

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114522.D
 Acq On : 23 May 2019 13:26
 Operator : JU/SJ
 Sample : PB119776BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:16:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	88053	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	364221	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	181866	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	380816	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	263332	20.00	ng	-0.02
87) Perylene-d12	15.45	264	218410	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	598026	109.30	ng	-0.02
7) Phenol-d6	6.46	99	752161	116.23	ng	-0.03
23) Nitrobenzene-d5	7.37	82	392543	60.48	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	194054	103.21	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	785116	65.30	ng	-0.02
79) Terphenyl-d14	12.92	244	886545	69.40	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	223099	74.180	ng	99
3) Pyridine	3.40	79	564778	68.157	ng	99
4) n-Nitrosodimethylamine	3.36	42	292528	73.207	ng	98
6) Aniline	6.47	93	566283	60.577	ng	# 35
8) 2-Chlorophenol	6.60	128	549137	94.010	ng	97
9) Benzaldehyde	6.36	77	186085	41.074	ng	97
10) Phenol	6.47	94	679921	89.312	ng	83
11) bis(2-Chloroethyl)ether	6.55	93	527319	91.238	ng	98
12) 1,3-Dichlorobenzene	6.75	146	556710	84.905	ng	97
13) 1,4-Dichlorobenzene	6.83	146	563825	85.335	ng	98
14) 1,2-Dichlorobenzene	6.98	146	541868	89.767	ng	100
15) Benzyl Alcohol	6.96	79	448133	88.786	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	945896	84.408	ng	76
17) 2-Methylphenol	7.07	107	434946	90.645	ng	95
18) Hexachloroethane	7.32	117	212584	85.716	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	366734	89.405	ng	98
20) 3+4-Methylphenols	7.23	107	548636	98.962	ng	# 68
22) Acetophenone	7.22	105	719596	89.184	ng	# 91
24) Nitrobenzene	7.39	77	578971	87.588	ng	99
25) Isophorone	7.63	82	1067699	88.706	ng	98
26) 2-Nitrophenol	7.72	139	297463	92.754	ng	99
27) 2,4-Dimethylphenol	7.76	122	484008	96.093	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	673395	86.225	ng	100
29) 2,4-Dichlorophenol	7.96	162	459752	91.666	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	481389	84.406	ng	98
31) Naphthalene	8.12	128	1554802	91.387	ng	99
32) Benzoic acid	7.92	122	298437	77.963	ng	98
33) 4-Chloroaniline	8.17	127	474307	61.178	ng	98
34) Hexachlorobutadiene	8.23	225	269605	83.081	ng	99
35) Caprolactam	8.55	113	79203	48.430	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	495785	98.204	ng	97
37) 2-Methylnaphthalene	8.81	142	1059393	96.511	ng	98
38) 1-Methylnaphthalene	8.91	142	990181	95.788	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	476459	86.486	ng	100

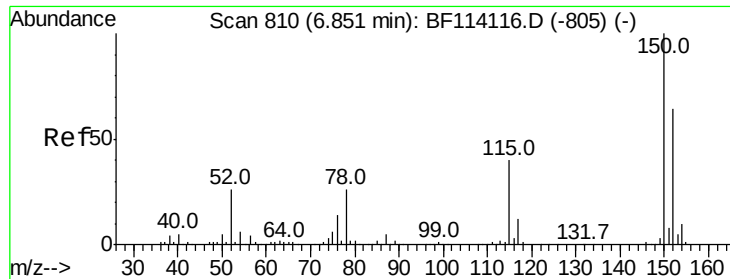
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114522.D
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Quant Time: May 24 07:16:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	219580	85.253	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	307952	81.268	ng	96
44) 2,4,5-Trichlorophenol	9.15	196	332430	85.543	ng	98
46) 1,1'-Biphenyl	9.27	154	1281413	87.217	ng	98
47) 2-Chloronaphthalene	9.30	162	978700	82.771	ng	99
48) 2-Nitroaniline	9.40	65	341656	81.474	ng	91
49) Acenaphthylene	9.72	152	1561588	86.832	ng	99
50) Dimethylphthalate	9.57	163	1164798	87.246	ng	100
51) 2,6-Dinitrotoluene	9.65	165	259333	87.578	ng	86
52) Acenaphthene	9.89	154	915011	82.914	ng	98
53) 3-Nitroaniline	9.82	138	228815	62.248	ng	93
54) 2,4-Dinitrophenol	9.93	184	230377	148.421	ng	100
55) Dibenzofuran	10.06	168	1346133	83.186	ng	99
56) 4-Nitrophenol	10.00	139	326695	125.676	ng	97
57) 2,4-Dinitrotoluene	10.06	165	321768	80.058	ng	# 80
58) Fluorene	10.40	166	1109113	88.734	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	276454	82.447	ng	# 99
60) Diethylphthalate	10.27	149	1187855	87.567	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	528765	86.131	ng	94
62) 4-Nitroaniline	10.43	138	304756	78.899	ng	97
63) Azobenzene	10.55	77	1123045	85.531	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	159708	87.278	ng	81
66) n-Nitrosodiphenylamine	10.51	169	998683	86.407	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	336784	80.321	ng	95
68) Hexachlorobenzene	10.96	284	361369	77.906	ng	99
69) Atrazine	11.04	200	308847	85.868	ng	98
70) Pentachlorophenol	11.16	266	295748	134.501	ng	99
71) Phenanthrene	11.36	178	1596492	86.170	ng	99
72) Anthracene	11.42	178	1650109	88.673	ng	99
73) Carbazole	11.57	167	1539642	86.763	ng	98
74) Di-n-butylphthalate	11.89	149	1877611	91.841	ng	99
75) Fluoranthene	12.56	202	1724303	86.425	ng	99
77) Benzidine	12.67	184	809126	68.451	ng	96
78) Pyrene	12.79	202	1766671	83.397	ng	100
80) Butylbenzylphthalate	13.39	149	825627	92.596	ng	98
81) Benzo(a)anthracene	13.97	228	1483199	87.082	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	436363	66.043	ng	# 98
83) Chrysene	14.02	228	1430866	85.699	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1134142	97.255	ng	98
85) Di-n-octyl phthalate	14.56	149	1814196	95.968	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1224737	83.000	ng	100
88) Benzo(b)fluoranthene	15.03	252	1478621	105.672	ng	99
89) Benzo(k)fluoranthene	15.06	252	1255964	97.713	ng	97
90) Benzo(a)pyrene	15.40	252	1305330	105.998	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	1031413	100.794	ng	98
92) Benzo(g,h,i)perylene	17.37	276	1040714	101.485	ng	99

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

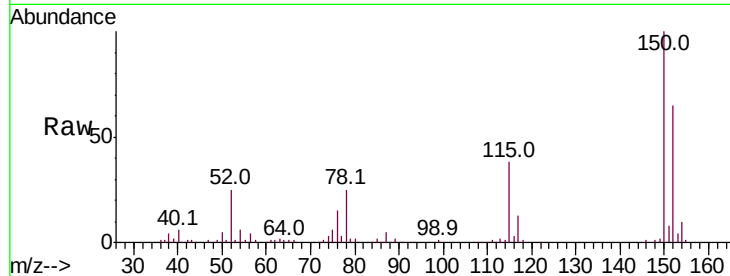


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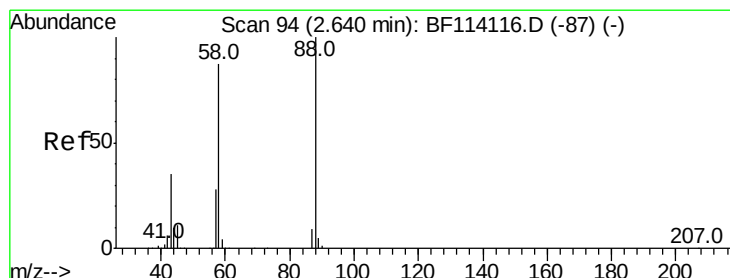
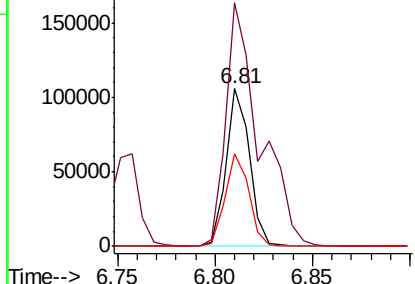
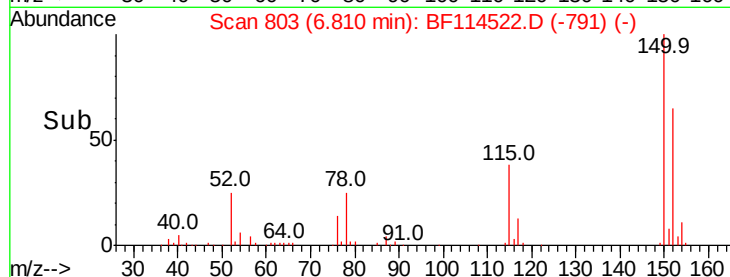
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88053
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 58.8 49.1 73.7



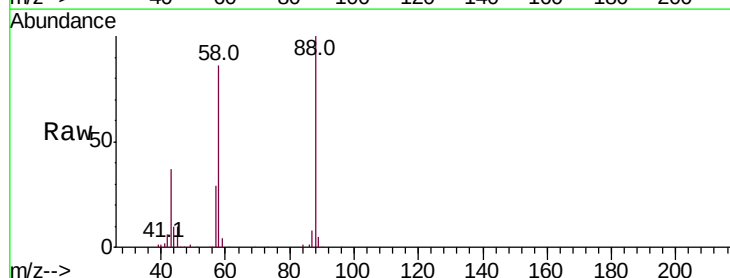
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



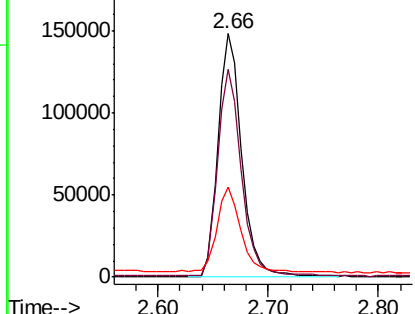
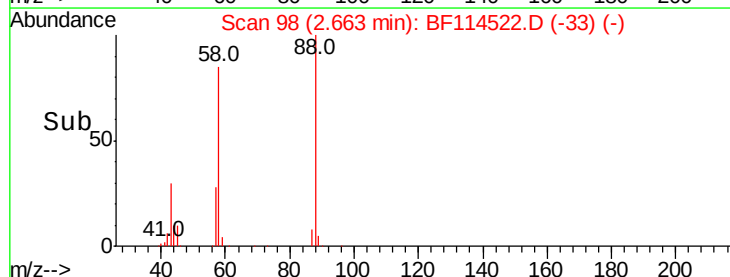
#2

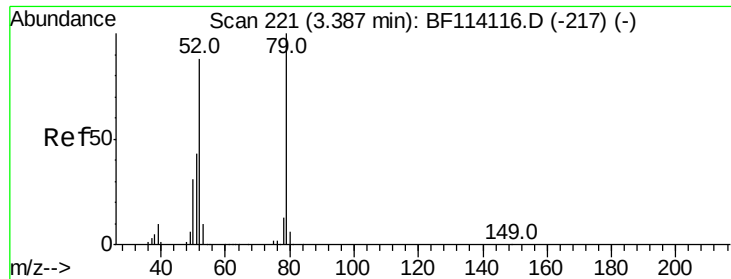
1,4-Dioxane
Concen: 74.180 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.08 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion: 88 Resp: 223099
Ion Ratio Lower Upper
88 100
58 84.5 68.7 103.1
43 35.2 28.2 42.2



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: 68.157 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.06 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

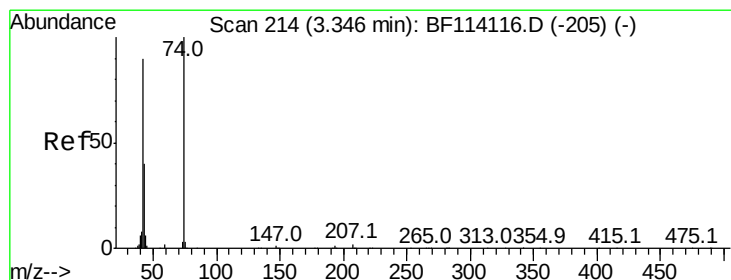
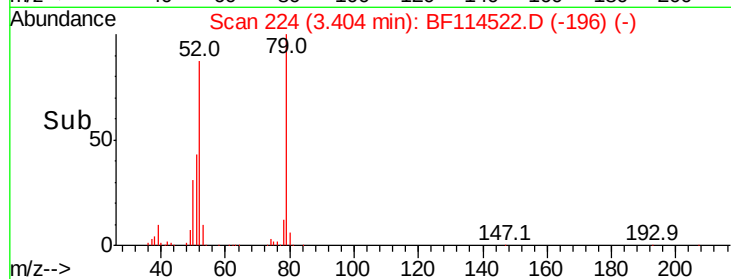
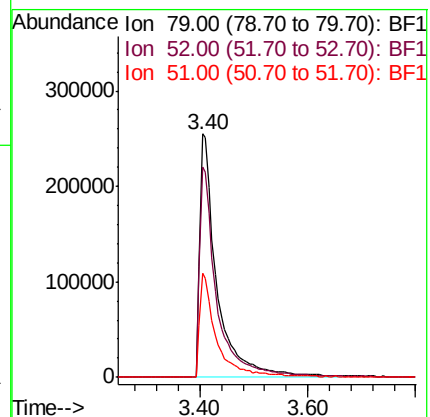
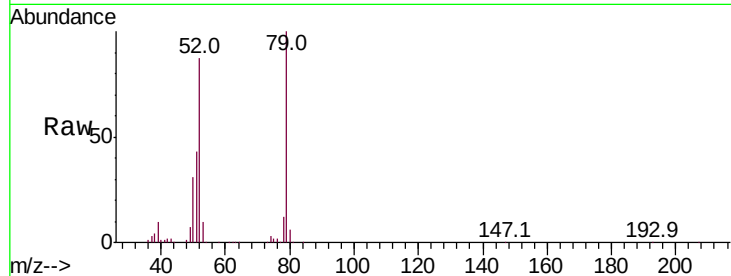
Tot Ion: 79 Resp: 564778

Ion Ratio Lower Upper

79 100

52 86.6 70.6 105.8

51 42.9 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 73.207 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

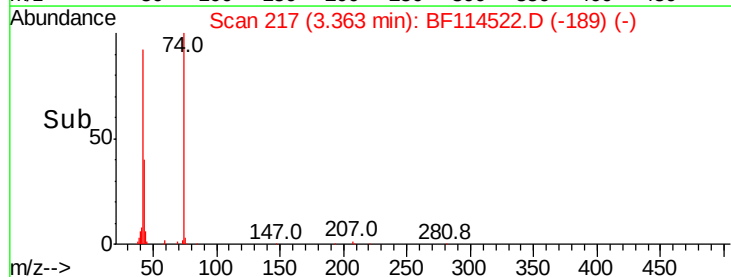
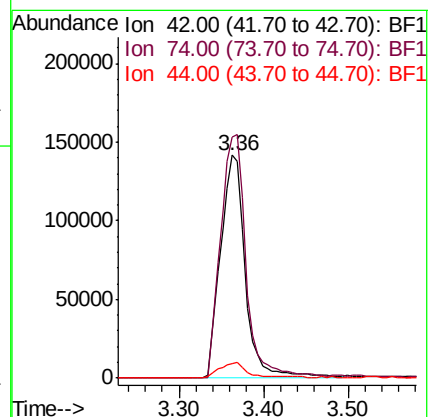
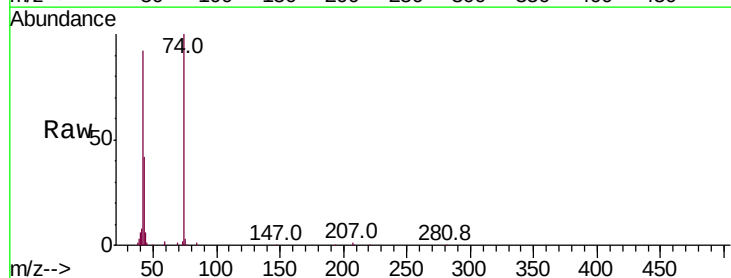
Tgt Ion: 42 Resp: 292528

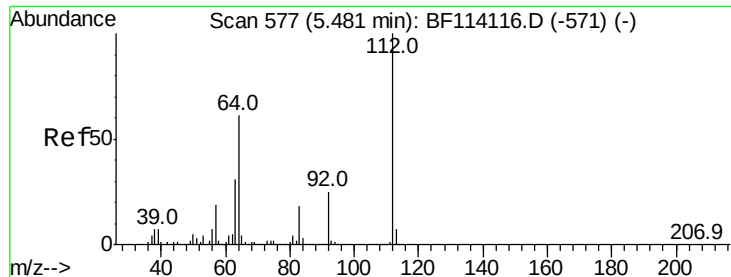
Ion Ratio Lower Upper

42 100

74 108.5 88.6 132.8

44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 109.296 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

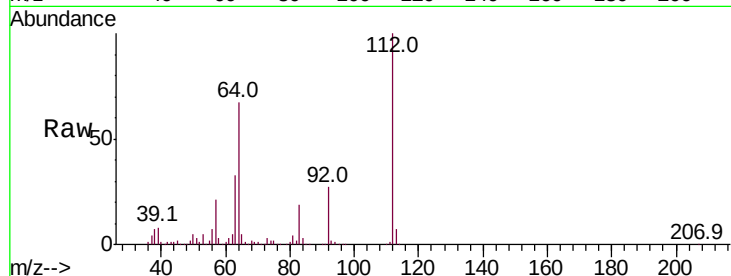
Tot Ion:112 Resp: 598026

Ion Ratio Lower Upper

112 100

64 67.5 49.0 73.6

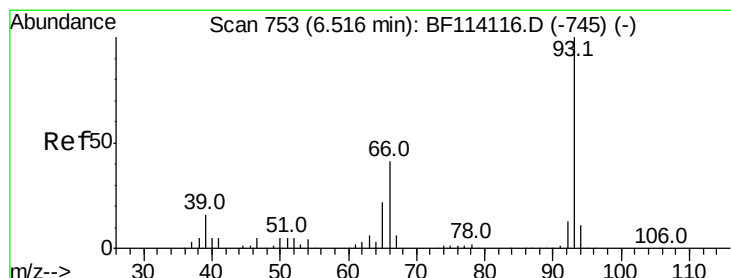
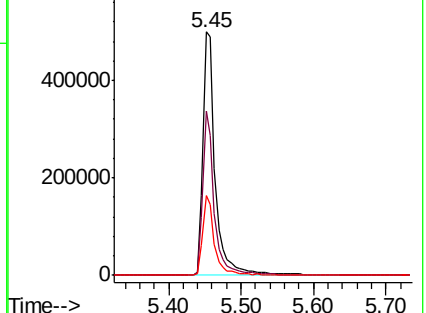
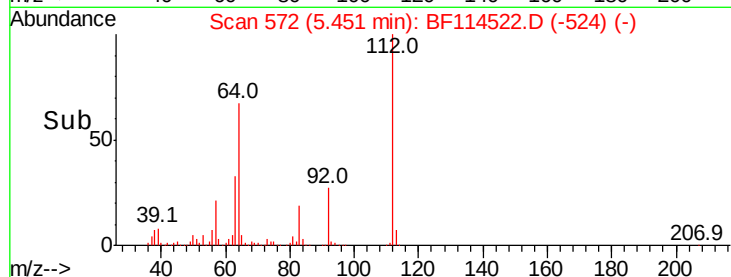
63 32.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 60.577 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

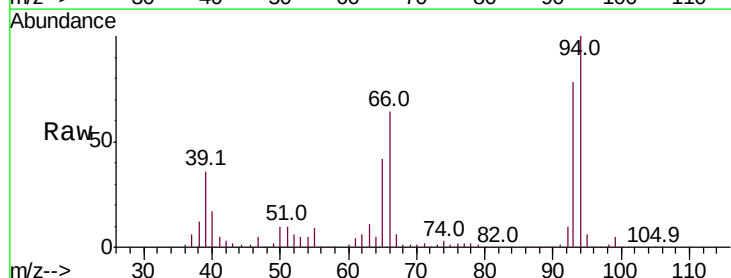
Tgt Ion: 93 Resp: 566283

Ion Ratio Lower Upper

93 100

66 81.9 33.2 49.8#

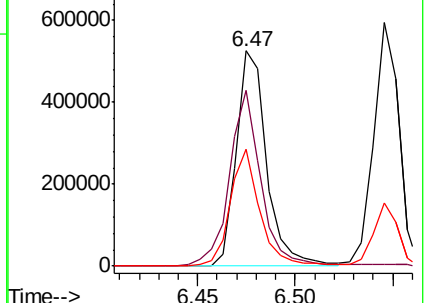
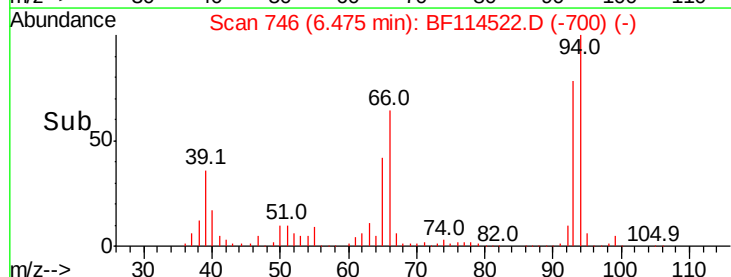
65 54.2 17.6 26.4#

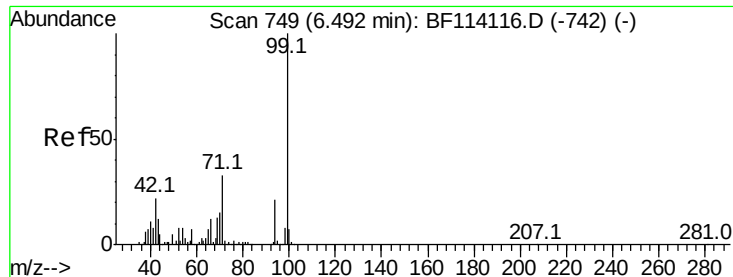


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.227 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampled :

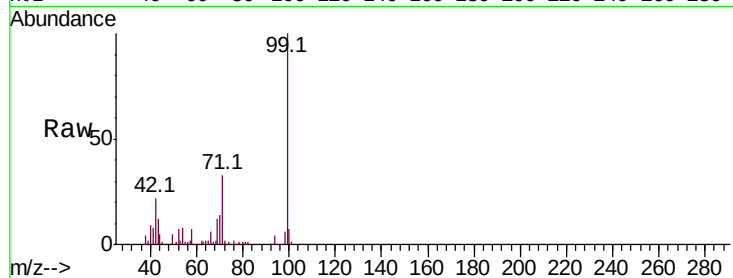
Tot Ion: 99 Resp: 752161

Ion Ratio Lower Upper

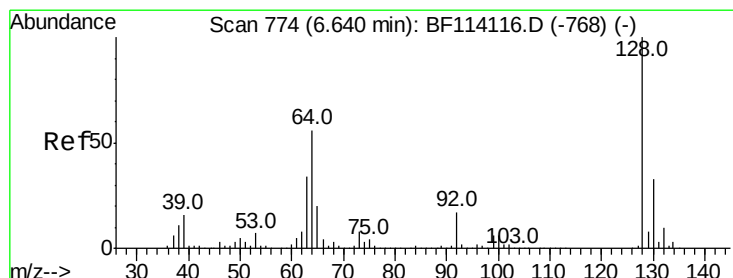
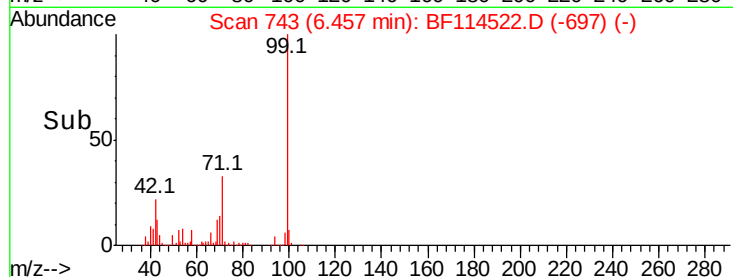
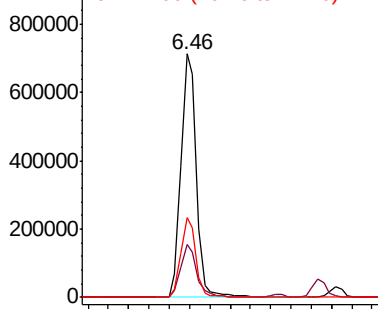
99 100

42 21.8 17.9 26.9

71 32.7 26.2 39.2



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: 94.010 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

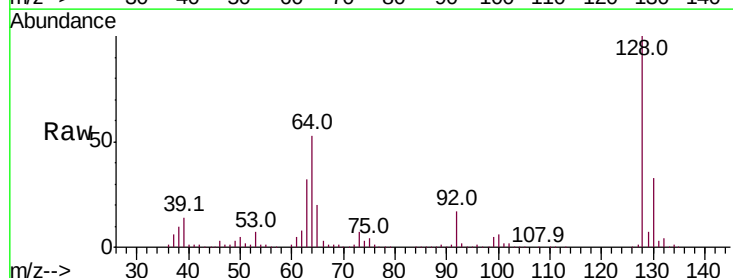
Tgt Ion:128 Resp: 549137

Ion Ratio Lower Upper

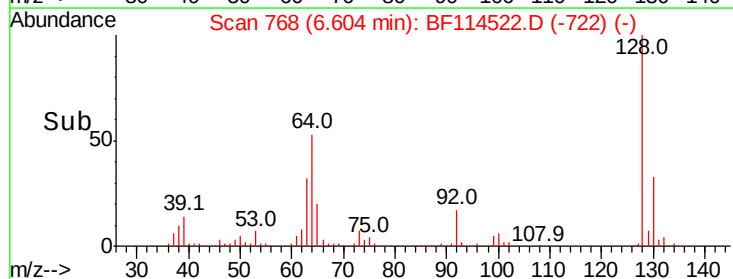
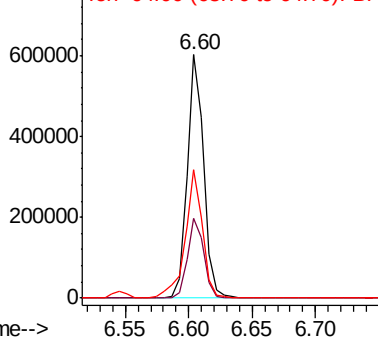
128 100

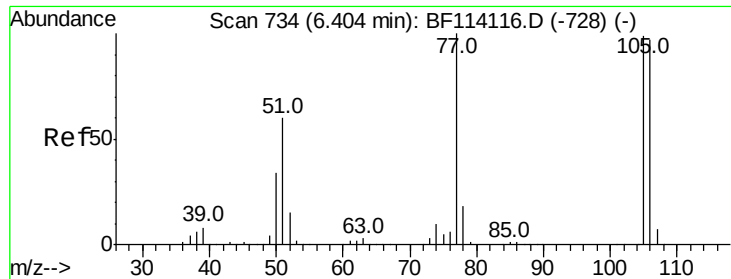
130 32.9 12.6 52.6

64 53.0 35.9 75.9



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: 41.074 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

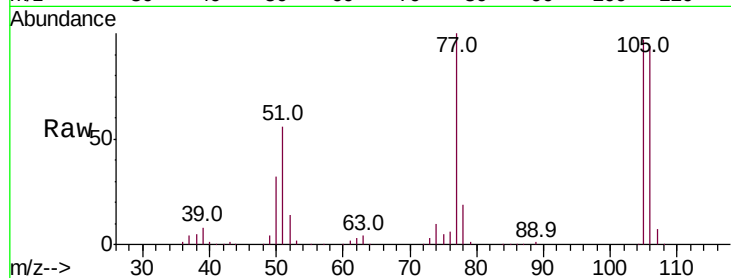
Tot Ion: 77 Resp: 186085

Ion Ratio Lower Upper

77 100

105 96.6 79.3 119.3

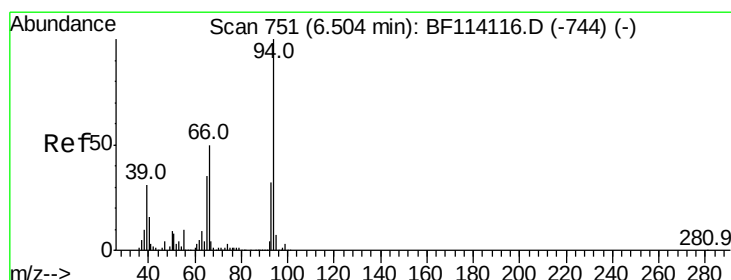
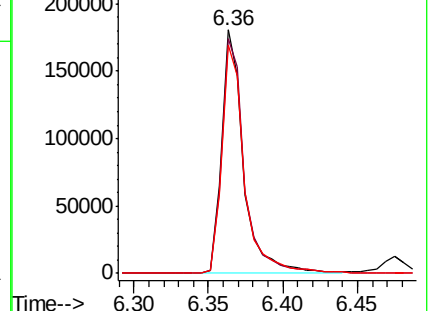
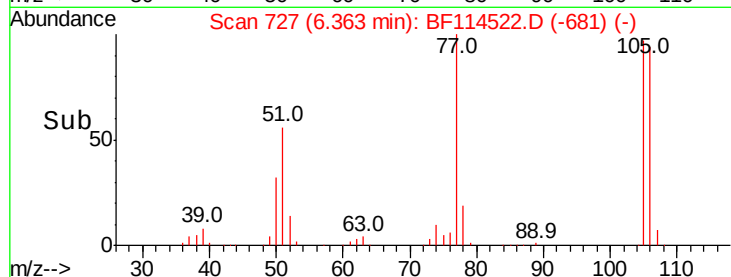
106 93.7 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 89.312 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

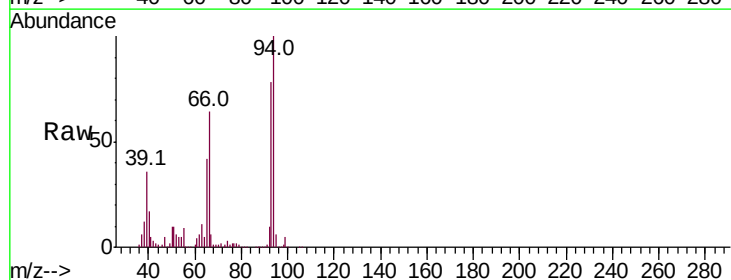
Tgt Ion: 94 Resp: 679921

Ion Ratio Lower Upper

94 100

65 42.2 14.7 54.7

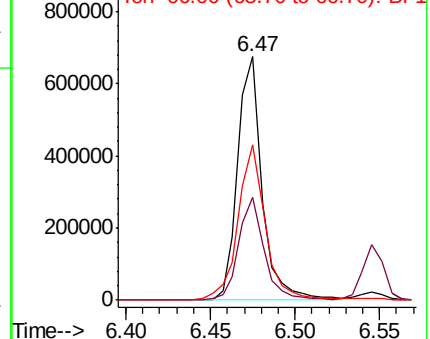
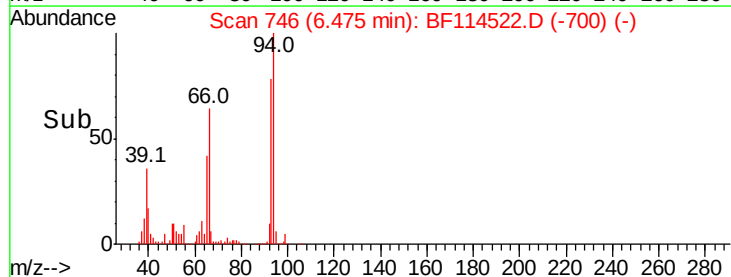
66 63.6 29.6 69.6

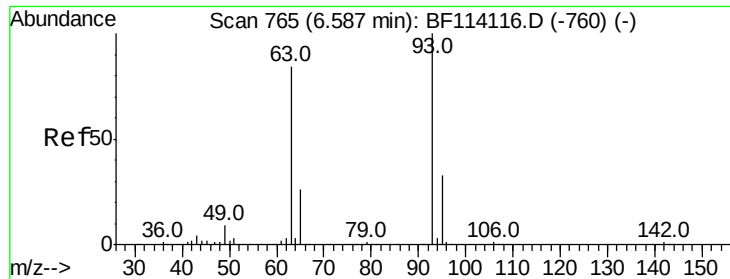


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 91.238 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

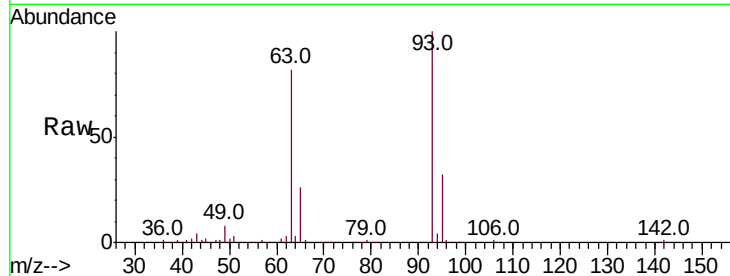
Tot Ion: 93 Resp: 527319

Ion Ratio Lower Upper

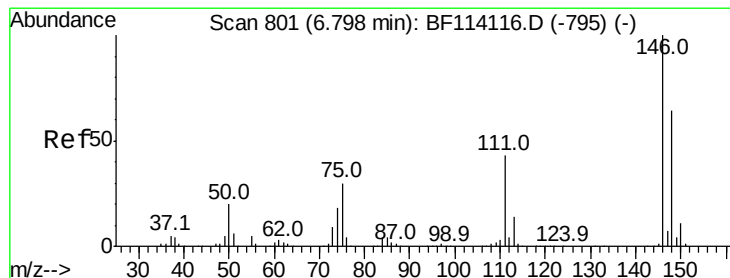
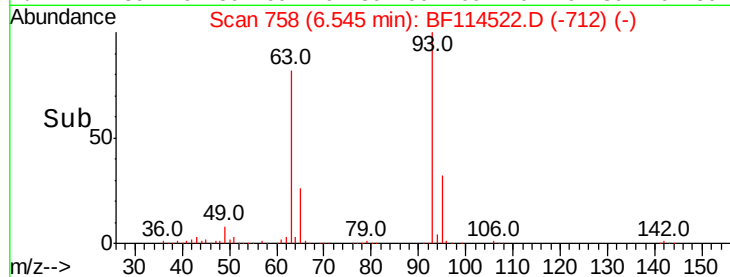
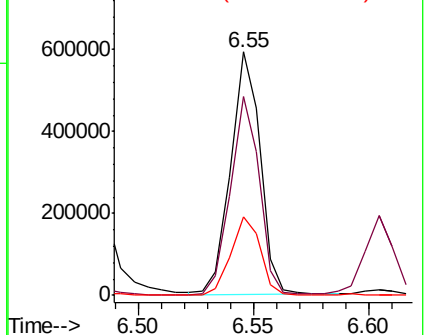
93 100

63 81.5 63.6 103.6

95 32.4 13.1 53.1



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: 84.905 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

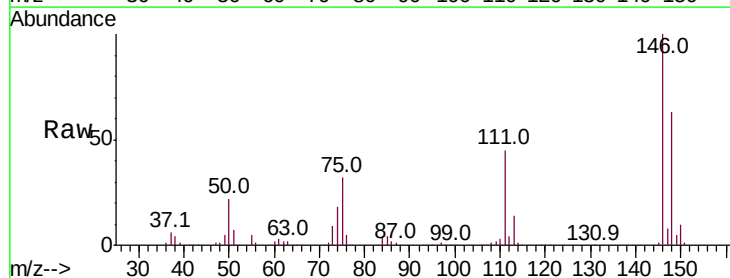
Tgt Ion: 146 Resp: 556710

Ion Ratio Lower Upper

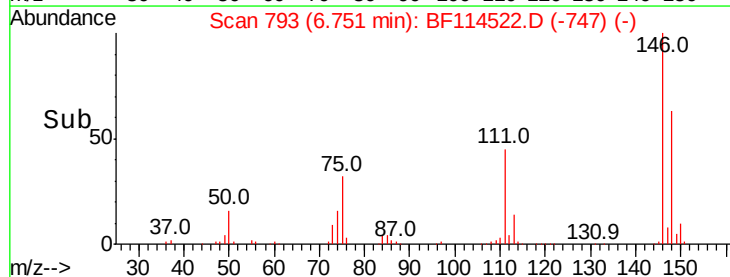
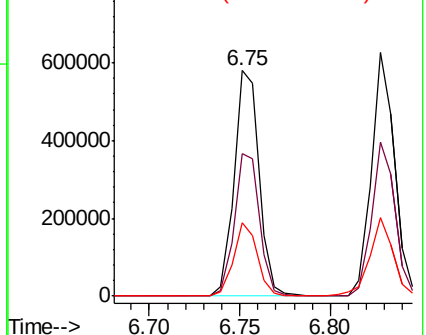
146 100

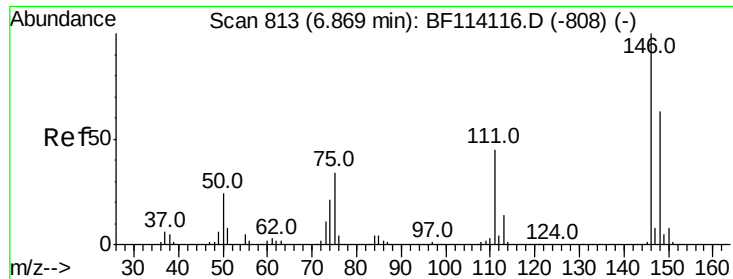
148 63.0 51.6 77.4

75 32.4 24.2 36.2



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

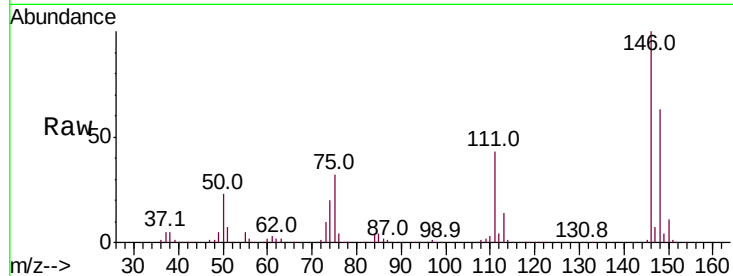




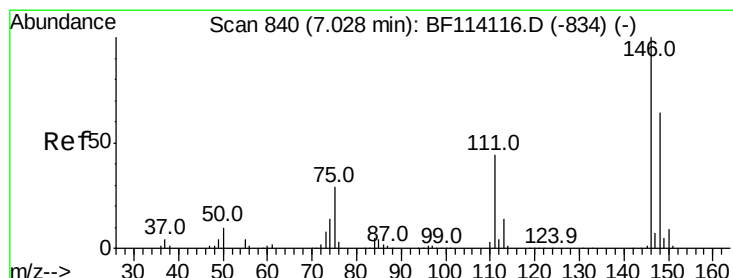
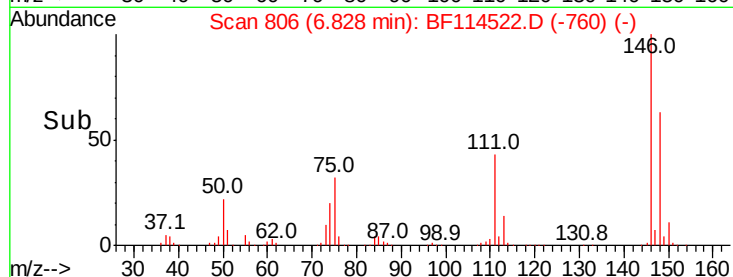
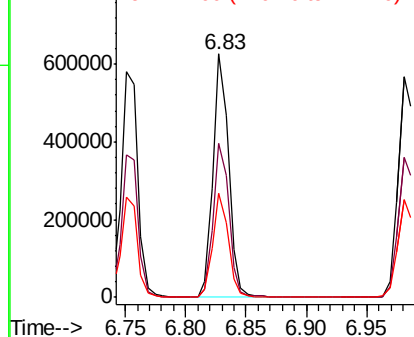
#13
 1,4-Dichlorobenzene
 Concen: 85.335 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 563825
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.2 75.2
 111 42.6 35.8 53.6

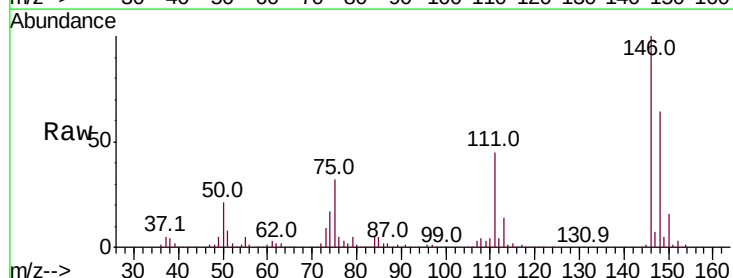


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

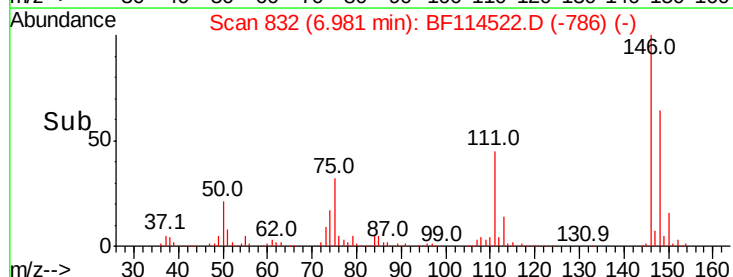
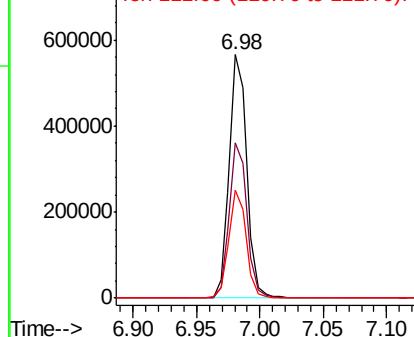


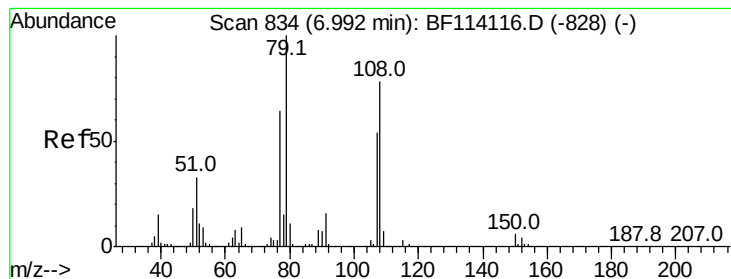
#14
 1,2-Dichlorobenzene
 Concen: 89.767 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Tgt Ion:146 Resp: 541868
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 44.5 35.3 52.9



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





#15

Benzyl Alcohol

Concen: 88.786 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

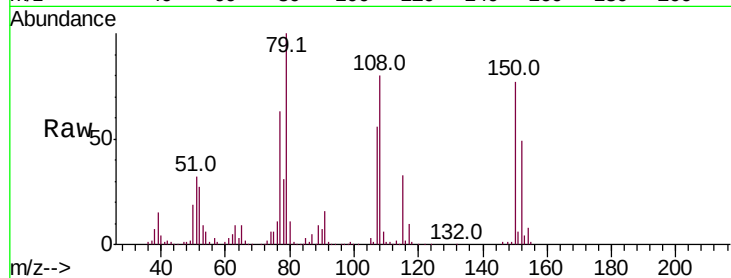
Tot Ion: 79 Resp: 448133

Ion Ratio Lower Upper

79 100

108 79.9 62.1 93.1

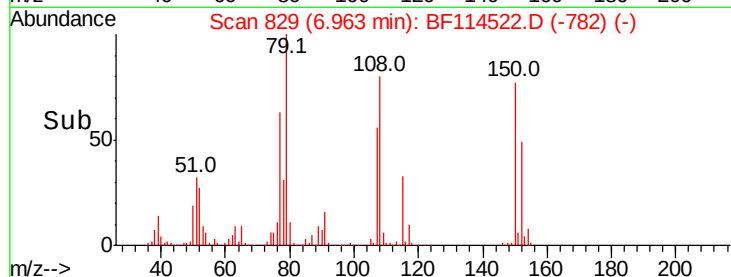
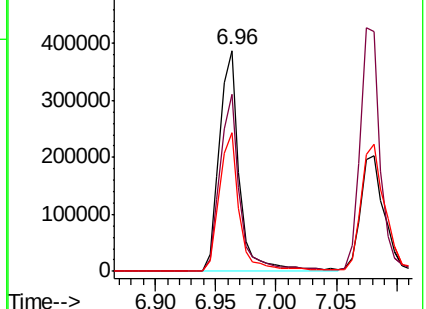
77 62.6 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 84.408 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

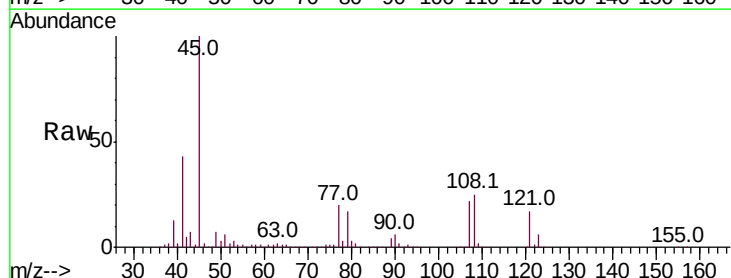
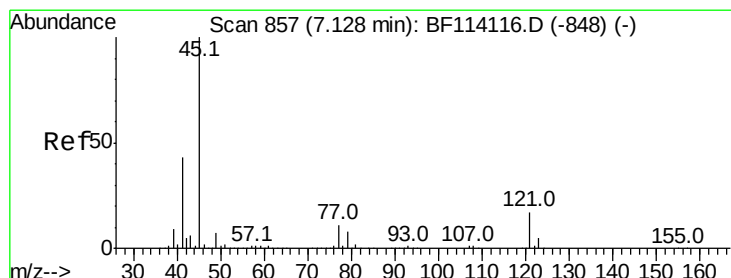
Tgt Ion: 45 Resp: 945896

Ion Ratio Lower Upper

45 100

77 20.0 0.0 31.1

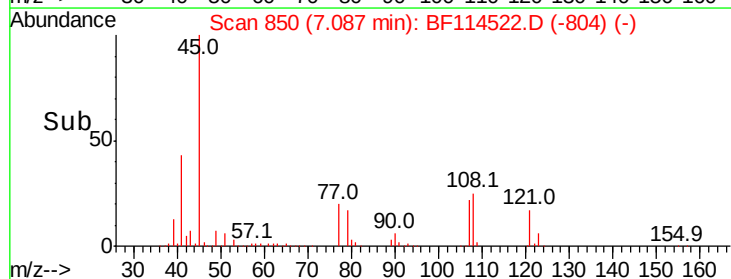
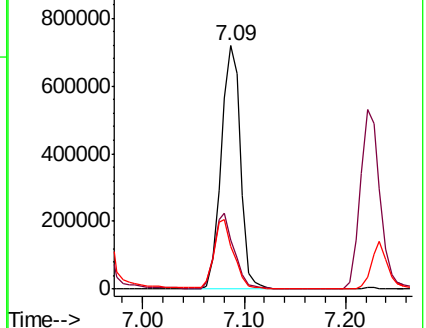
79 17.4 0.0 28.4

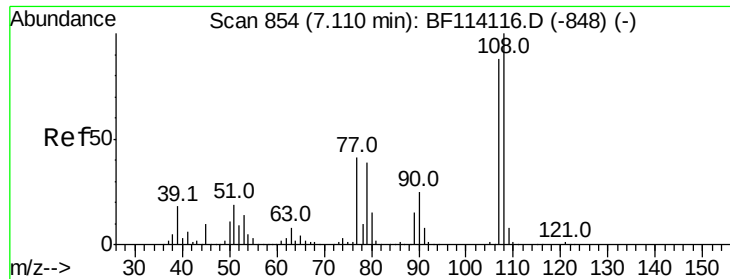


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

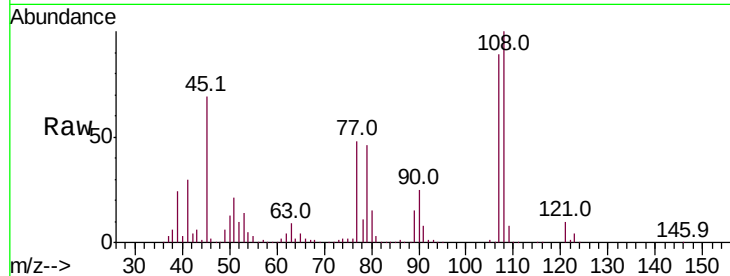




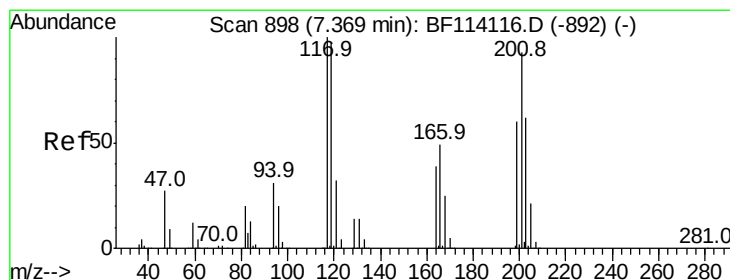
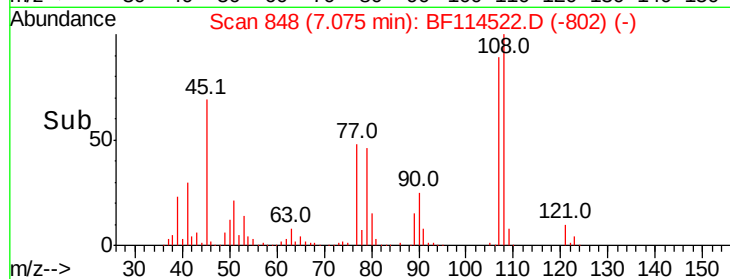
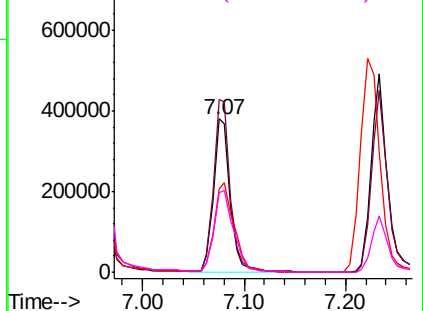
#17
2-Methylphenol
Concen: 90.645 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 434946
Ion Ratio Lower Upper
107 100
108 112.5 90.5 135.7
77 54.3 37.0 55.4
79 51.7 35.8 53.8

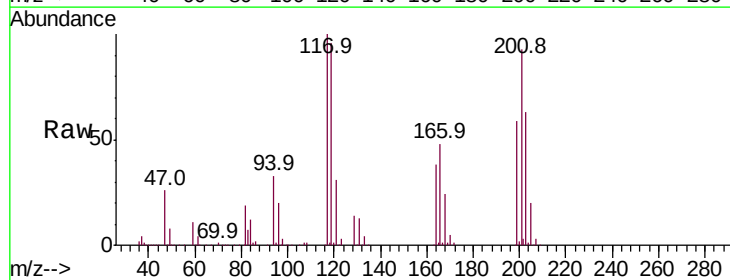


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

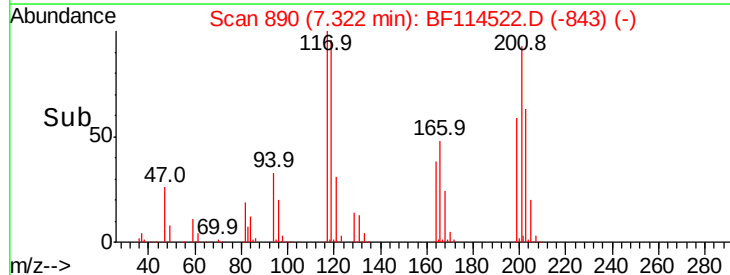
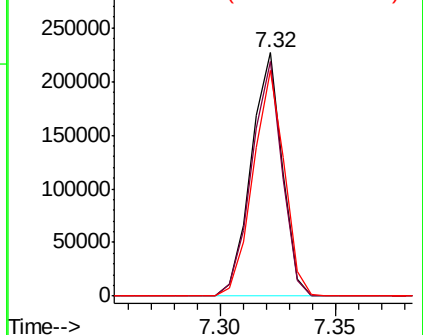


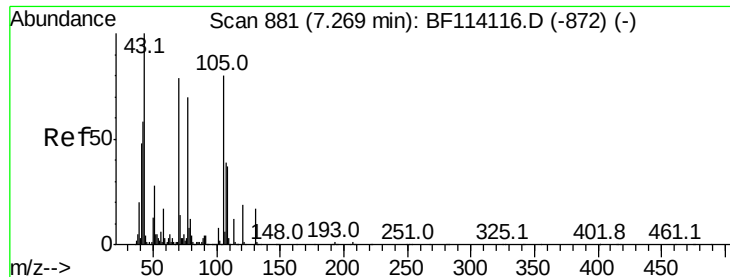
#18
Hexachloroethane
Concen: 85.716 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:117 Resp: 212584
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2
201 92.7 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
250000 Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0

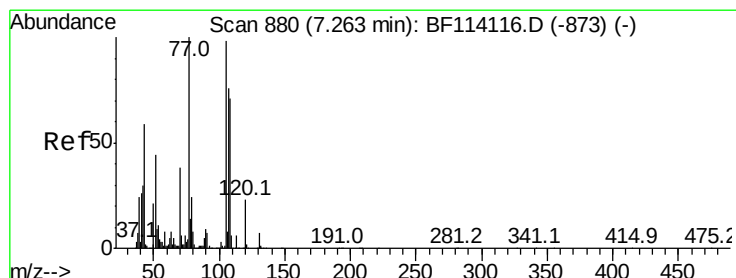
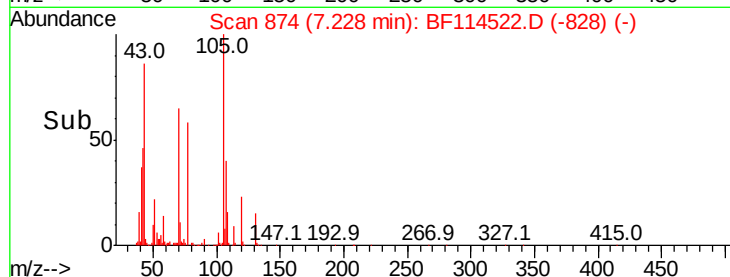
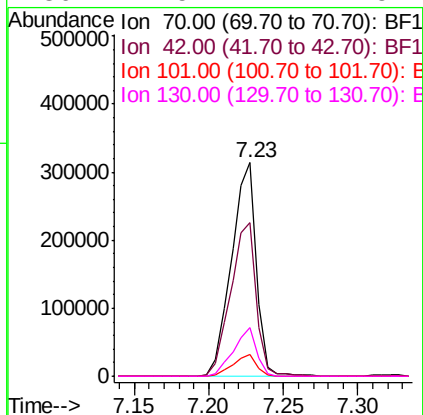
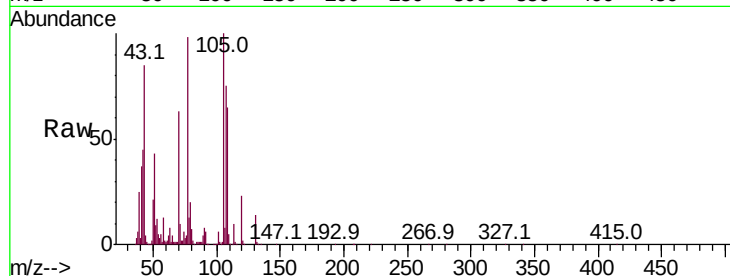




#19
n-Nitroso-di-n-propylamine
Concen: 89.405 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

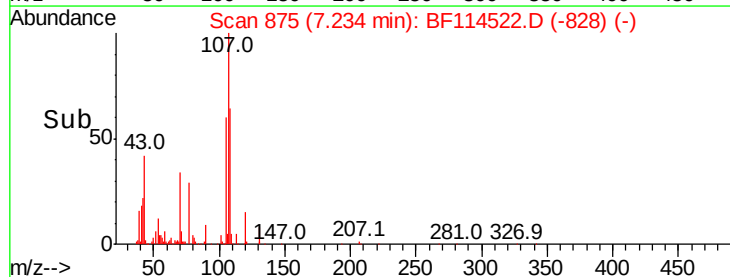
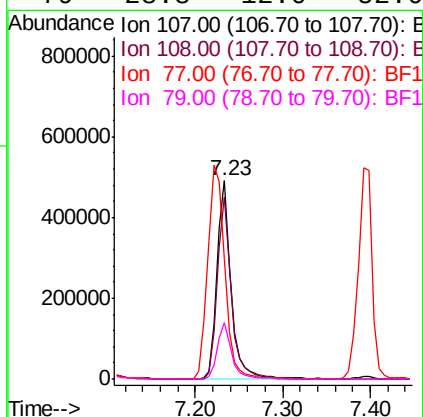
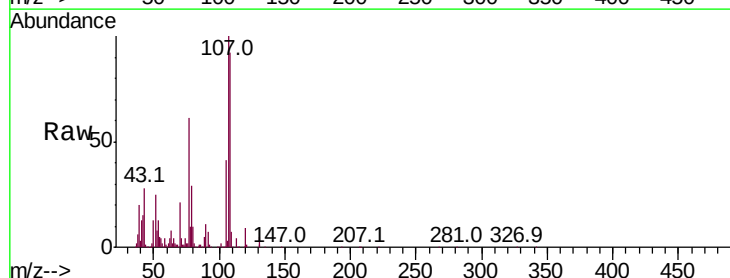
Instrument :
BNA_F
ClientSampleId :

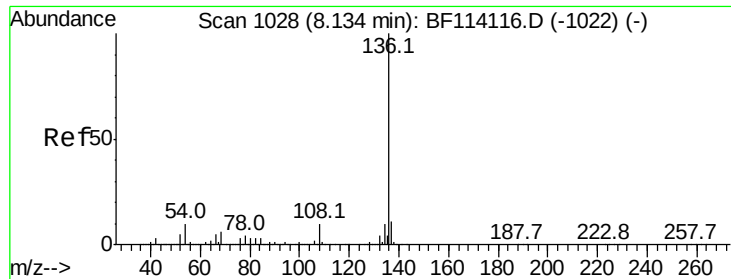
Tot Ion: 70 Resp: 366734
Ion Ratio Lower Upper
70 100
42 71.7 58.6 87.8
101 10.0 7.8 11.8
130 22.5 17.1 25.7



#20
3+4-Methylphenols
Concen: 98.962 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:107 Resp: 548636
Ion Ratio Lower Upper
107 100
108 91.8 73.8 113.8
77 60.6 111.5 151.5#
79 28.8 12.0 52.0

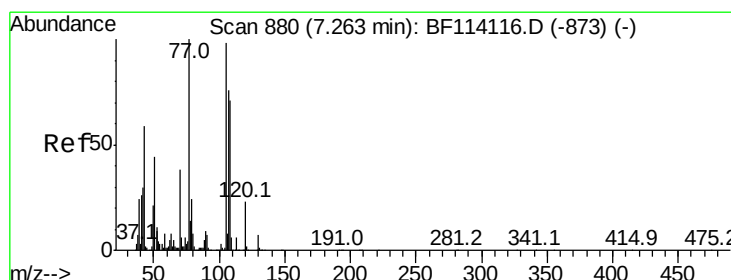
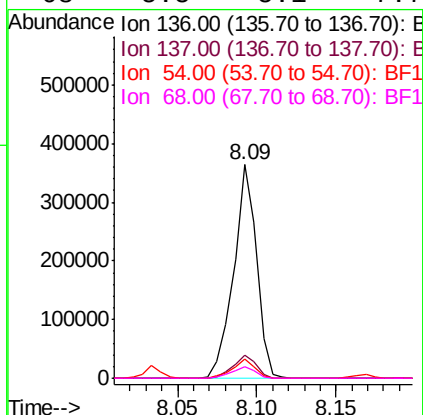
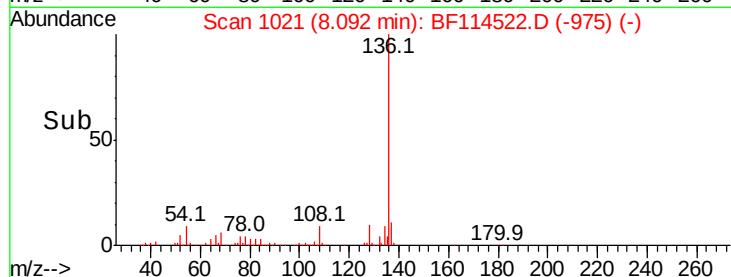
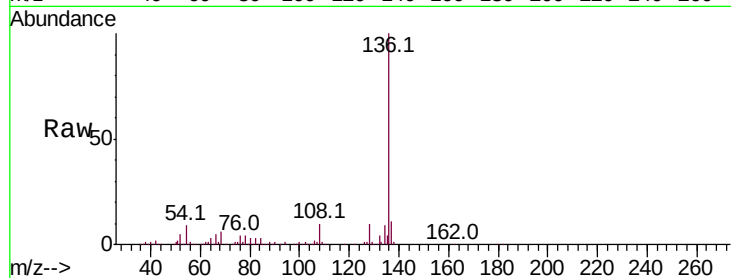




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

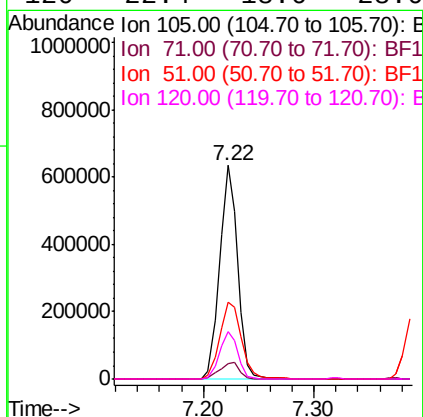
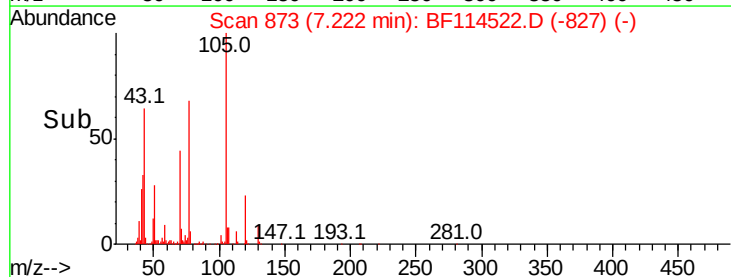
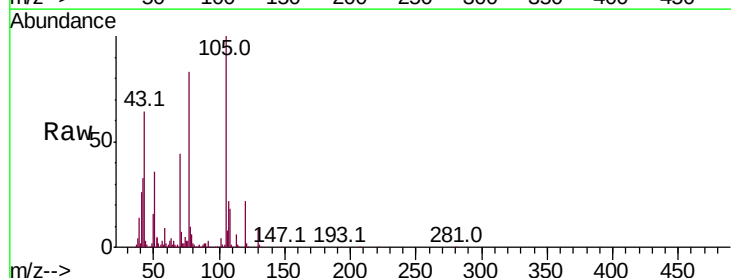
Instrument :
BNA_F
ClientSampleId :

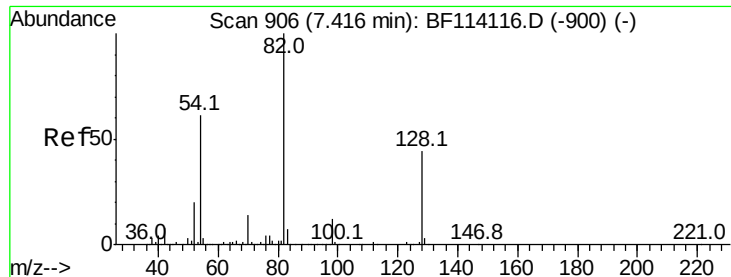
Tot Ion:	136	Resp:	364221
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.8	7.8	11.8
68	5.5	5.1	7.7



#22
Acetophenone
Concen: 89.184 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:	105	Resp:	719596
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.3	7.9
51	35.9	36.2	54.4#
120	22.4	18.6	28.0

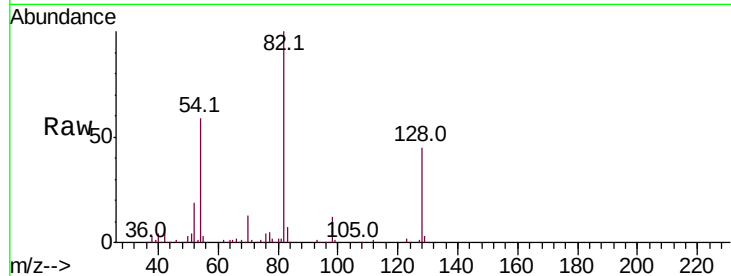




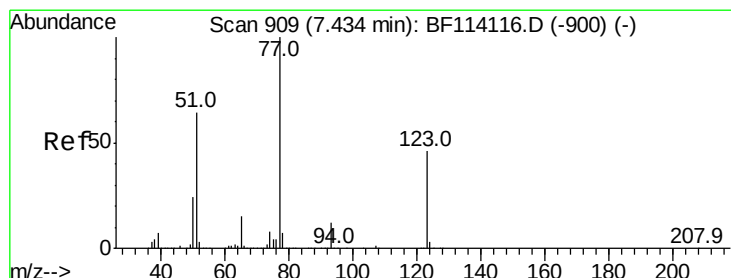
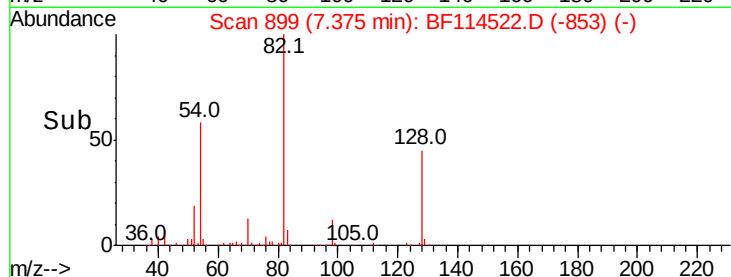
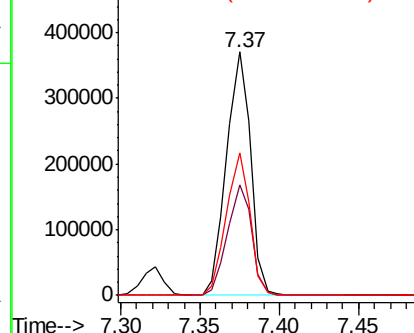
#23
 Nitrobenzene-d5
 Concen: 60.484 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.03 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 392543
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.5 53.3
 54 58.7 48.5 72.7

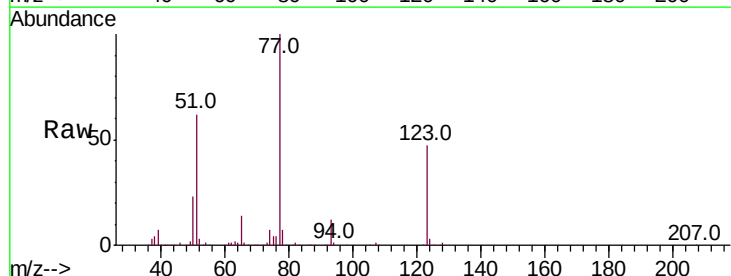


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

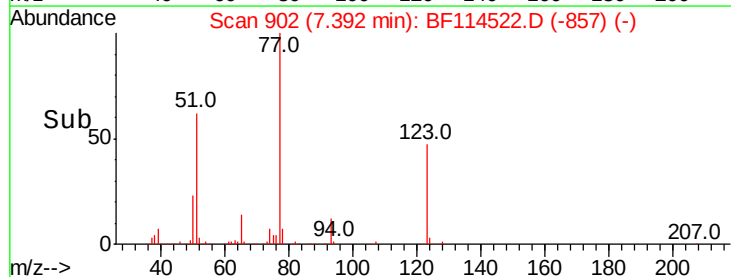
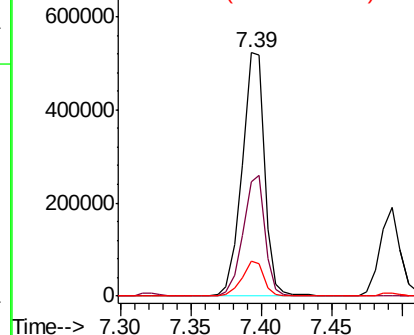


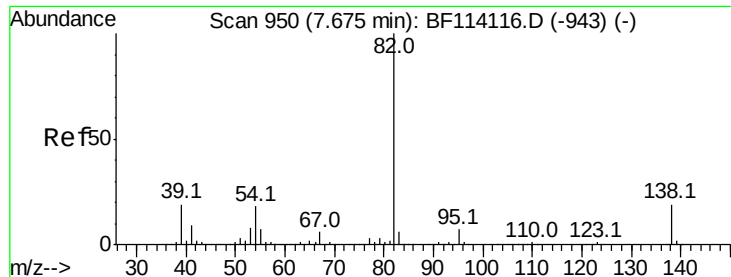
#24
 Nitrobenzene
 Concen: 87.588 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.04 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Tgt Ion: 77 Resp: 578971
 Ion Ratio Lower Upper
 77 100
 123 46.9 36.9 55.3
 65 14.2 11.8 17.6



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: 88.706 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

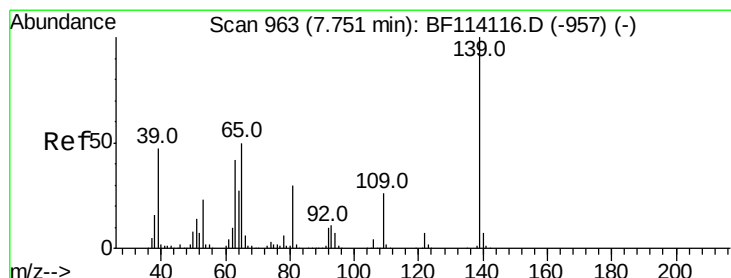
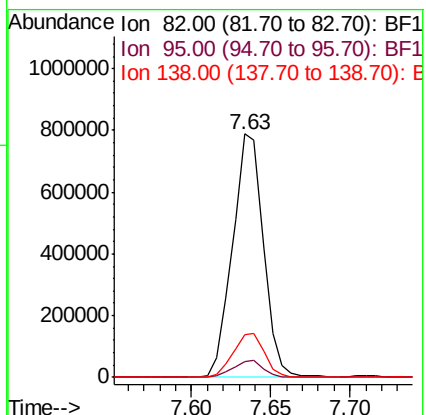
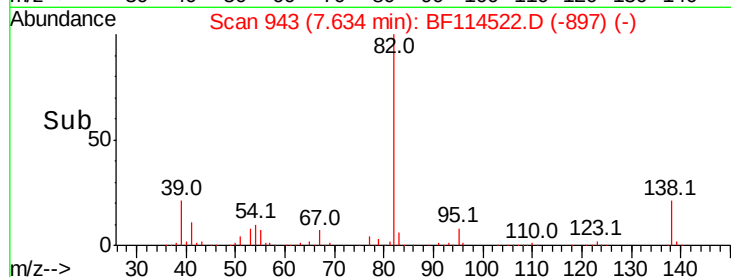
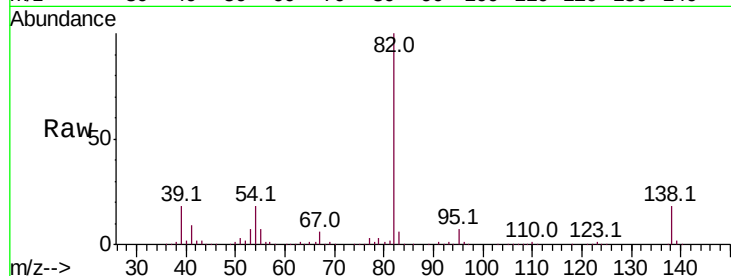
Tot Ion: 82 Resp: 1067699

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 17.6 14.8 22.2



#26

2-Nitrophenol

Concen: 92.754 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

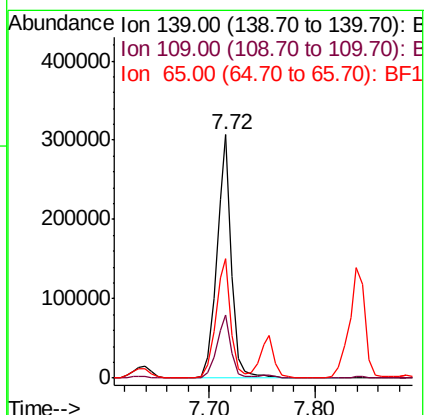
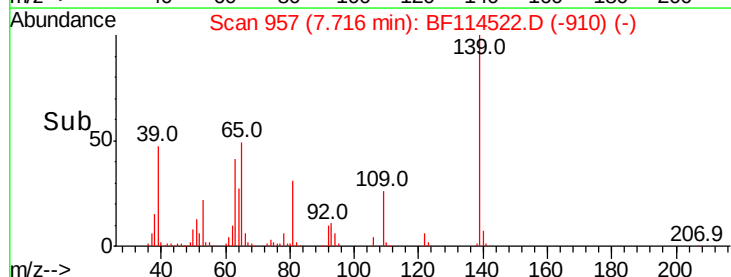
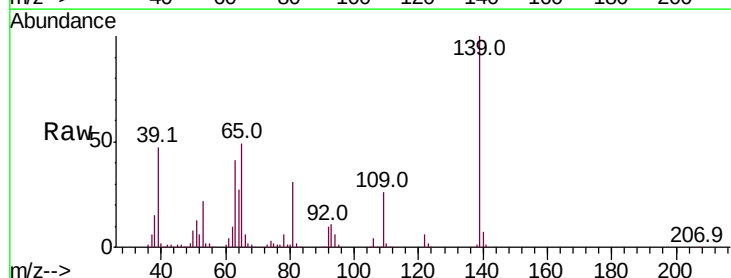
Tgt Ion:139 Resp: 297463

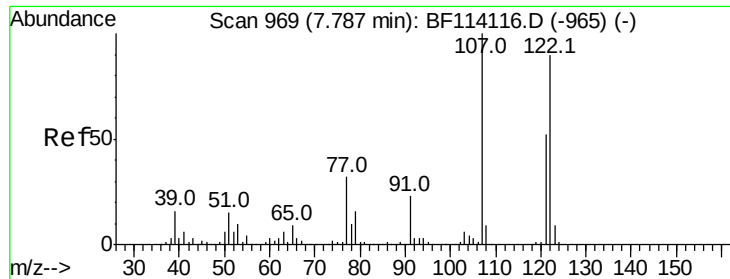
Ion Ratio Lower Upper

139 100

109 26.0 20.7 31.1

65 49.2 40.2 60.2

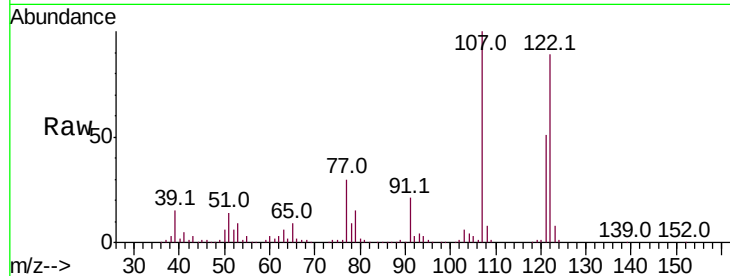




#27
2,4-Dimethylphenol
Concen: 96.093 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	88.4	132.6
121	57.8	45.9	68.9

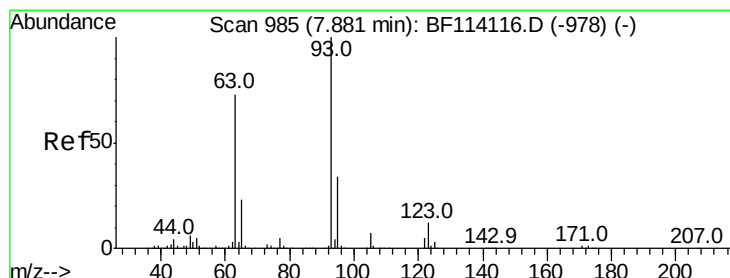
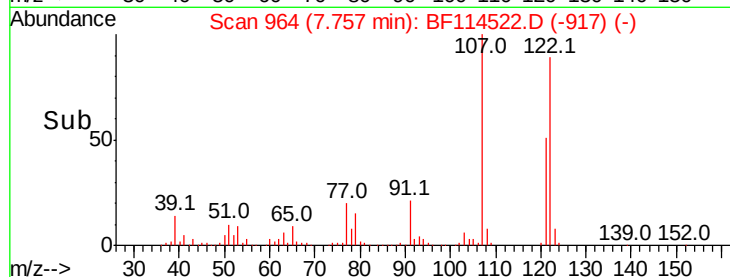
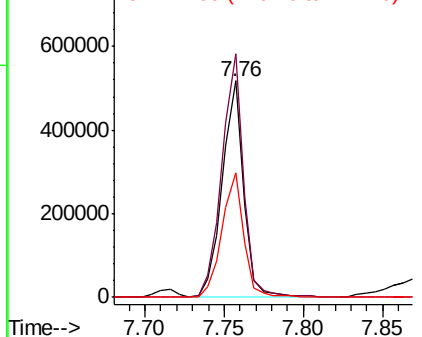


Abundance

Ion 122.00 (121.70 to 122.70): E

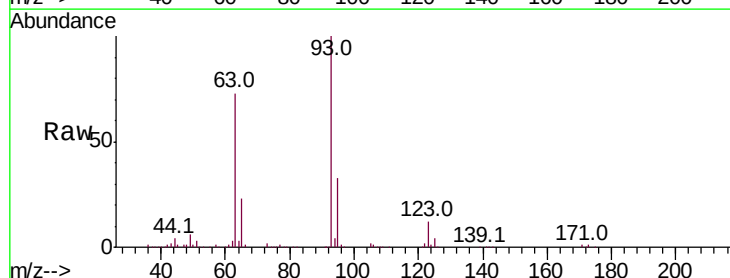
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 86.225 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.8	40.2
123	11.7	9.5	14.3

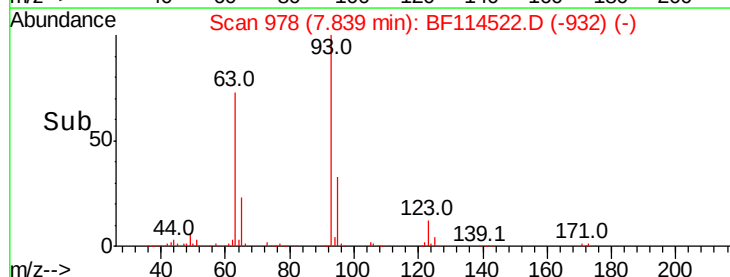
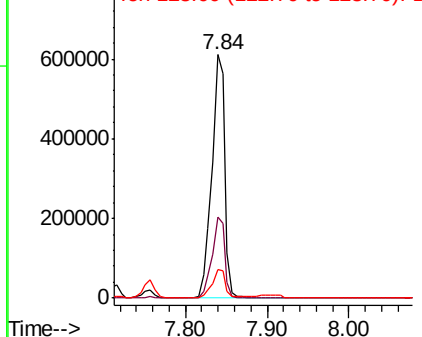


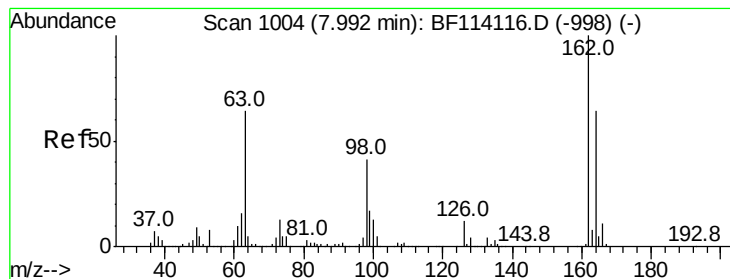
Abundance

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: 91.666 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampled :

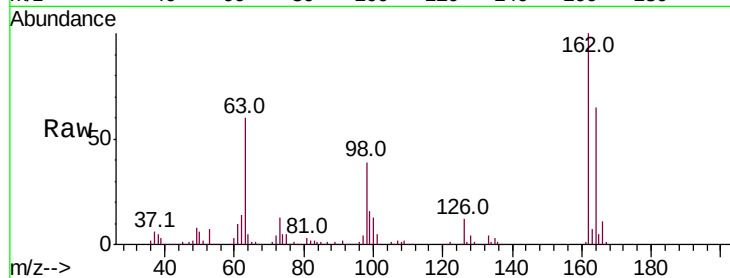
Tot Ion:162 Resp: 459752

Ion Ratio Lower Upper

162 100

164 64.7 43.6 83.6

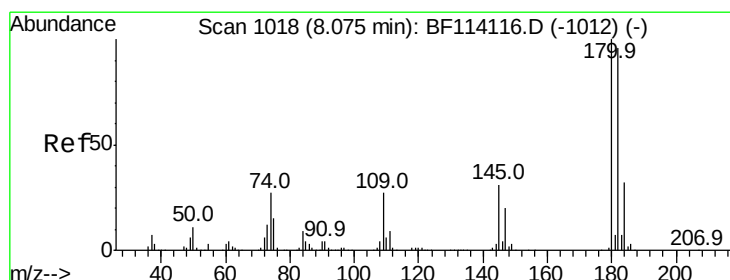
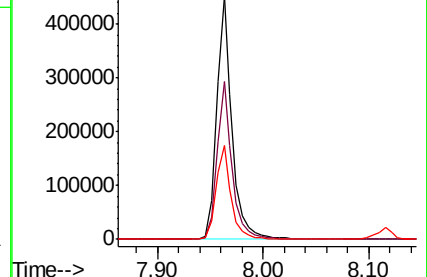
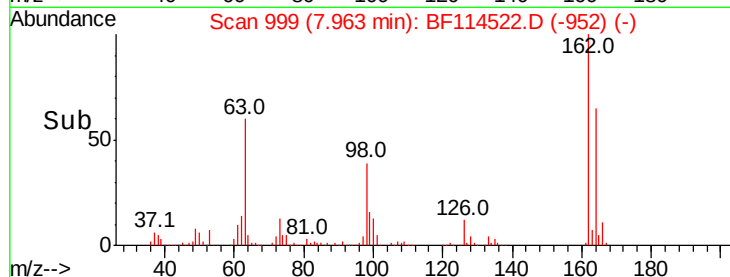
98 38.7 20.6 60.6



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: 84.406 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

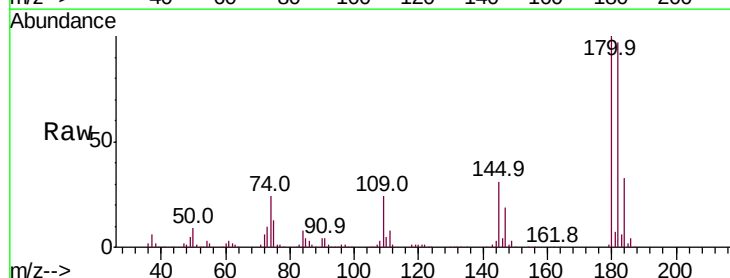
Tgt Ion:180 Resp: 481389

Ion Ratio Lower Upper

180 100

182 97.3 76.6 114.8

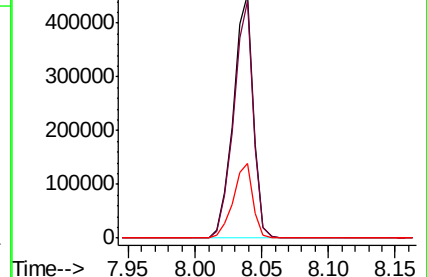
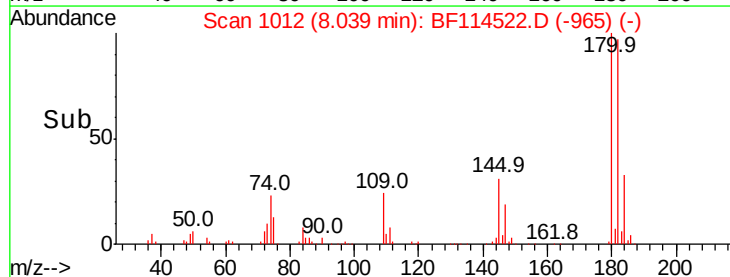
145 30.5 25.1 37.7

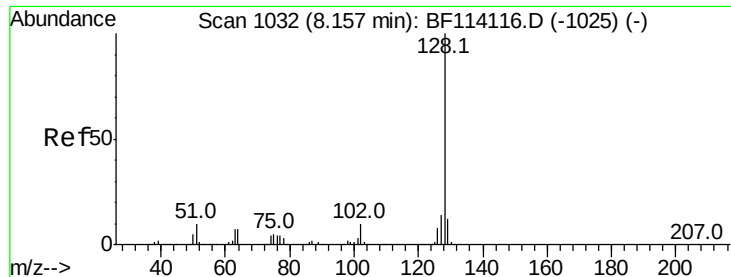


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

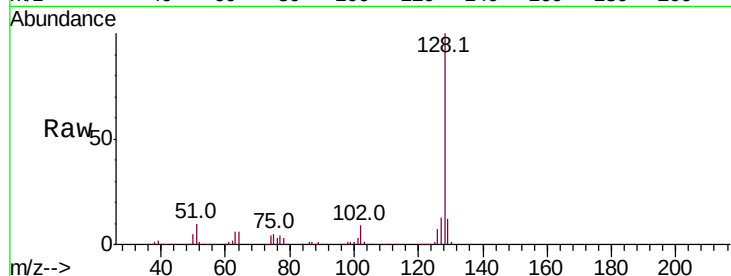




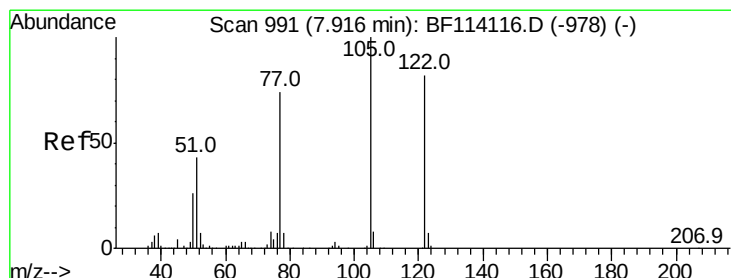
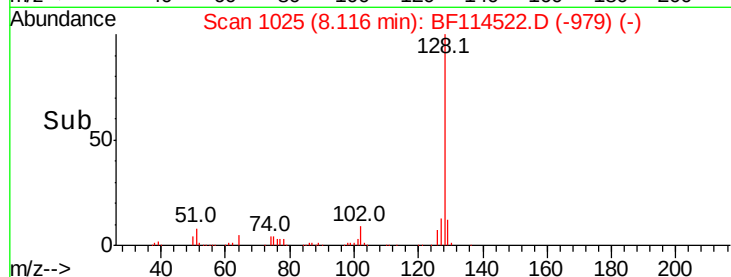
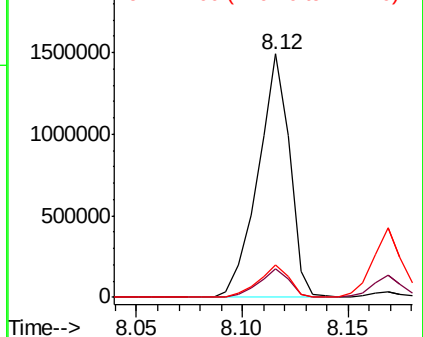
#31
Naphthalene
Concen: 91.387 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1554802
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.4 11.3 16.9

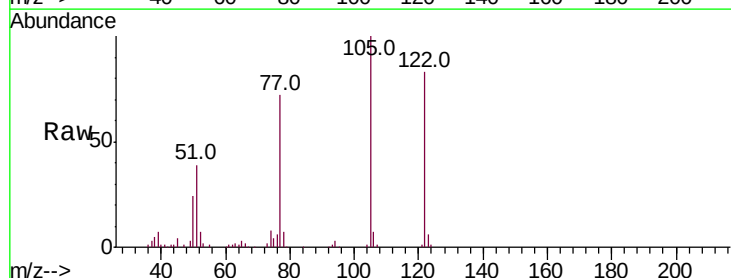


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

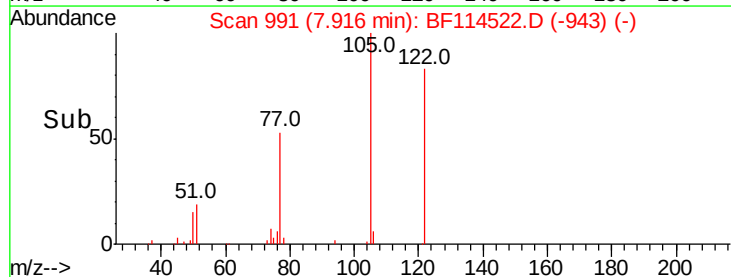
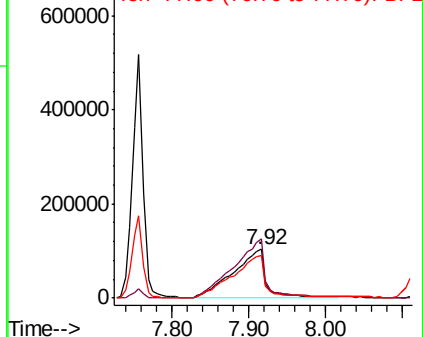


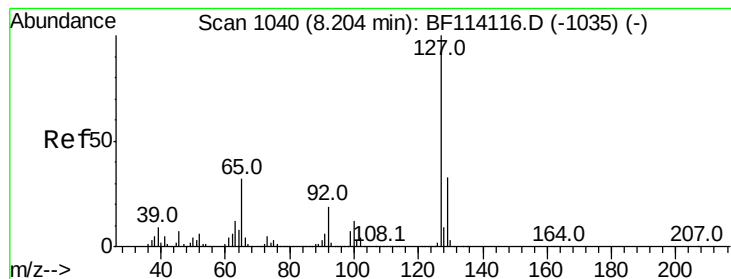
#32
Benzoic acid
Concen: 77.963 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:122 Resp: 298437
Ion Ratio Lower Upper
122 100
105 121.2 99.9 139.9
77 87.4 69.4 109.4



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: 61.178 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF114522.D

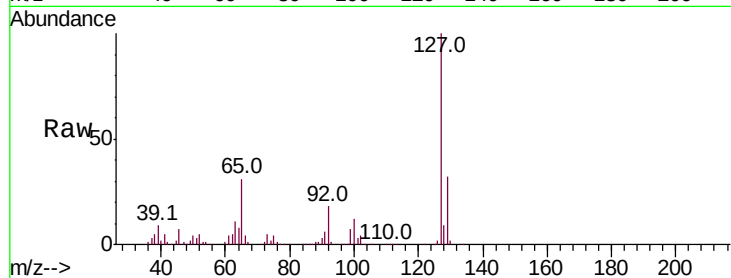
Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	474307
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.7	40.1
65	30.6	25.4	38.0
92	18.5	15.4	23.2



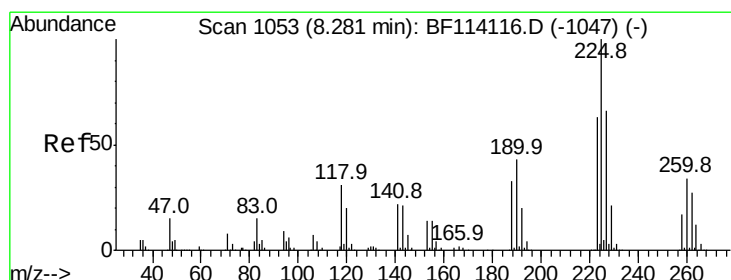
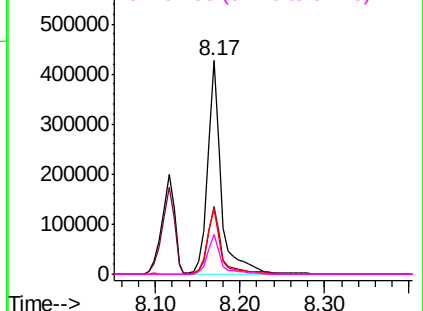
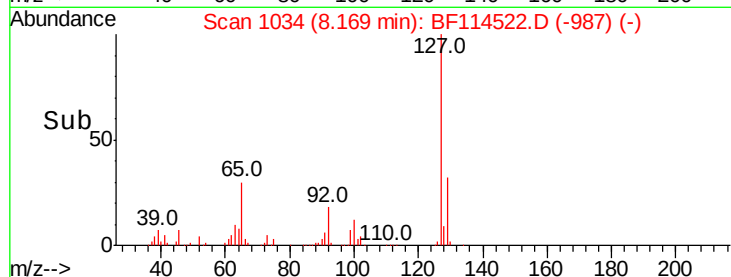
Abundance

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: 83.081 ng

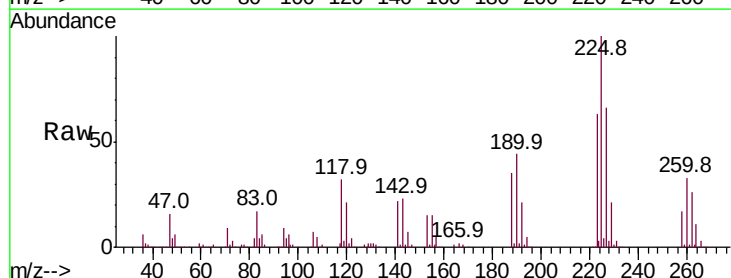
RT: 8.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Tgt Ion:	225	Resp:	269605
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	66.2	52.6	79.0

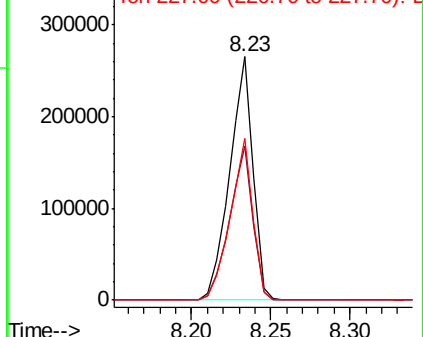
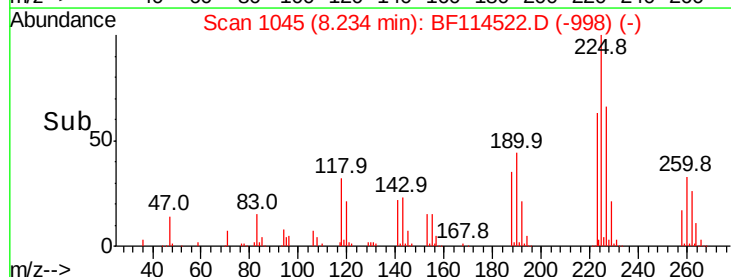


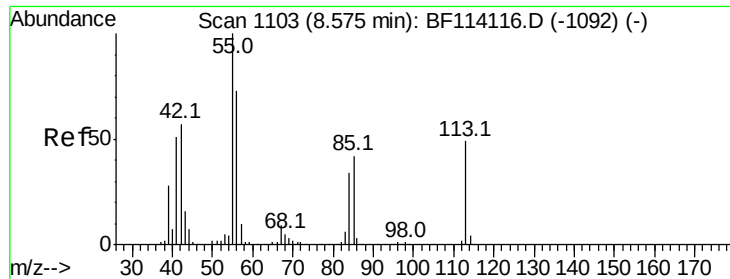
Abundance

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: 48.430 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.04 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

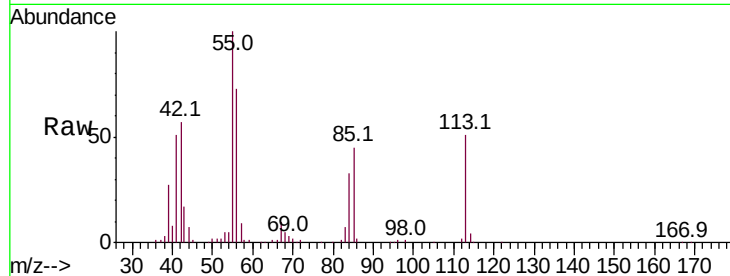
Tot Ion:113 Resp: 79203

Ion Ratio Lower Upper

113 100

55 195.3 183.5 223.5

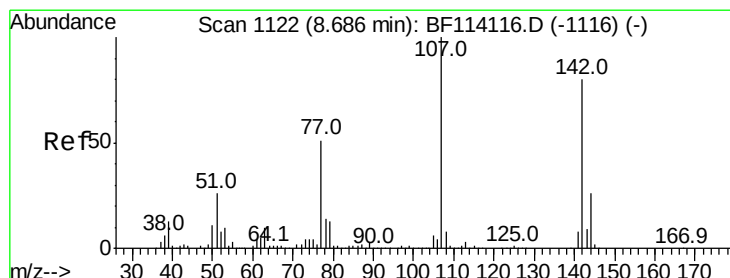
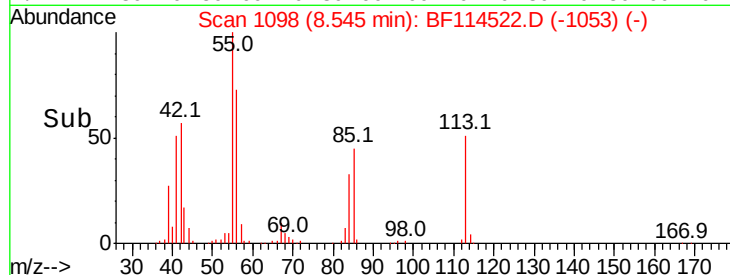
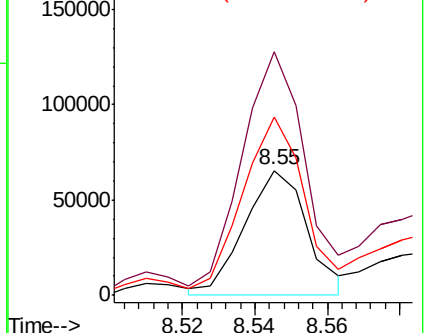
56 143.1 128.8 168.8



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: 98.204 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

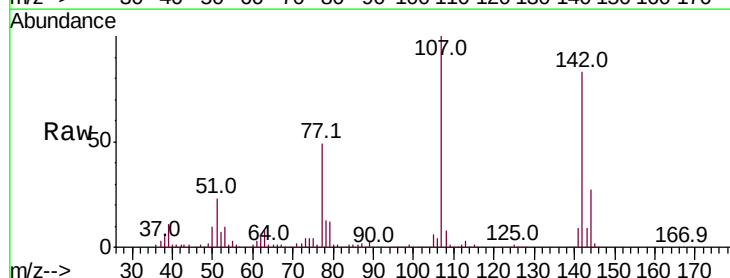
Tgt Ion:107 Resp: 495785

Ion Ratio Lower Upper

107 100

144 27.3 20.4 30.6

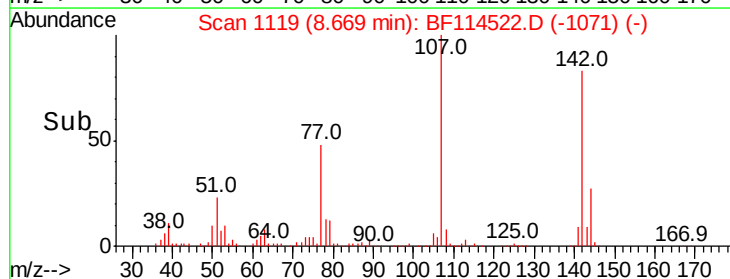
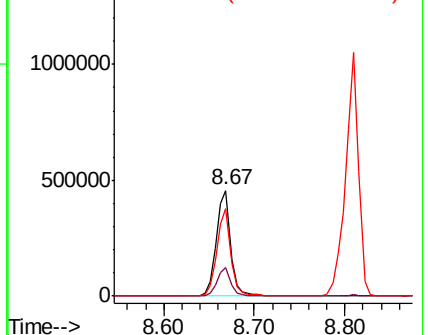
142 82.8 64.2 96.4

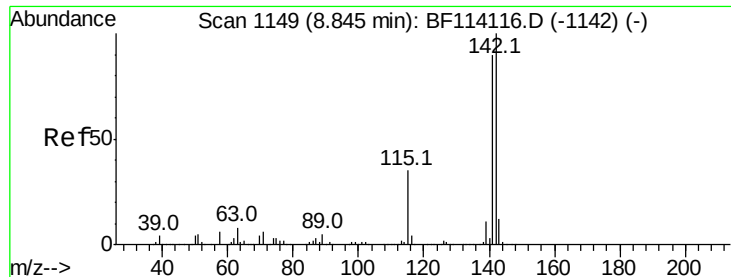


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 96.511 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.02 min

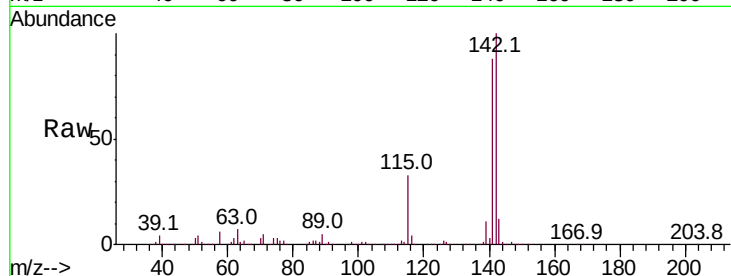
Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1059393

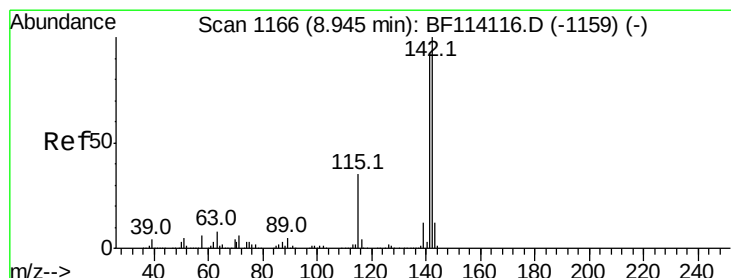
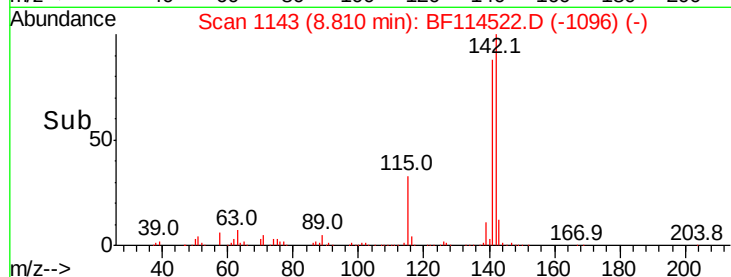
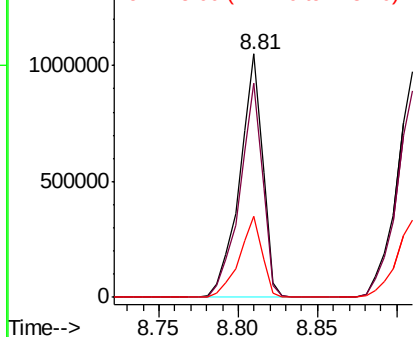
Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.1	108.1
115	33.4	28.0	42.0



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: 95.788 ng

RT: 8.91 min Scan# 1160

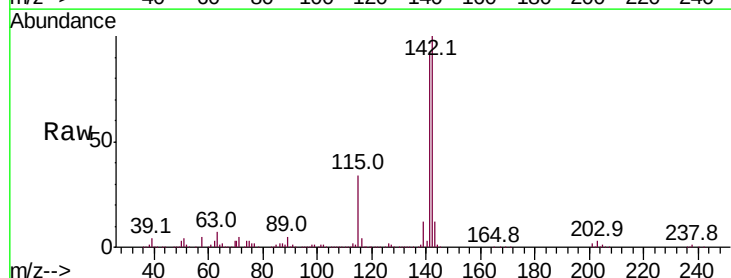
Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Tgt Ion:142 Resp: 990181

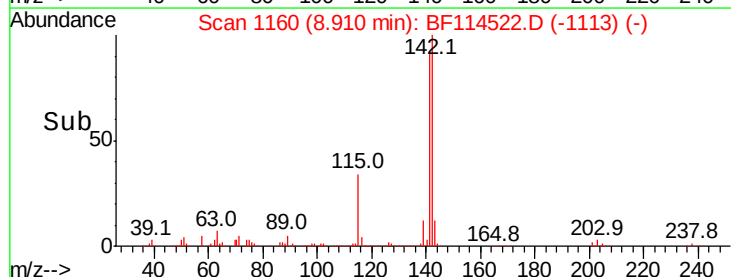
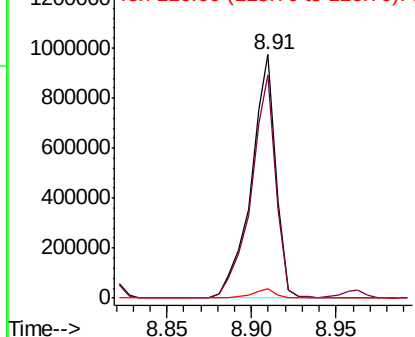
Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.6	3.1	4.7

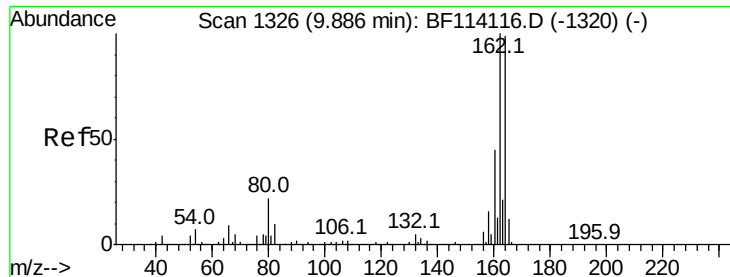


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

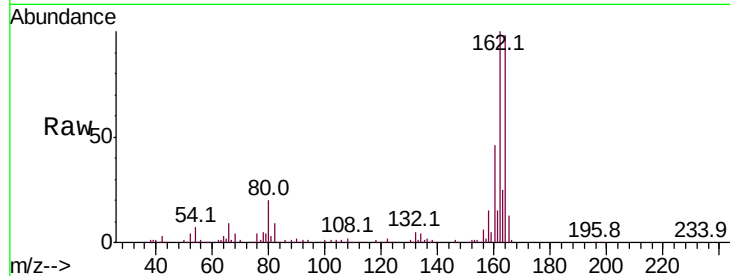




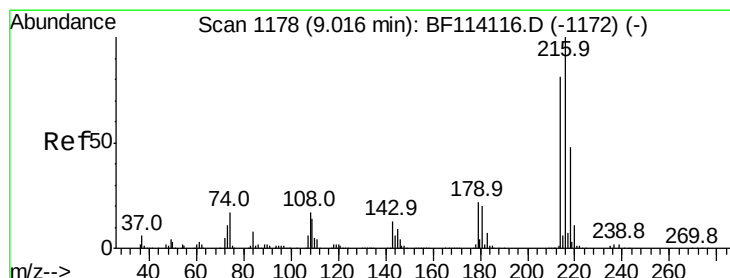
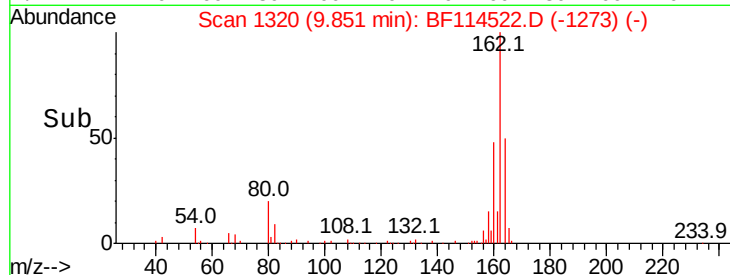
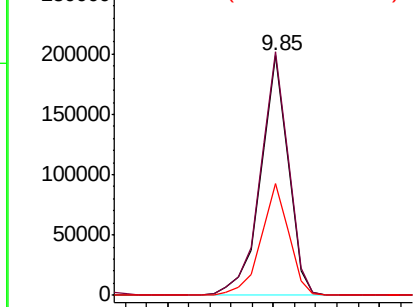
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.8	36.5	54.7



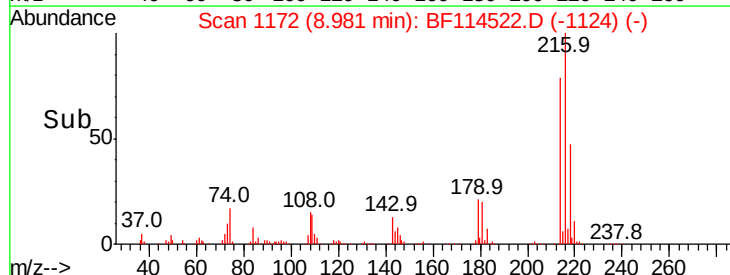
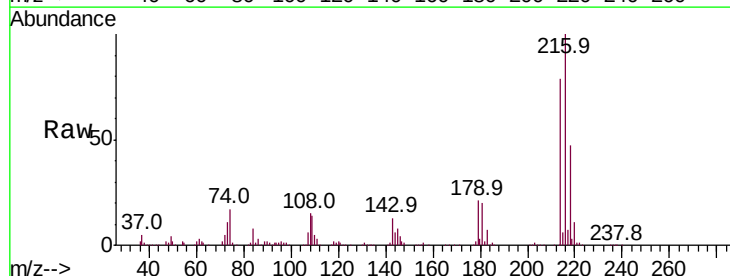
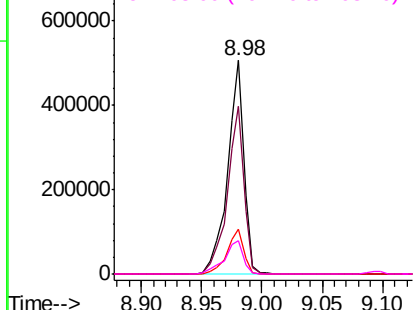
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

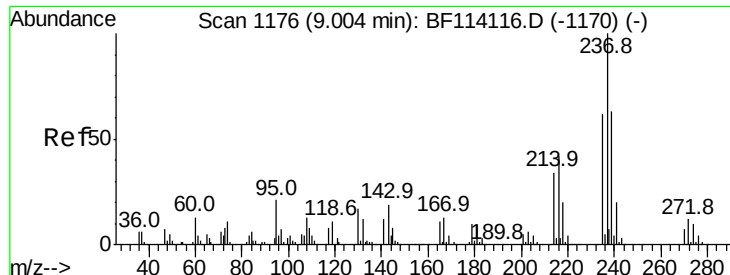


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 86.486 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.9	95.9
179	21.1	17.0	25.6
108	18.1	14.8	22.2

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

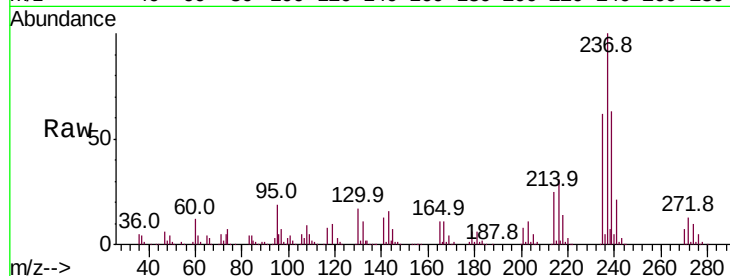




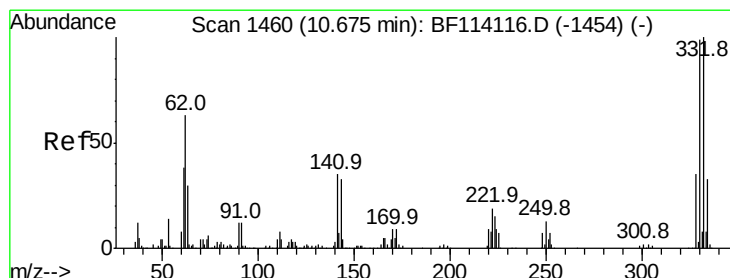
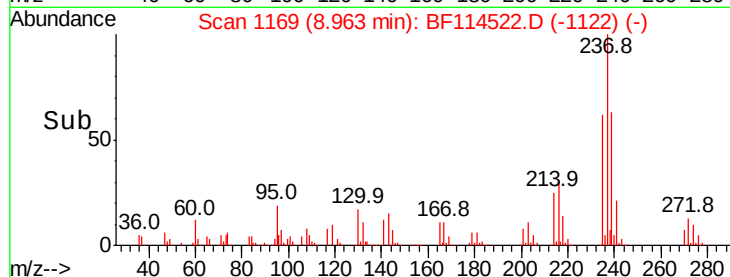
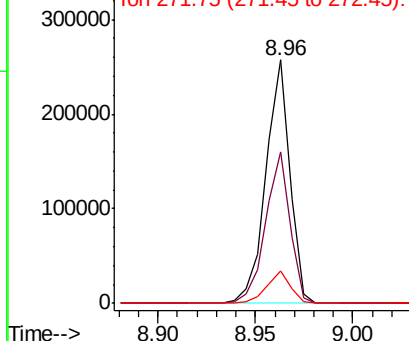
#41
Hexachlorocyclopentadiene
Concen: 85.253 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	13.4	0.0	32.4

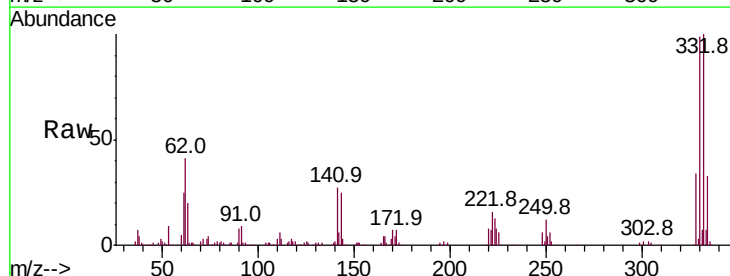


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

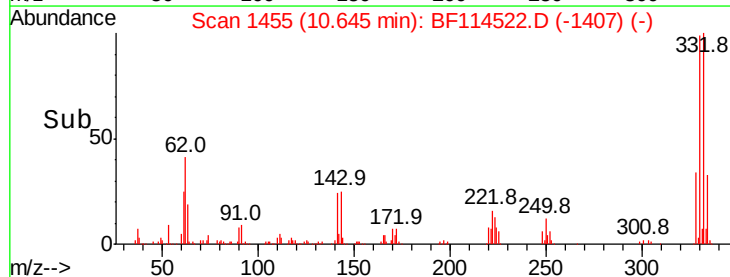
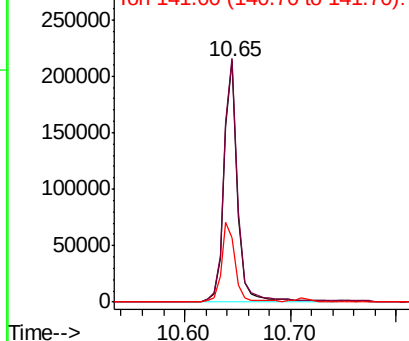


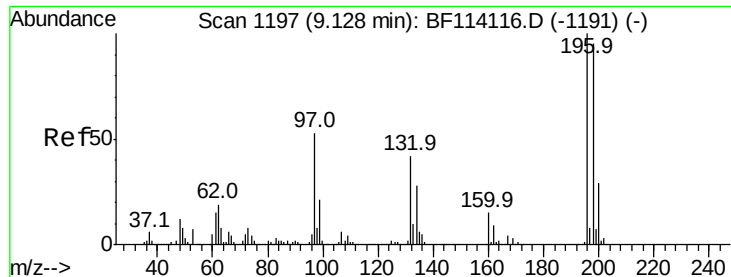
#42
2,4,6-Tribromophenol
Concen: 103.210 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.0	81.4	122.2
141	33.6	26.6	40.0



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: 81.268 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampled :

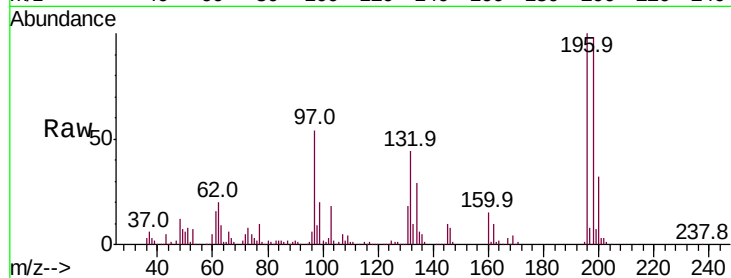
Tot Ion:196 Resp: 307952

Ion Ratio Lower Upper

196 100

198 98.2 75.9 113.9

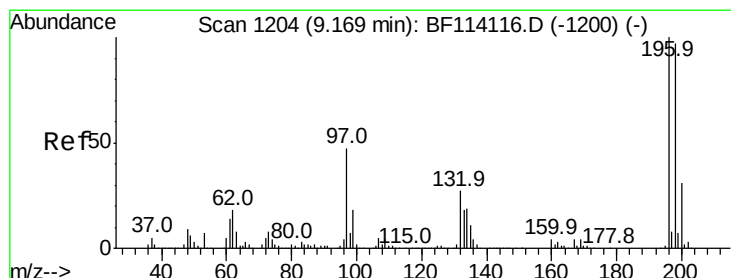
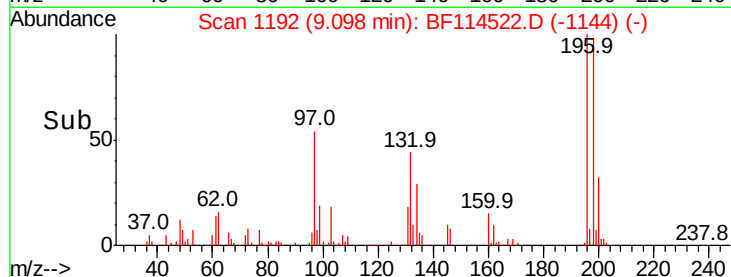
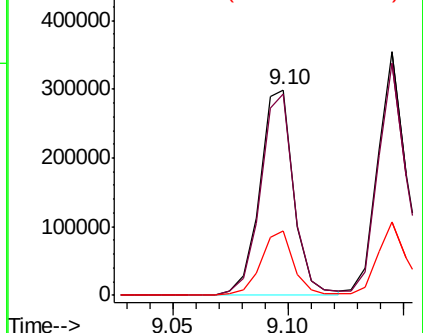
200 31.5 23.5 35.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 85.543 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Tgt Ion:196 Resp: 332430

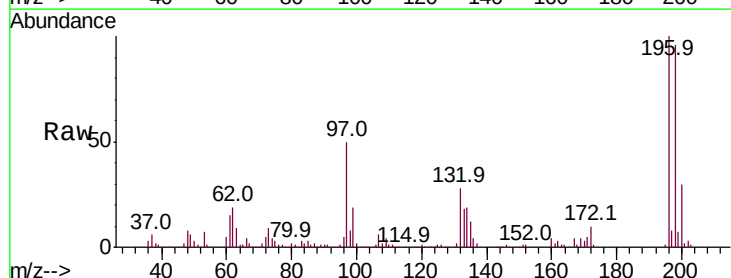
Ion Ratio Lower Upper

196 100

198 95.6 77.7 116.5

97 49.5 38.2 57.2

132 28.4 21.4 32.2

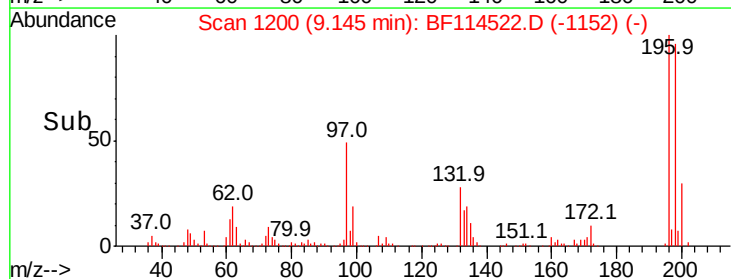
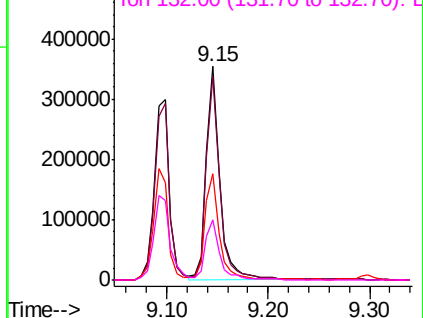


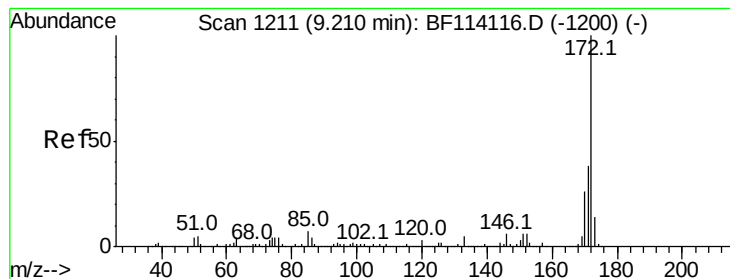
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 65.302 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

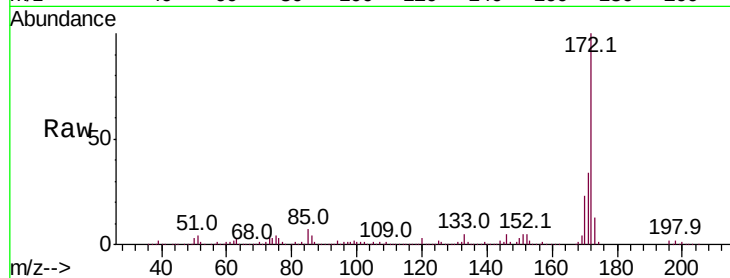
Tot Ion:172 Resp: 785116

Ion Ratio Lower Upper

172 100

171 34.2 30.7 46.1

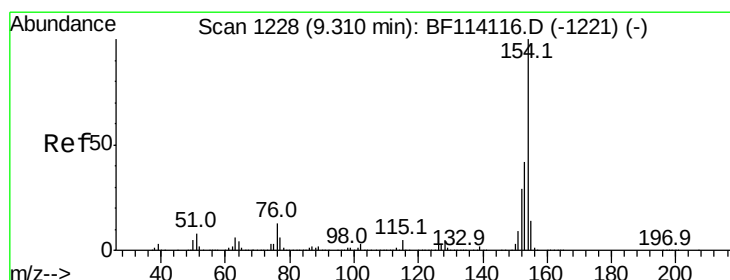
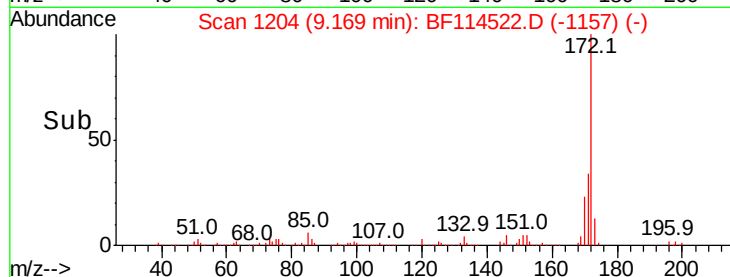
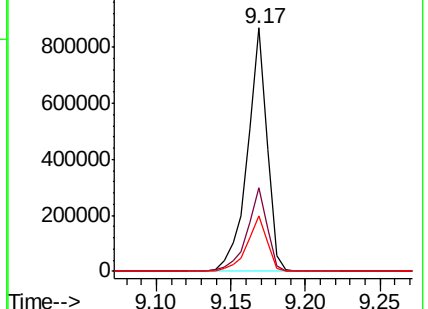
170 22.8 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 87.217 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

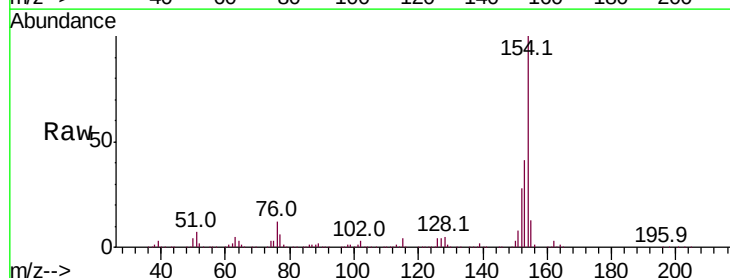
Tgt Ion:154 Resp: 1281413

Ion Ratio Lower Upper

154 100

153 40.6 21.9 61.9

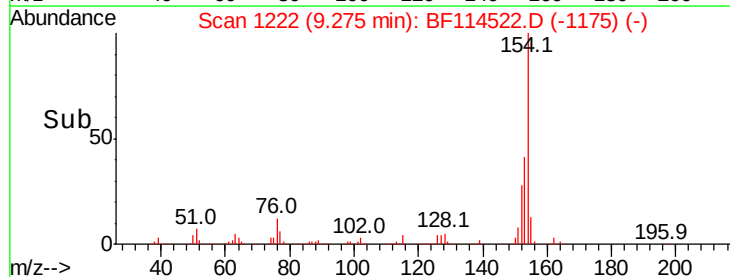
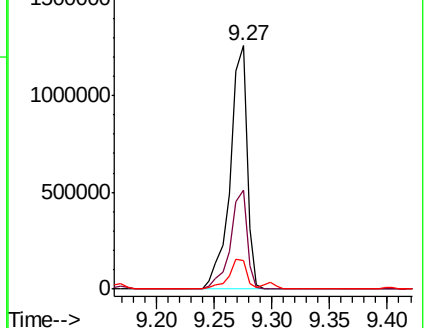
76 11.6 0.0 32.8

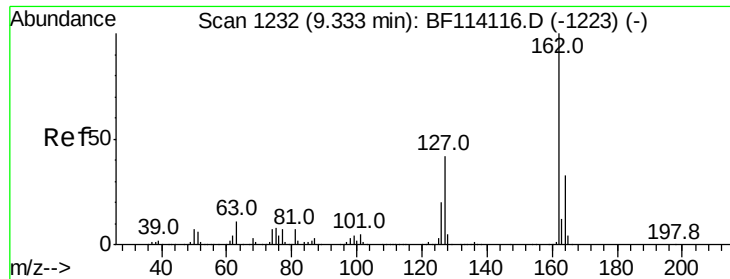


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

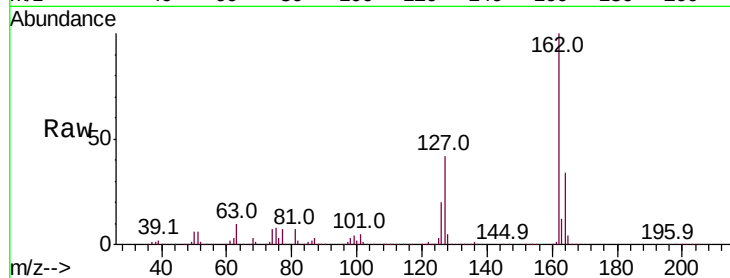




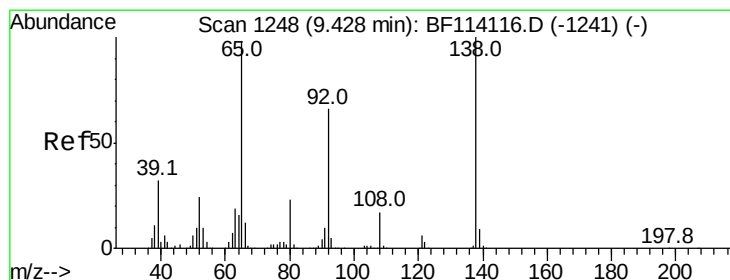
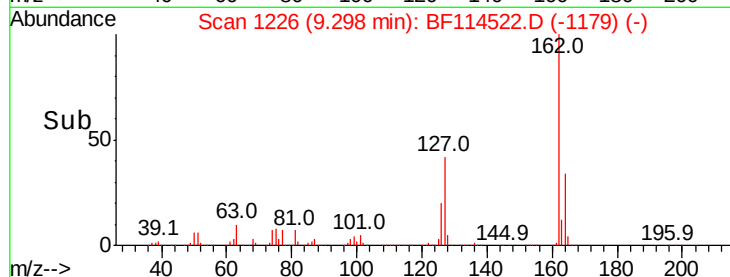
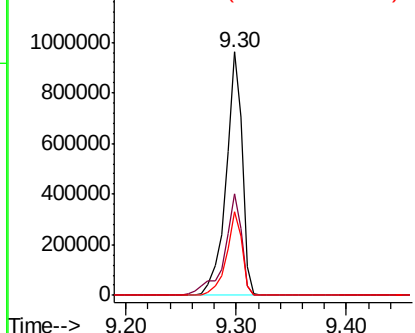
#47
 2-Chloronaphthalene
 Concen: 82.771 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	34.1	26.7	40.1

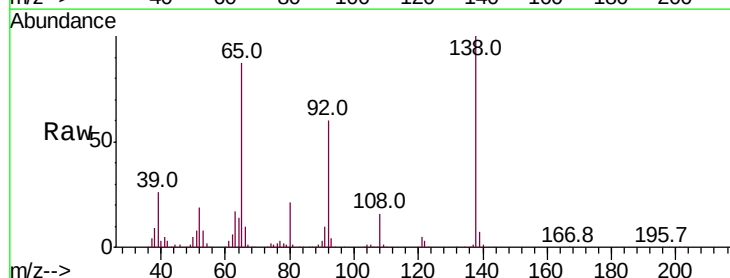


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

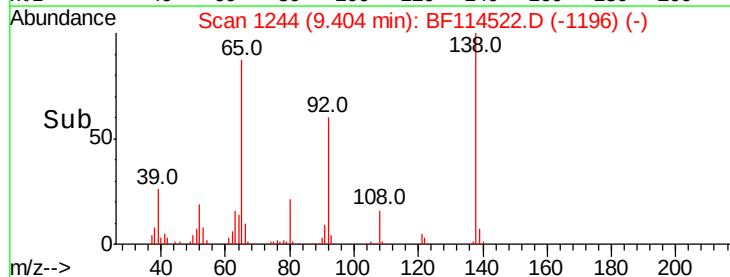
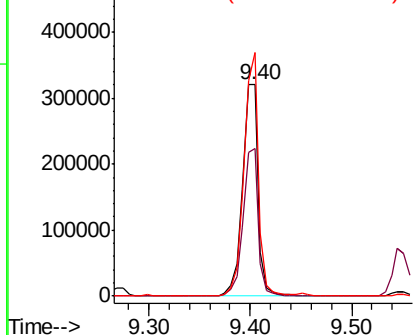


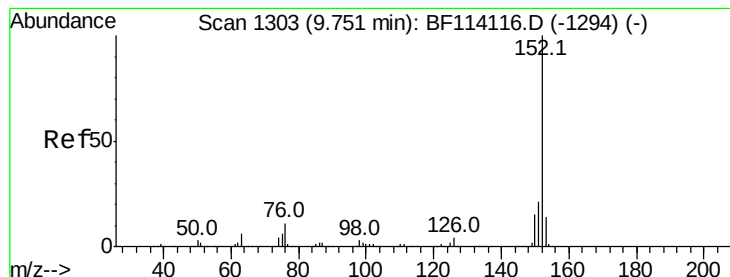
#48
 2-Nitroaniline
 Concen: 81.474 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	53.9	80.9
138	115.2	81.4	122.0



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: 86.832 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

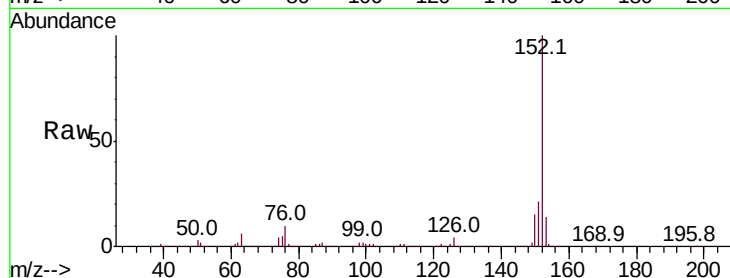
Tot Ion:152 Resp: 1561588

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

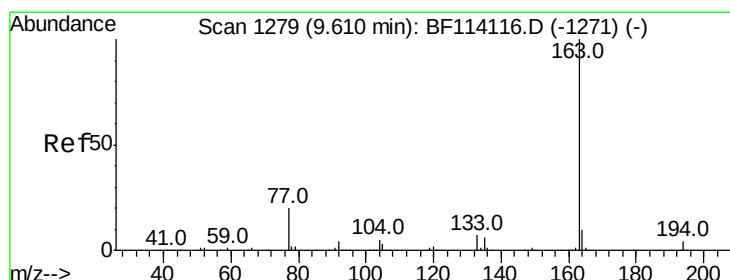
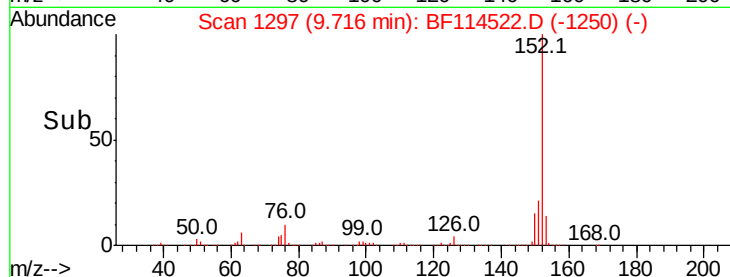
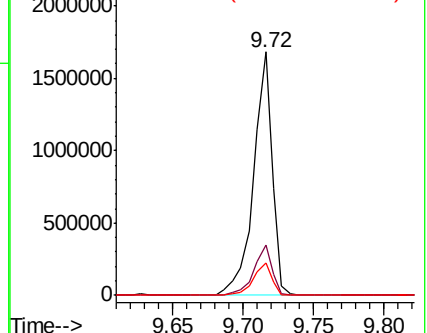
153 13.6 11.4 17.2



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: 87.246 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

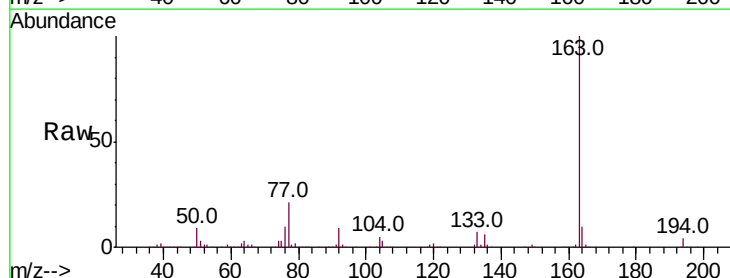
Tgt Ion:163 Resp: 1164798

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

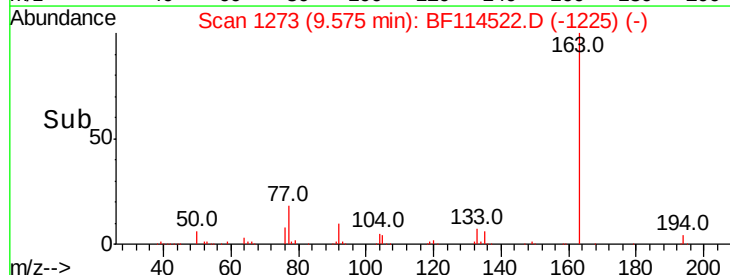
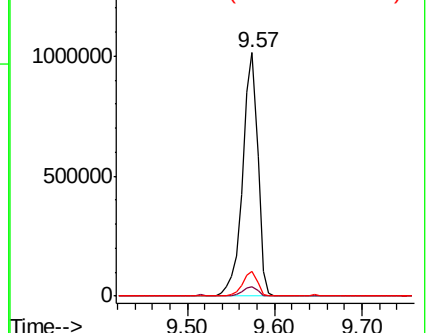
164 10.1 8.2 12.2

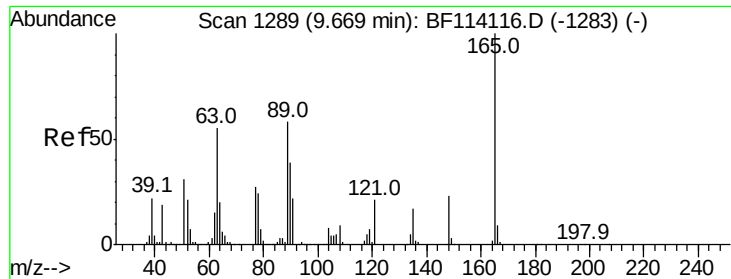


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

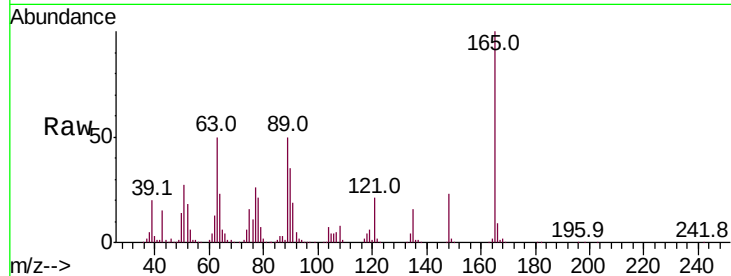




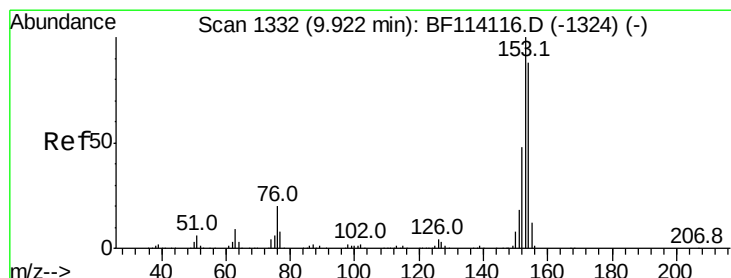
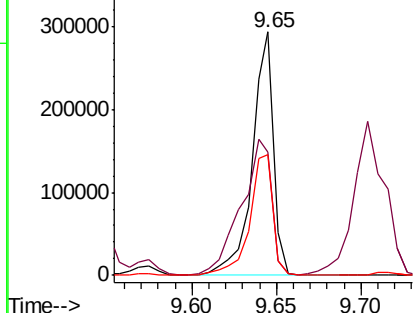
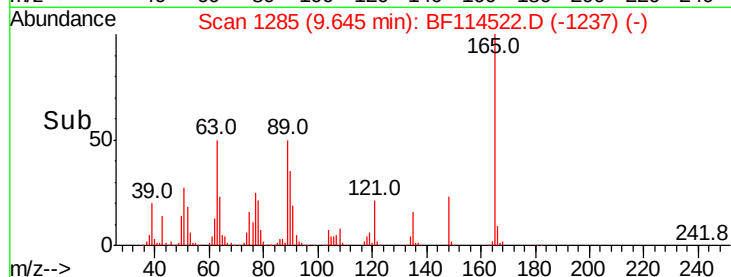
#51
 2,6-Dinitrotoluene
 Concen: 87.578 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	50.2	75.4
89	49.6	46.6	69.8

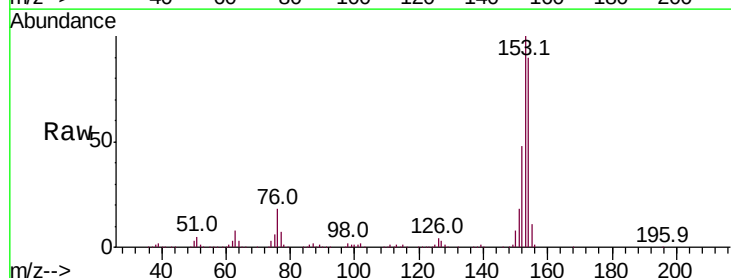


Abundance Ion 165.00 (164.70 to 165.70): E
 400000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

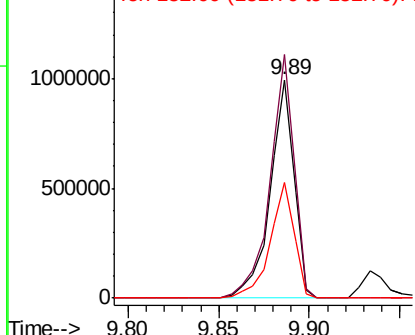
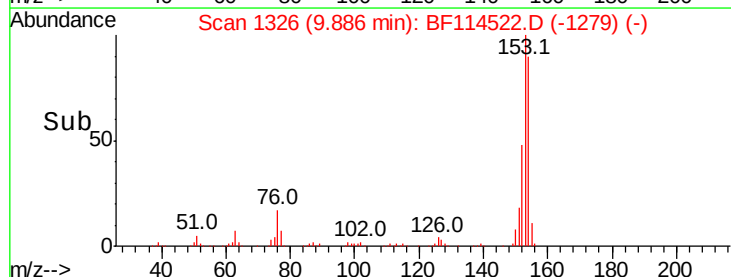


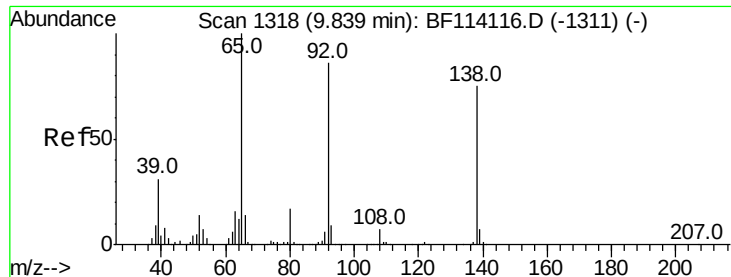
#52
 Acenaphthene
 Concen: 82.914 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF114522.D
 Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	53.1	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 1500000
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

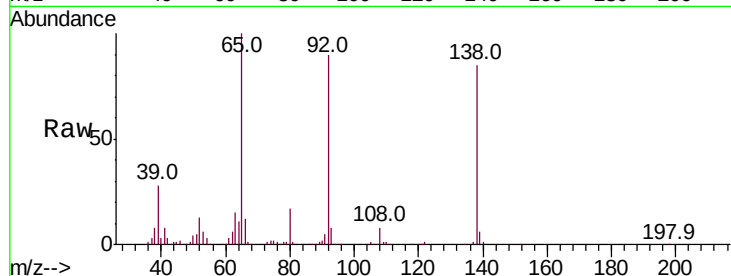




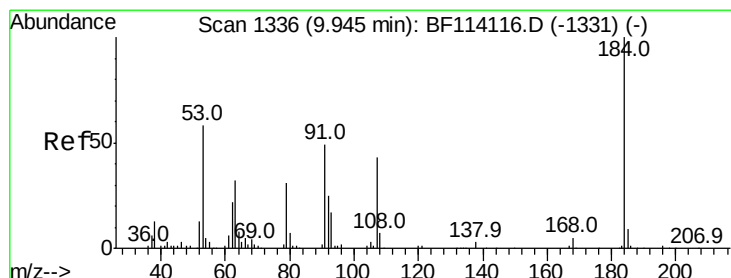
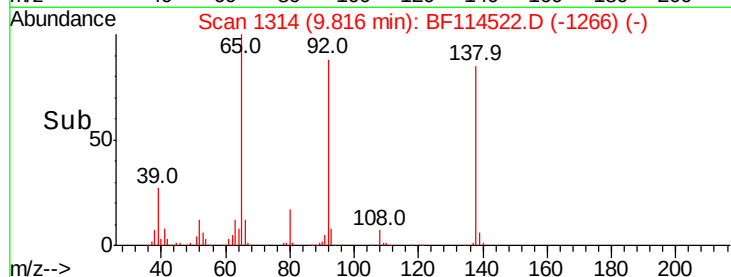
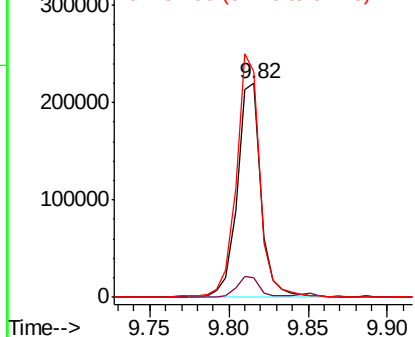
#53
3-Nitroaniline
Concen: 62.248 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.8	11.6
92	105.6	91.2	136.8

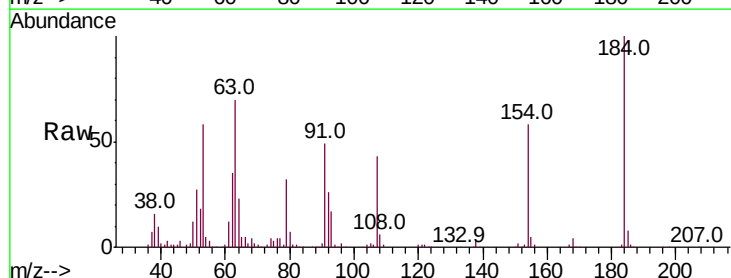


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

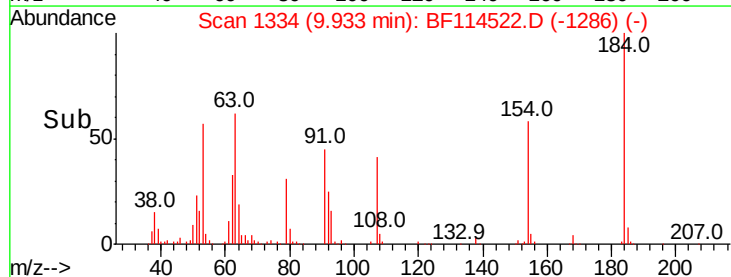
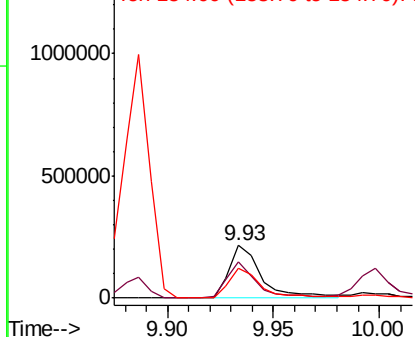


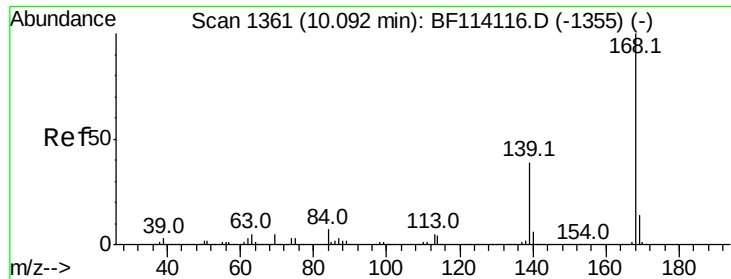
#54
2,4-Dinitrophenol
Concen: 148.421 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.8	55.6	83.4
154	58.0	46.0	69.0



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

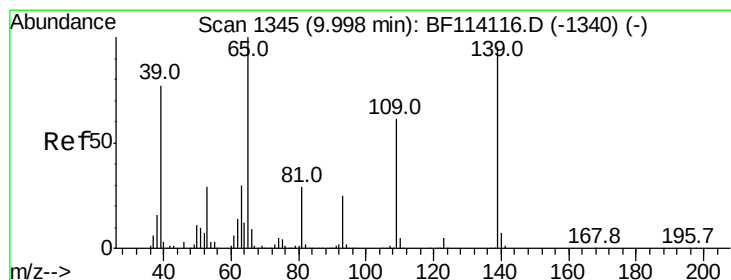
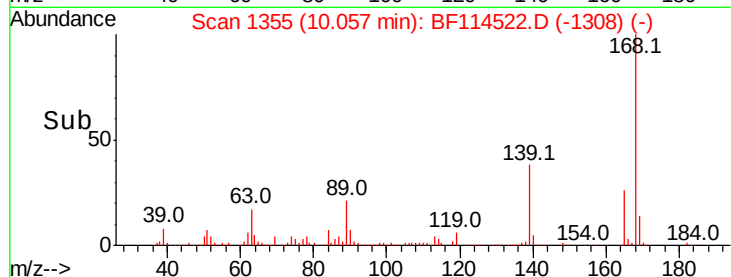
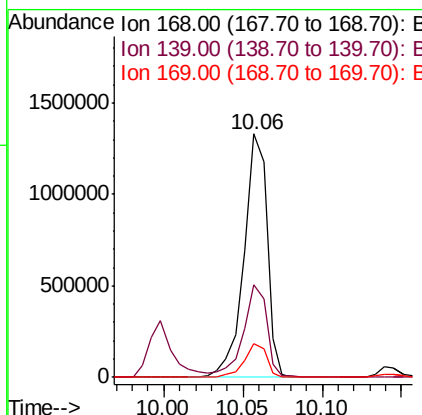
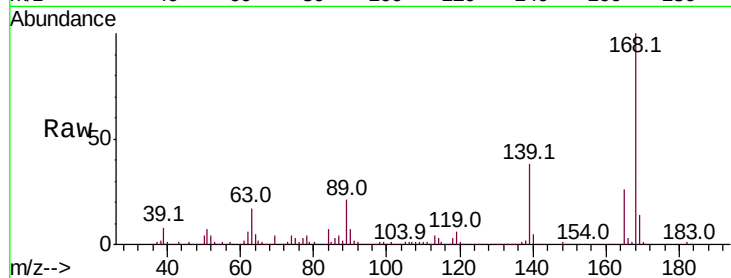




#55
Dibenzofuran
Concen: 83.186 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

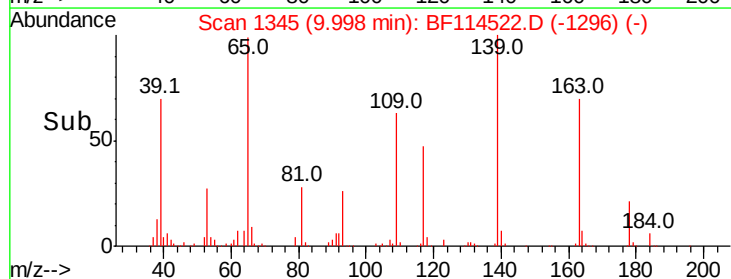
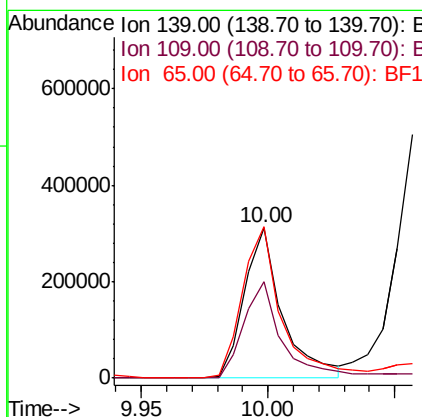
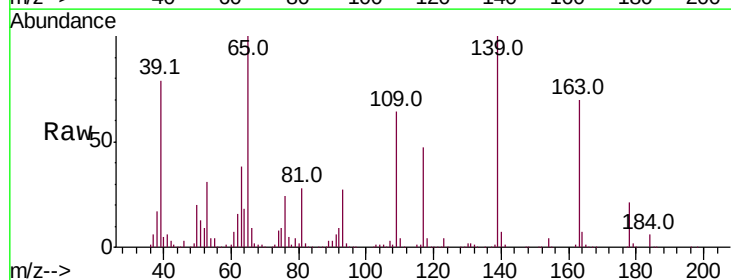
Instrument :
BNA_F
ClientSampleId :

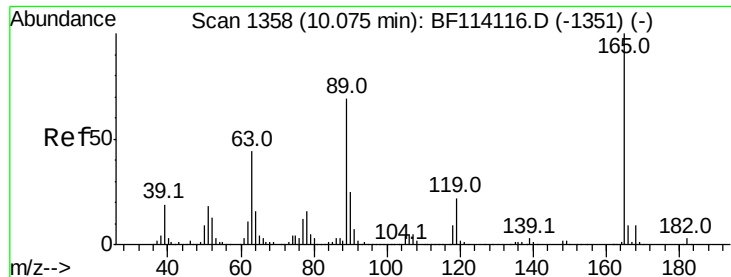
Tot Ion:168 Resp: 1346133
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 125.676 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:139 Resp: 326695
Ion Ratio Lower Upper
139 100
109 63.9 43.9 83.9
65 100.3 85.7 125.7

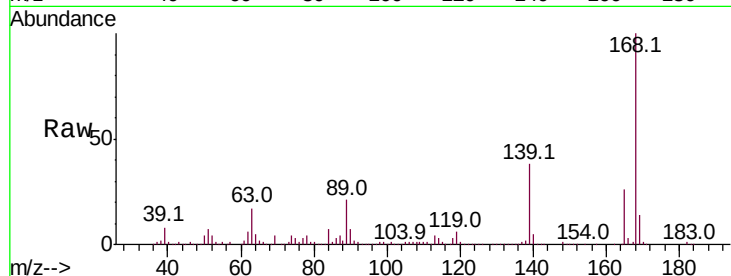




#57
2,4-Dinitrotoluene
Concen: 80.058 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.9	35.5	53.3
89	79.3	55.2	82.8
182	2.6	2.2	3.2



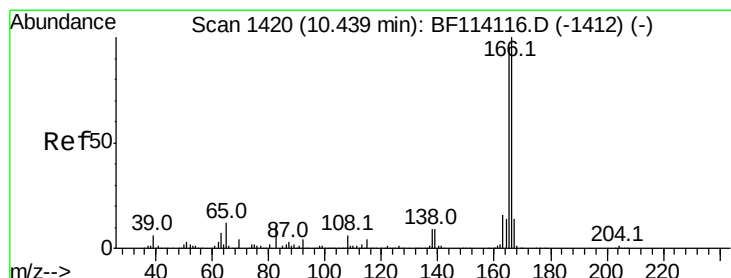
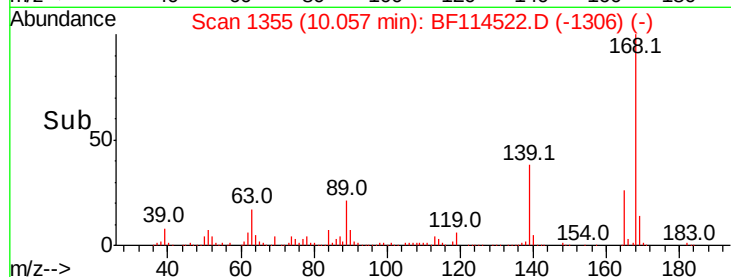
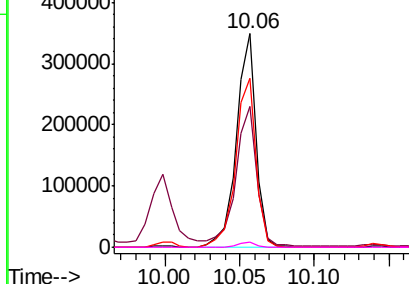
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

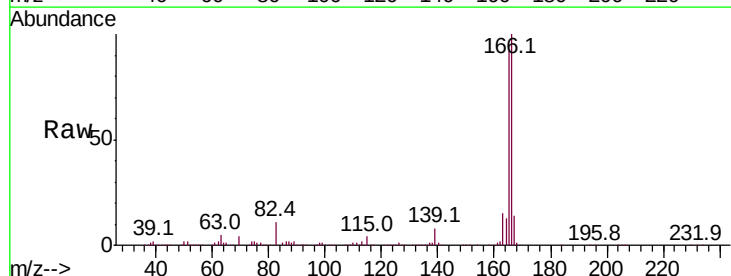
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 88.734 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	76.1	114.1
167	13.5	11.1	16.7

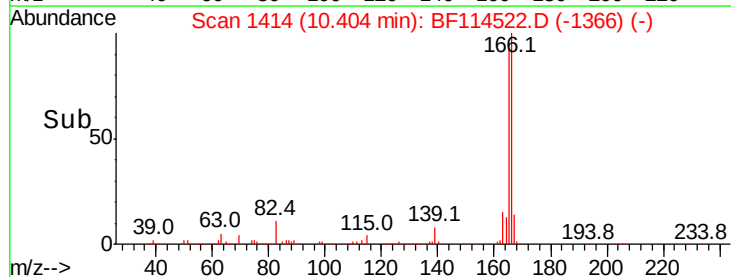
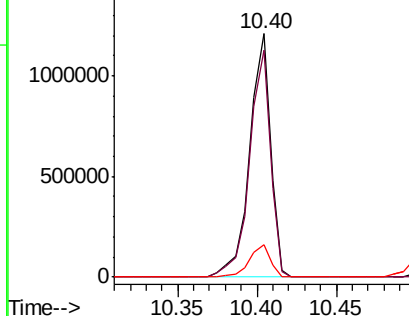


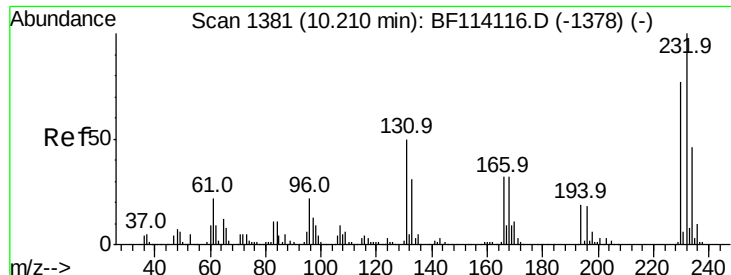
Abundance

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

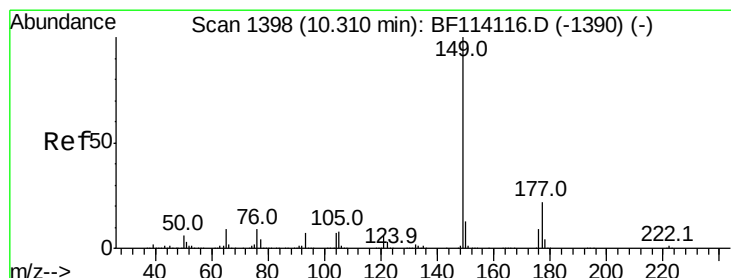
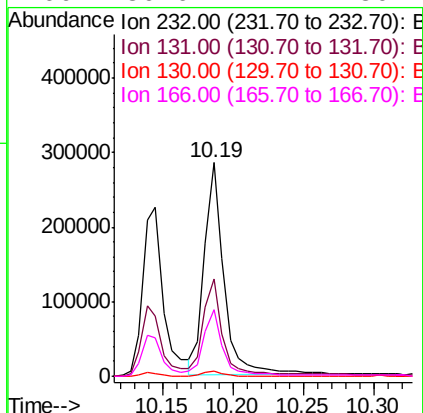
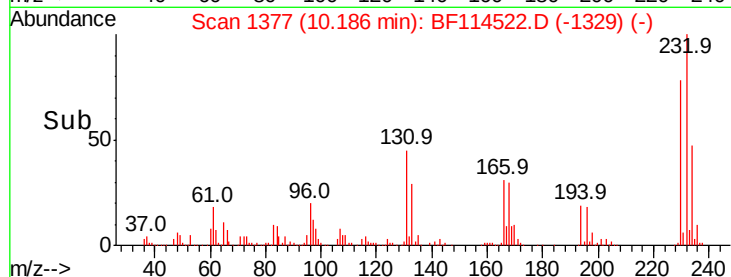
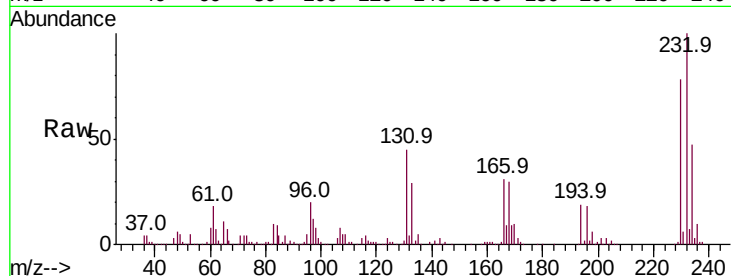




#59
2,3,4,6-Tetrachlorophenol
Concen: 82.447 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

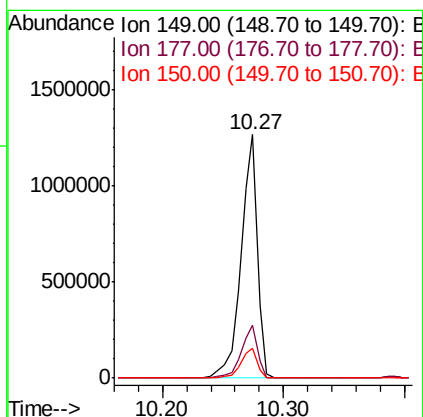
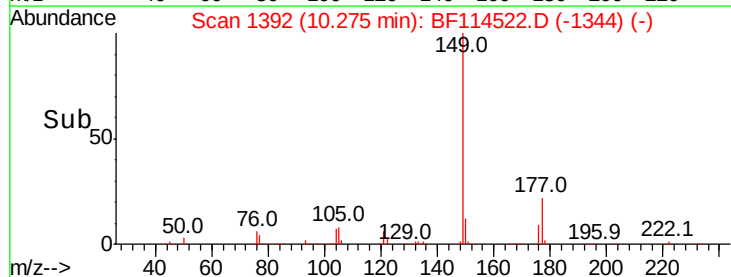
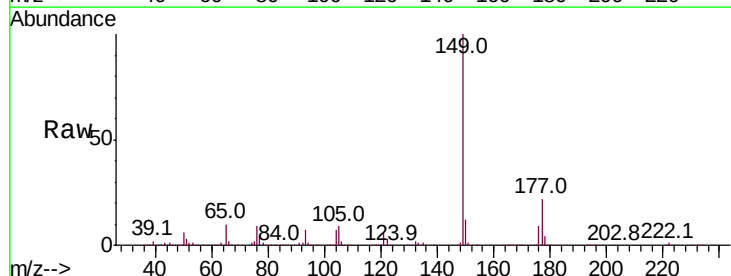
Instrument :
BNA_F
ClientSampleId :

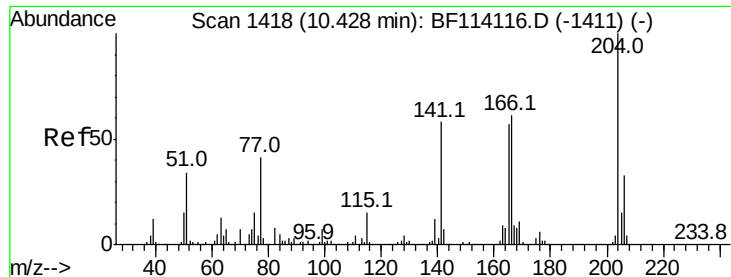
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.6	53.4
130	2.4	1.6	2.4#
166	30.6	24.1	36.1



#60
Diethylphthalate
Concen: 87.567 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.8	26.6
150	12.3	10.2	15.2

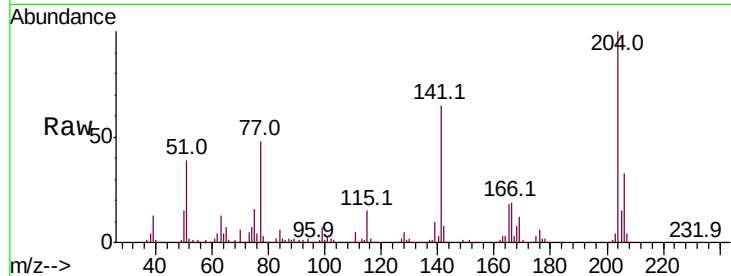




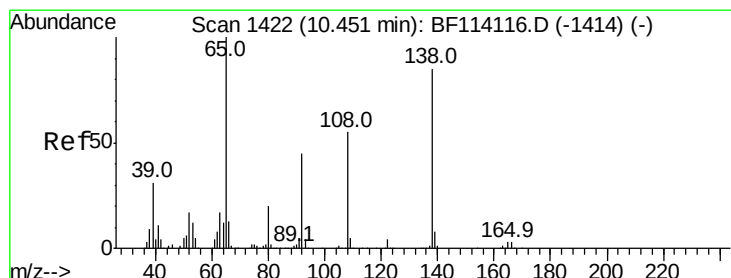
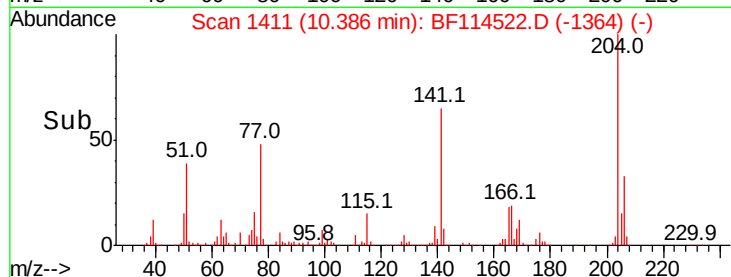
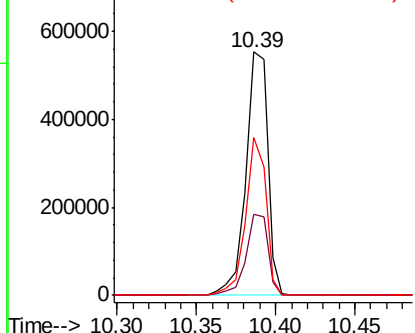
#61
4-Chlorophenyl-phenylether
Concen: 86.131 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 528765
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 64.7 46.4 69.6

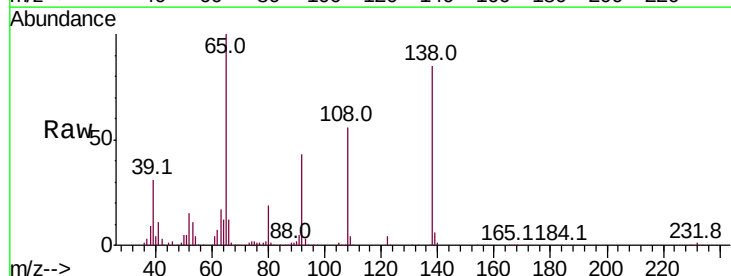


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

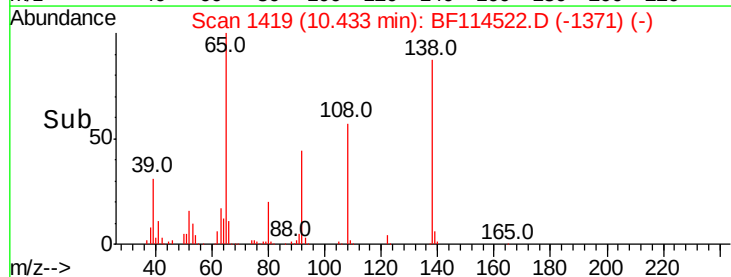
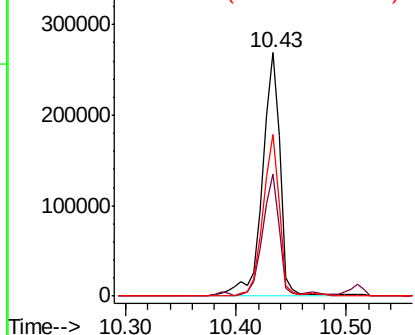


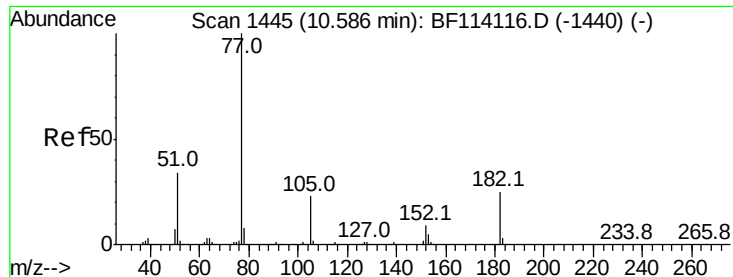
#62
4-Nitroaniline
Concen: 78.899 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:138 Resp: 304756
Ion Ratio Lower Upper
138 100
92 50.2 33.0 73.0
108 66.2 44.9 84.9



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: 85.531 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

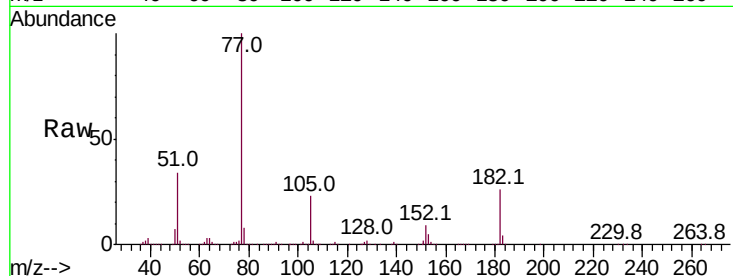
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1123045

Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.7	44.7
105	23.2	2.9	42.9
51	33.6	14.6	54.6

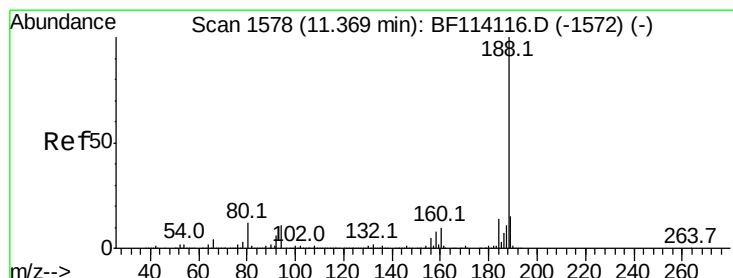
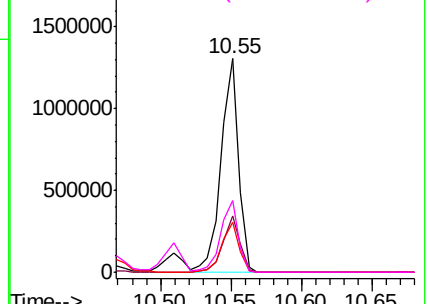
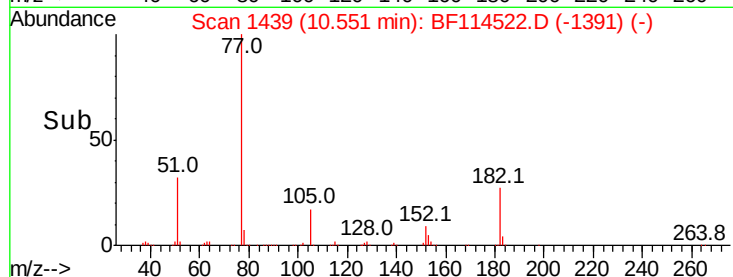


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

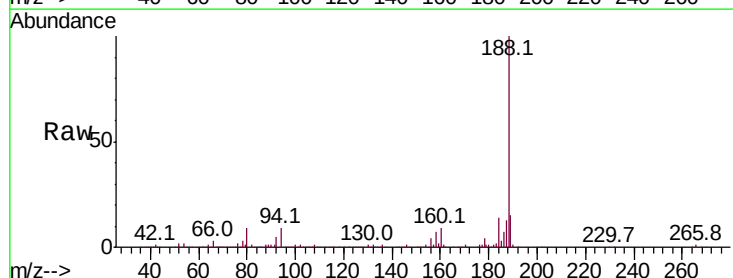
Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Tgt Ion: 188 Resp: 380816

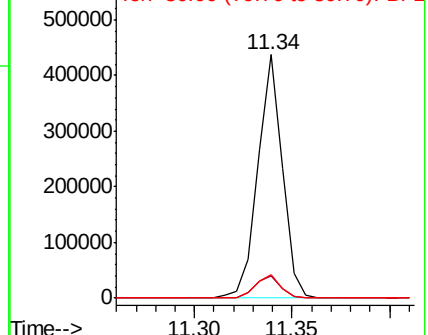
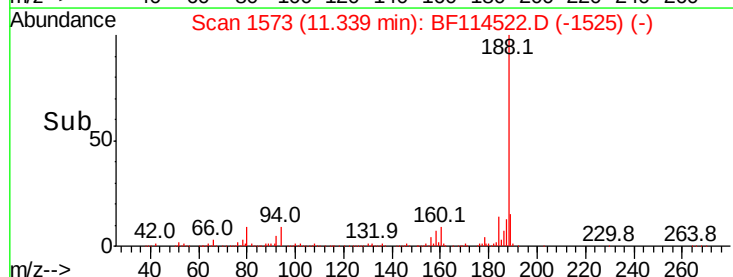
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.4	12.6
80	9.4	9.2	13.8

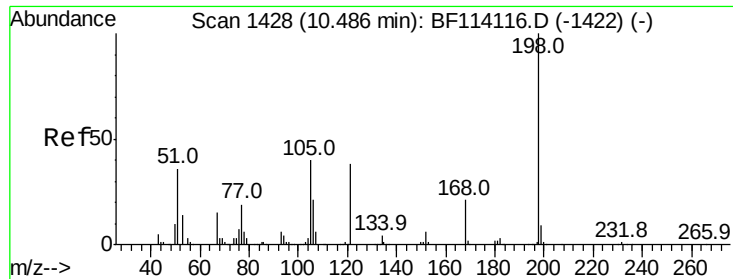


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

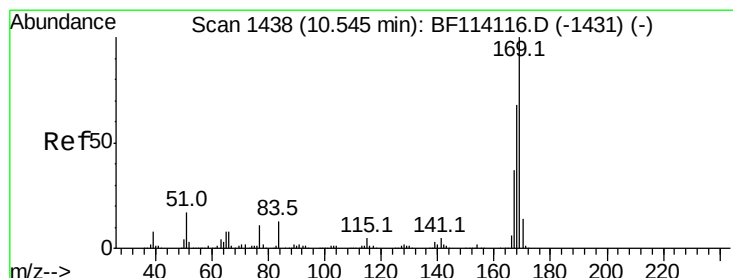
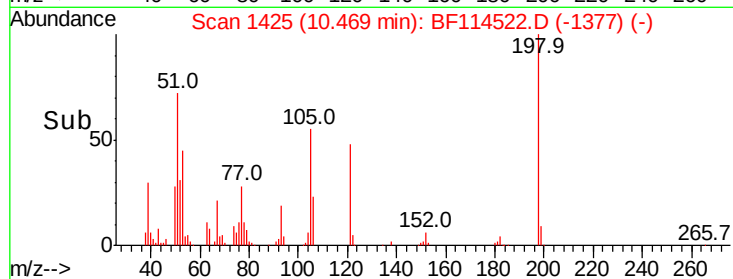
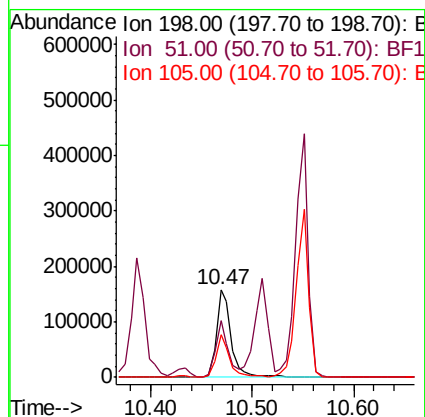
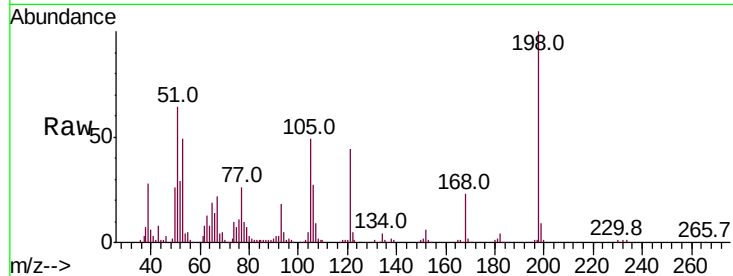




#65
4,6-Dinitro-2-methylphenol
Concen: 87.278 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

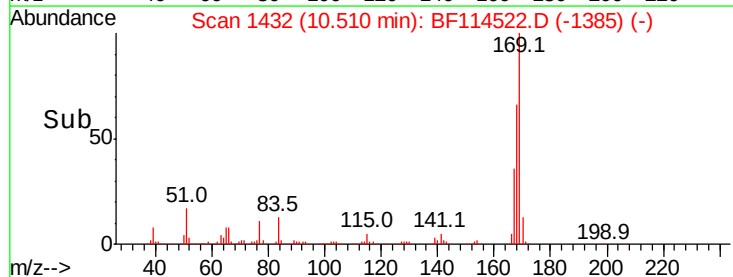
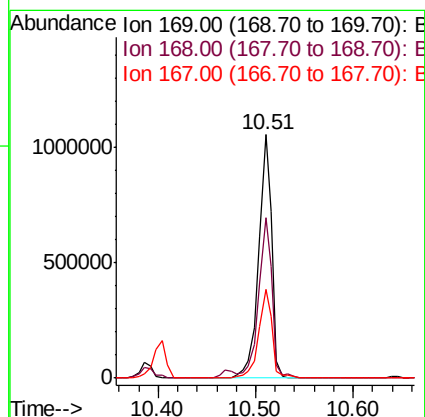
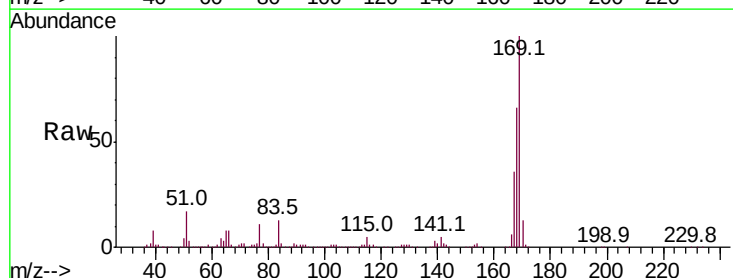
Instrument :
BNA_F
ClientSampled :

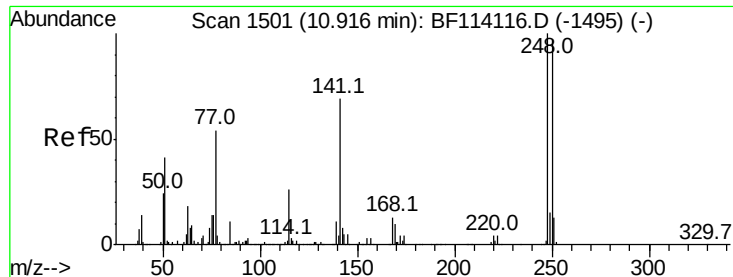
Tot Ion	Ratio	Lower	Upper
198	100		
51	64.4	28.0	68.0
105	49.5	21.1	61.1



#66
n-Nitrosodiphenylamine
Concen: 86.407 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.2	81.2
167	36.4	29.8	44.8

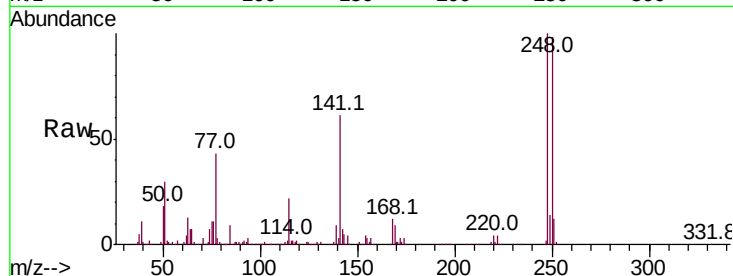




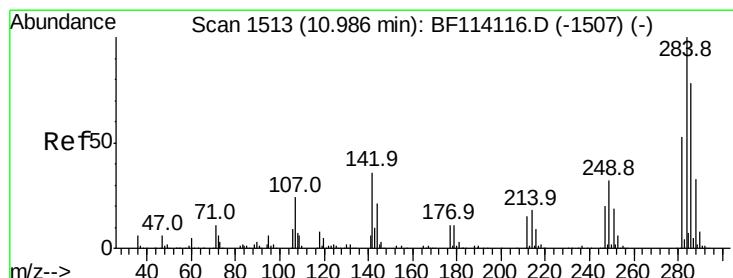
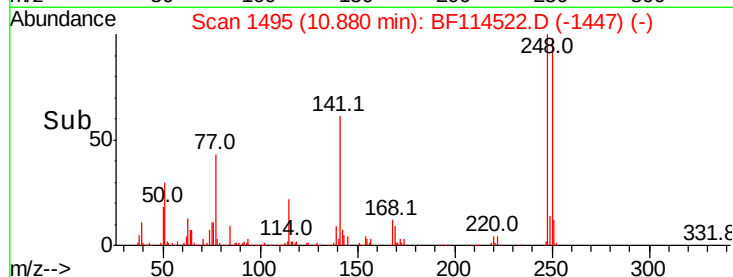
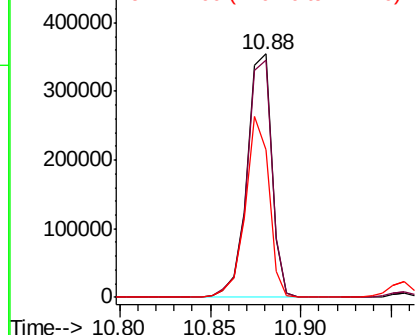
#67
4-Bromophenyl-phenylether
Concen: 80.321 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 336784
Ion Ratio Lower Upper
248 100
250 97.7 77.4 116.2
141 60.7 55.6 83.4

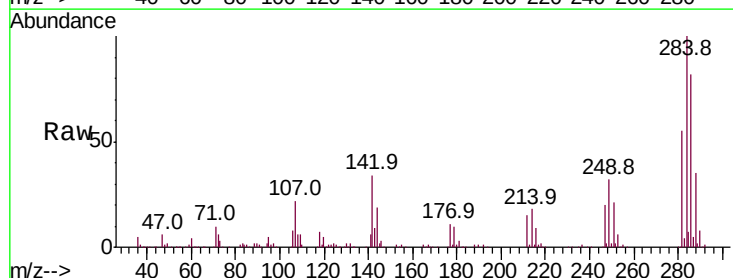


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

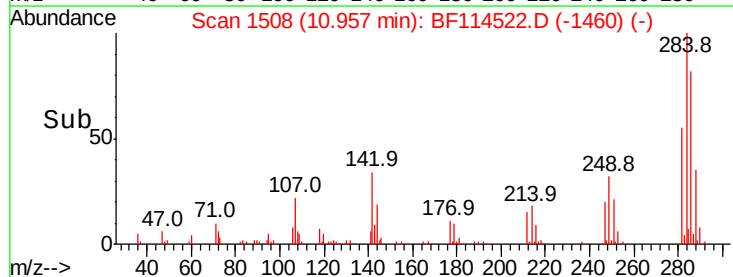
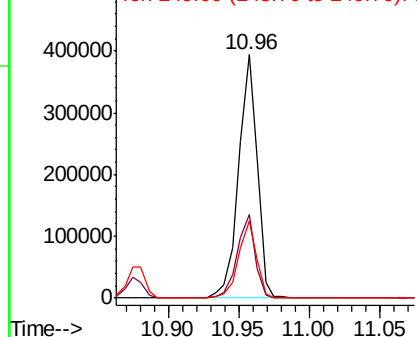


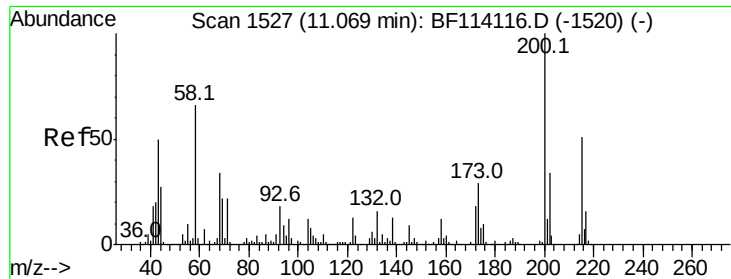
#68
Hexachlorobenzene
Concen: 77.906 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:284 Resp: 361369
Ion Ratio Lower Upper
284 100
142 34.3 28.4 42.6
249 31.8 25.2 37.8



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: 85.868 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

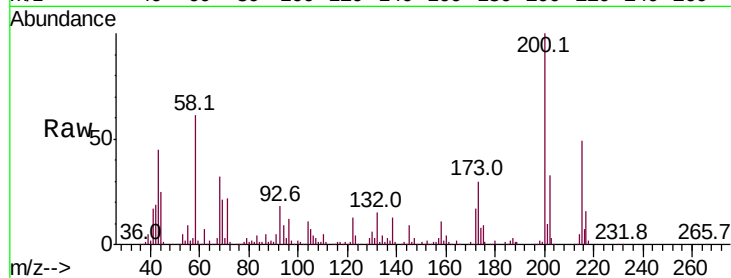
Tot Ion:200 Resp: 308847

Ion Ratio Lower Upper

200 100

173 29.6 8.9 48.9

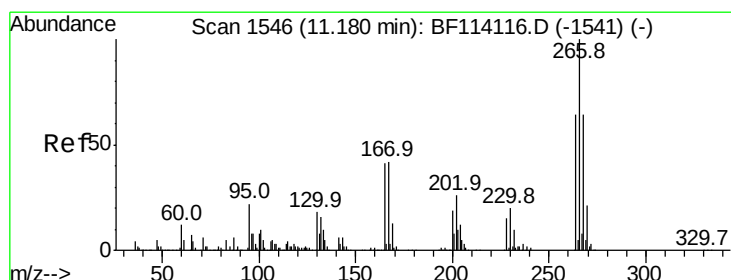
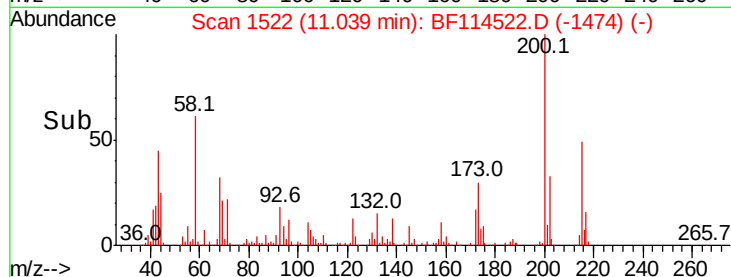
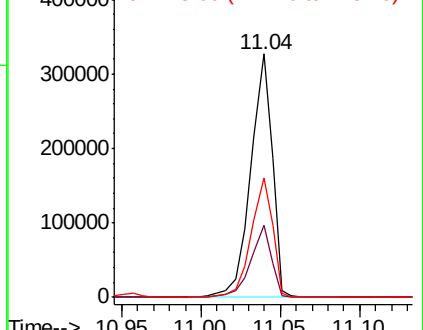
215 49.0 30.7 70.7



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: 134.501 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

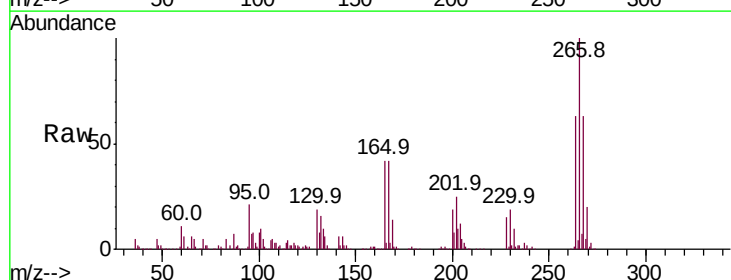
Tgt Ion:266 Resp: 295748

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

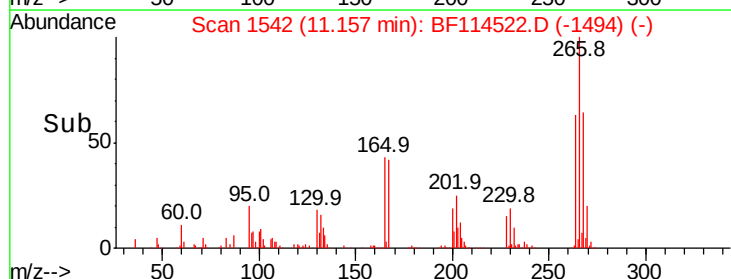
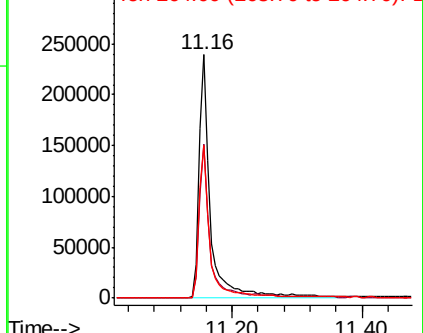
264 62.9 51.1 76.7

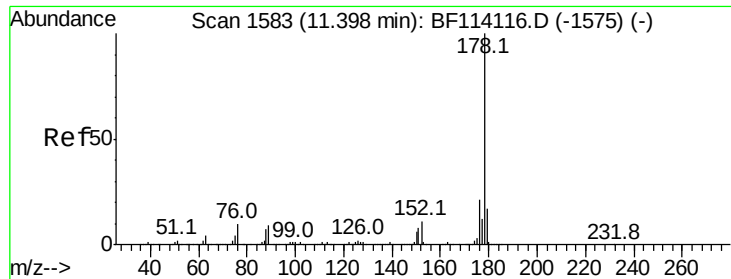


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

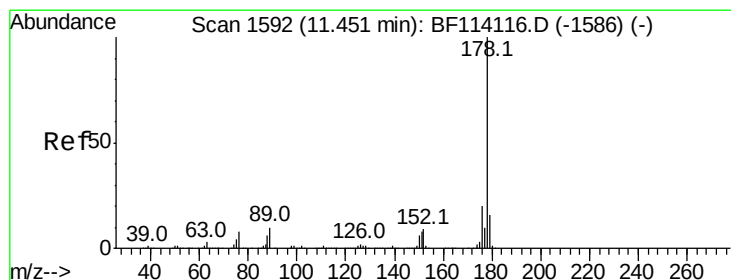
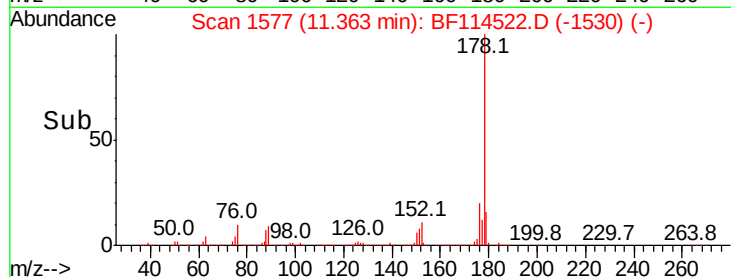
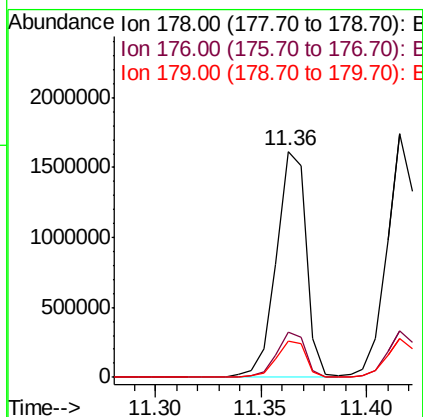
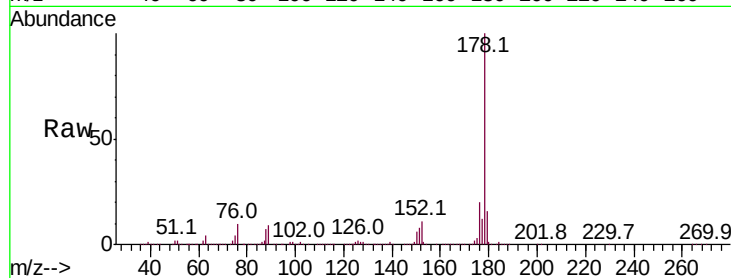




#71
Phenanthrene
Concen: 86.170 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

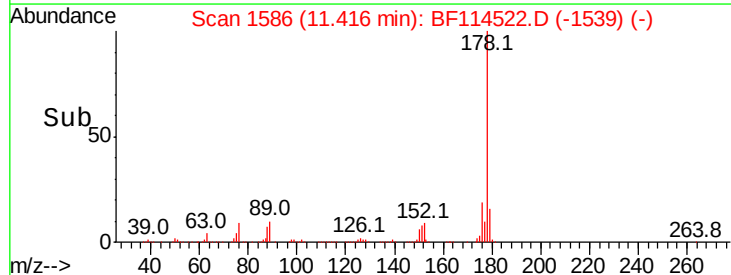
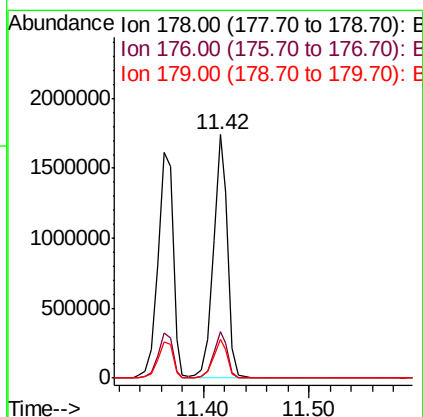
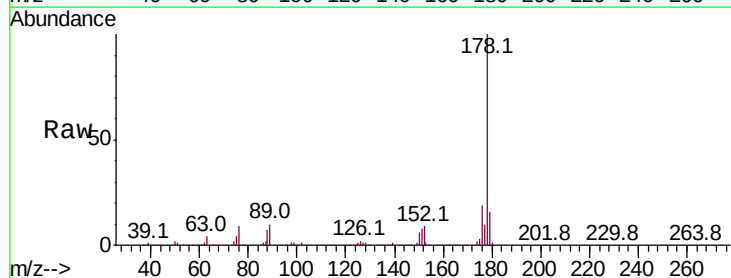
Instrument :
BNA_F
ClientSampleId :

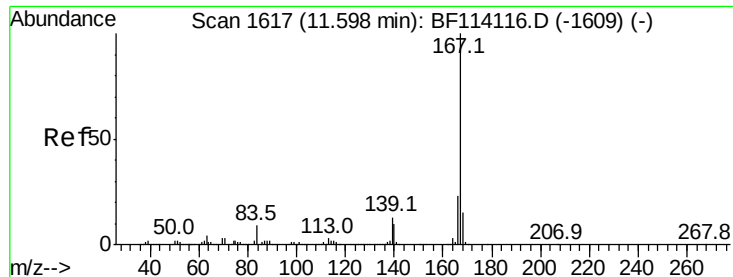
Tot Ion:178 Resp: 1596492
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.8 13.2 19.8



#72
Anthracene
Concen: 88.673 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:178 Resp: 1650109
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 16.1 13.0 19.4





#73

Carbazole

Concen: 86.763 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

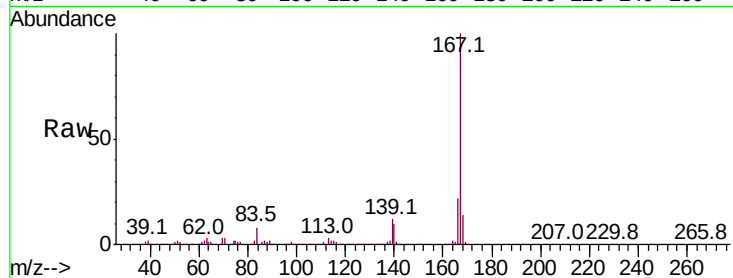
Tot Ion:167 Resp: 1539642

Ion Ratio Lower Upper

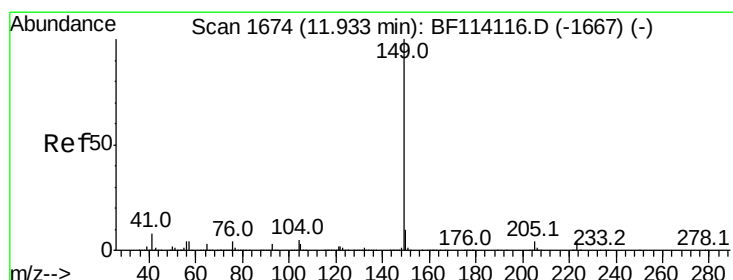
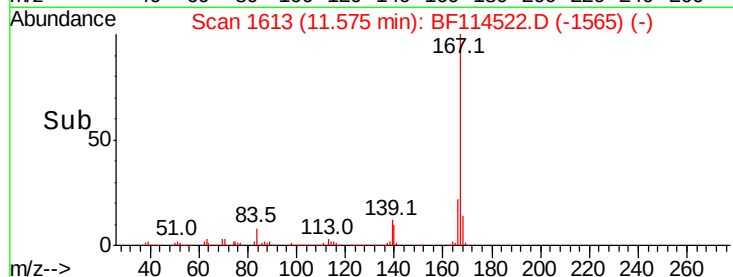
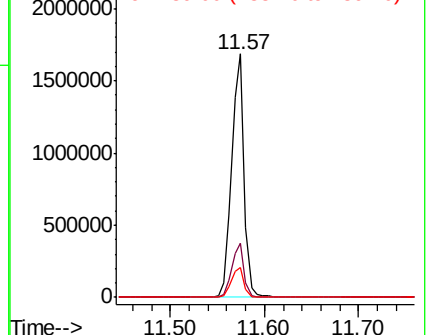
167 100

166 22.0 18.2 27.2

139 12.5 10.6 16.0



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: 91.841 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

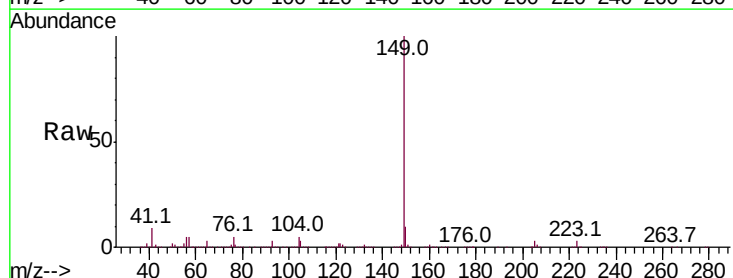
Tgt Ion:149 Resp: 1877611

Ion Ratio Lower Upper

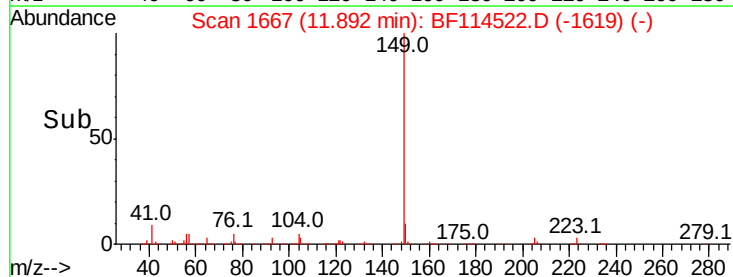
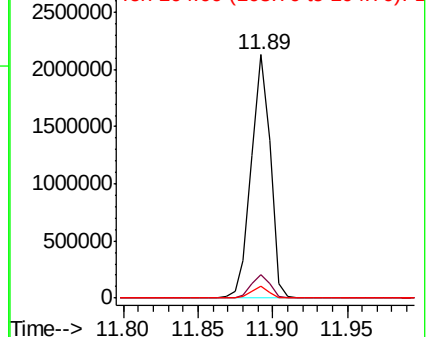
149 100

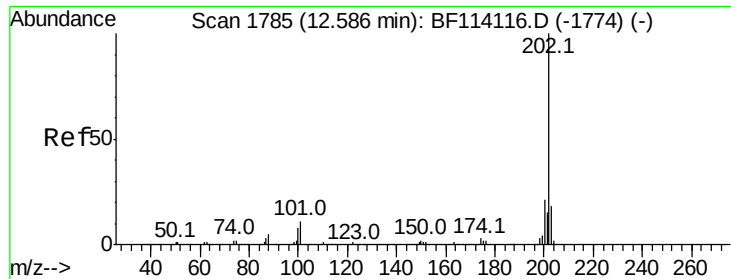
150 9.8 7.7 11.5

104 4.8 3.6 5.4



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: 86.425 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

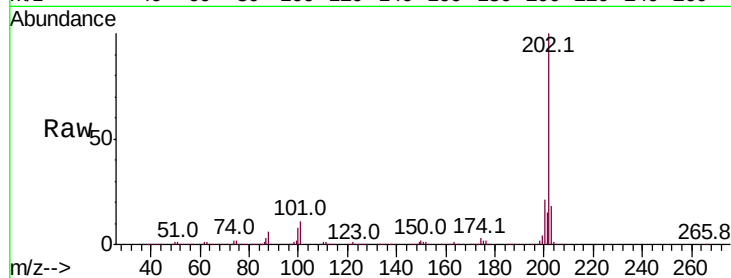
Tot Ion:202 Resp: 1724303

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

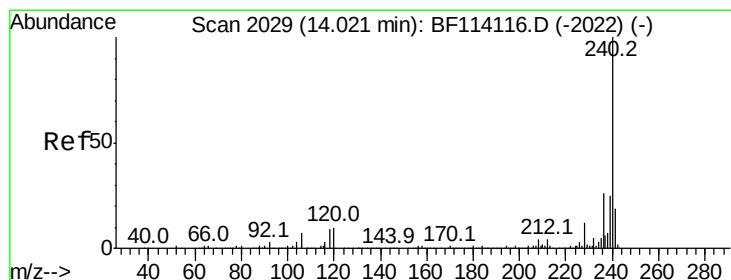
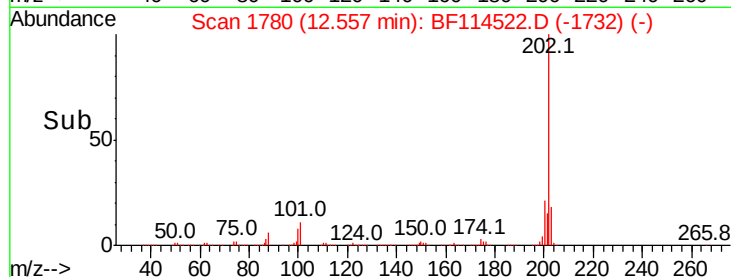
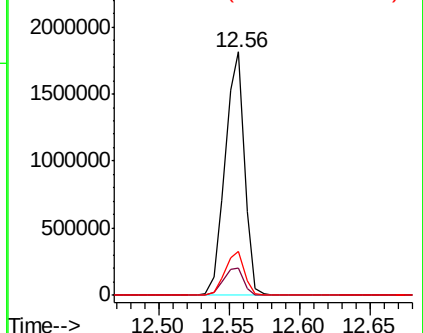
203 18.0 0.0 38.4



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: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

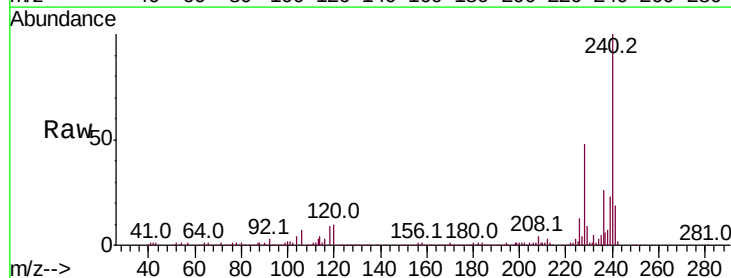
Tgt Ion:240 Resp: 263332

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

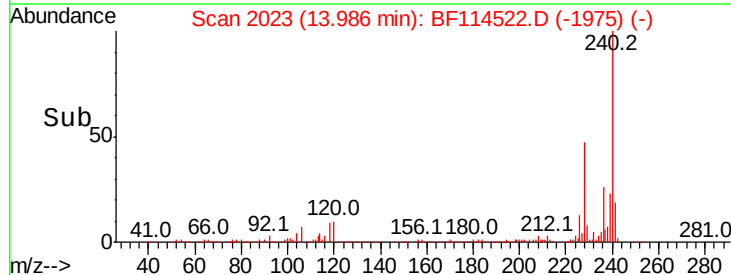
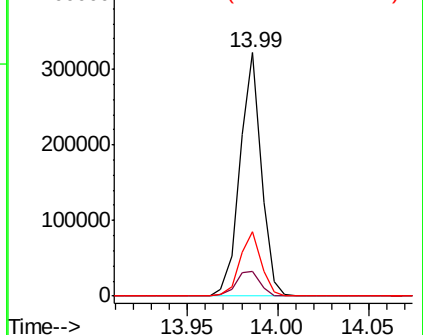
236 26.2 20.8 31.2

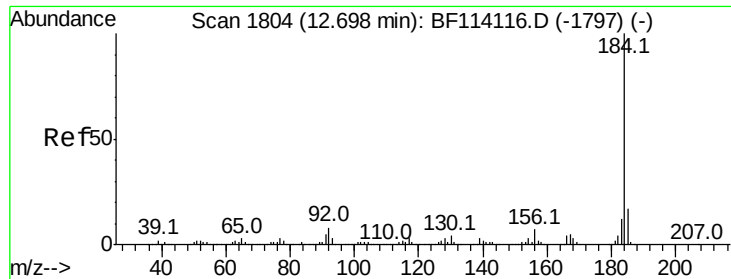


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

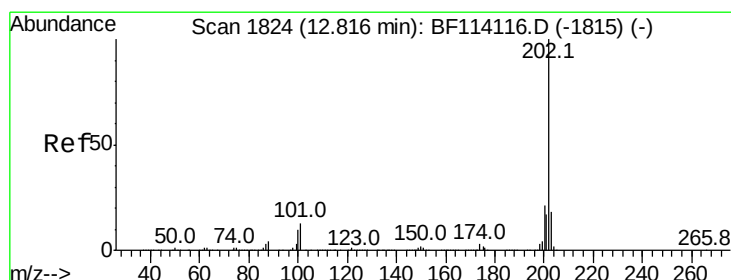
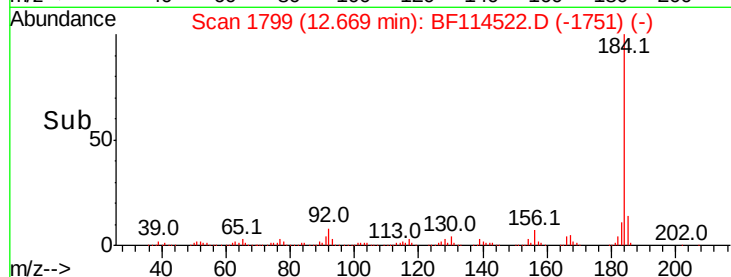
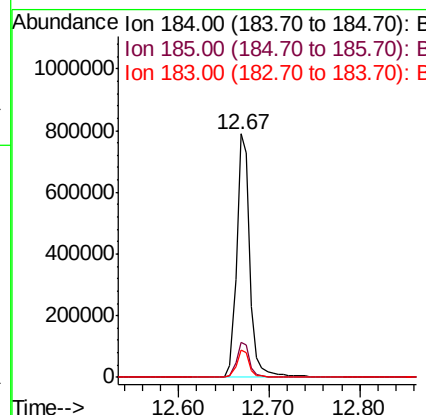
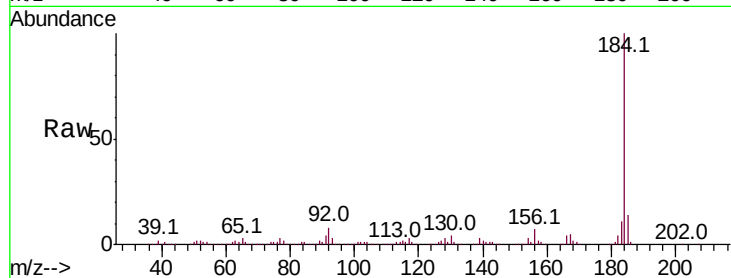




#77
Benzidine
Concen: 68.451 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

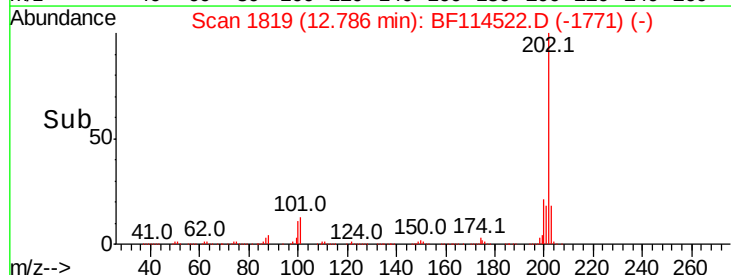
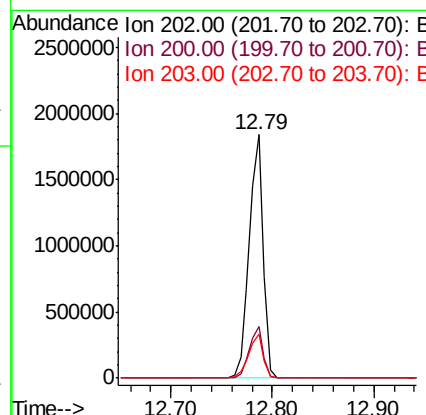
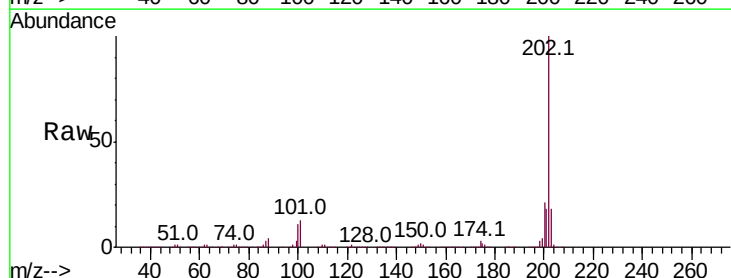
Instrument :
BNA_F
ClientSampleId :

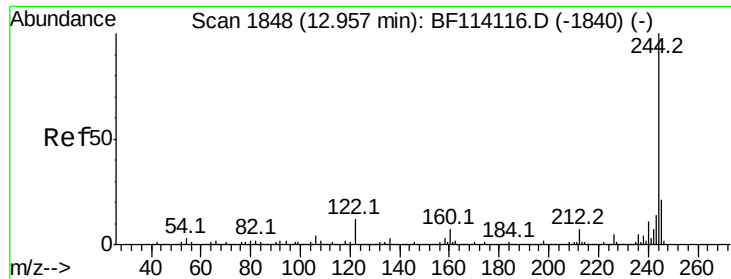
Tot Ion:184 Resp: 809126
Ion Ratio Lower Upper
184 100
185 14.4 13.6 20.4
183 11.0 9.2 13.8



#78
Pyrene
Concen: 83.397 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:202 Resp: 1766671
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.2 14.5 21.7





#79

Terphenyl-d14

Concen: 69.401 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

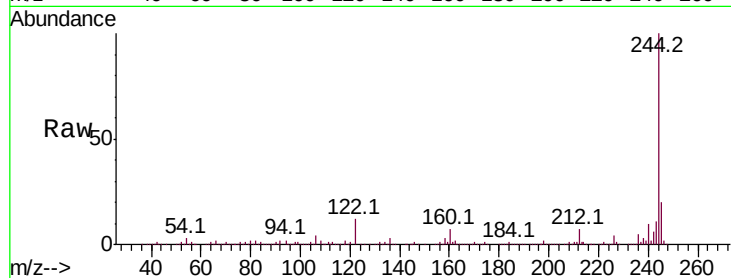
Tot Ion:244 Resp: 886545

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

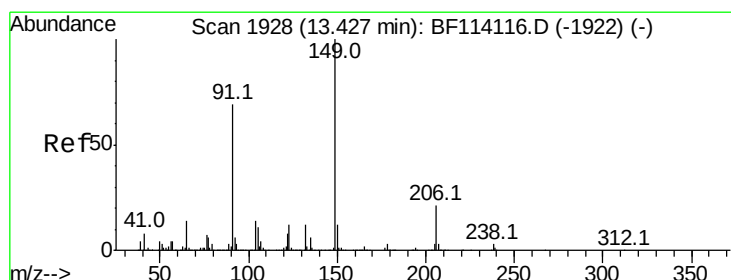
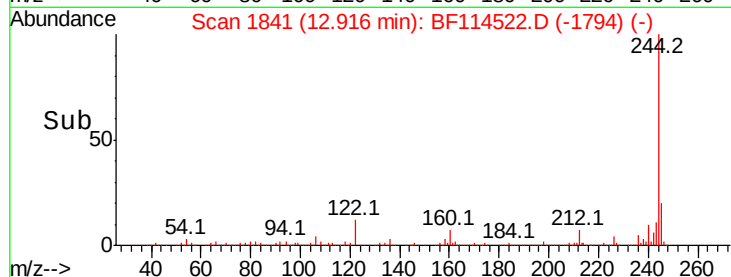
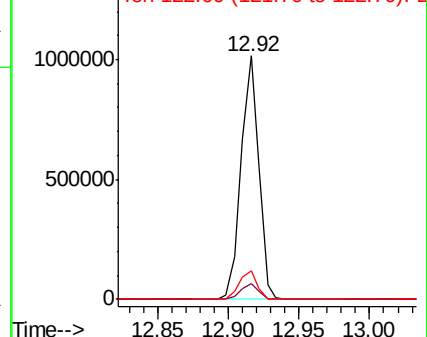
122 11.8 9.4 14.2



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: 92.596 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

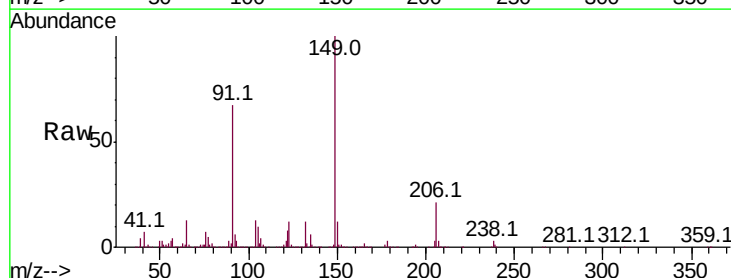
Tgt Ion:149 Resp: 825627

Ion Ratio Lower Upper

149 100

91 67.1 55.0 82.4

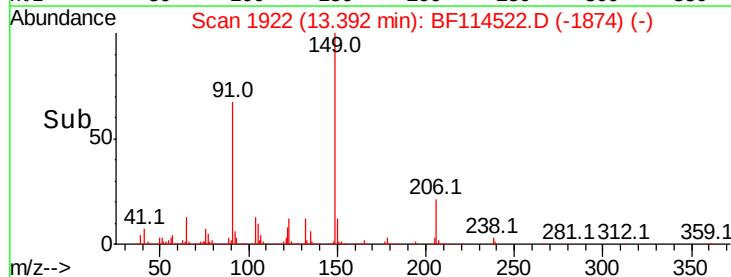
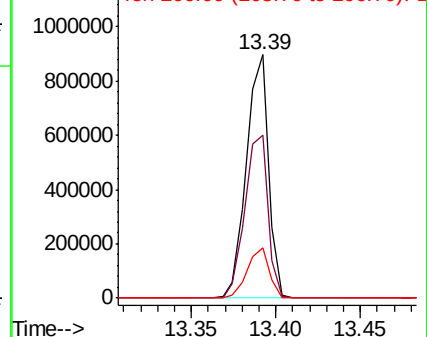
206 20.9 16.9 25.3

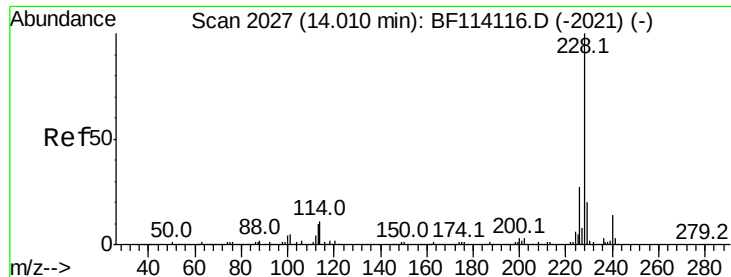


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

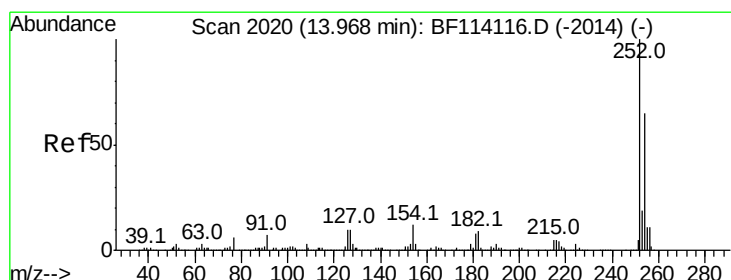
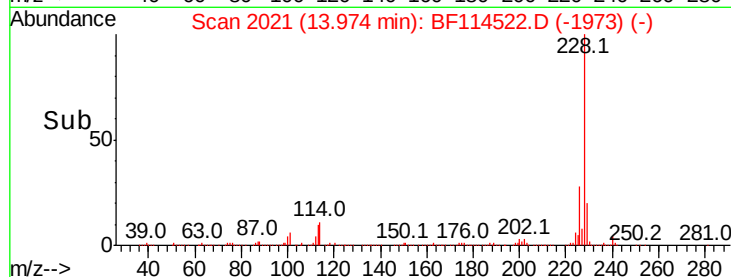
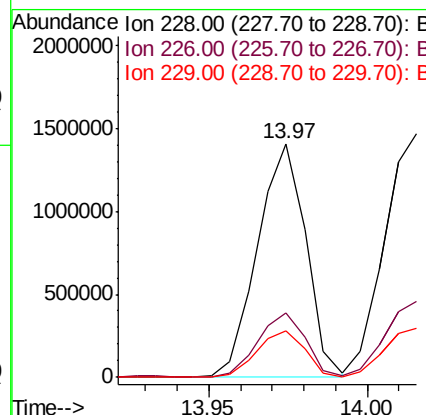
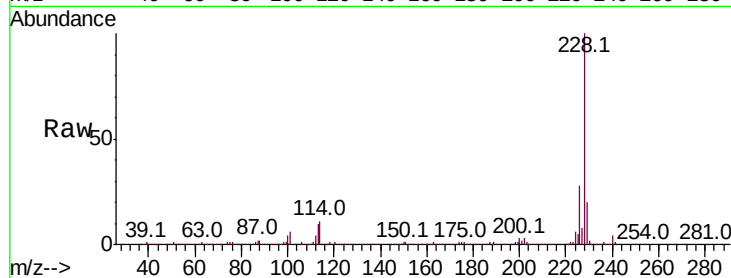




#81
Benzo(a)anthracene
Concen: 87.082 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

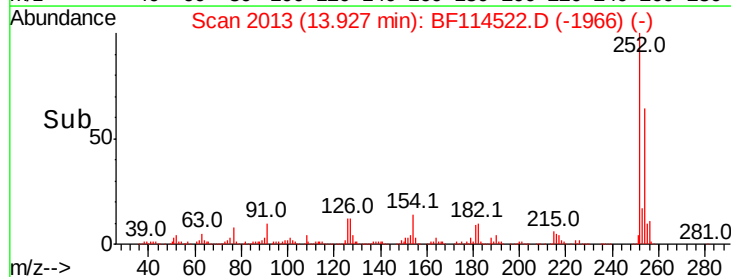
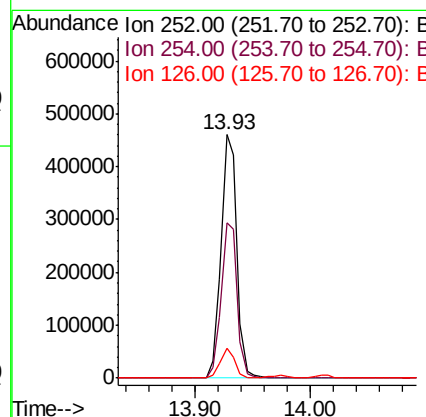
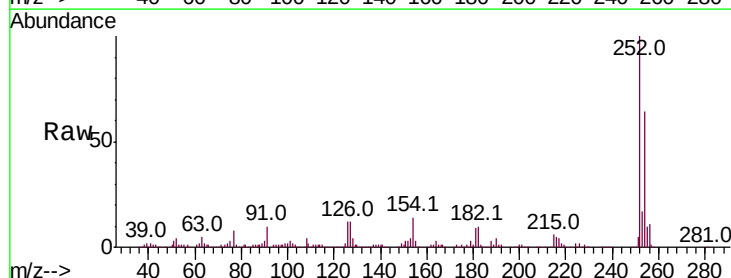
Instrument :
BNA_F
ClientSampleId :

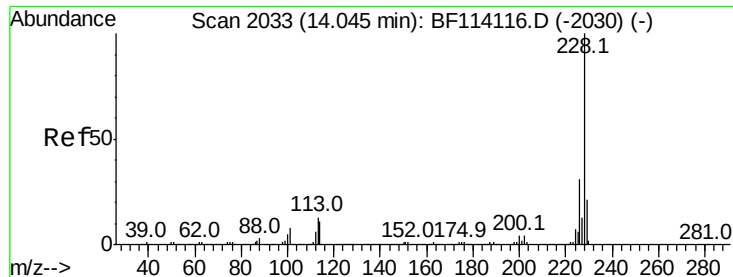
Tot Ion:228 Resp: 1483199
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 20.0 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 66.043 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:252 Resp: 436363
Ion Ratio Lower Upper
252 100
254 64.0 51.9 77.9
126 12.4 7.9 11.9#





#83

Chrysene

Concen: 85.699 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

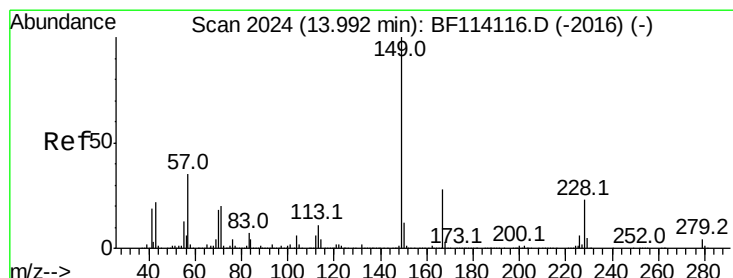
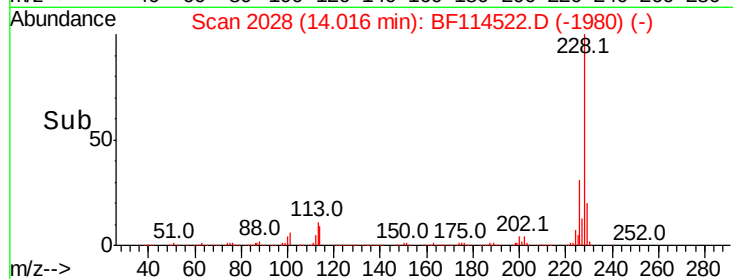
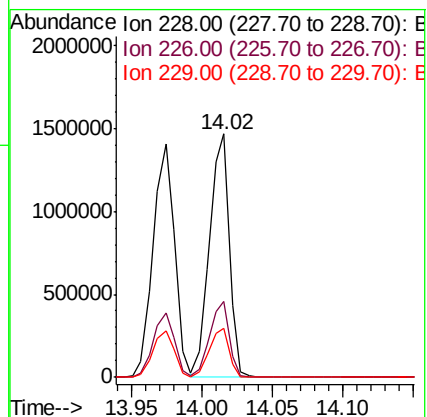
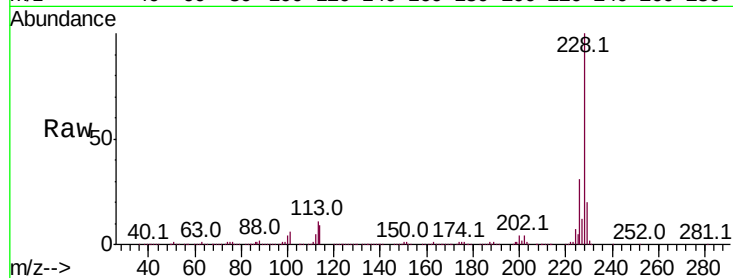
Tot Ion:228 Resp: 1430866

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.0	17.0	25.6

228 100

226 31.2 25.0 37.6

229 20.0 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 97.255 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

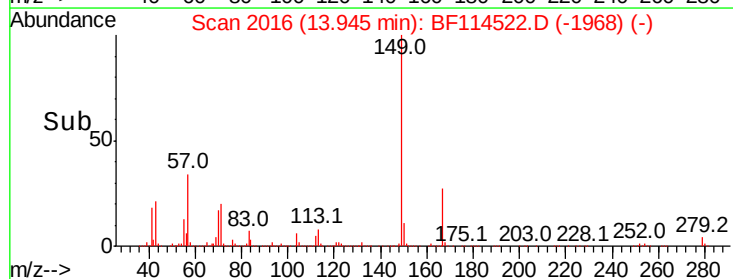
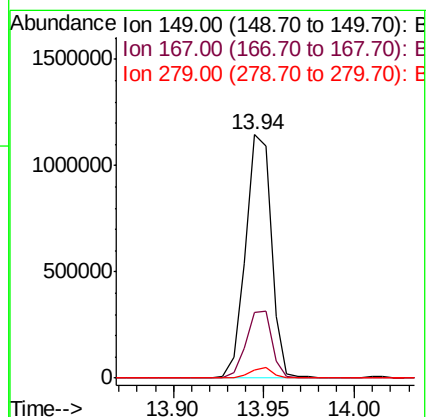
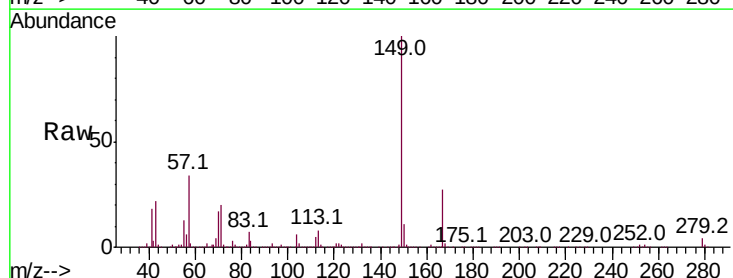
Tgt Ion:149 Resp: 1134142

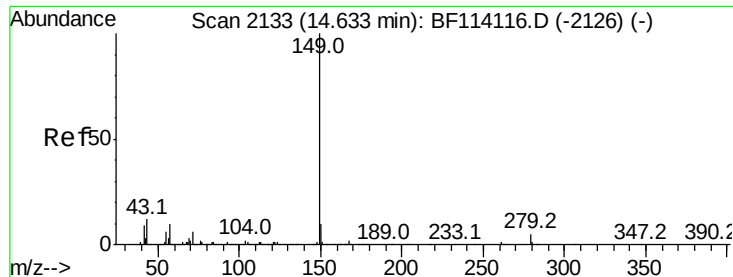
Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.6	33.8
279	3.6	3.0	4.6

149 100

167 27.1 22.6 33.8

279 3.6 3.0 4.6

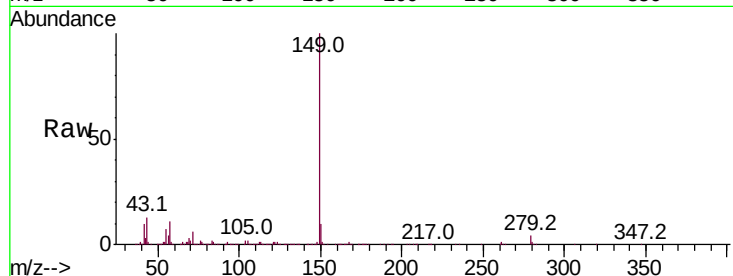




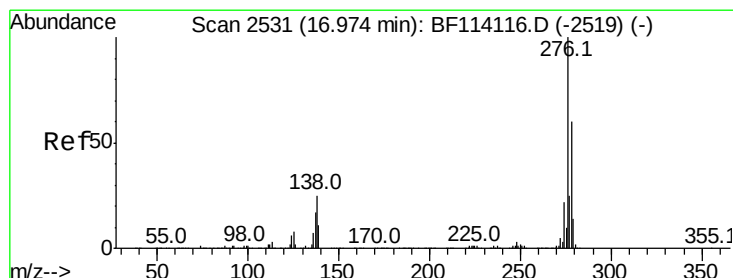
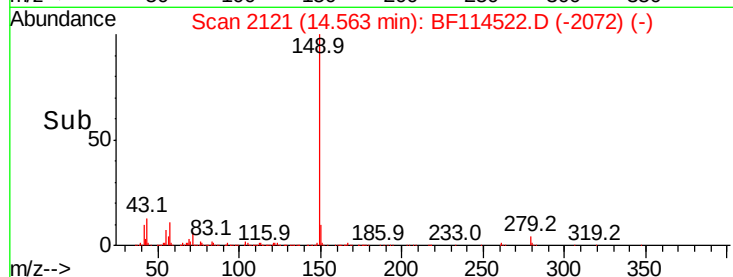
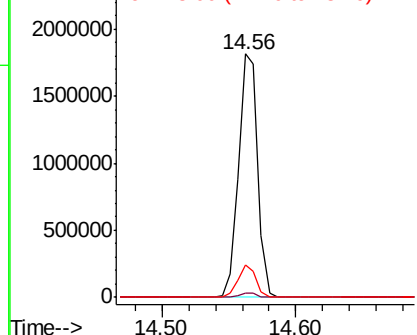
#85
Di-n-octyl phthalate
Concen: 95.968 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1814196
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 10.1 15.1

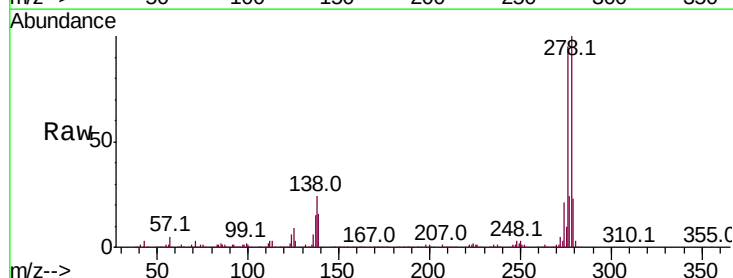


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

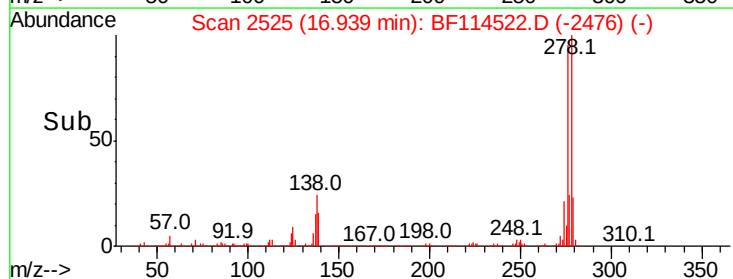
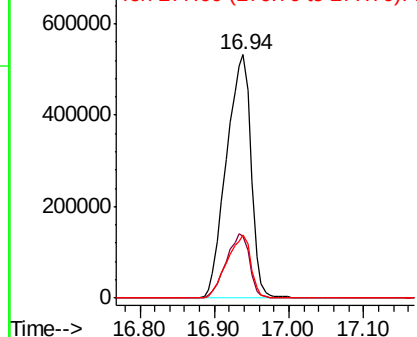


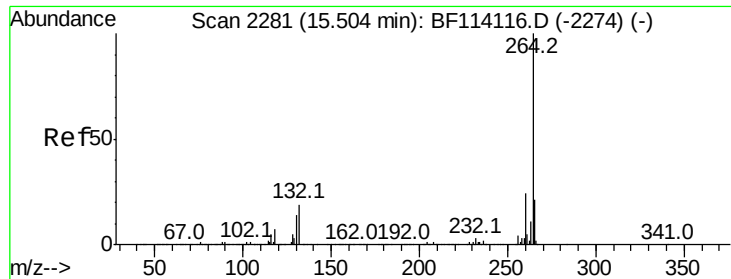
#86
Indeno(1,2,3-cd)pyrene
Concen: 83.000 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:276 Resp: 1224737
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.2
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampled :

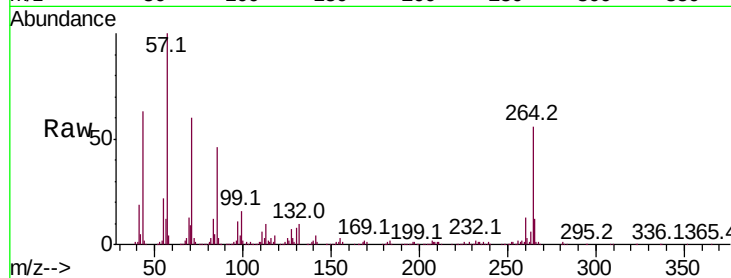
Tot Ion:264 Resp: 218410

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

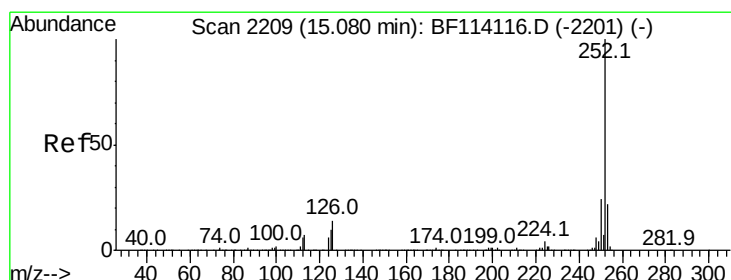
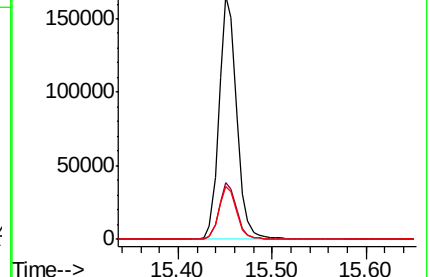
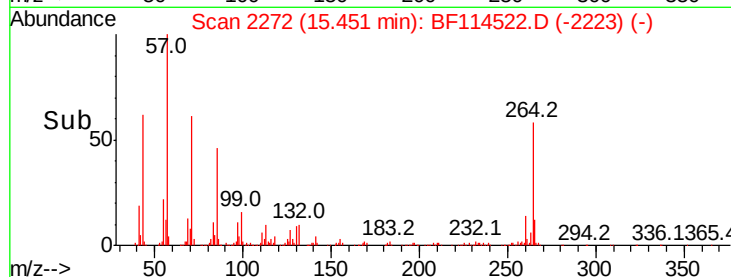
265 21.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 105.672 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

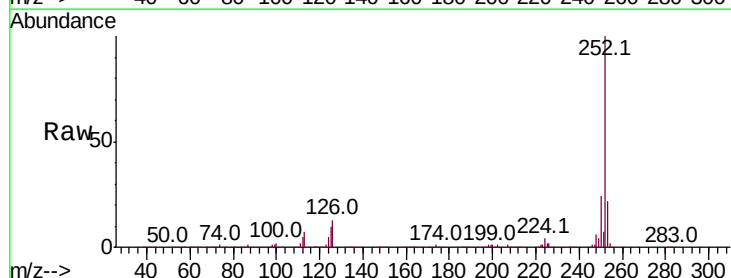
Tgt Ion:252 Resp: 1478621

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

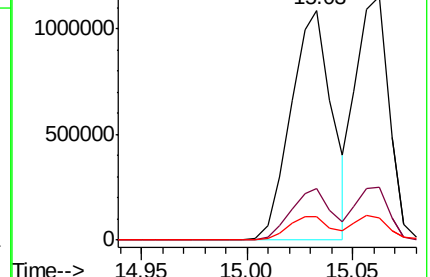
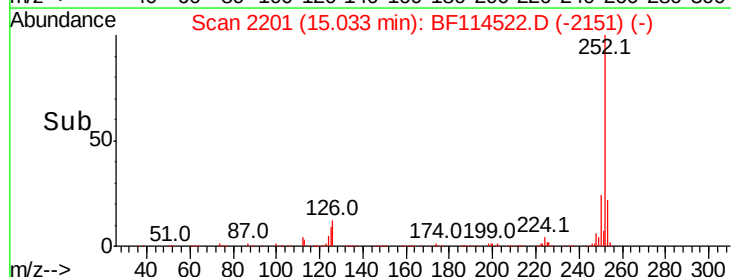
125 10.0 8.3 12.5

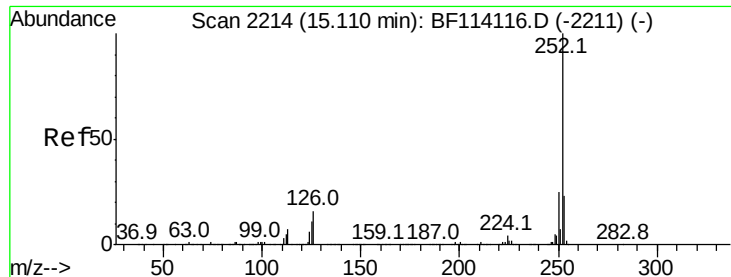


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

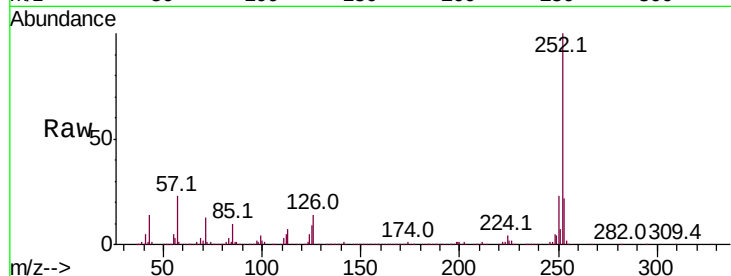




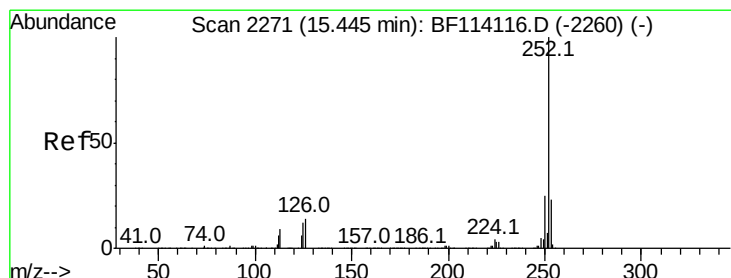
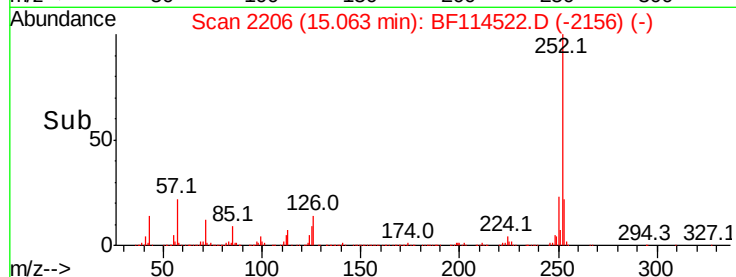
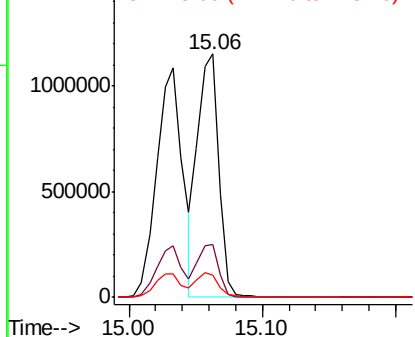
#89
Benzo(k)fluoranthene
Concen: 97.713 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1255964
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 9.3 8.6 13.0

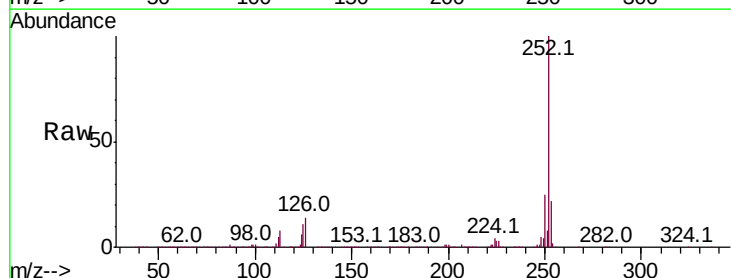


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

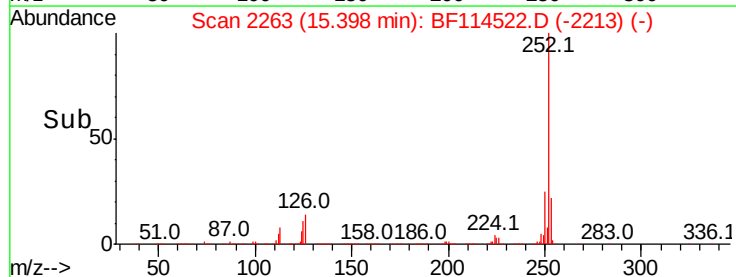
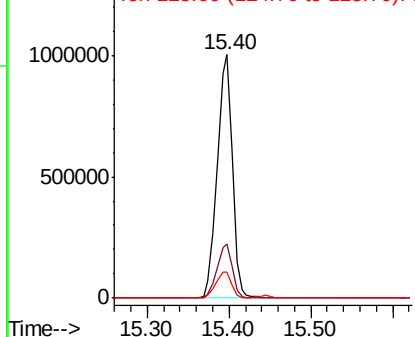


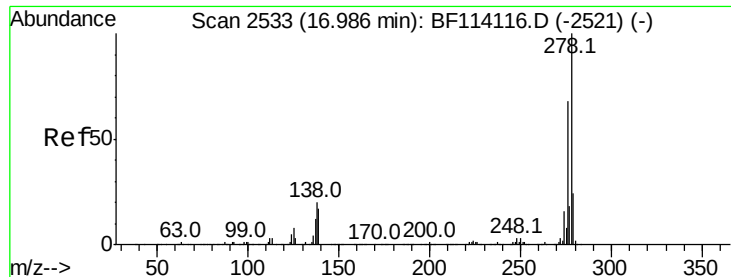
#90
Benzo(a)pyrene
Concen: 105.998 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF114522.D
Acq: 23 May 2019 13:26

Tgt Ion:252 Resp: 1305330
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.8 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 100.794 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

Instrument :

BNA_F

ClientSampleId :

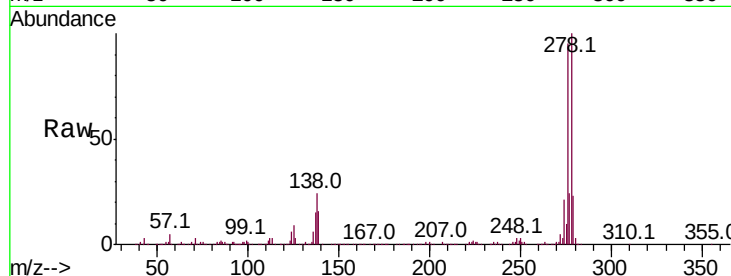
Tot Ion:278 Resp: 1031413

Ion Ratio Lower Upper

278 100

139 15.8 13.5 20.3

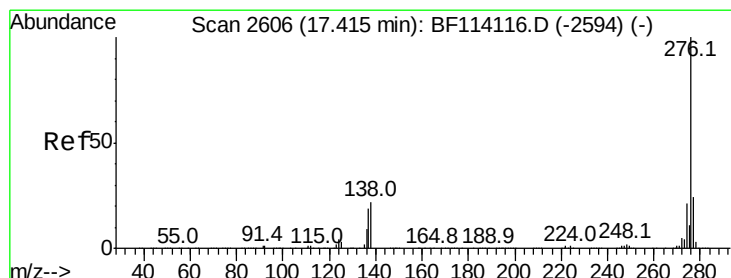
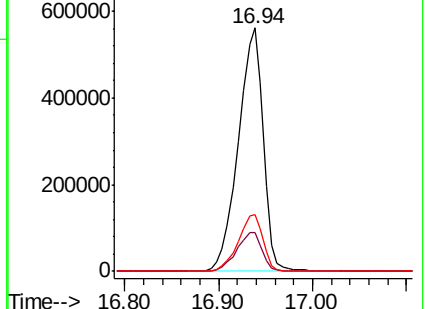
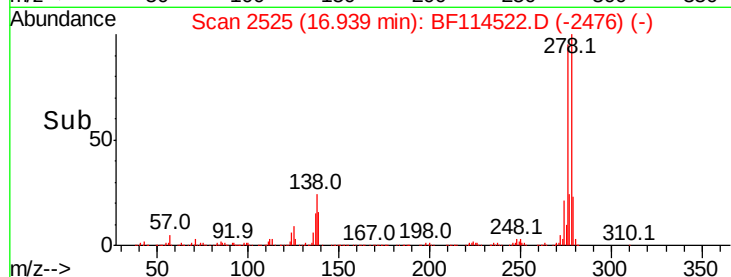
279 23.1 19.0 28.6



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: 101.485 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BF114522.D

Acq: 23 May 2019 13:26

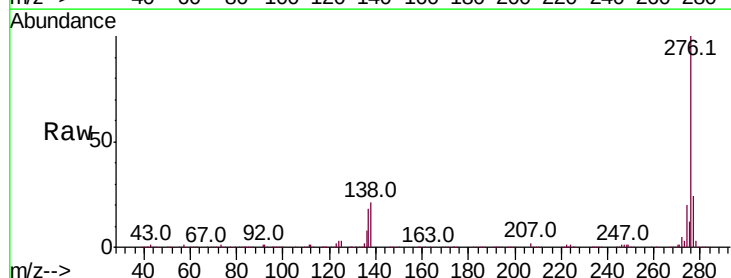
Tgt Ion:276 Resp: 1040714

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 21.3 17.8 26.6



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

