

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114795.D
 Acq On : 4 Jun 2019 16:52
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060419

Quant Time: Jun 04 17:24:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	390795	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1575516	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	784008	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1478063	20.00	ng	0.00
76) Chrysene-d12	13.79	240	865190	20.00	ng	0.00
87) Perylene-d12	15.18	264	1055452	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1771294	79.20	ng	0.00
7) Phenol-d6	6.30	99	2184573	80.27	ng	0.00
23) Nitrobenzene-d5	7.23	82	2052740	80.20	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	673215	79.68	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3590158	85.78	ng	0.00
79) Terphenyl-d14	12.75	244	3368165	75.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	417445	39.094	ng	99
3) Pyridine	2.96	79	1175095	40.043	ng	99
4) n-Nitrosodimethylamine	2.91	42	417138	38.839	ng	96
6) Aniline	6.33	93	1544304	39.993	ng	97
8) 2-Chlorophenol	6.45	128	1034042	40.016	ng	99
9) Benzaldehyde	6.21	77	739725	39.187	ng	97
10) Phenol	6.32	94	1266126	40.684	ng	93
11) bis(2-Chloroethyl)ether	6.40	93	978982	40.308	ng	97
12) 1,3-Dichlorobenzene	6.61	146	1211106	40.221	ng	100
13) 1,4-Dichlorobenzene	6.69	146	1225561	40.450	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1127024	41.188	ng	100
15) Benzyl Alcohol	6.81	79	846222	41.119	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1396309	40.198	ng	99
17) 2-Methylphenol	6.93	107	879020	39.796	ng	99
18) Hexachloroethane	7.18	117	451579	39.598	ng	100
19) n-Nitroso-di-n-propylamine	7.09	70	707712	39.286	ng	99
20) 3+4-Methylphenols	7.08	107	991884	40.714	ng	# 82
22) Acetophenone	7.08	105	1385802	39.951	ng	99
24) Nitrobenzene	7.25	77	1077712	40.646	ng	98
25) Isophorone	7.49	82	1972387	38.982	ng	98
26) 2-Nitrophenol	7.56	139	584581	40.707	ng	# 90
27) 2,4-Dimethylphenol	7.61	122	872427	39.971	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1292118	39.949	ng	99
29) 2,4-Dichlorophenol	7.81	162	912471	39.736	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	1068575	40.555	ng	99
31) Naphthalene	7.97	128	2913044	41.069	ng	99
32) Benzoic acid	7.74	122	699185	43.982	ng	96
33) 4-Chloroaniline	8.02	127	1357788	40.126	ng	98
34) Hexachlorobutadiene	8.10	225	606843	40.510	ng	99
35) Caprolactam	8.40	113	291834	38.904	ng	98
36) 4-Chloro-3-methylphenol	8.50	107	906807	39.685	ng	98
37) 2-Methylnaphthalene	8.66	142	2003688	40.727	ng	99
38) 1-Methylnaphthalene	8.76	142	1898740	40.696	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	919463	40.695	ng	100

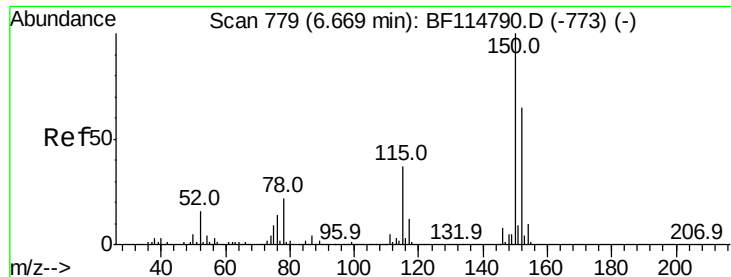
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114795.D
 Acq On : 4 Jun 2019 16:52
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060419

Quant Time: Jun 04 17:24:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	551723	40.263	ng	98
43) 2,4,6-Trichlorophenol	8.94	196	691611	39.366	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	703125	39.739	ng	99
46) 1,1'-Biphenyl	9.13	154	2381164	40.979	ng	98
47) 2-Chloronaphthalene	9.15	162	2024836	41.010	ng	99
48) 2-Nitroaniline	9.24	65	585861	39.761	ng	98
49) Acenaphthylene	9.56	152	2946516	41.152	ng	98
50) Dimethylphthalate	9.43	163	2315085	40.430	ng	99
51) 2,6-Dinitrotoluene	9.49	165	538452	39.985	ng	95
52) Acenaphthene	9.73	154	1895302	40.408	ng	100
53) 3-Nitroaniline	9.65	138	630609	40.086	ng	96
54) 2,4-Dinitrophenol	9.75	184	252358	41.413	ng	95
55) Dibenzofuran	9.90	168	2560013	39.251	ng	97
56) 4-Nitrophenol	9.80	139	454727	39.448	ng	98
57) 2,4-Dinitrotoluene	9.88	165	700725	41.392	ng	91
58) Fluorene	10.24	166	1813670	42.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	576945	39.800	ng	99
60) Diethylphthalate	10.13	149	2336770	40.669	ng	100
61) 4-Chlorophenyl-phenylether	10.24	204	935920	37.466	ng	97
62) 4-Nitroaniline	10.26	138	597461	39.156	ng	99
63) Azobenzene	10.40	77	1987004	40.626	ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	318195	41.443	ng	90
66) n-Nitrosodiphenylamine	10.36	169	1782326	39.879	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	666595	39.709	ng	99
68) Hexachlorobenzene	10.79	284	739681	40.261	ng	98
69) Atrazine	10.89	200	613065	39.441	ng	100
70) Pentachlorophenol	10.97	266	428825	40.376	ng	99
71) Phenanthrene	11.19	178	2860468	40.539	ng	99
72) Anthracene	11.25	178	2890417	38.924	ng	100
73) Carbazole	11.40	167	2528135	39.714	ng	99
74) Di-n-butylphthalate	11.75	149	3310092	39.534	ng	99
75) Fluoranthene	12.37	202	2830311	38.539	ng	99
77) Benzidine	12.49	184	1485577	34.684	ng	97
78) Pyrene	12.60	202	2838401	37.817	ng	99
80) Butylbenzylphthalate	13.23	149	1431730	37.775	ng	99
81) Benzo(a)anthracene	13.78	228	2577710	38.663	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	1001996	37.063	ng	100
83) Chrysene	13.82	228	2446649	37.723	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1871892	39.058	ng	100
85) Di-n-octyl phthalate	14.41	149	3165850	38.876	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2700533	36.492	ng	100
88) Benzo(b)fluoranthene	14.80	252	2725141	40.558	ng	99
89) Benzo(k)fluoranthene	14.83	252	2180747	38.218	ng	99
90) Benzo(a)pyrene	15.13	252	2321282	39.914	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	2204019	40.018	ng	98
92) Benzo(g,h,i)perylene	16.89	276	2169940	39.179	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

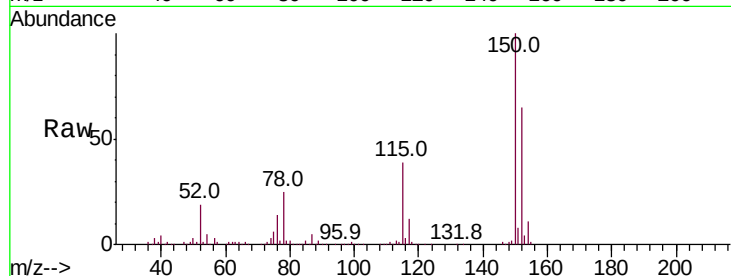


#1

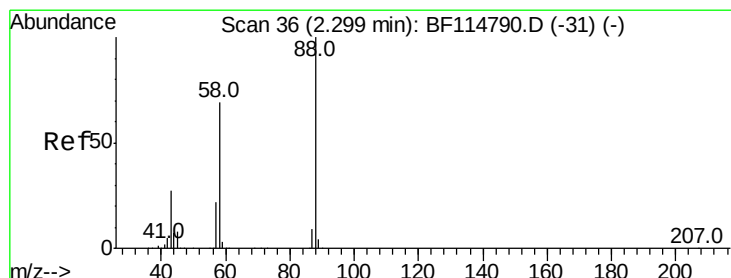
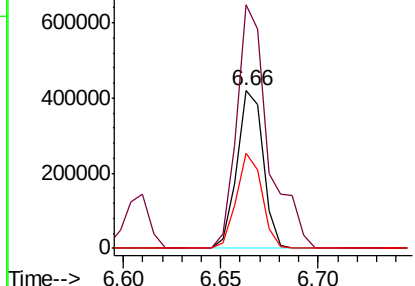
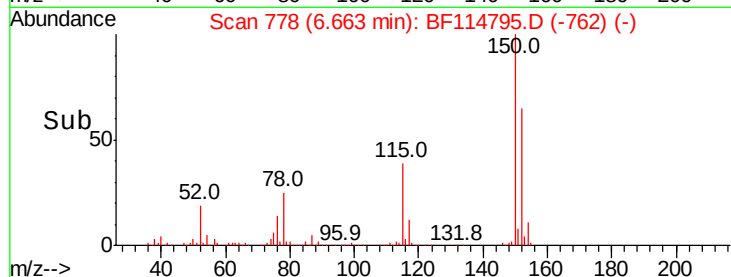
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:152 Resp: 390795
Ion Ratio Lower Upper
152 100
150 154.8 124.0 186.0
115 60.7 46.3 69.5



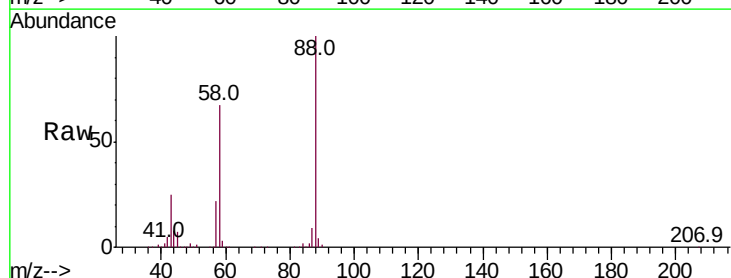
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



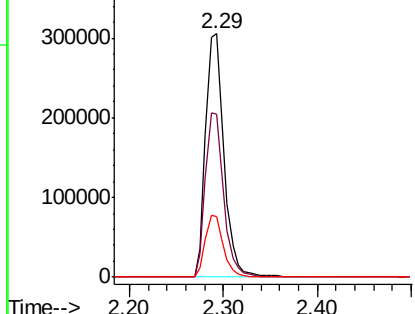
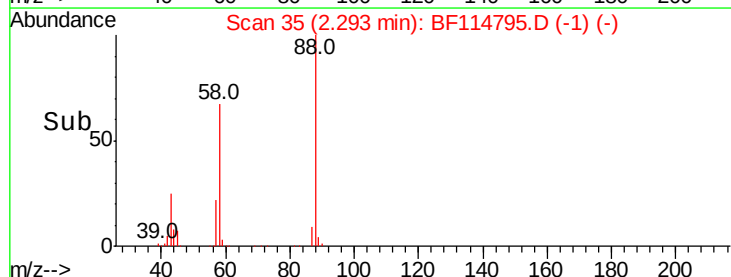
#2

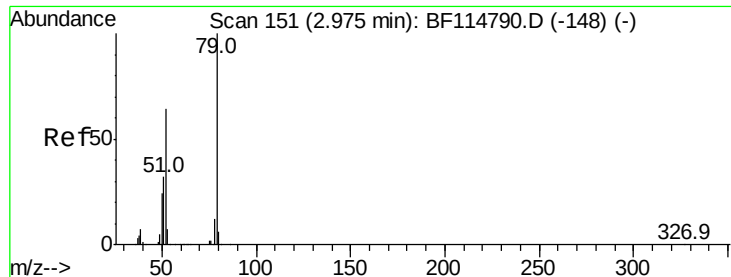
1,4-Dioxane
Concen: 39.094 ng
RT: 2.29 min Scan# 35
Delta R.T. -0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion: 88 Resp: 417445
Ion Ratio Lower Upper
88 100
58 68.0 53.8 80.8
43 25.6 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.043 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

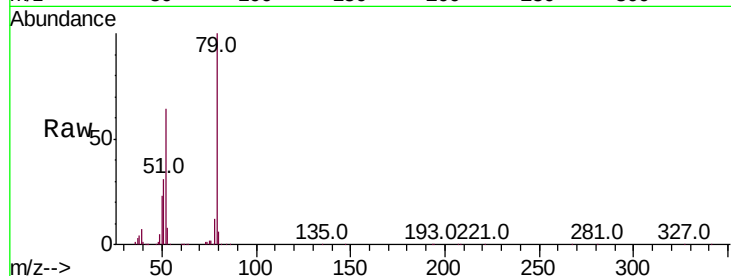
Tot Ion: 79 Resp: 1175095

Ion Ratio Lower Upper

79 100

52 64.2 51.0 76.4

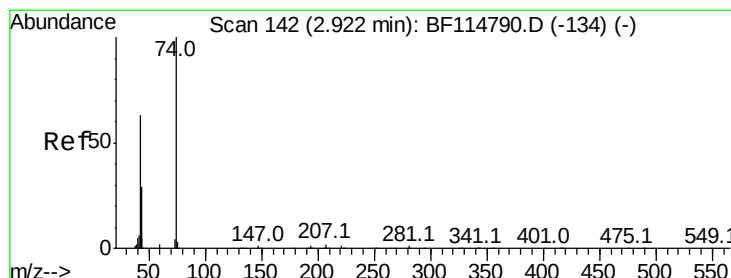
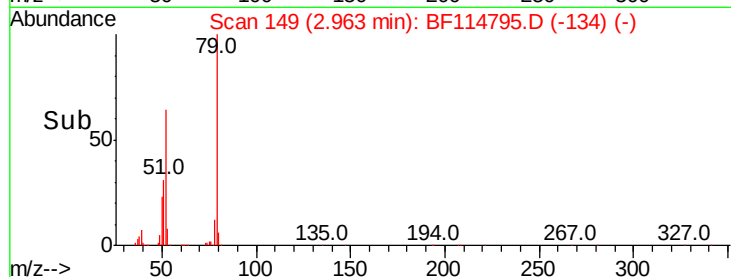
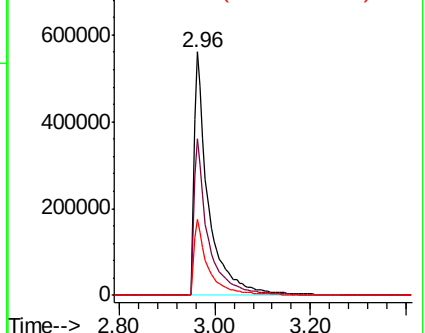
51 31.4 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.839 ng

RT: 2.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

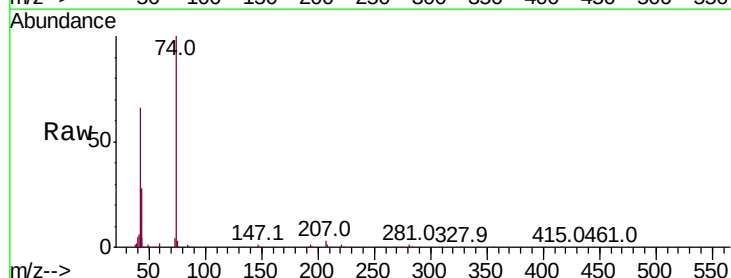
Tgt Ion: 42 Resp: 417138

Ion Ratio Lower Upper

42 100

74 152.3 126.2 189.2

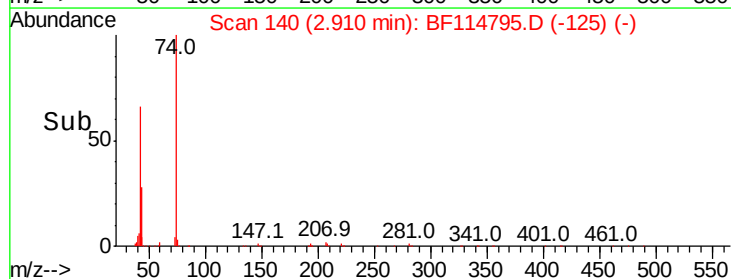
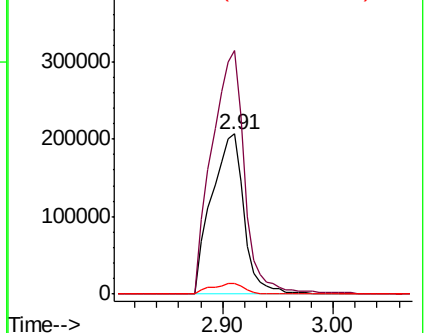
44 6.5 5.9 8.9

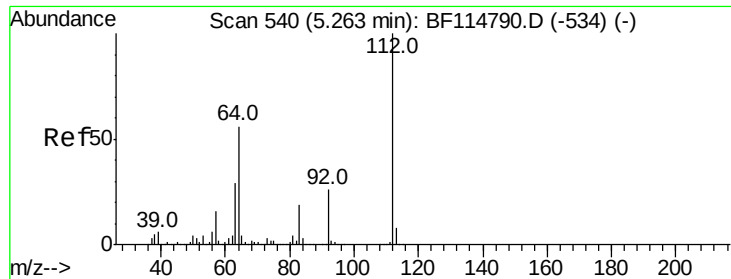


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.199 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

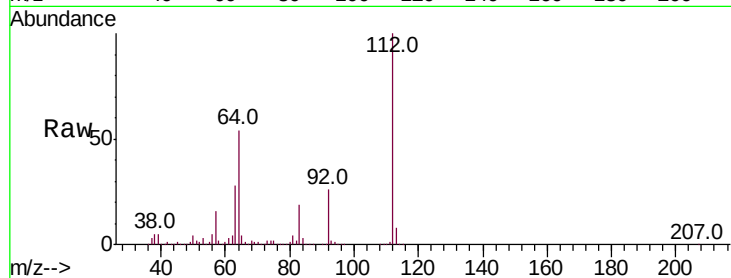
Tot Ion:112 Resp: 1771294

Ion Ratio Lower Upper

112 100

64 54.2 44.6 66.8

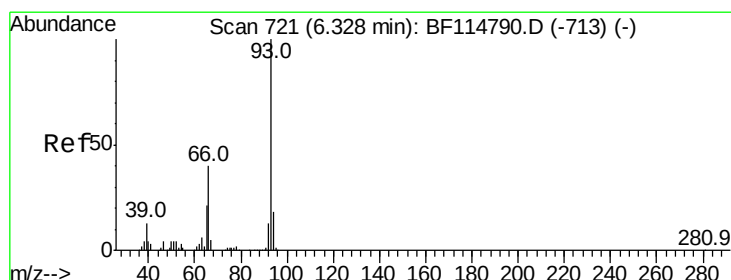
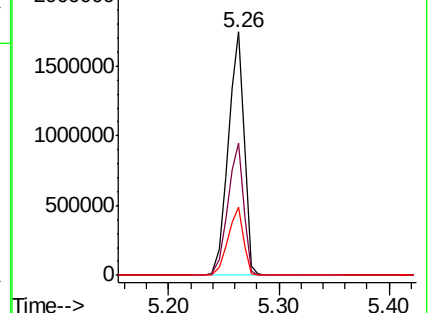
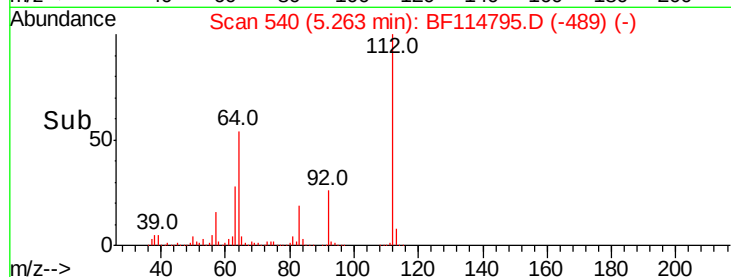
63 27.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.993 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

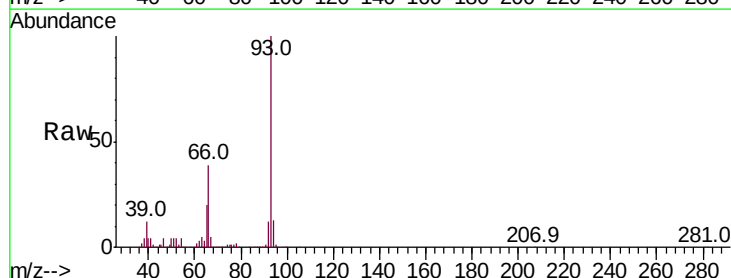
Tgt Ion: 93 Resp: 1544304

Ion Ratio Lower Upper

93 100

66 38.6 32.8 49.2

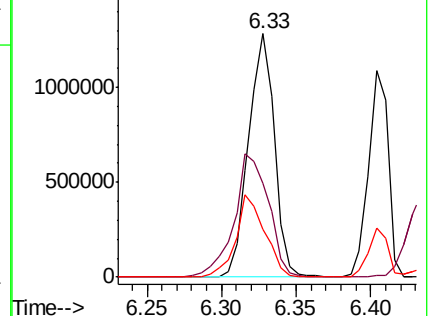
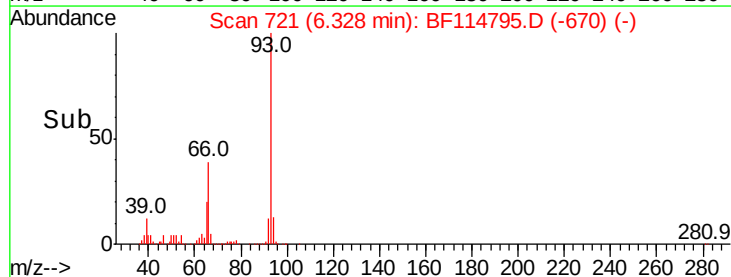
65 19.8 16.9 25.3

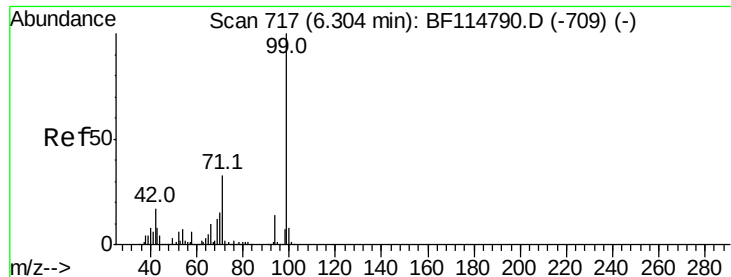


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.275 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

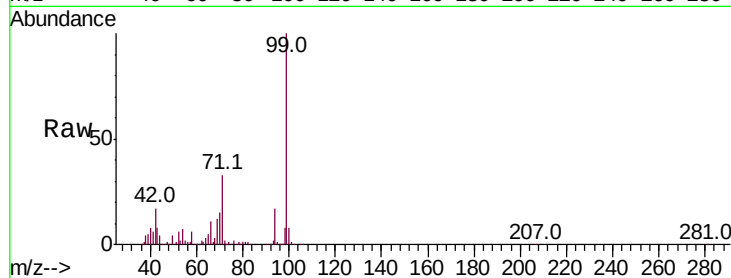
Tot Ion: 99 Resp: 2184573

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

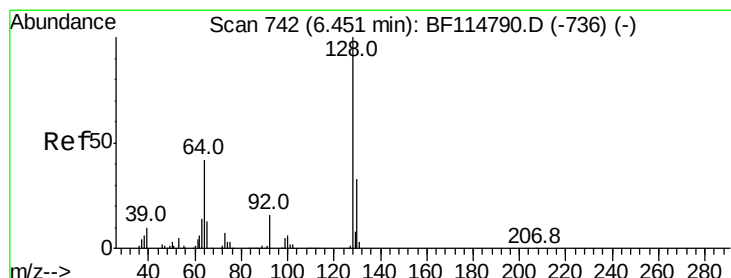
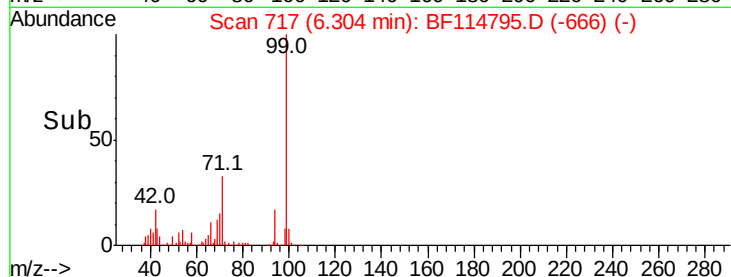
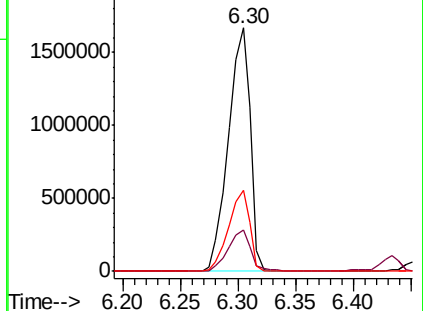
71 33.2 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.016 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

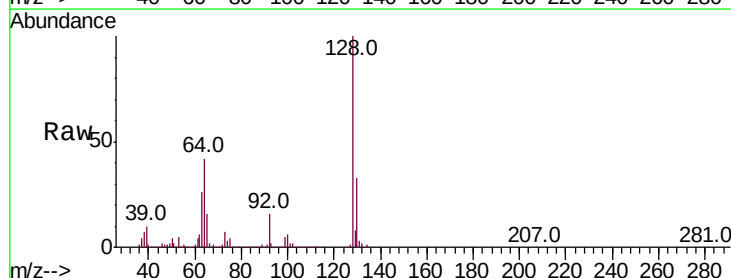
Tgt Ion:128 Resp: 1034042

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

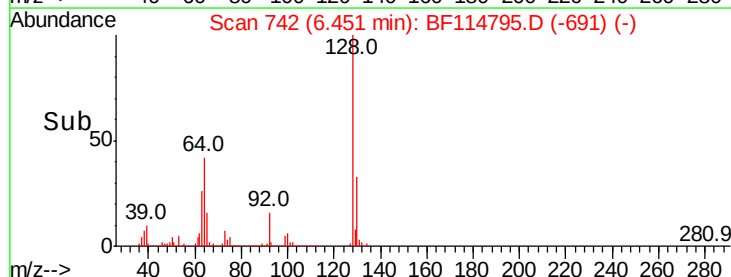
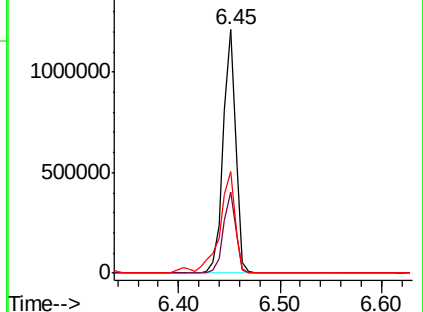
64 41.8 22.5 62.5

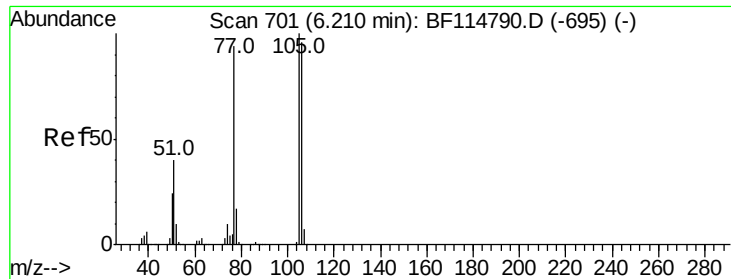


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.187 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

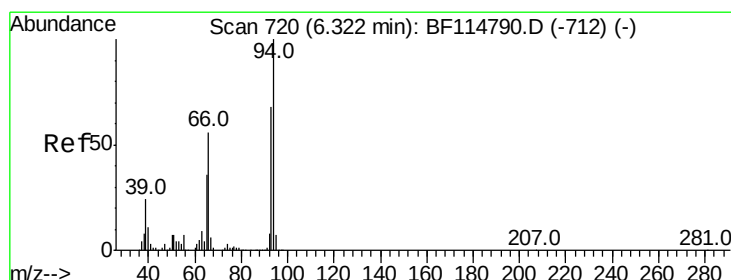
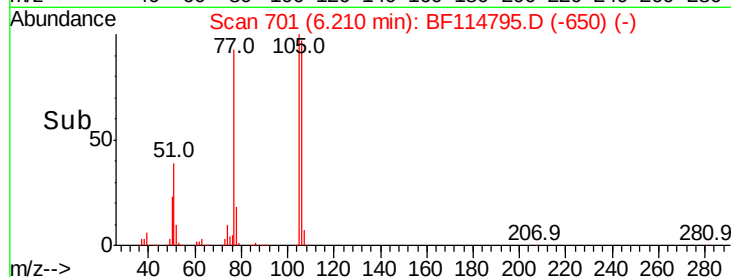
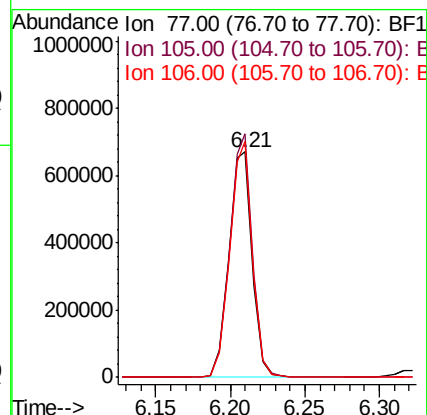
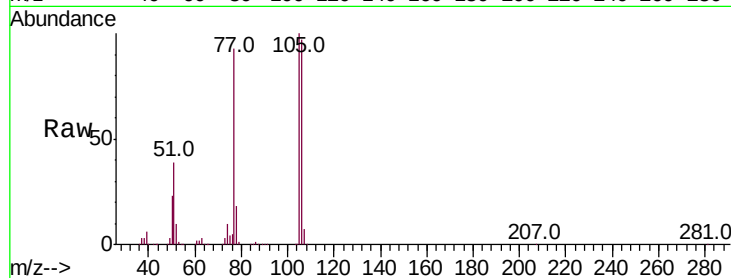
Tot Ion: 77 Resp: 739725

Ion Ratio Lower Upper

77 100

105 108.0 85.8 125.8

106 104.6 81.6 121.6



#10

Phenol

Concen: 40.684 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

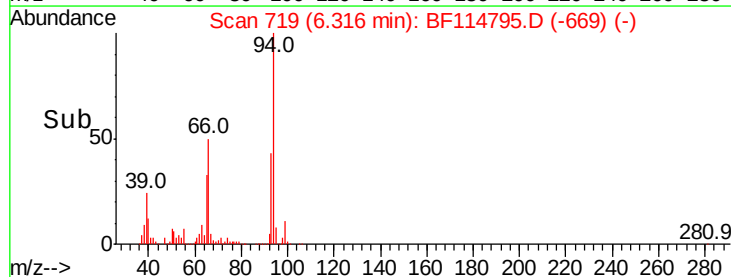
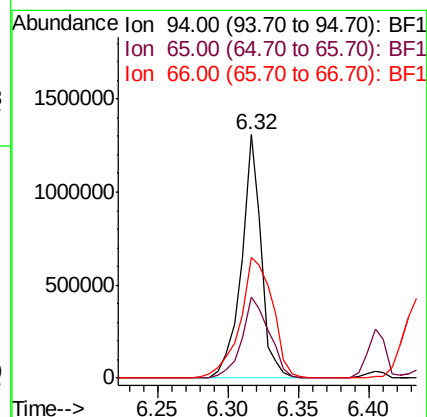
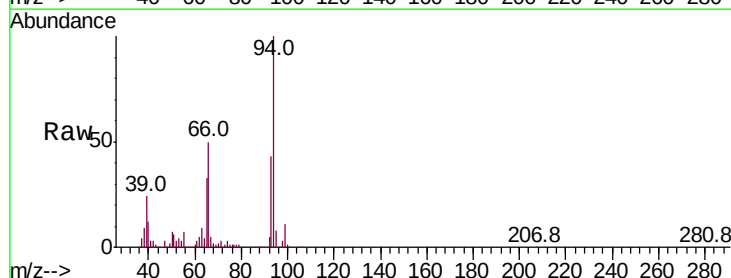
Tgt Ion: 94 Resp: 1266126

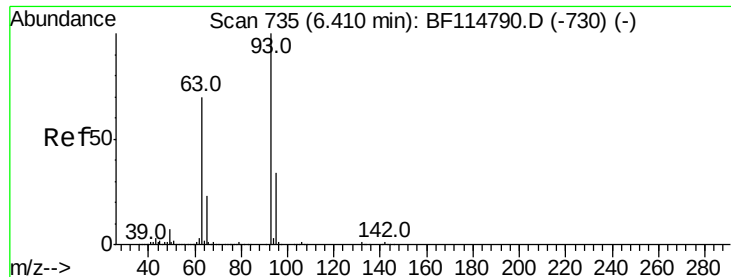
Ion Ratio Lower Upper

94 100

65 33.3 16.1 56.1

66 49.8 36.3 76.3





#11

bis(2-Chloroethyl)ether

Concen: 40.308 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

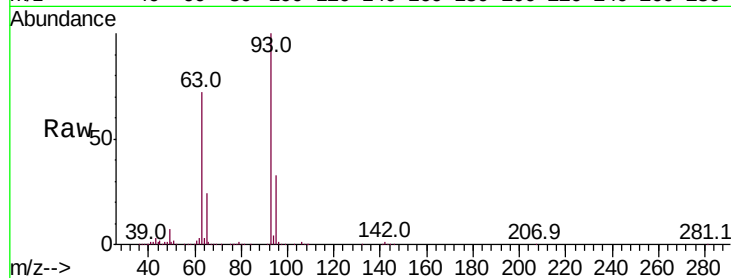
Tot Ion: 93 Resp: 978982

Ion Ratio Lower Upper

93 100

63 72.4 49.6 89.6

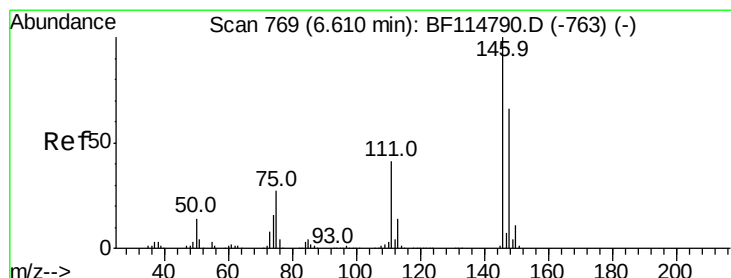
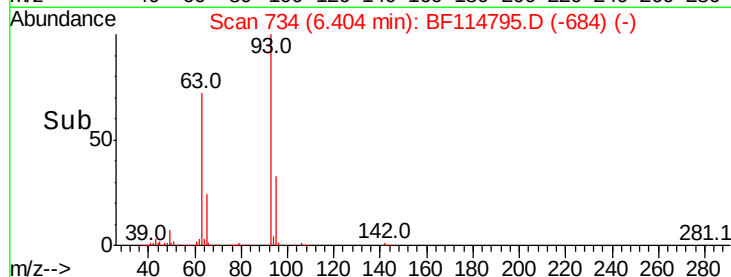
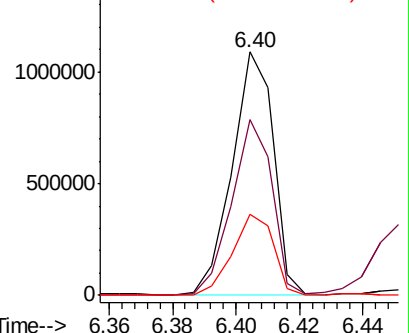
95 33.3 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.221 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

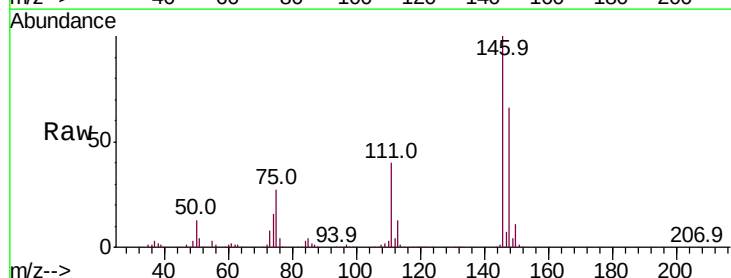
Tgt Ion: 146 Resp: 1211106

Ion Ratio Lower Upper

146 100

148 65.9 52.7 79.1

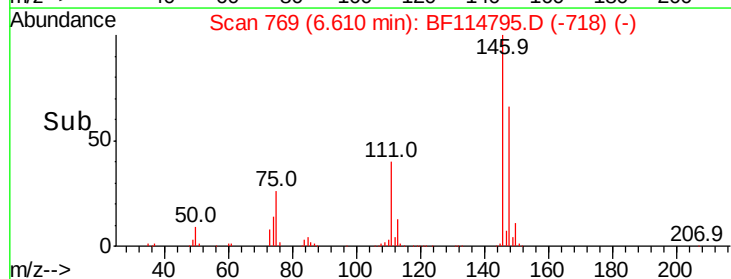
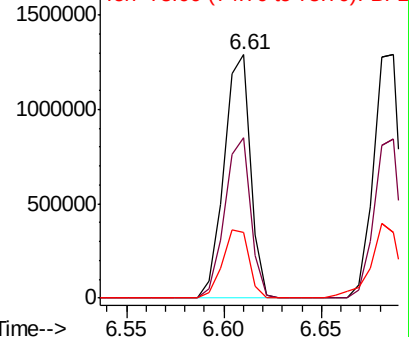
75 26.8 22.0 33.0

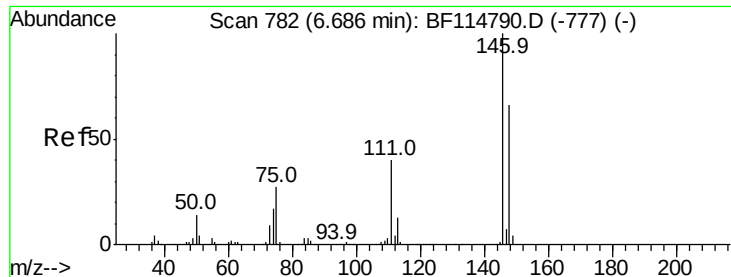


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

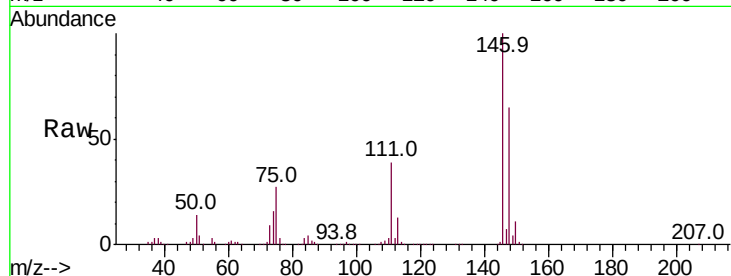




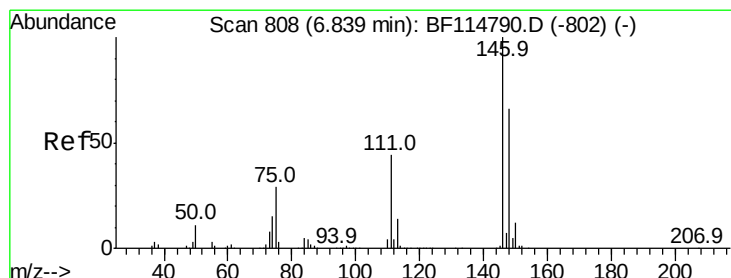
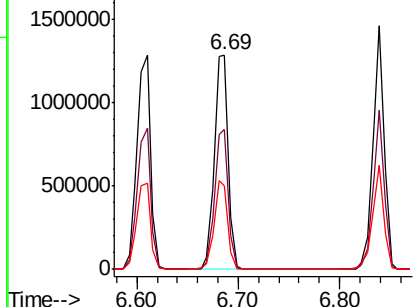
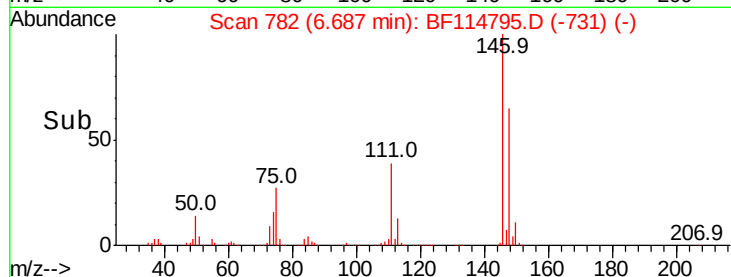
#13
1,4-Dichlorobenzene
Concen: 40.450 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:146 Resp: 1225561
Ion Ratio Lower Upper
146 100
148 65.4 53.0 79.4
111 38.9 32.2 48.4

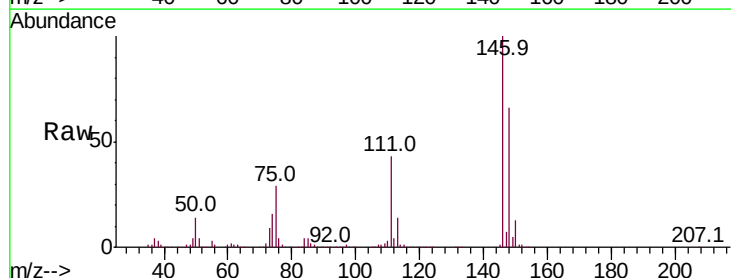


Abundance Ion 146.00 (145.70 to 146.70): E
2000000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

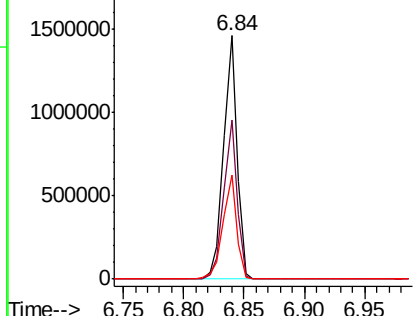
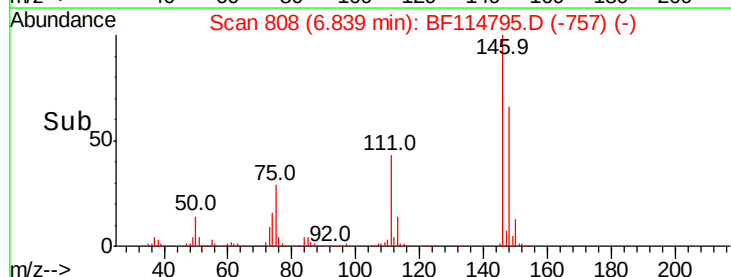


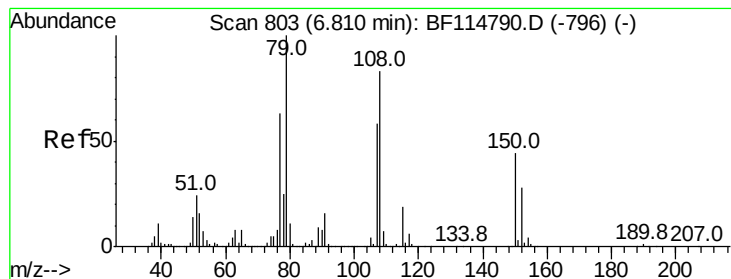
#14
1,2-Dichlorobenzene
Concen: 41.188 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:146 Resp: 1127024
Ion Ratio Lower Upper
146 100
148 65.6 52.5 78.7
111 42.7 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
2000000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.119 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

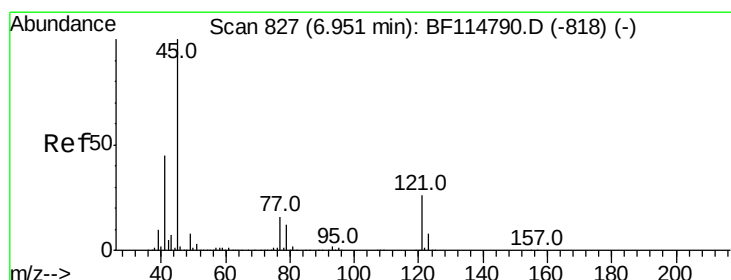
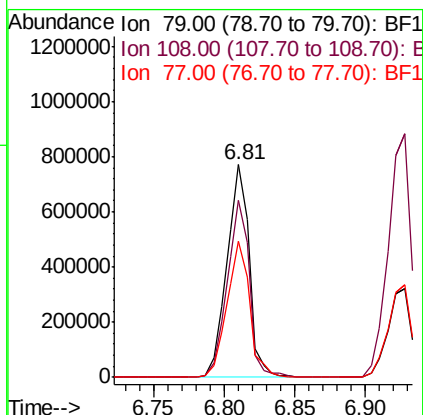
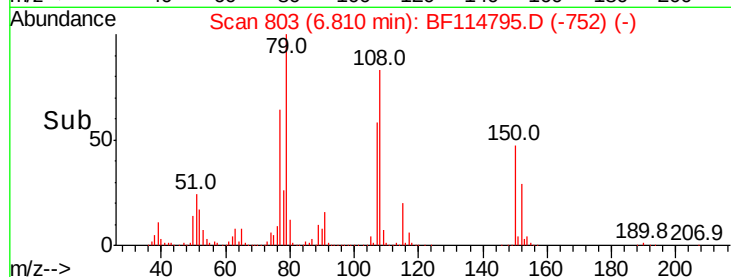
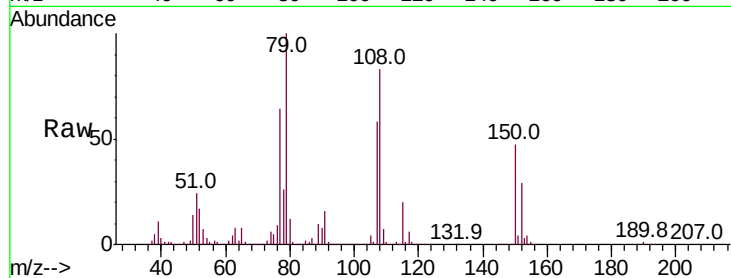
Tot Ion: 79 Resp: 846222

Ion Ratio Lower Upper

79 100

108 83.5 66.8 100.2

77 64.0 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.198 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

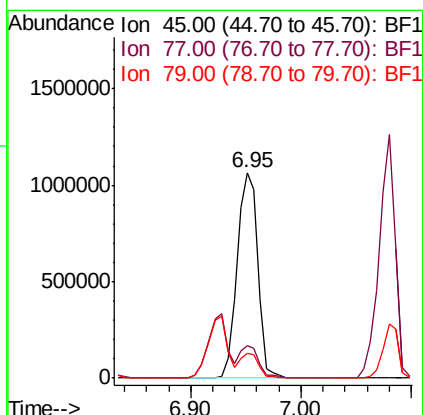
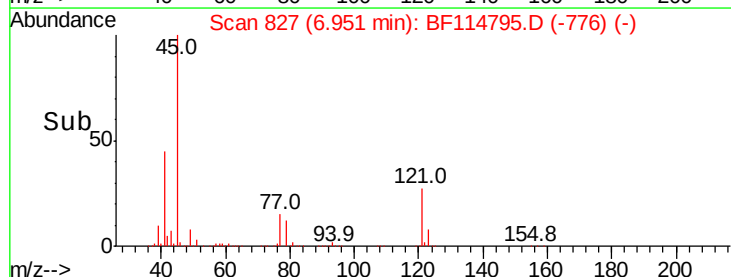
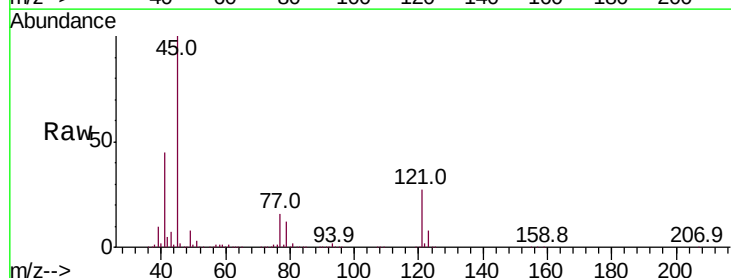
Tgt Ion: 45 Resp: 1396309

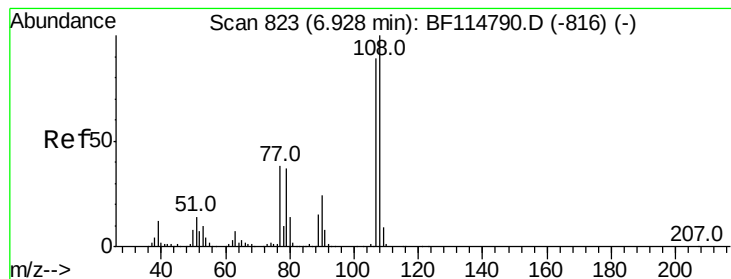
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.8

79 11.8 0.0 32.0

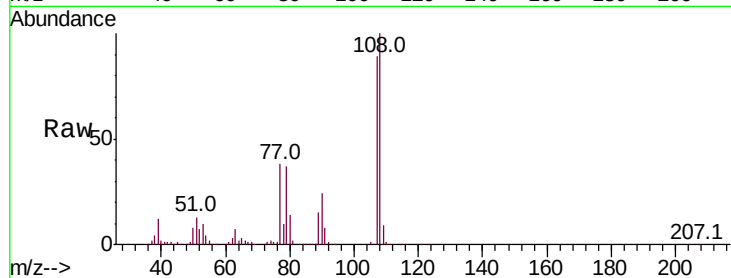




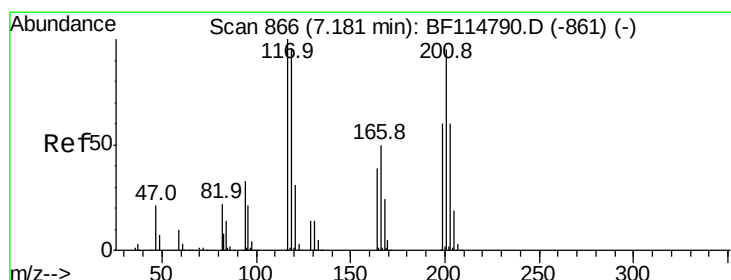
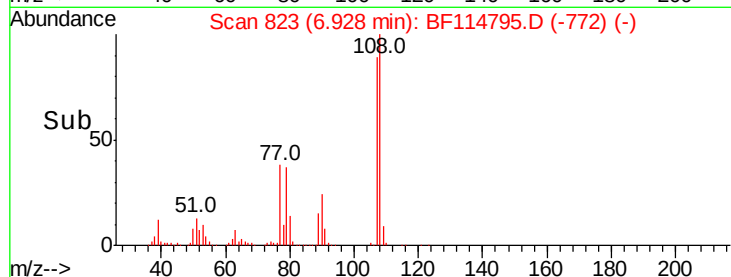
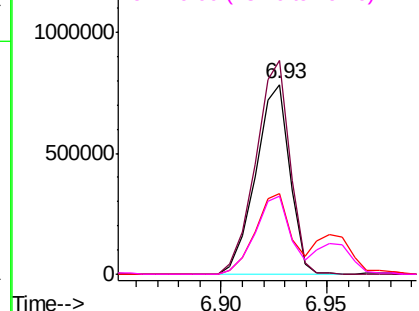
#17
2-Methylphenol
Concen: 39.796 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:107 Resp: 879020
Ion Ratio Lower Upper
107 100
108 112.6 90.2 135.2
77 42.7 34.5 51.7
79 41.2 33.8 50.6

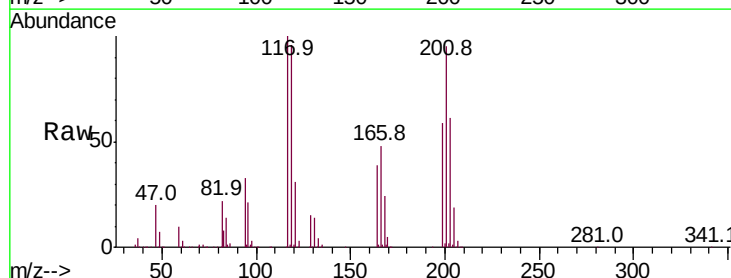


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

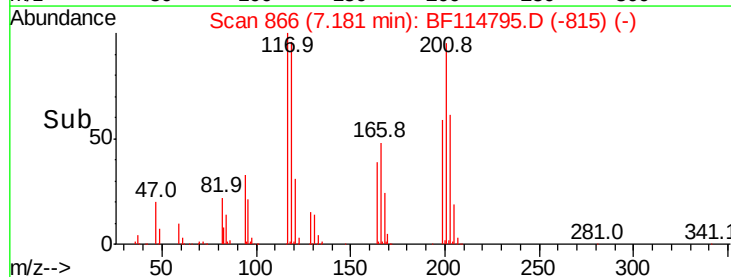
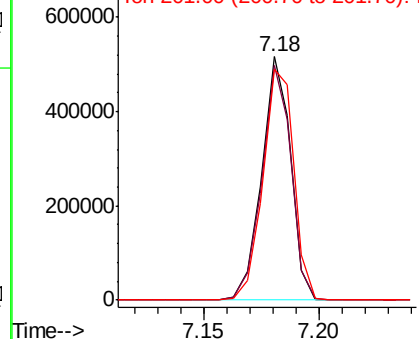


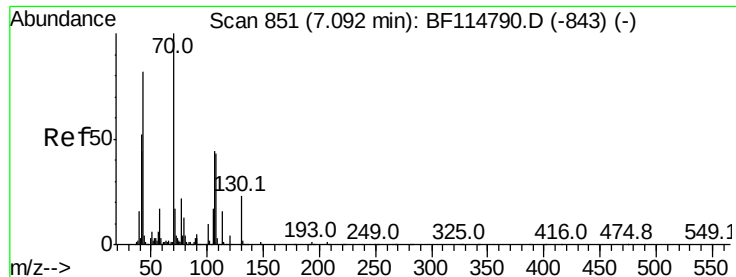
#18
Hexachloroethane
Concen: 39.598 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:117 Resp: 451579
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
201 94.8 76.0 114.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

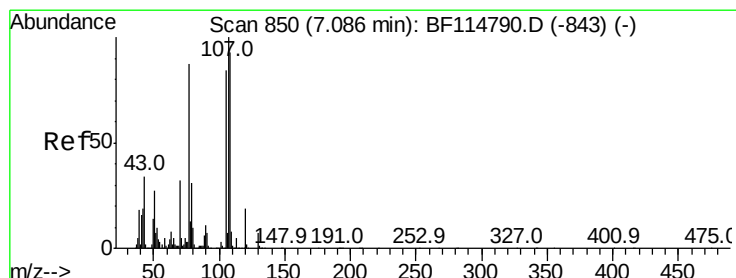
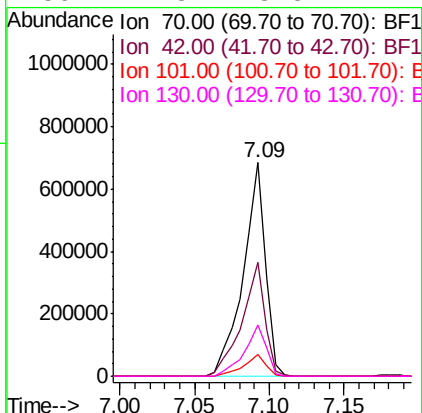
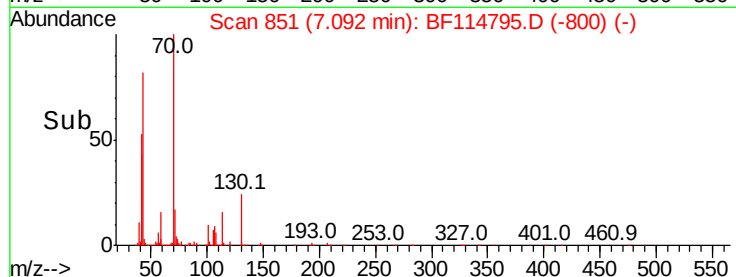
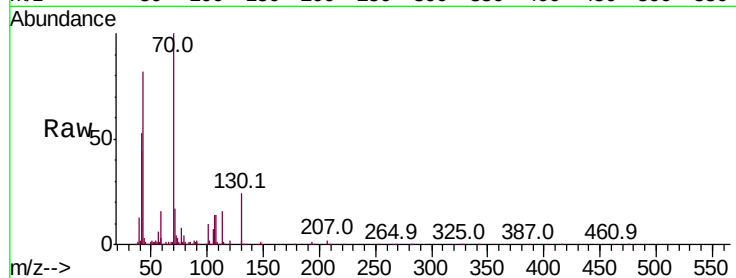




#19
n-Nitroso-di-n-propylamine
Concen: 39.286 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

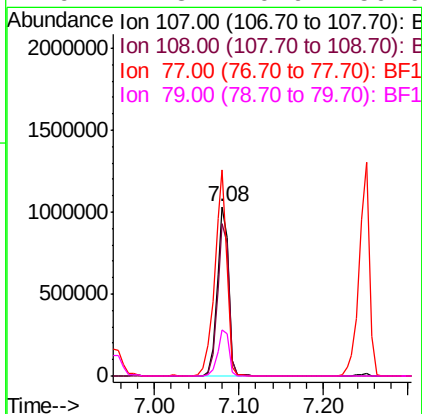
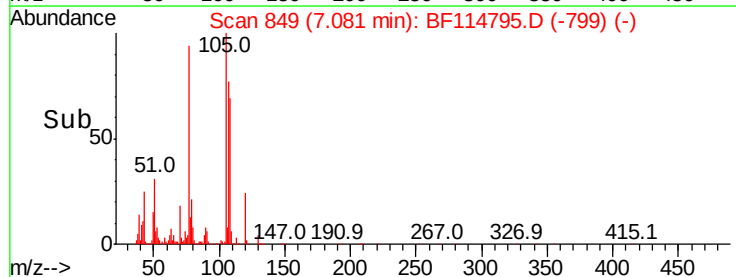
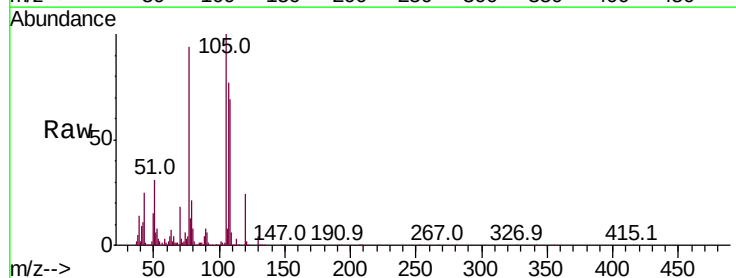
Instrument :
BNA_F
ClientSampleId :
ICVBF060419

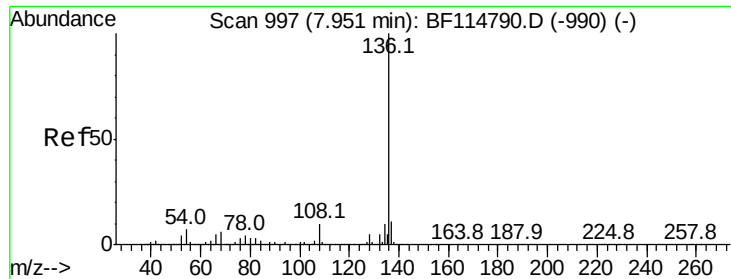
Tot Ion:	70	Resp:	707712
Ion	Ratio	Lower	Upper
70	100		
42	53.1	41.8	62.8
101	10.2	8.2	12.4
130	24.3	18.5	27.7



#20
3+4-Methylphenols
Concen: 40.714 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:	107	Resp:	991884
Ion	Ratio	Lower	Upper
107	100		
108	89.8	73.5	113.5
77	122.1	67.2	107.2#
79	27.3	10.6	50.6

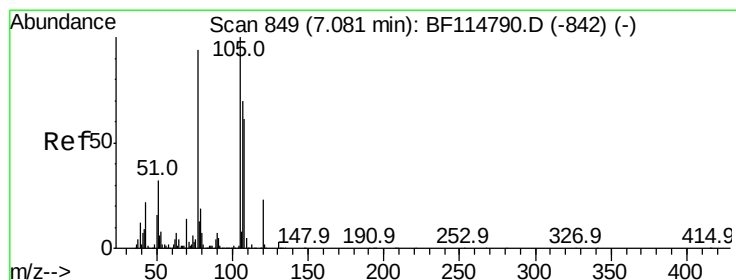
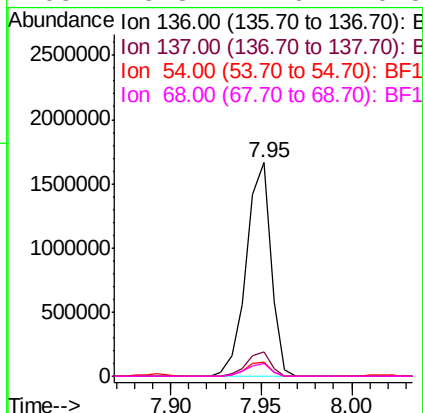
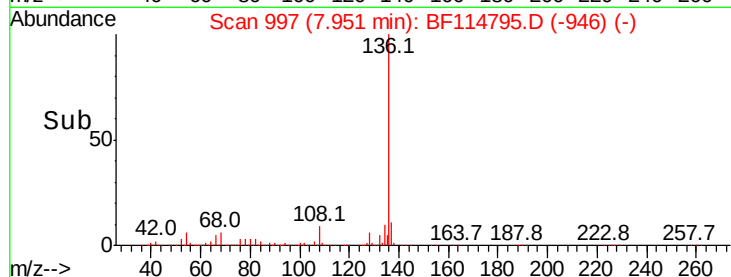
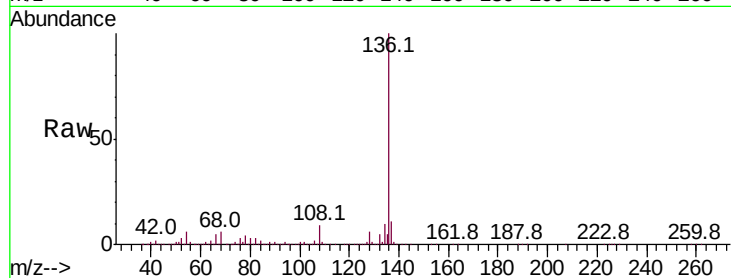




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

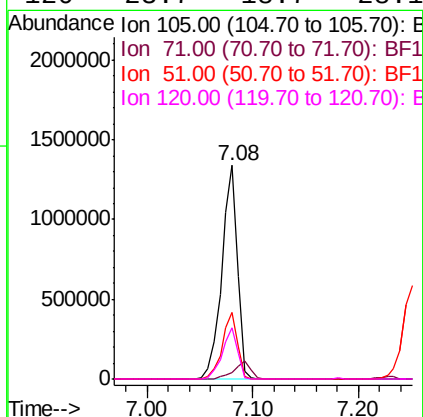
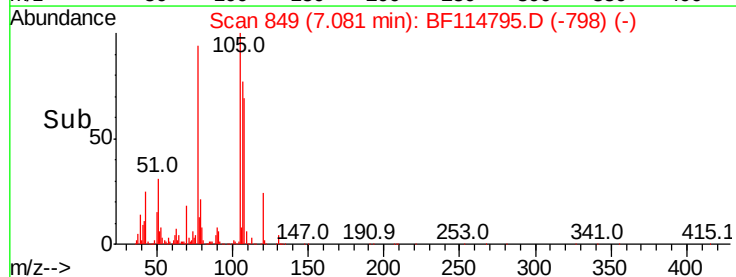
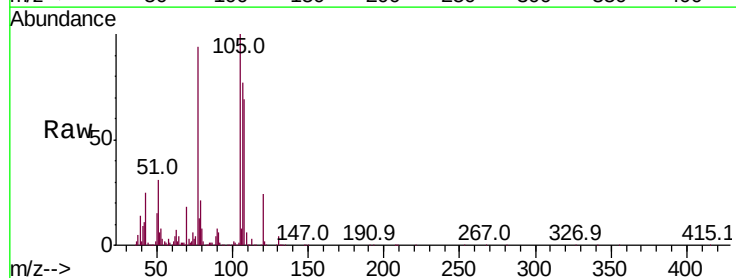
Instrument :
BNA_F
ClientSampleId :
ICVBF060419

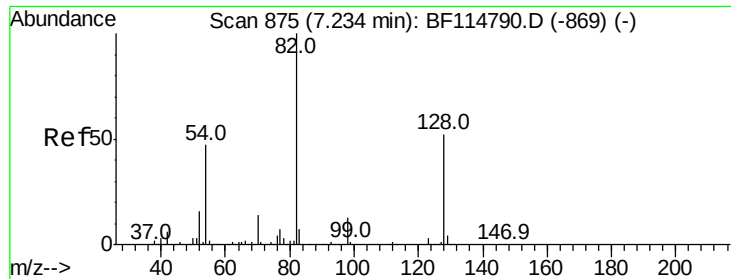
Tot Ion:	136	Resp:	1575516
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.5	5.4	8.0
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 39.951 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:	105	Resp:	1385802
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.0	3.0
51	31.3	25.4	38.0
120	23.7	18.7	28.1

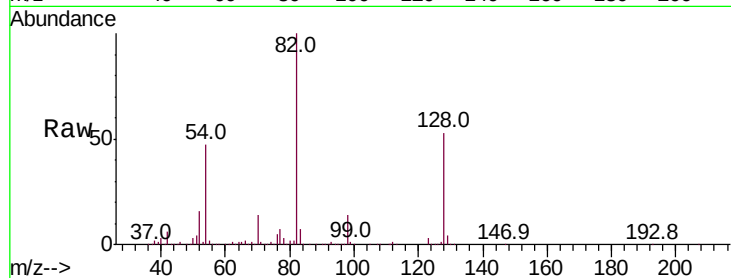




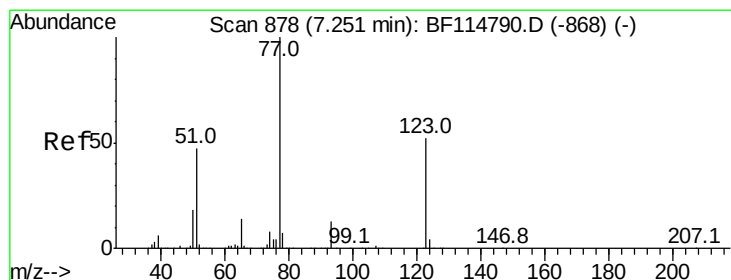
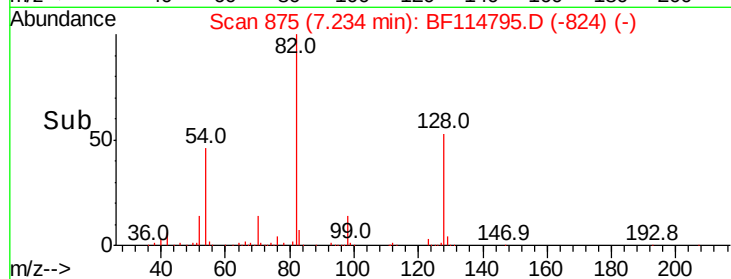
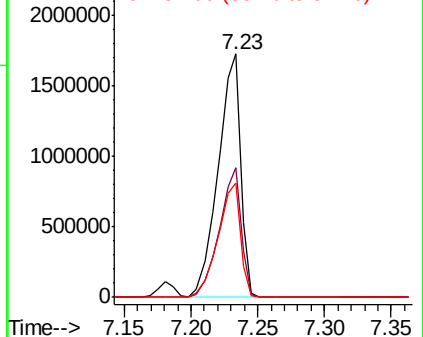
#23
Nitrobenzene-d5
Concen: 80.205 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion: 82 Resp: 2052740
Ion Ratio Lower Upper
82 100
128 53.3 41.8 62.6
54 47.1 37.9 56.9

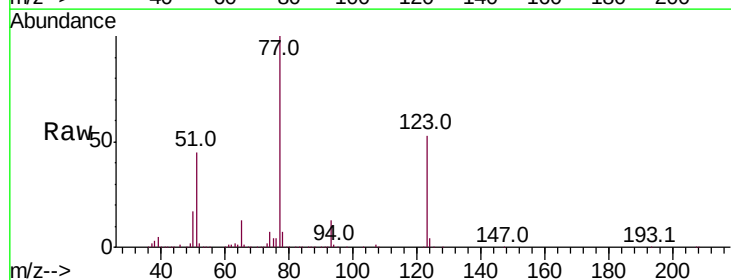


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

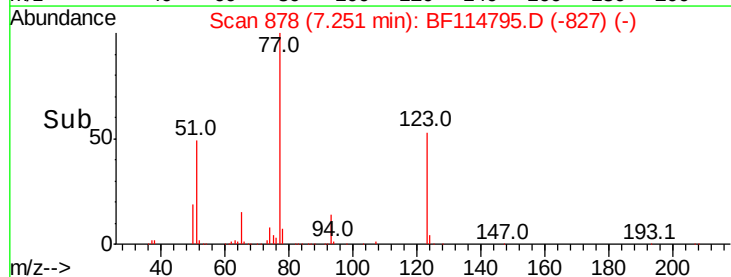
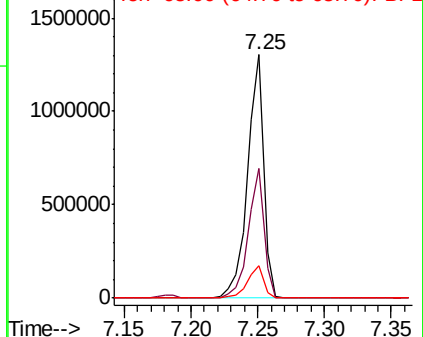


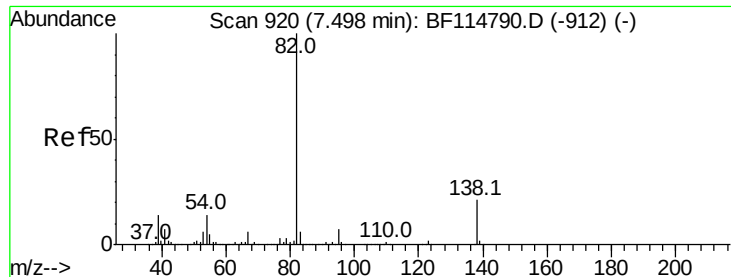
#24
Nitrobenzene
Concen: 40.646 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion: 77 Resp: 1077712
Ion Ratio Lower Upper
77 100
123 53.5 41.5 62.3
65 13.2 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.982 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

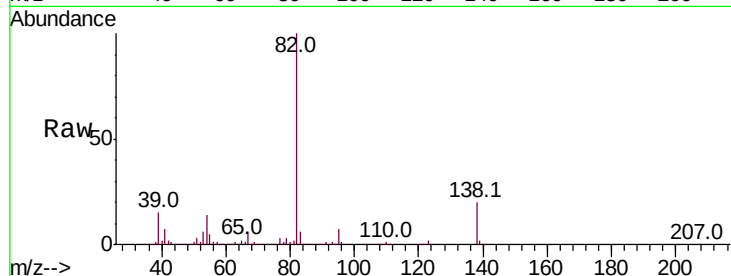
Tot Ion: 82 Resp: 1972387

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

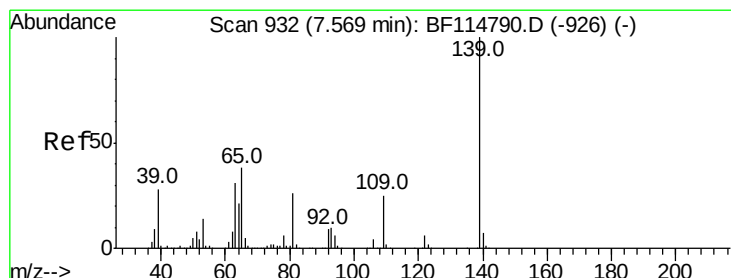
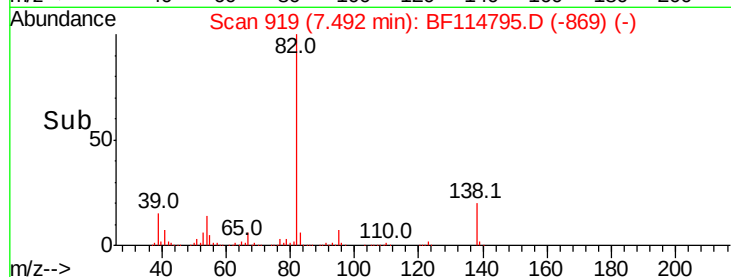
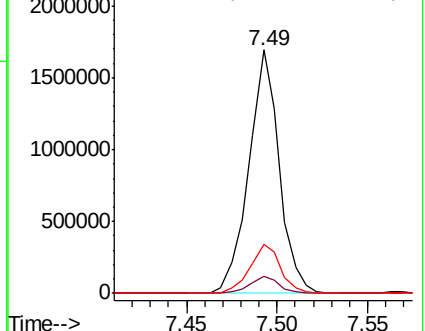
138 19.9 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.707 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

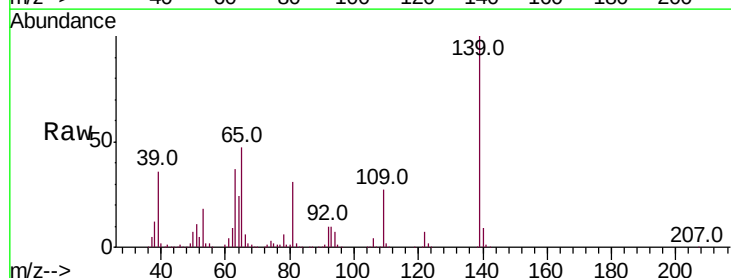
Tgt Ion: 139 Resp: 584581

Ion Ratio Lower Upper

139 100

109 27.0 20.4 30.6

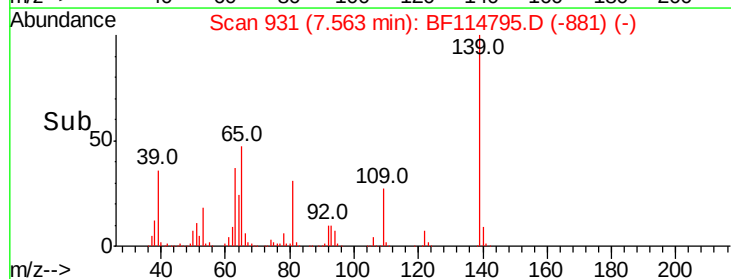
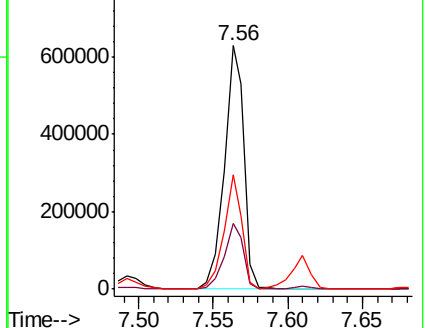
65 46.8 30.5 45.7#

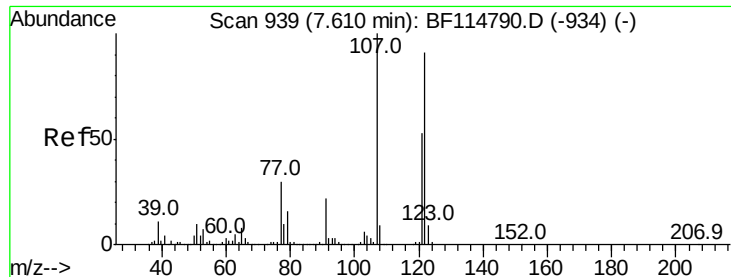


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.971 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

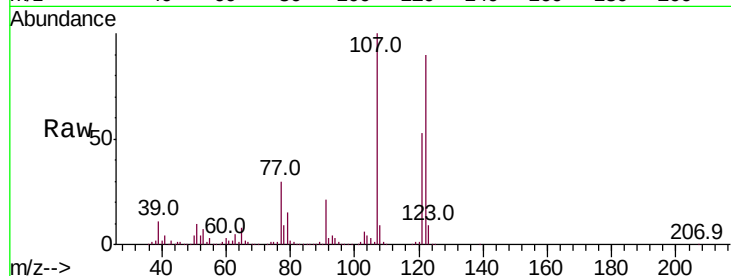
Tot Ion:122 Resp: 872427

Ion Ratio Lower Upper

122 100

107 111.1 87.9 131.9

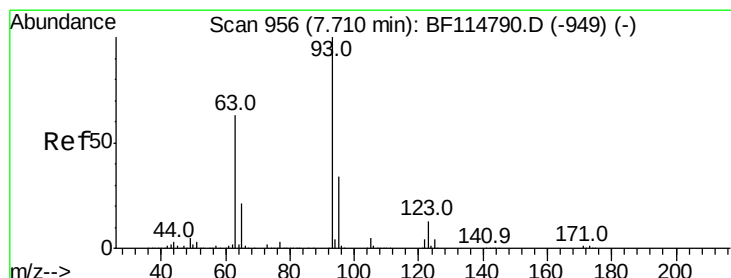
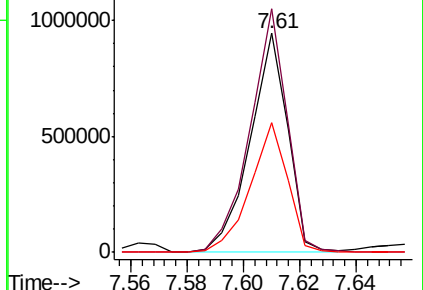
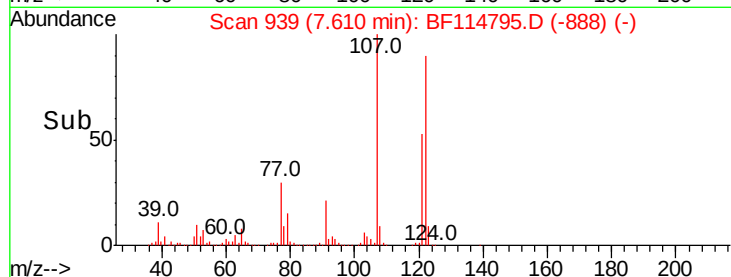
121 59.0 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.949 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

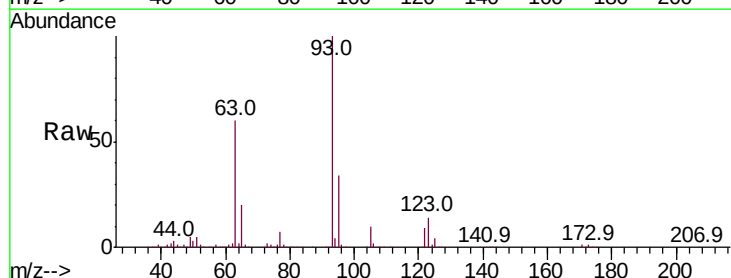
Tgt Ion: 93 Resp: 1292118

Ion Ratio Lower Upper

93 100

95 34.3 26.9 40.3

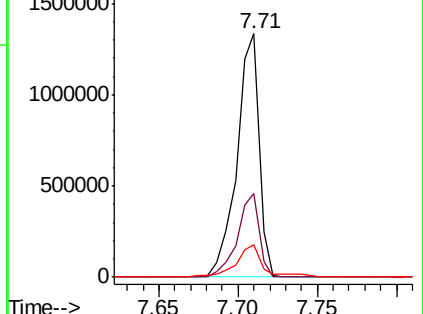
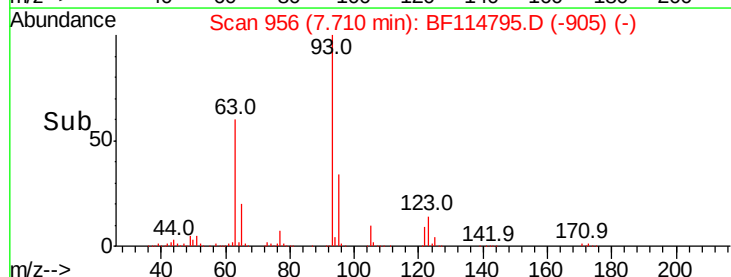
123 13.5 10.4 15.6

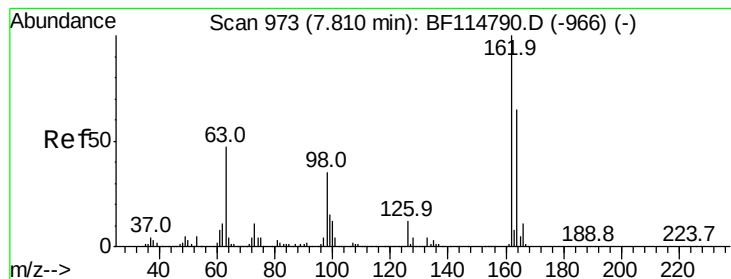


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.736 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

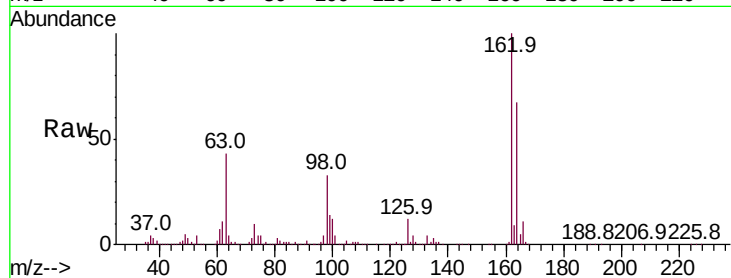
Tot Ion:162 Resp: 912471

Ion Ratio Lower Upper

162 100

164 66.9 45.1 85.1

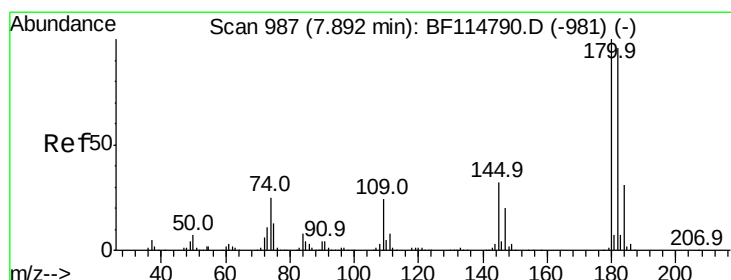
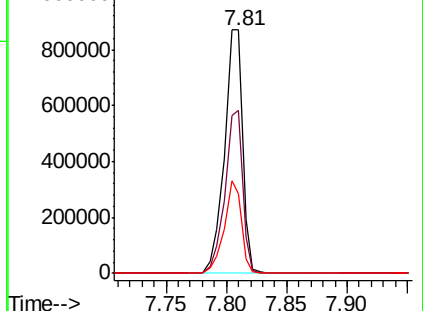
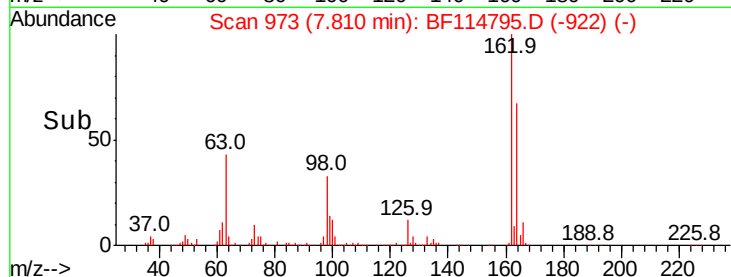
98 32.8 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.555 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

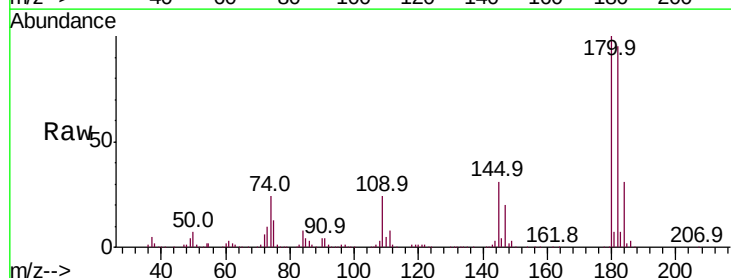
Tgt Ion:180 Resp: 1068575

Ion Ratio Lower Upper

180 100

182 95.0 76.5 114.7

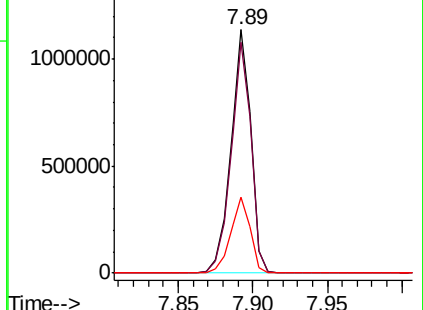
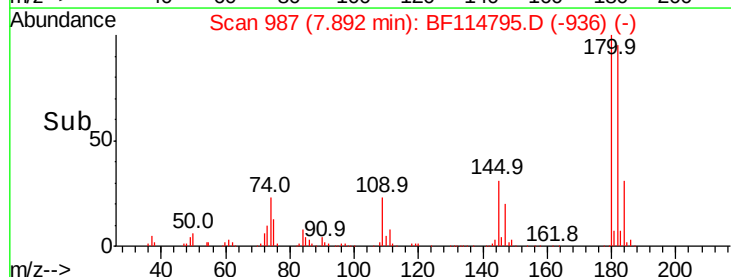
145 31.0 25.8 38.8

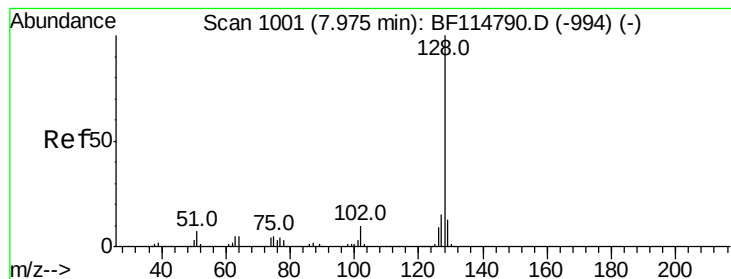


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.069 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

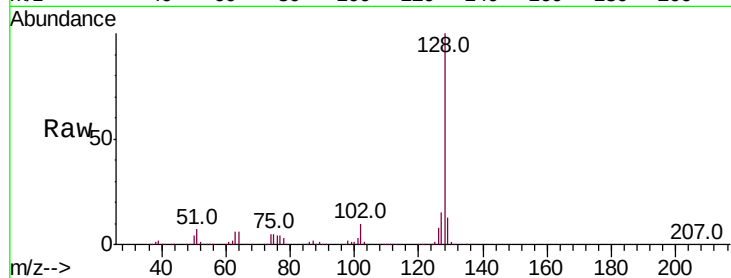
Tot Ion:128 Resp: 2913044

Ion Ratio Lower Upper

128 100

129 12.9 10.0 15.0

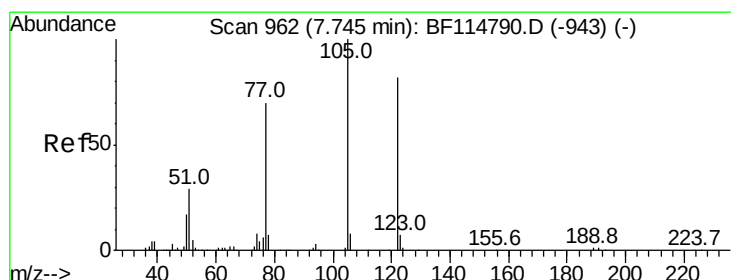
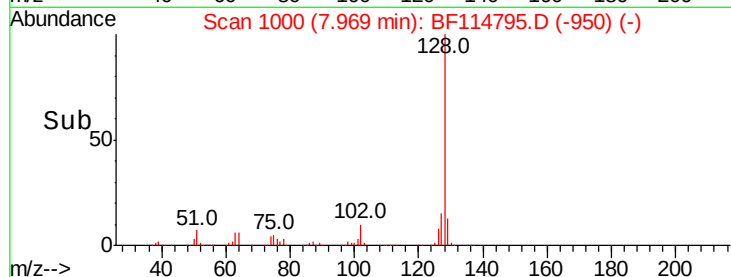
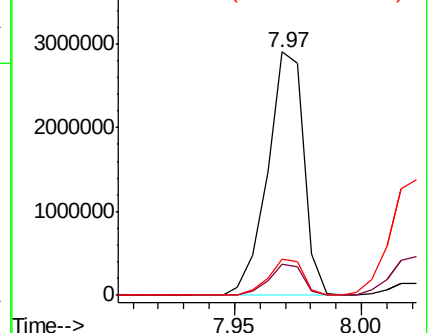
127 14.8 12.2 18.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.982 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

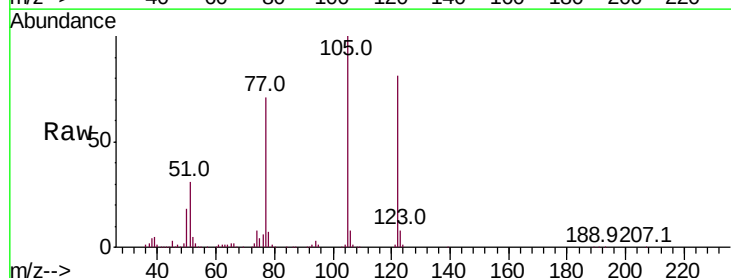
Tgt Ion:122 Resp: 699185

Ion Ratio Lower Upper

122 100

105 124.0 98.7 138.7

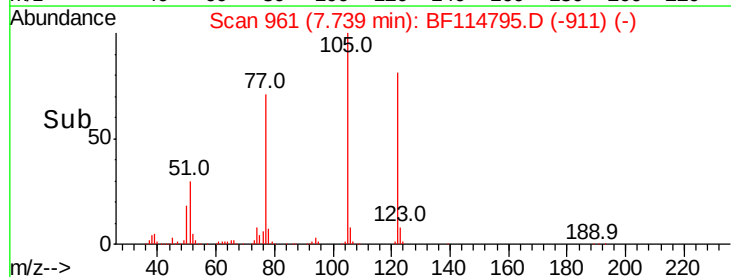
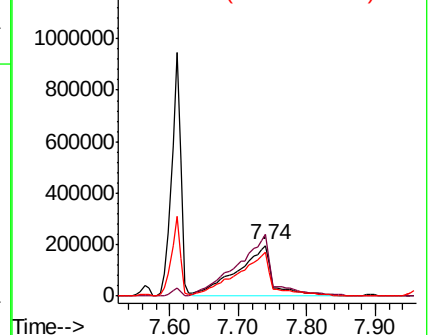
77 87.9 64.8 104.8

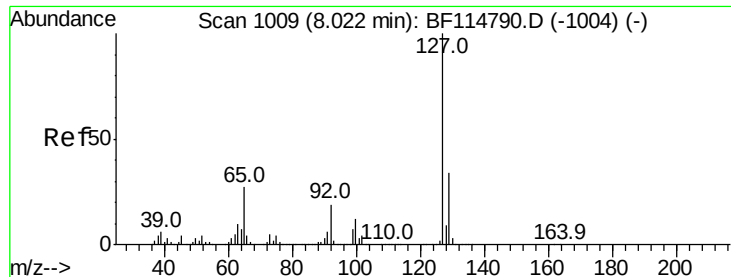


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



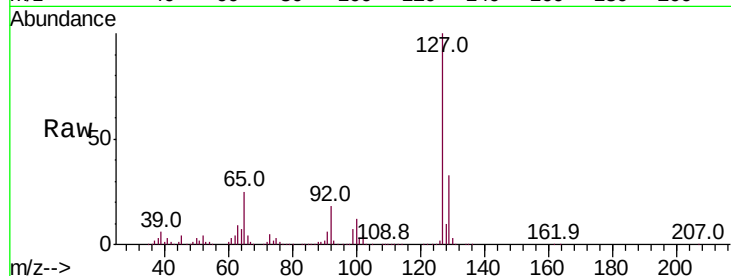


#33
4-Chloroaniline
Concen: 40.126 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:127 Resp: 1357788

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.9	40.3
65	25.5	21.7	32.5
92	17.6	14.8	22.2



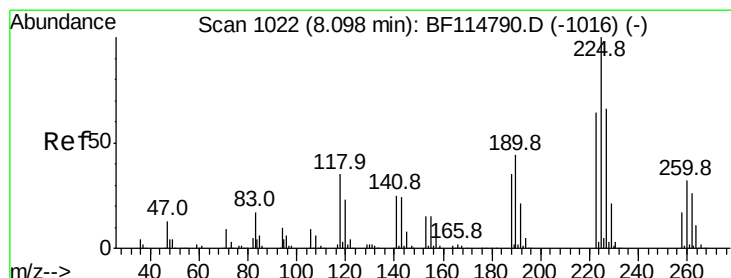
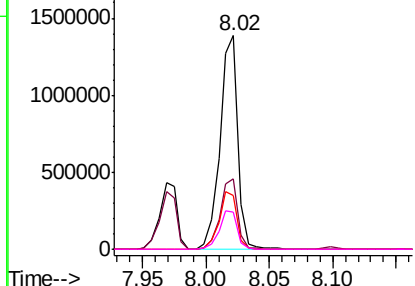
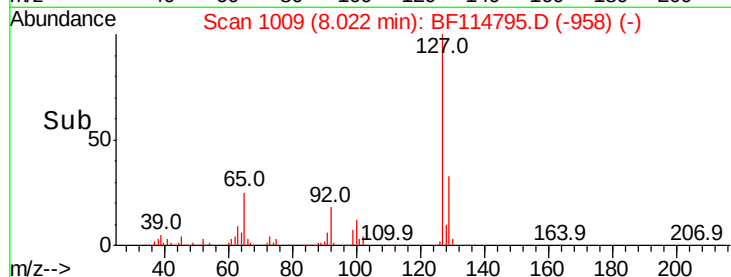
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

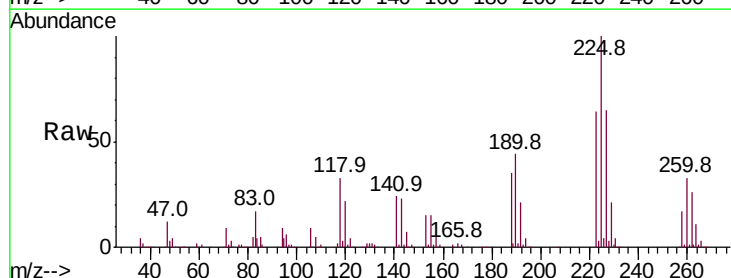
Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.510 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:225 Resp: 606843

Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	64.7	52.6	78.8

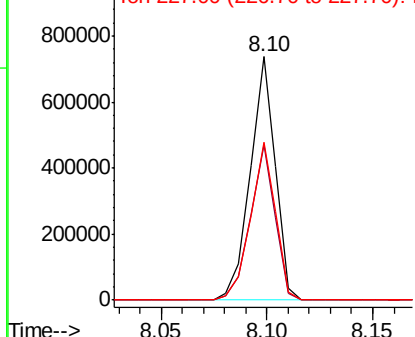
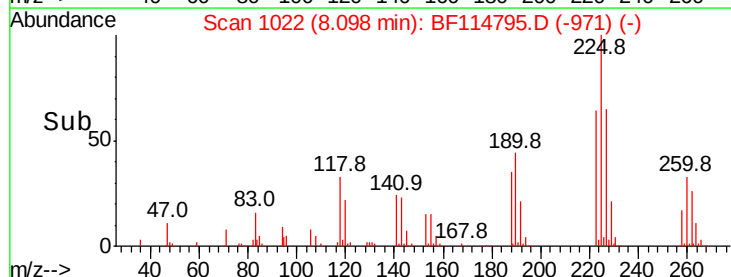


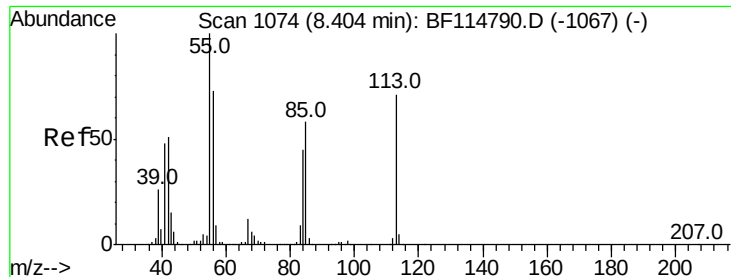
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

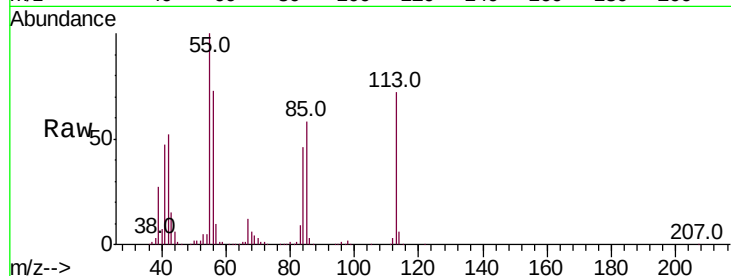




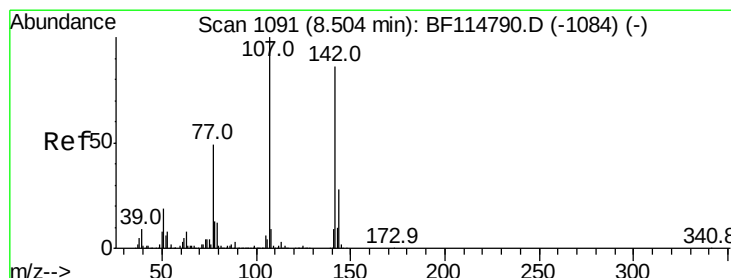
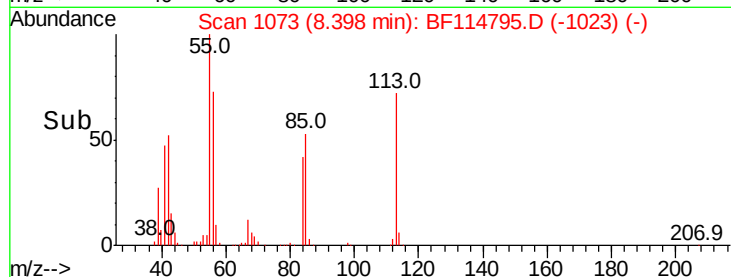
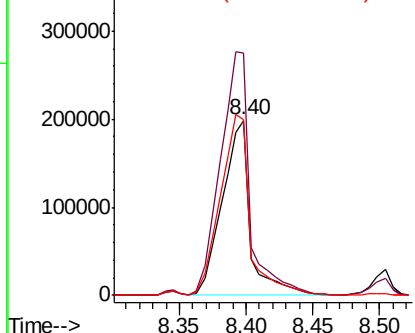
#35
 Caprolactam
 Concen: 38.904 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060419

Tot Ion:113 Resp: 291834
 Ion Ratio Lower Upper
 113 100
 55 138.4 121.1 161.1
 56 100.7 82.6 122.6

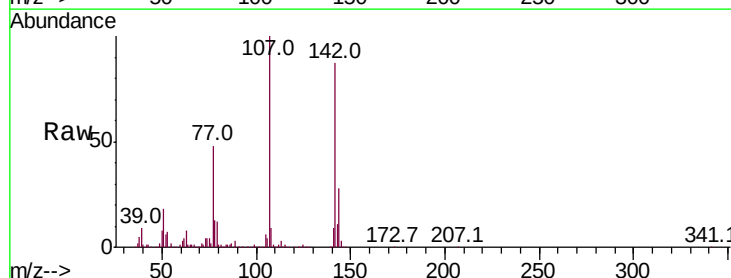


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

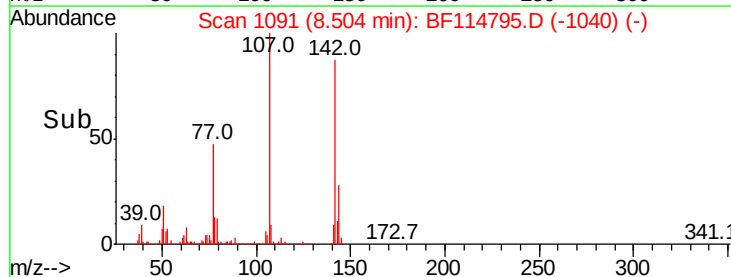
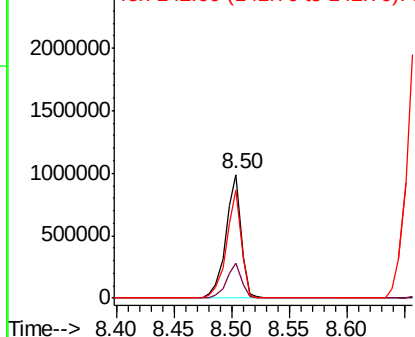


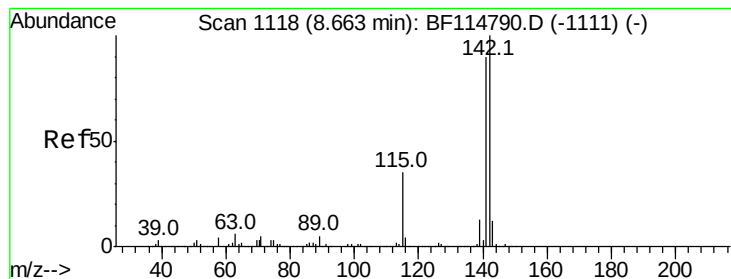
#36
 4-Chloro-3-methylphenol
 Concen: 39.685 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

Tgt Ion:107 Resp: 906807
 Ion Ratio Lower Upper
 107 100
 144 28.4 22.1 33.1
 142 87.2 68.4 102.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.727 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

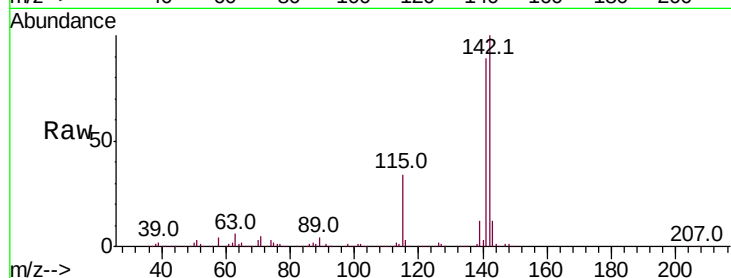
Tot Ion:142 Resp: 2003688

Ion Ratio Lower Upper

142 100

141 89.2 71.6 107.4

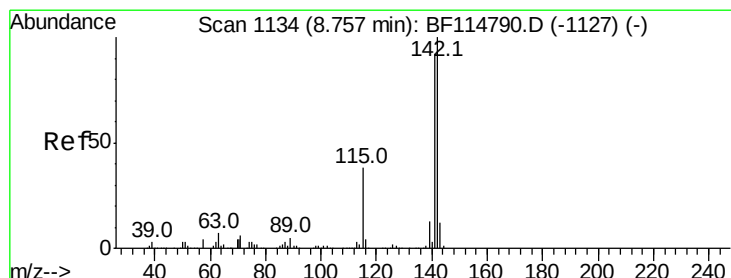
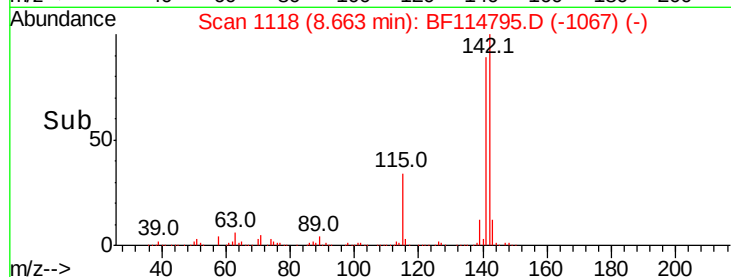
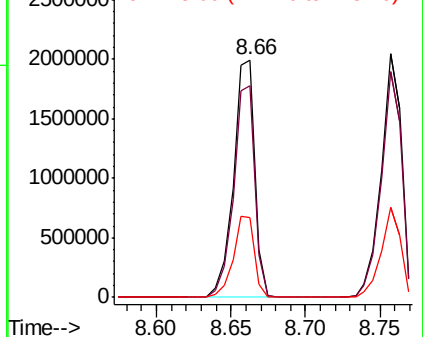
115 33.9 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.696 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

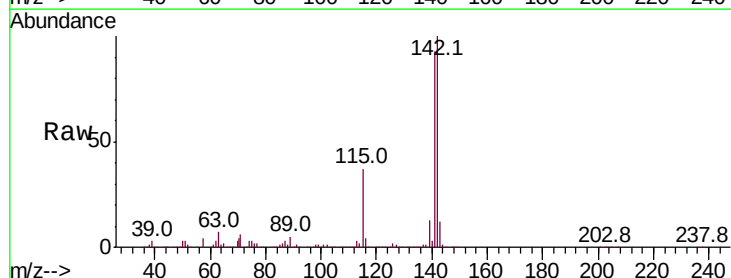
Tgt Ion:142 Resp: 1898740

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.6

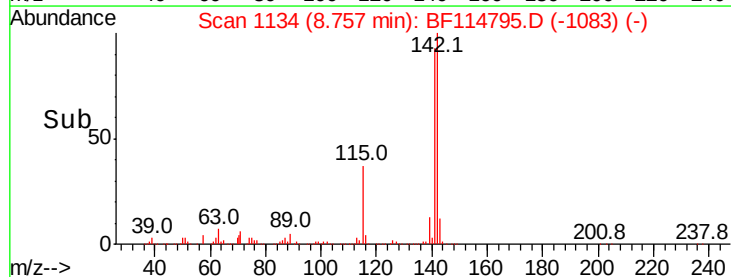
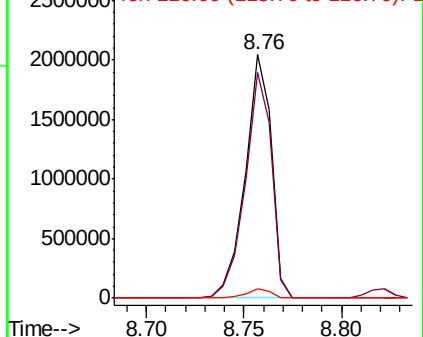
116 4.0 3.3 4.9

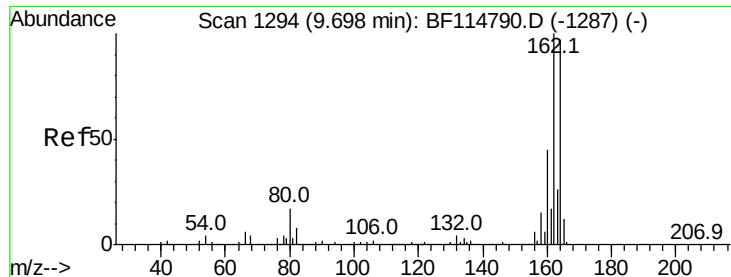


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

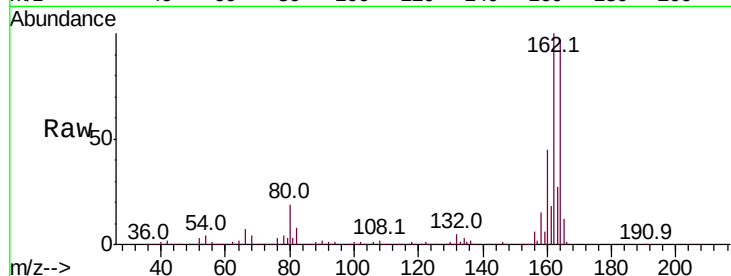




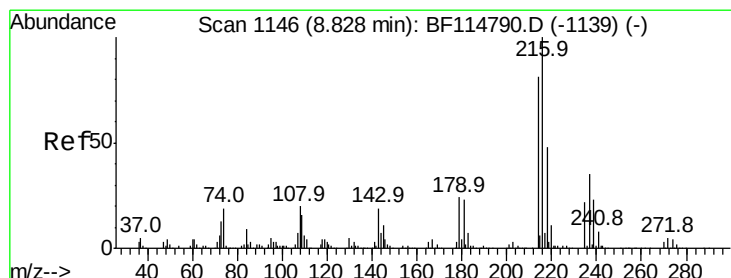
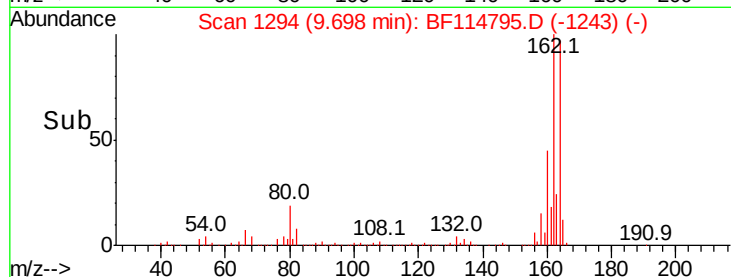
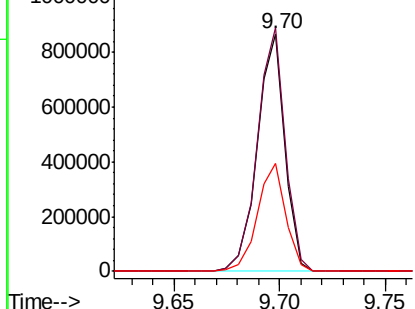
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:164 Resp: 784008
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 45.7 36.7 55.1

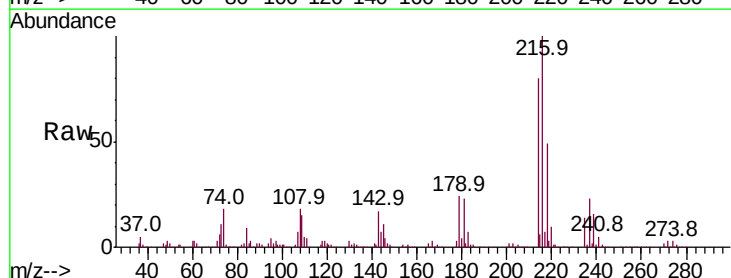


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

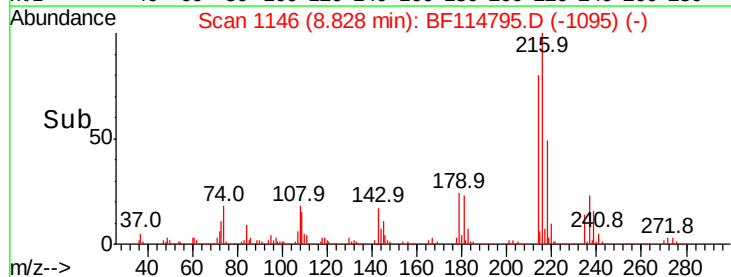
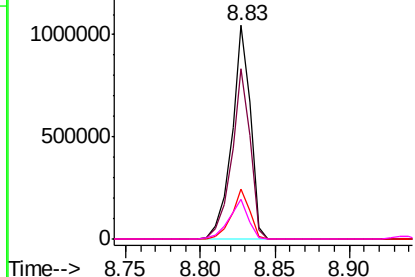


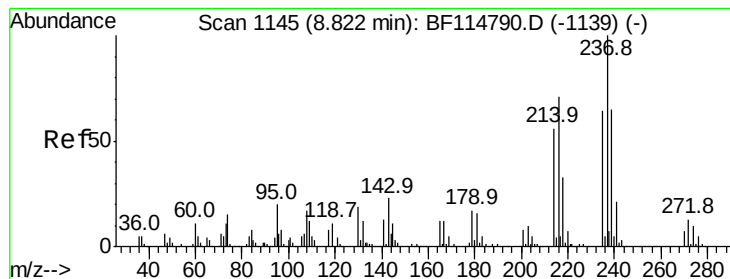
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.695 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:216 Resp: 919463
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 23.0 18.3 27.5
108 19.2 15.5 23.3



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.263 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

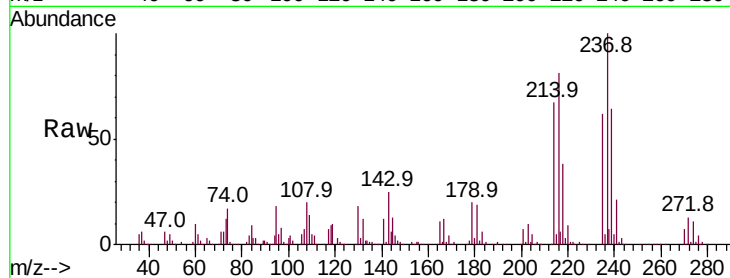
Tot Ion:237 Resp: 551723

Ion Ratio Lower Upper

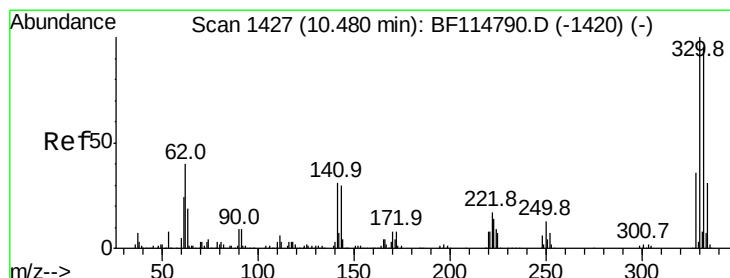
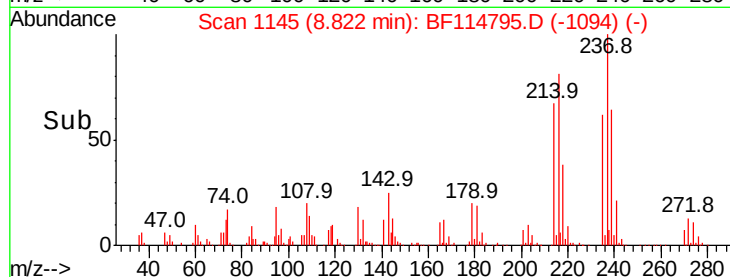
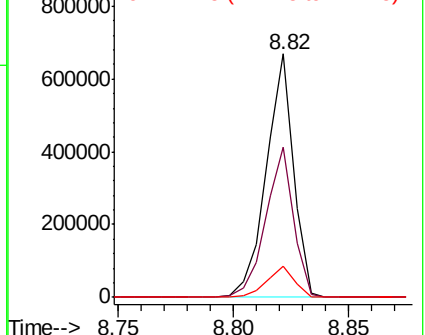
237 100

235 61.9 44.0 84.0

272 12.8 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.681 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

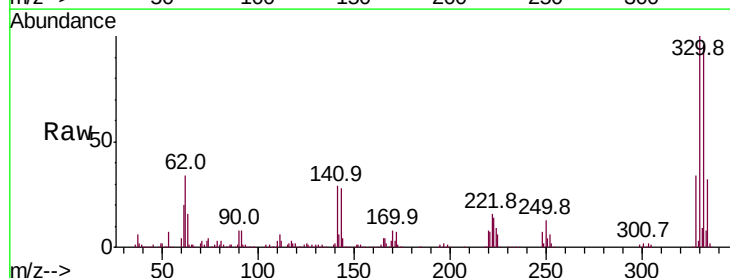
Tgt Ion:330 Resp: 673215

Ion Ratio Lower Upper

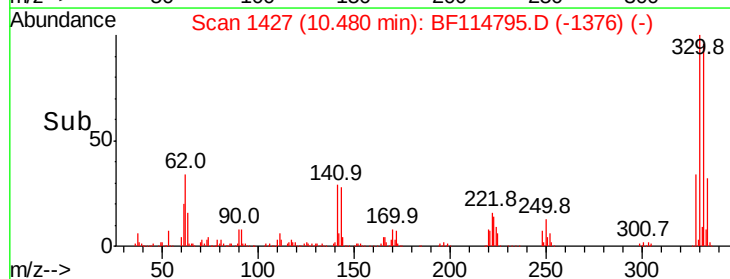
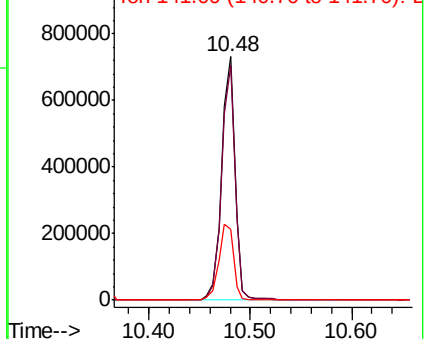
330 100

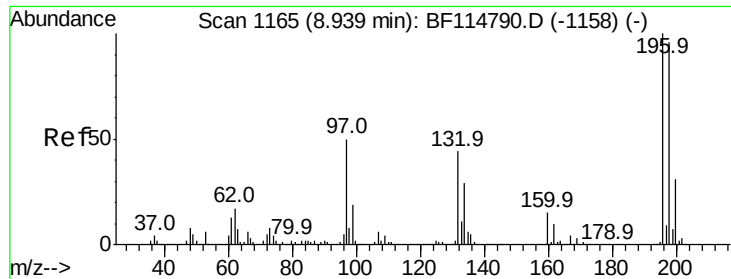
332 96.7 77.3 115.9

141 34.2 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

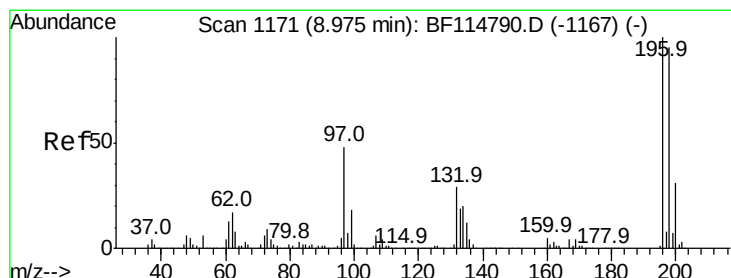
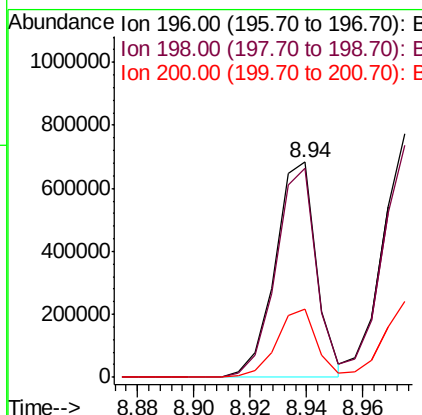
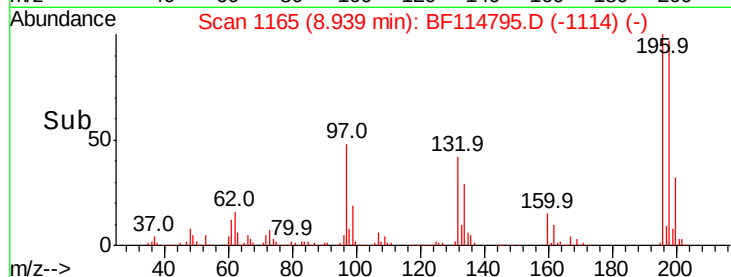
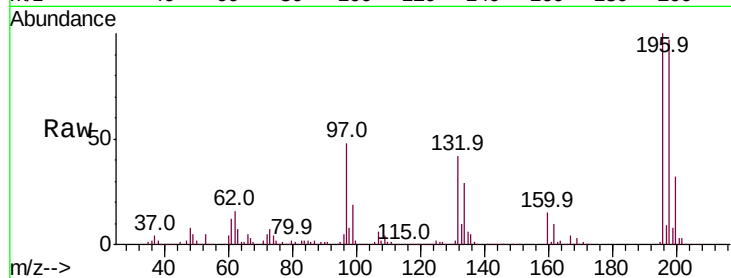




#43
 2,4,6-Trichlorophenol
 Concen: 39.366 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

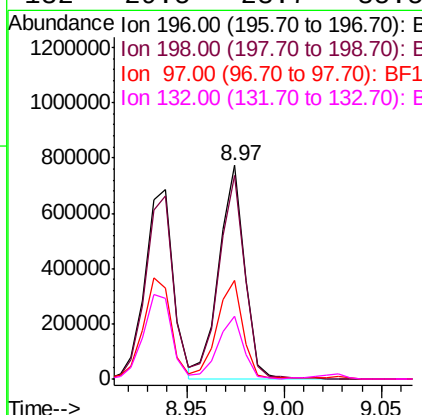
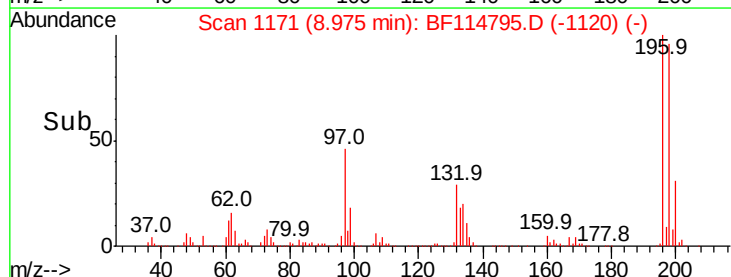
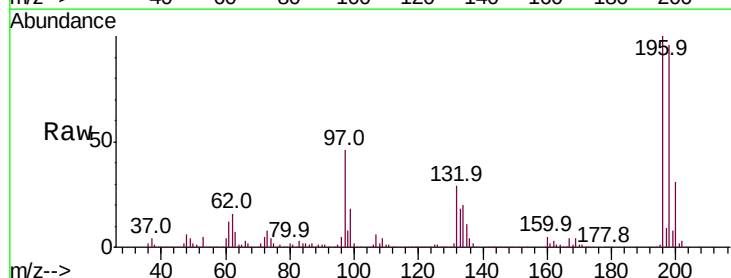
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060419

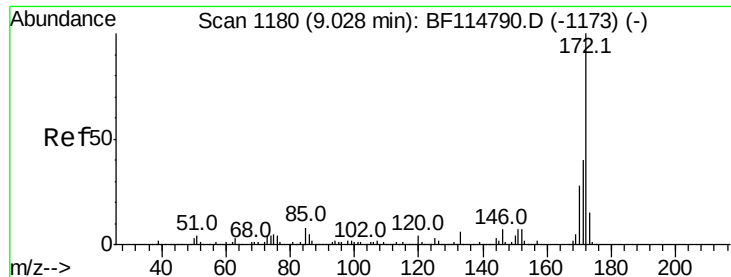
Tot Ion:196 Resp: 691611
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.1 115.7
 200 32.0 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.739 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

Tgt Ion:196 Resp: 703125
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.2 114.4
 97 46.1 38.2 57.4
 132 29.5 23.7 35.5

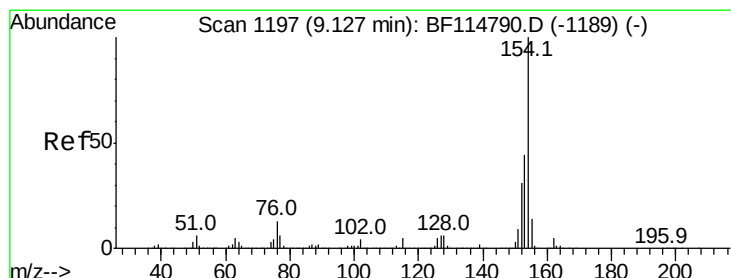
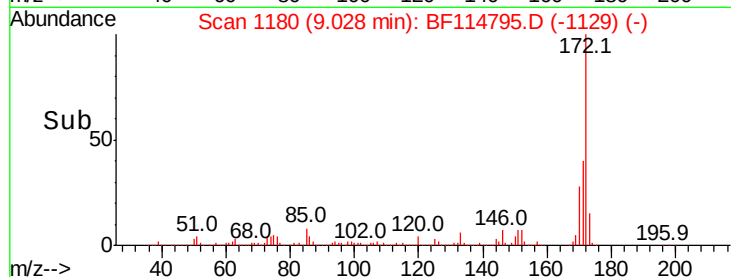
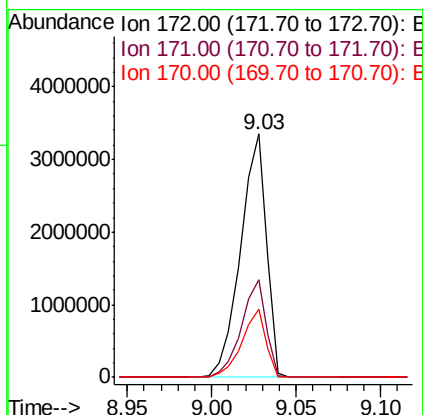
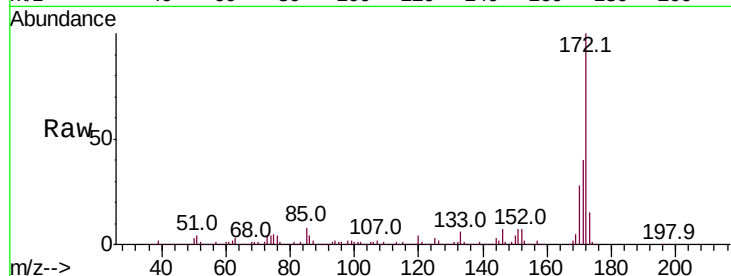




#45
2-Fluorobiphenyl
Concen: 85.782 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

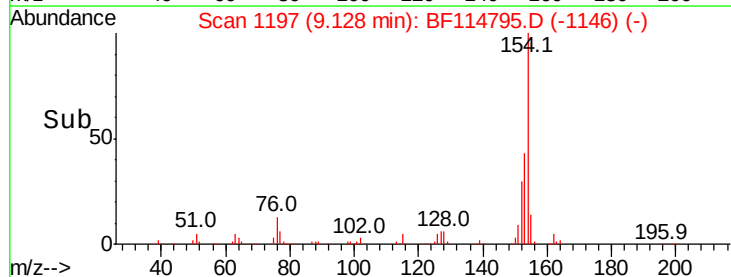
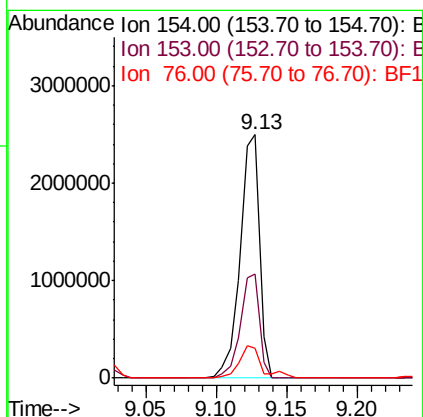
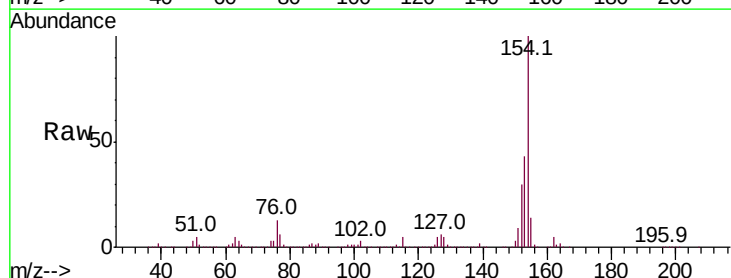
Instrument :
BNA_F
ClientSampleId :
ICVBF060419

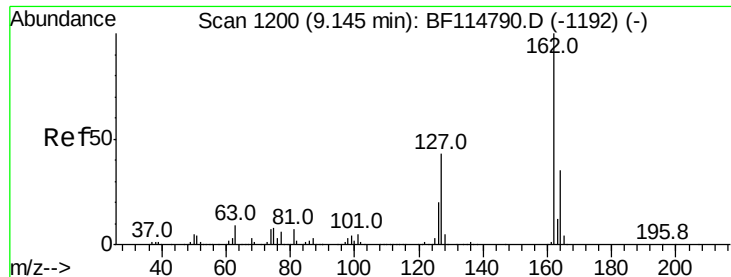
Tot Ion:172 Resp: 3590158
Ion Ratio Lower Upper
172 100
171 40.0 32.3 48.5
170 27.8 22.4 33.6



#46
1,1'-Biphenyl
Concen: 40.979 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:154 Resp: 2381164
Ion Ratio Lower Upper
154 100
153 42.7 23.9 63.9
76 12.5 0.0 33.2

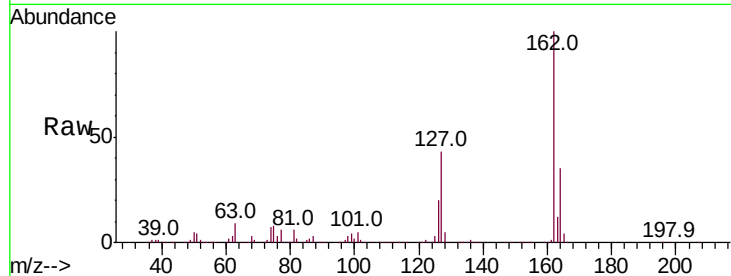




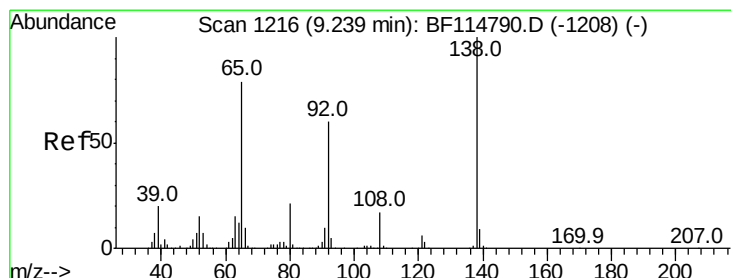
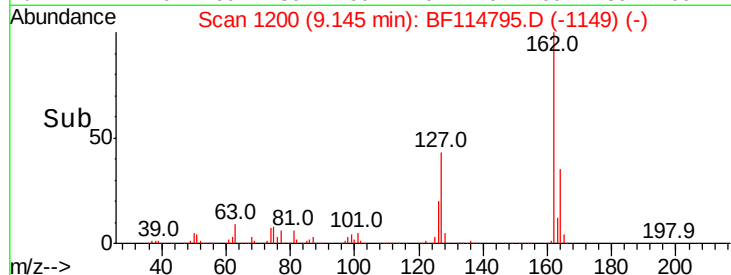
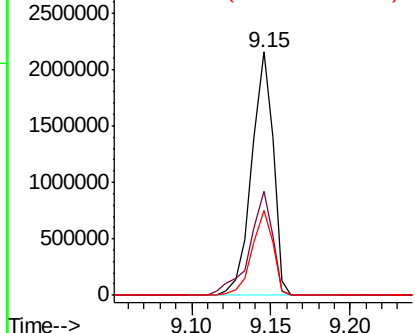
#47
2-Chloronaphthalene
Concen: 41.010 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:162 Resp: 2024836
Ion Ratio Lower Upper
162 100
127 42.8 34.6 51.8
164 35.0 27.8 41.8

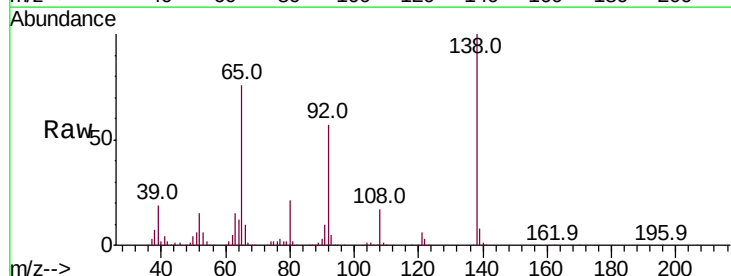


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

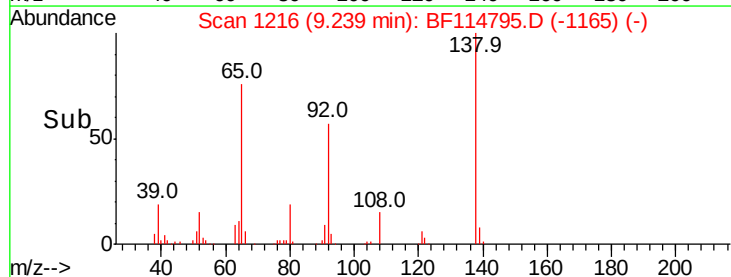
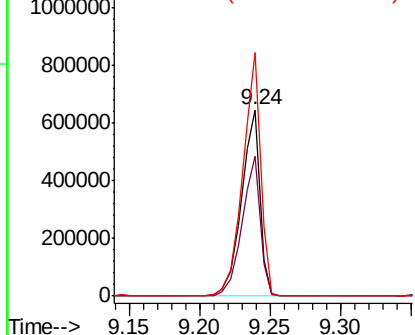


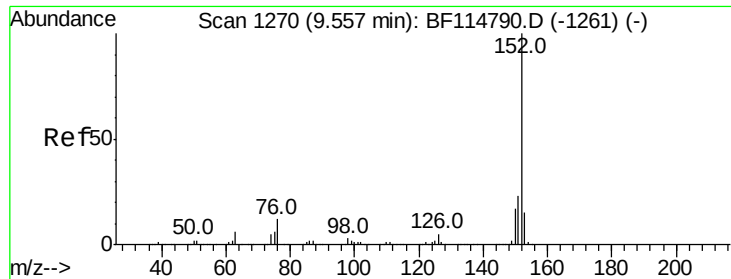
#48
2-Nitroaniline
Concen: 39.761 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion: 65 Resp: 585861
Ion Ratio Lower Upper
65 100
92 75.1 60.4 90.6
138 130.7 101.2 151.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.152 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

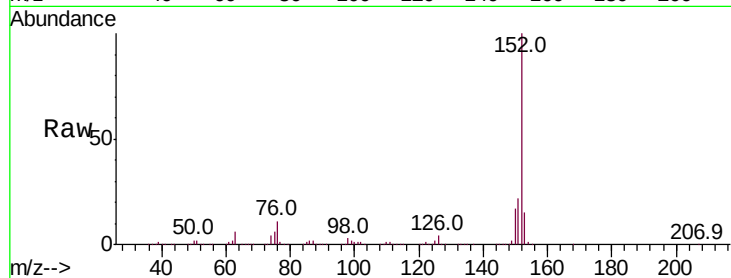
Tot Ion:152 Resp: 2946516

Ion Ratio Lower Upper

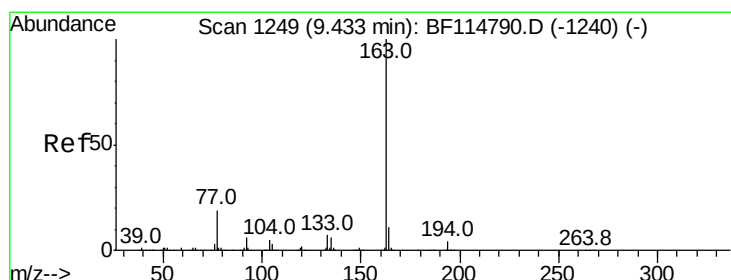
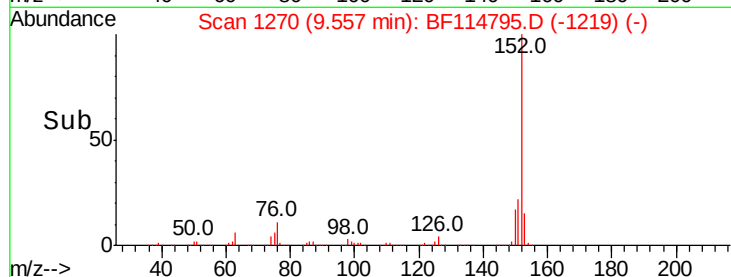
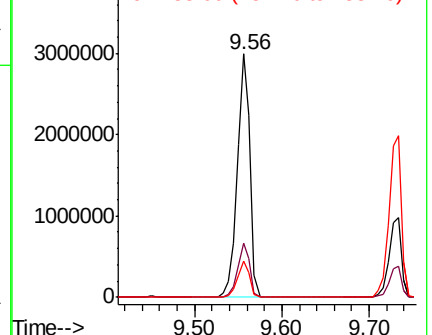
152 100

151 22.1 18.3 27.5

153 14.9 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.430 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

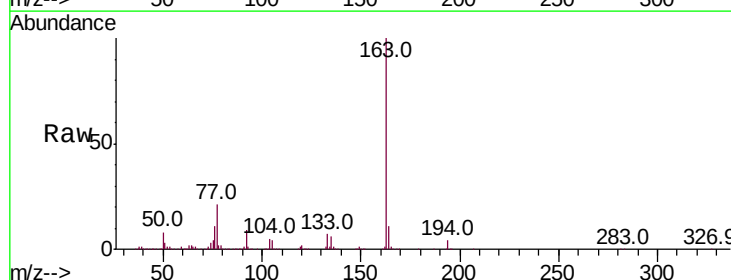
Tgt Ion:163 Resp: 2315085

Ion Ratio Lower Upper

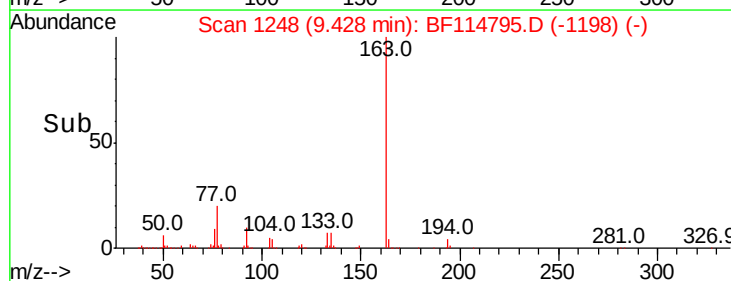
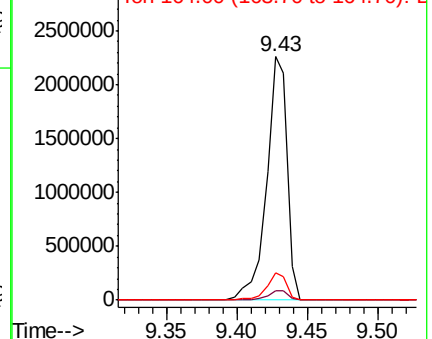
163 100

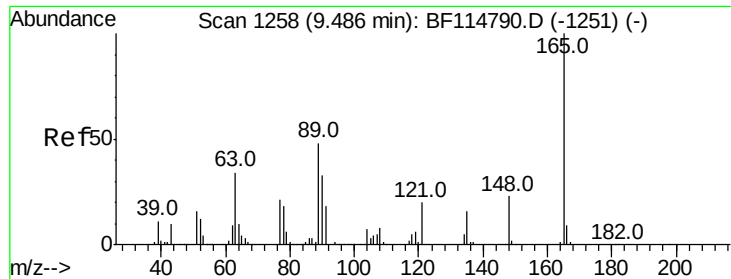
194 4.1 3.4 5.2

164 11.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.985 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

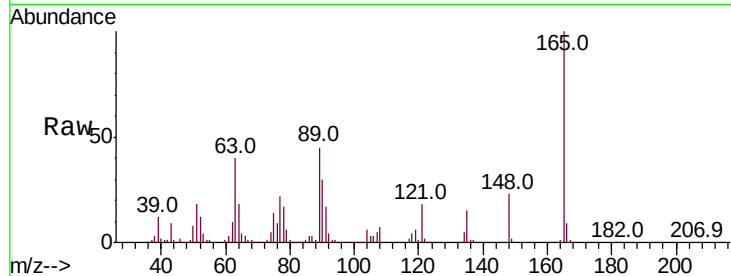
Tot Ion:165 Resp: 538452

Ion Ratio Lower Upper

165 100

63 39.7 35.1 52.7

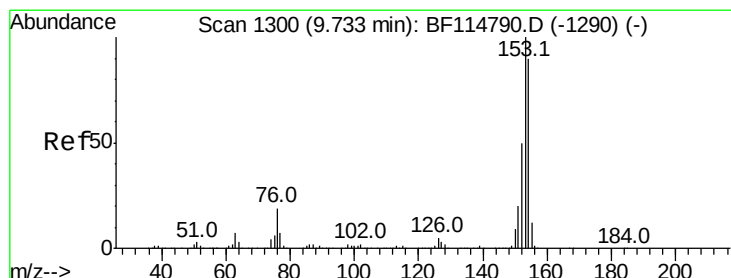
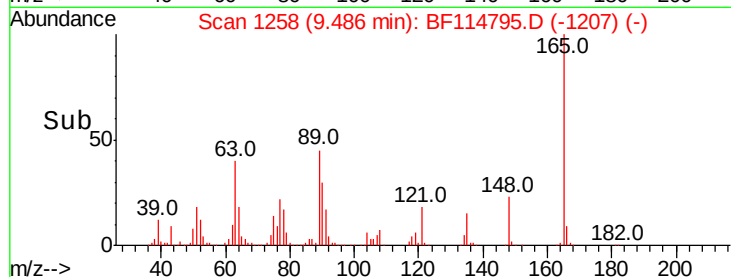
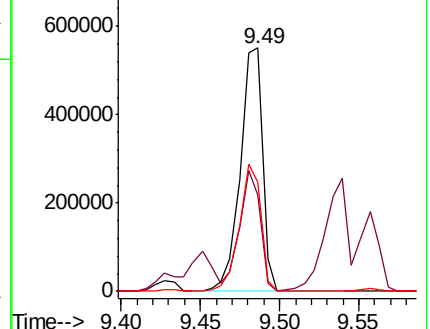
89 45.1 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.408 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

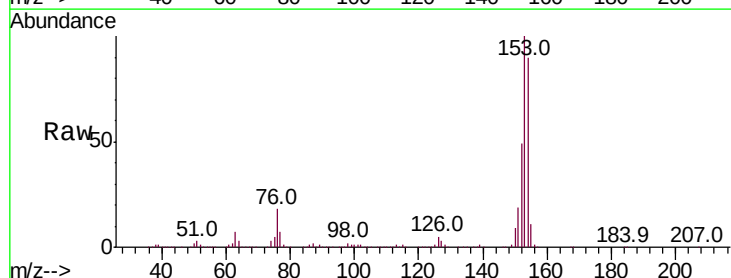
Tgt Ion:154 Resp: 1895302

Ion Ratio Lower Upper

154 100

153 110.8 88.5 132.7

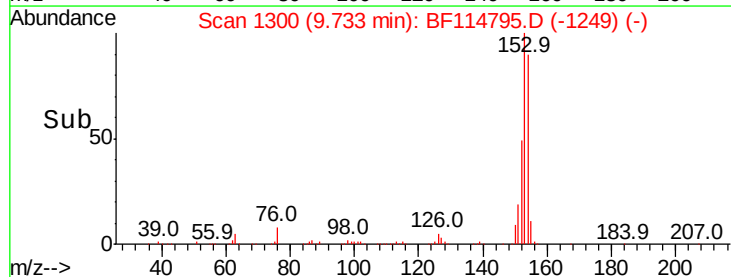
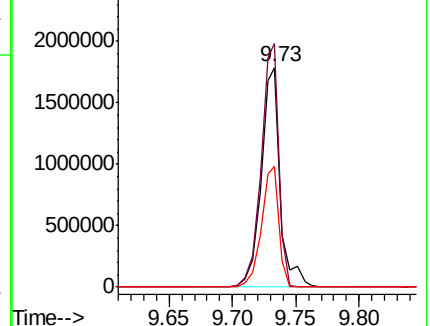
152 54.7 44.1 66.1

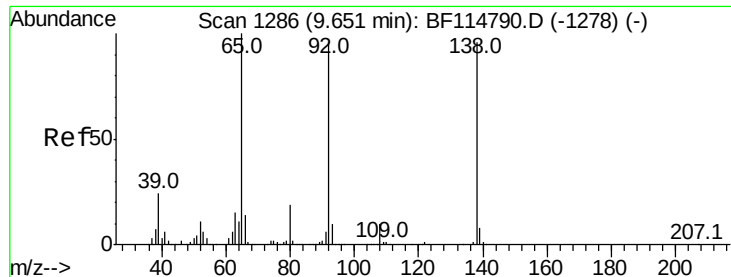


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

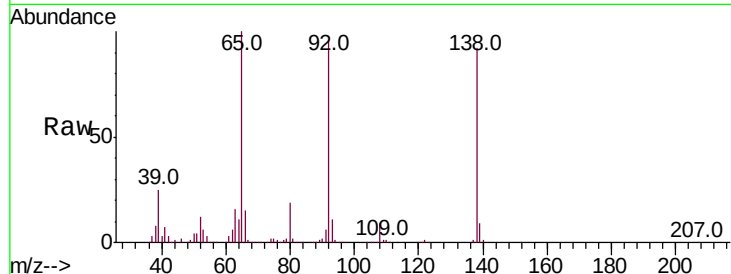




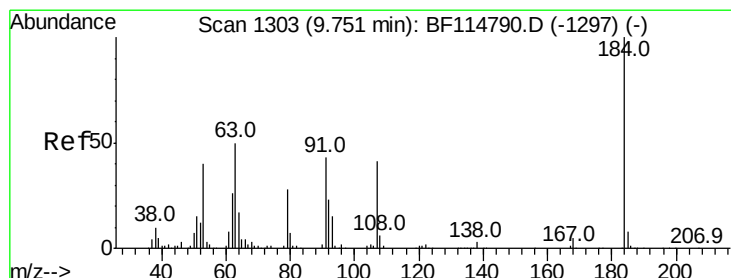
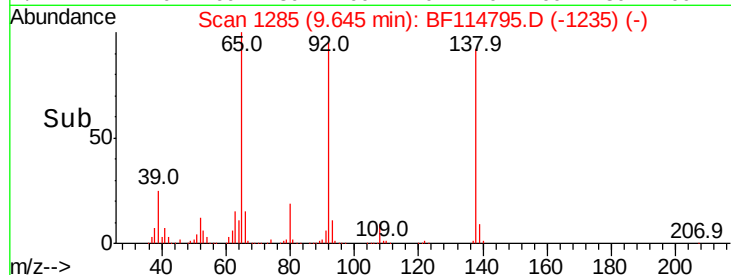
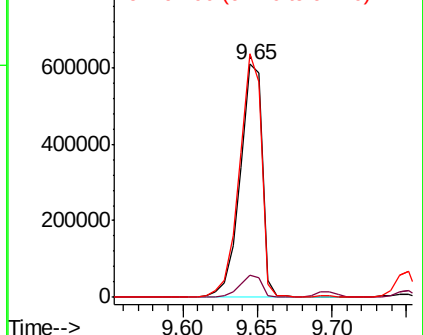
#53
3-Nitroaniline
Concen: 40.086 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:138 Resp: 630609
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 104.5 79.9 119.9

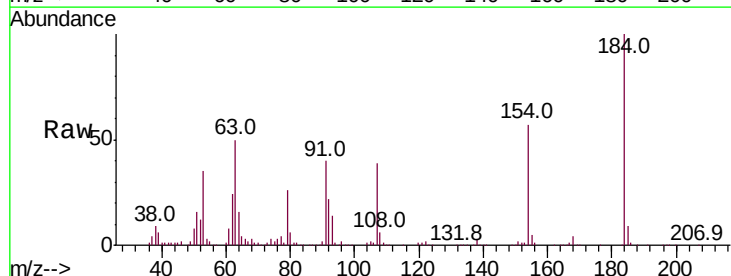


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

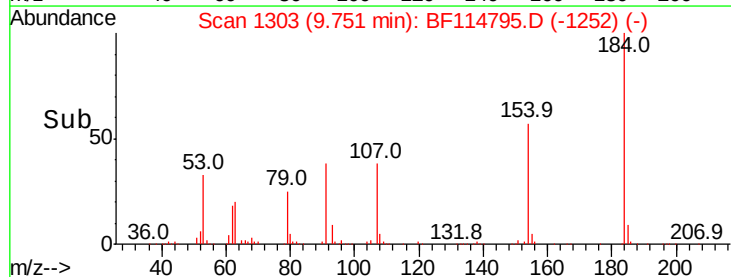
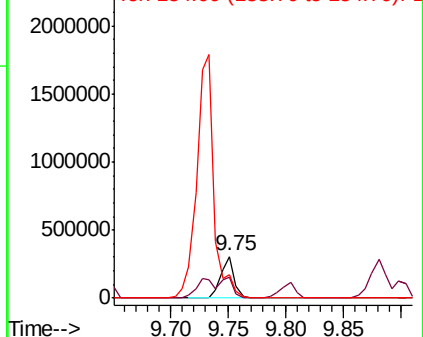


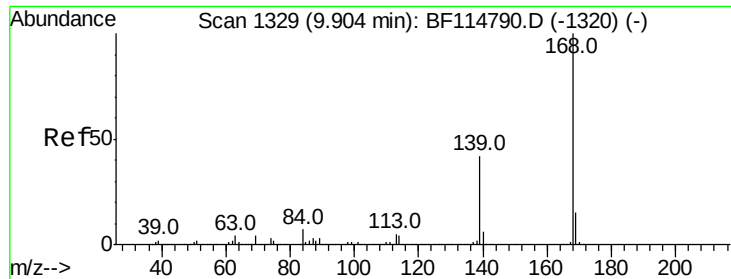
#54
2,4-Dinitrophenol
Concen: 41.413 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:184 Resp: 252358
Ion Ratio Lower Upper
184 100
63 50.0 44.1 66.1
154 57.0 48.1 72.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.251 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

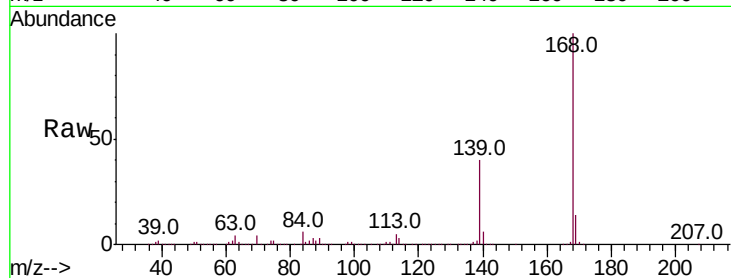
Tot Ion:168 Resp: 2560013

Ion Ratio Lower Upper

168 100

139 40.2 33.8 50.6

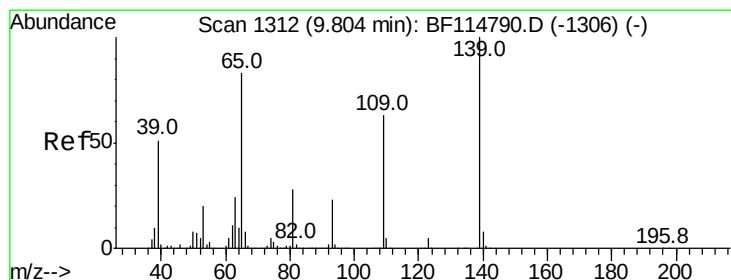
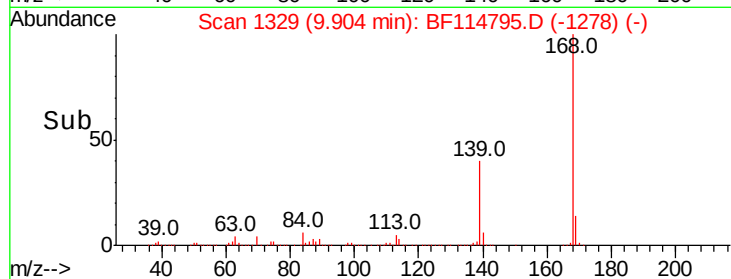
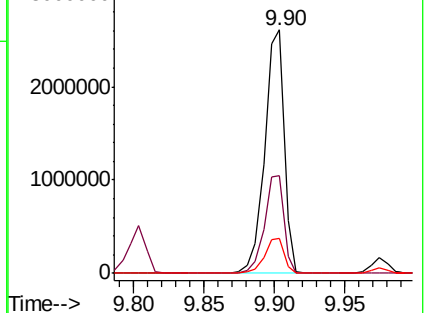
169 14.5 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.448 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

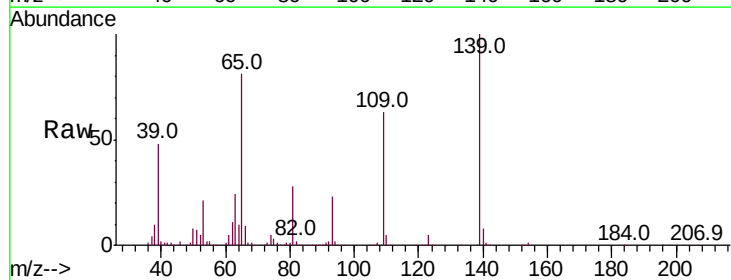
Tgt Ion:139 Resp: 454727

Ion Ratio Lower Upper

139 100

109 63.0 43.5 83.5

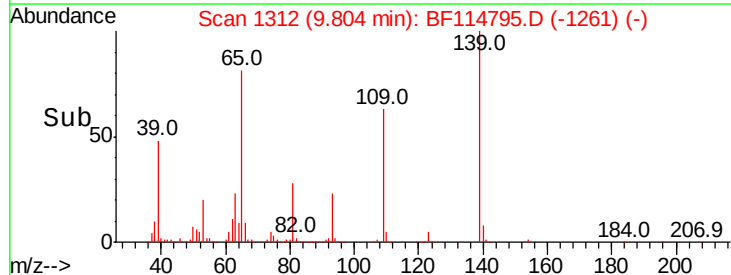
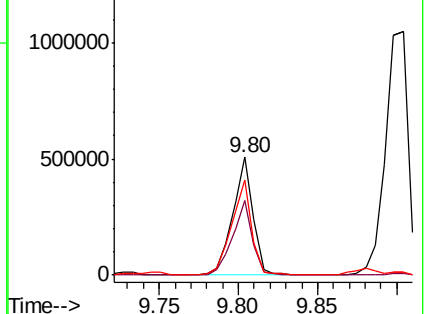
65 81.1 63.2 103.2

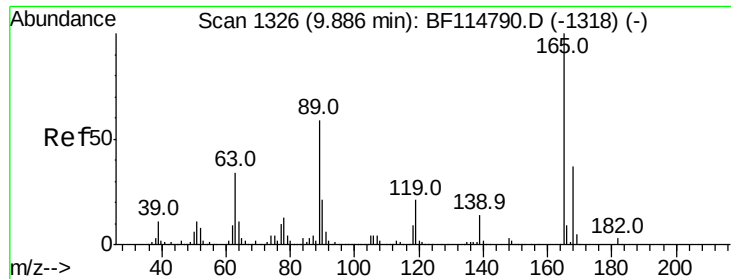


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

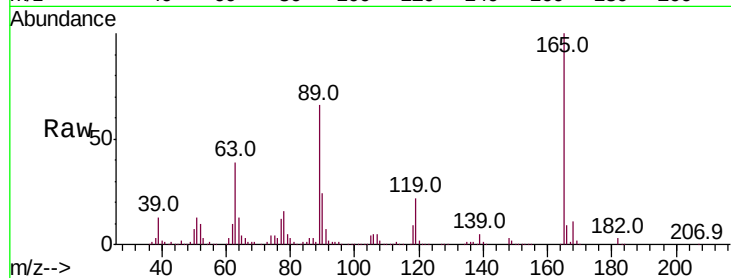




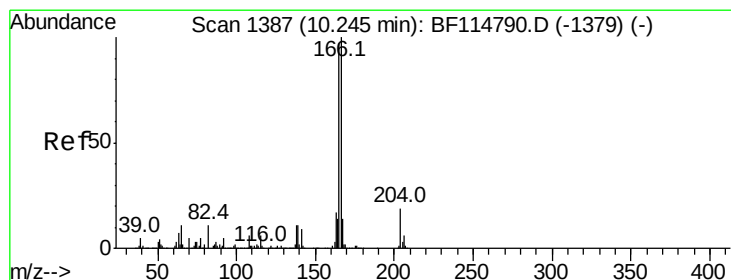
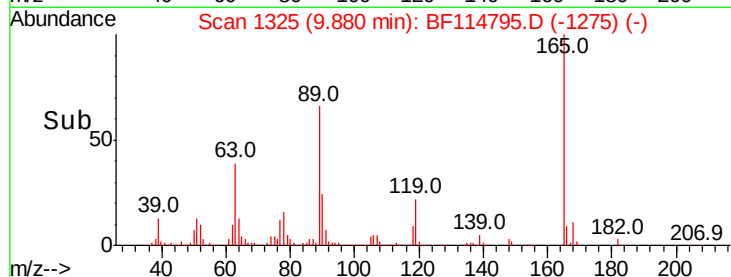
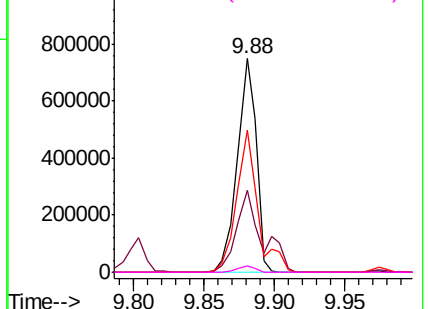
#57
 2,4-Dinitrotoluene
 Concen: 41.392 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060419

Tot Ion:	165	Resp:	700725
Ion	Ratio	Lower	Upper
165	100		
63	38.6	27.0	40.4
89	66.5	47.0	70.6
182	2.8	2.2	3.2

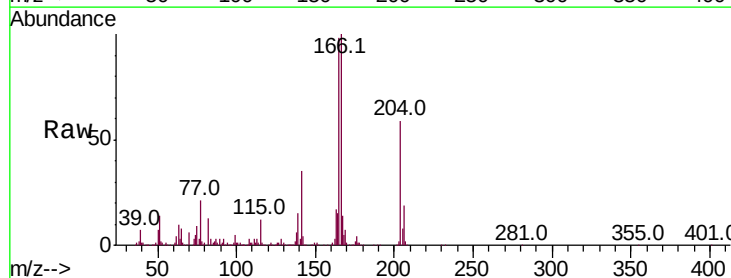


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

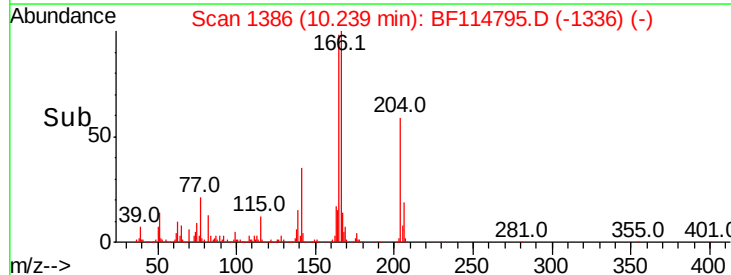
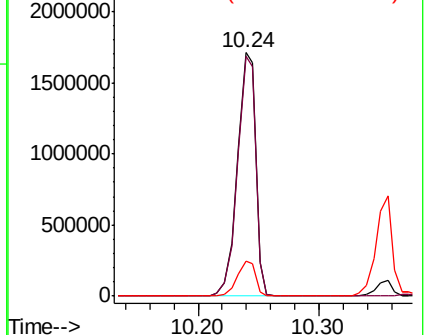


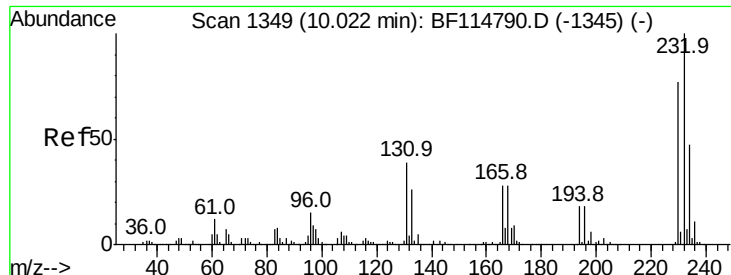
#58
 Fluorene
 Concen: 42.973 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

Tgt Ion:	166	Resp:	1813670
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	14.3	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

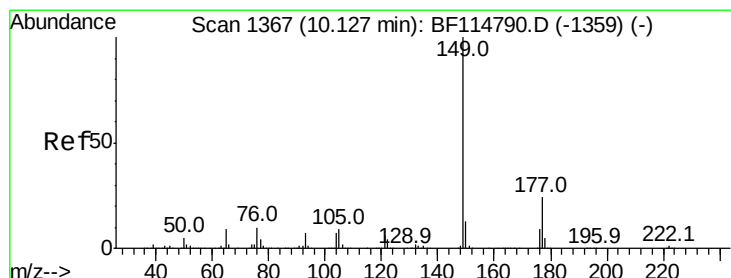
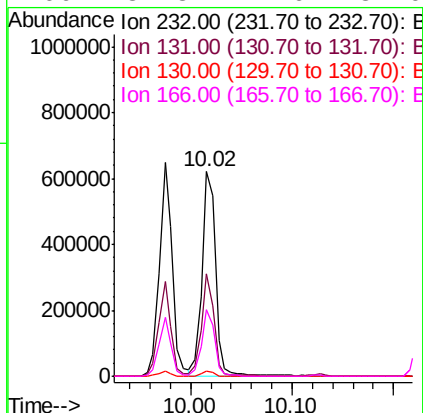
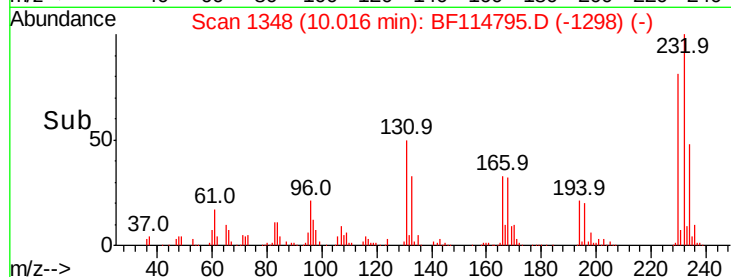
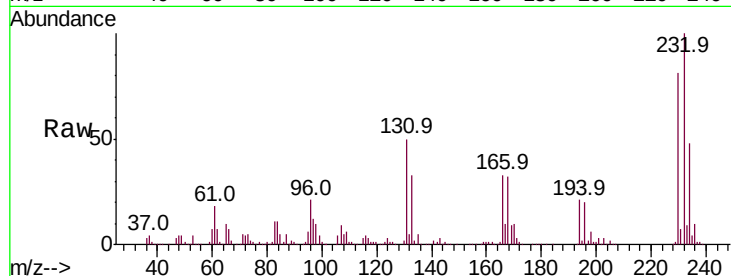




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.800 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

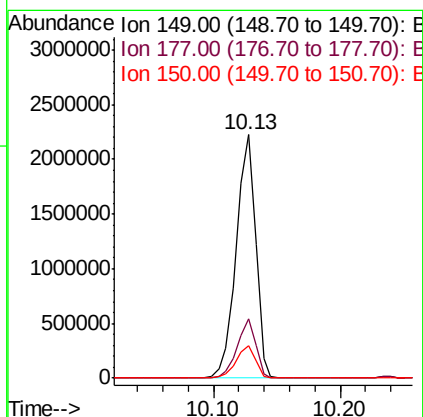
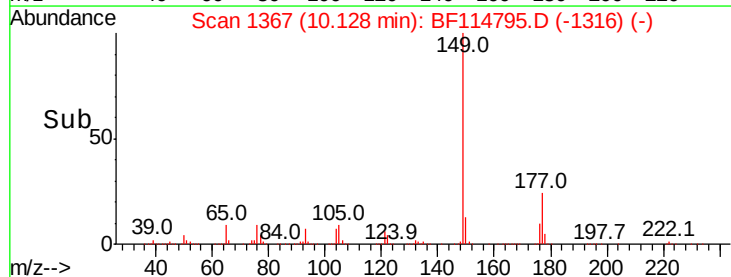
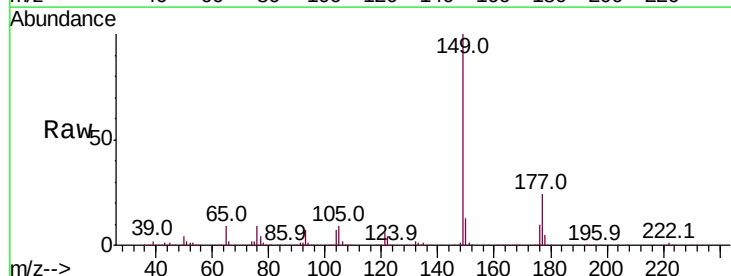
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060419

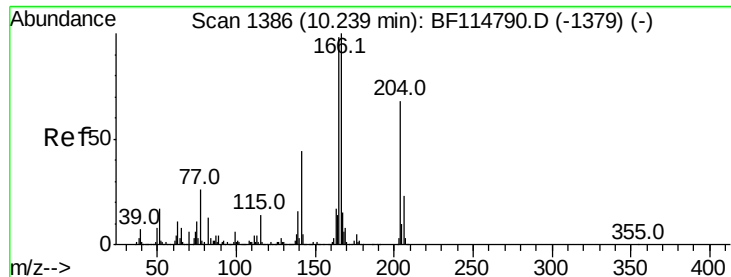
Tot Ion:232 Resp: 576945
 Ion Ratio Lower Upper
 232 100
 131 46.6 36.8 55.2
 130 2.3 1.8 2.6
 166 31.3 24.6 37.0



#60
 Diethylphthalate
 Concen: 40.669 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

Tgt Ion:149 Resp: 2336770
 Ion Ratio Lower Upper
 149 100
 177 24.3 19.3 28.9
 150 13.4 10.7 16.1





#61

4-Chlorophenyl-phenylether

Concen: 37.466 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

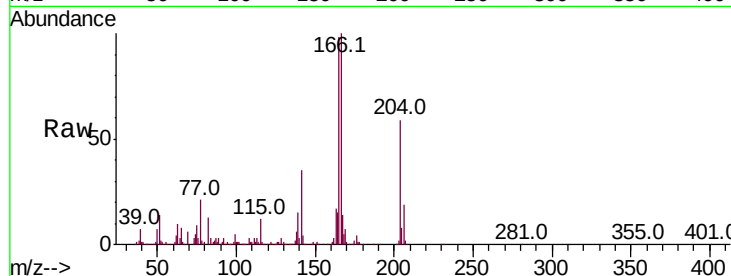
Tot Ion:204 Resp: 935920

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

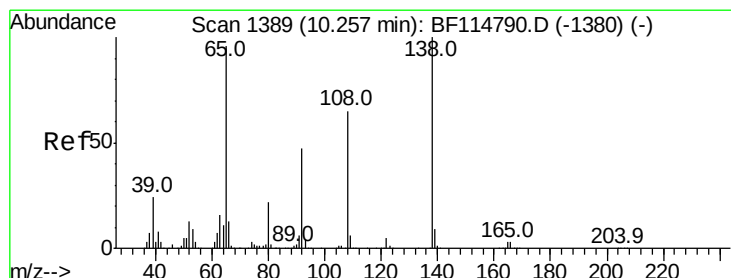
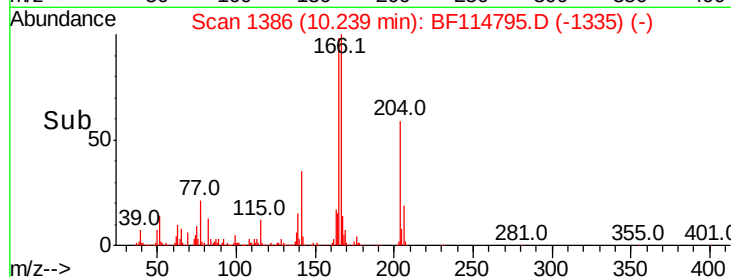
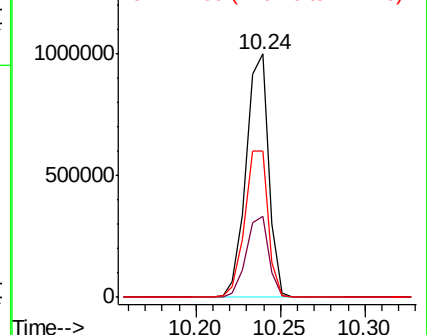
141 60.0 51.0 76.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 39.156 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

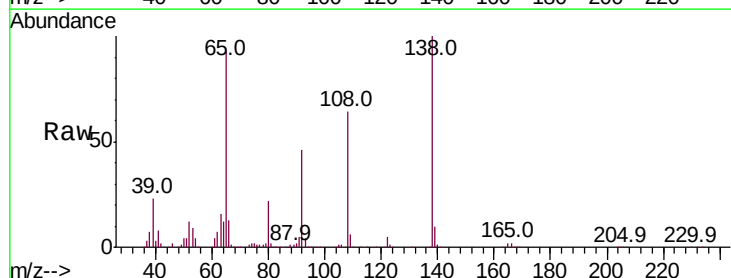
Tgt Ion:138 Resp: 597461

Ion Ratio Lower Upper

138 100

92 45.5 26.5 66.5

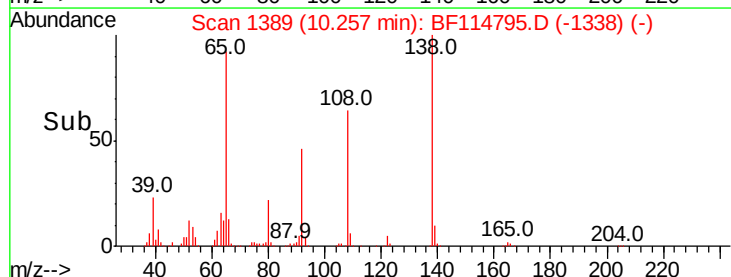
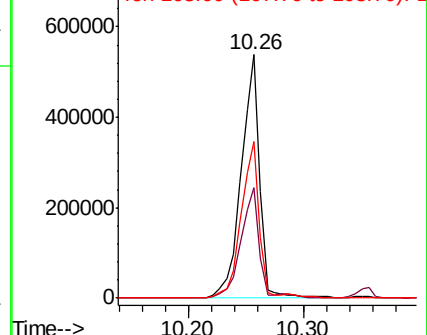
108 64.3 45.4 85.4

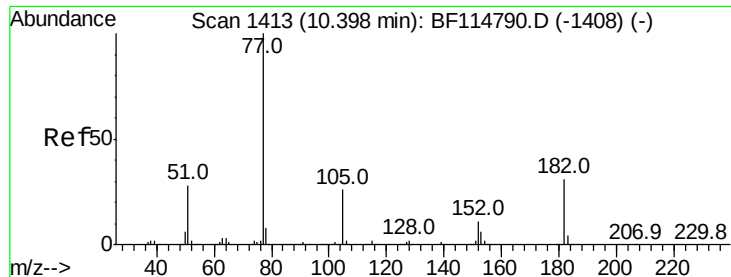


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.626 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

Tot Ion: 77 Resp: 1987004

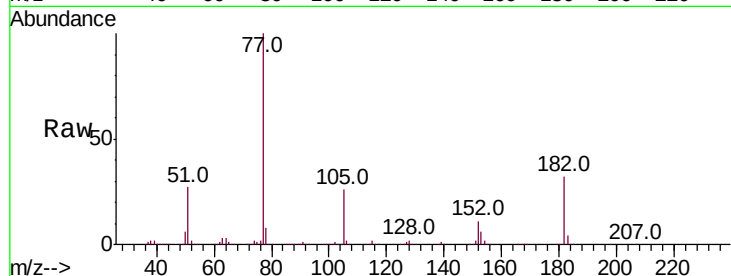
Ion	Ratio	Lower	Upper
77	100		
182	31.9	11.2	51.2
105	25.5	5.7	45.7
51	27.0	8.0	48.0

77 100

182 31.9 11.2 51.2

105 25.5 5.7 45.7

51 27.0 8.0 48.0



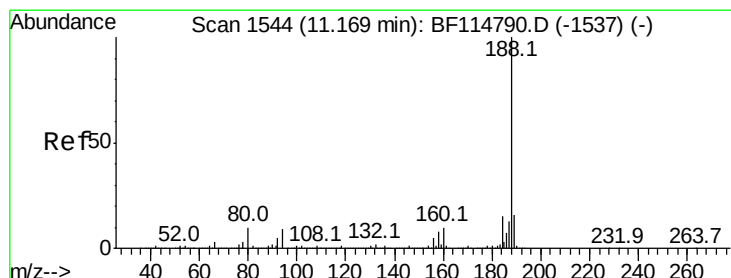
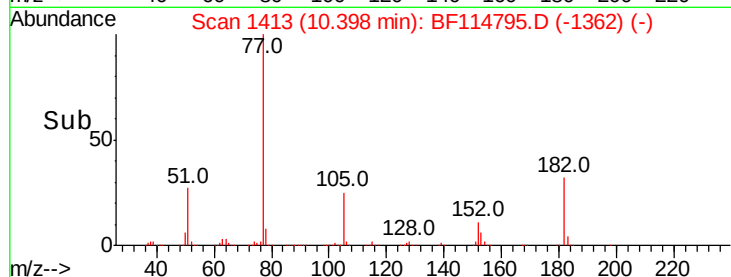
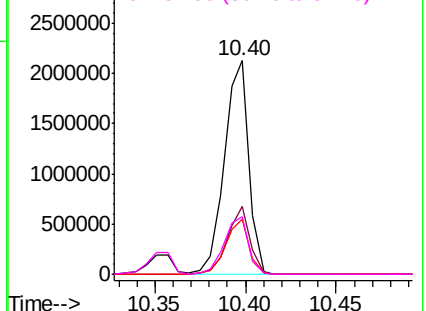
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

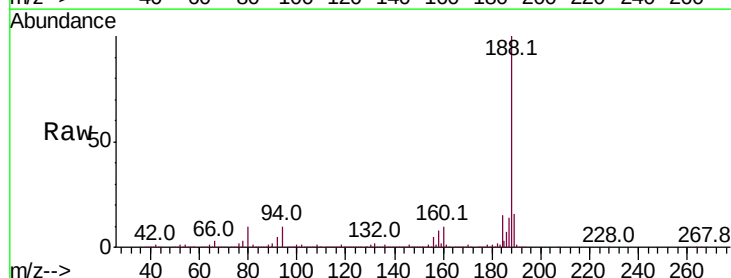
Tgt Ion: 188 Resp: 1478063

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	9.9	8.3	12.5

188 100

94 9.6 7.6 11.4

80 9.9 8.3 12.5

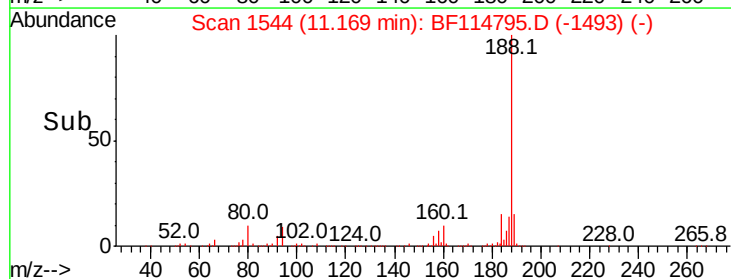
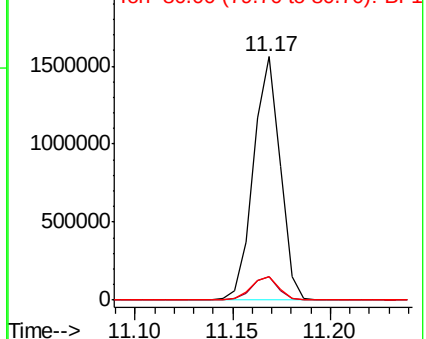


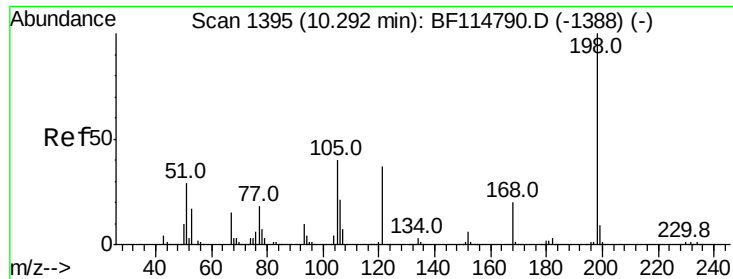
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

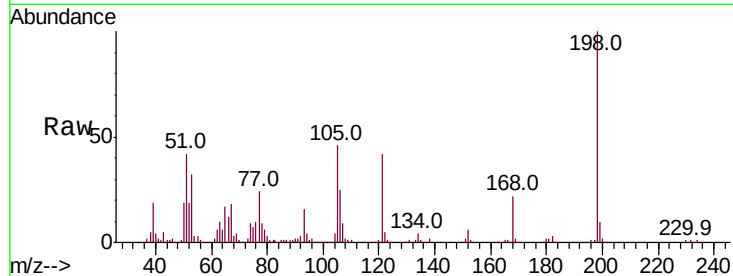




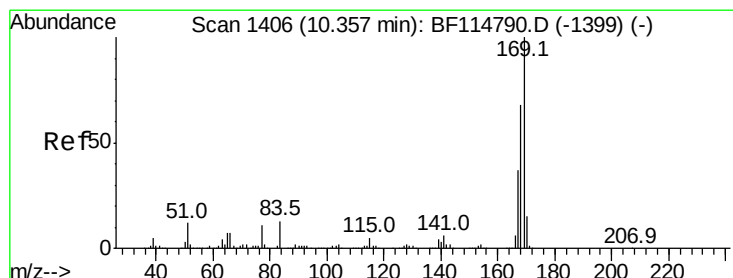
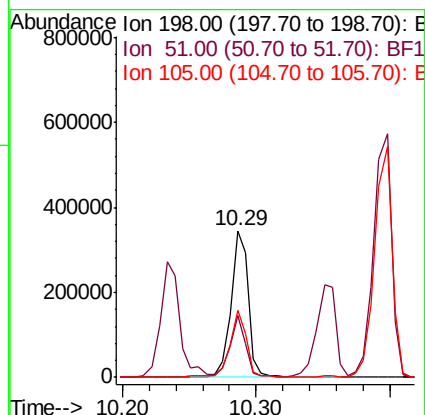
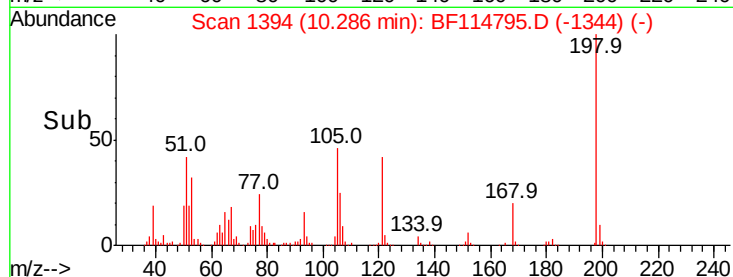
#65
4,6-Dinitro-2-methylphenol
Concen: 41.443 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:198 Resp: 318195
Ion Ratio Lower Upper
198 100
51 42.4 14.9 54.9
105 46.0 21.0 61.0

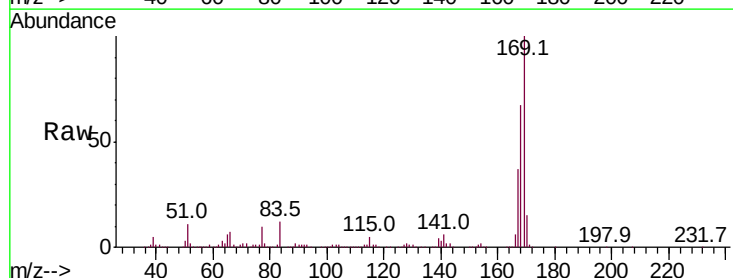


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

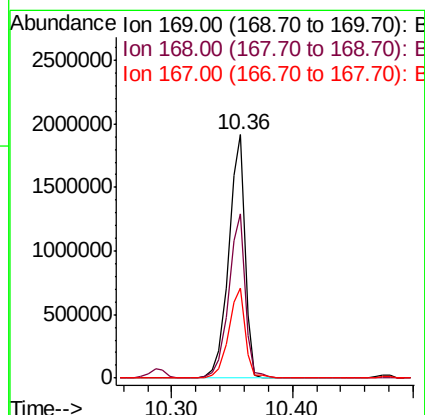
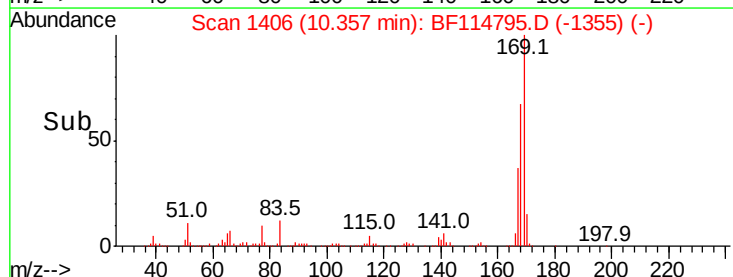


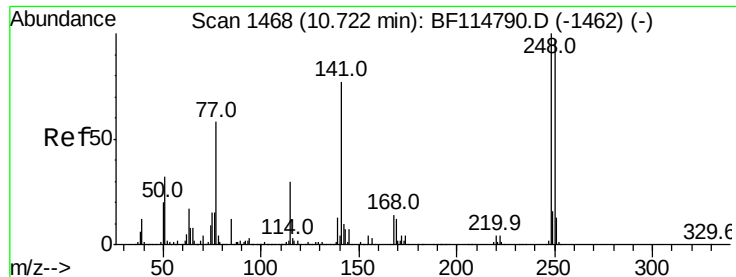
#66
n-Nitrosodiphenylamine
Concen: 39.879 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:169 Resp: 1782326
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 36.9 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

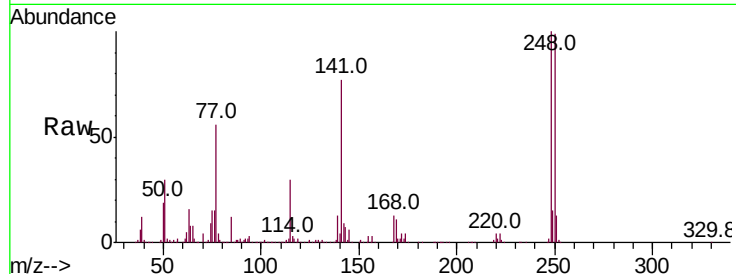




#67
4-Bromophenyl-phenylether
Concen: 39.709 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.5	116.3
141	77.2	61.8	92.8

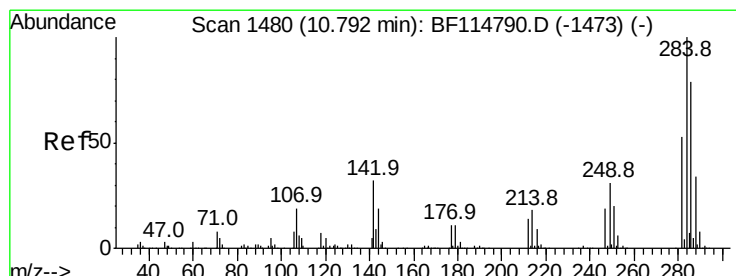
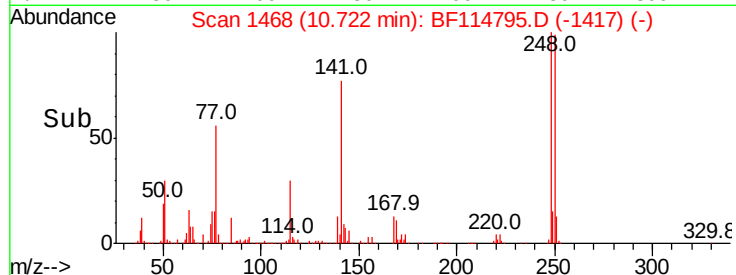
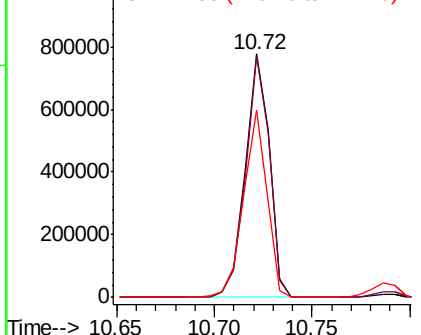


Abundance

Ion 248.00 (247.70 to 248.70): E

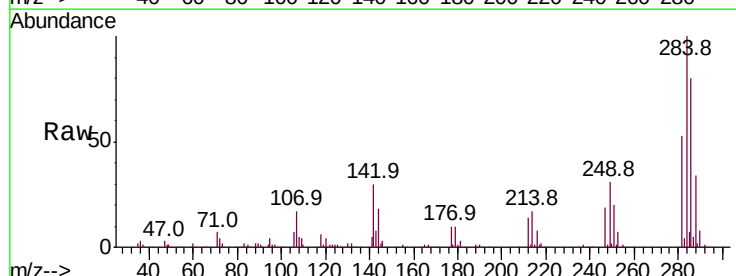
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.261 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.3	37.9
249	31.3	24.9	37.3

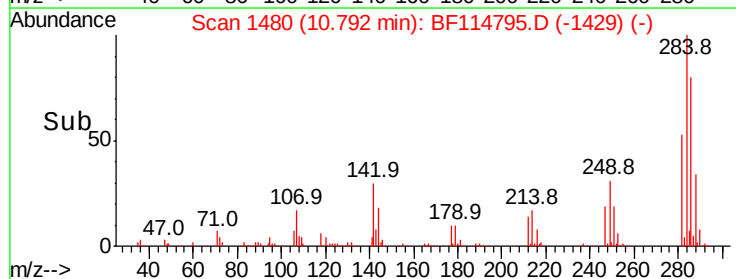
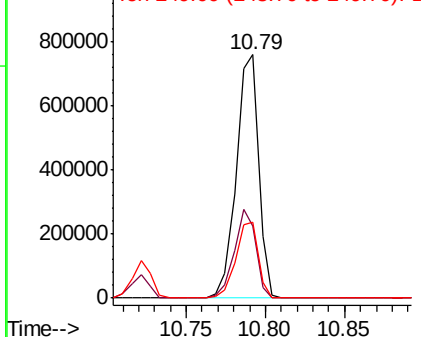


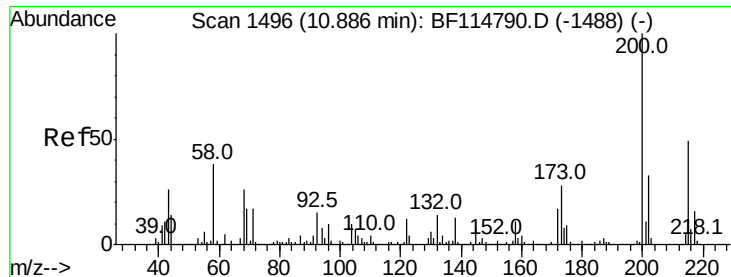
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

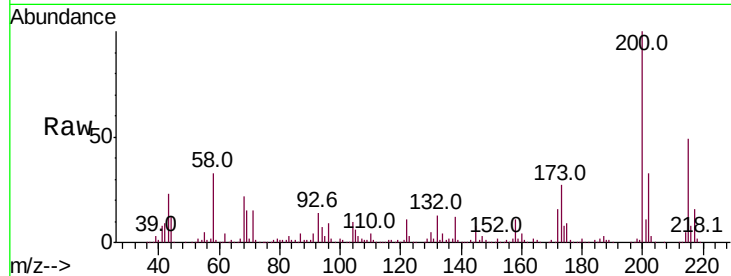




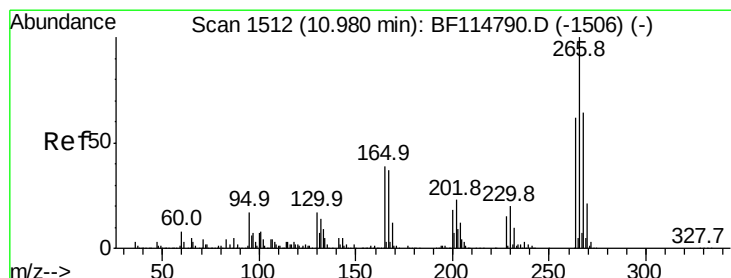
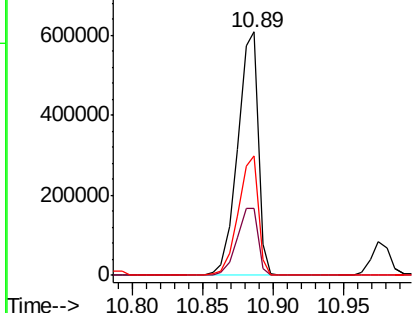
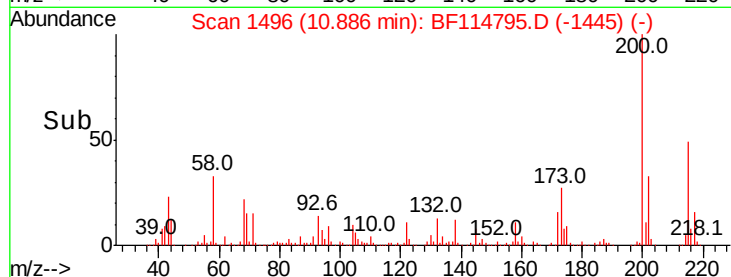
#69
 Atrazine
 Concen: 39.441 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060419

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.0	48.0
215	48.8	28.7	68.7

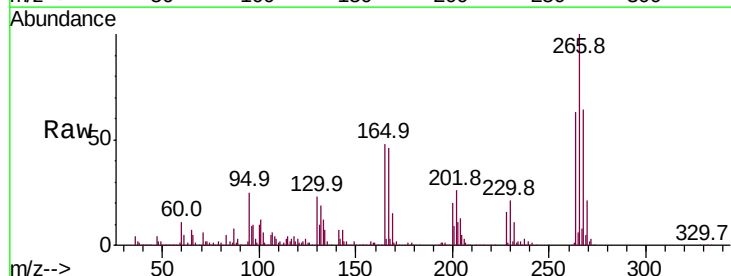


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

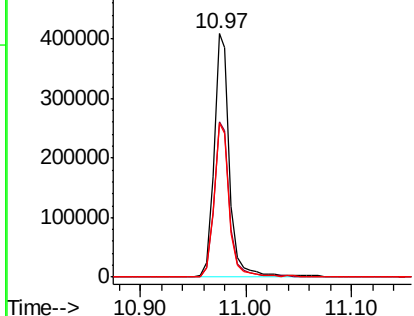
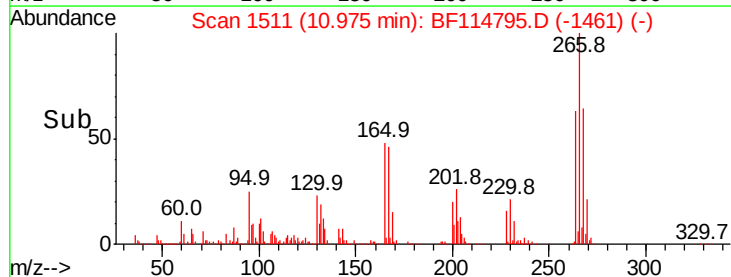


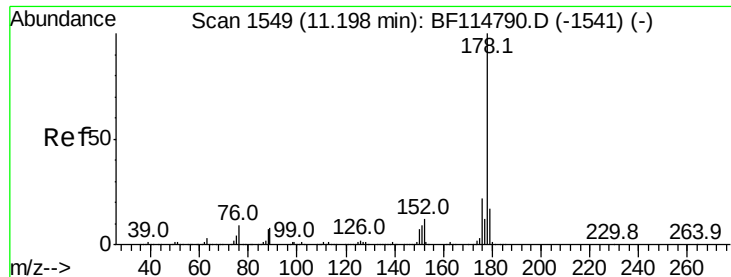
#70
 Pentachlorophenol
 Concen: 40.376 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF114795.D
 Acq: 4 Jun 2019 16:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	63.5	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

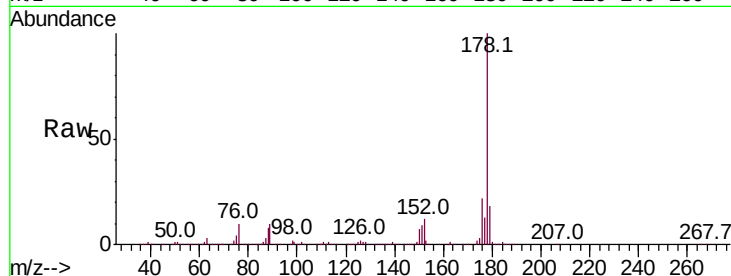




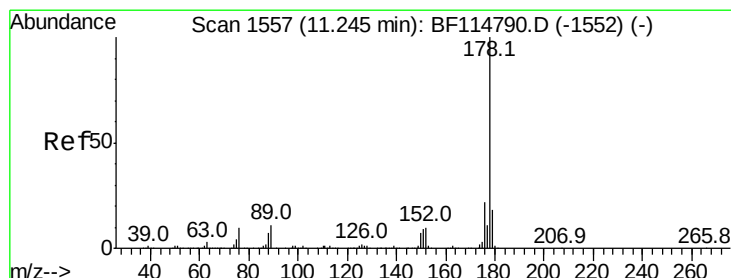
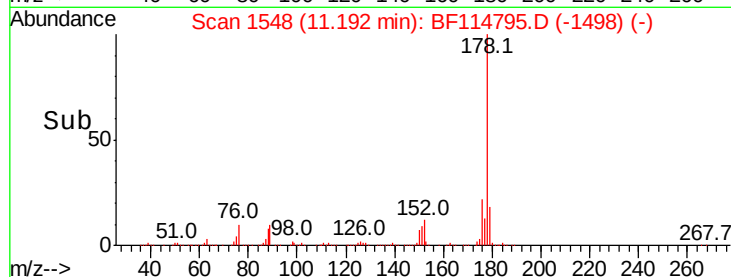
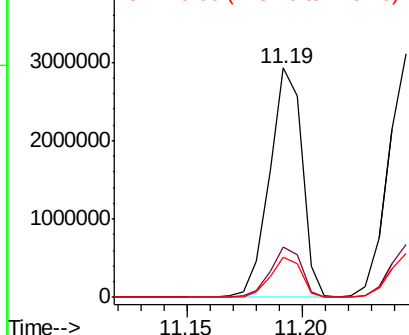
#71
Phenanthrene
Concen: 40.539 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Instrument :
BNA_F
ClientSampleId :
ICVBF060419

Tot Ion:178 Resp: 2860468
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.5 13.7 20.5

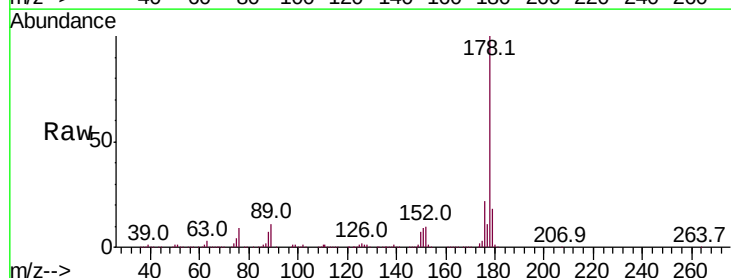


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

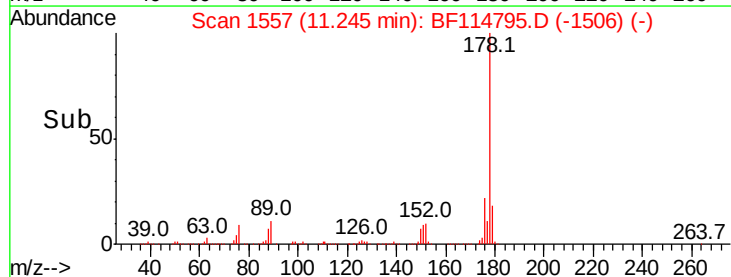
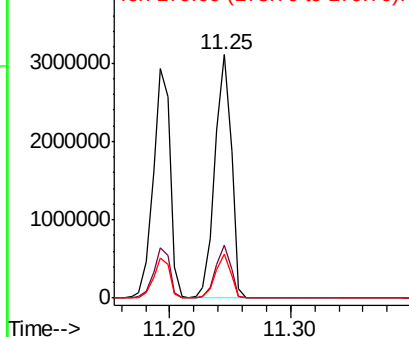


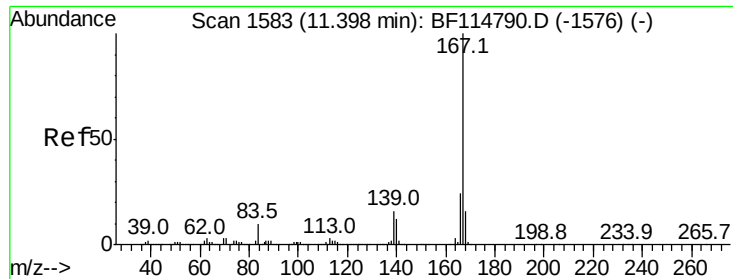
#72
Anthracene
Concen: 38.924 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:178 Resp: 2890417
Ion Ratio Lower Upper
178 100
176 21.6 17.4 26.0
179 17.9 14.2 21.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.714 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

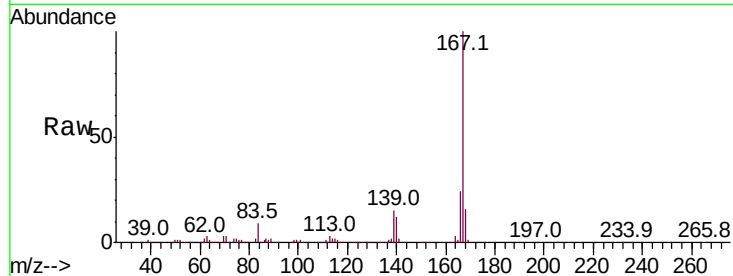
Tot Ion:167 Resp: 2528135

Ion Ratio Lower Upper

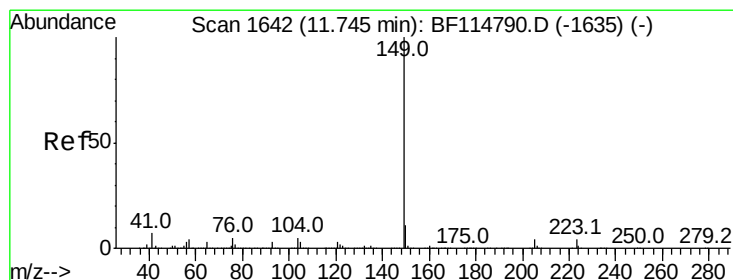
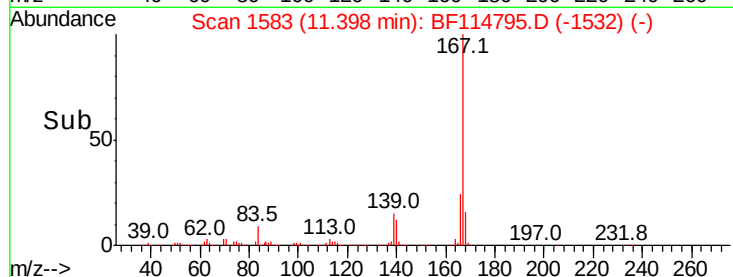
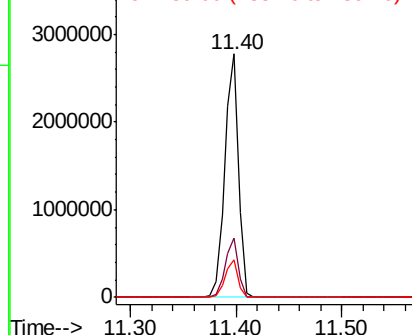
167 100

166 24.1 19.1 28.7

139 15.3 12.4 18.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.534 ng

RT: 11.75 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

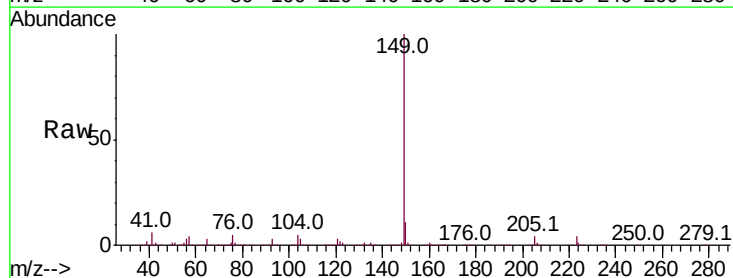
Tgt Ion:149 Resp: 3310092

Ion Ratio Lower Upper

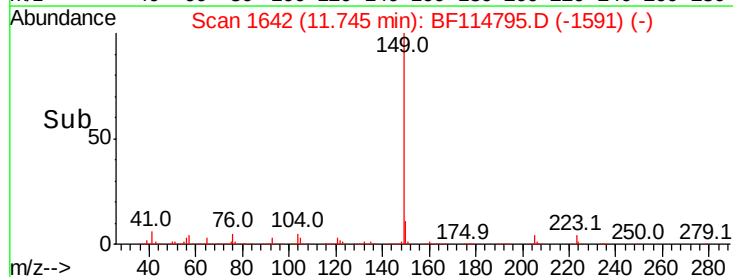
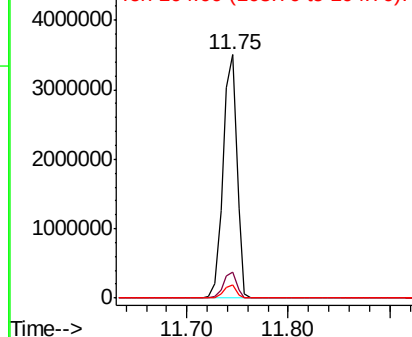
149 100

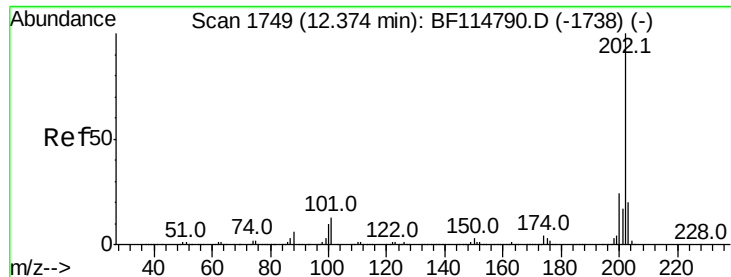
150 10.7 8.9 13.3

104 5.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.539 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

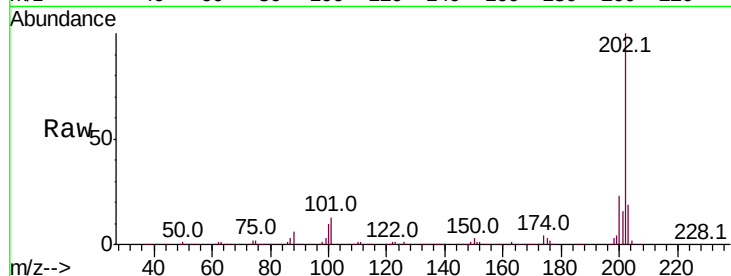
Tot Ion:202 Resp: 2830311

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.8
203	19.3	0.2	40.2

202 100

101 12.7 0.0 32.8

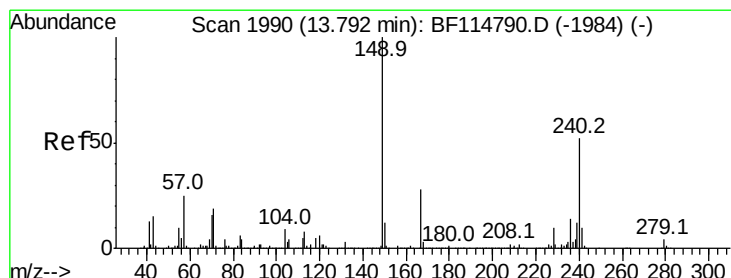
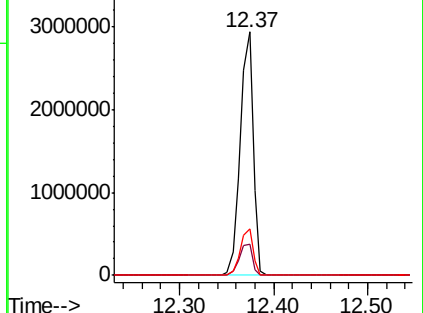
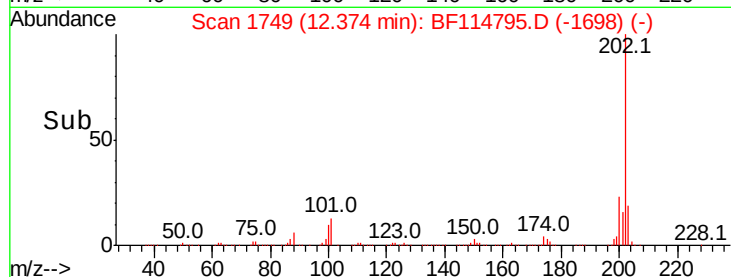
203 19.3 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

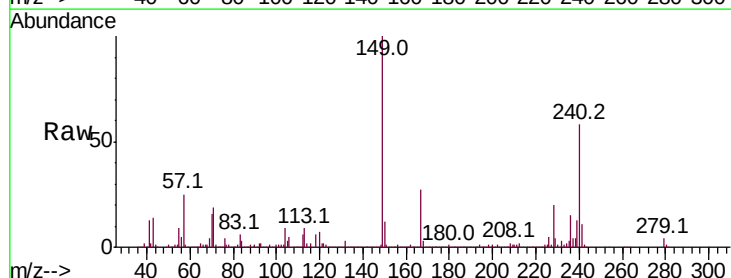
Tgt Ion:240 Resp: 865190

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	26.9	21.4	32.0

240 100

120 11.6 9.0 13.4

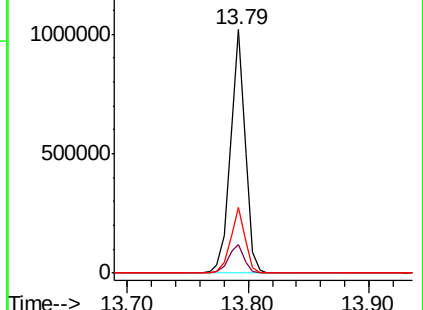
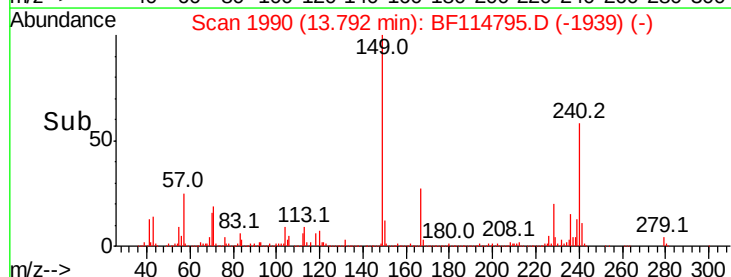
236 26.9 21.4 32.0

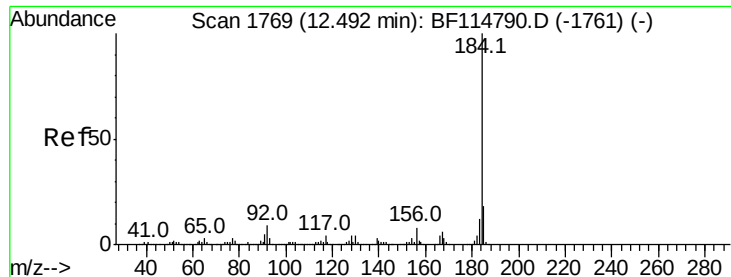


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.684 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

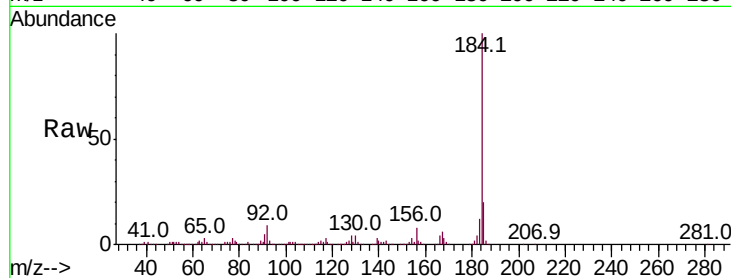
Tot Ion:184 Resp: 1485577

Ion Ratio Lower Upper

184 100

185 19.9 14.1 21.1

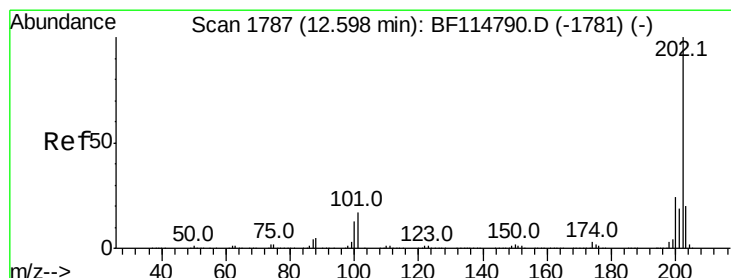
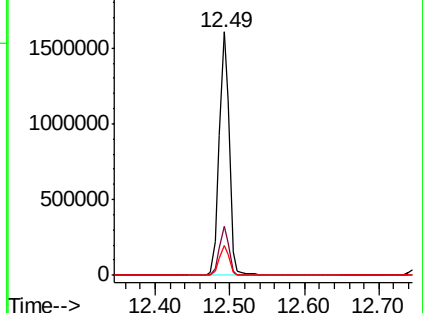
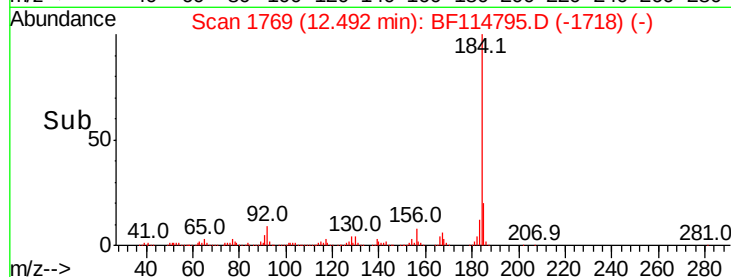
183 12.3 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.817 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

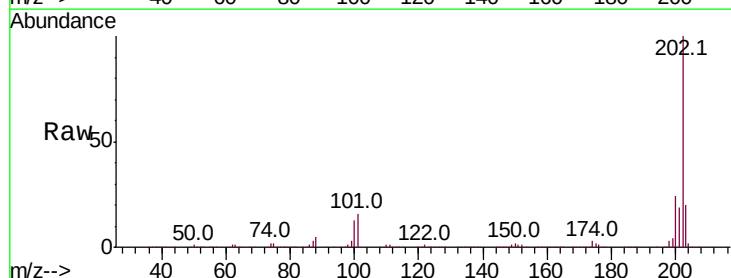
Tgt Ion:202 Resp: 2838401

Ion Ratio Lower Upper

202 100

200 24.4 19.2 28.8

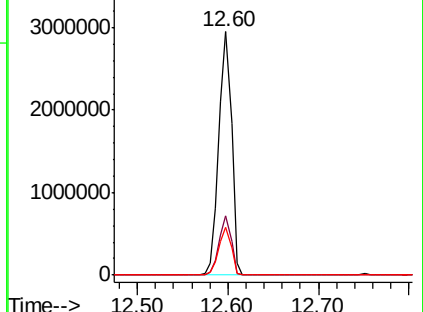
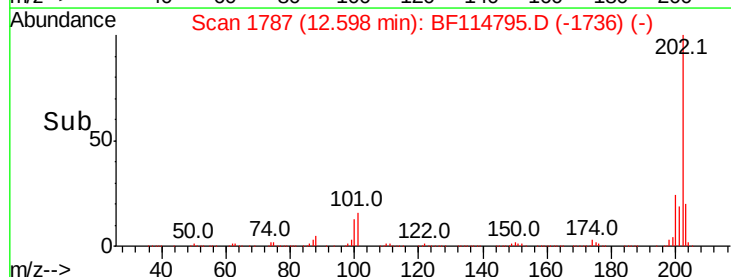
203 19.6 15.9 23.9

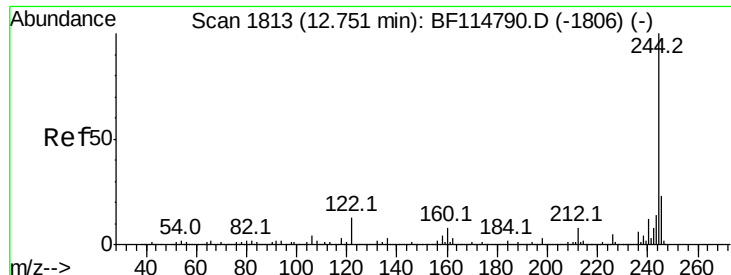


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.709 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

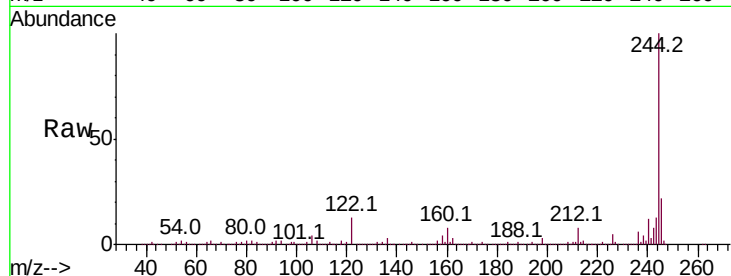
Tot Ion:244 Resp: 3368165

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

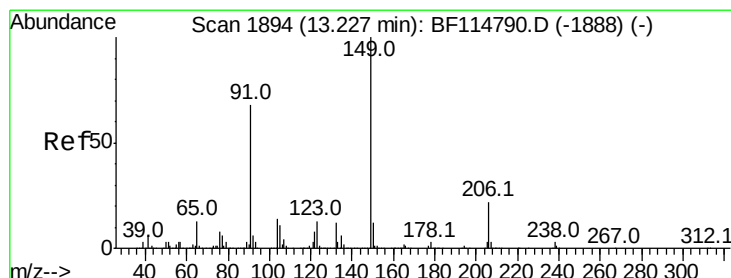
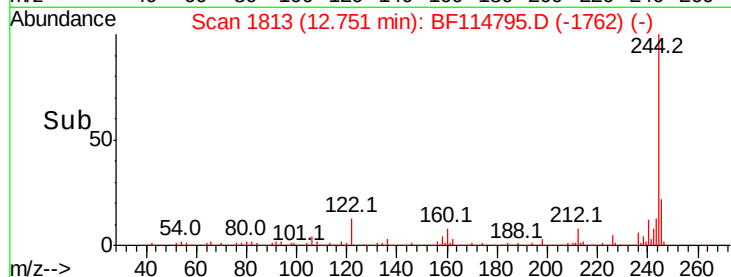
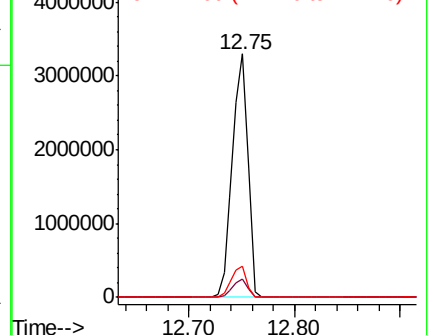
122 12.8 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.775 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

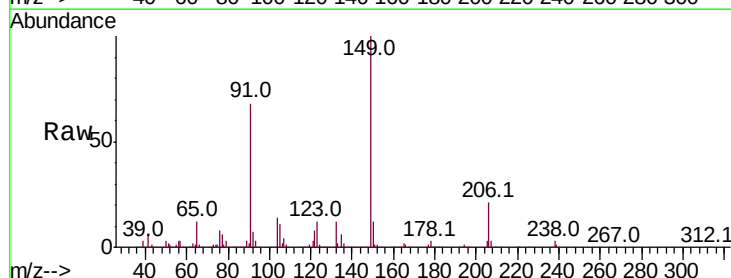
Tgt Ion:149 Resp: 1431730

Ion Ratio Lower Upper

149 100

91 67.9 54.6 82.0

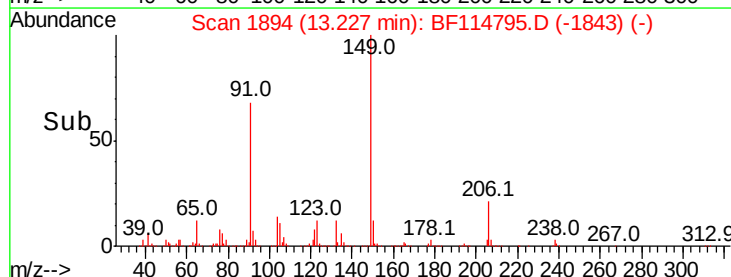
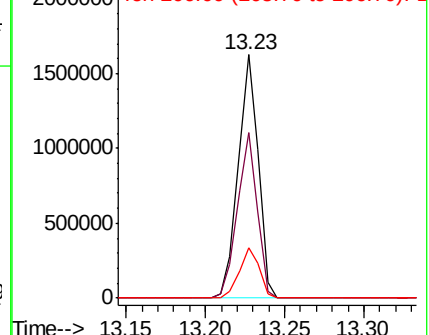
206 20.8 17.2 25.8

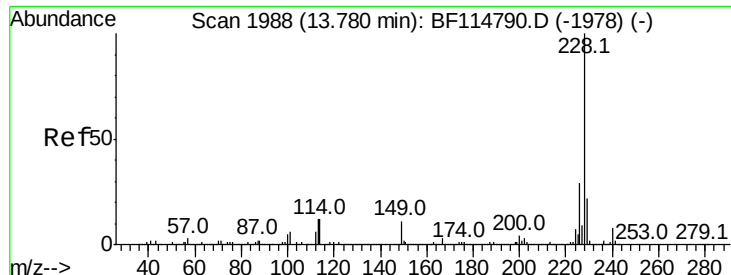


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.663 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

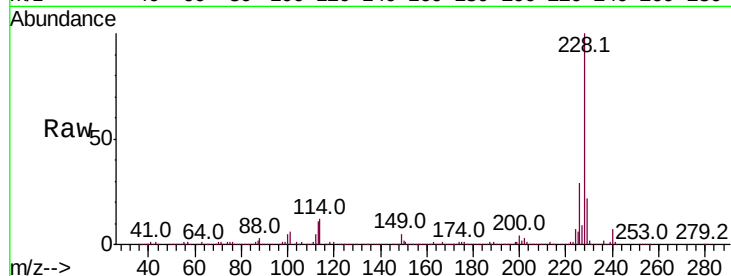
Tot Ion:228 Resp: 2577710

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.6	17.4	26.0

228 100

226 29.0 23.4 35.2

229 21.6 17.4 26.0

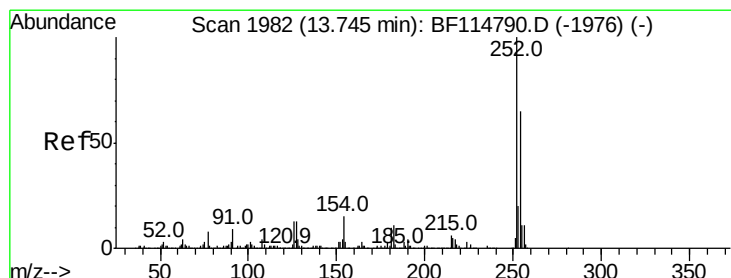
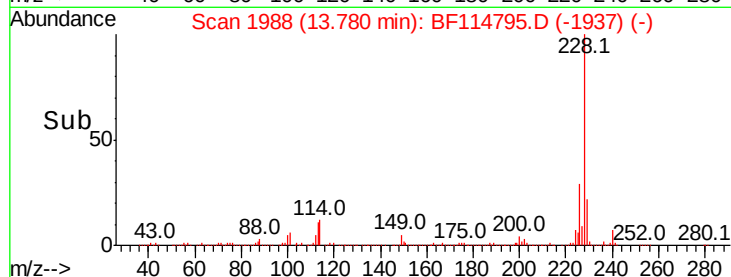
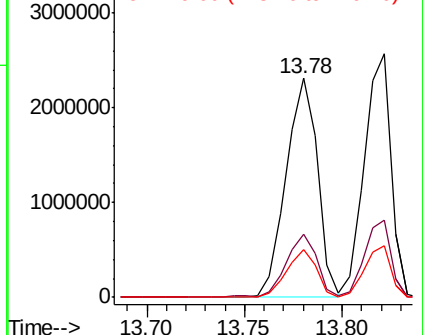


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.063 ng

RT: 13.74 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

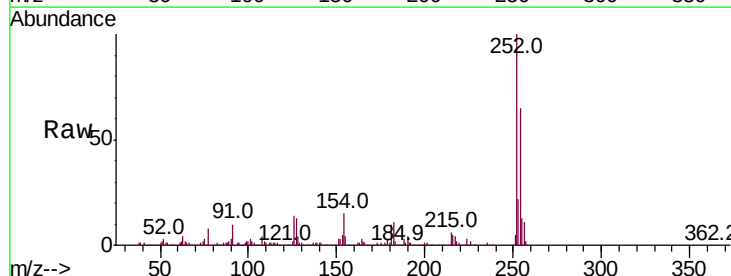
Tgt Ion:252 Resp: 1001996

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.9	77.9
126	13.6	10.5	15.7

252 100

254 64.8 51.9 77.9

126 13.6 10.5 15.7

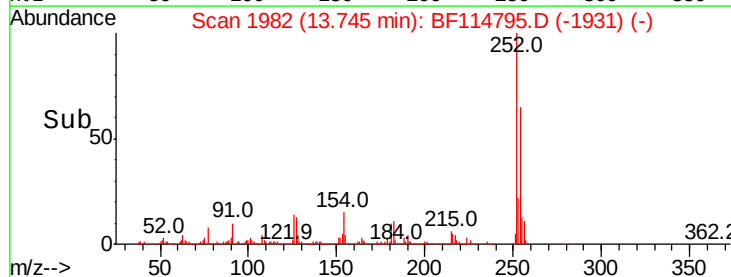
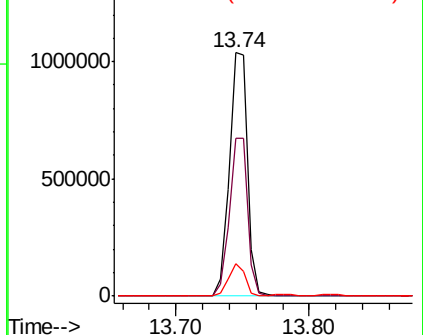


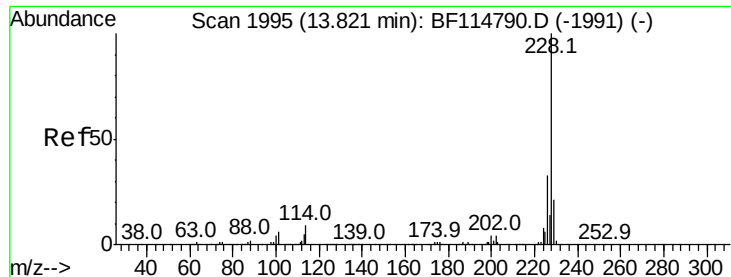
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.723 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

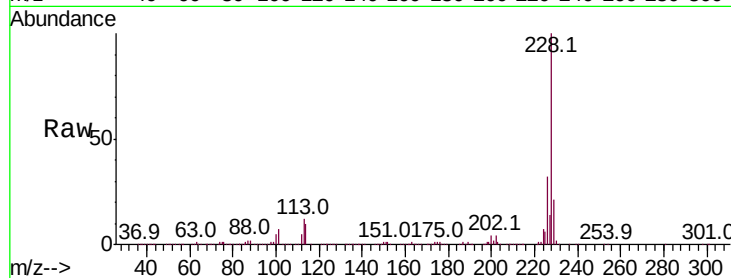
BNA_F

ClientSampleId :

ICVBF060419

Tot Ion:228 Resp: 2446649

Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.0	39.0
229	21.0	17.1	25.7

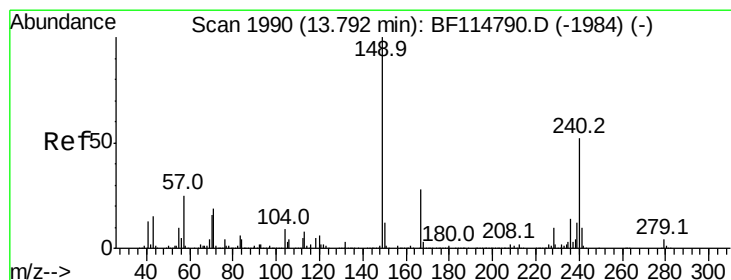
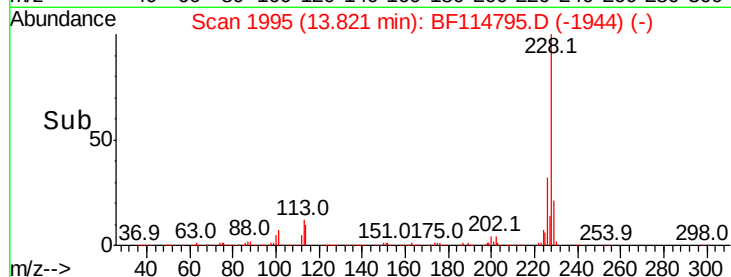
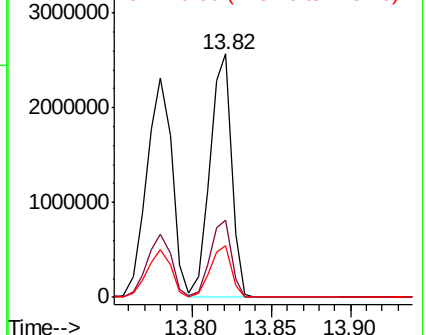


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.058 ng

RT: 13.80 min Scan# 1991

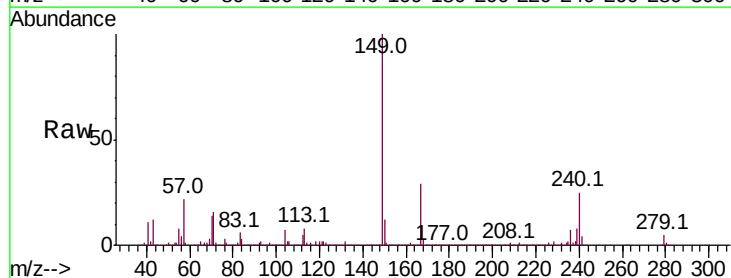
Delta R.T. 0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Tgt Ion:149 Resp: 1871892

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	4.5	3.1	4.7

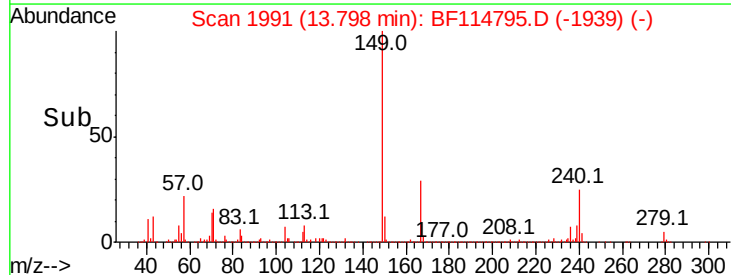
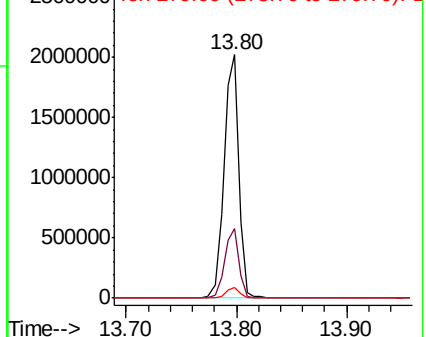


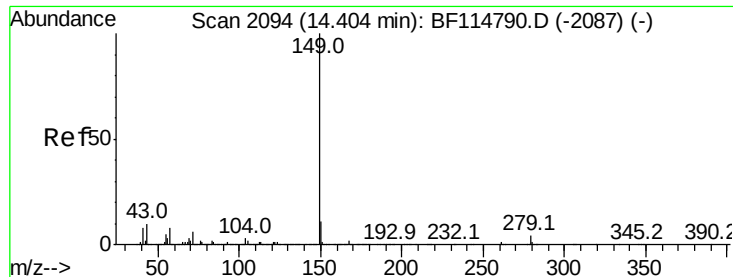
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

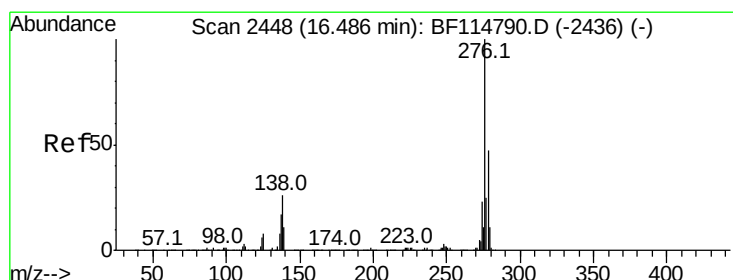
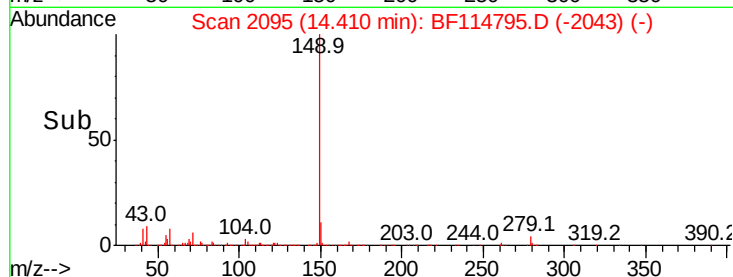
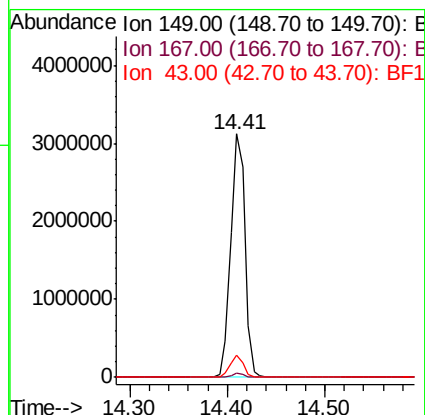
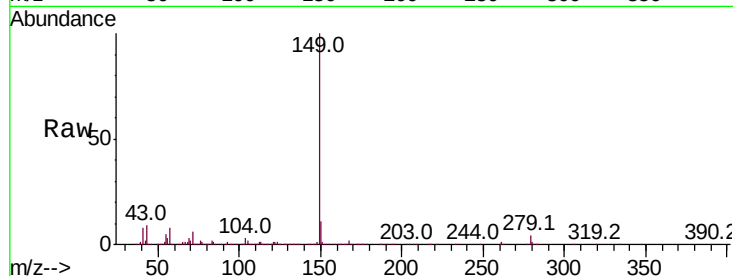




#85
Di-n-octyl phthalate
Concen: 38.876 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

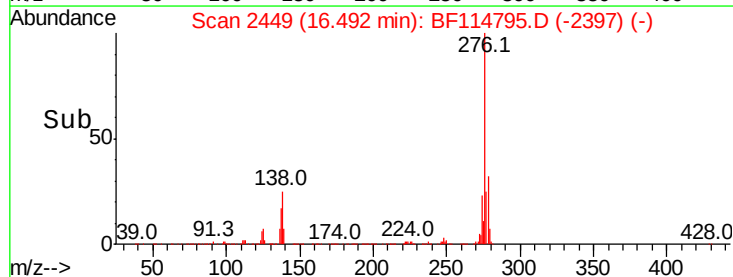
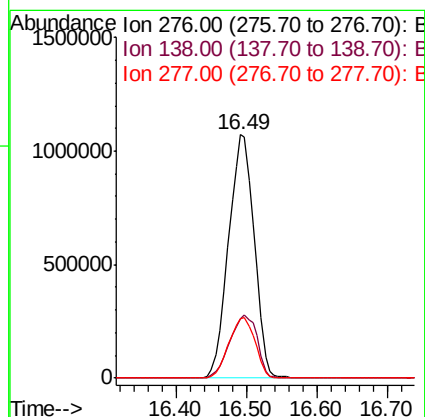
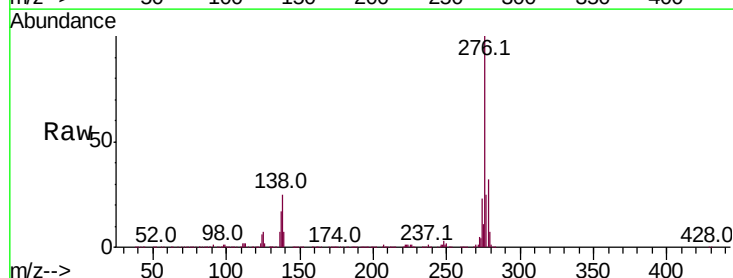
Instrument :
BNA_F
ClientSampleId :
ICVBF060419

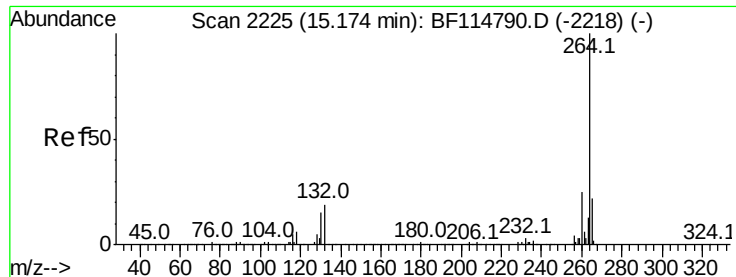
Tot Ion:149 Resp: 3165850
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.5 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.492 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:276 Resp: 2700533
Ion Ratio Lower Upper
276 100
138 27.9 22.2 33.4
277 25.7 20.6 30.8

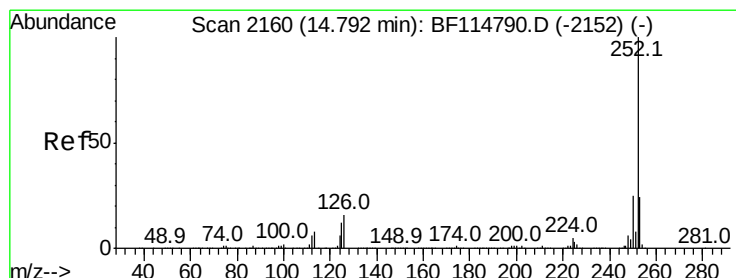
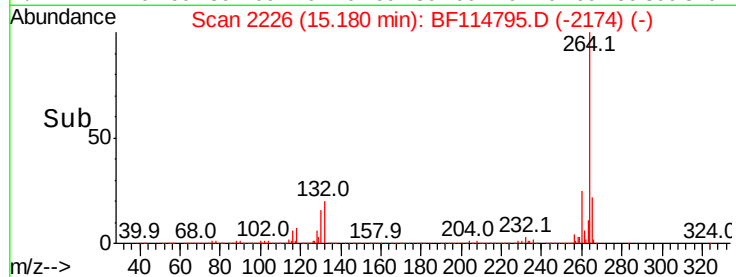
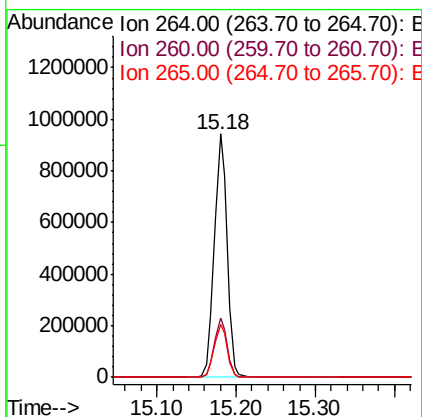
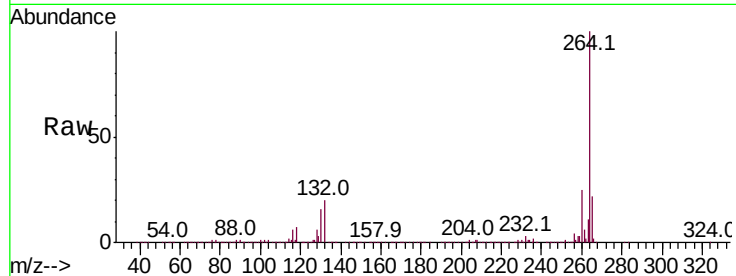




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

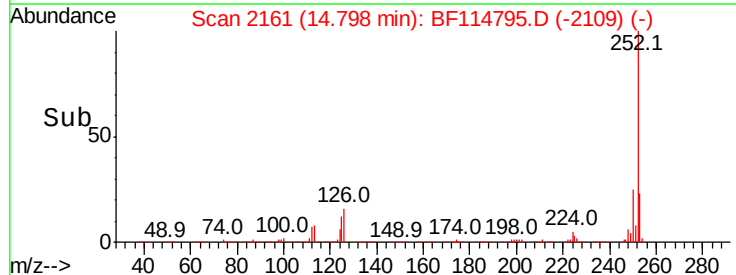
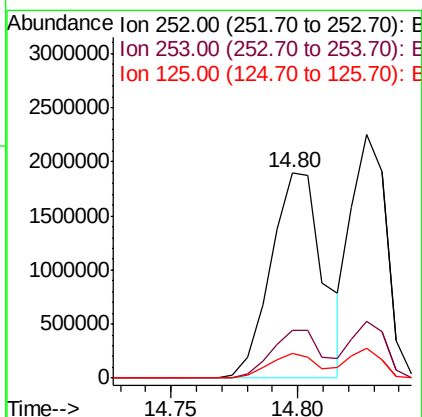
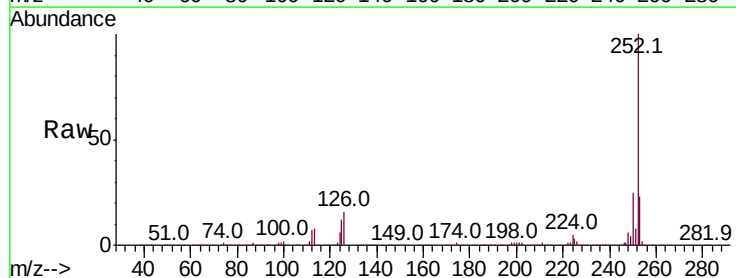
Instrument :
BNA_F
ClientSampleId :
ICVBF060419

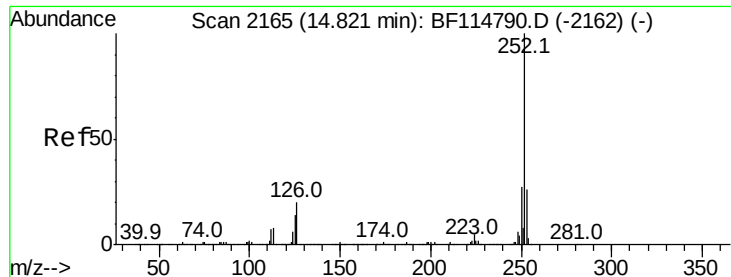
Tot Ion:264 Resp: 1055452
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 21.8 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 40.558 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:252 Resp: 2725141
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.6
125 12.2 9.4 14.0

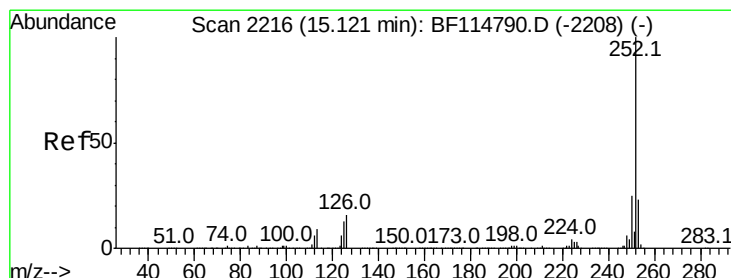
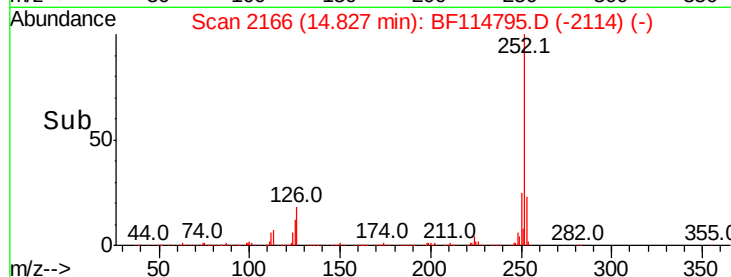
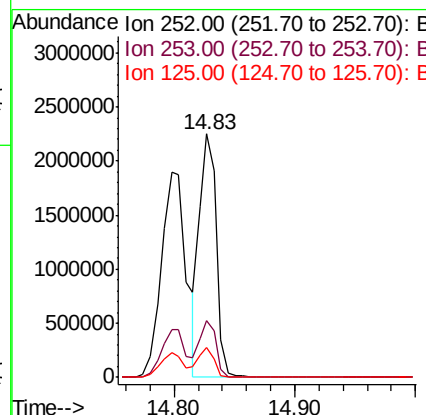
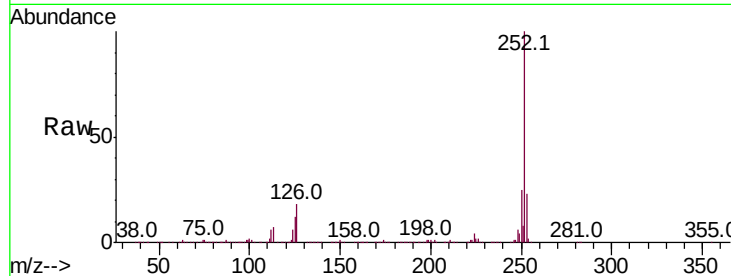




#89
Benzo(k)fluoranthene
Concen: 38.218 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

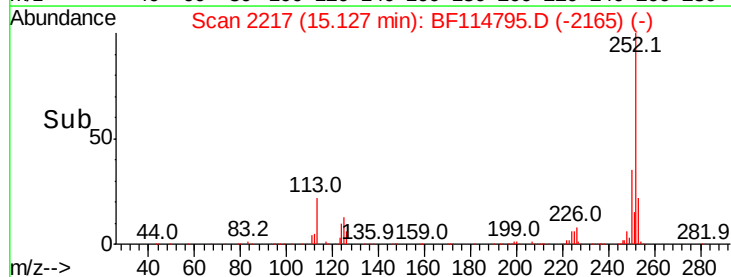
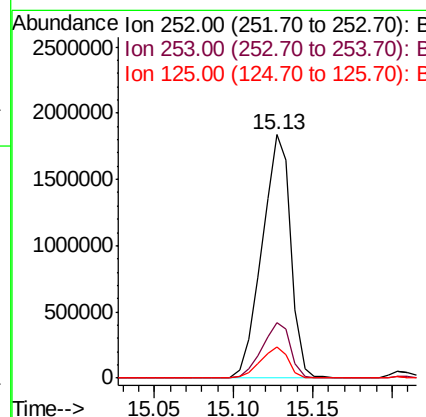
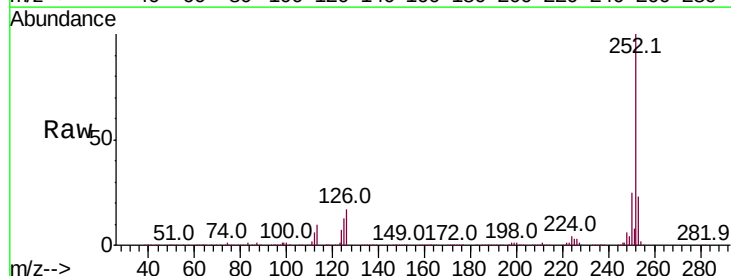
Instrument :
BNA_F
ClientSampleId :
ICVBF060419

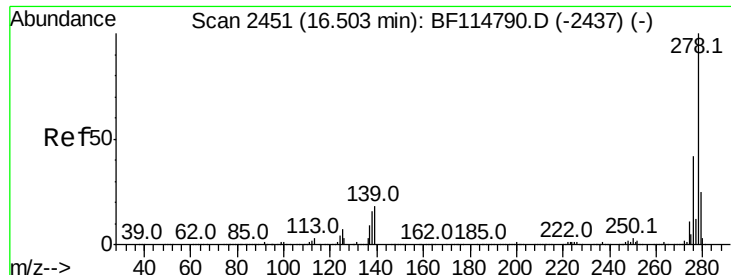
Tot Ion:252 Resp: 2180747
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 12.3 10.1 15.1



#90
Benzo(a)pyrene
Concen: 39.914 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114795.D
Acq: 4 Jun 2019 16:52

Tgt Ion:252 Resp: 2321282
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 40.018 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

Instrument :

BNA_F

ClientSampleId :

ICVBF060419

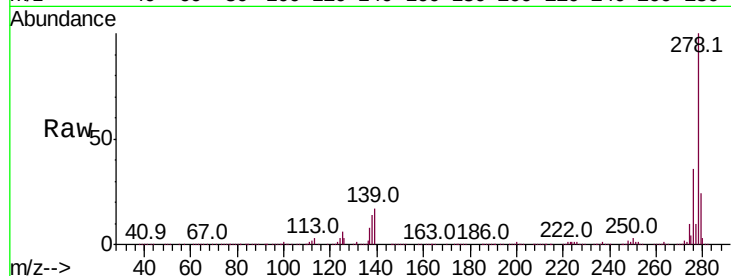
Tot Ion:278 Resp: 2204019

Ion Ratio Lower Upper

278 100

139 17.5 14.6 22.0

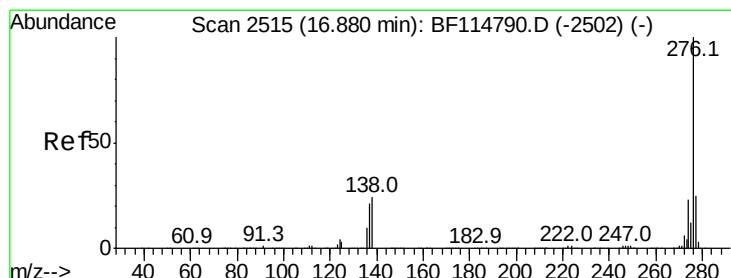
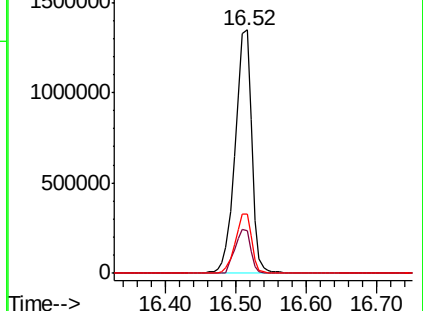
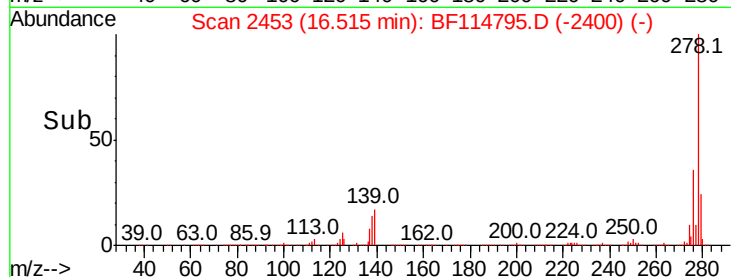
279 24.2 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.179 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BF114795.D

Acq: 4 Jun 2019 16:52

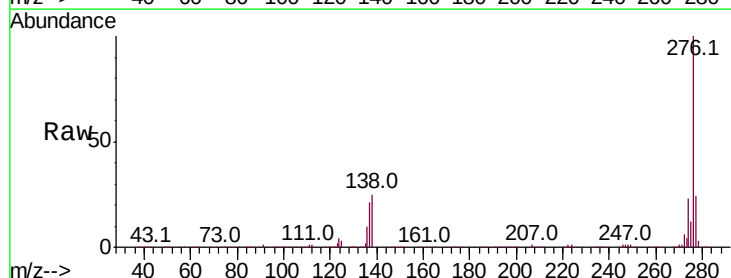
Tgt Ion:276 Resp: 2169940

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.6

138 24.9 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

