

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114814.D
 Acq On : 5 Jun 2019 12:12
 Operator : HP/JU
 Sample : K2641-14MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 04:56:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	526199	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	2053852	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	1054220	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	2078490	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1253700	20.00	ng	0.00
87) Perylene-d12	15.17	264	1589501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2980359	98.97	ng	0.02
7) Phenol-d6	6.31	99	3322401	90.67	ng	0.00
23) Nitrobenzene-d5	7.23	82	2460398	73.74	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	1206297	106.18	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4553706	80.92	ng	0.00
79) Terphenyl-d14	12.75	244	4791834	74.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	462762	32.186	ng	99
3) Pyridine	3.15	79	1059070	26.802	ng	98
4) n-Nitrosodimethylamine	3.03	42	507644	35.103	ng	95
6) Aniline	6.33	93	495319	9.526	ng	# 67
8) 2-Chlorophenol	6.45	128	1250513	35.941	ng	98
9) Benzaldehyde	6.20	77	344218	13.543	ng	98
10) Phenol	6.32	94	1267208	30.241	ng	80
11) bis(2-Chloroethyl)ether	6.40	93	1209611	36.988	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1294110	31.919	ng	99
13) 1,4-Dichlorobenzene	6.68	146	1320964	32.380	ng	99
14) 1,2-Dichlorobenzene	6.83	146	1223780	33.215	ng	99
15) Benzyl Alcohol	6.81	79	993321	35.847	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1670881	35.724	ng	100
17) 2-Methylphenol	6.93	107	1039530	34.953	ng	99
18) Hexachloroethane	7.18	117	471815	30.727	ng	97
19) n-Nitroso-di-n-propylamine	7.09	70	846758	34.909	ng	98
20) 3+4-Methylphenols	7.08	107	1179600	35.960	ng	93
22) Acetophenone	7.07	105	1734621	38.361	ng	# 98
24) Nitrobenzene	7.25	77	1304775	37.749	ng	100
25) Isophorone	7.49	82	2437020	36.947	ng	100
26) 2-Nitrophenol	7.56	139	717346	38.319	ng	94
27) 2,4-Dimethylphenol	7.61	122	1155976	40.627	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1576133	37.381	ng	99
29) 2,4-Dichlorophenol	7.80	162	1142539	38.167	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	1208452	35.182	ng	99
31) Naphthalene	7.97	128	3573549	38.648	ng	100
32) Benzoic acid	7.71	122	419813	20.258	ng	97
33) 4-Chloroaniline	8.02	127	212894	4.826	ng	97
34) Hexachlorobutadiene	8.10	225	650379	33.305	ng	99
35) Caprolactam	8.39	113	170097	17.394	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	1177819	39.540	ng	100
37) 2-Methylnaphthalene	8.66	142	2559583	39.909	ng	98
38) 1-Methylnaphthalene	8.76	142	2415985	39.722	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1081903	35.611	ng	99

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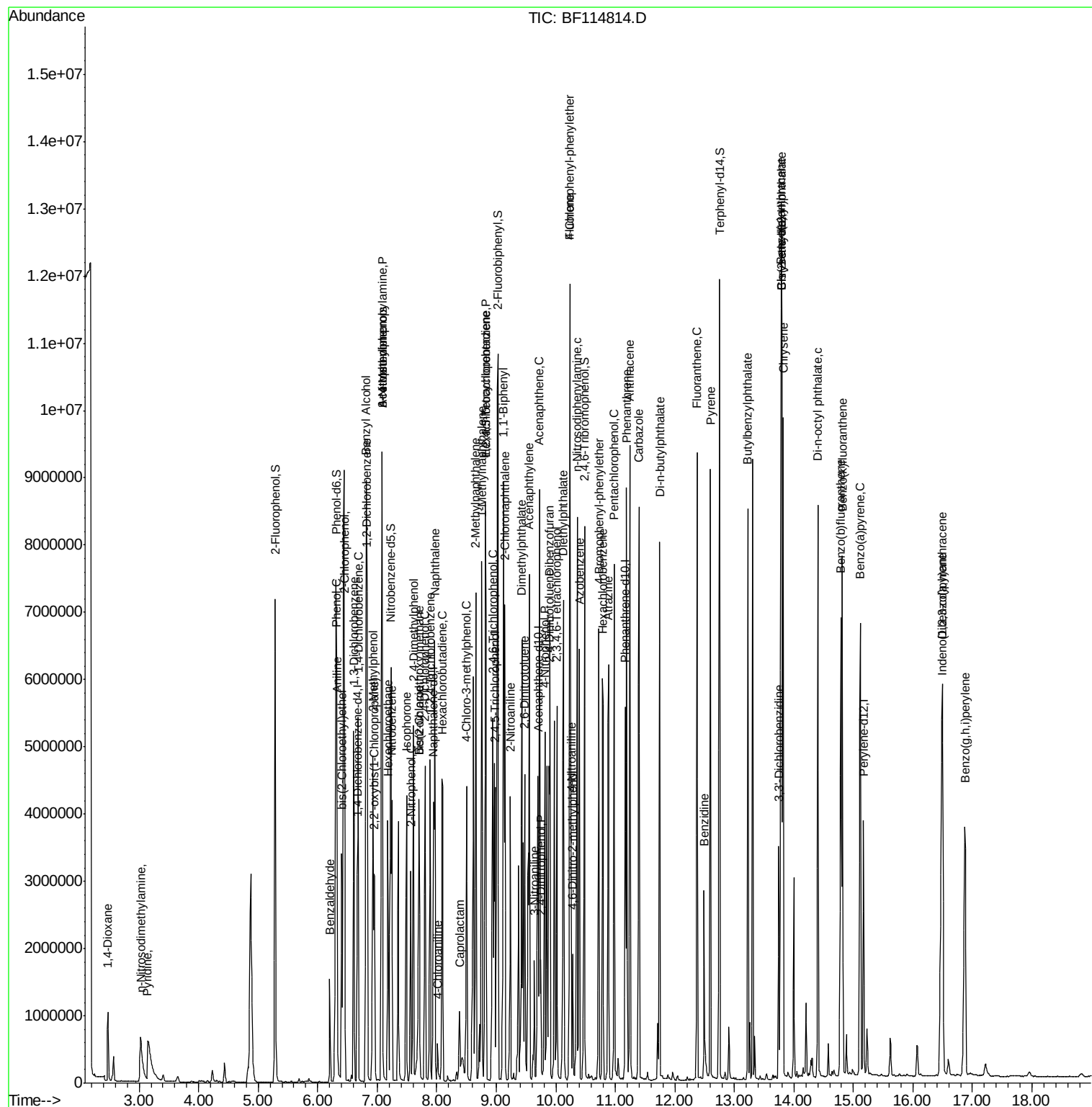
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1081297	58.684	ng	100
43) 2,4,6-Trichlorophenol	8.94	196	907855	38.429	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	835258	35.107	ng	98
46) 1,1'-Biphenyl	9.12	154	2976105	38.090	ng	99
47) 2-Chloronaphthalene	9.15	162	2390000	35.998	ng	99
48) 2-Nitroaniline	9.24	65	729354	36.812	ng	97
49) Acenaphthylene	9.56	152	3646195	37.871	ng	99
50) Dimethylphthalate	9.43	163	2869632	37.270	ng	99
51) 2,6-Dinitrotoluene	9.48	165	695777	38.424	ng	91
52) Acenaphthene	9.73	154	2310777	36.639	ng	100
53) 3-Nitroaniline	9.64	138	311410	14.721	ng	93
54) 2,4-Dinitrophenol	9.75	184	268262	32.739	ng	95
55) Dibenzofuran	9.90	168	3243273	36.981	ng	97
56) 4-Nitrophenol	9.82	139	1063306	68.599	ng	96
57) 2,4-Dinitrotoluene	9.89	165	921682	40.489	ng	97
58) Fluorene	10.25	166	2325629	40.443	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	757535	38.864	ng	100
60) Diethylphthalate	10.13	149	2886655	37.362	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	1170071	34.834	ng	99
62) 4-Nitroaniline	10.26	138	731738	35.665	ng	99
63) Azobenzene	10.40	77	2550295	38.778	ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	258879	23.977	ng	88
66) n-Nitrosodiphenylamine	10.36	169	2352392	37.429	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	833045	35.289	ng	97
68) Hexachlorobenzene	10.79	284	889939	34.446	ng	98
69) Atrazine	10.89	200	804460	36.803	ng	99
70) Pentachlorophenol	10.98	266	940622	62.980	ng	97
71) Phenanthrene	11.20	178	3654858	36.834	ng	98
72) Anthracene	11.25	178	3745364	35.867	ng	98
73) Carbazole	11.40	167	3486345	38.946	ng	99
74) Di-n-butylphthalate	11.75	149	4192776	35.611	ng	98
75) Fluoranthene	12.37	202	3846532	37.246	ng	97
77) Benzidine	12.49	184	624990	10.070	ng	98
78) Pyrene	12.60	202	3916646	36.012	ng	97
80) Butylbenzylphthalate	13.23	149	2075385	37.788	ng	98
81) Benzo(a)anthracene	13.78	228	3439289	35.600	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	700195	17.874	ng	98
83) Chrysene	13.82	228	3396416	36.139	ng	96
84) Bis(2-ethylhexyl)phthalate	13.80	149	2506152	36.087	ng	# 98
85) Di-n-octyl phthalate	14.40	149	4414762	37.412	ng	99
86) Indeno(1,2,3-cd)pyrene	16.48	276	3615932	33.720	ng	99
88) Benzo(b)fluoranthene	14.79	252	3807933	37.631	ng	99
89) Benzo(k)fluoranthene	14.82	252	3092659	35.989	ng	98
90) Benzo(a)pyrene	15.12	252	3305815	37.744	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	2958769	35.672	ng	98
92) Benzo(g,h,i)perylene	16.87	276	3009335	36.079	ng	98

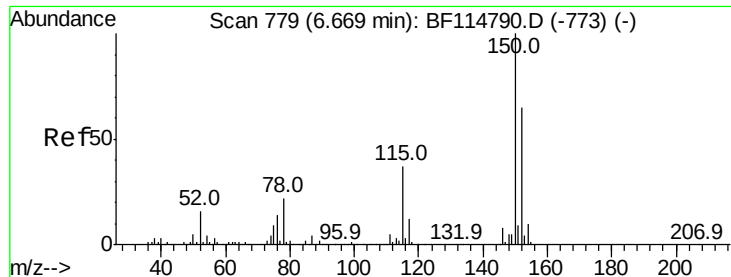
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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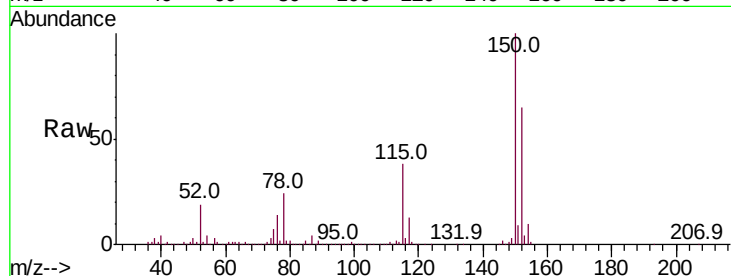


#1

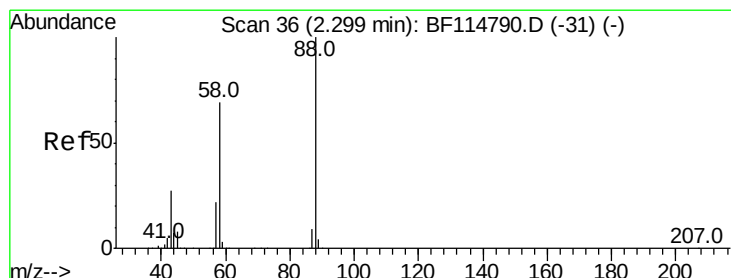
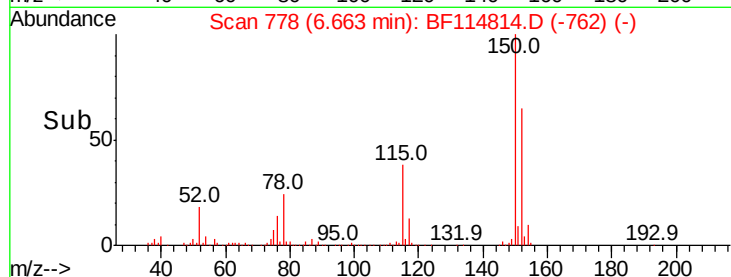
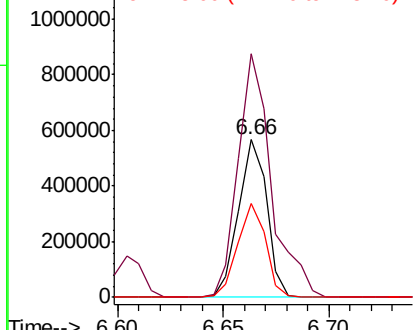
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 526199
Ion Ratio Lower Upper
152 100
150 154.7 124.0 186.0
115 59.5 46.3 69.5



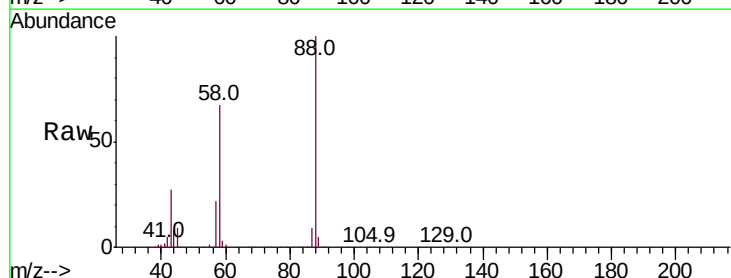
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



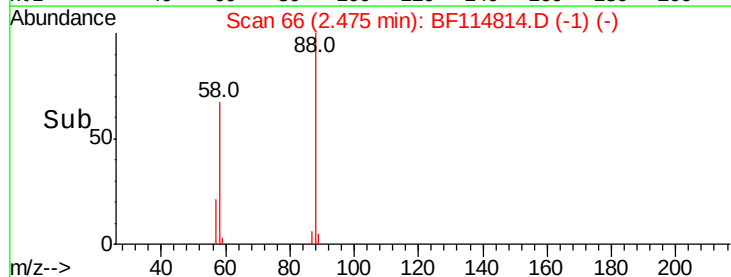
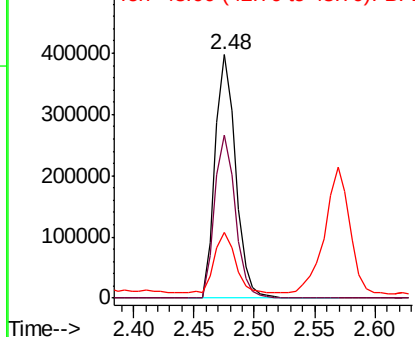
#2

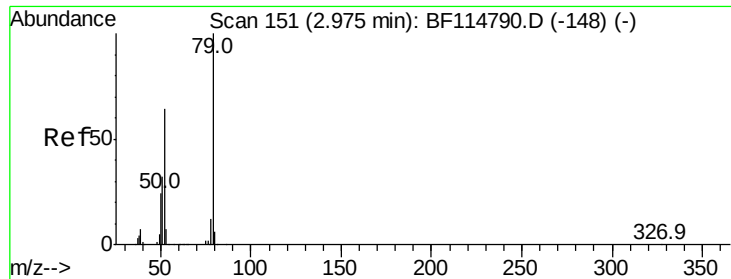
1,4-Dioxane
Concen: 32.186 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.18 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion: 88 Resp: 462762
Ion Ratio Lower Upper
88 100
58 67.4 53.8 80.8
43 24.9 20.7 31.1



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





#3

Pvridine

Concen: 26.802 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.17 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampled :

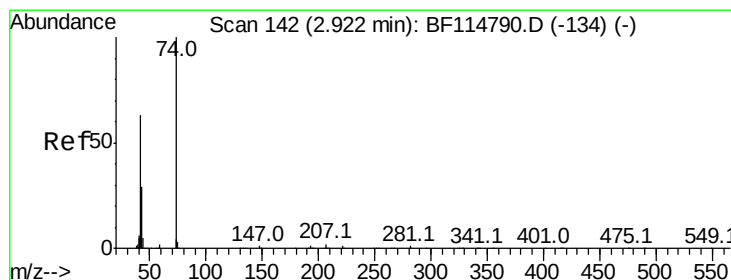
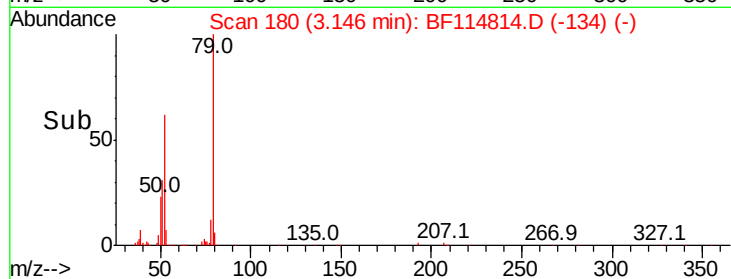
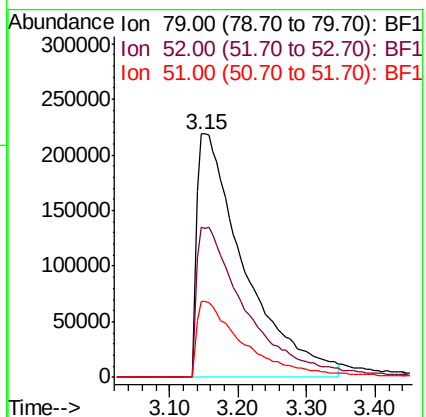
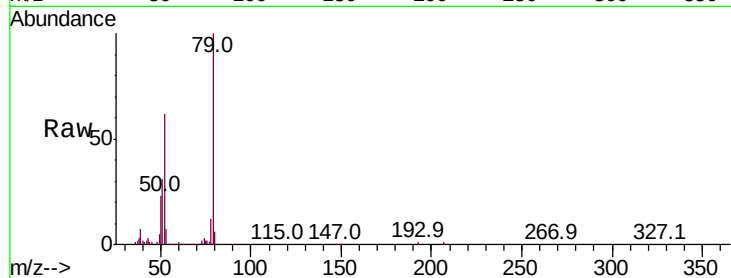
Tot Ion: 79 Resp: 1059070

Ion Ratio Lower Upper

79 100

52 61.9 51.0 76.4

51 31.0 25.7 38.5



#4

n-Nitrosodimethylamine

Concen: 35.103 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.11 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

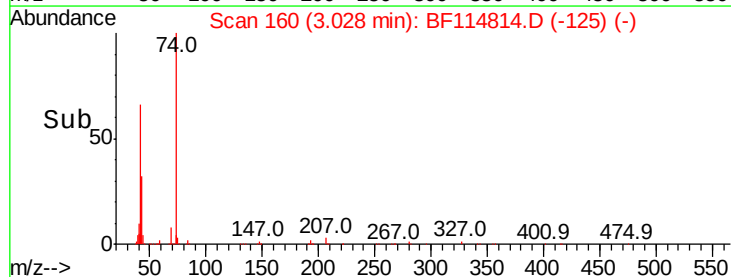
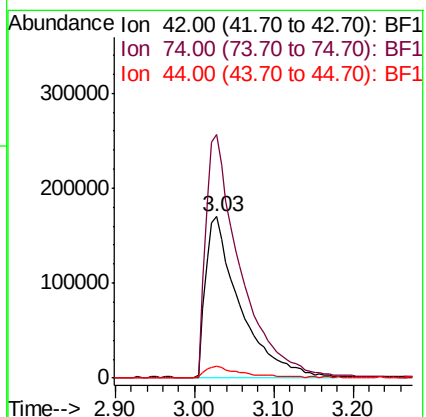
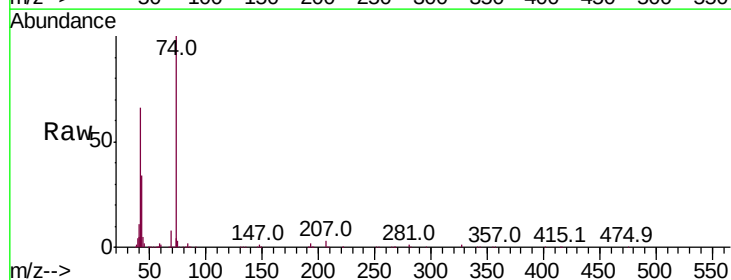
Tgt Ion: 42 Resp: 507644

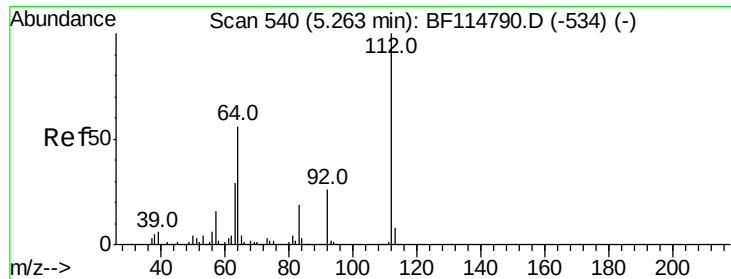
Ion Ratio Lower Upper

42 100

74 150.9 126.2 189.2

44 7.0 5.9 8.9





#5

2-Fluorophenol

Concen: 98.969 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

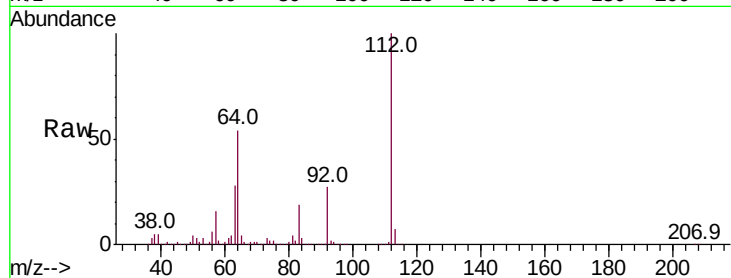
Tot Ion:112 Resp: 2980359

Ion Ratio Lower Upper

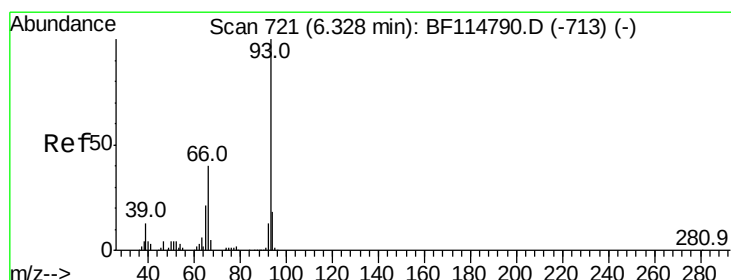
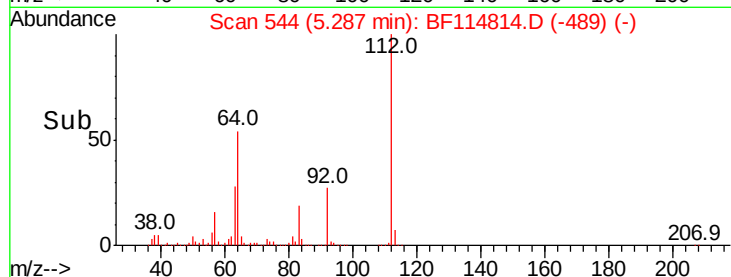
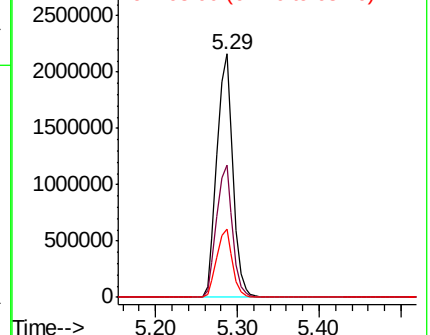
112 100

64 54.4 44.6 66.8

63 28.2 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.526 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

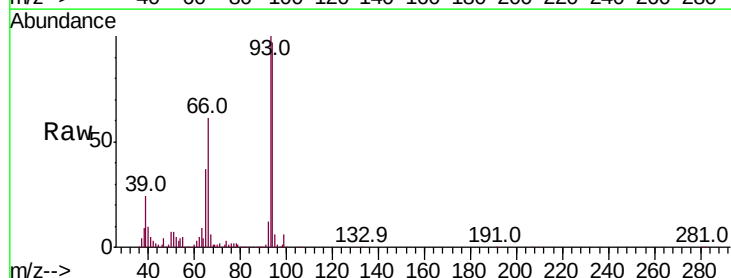
Tgt Ion: 93 Resp: 495319

Ion Ratio Lower Upper

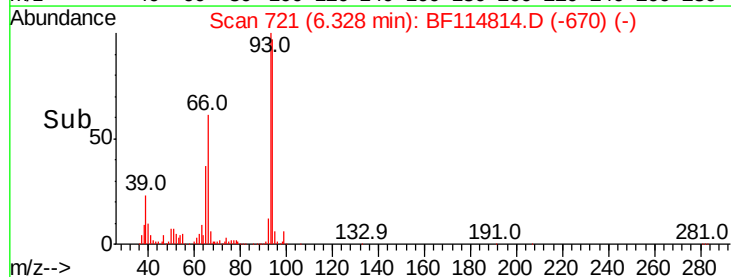
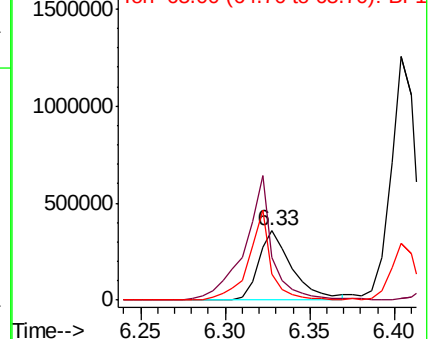
93 100

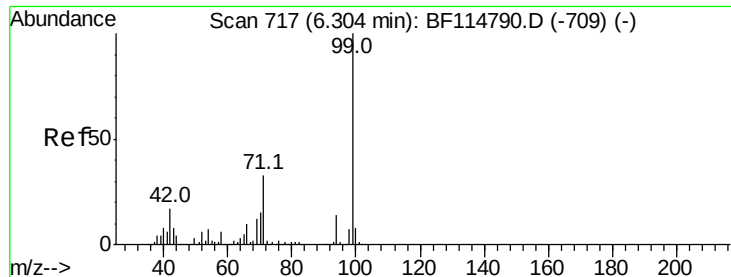
66 61.2 32.8 49.2#

65 37.0 16.9 25.3#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.670 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampled :

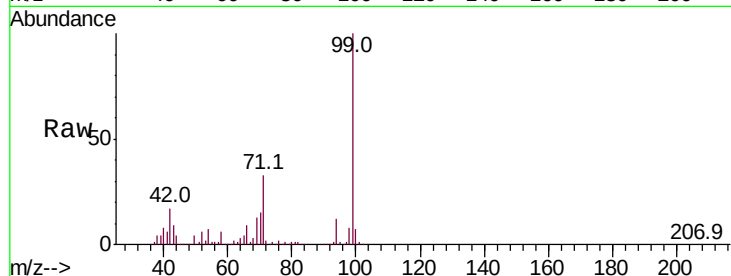
Tot Ion: 99 Resp: 3322401

Ion Ratio Lower Upper

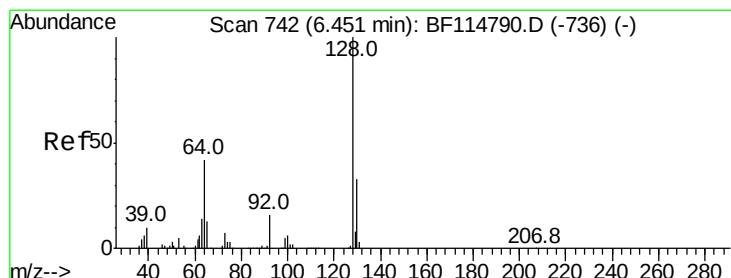
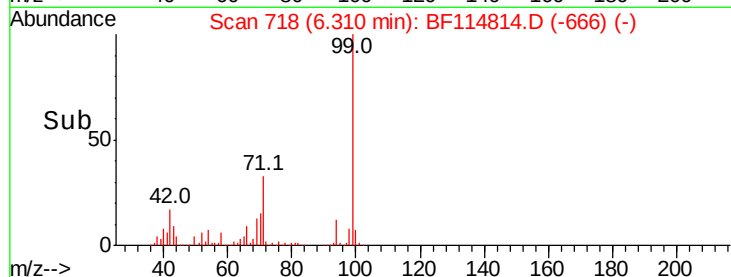
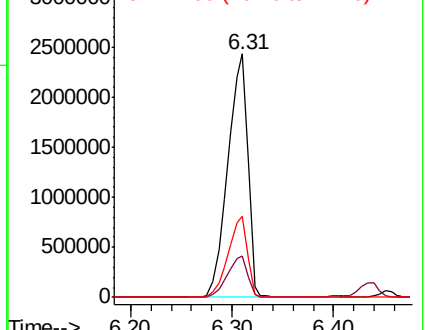
99 100

42 17.1 13.3 19.9

71 33.4 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.941 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

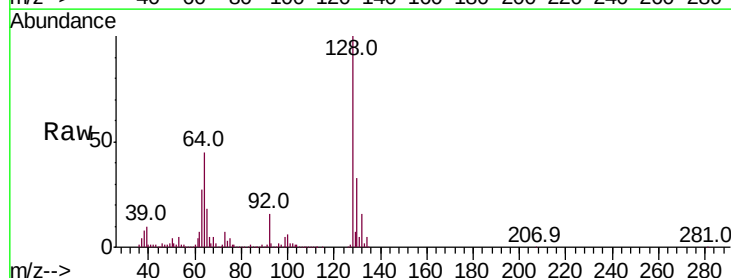
Tgt Ion:128 Resp: 1250513

Ion Ratio Lower Upper

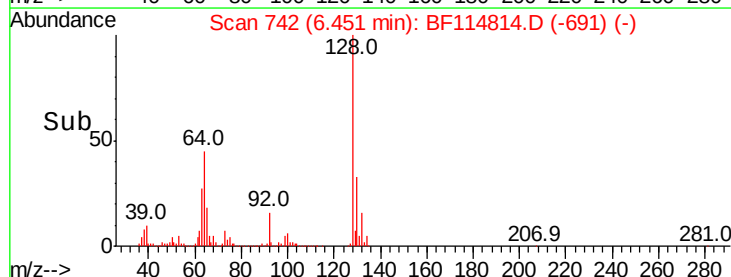
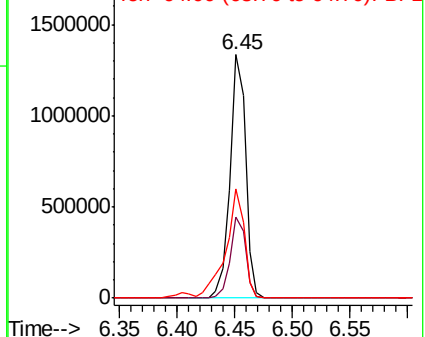
128 100

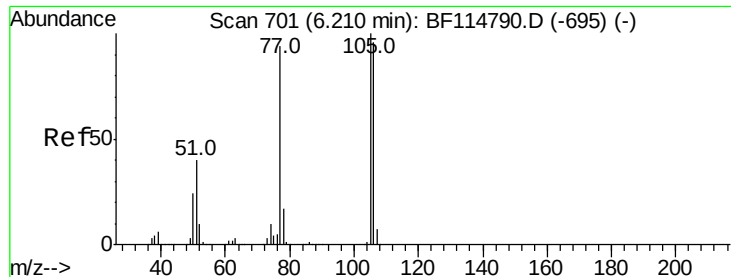
130 33.3 12.7 52.7

64 44.7 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.543 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF114814.D

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ClientSampleId :

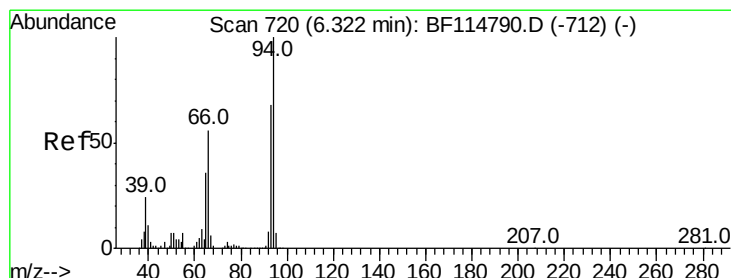
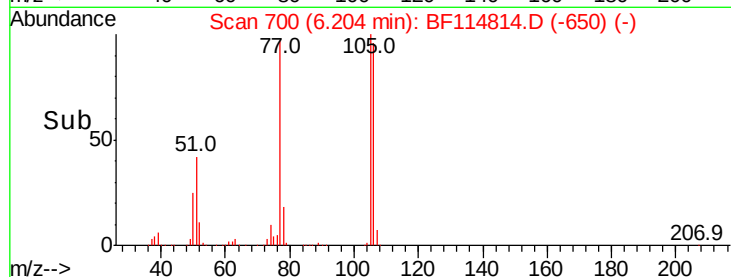
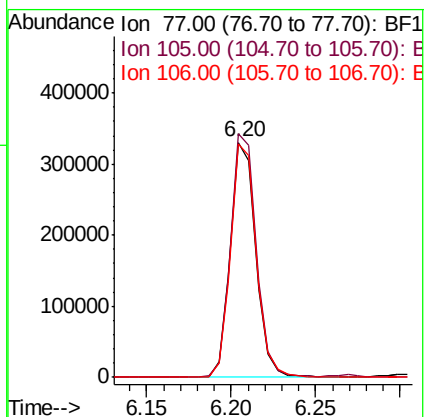
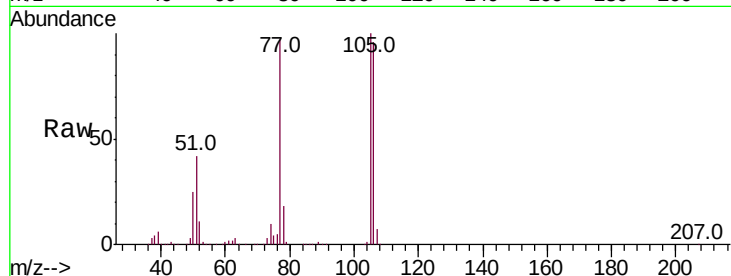
Tot Ion: 77 Resp: 344218

Ion Ratio Lower Upper

77 100

105 103.5 85.8 125.8

106 99.0 81.6 121.6



#10

Phenol

Concen: 30.241 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114814.D

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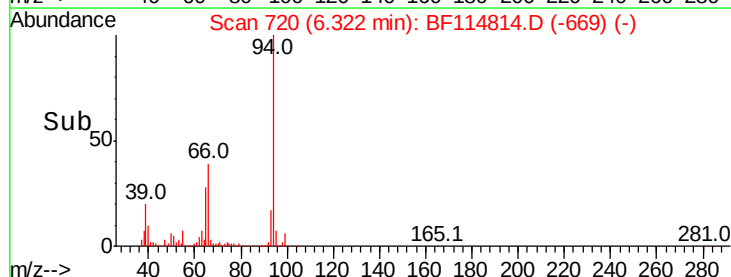
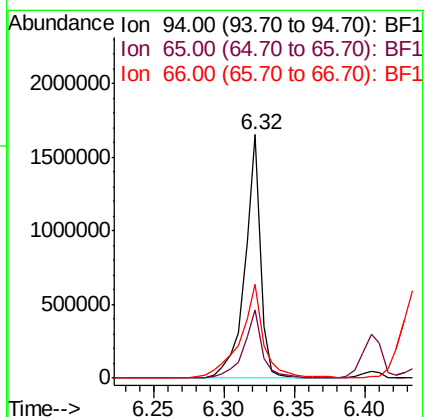
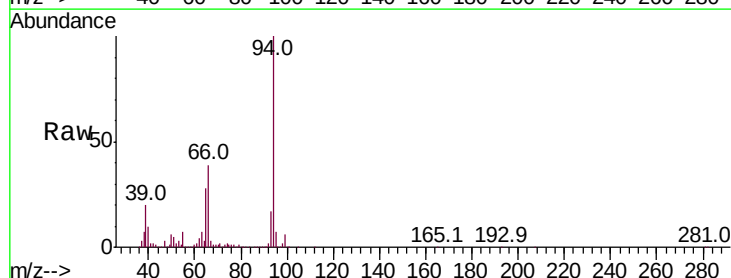
Tgt Ion: 94 Resp: 1267208

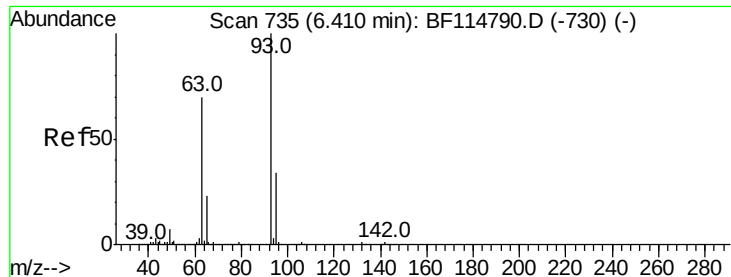
Ion Ratio Lower Upper

94 100

65 28.2 16.1 56.1

66 38.7 36.3 76.3





#11

bis(2-Chloroethyl)ether

Concen: 36.988 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

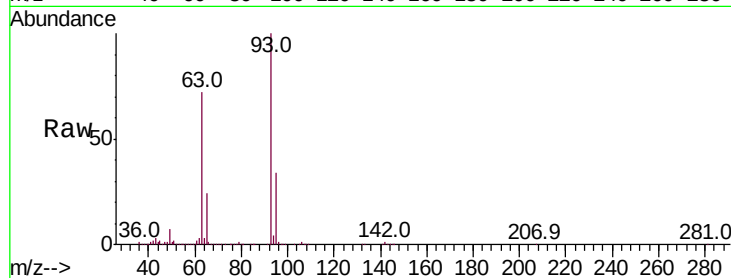
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 1209611

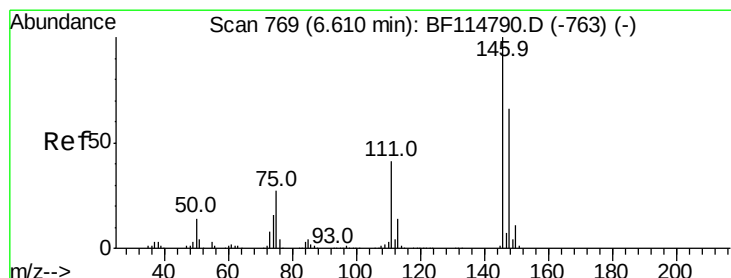
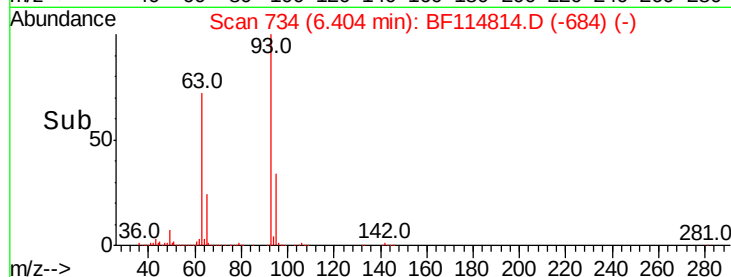
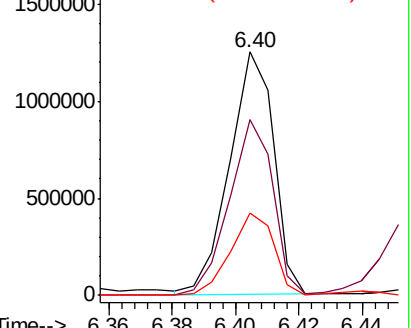
Ion	Ratio	Lower	Upper
93	100		
63	72.4	49.6	89.6
95	33.6	13.6	53.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 31.919 ng

RT: 6.60 min Scan# 768

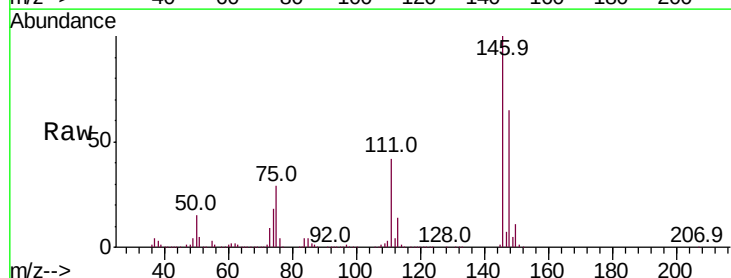
Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion: 146 Resp: 1294110

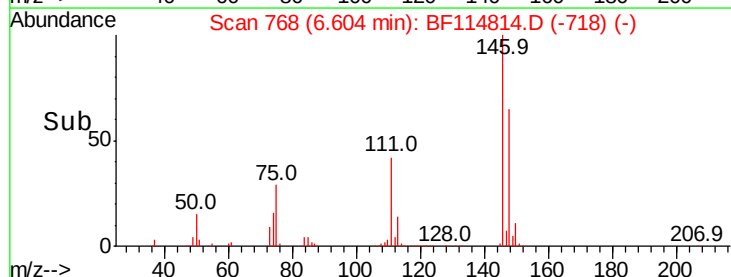
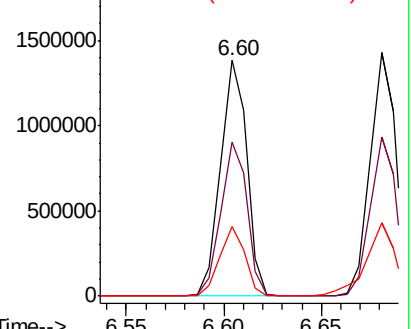
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.7	79.1
75	29.4	22.0	33.0

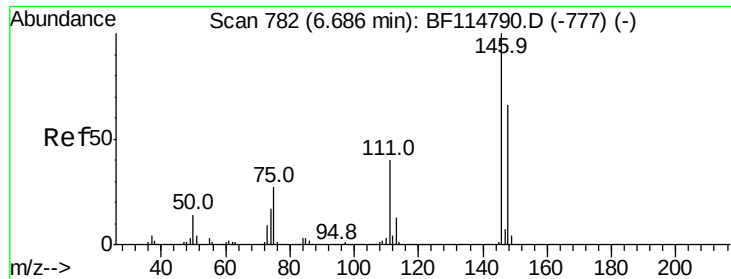


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

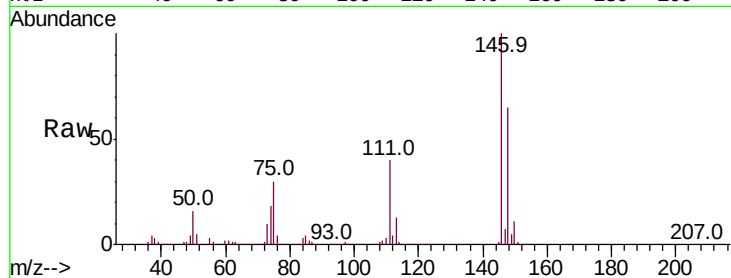




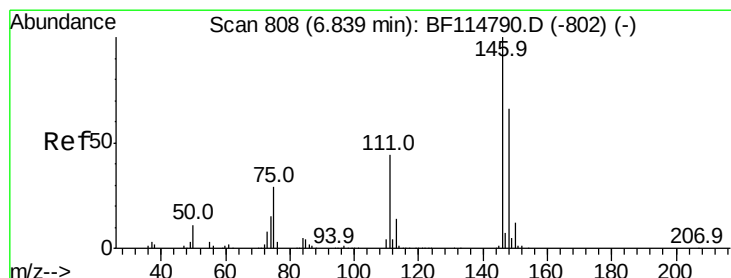
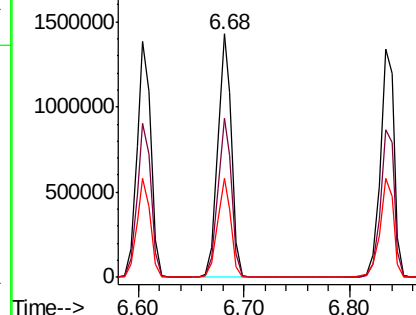
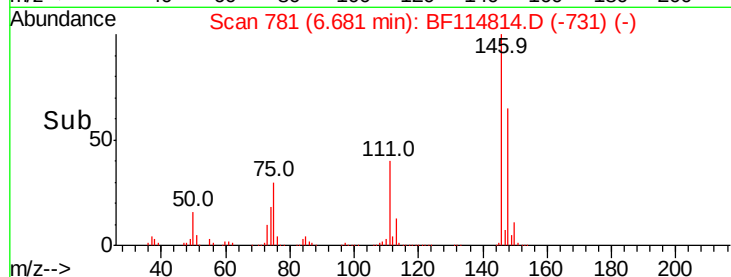
#13
 1,4-Dichlorobenzene
 Concen: 32.380 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1320964
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.0 79.4
 111 40.4 32.2 48.4

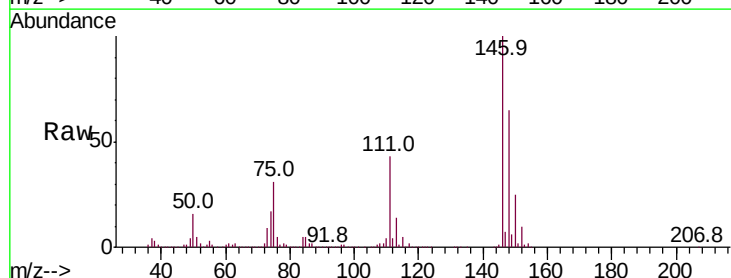


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

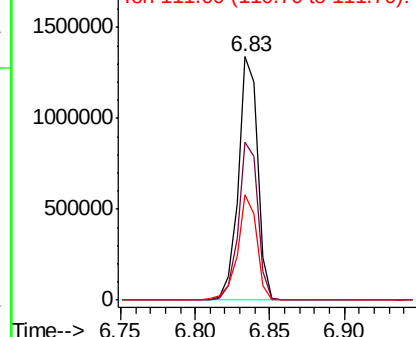
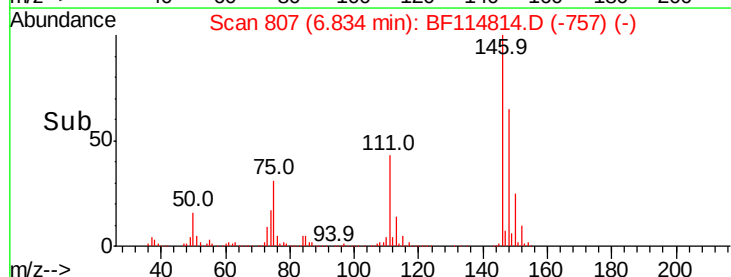


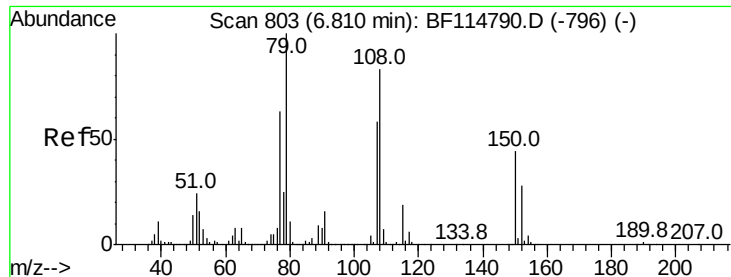
#14
 1,2-Dichlorobenzene
 Concen: 33.215 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion:146 Resp: 1223780
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.5 78.7
 111 43.5 34.8 52.2



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: 35.847 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampled :

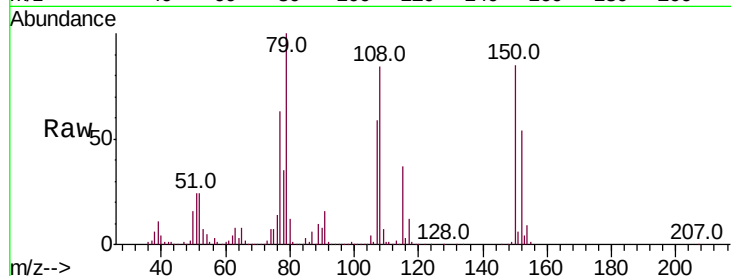
Tot Ion: 79 Resp: 993321

Ion Ratio Lower Upper

79 100

108 84.1 66.8 100.2

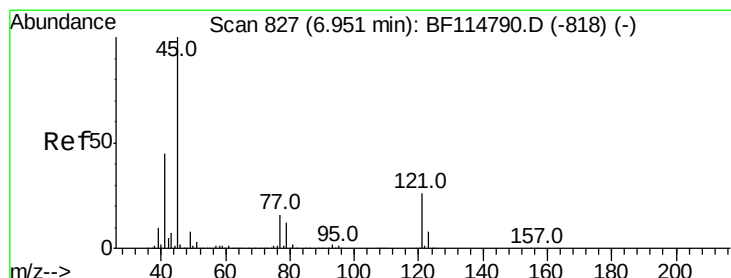
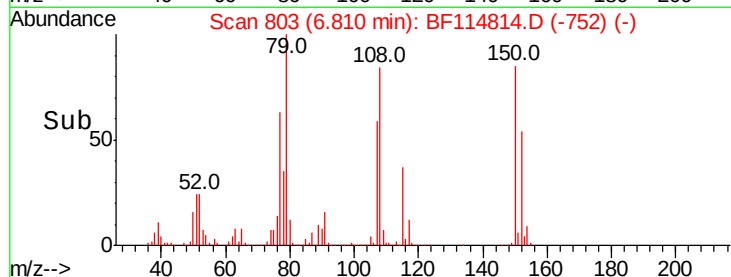
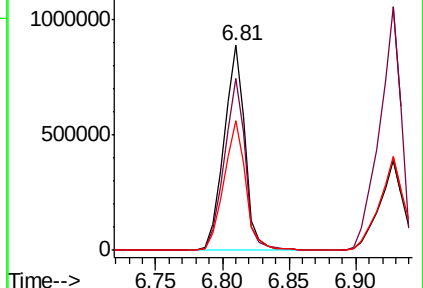
77 63.4 50.6 76.0



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: 35.724 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

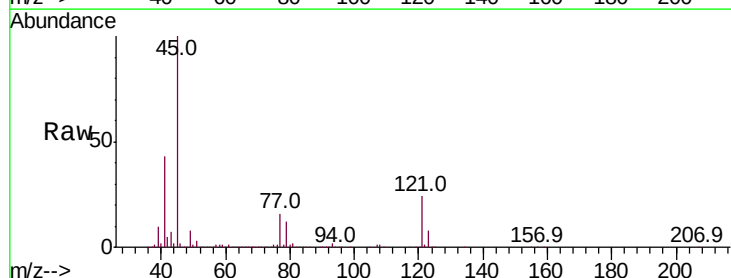
Tgt Ion: 45 Resp: 1670881

Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.8

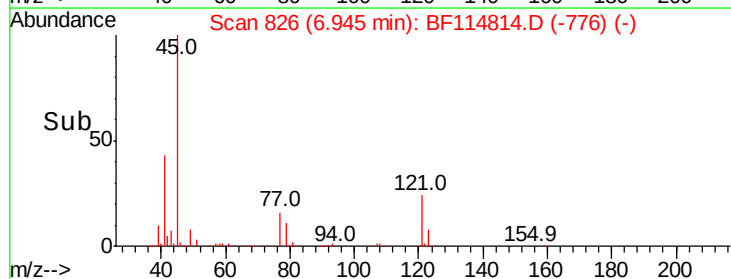
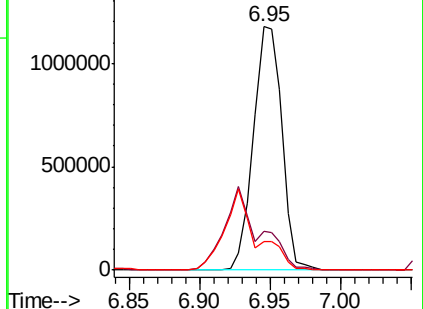
79 11.7 0.0 32.0

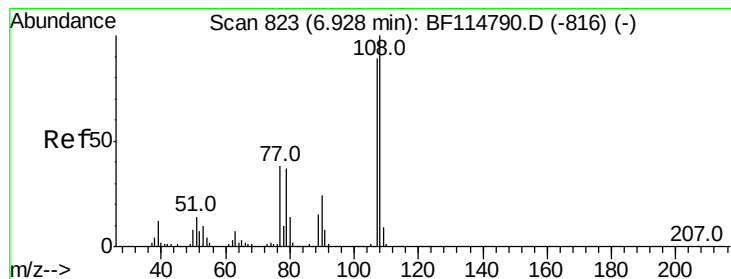


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.953 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1039530

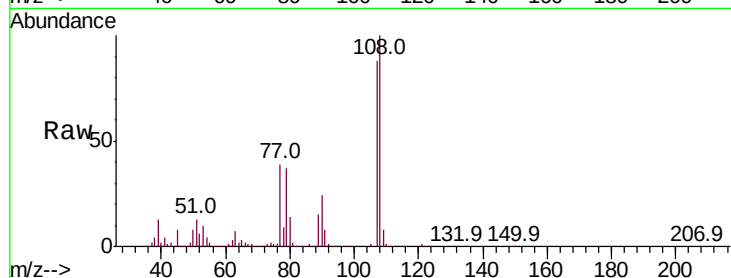
Ion Ratio Lower Upper

107 100

108 113.2 90.2 135.2

77 43.6 34.5 51.7

79 42.0 33.8 50.6

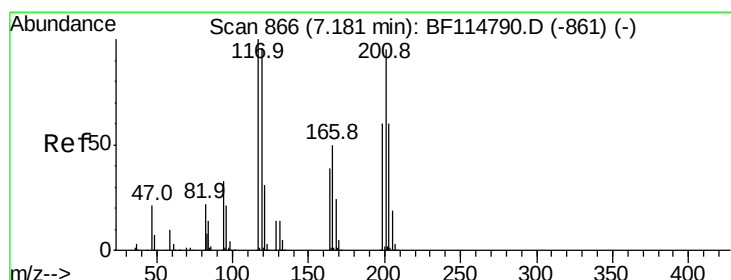
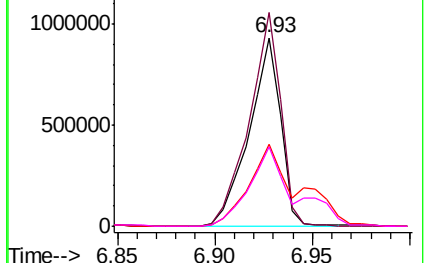
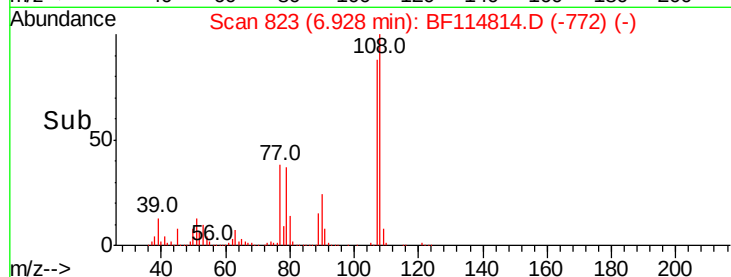


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.727 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

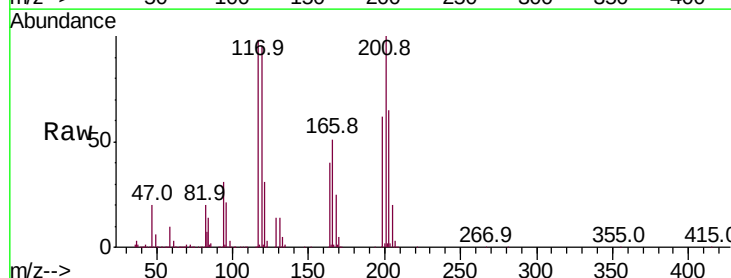
Tgt Ion:117 Resp: 471815

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

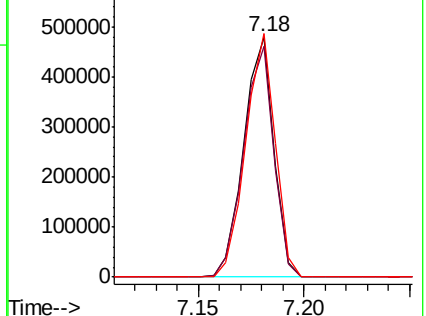
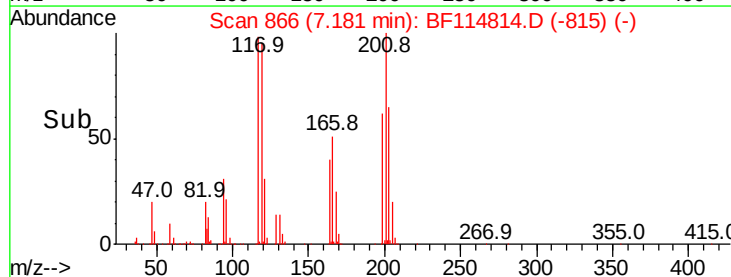
201 101.6 76.0 114.0

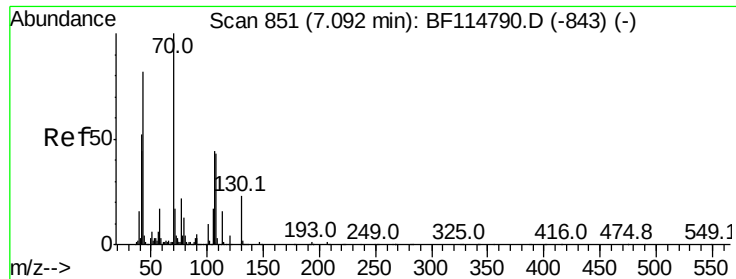


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

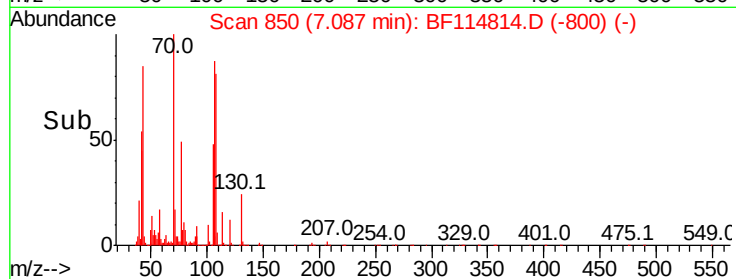
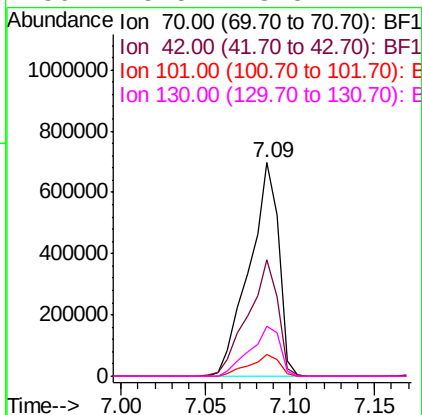
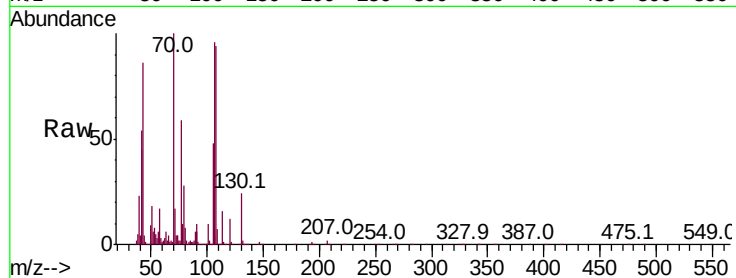




#19
n-Nitroso-di-n-propylamine
Concen: 34.909 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

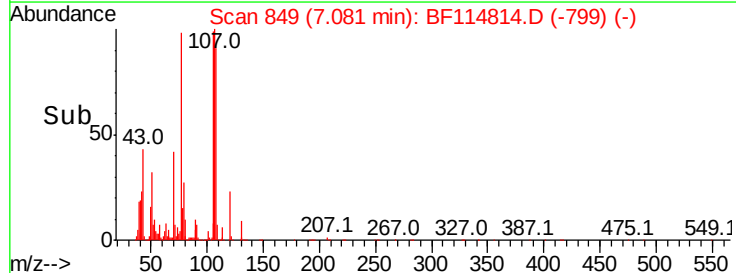
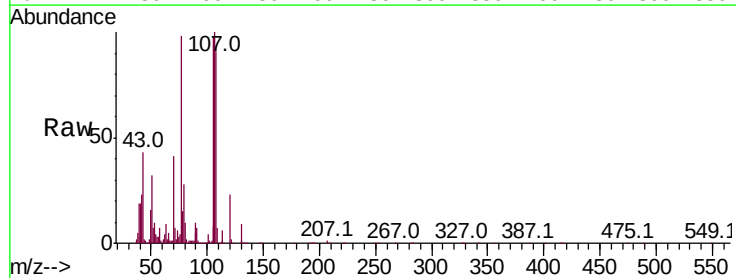
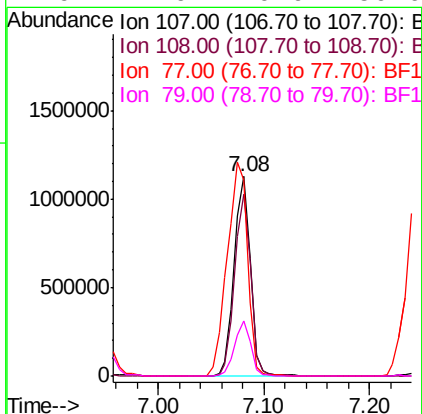
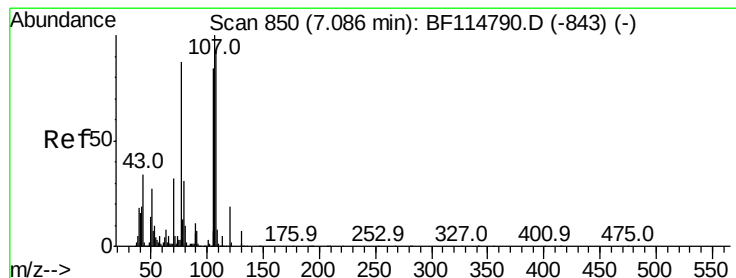
Instrument :
BNA_F
ClientSampleId :

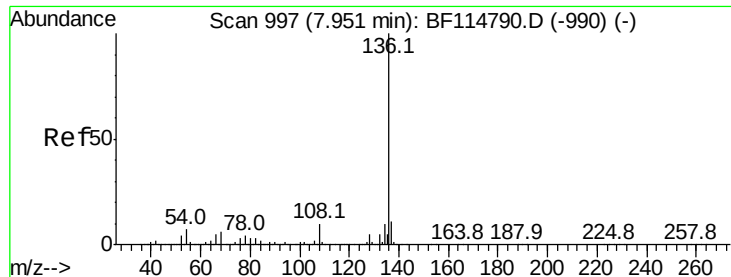
Tot Ion:	70	Resp:	846758
Ion	Ratio	Lower	Upper
70	100		
42	54.4	41.8	62.8
101	10.3	8.2	12.4
130	23.5	18.5	27.7



#20
3+4-Methylphenols
Concen: 35.960 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:	107	Resp:	1179600
Ion	Ratio	Lower	Upper
107	100		
108	91.4	73.5	113.5
77	98.5	67.2	107.2
79	27.9	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2053852

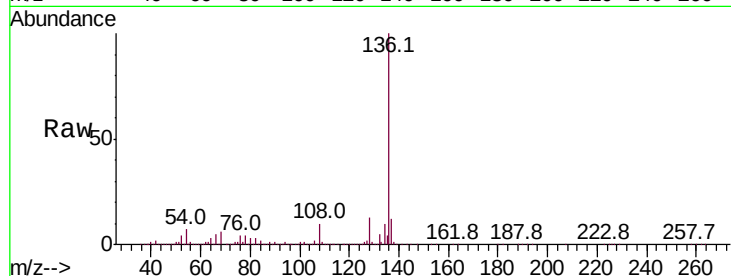
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.1 5.4 8.0

68 6.2 4.6 6.8

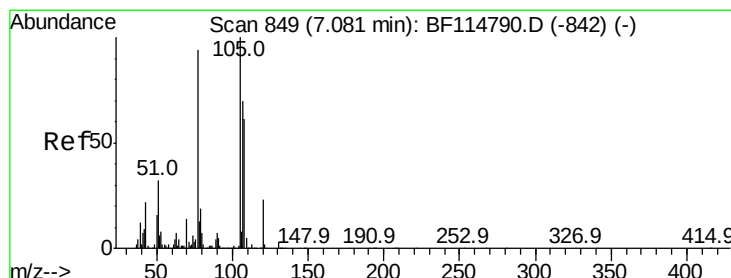
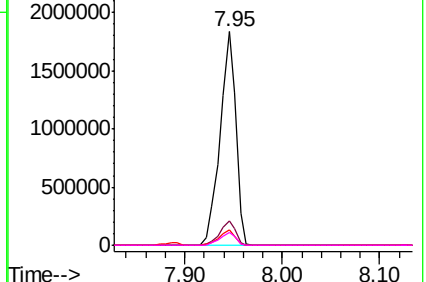
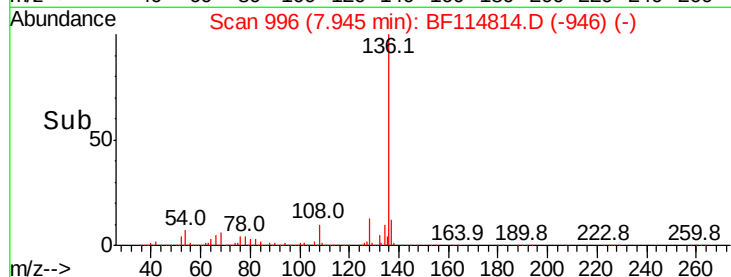


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.361 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:105 Resp: 1734621

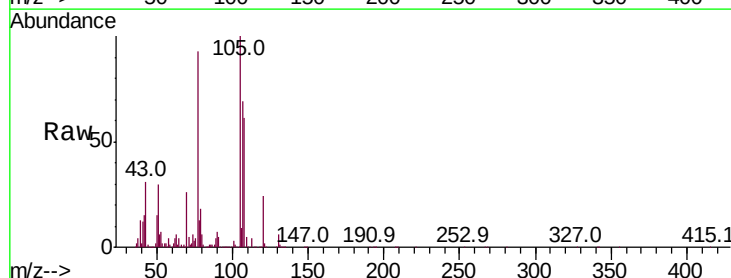
Ion Ratio Lower Upper

105 100

71 4.6 2.0 3.0#

51 30.2 25.4 38.0

120 23.6 18.7 28.1

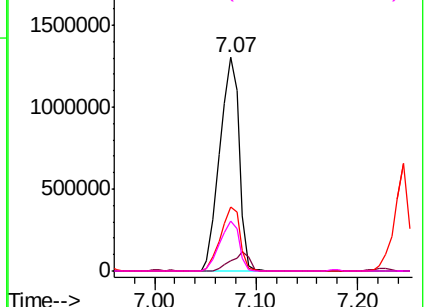
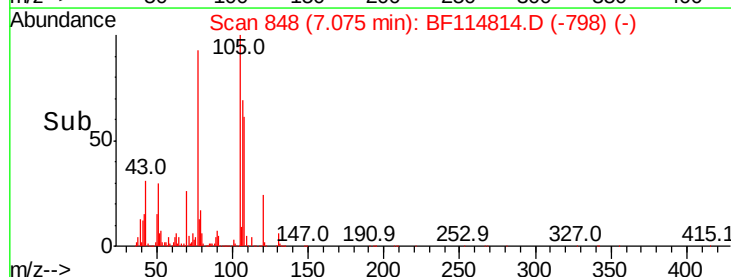


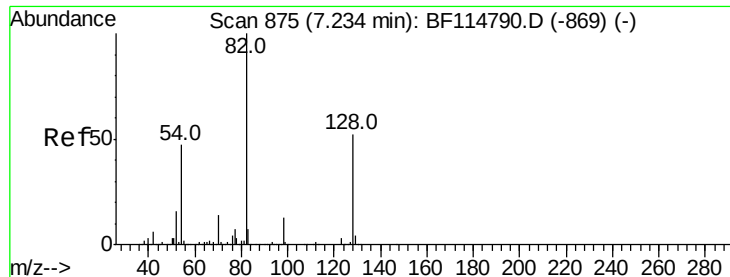
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

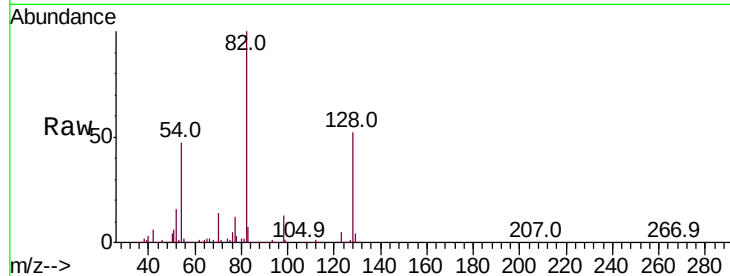




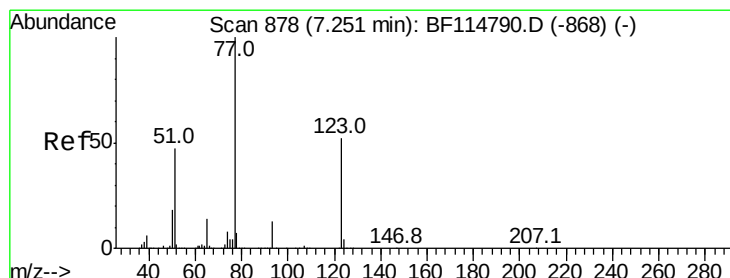
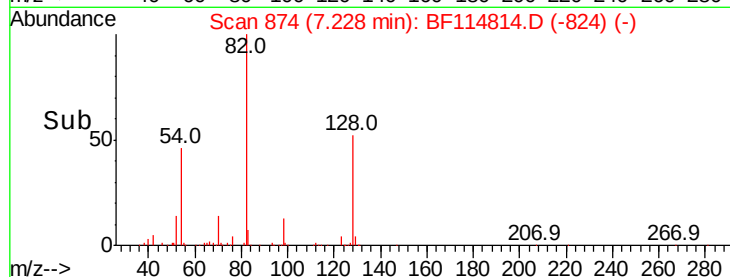
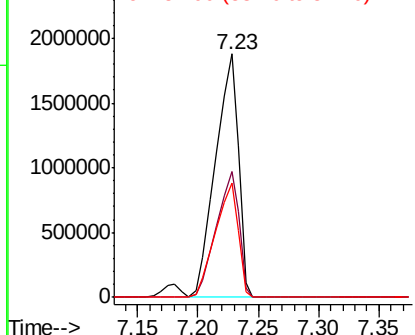
#23
Nitrobenzene-d5
Concen: 73.744 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2460398
Ion Ratio Lower Upper
82 100
128 51.9 41.8 62.6
54 46.9 37.9 56.9

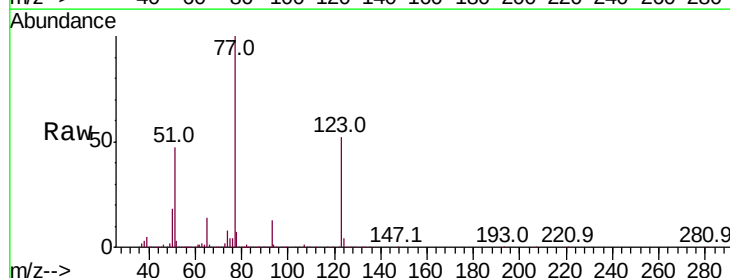


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

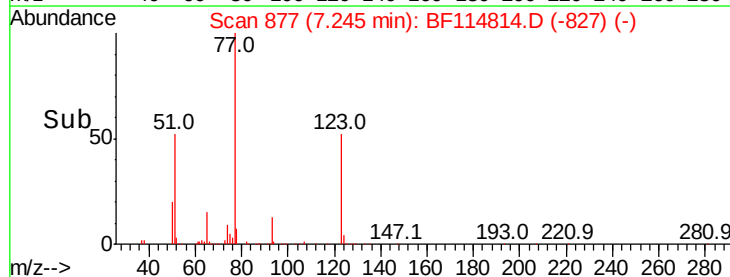
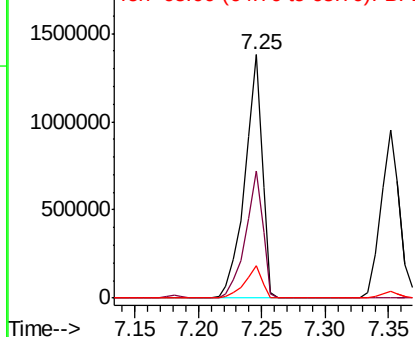


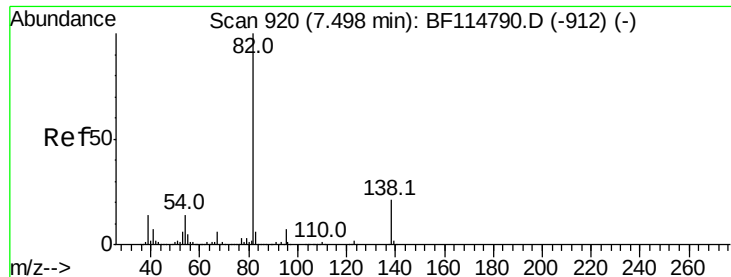
#24
Nitrobenzene
Concen: 37.749 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion: 77 Resp: 1304775
Ion Ratio Lower Upper
77 100
123 52.2 41.5 62.3
65 13.5 10.8 16.2



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





#25

Isophorone

Concen: 36.947 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampled :

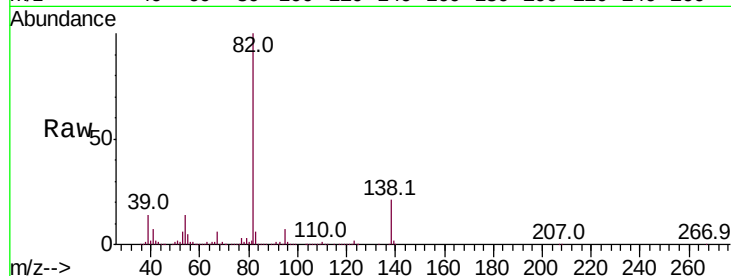
Tot Ion: 82 Resp: 2437020

Ion Ratio Lower Upper

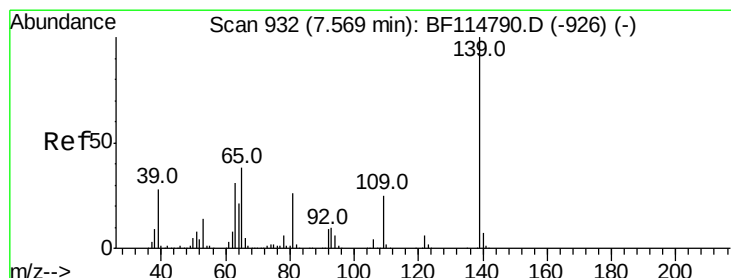
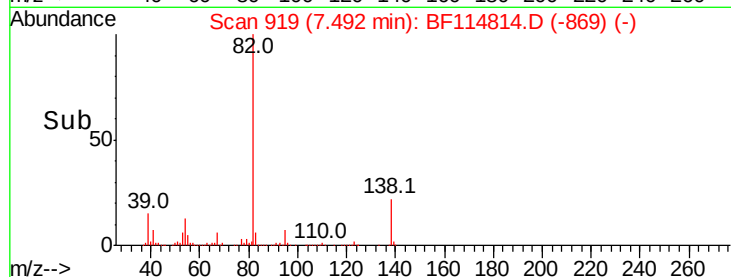
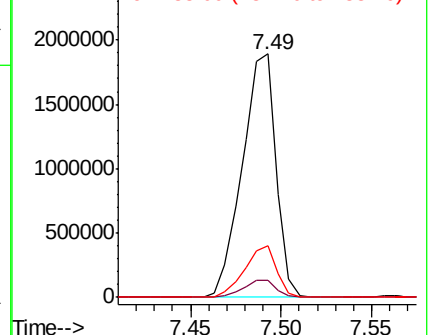
82 100

95 7.1 5.8 8.8

138 21.0 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.319 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

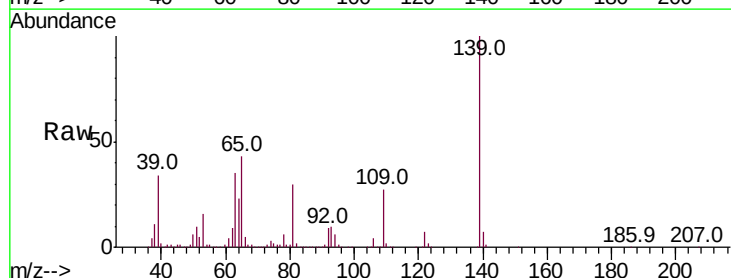
Tgt Ion: 139 Resp: 717346

Ion Ratio Lower Upper

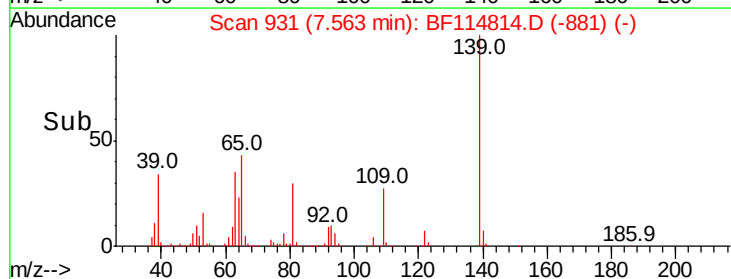
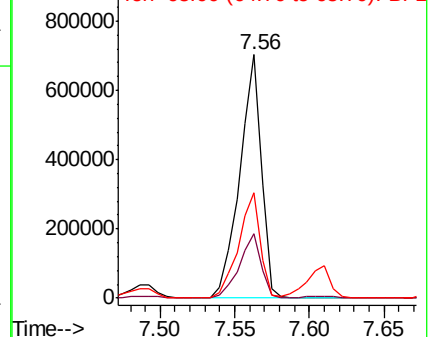
139 100

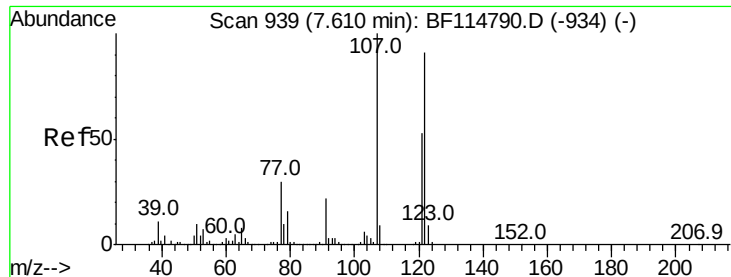
109 26.7 20.4 30.6

65 43.2 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



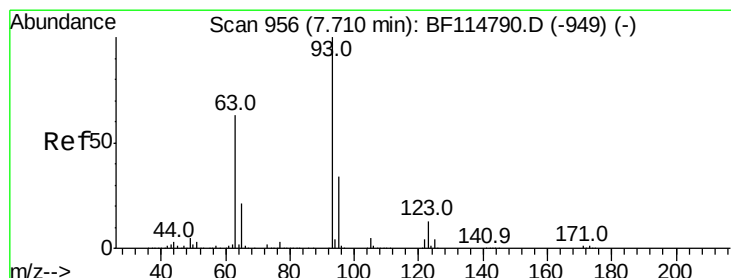
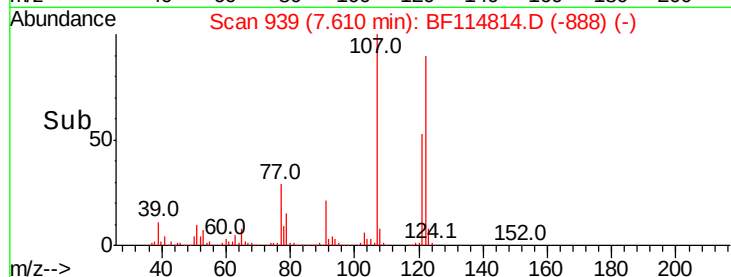
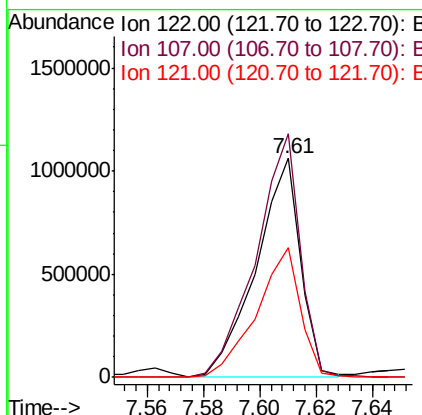
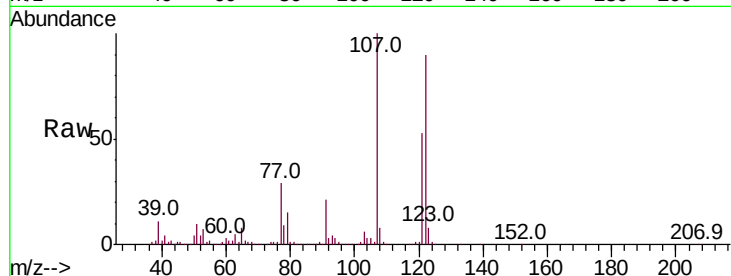


#27
 2,4-Dimethylphenol
 Concen: 40.627 ng
 RT: 7.61 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1155976

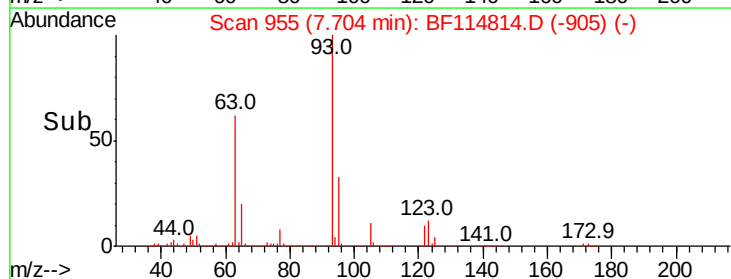
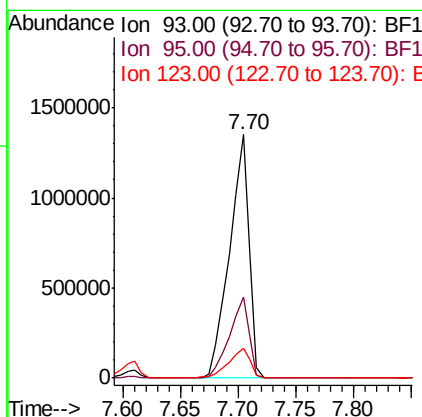
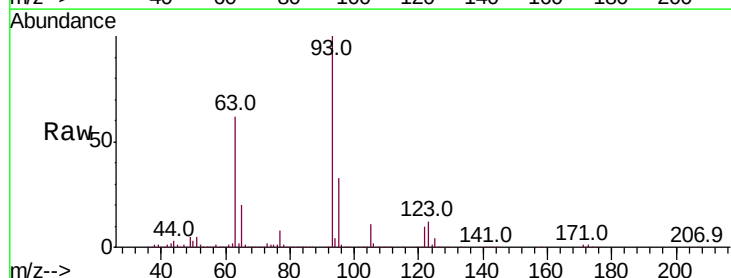
Ion	Ratio	Lower	Upper
122	100		
107	111.1	87.9	131.9
121	59.2	46.4	69.6

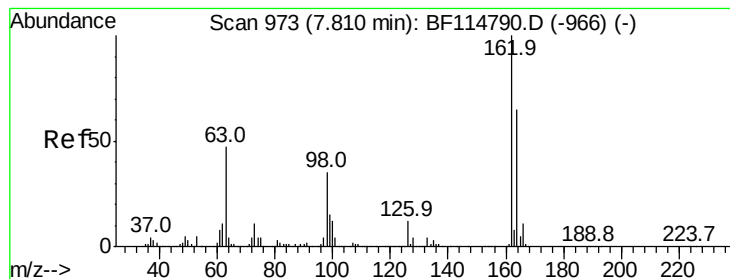


#28
 bis(2-Chloroethoxy)methane
 Concen: 37.381 ng
 RT: 7.70 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion: 93 Resp: 1576133

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.9	40.3
123	12.3	10.4	15.6





#29

2,4-Dichlorophenol

Concen: 38.167 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

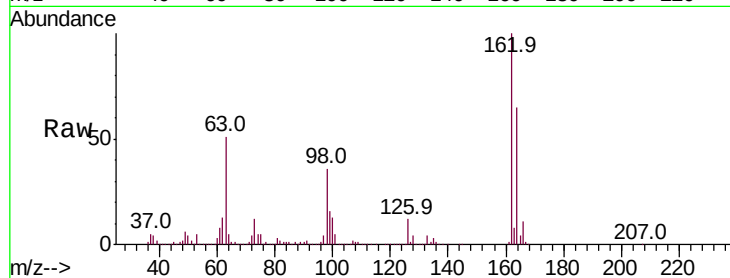
Tot Ion:162 Resp: 1142539

Ion Ratio Lower Upper

162 100

164 64.9 45.1 85.1

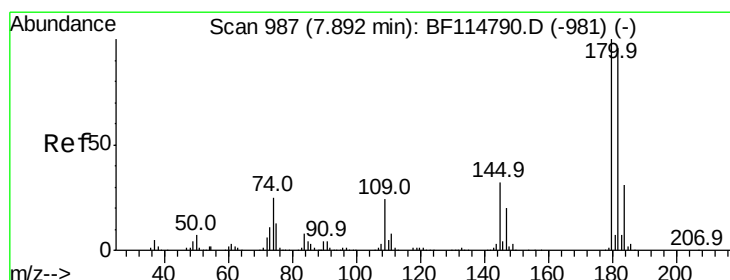
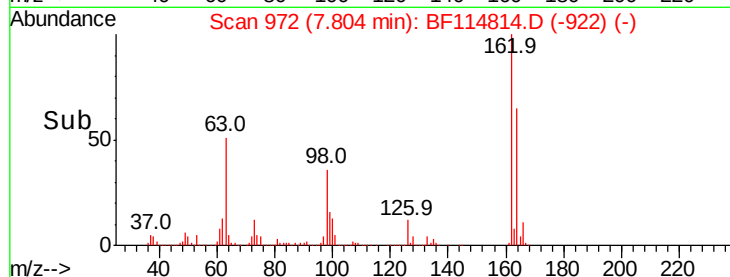
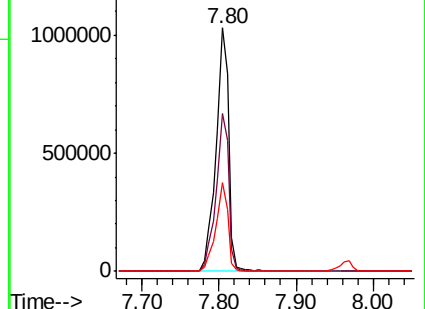
98 36.4 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 35.182 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

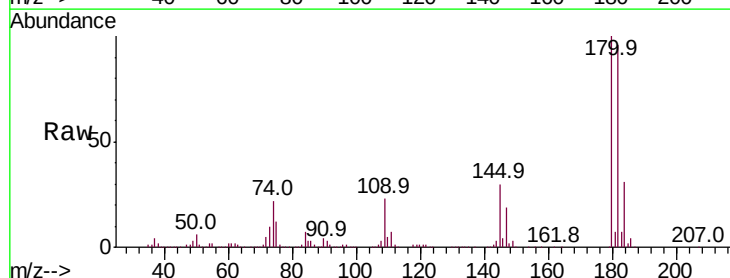
Tgt Ion:180 Resp: 1208452

Ion Ratio Lower Upper

180 100

182 95.5 76.5 114.7

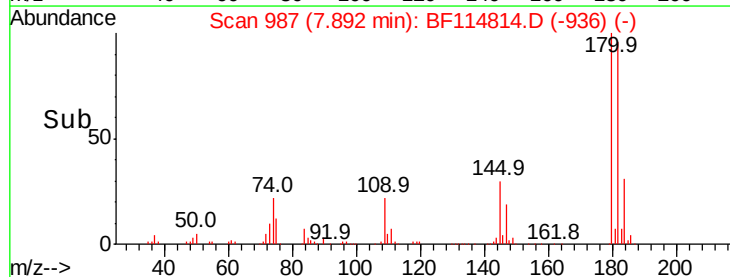
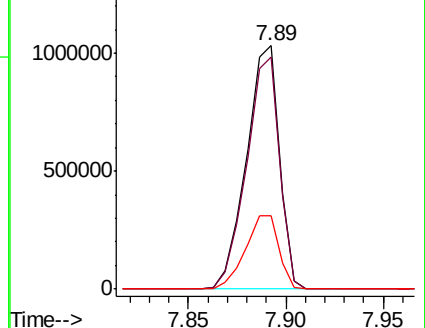
145 30.3 25.8 38.8

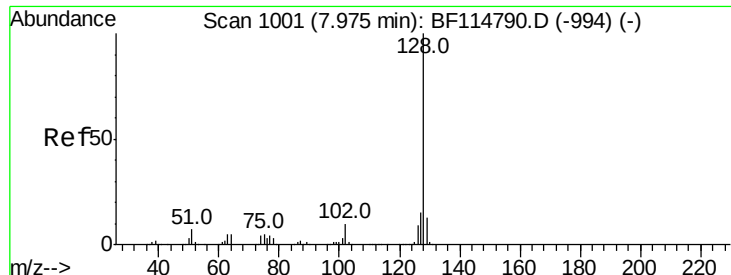


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

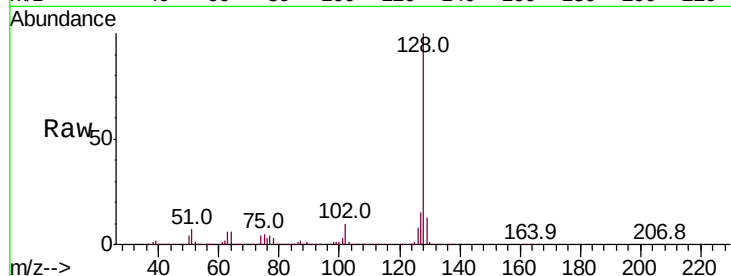




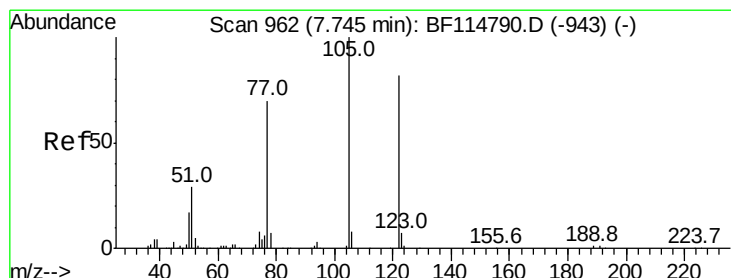
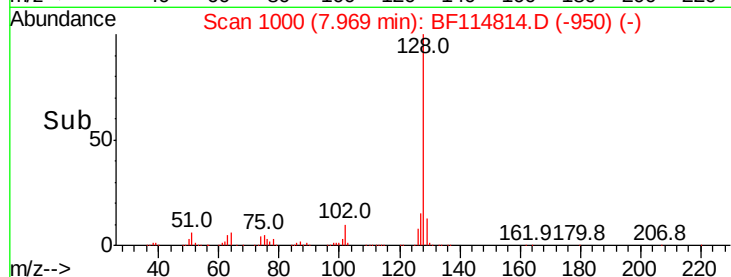
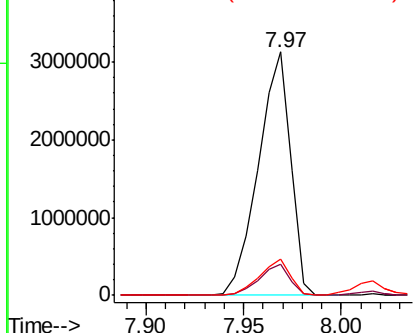
#31
Naphthalene
Concen: 38.648 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3573549
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 15.2 12.2 18.2

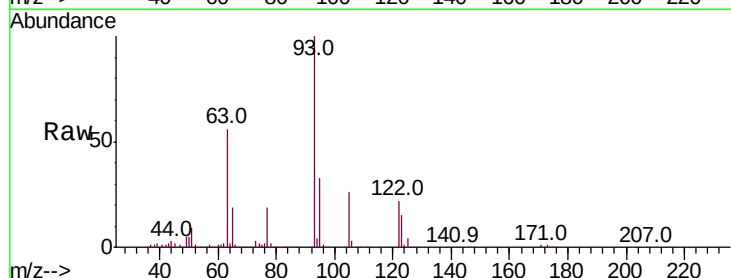


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

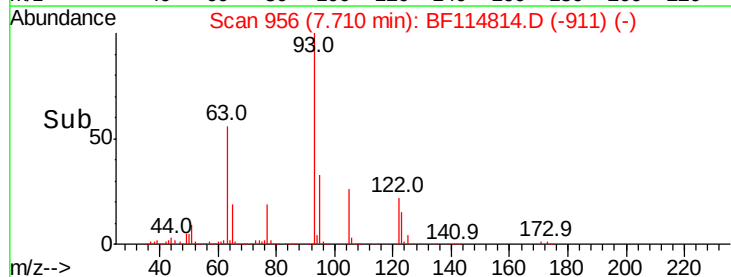
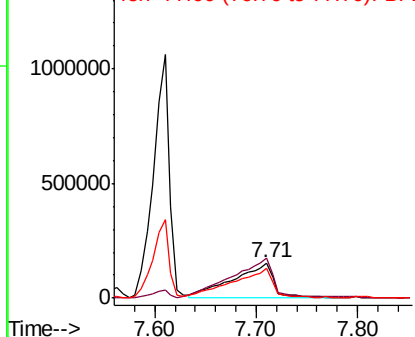


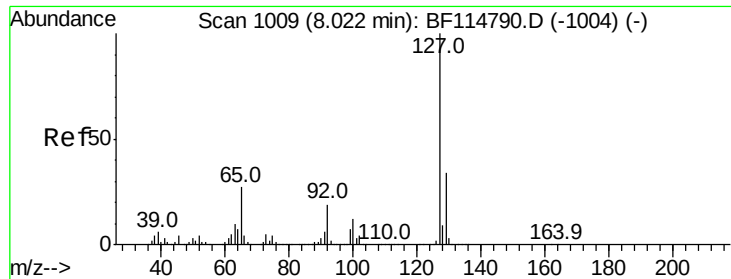
#32
Benzoic acid
Concen: 20.258 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:122 Resp: 419813
Ion Ratio Lower Upper
122 100
105 113.9 98.7 138.7
77 84.9 64.8 104.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

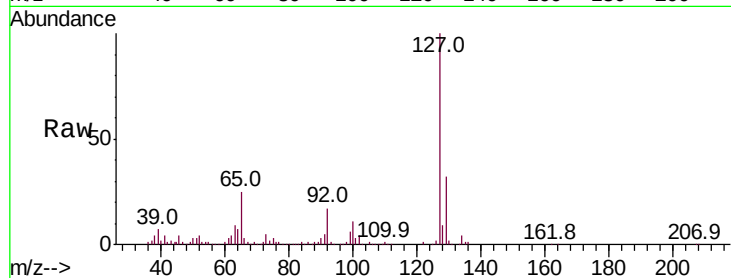




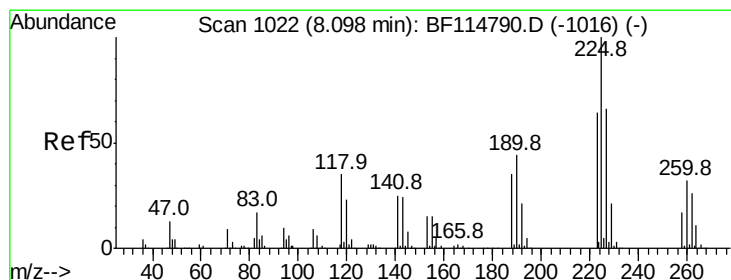
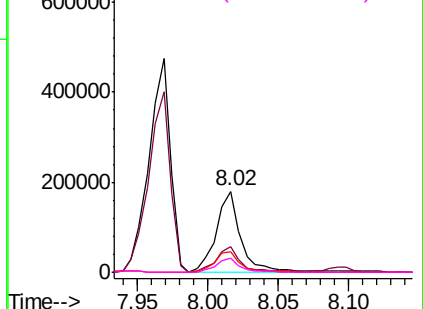
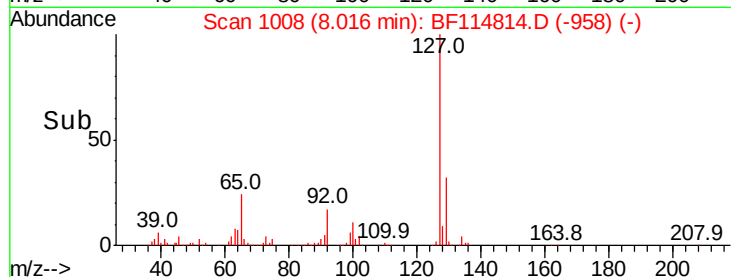
#33
4-Chloroaniline
Concen: 4.826 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	212894
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.9	40.3
65	25.5	21.7	32.5
92	17.5	14.8	22.2

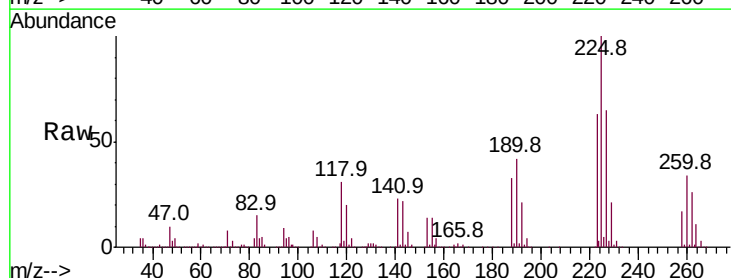


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

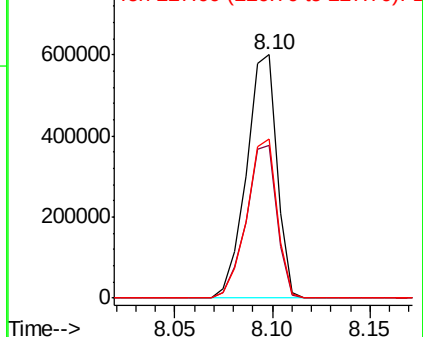
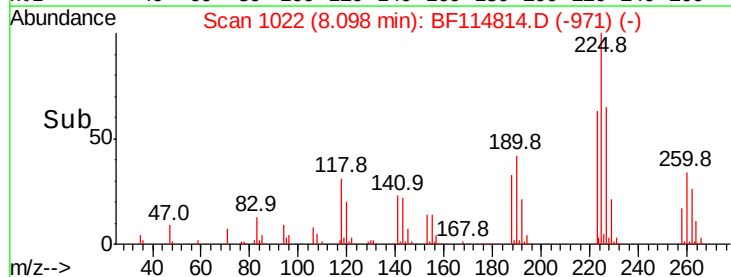


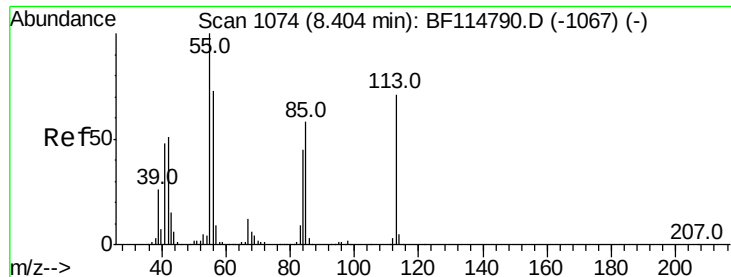
#34
Hexachlorobutadiene
Concen: 33.305 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:	225	Resp:	650379
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	65.2	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

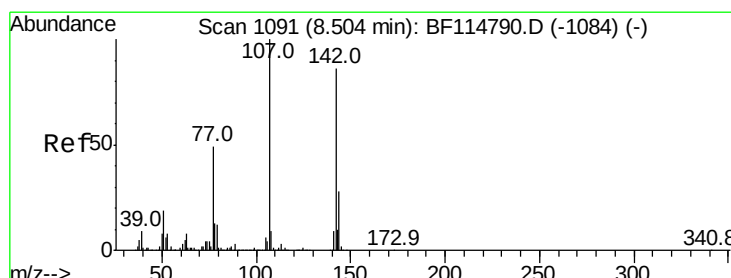
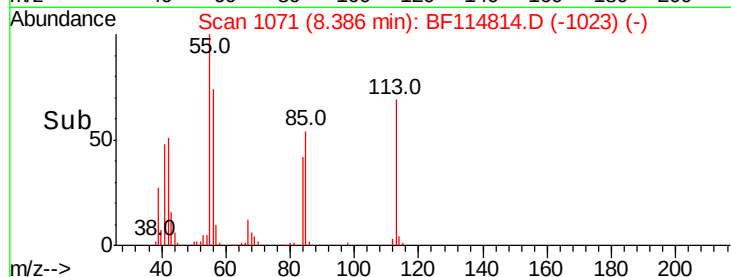
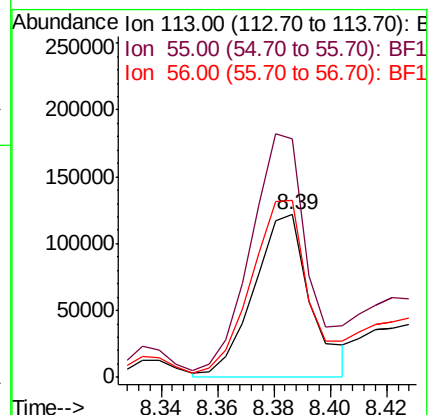
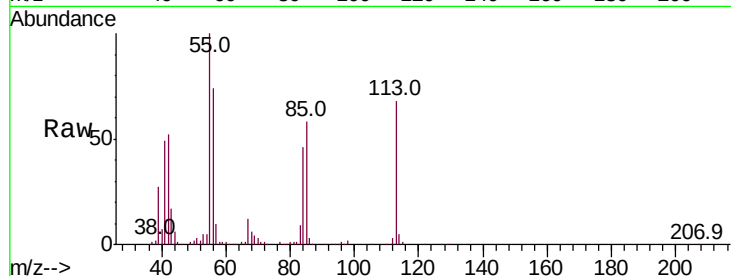




#35
Caprolactam
Concen: 17.394 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

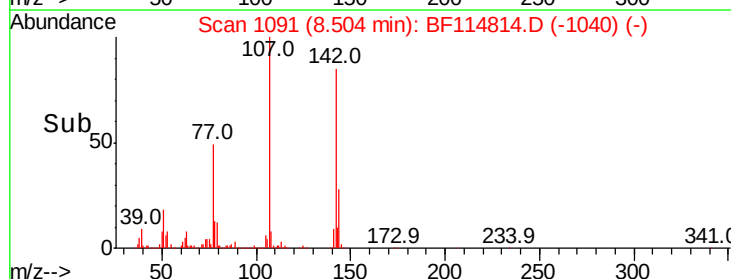
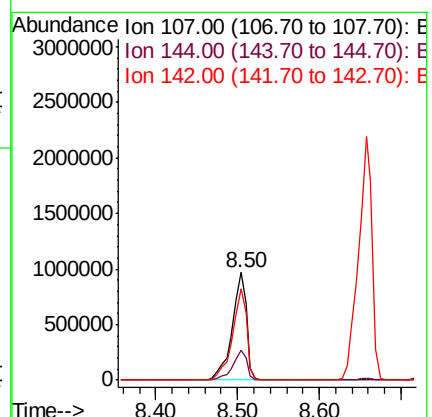
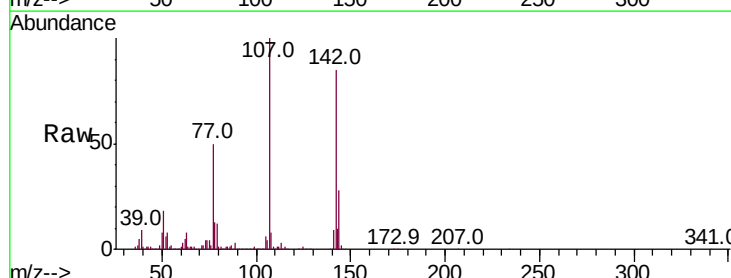
Instrument :
BNA_F
ClientSampleId :

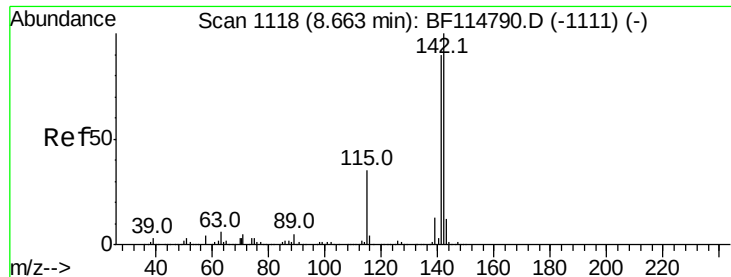
Tot Ion:113 Resp: 170097
Ion Ratio Lower Upper
113 100
55 146.2 121.1 161.1
56 108.6 82.6 122.6



#36
4-Chloro-3-methylphenol
Concen: 39.540 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:107 Resp: 1177819
Ion Ratio Lower Upper
107 100
144 28.0 22.1 33.1
142 85.3 68.4 102.6

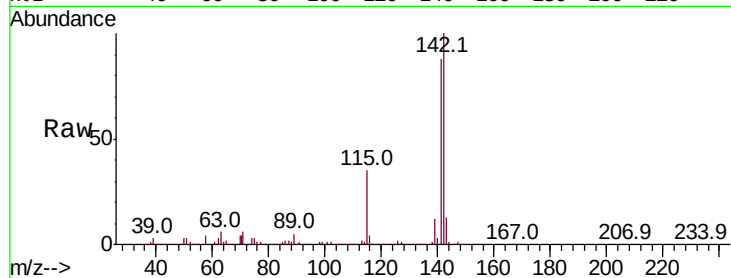




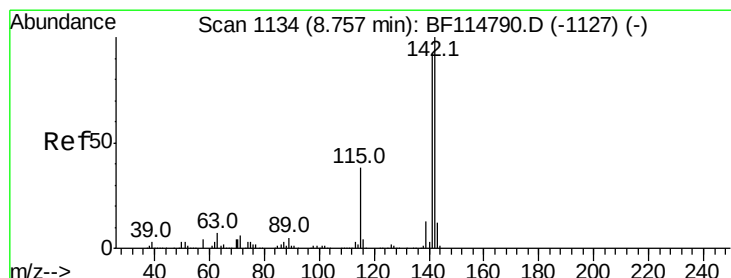
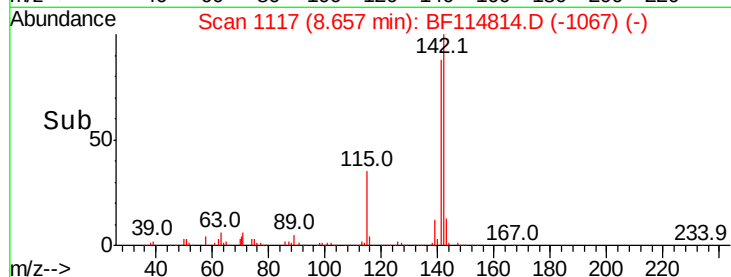
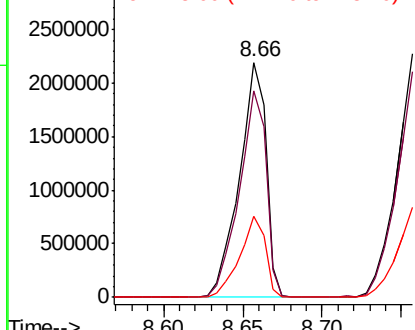
#37
2-Methylnaphthalene
Concen: 39.909 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2559583
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 34.5 28.2 42.4

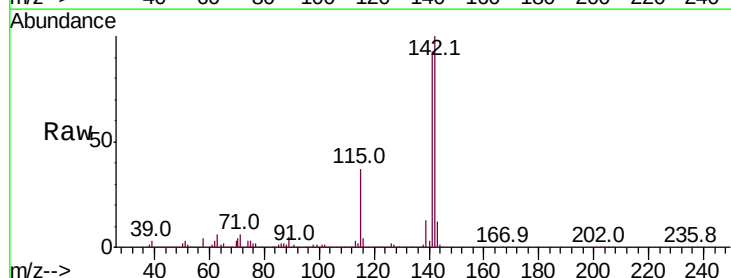


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

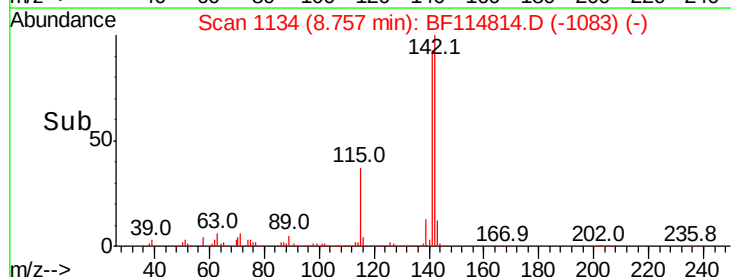
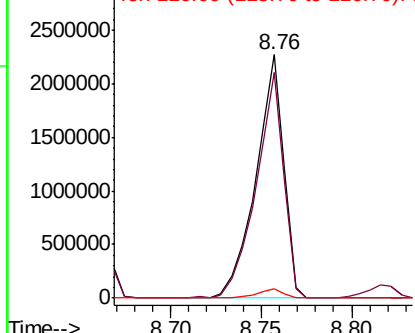


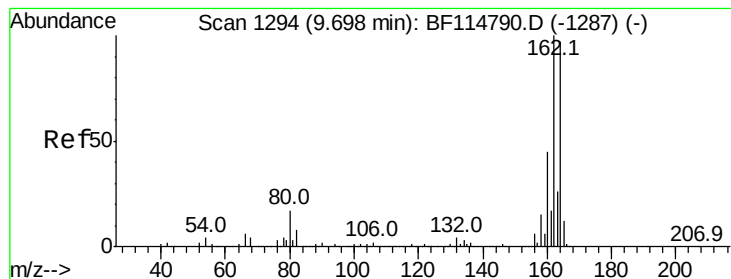
#38
1-Methylnaphthalene
Concen: 39.722 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:142 Resp: 2415985
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6
116 3.9 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

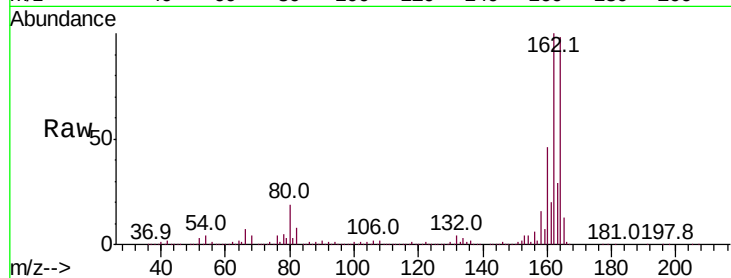
Instrument :

BNA_F

ClientSampled :

Tot Ion:164 Resp: 1054220

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.3	123.5
160	47.1	36.7	55.1

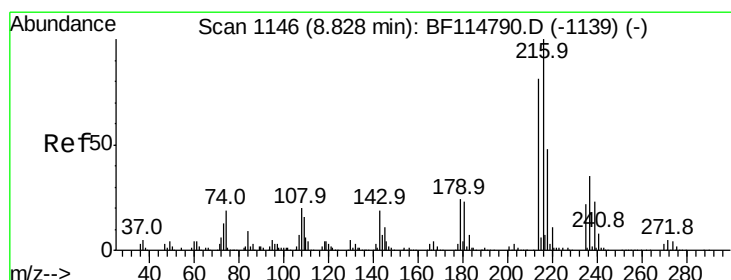
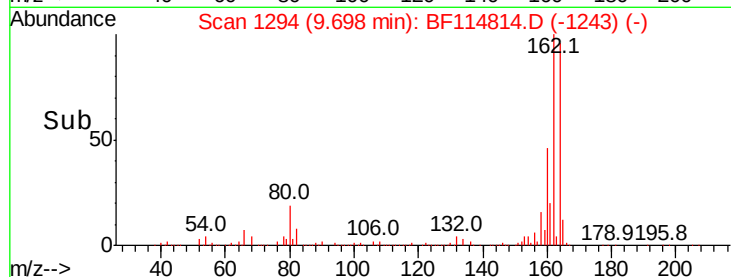
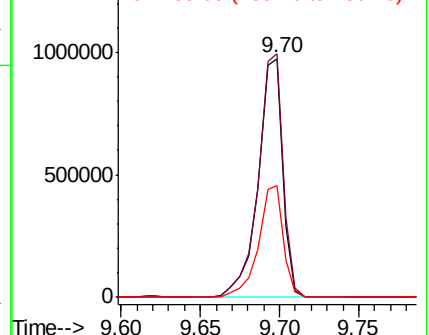


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.611 ng

RT: 8.83 min Scan# 1146

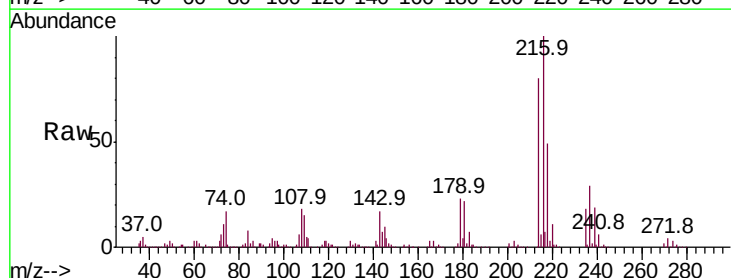
Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:216 Resp: 1081903

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.5	18.3	27.5
108	20.6	15.5	23.3



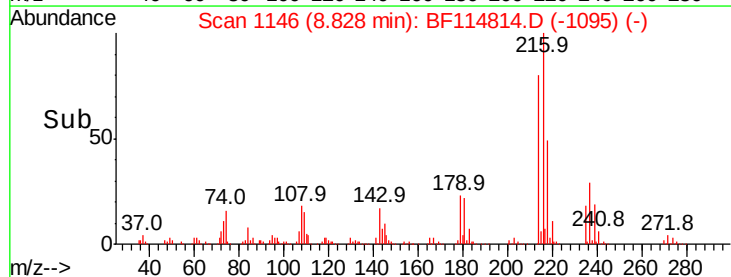
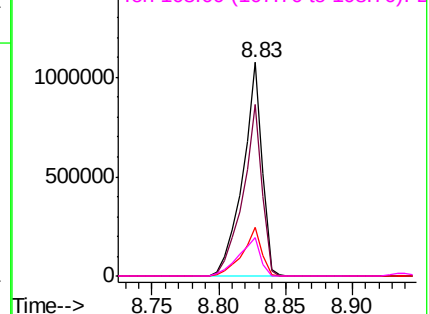
Abundance

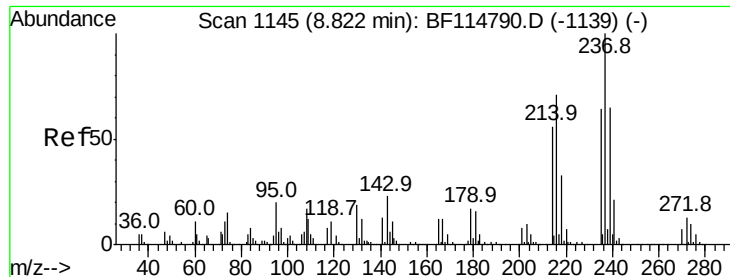
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.684 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

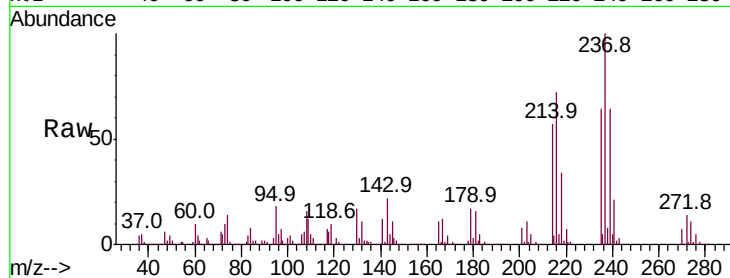
Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

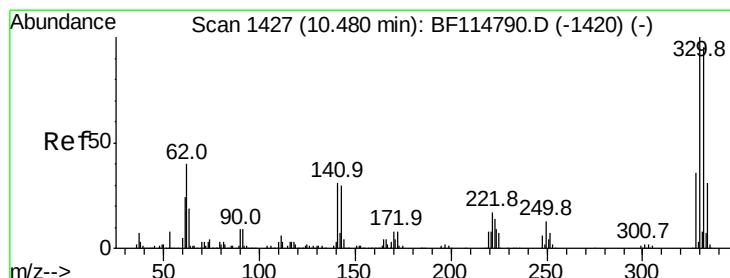
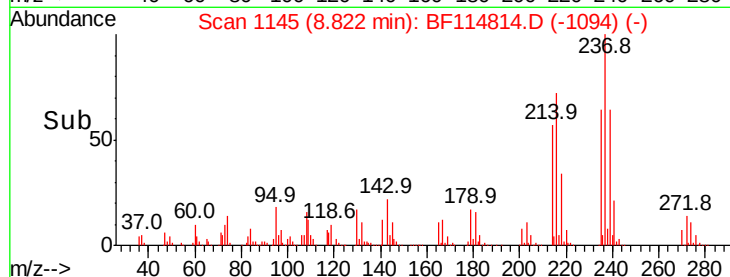
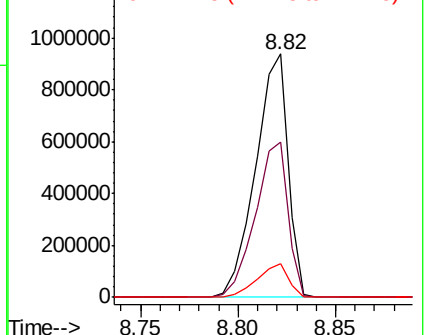
Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 1081297

Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.0	84.0
272	13.9	0.0	33.4



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



#42

2,4,6-Tribromophenol

Concen: 106.180 ng

RT: 10.48 min Scan# 1427

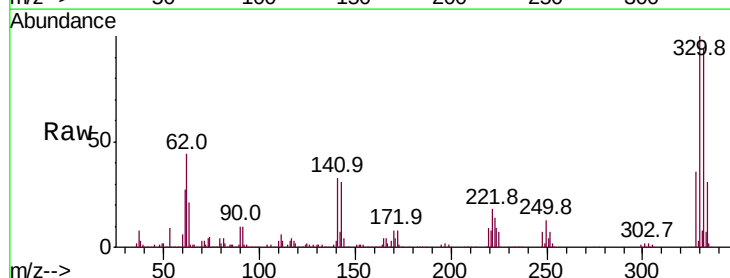
Delta R.T. 0.00 min

Lab File: BF114814.D

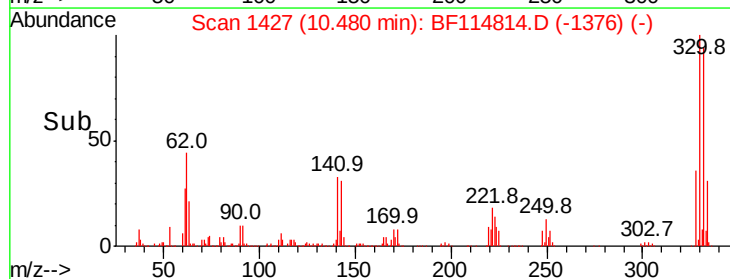
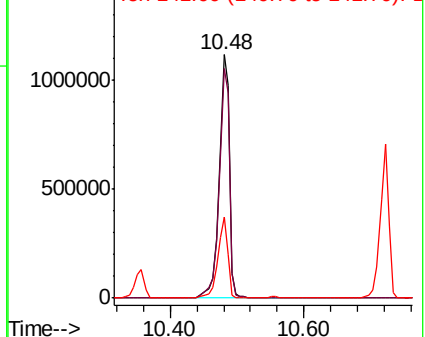
Acq: 5 Jun 2019 12:12

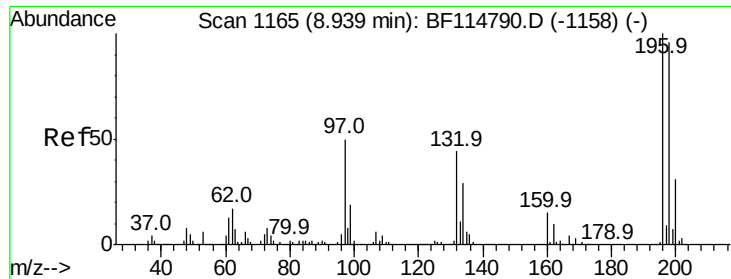
Tgt Ion:330 Resp: 1206297

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	32.3	26.2	39.4



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

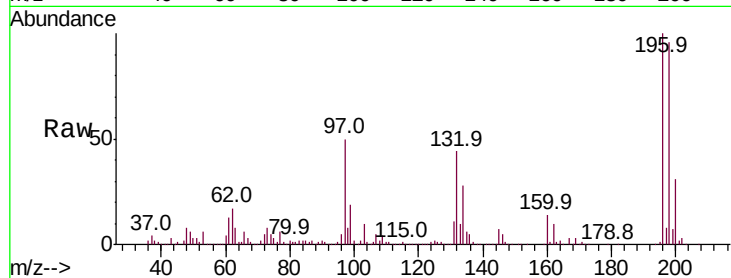




#43
 2,4,6-Trichlorophenol
 Concen: 38.429 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.1	115.7
200	31.0	24.6	36.8

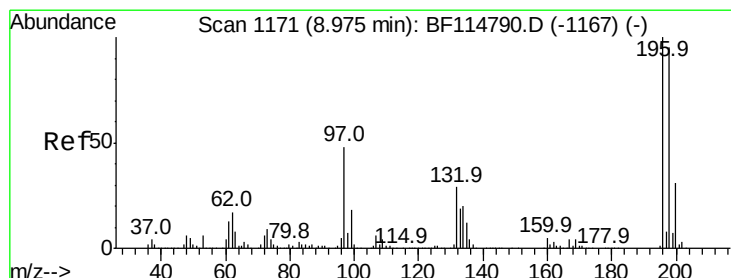
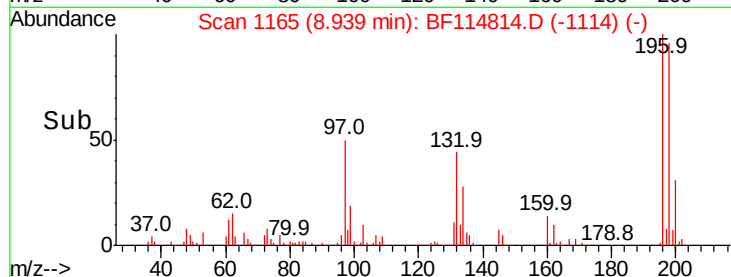
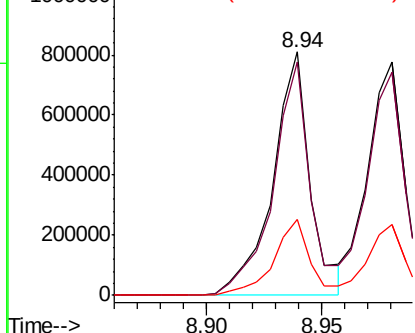


Abundance

Ion 196.00 (195.70 to 196.70): E

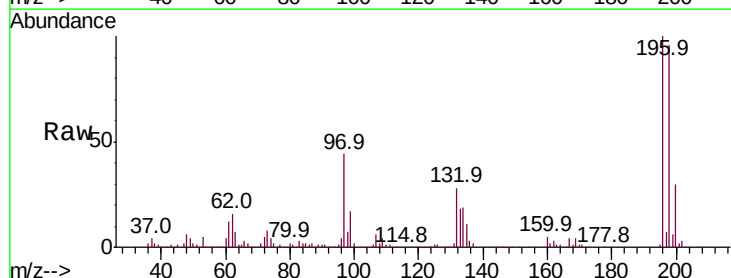
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.107 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
97	44.5	38.2	57.4
132	27.9	23.7	35.5



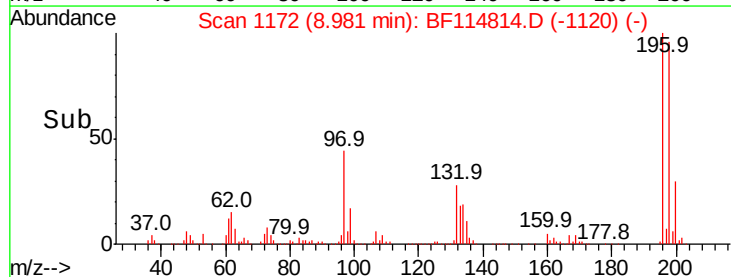
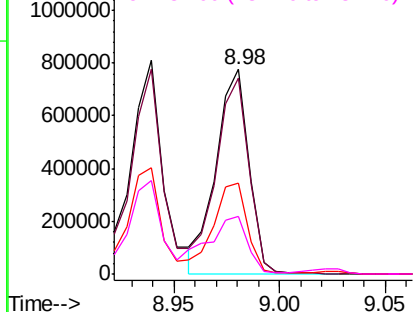
Abundance

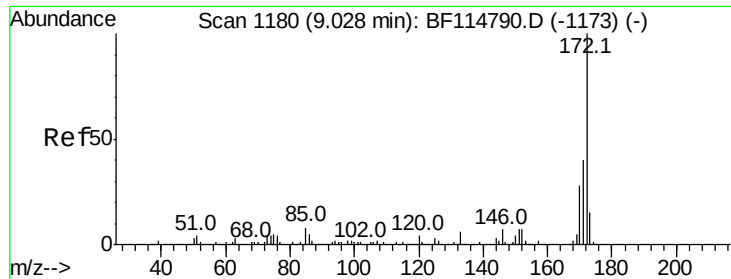
Ion 196.00 (195.70 to 196.70): E

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

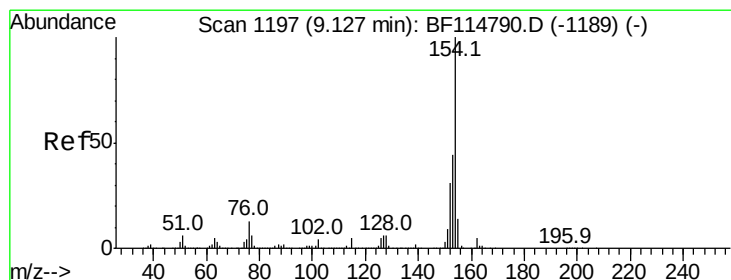
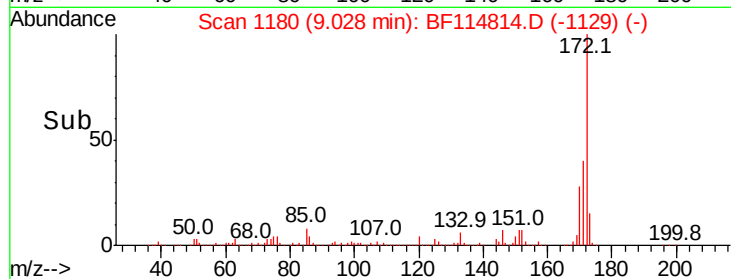
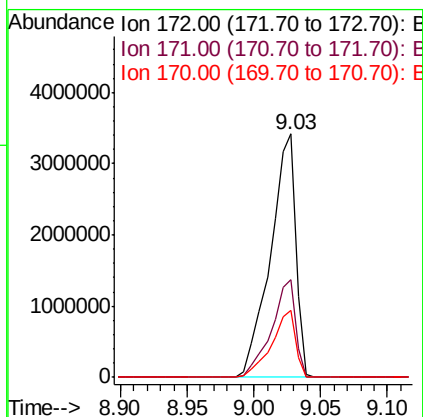
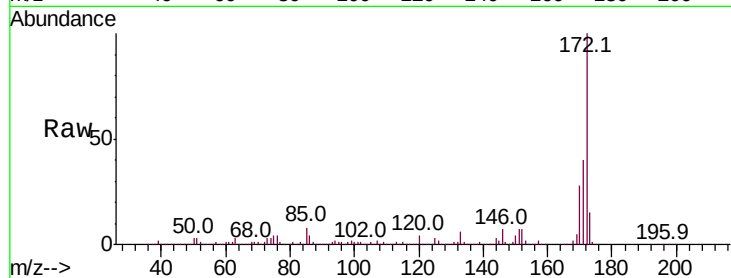




#45
2-Fluorobiphenyl
Concen: 80.916 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

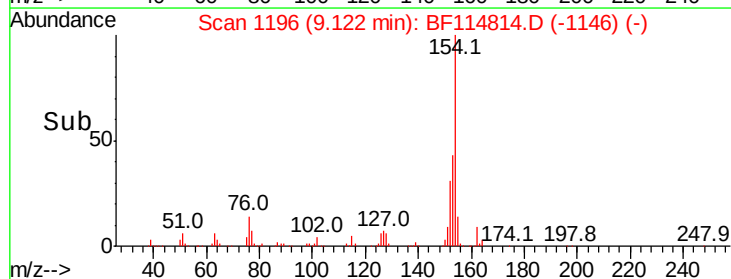
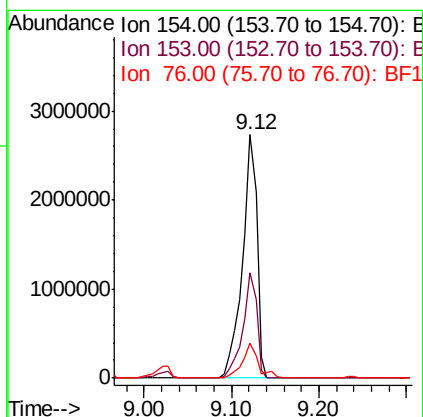
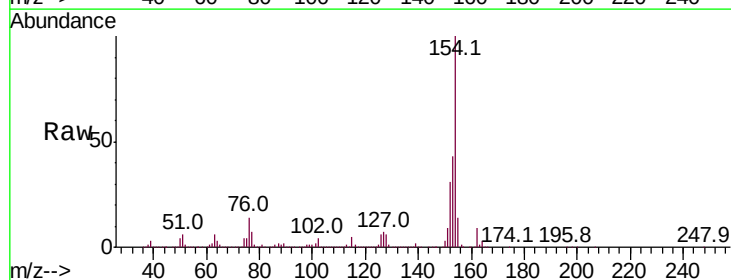
Instrument :
BNA_F
ClientSampleId :

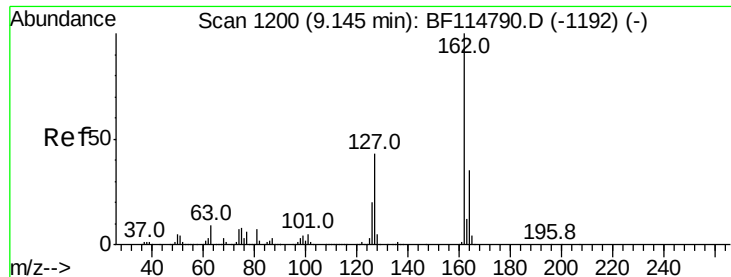
Tot Ion:172 Resp: 4553706
Ion Ratio Lower Upper
172 100
171 40.0 32.3 48.5
170 27.7 22.4 33.6



#46
1,1'-Biphenyl
Concen: 38.090 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:154 Resp: 2976105
Ion Ratio Lower Upper
154 100
153 43.4 23.9 63.9
76 14.5 0.0 33.2

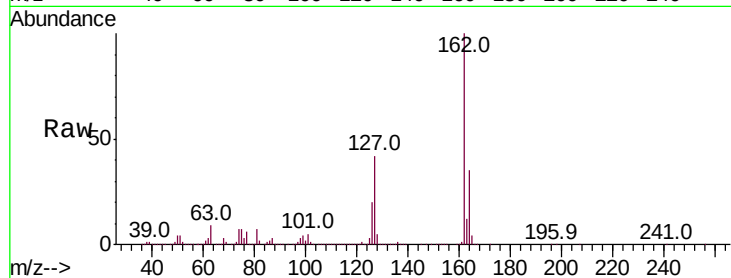




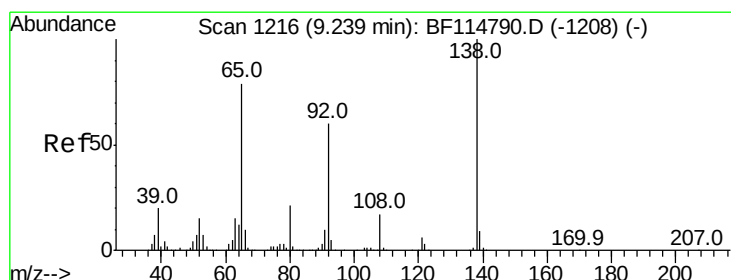
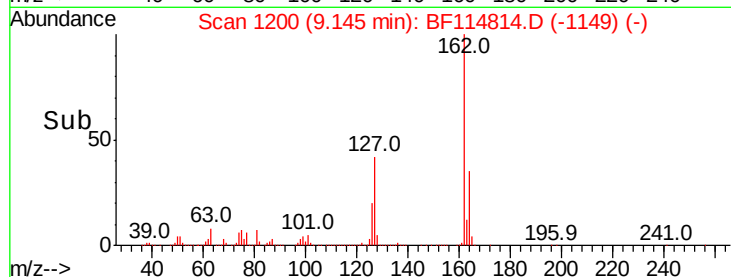
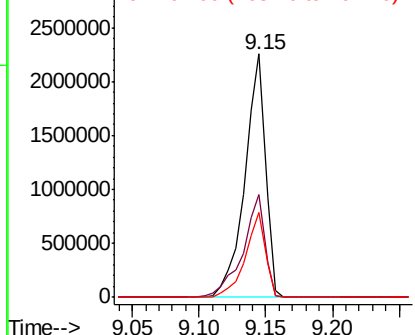
#47
2-Chloronaphthalene
Concen: 35.998 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 2390000
Ion Ratio Lower Upper
162 100
127 42.1 34.6 51.8
164 35.1 27.8 41.8

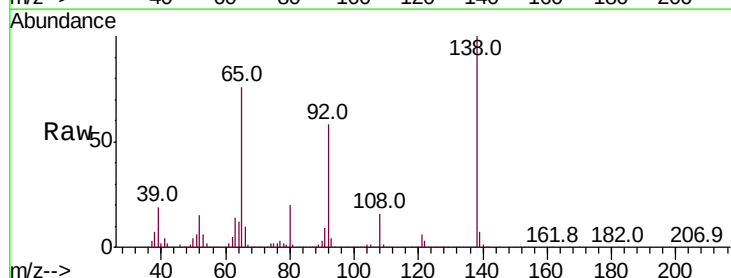


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

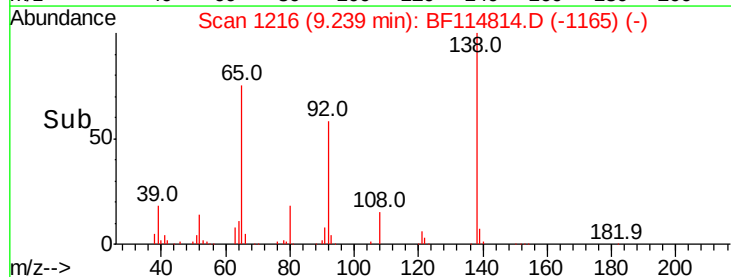
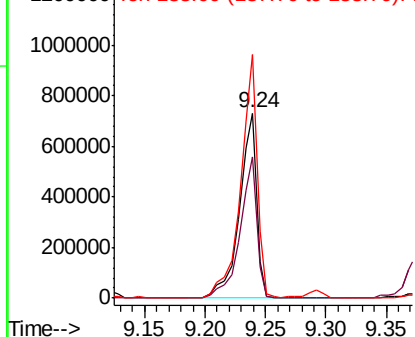


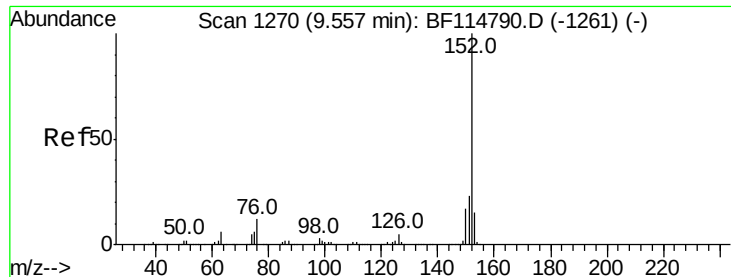
#48
2-Nitroaniline
Concen: 36.812 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion: 65 Resp: 729354
Ion Ratio Lower Upper
65 100
92 76.2 60.4 90.6
138 131.7 101.2 151.8



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





#49

Acenaphthylene

Concen: 37.871 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

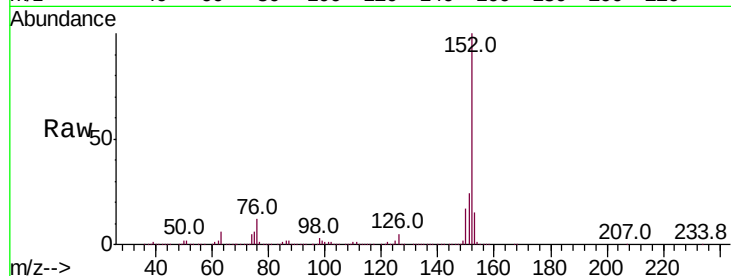
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3646195

Ion	Ratio	Lower	Upper
152	100		
151	23.7	18.3	27.5
153	15.4	12.3	18.5

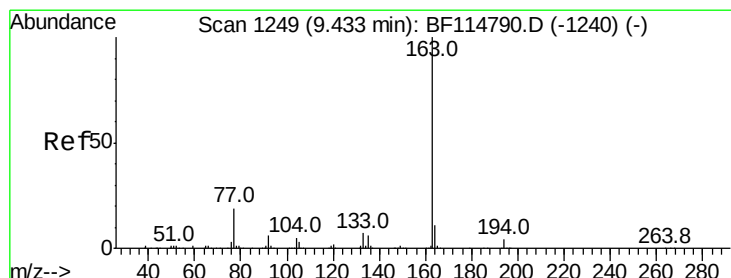
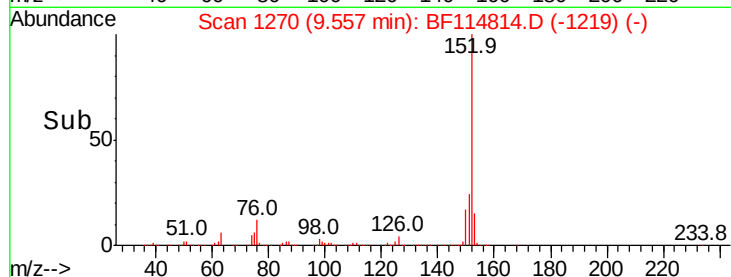
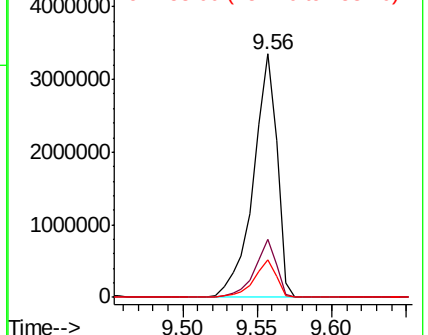


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.270 ng

RT: 9.43 min Scan# 1248

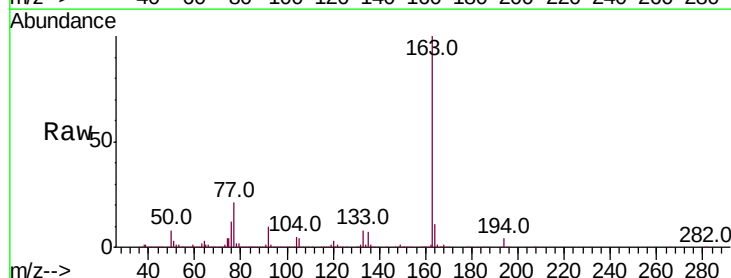
Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:163 Resp: 2869632

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	11.5	8.6	13.0

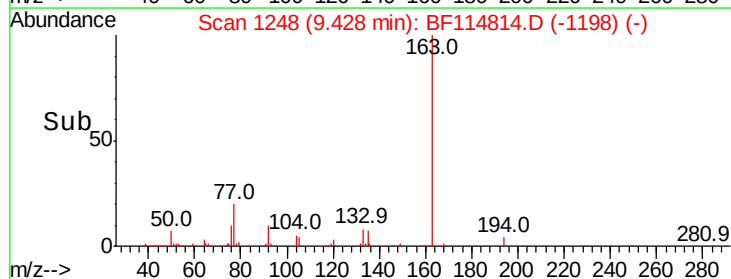
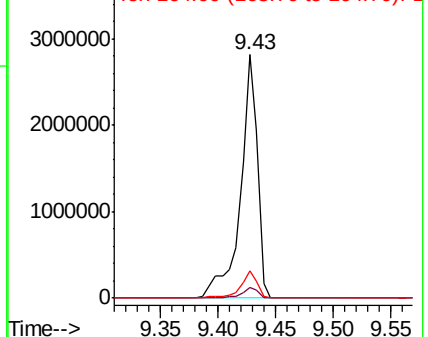


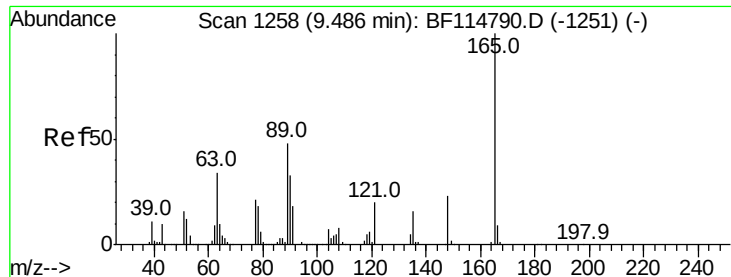
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

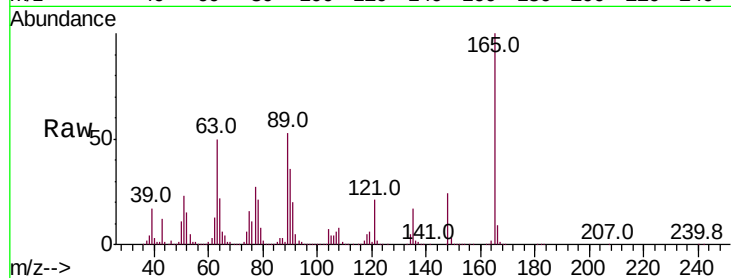




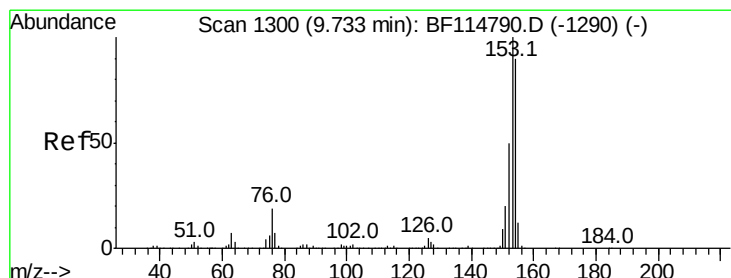
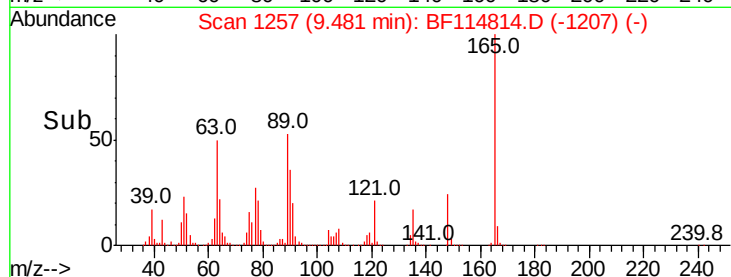
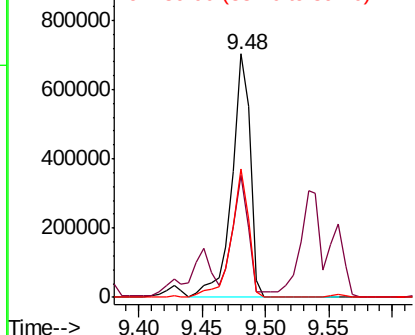
#51
 2,6-Dinitrotoluene
 Concen: 38.424 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 695777
 Ion Ratio Lower Upper
 165 100
 63 50.0 35.1 52.7
 89 52.9 38.2 57.2

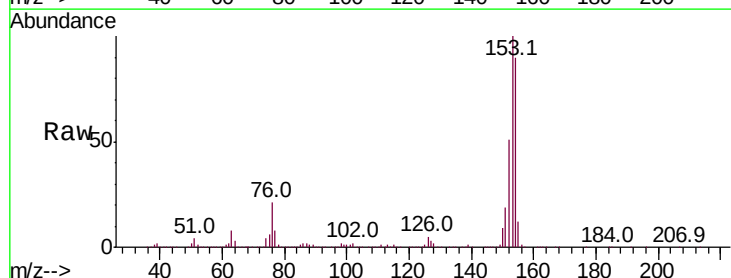


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

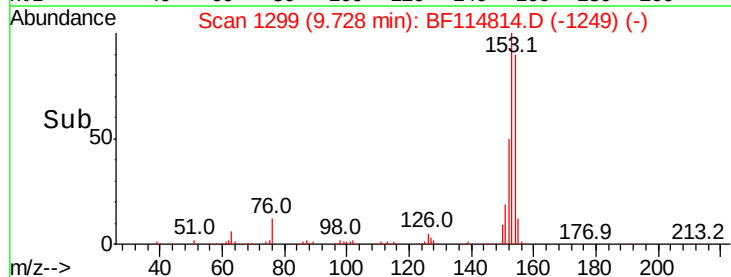
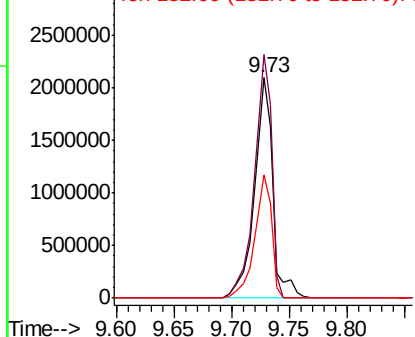


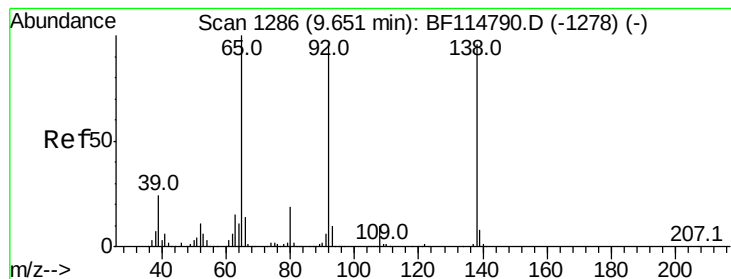
#52
 Acenaphthene
 Concen: 36.639 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion:154 Resp: 2310777
 Ion Ratio Lower Upper
 154 100
 153 110.6 88.5 132.7
 152 56.0 44.1 66.1



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





#53

3-Nitroaniline

Concen: 14.721 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

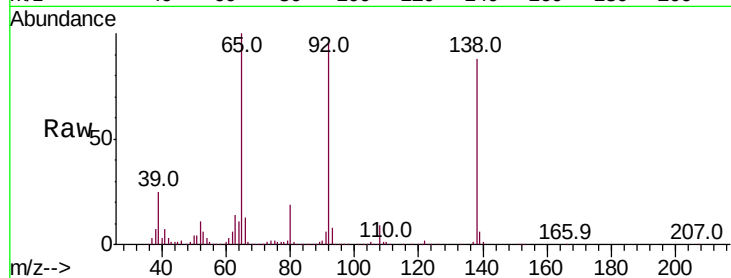
Tot Ion:138 Resp: 311410

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

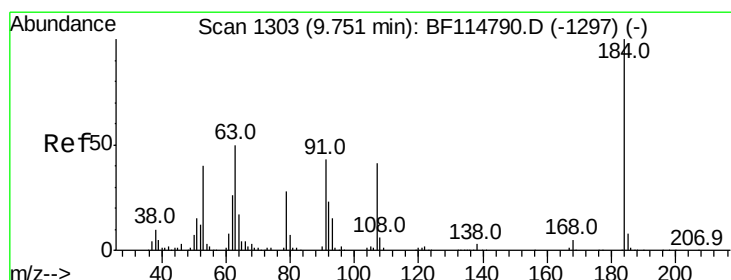
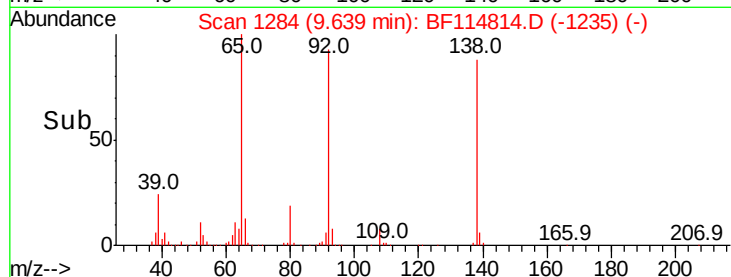
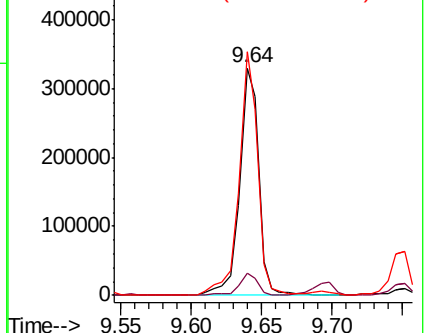
92 107.2 79.9 119.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 32.739 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

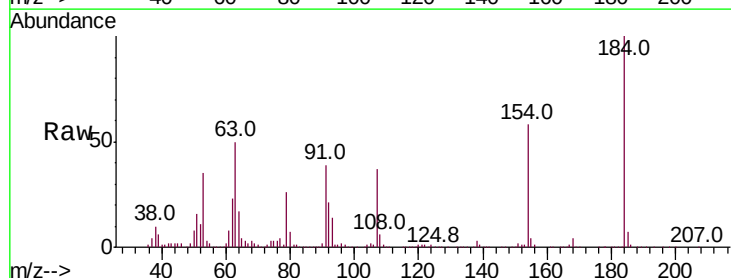
Tgt Ion:184 Resp: 268262

Ion Ratio Lower Upper

184 100

63 49.6 44.1 66.1

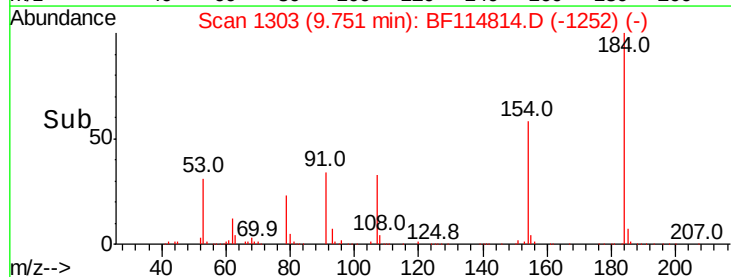
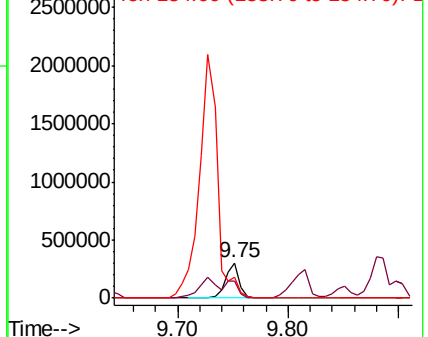
154 58.1 48.1 72.1

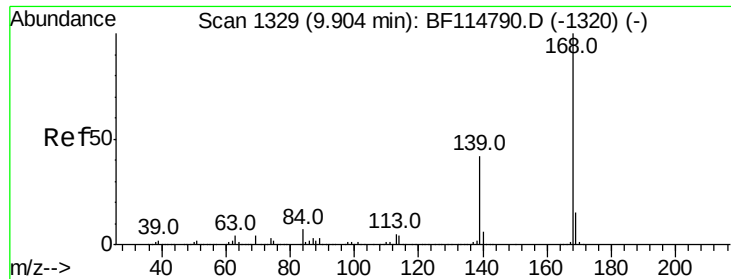


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

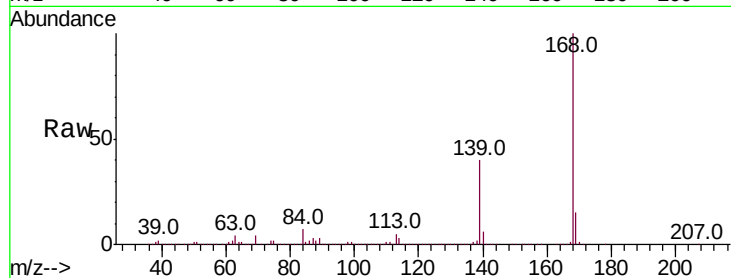




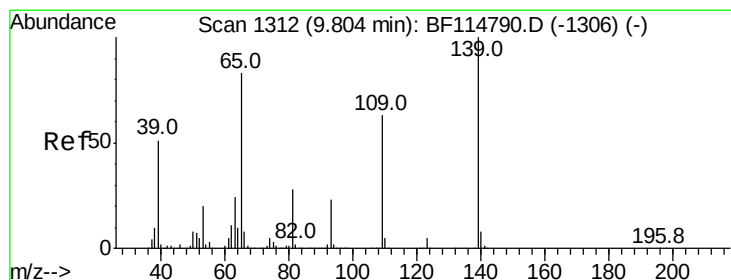
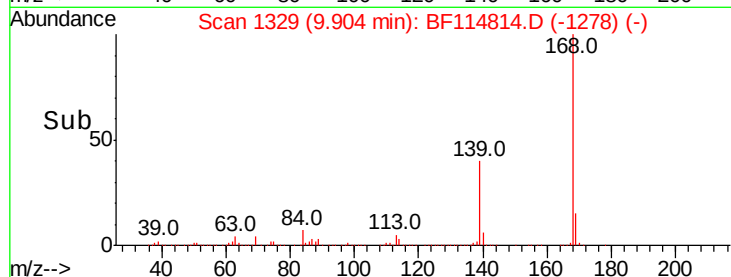
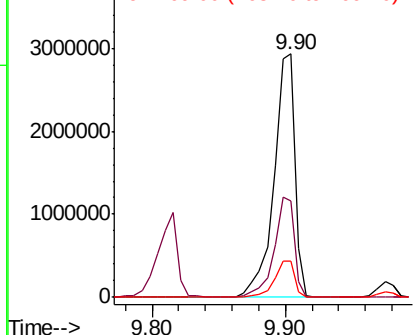
#55
Dibenzofuran
Concen: 36.981 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 3243273
Ion Ratio Lower Upper
168 100
139 39.8 33.8 50.6
169 14.7 11.9 17.9

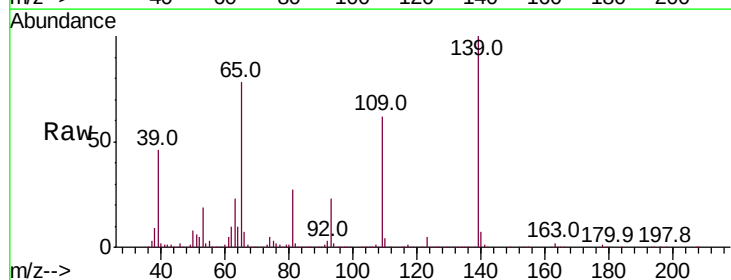


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

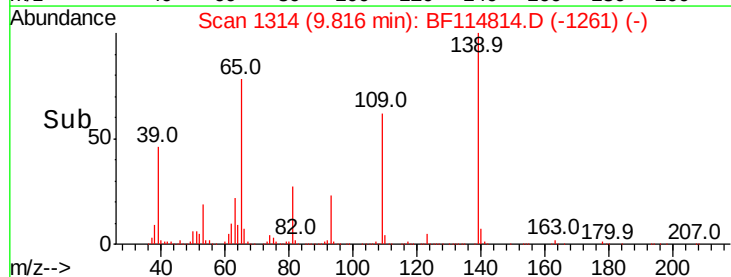
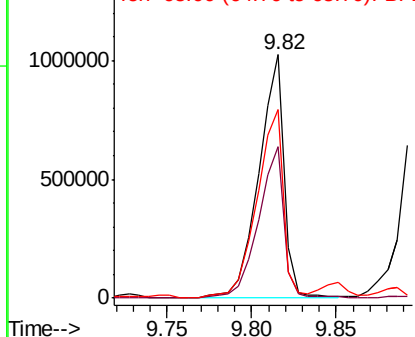


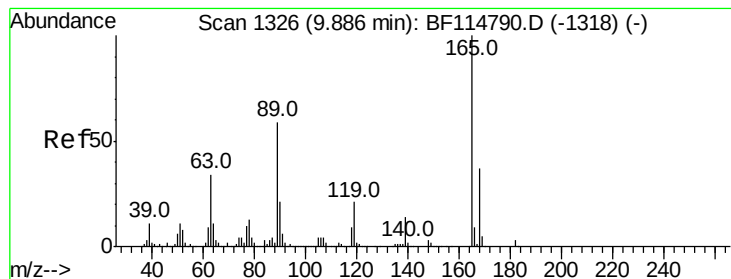
#56
4-Nitrophenol
Concen: 68.599 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:139 Resp: 1063306
Ion Ratio Lower Upper
139 100
109 62.1 43.5 83.5
65 77.7 63.2 103.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.489 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 921682

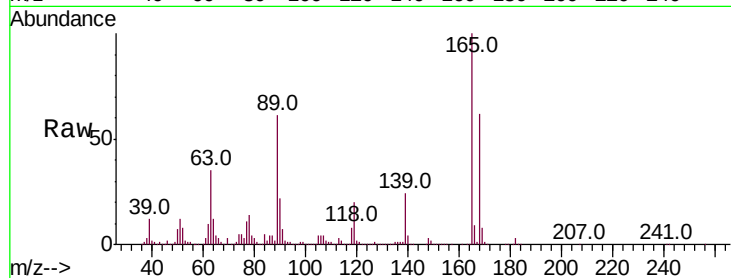
Ion Ratio Lower Upper

165 100

63 35.2 27.0 40.4

89 60.8 47.0 70.6

182 2.8 2.2 3.2

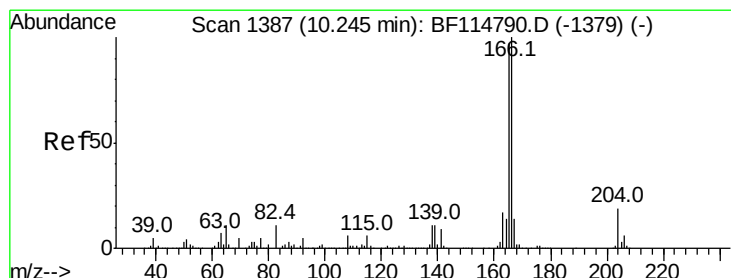
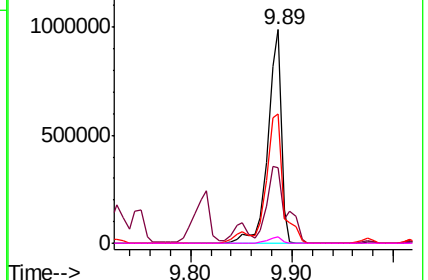
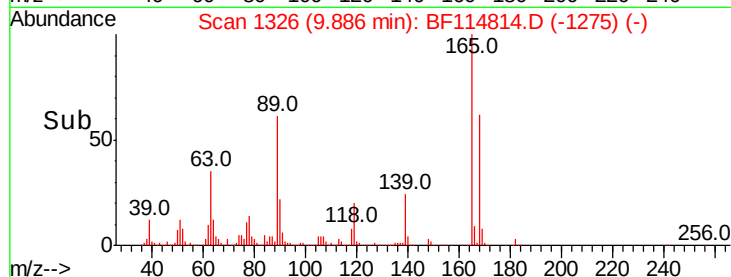


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.443 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

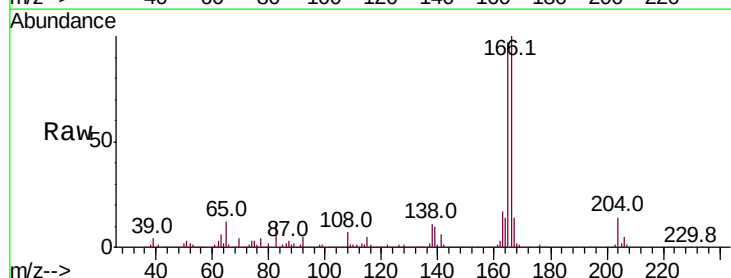
Tgt Ion:166 Resp: 2325629

Ion Ratio Lower Upper

166 100

165 97.3 77.9 116.9

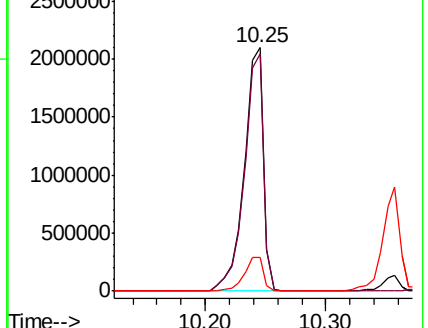
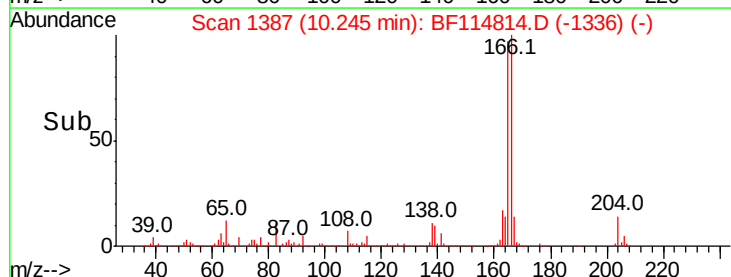
167 13.8 11.3 16.9

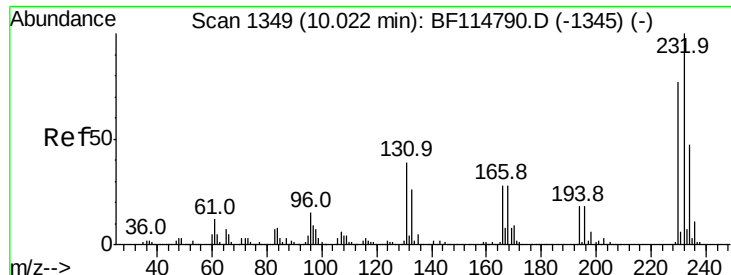


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

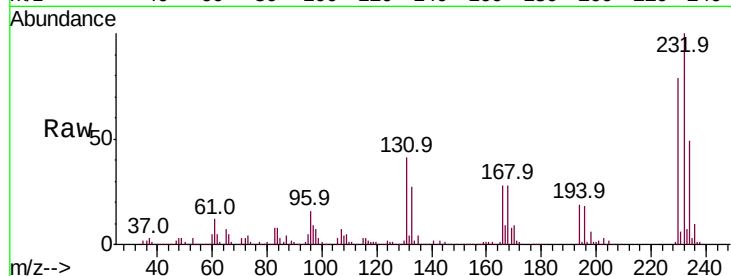




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.864 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.8	55.2
130	2.3	1.8	2.6
166	30.6	24.6	37.0



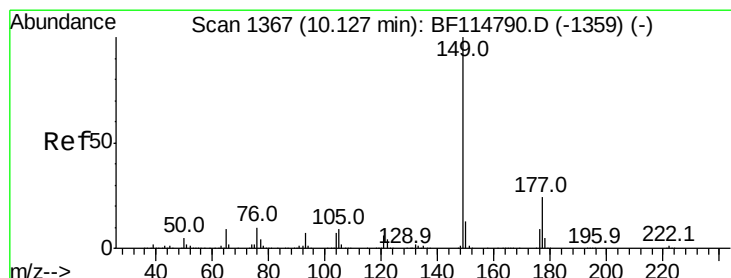
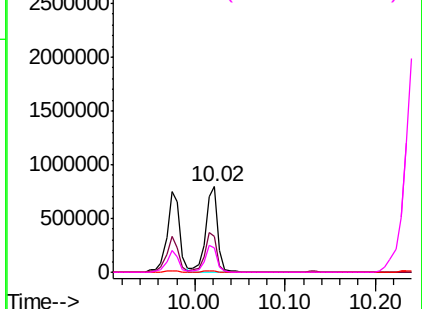
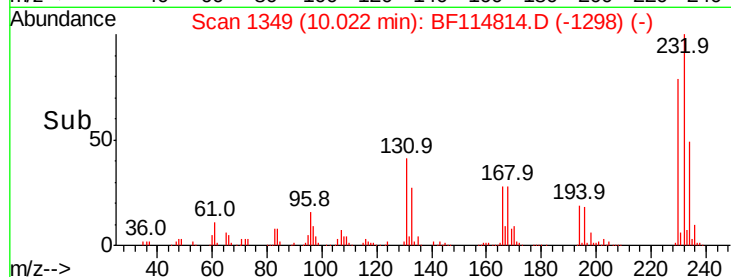
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

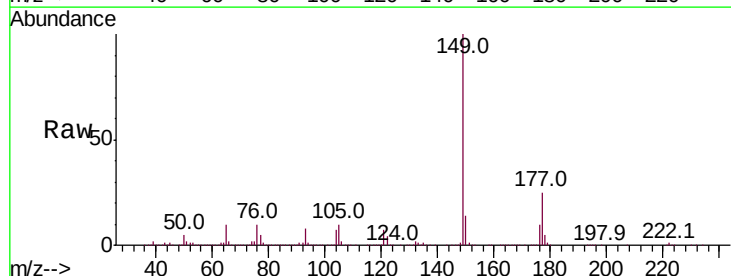
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.362 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.3	28.9
150	14.0	10.7	16.1

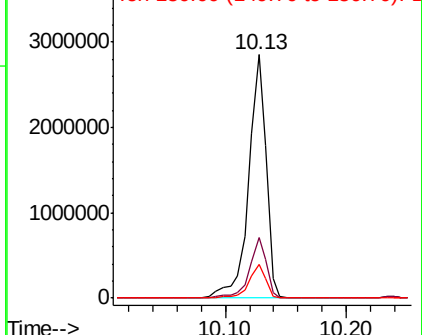
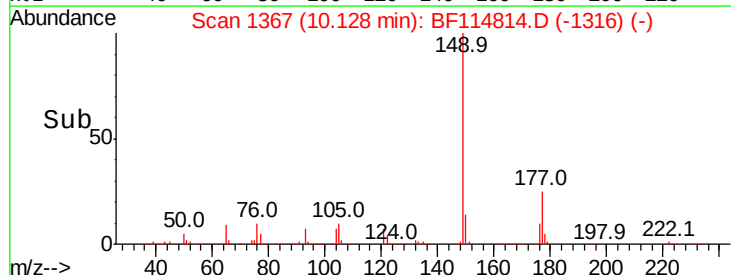


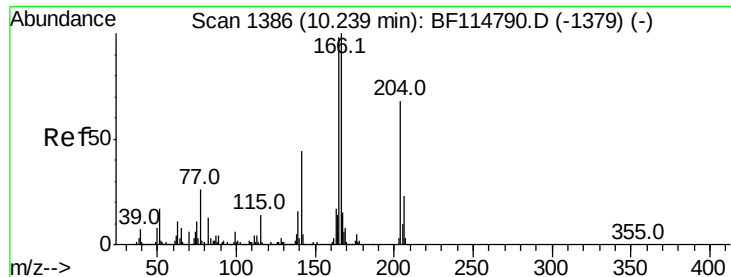
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

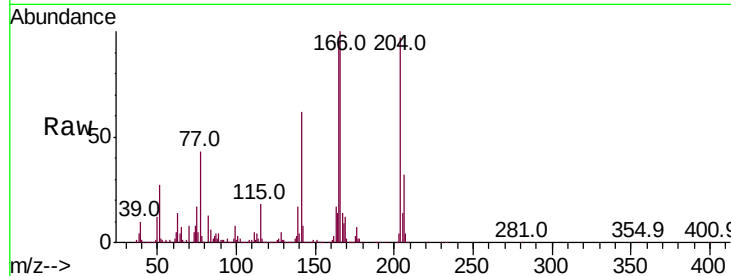




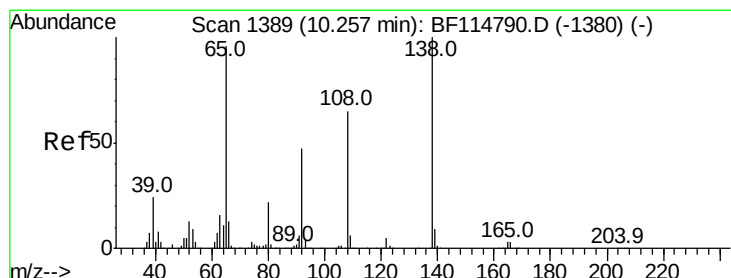
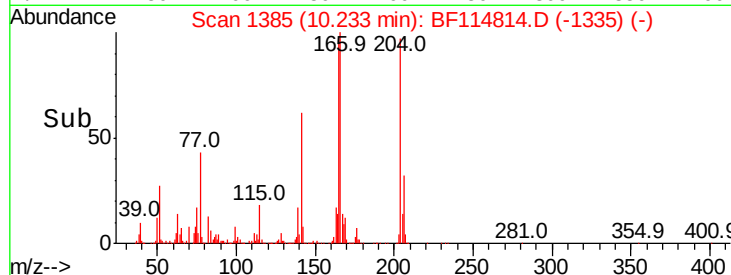
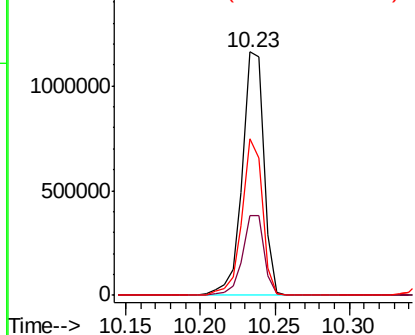
#61
4-Chlorophenyl-phenylether
Concen: 34.834 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1170071
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.4 51.0 76.4

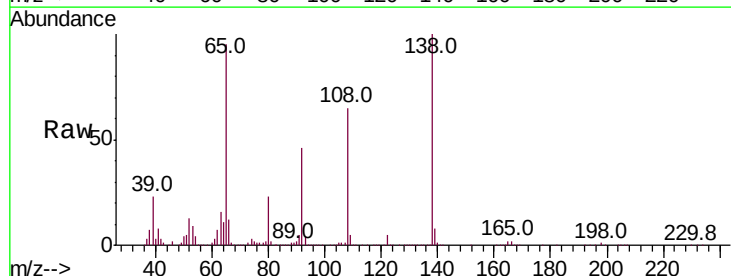


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

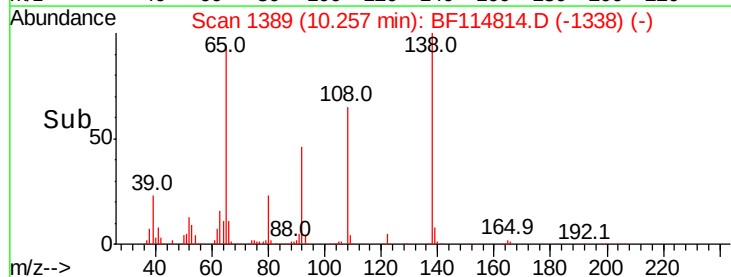
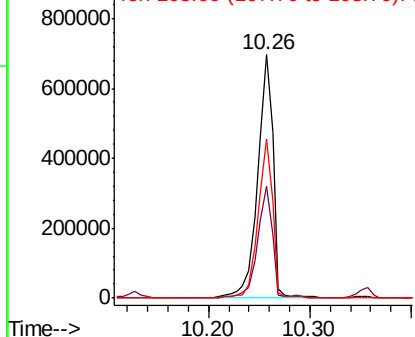


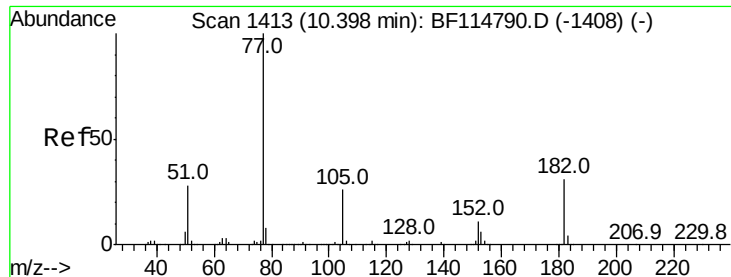
#62
4-Nitroaniline
Concen: 35.665 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:138 Resp: 731738
Ion Ratio Lower Upper
138 100
92 45.8 26.5 66.5
108 65.1 45.4 85.4



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





#63

Azobenzene

Concen: 38.778 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2550295

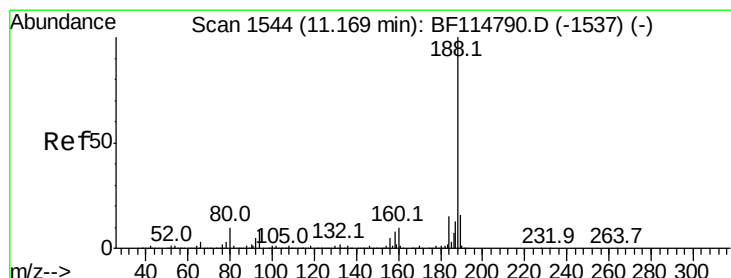
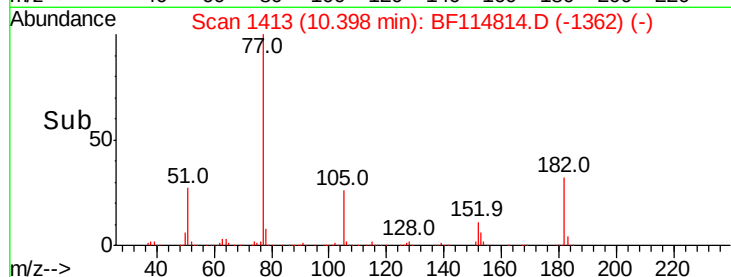
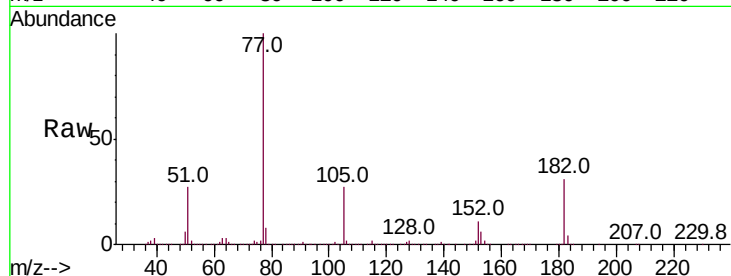
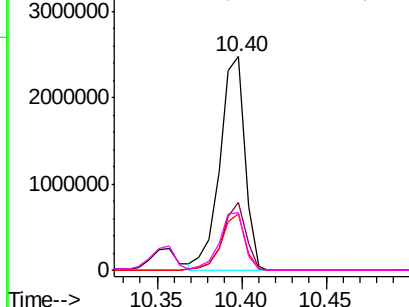
Ion	Ratio	Lower	Upper
77	100		
182	31.5	11.2	51.2
105	26.5	5.7	45.7
51	27.1	8.0	48.0

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: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

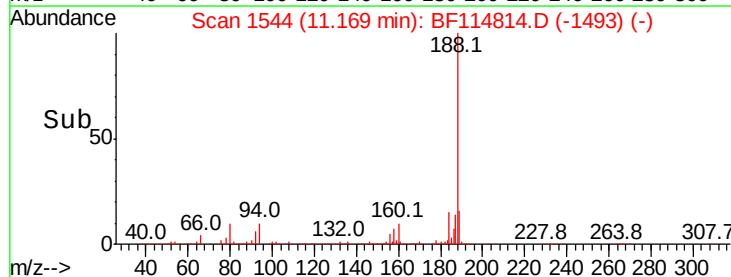
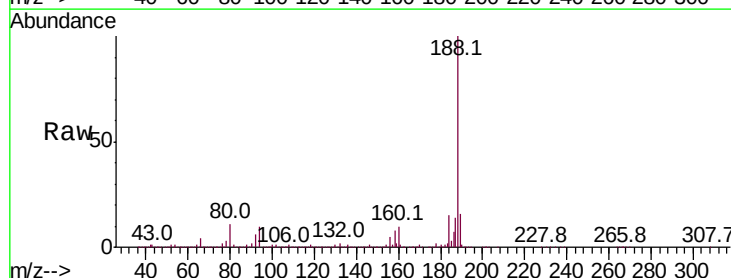
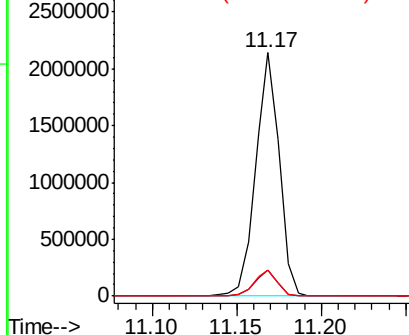
Tgt Ion: 188 Resp: 2078490

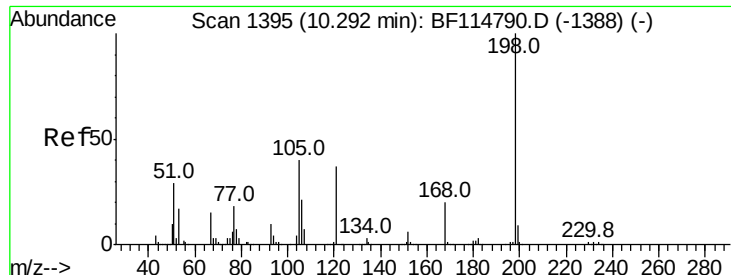
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.6	11.4
80	10.5	8.3	12.5

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: 23.977 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

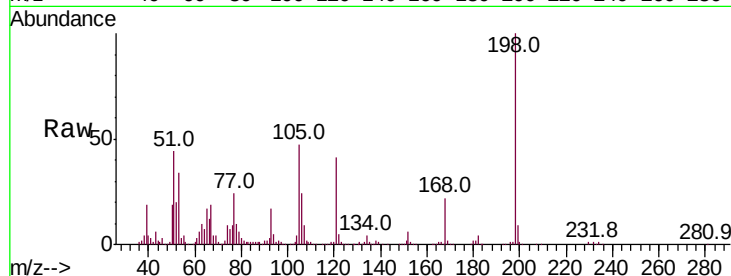
Tot Ion:198 Resp: 258879

Ion Ratio Lower Upper

198 100

51 44.2 14.9 54.9

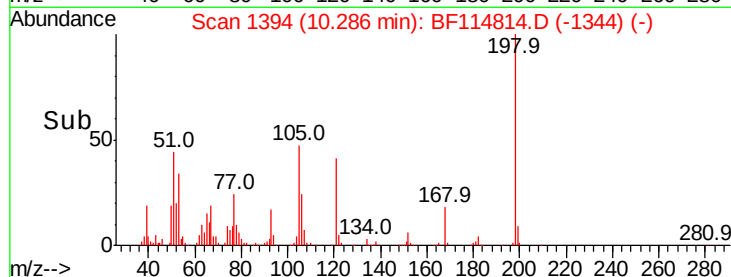
105 46.7 21.0 61.0



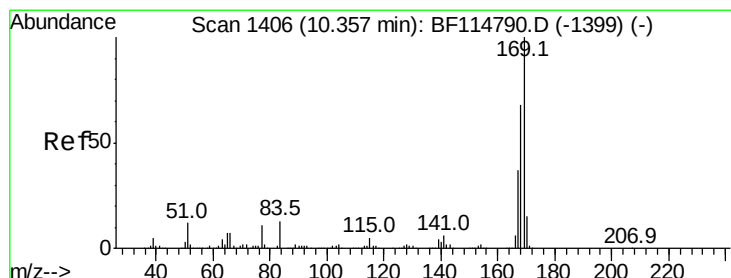
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 37.429 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

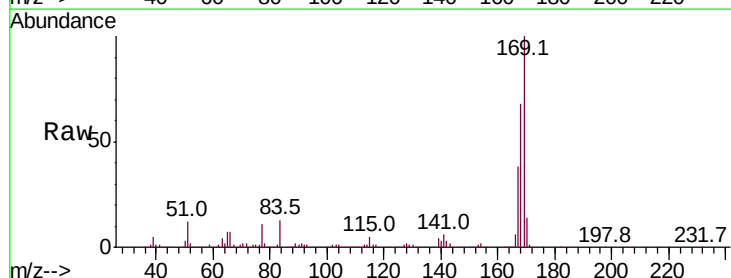
Tgt Ion:169 Resp: 2352392

Ion Ratio Lower Upper

169 100

168 67.8 54.3 81.5

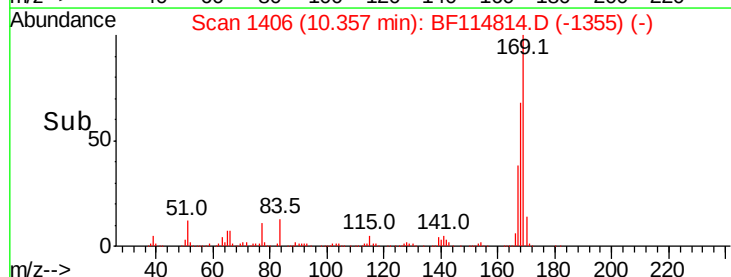
167 38.1 29.9 44.9



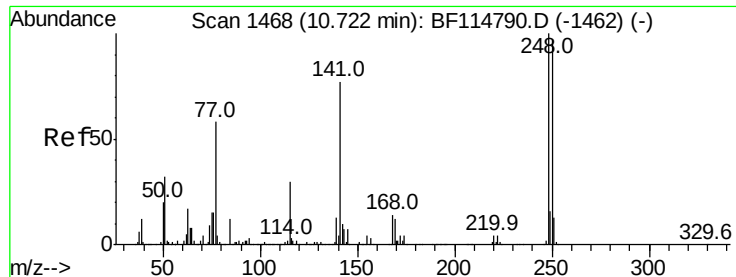
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



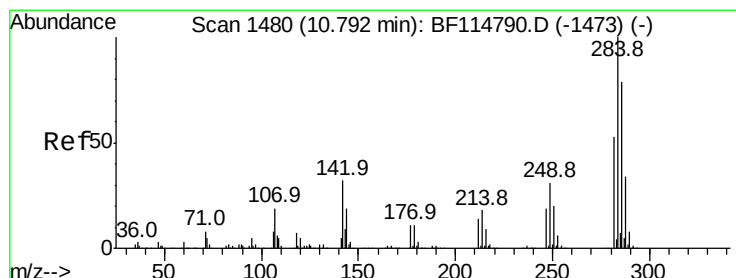
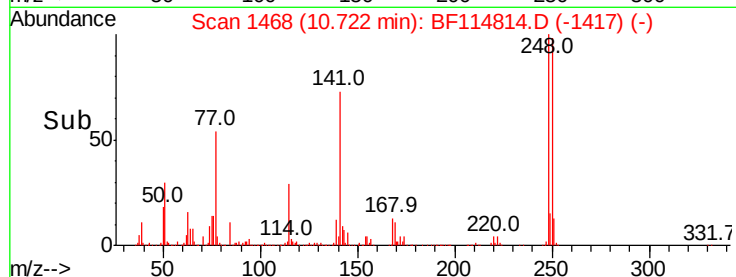
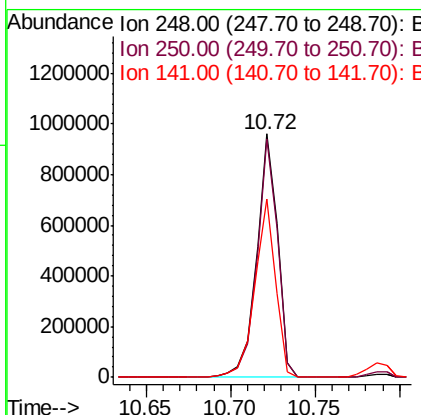
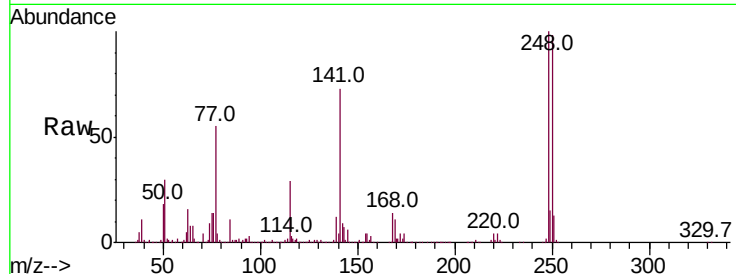
Time-->



#67
4-Bromophenyl-phenylether
Concen: 35.289 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

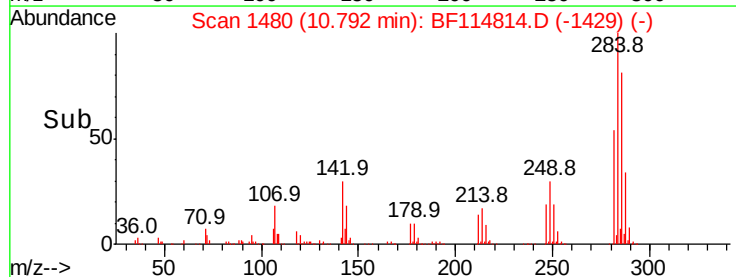
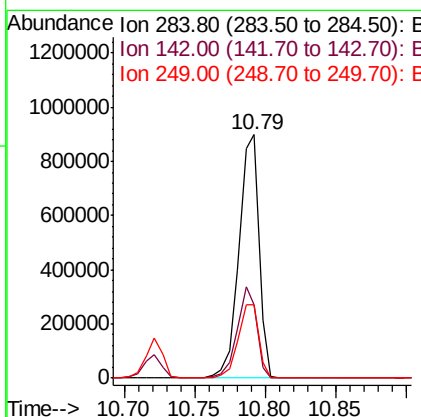
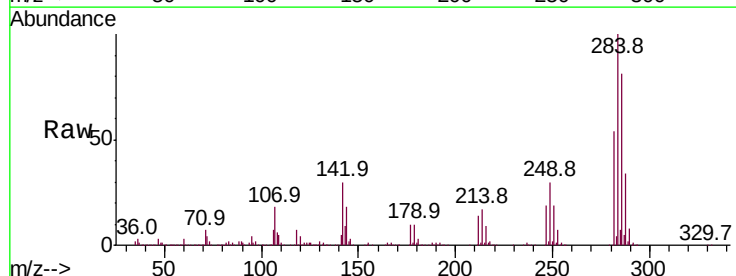
Instrument :
BNA_F
ClientSampleId :

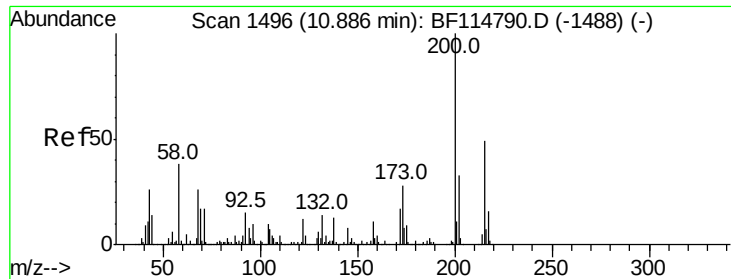
Tot Ion:248 Resp: 833045
Ion Ratio Lower Upper
248 100
250 98.0 77.5 116.3
141 73.1 61.8 92.8



#68
Hexachlorobenzene
Concen: 34.446 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:284 Resp: 889939
Ion Ratio Lower Upper
284 100
142 30.1 25.3 37.9
249 30.1 24.9 37.3

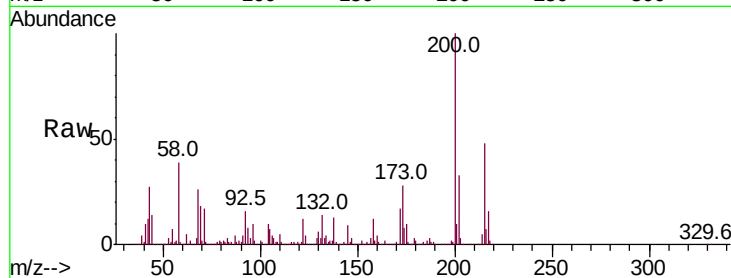




#69
Atrazine
Concen: 36.803 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.0	48.0
215	48.2	28.7	68.7

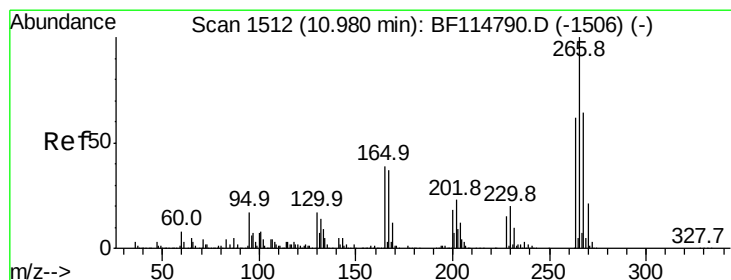
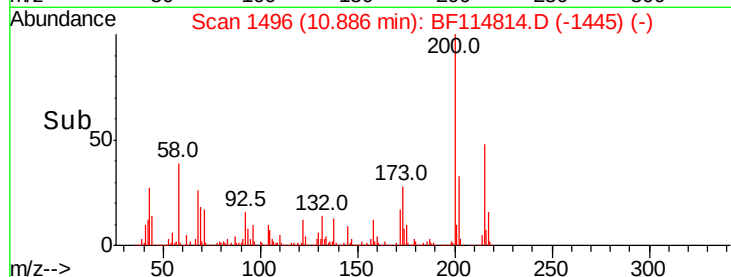
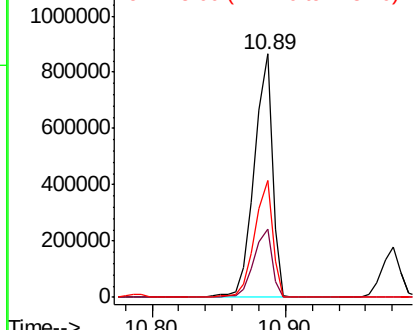


Abundance

Ion 200.00 (199.70 to 200.70): E

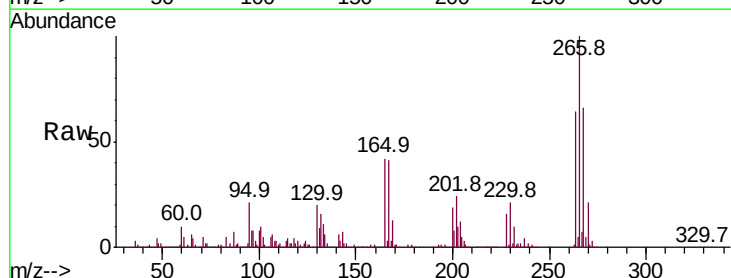
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 62.980 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.0	76.6
264	64.3	49.6	74.4

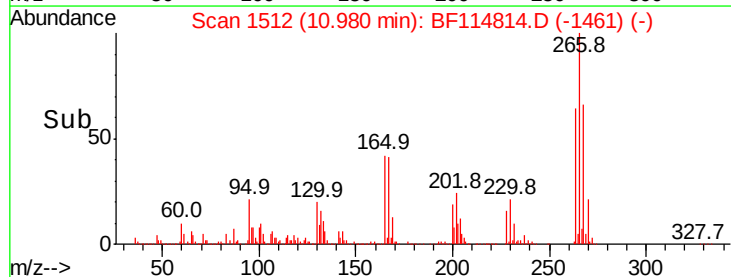
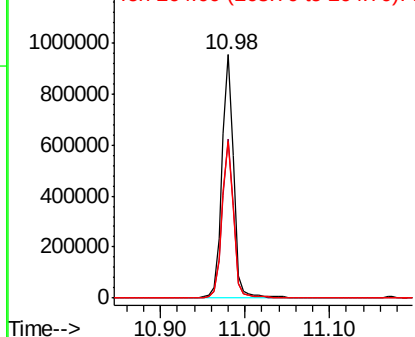


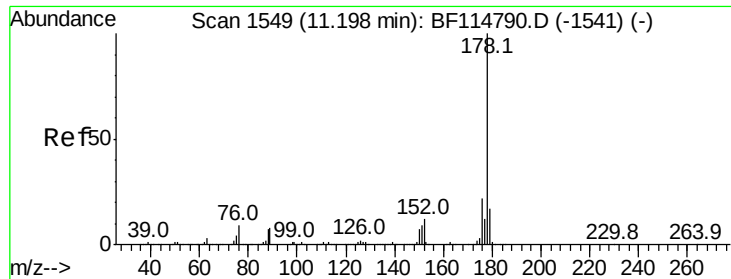
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

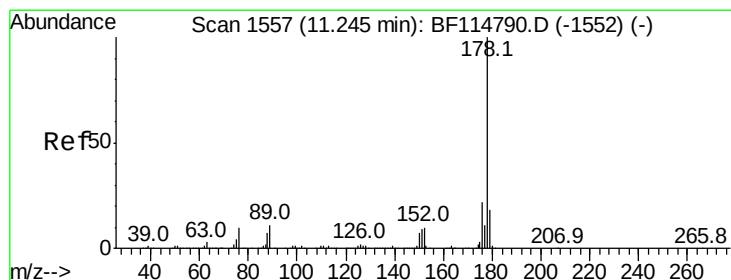
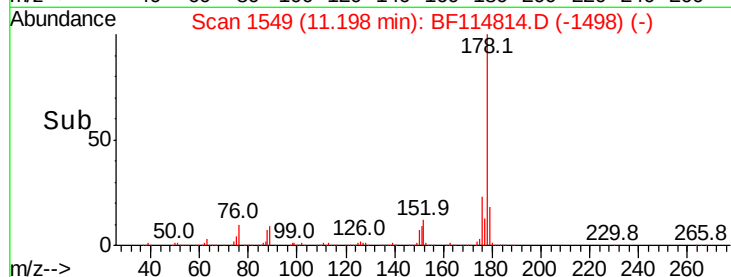
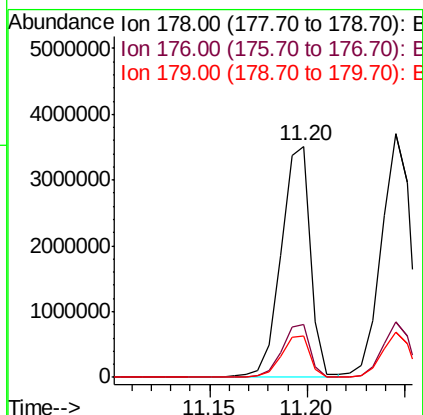
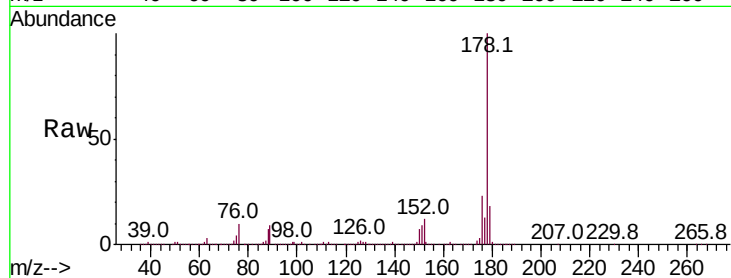




#71
Phenanthrene
Concen: 36.834 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

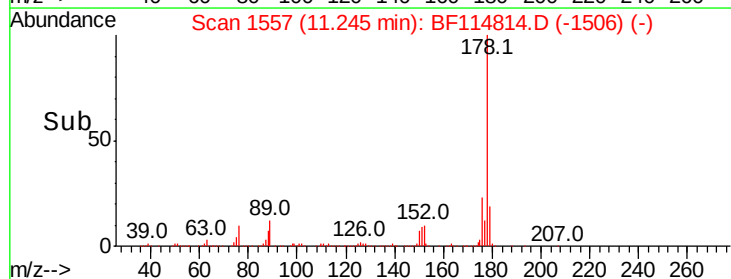
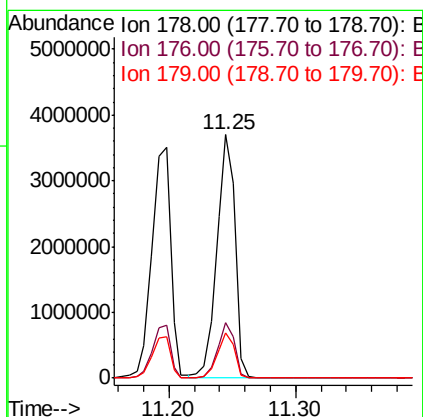
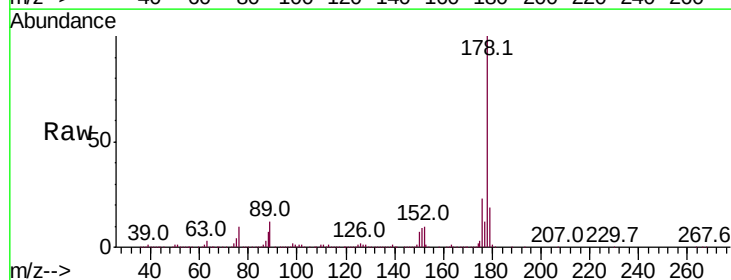
Instrument :
BNA_F
ClientSampled :

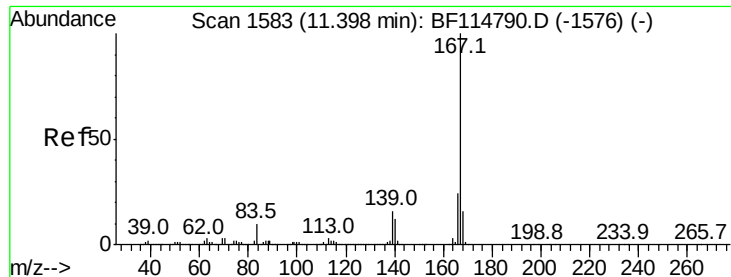
Tot Ion:178 Resp: 3654858
Ion Ratio Lower Upper
178 100
176 23.0 17.7 26.5
179 17.8 13.7 20.5



#72
Anthracene
Concen: 35.867 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:178 Resp: 3745364
Ion Ratio Lower Upper
178 100
176 22.7 17.4 26.0
179 18.6 14.2 21.4



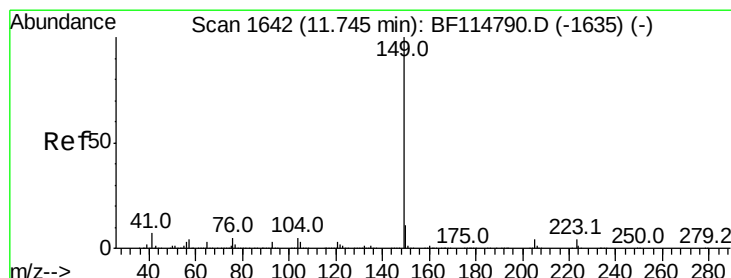
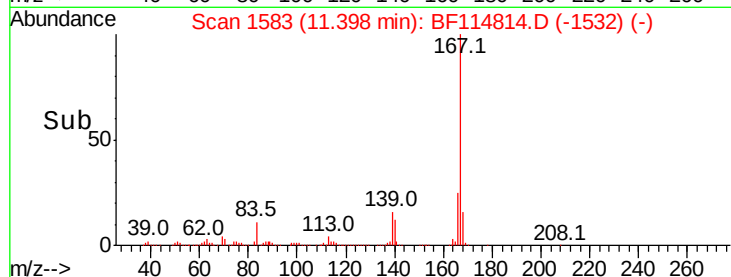
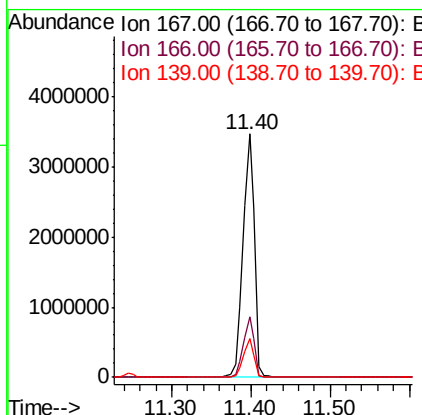
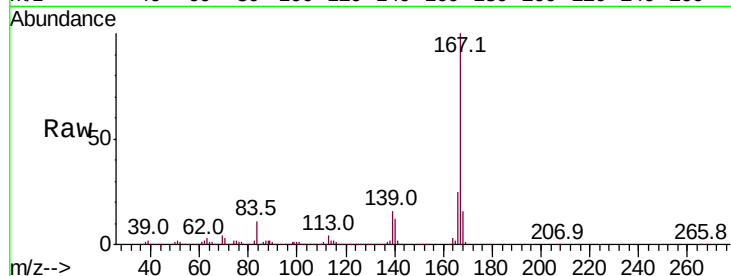


#73
 Carbazole
 Concen: 38.946 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3486345

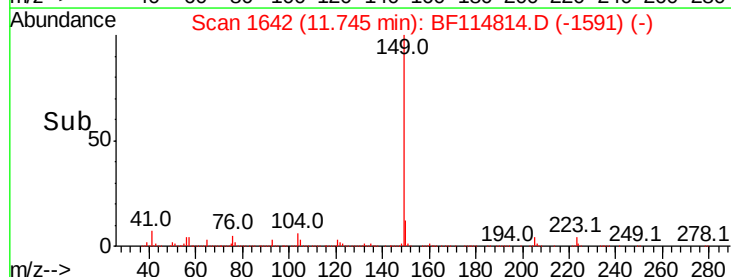
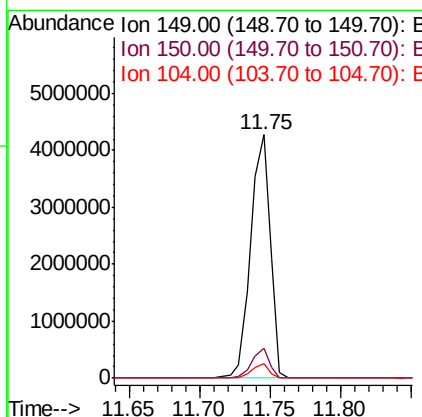
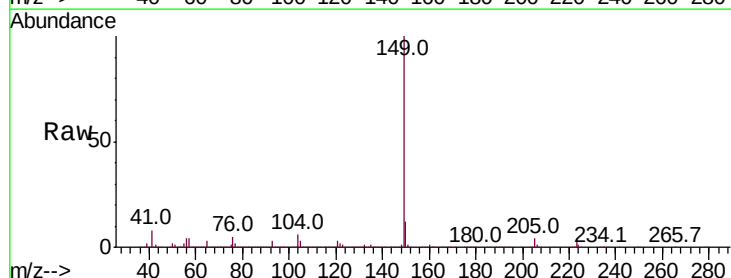
Ion	Ratio	Lower	Upper
167	100		
166	24.8	19.1	28.7
139	15.9	12.4	18.6

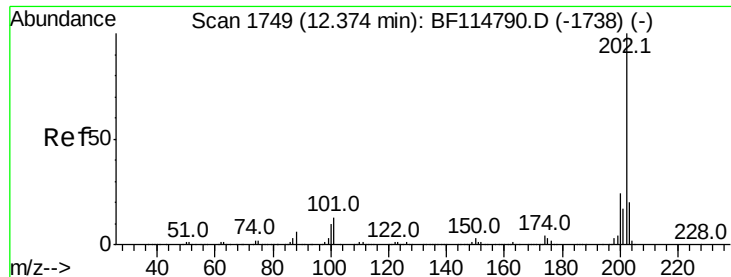


#74
 Di-n-butylphthalate
 Concen: 35.611 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion:149 Resp: 4192776

Ion	Ratio	Lower	Upper
149	100		
150	12.0	8.9	13.3
104	6.0	4.3	6.5





#75

Fluoranthene

Concen: 37.246 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

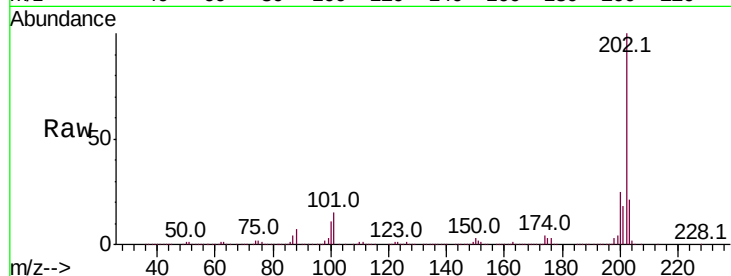
Tot Ion:202 Resp: 3846532

Ion Ratio Lower Upper

202 100

101 14.6 0.0 32.8

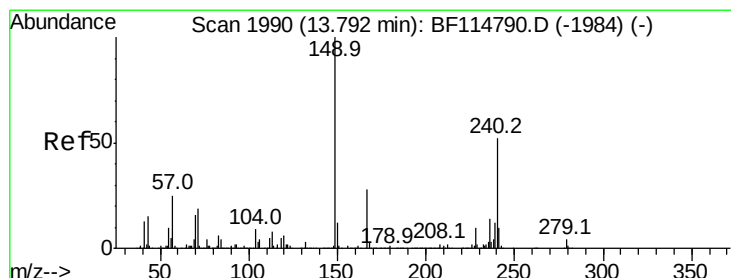
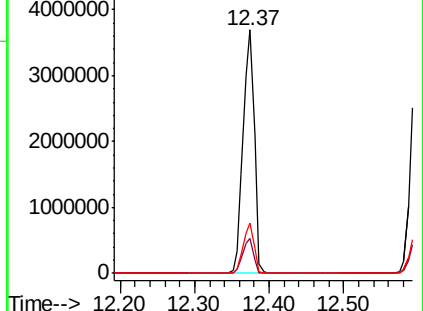
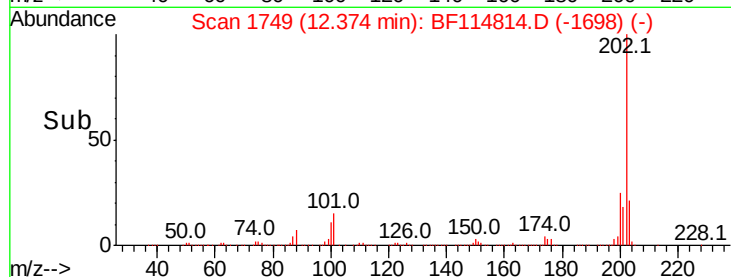
203 20.8 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

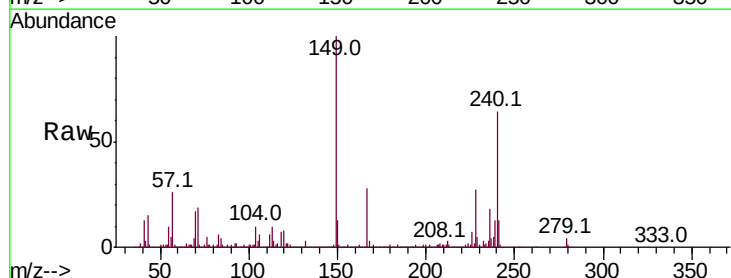
Tgt Ion:240 Resp: 1253700

Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.4

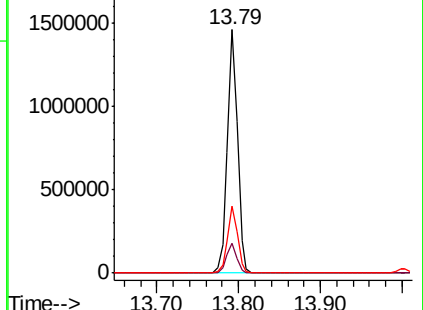
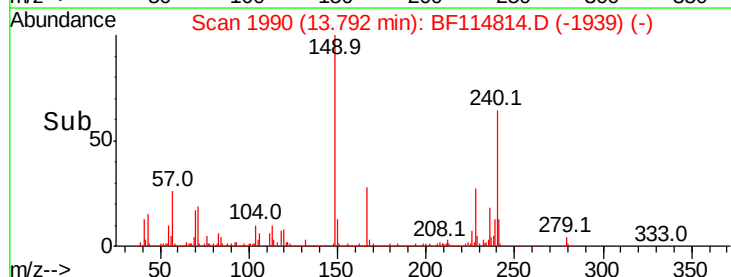
236 27.4 21.4 32.0

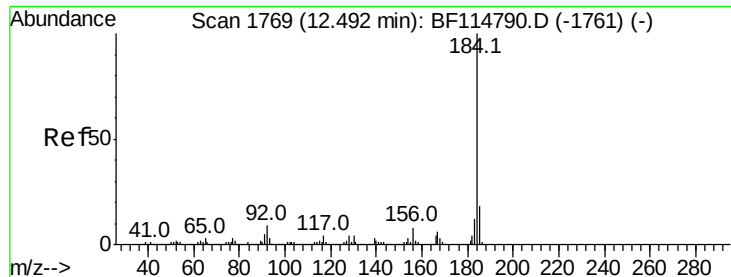


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.070 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

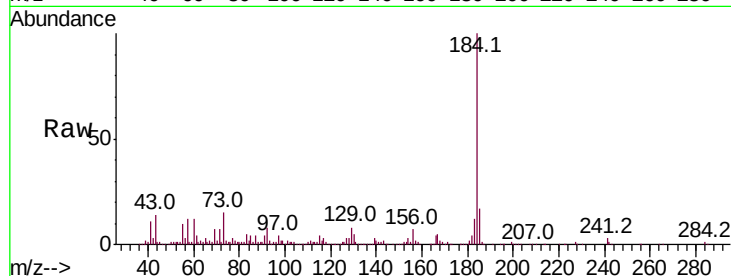
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 624990

Ion	Ratio	Lower	Upper
184	100		
185	17.1	14.1	21.1
183	11.6	9.9	14.9

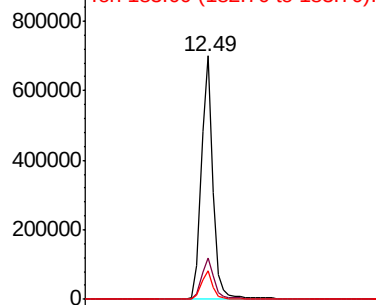


Abundance

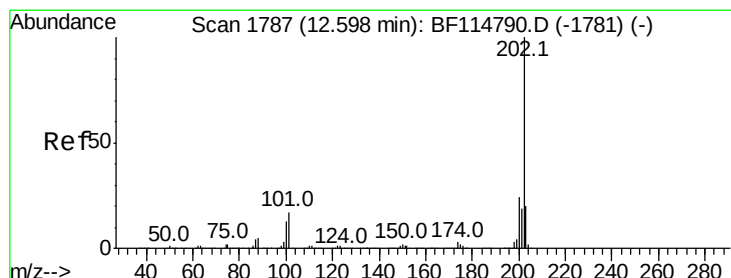
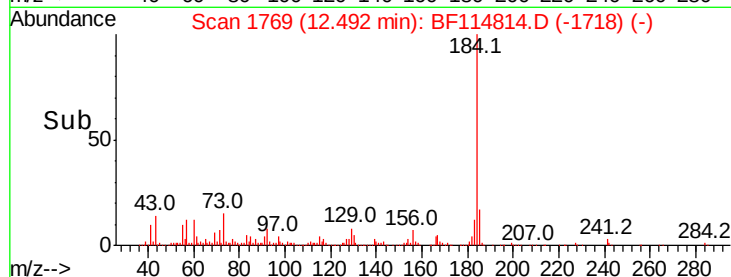
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 36.012 ng

RT: 12.60 min Scan# 1787

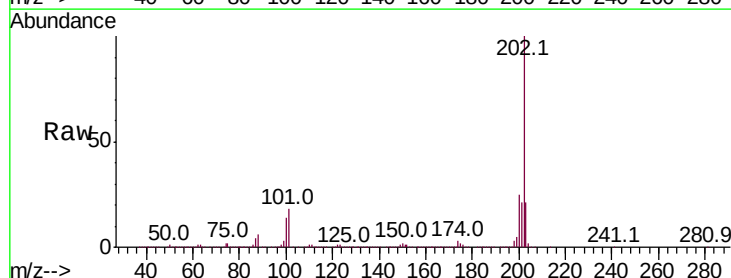
Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:202 Resp: 3916646

Ion	Ratio	Lower	Upper
202	100		
200	25.3	19.2	28.8
203	21.1	15.9	23.9

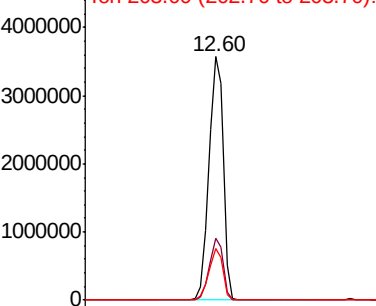


Abundance

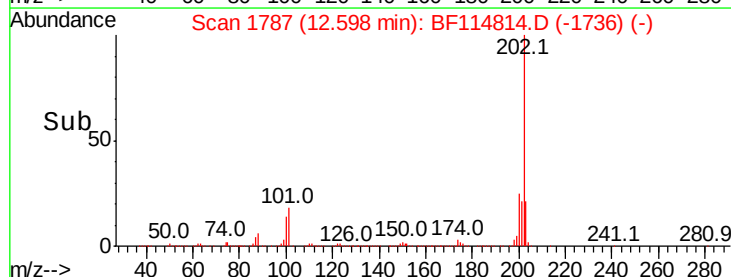
Ion 202.00 (201.70 to 202.70): E

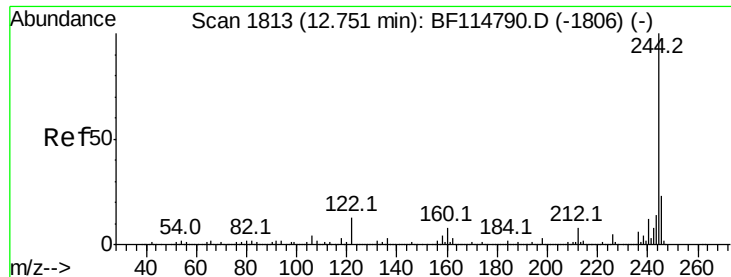
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

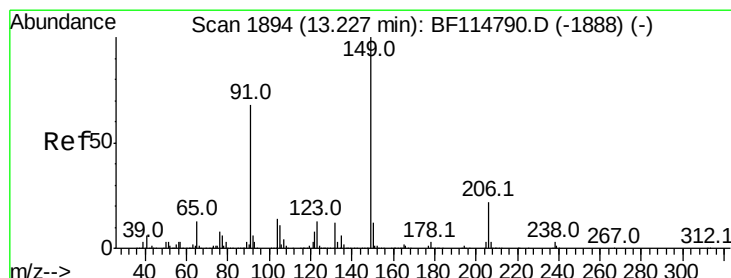
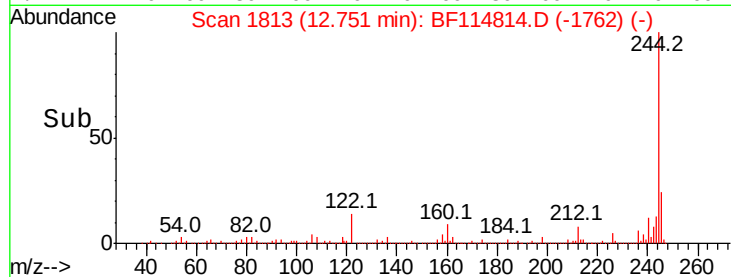
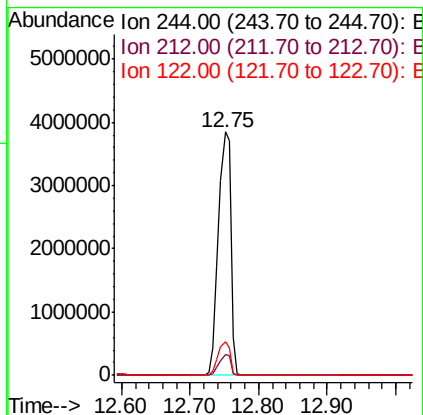
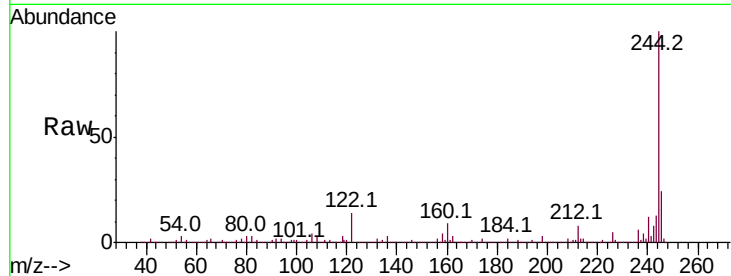




#79
 Terphenyl-d14
 Concen: 74.332 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

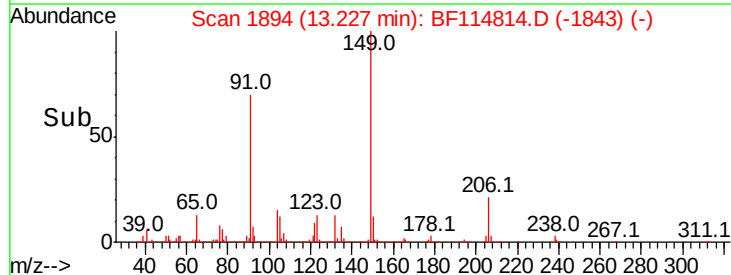
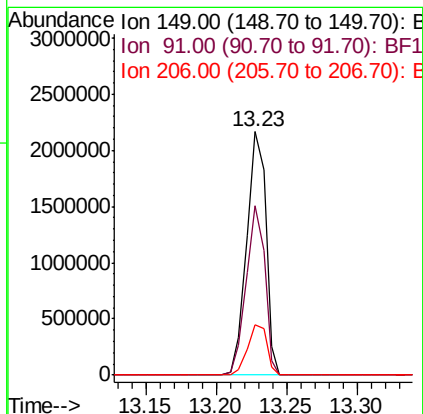
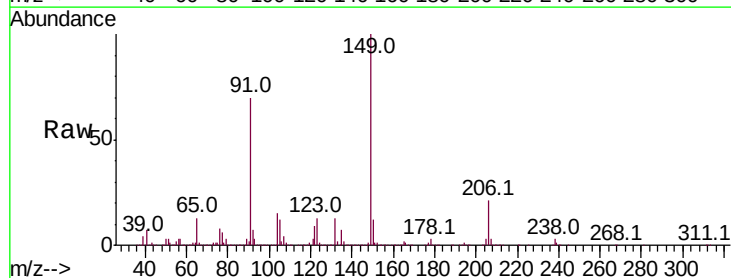
Instrument :
 BNA_F
 ClientSampled :

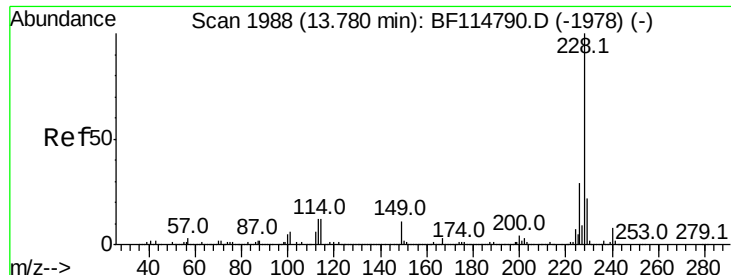
Tot Ion:244 Resp: 4791834
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 14.0 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 37.788 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion:149 Resp: 2075385
 Ion Ratio Lower Upper
 149 100
 91 69.8 54.6 82.0
 206 20.9 17.2 25.8





#81

Benzo(a)anthracene

Concen: 35.600 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

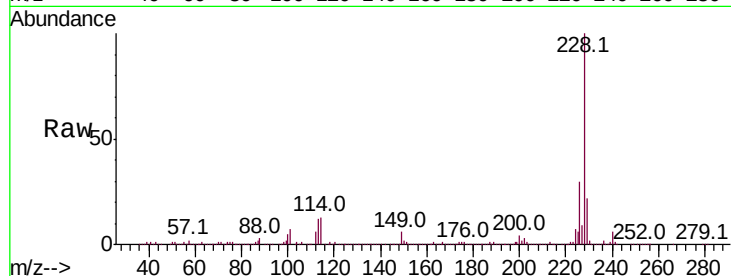
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3439289

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.2	17.4	26.0

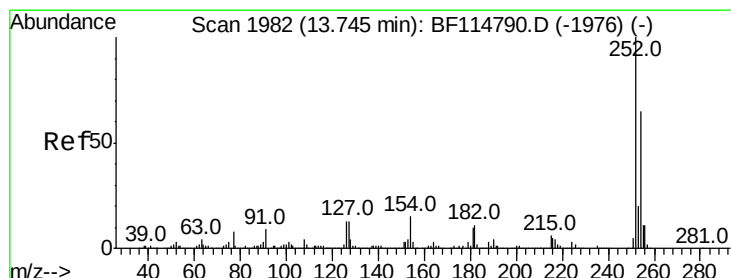
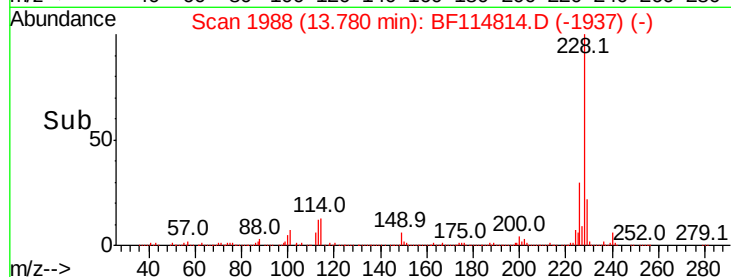
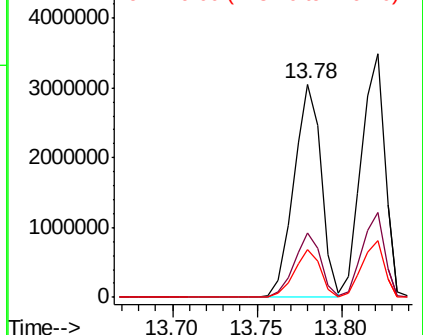


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.874 ng

RT: 13.74 min Scan# 1982

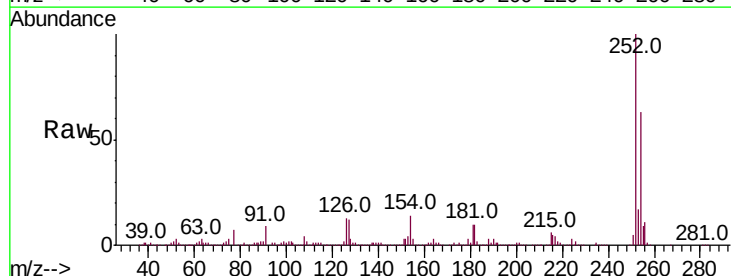
Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:252 Resp: 700195

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.9	77.9
126	12.6	10.5	15.7

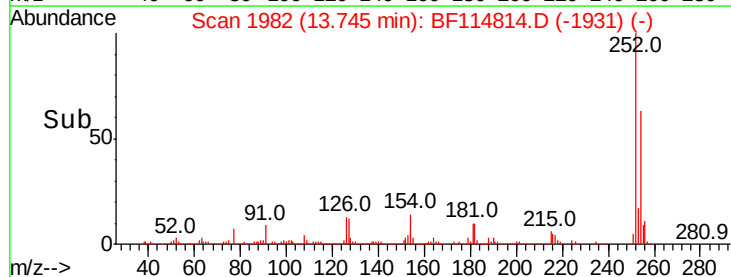
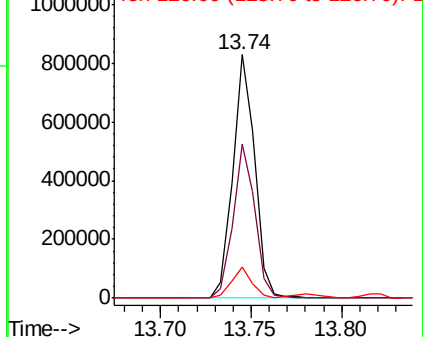


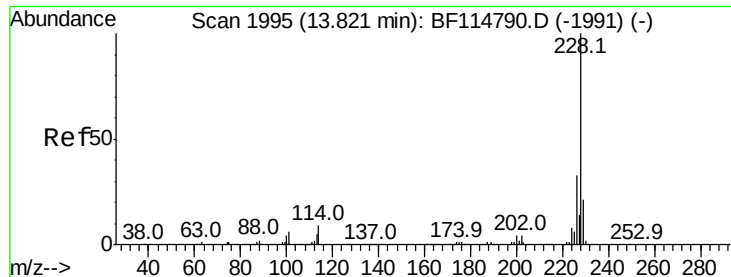
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.139 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

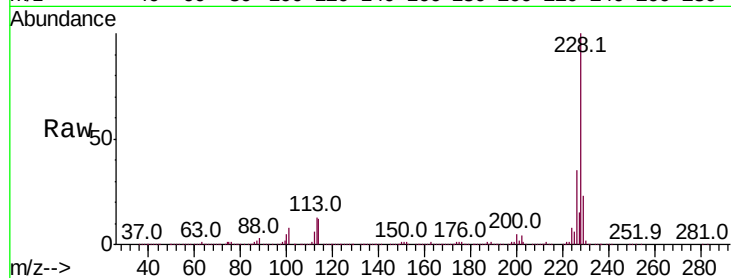
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3396416

Ion	Ratio	Lower	Upper
228	100		
226	34.9	26.0	39.0
229	23.1	17.1	25.7

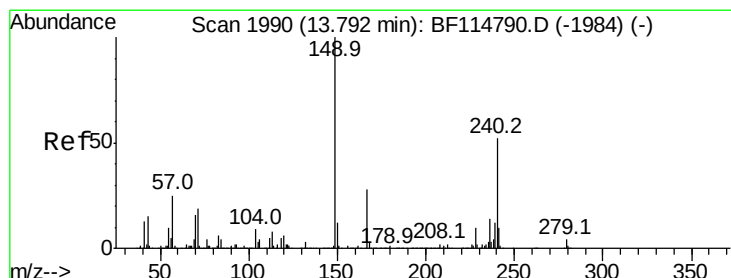
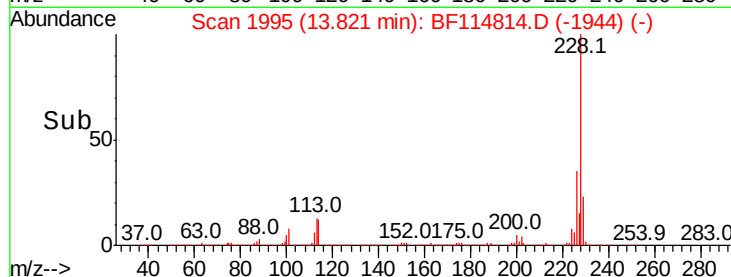
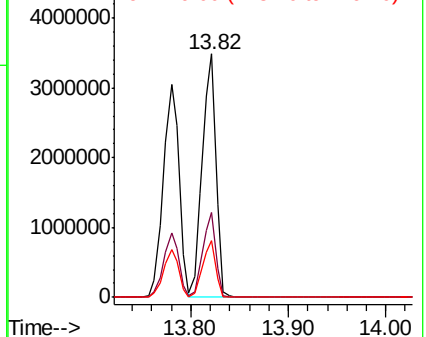


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.087 ng

RT: 13.80 min Scan# 1991

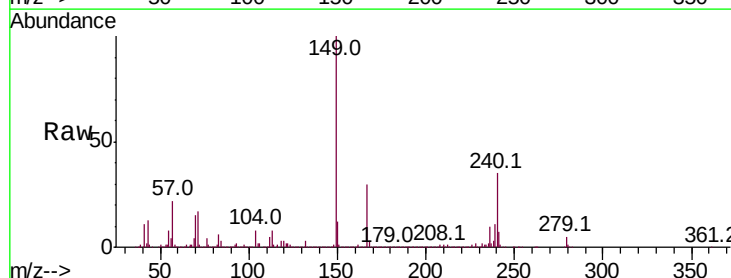
Delta R.T. 0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:149 Resp: 2506152

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.7	34.1
279	4.7	3.1	4.7#

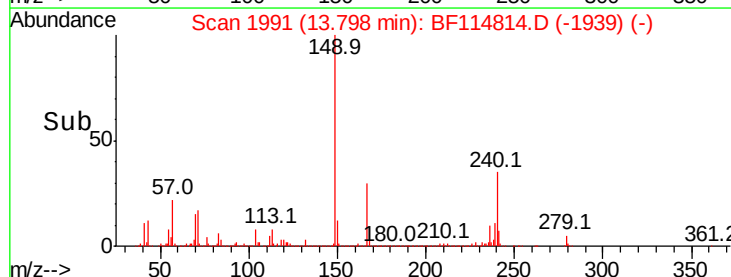
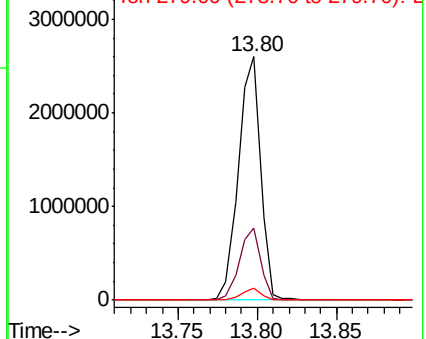


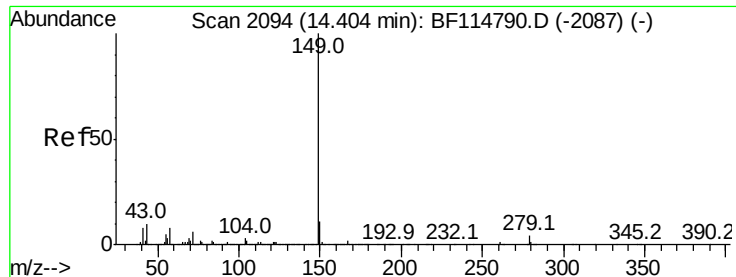
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.412 ng

RT: 14.40 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampled :

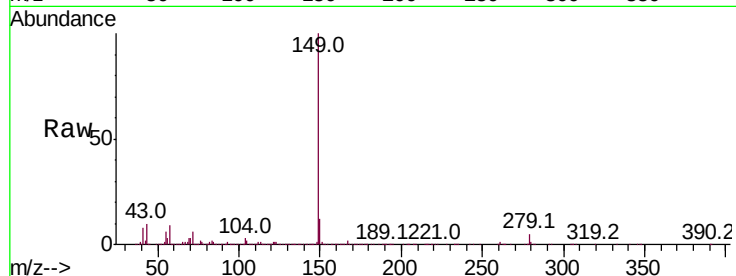
Tot Ion:149 Resp: 4414762

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

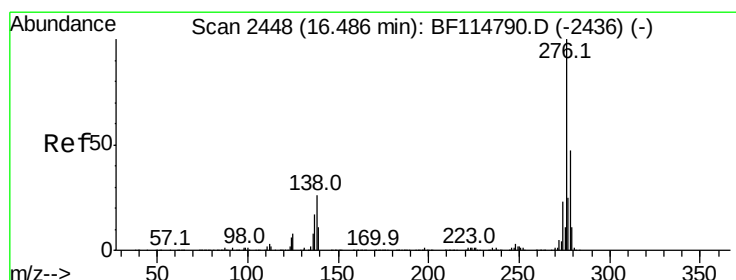
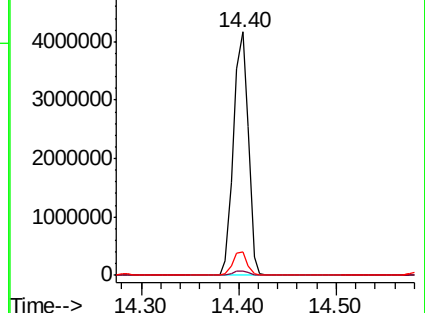
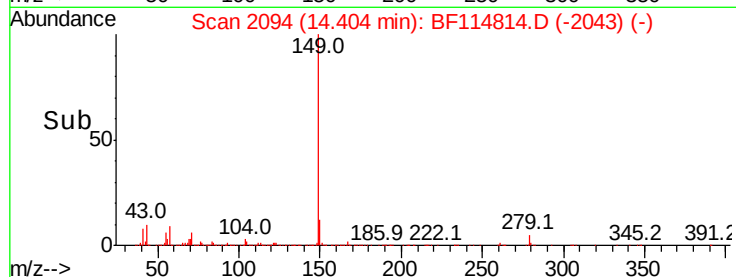
43 9.3 7.0 10.6



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: 33.720 ng

RT: 16.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

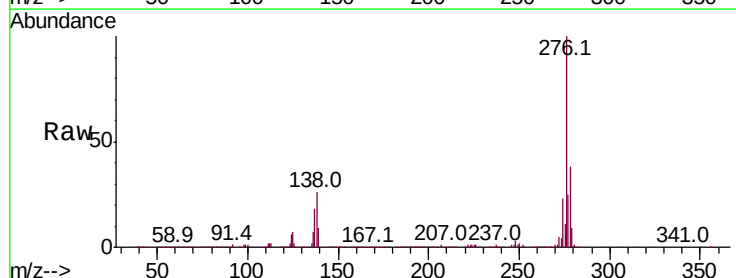
Tgt Ion:276 Resp: 3615932

Ion Ratio Lower Upper

276 100

138 28.7 22.2 33.4

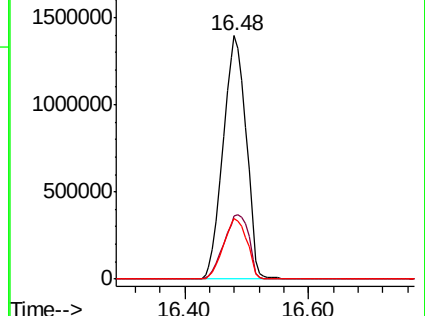
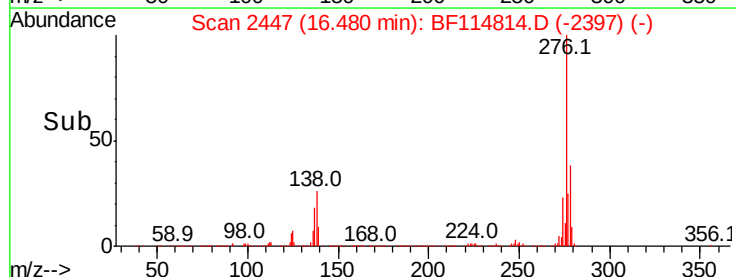
277 25.6 20.6 30.8

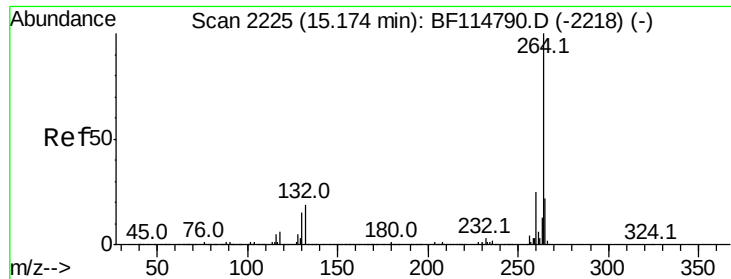


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

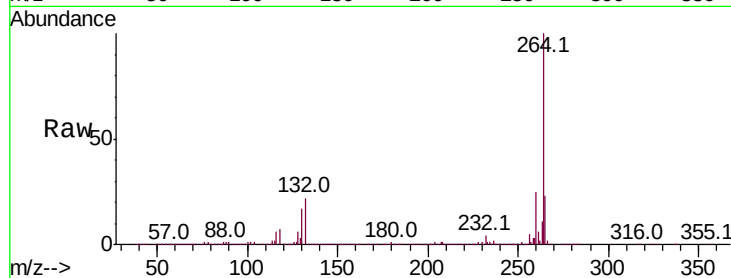
Tot Ion:264 Resp: 1589501

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	23.1	17.7	26.5

264 100

260 25.4 20.1 30.1

265 23.1 17.7 26.5

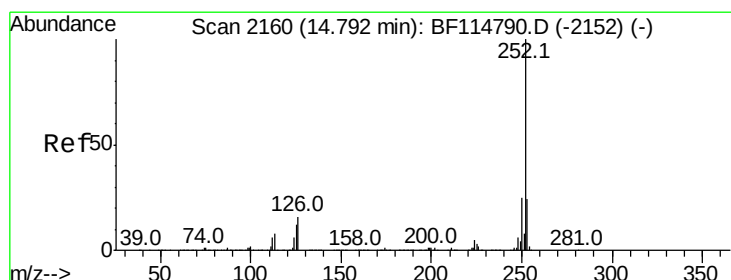
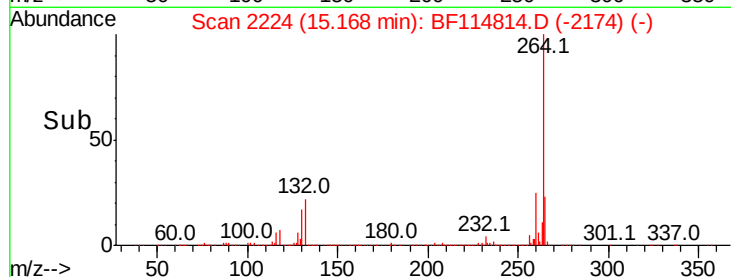
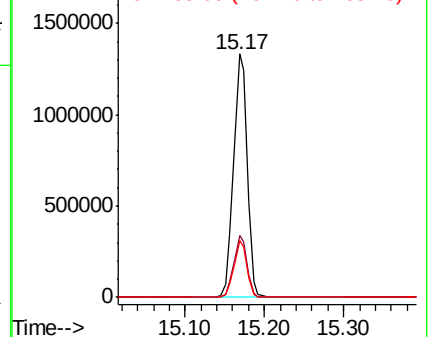


Abundance

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: 37.631 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

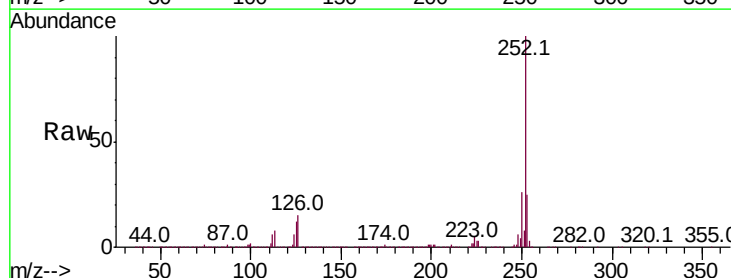
Tgt Ion:252 Resp: 3807933

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.6
125	11.8	9.4	14.0

252 100

253 24.6 19.0 28.6

125 11.8 9.4 14.0

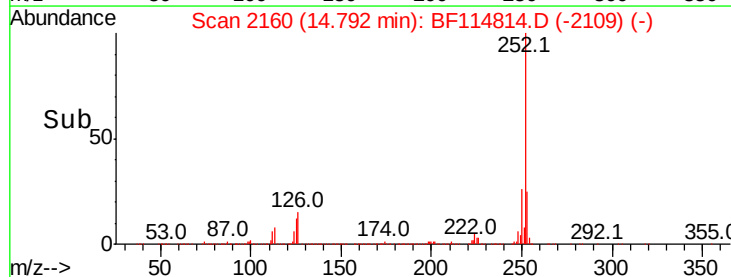
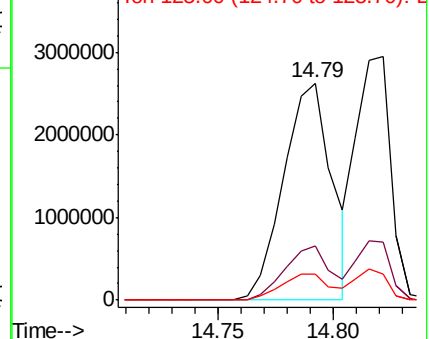


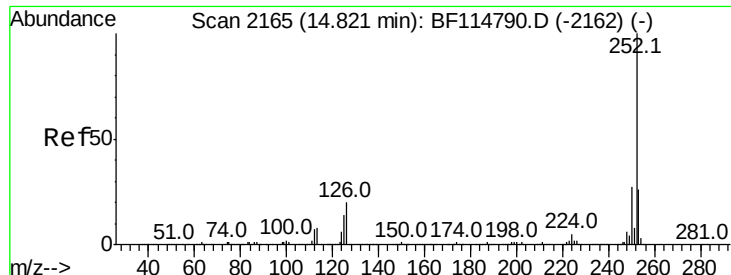
Abundance

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

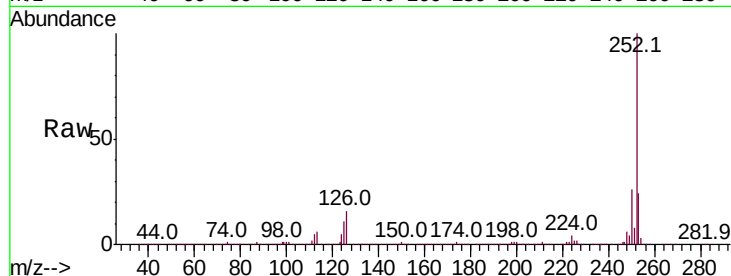




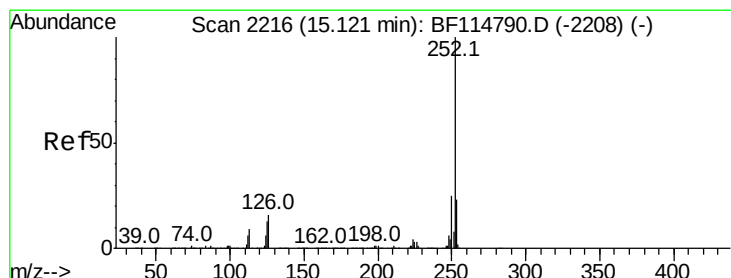
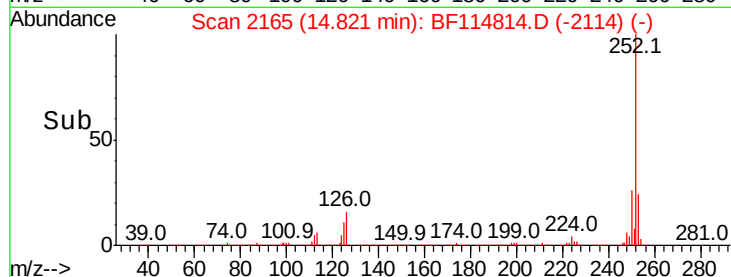
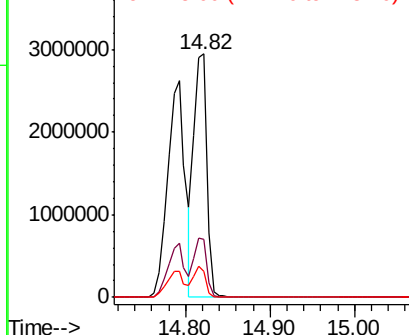
#89
Benzo(k)fluoranthene
Concen: 35.989 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 3092659
Ion Ratio Lower Upper
252 100
253 23.9 19.3 28.9
125 10.9 10.1 15.1

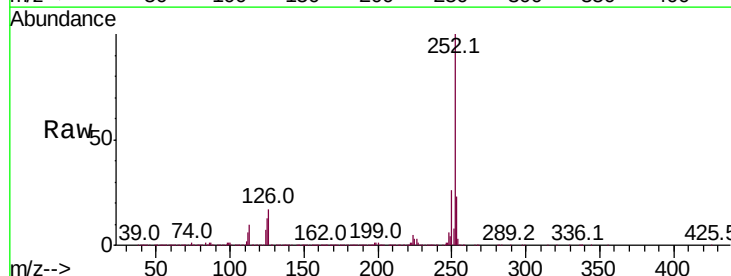


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

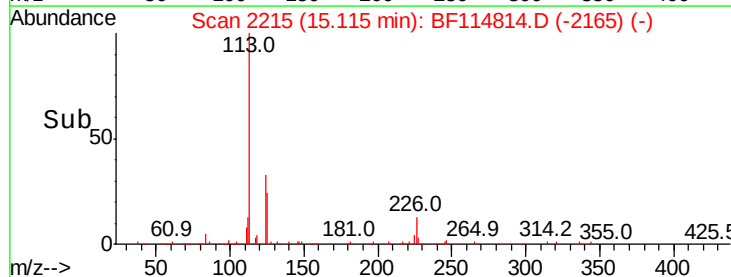
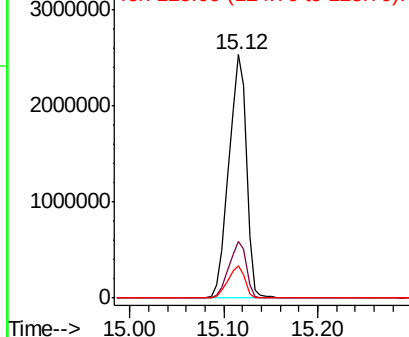


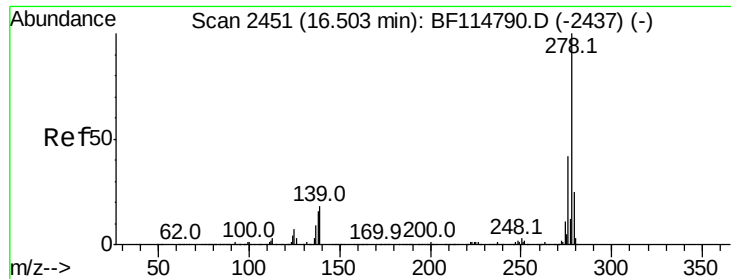
#90
Benzo(a)pyrene
Concen: 37.744 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:252 Resp: 3305815
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 13.5 10.1 15.1



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: 35.672 ng

RT: 16.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

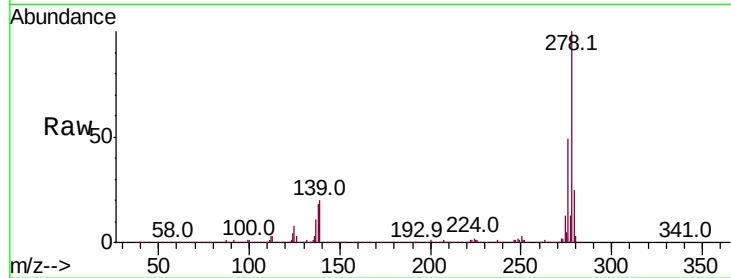
Tot Ion:278 Resp: 2958769

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.6	22.0
279	24.7	20.1	30.1

278 100

139 19.7 14.6 22.0

279 24.7 20.1 30.1

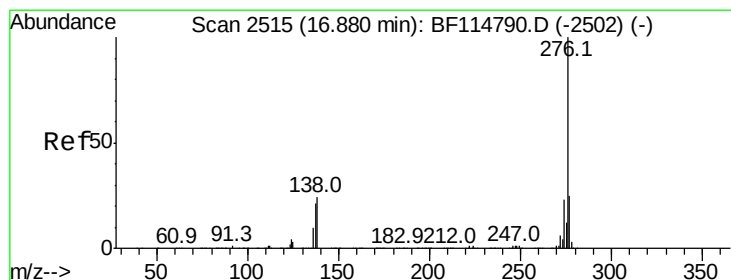
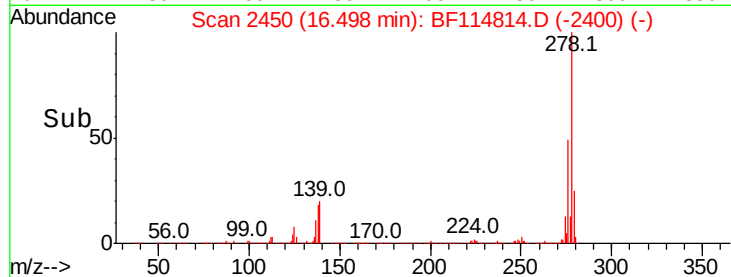
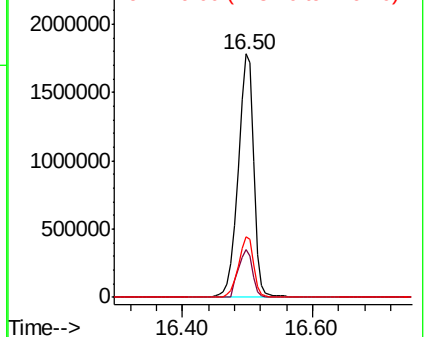


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.079 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

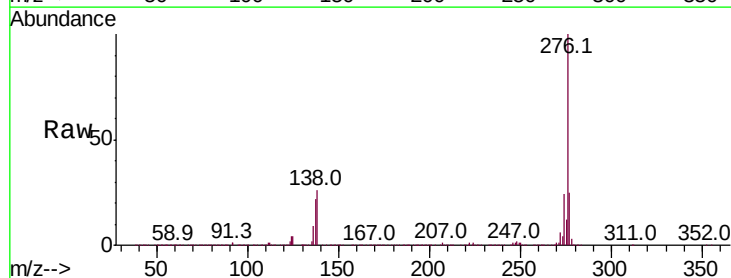
Tgt Ion:276 Resp: 3009335

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.6
138	25.9	19.4	29.2

276 100

277 25.1 19.8 29.6

138 25.9 19.4 29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

