

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114794.D
 Acq On : 4 Jun 2019 15:59
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 16:30:41 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 15:56:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	407512	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1656408	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	809720	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1474544	20.00	ng	0.00
76) Chrysene-d12	13.80	240	614695	20.00	ng	0.00
87) Perylene-d12	15.17	264	954425	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4050924	175.81	ng	0.02
7) Phenol-d6	6.33	99	4802185	171.39	ng	0.02
23) Nitrobenzene-d5	7.25	82	4829032	181.47	ng	0.02
42) 2,4,6-Tribromophenol	10.49	330	1448917	167.86	ng	0.01
45) 2-Fluorobiphenyl	9.04	172	6631596	143.57	ng	0.01
79) Terphenyl-d14	12.76	244	5909043	189.50	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	1057623	96.243	ng	100
3) Pyridine	2.99	79	3047230	100.937	ng	99
4) n-Nitrosodimethylamine	2.96	42	1139659	103.457	ng	94
6) Aniline	6.35	93	3535716	89.057	ng	98
8) 2-Chlorophenol	6.47	128	2336814	87.935	ng	97
9) Benzaldehyde	6.22	77	1675628	86.192	ng	98
10) Phenol	6.34	94	2830257	88.498	ng	99
11) bis(2-Chloroethyl)ether	6.42	93	2238875	89.617	ng	97
12) 1,3-Dichlorobenzene	6.62	146	2731203	88.024	ng	96
13) 1,4-Dichlorobenzene	6.69	146	2671890	85.606	ng	95
14) 1,2-Dichlorobenzene	6.85	146	2184496	77.329	ng	97
15) Benzyl Alcohol	6.83	79	1751071	82.623	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	3178391	88.855	ng	95
17) 2-Methylphenol	6.93	107	2144152	94.468	ng	98
18) Hexachloroethane	7.19	117	1069171	91.215	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	1754328	94.764	ng	98
20) 3+4-Methylphenols	7.10	107	2107229	84.094	ng	96
22) Acetophenone	7.09	105	3232035	89.653	ng	# 96
24) Nitrobenzene	7.27	77	2449599	88.661	ng	95
25) Isophorone	7.52	82	5261247	100.345	ng	100
26) 2-Nitrophenol	7.57	139	1478317	99.354	ng	92
27) 2,4-Dimethylphenol	7.63	122	2106313	92.918	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	3057716	91.001	ng	97
29) 2,4-Dichlorophenol	7.82	162	2161442	90.472	ng	96
30) 1,2,4-Trichlorobenzene	7.90	180	2427467	88.595	ng	99
31) Naphthalene	7.98	128	5875191	79.527	ng	# 93
32) Benzoic acid	7.81	122	1866533	113.413	ng	99
33) 4-Chloroaniline	8.03	127	3019856	85.889	ng	96
34) Hexachlorobutadiene	8.10	225	1348573	86.588	ng	100
35) Caprolactam	8.45	113	677725	88.514	ng	93
36) 4-Chloro-3-methylphenol	8.52	107	2204629	92.927	ng	98
37) 2-Methylnaphthalene	8.67	142	4138805	80.678	ng	96
38) 1-Methylnaphthalene	8.77	142	3894842	80.224	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1865007	80.680	ng	99

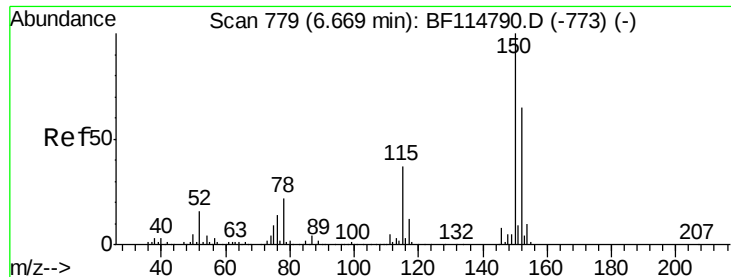
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 15:56:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1313165	93.903	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	1691856	94.240	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	1653083	91.531	nq	98
46) 1,1'-Biphenyl	9.14	154	4452133	74.605	nq	95
47) 2-Chloronaphthalene	9.16	162	4027488	79.658	nq	93
48) 2-Nitroaniline	9.25	65	1405672	93.581	nq	98
49) Acenaphthylene	9.57	152	5599267	76.416	nq	95
50) Dimethylphthalate	9.45	163	5069851	86.761	nq	97
51) 2,6-Dinitrotoluene	9.50	165	1282635	93.459	nq	94
52) Acenaphthene	9.75	154	3655345	76.105	nq	98
53) 3-Nitroaniline	9.67	138	1470073	91.471	nq	97
54) 2,4-Dinitrophenol	9.77	184	699373	112.722	nq	98
55) Dibenzofuran	9.91	168	4688982	73.242	nq	91
56) 4-Nitrophenol	9.83	139	1116632	95.116	nq	98
57) 2,4-Dinitrotoluene	9.90	165	1408316	80.882	nq	# 78
58) Fluorene	10.26	166	3376922	73.564	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	1314932	88.926	nq	98
60) Diethylphthalate	10.14	149	4732266	80.415	nq	95
61) 4-Chlorophenyl-phenylether	10.25	204	1693750	72.090	nq	95
62) 4-Nitroaniline	10.29	138	1456242	93.475	nq	99
63) Azobenzene	10.40	77	4068786	81.292	nq	97
65) 4,6-Dinitro-2-methylphenol	10.31	198	830398	110.388	nq	92
66) n-Nitrosodiphenylamine	10.37	169	3770735	85.548	nq	97
67) 4-Bromophenyl-phenylether	10.73	248	1431579	86.413	nq	98
68) Hexachlorobenzene	10.80	284	1594347	88.027	nq	95
69) Atrazine	10.90	200	1384653	90.537	nq	98
70) Pentachlorophenol	10.99	266	1004242	96.046	nq	98
71) Phenanthrene	11.20	178	5371317	77.054	nq	94
72) Anthracene	11.26	178	5370712	76.126	nq	95
73) Carbazole	11.40	167	4959651	78.736	nq	96
74) Di-n-butylphthalate	11.75	149	5850625	73.782	nq	# 94
75) Fluoranthene	12.38	202	5400201	77.208	nq	95
77) Benzidine	12.50	184	2854467	95.075	nq	# 93
78) Pyrene	12.61	202	5317071	101.415	nq	95
80) Butylbenzylphthalate	13.23	149	2927845	110.912	nq	97
81) Benzo(a)anthracene	13.79	228	4634633	99.284	nq	97
82) 3,3'-Dichlorobenzidine	13.76	252	1964153	103.975	nq	98
83) Chrysene	13.83	228	4630071	102.169	nq	95
84) Bis(2-ethylhexyl)phthalate	13.80	149	3266438	97.706	nq	# 97
85) Di-n-octyl phthalate	14.41	149	5668039	99.536	nq	98
86) Indeno(1,2,3-cd)pyrene	16.50	276	5557809	107.369	nq	100
88) Benzo(b)fluoranthene	14.80	252	6011946	100.900	nq	99
89) Benzo(k)fluoranthene	14.83	252	3686609	74.986	nq	97
90) Benzo(a)pyrene	15.13	252	4691173	90.318	nq	96
91) Dibenzo(a,h)anthracene	16.52	278	4270073	86.809	nq	98
92) Benzo(g,h,i)perylene	16.90	276	4547591	92.105	nq	99

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

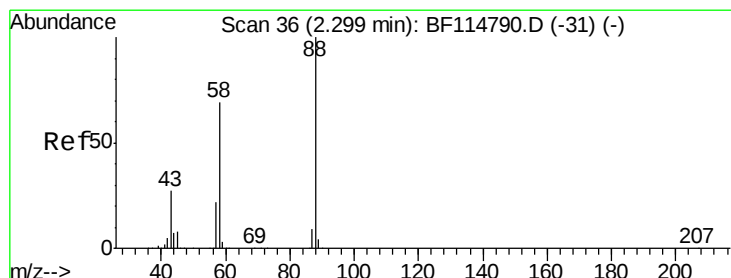
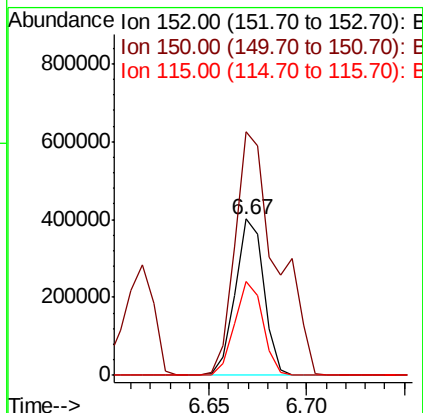
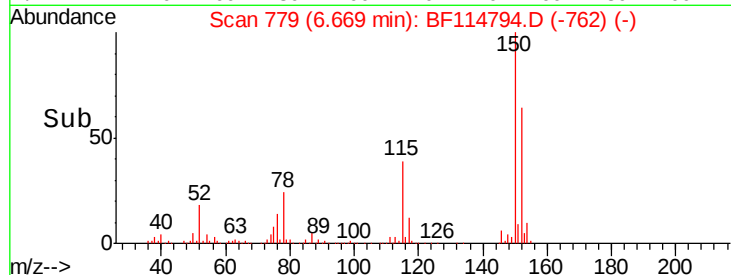
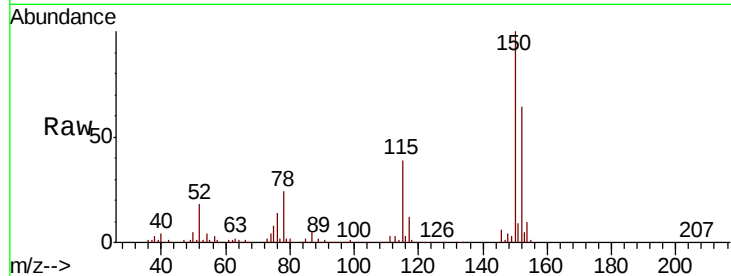


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

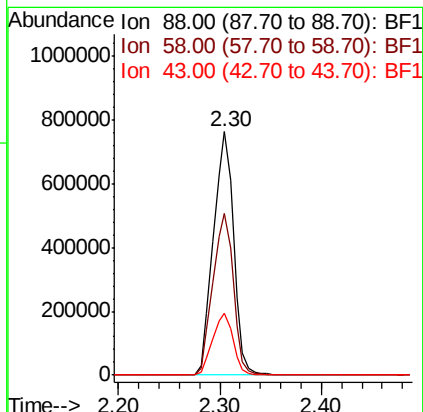
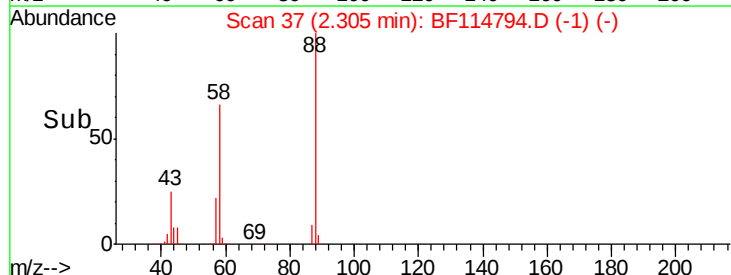
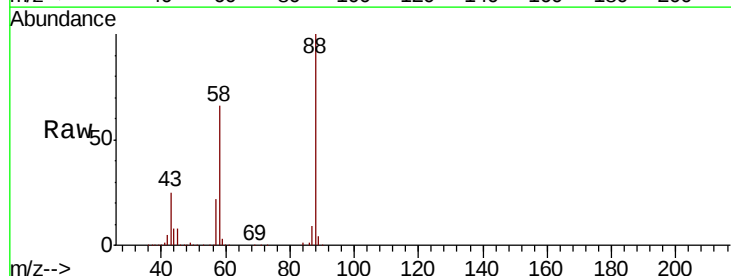
Tot Ion:152 Resp: 407512
Ion Ratio Lower Upper
152 100
150 155.8 124.0 186.0
115 60.4 46.3 69.5

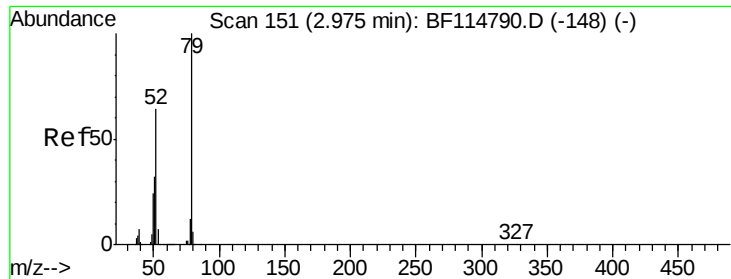


#2

1,4-Dioxane
Concen: 96.243 ng
RT: 2.30 min Scan# 37
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion: 88 Resp: 1057623
Ion Ratio Lower Upper
88 100
58 67.6 53.8 80.8
43 25.9 20.7 31.1





#3

Pvridine

Concen: 100.937 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

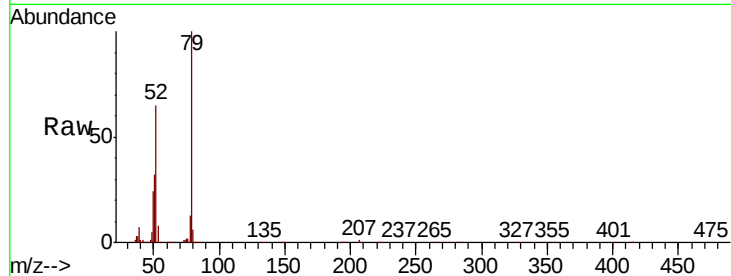
Tot Ion: 79 Resp: 3047230

Ion Ratio Lower Upper

79 100

52 64.7 51.0 76.4

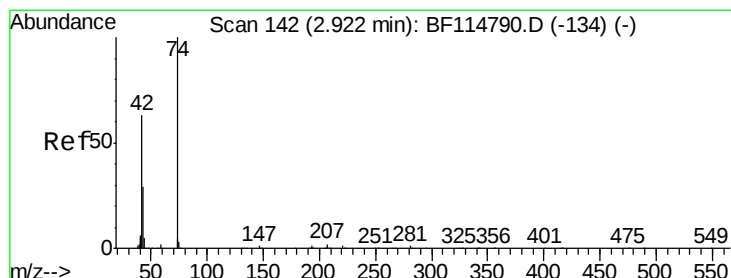
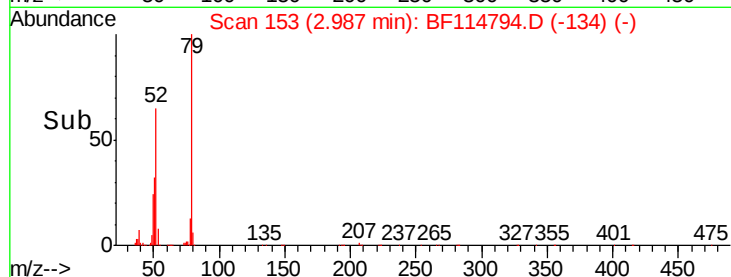
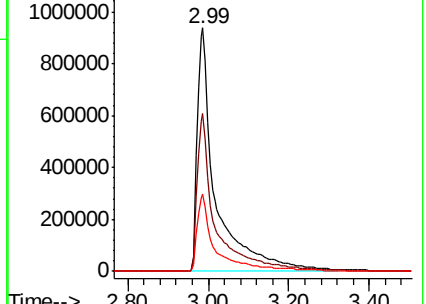
51 31.6 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 103.457 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.04 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

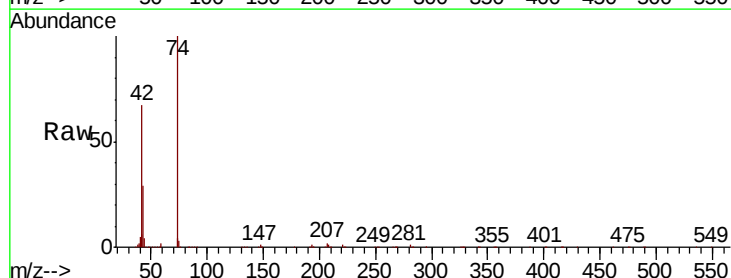
Tgt Ion: 42 Resp: 1139659

Ion Ratio Lower Upper

42 100

74 150.0 126.2 189.2

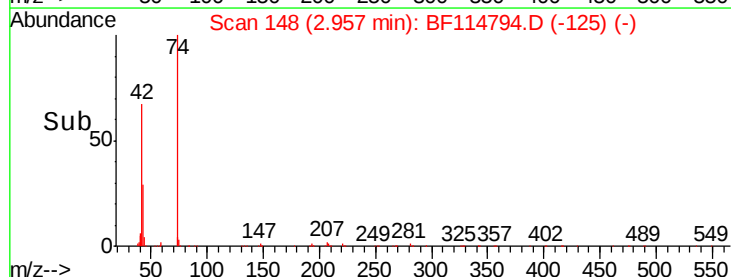
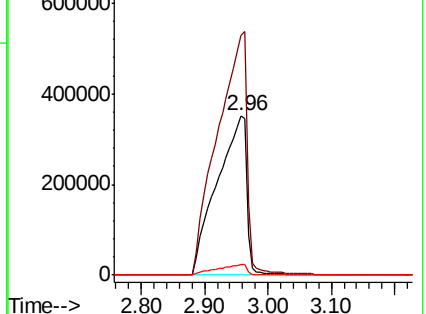
44 6.7 5.9 8.9

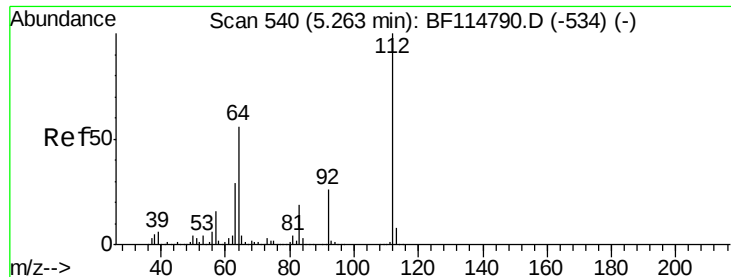


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 175.813 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

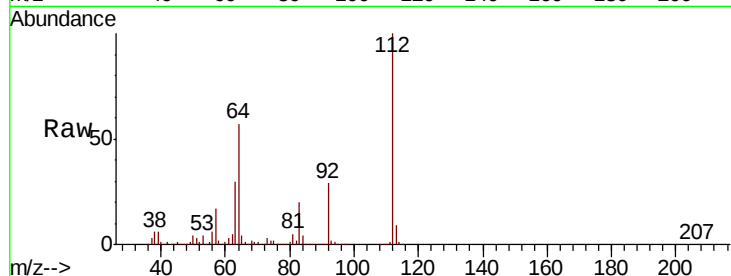
Tot Ion:112 Resp: 4050924

Ion Ratio Lower Upper

112 100

64 56.8 44.6 66.8

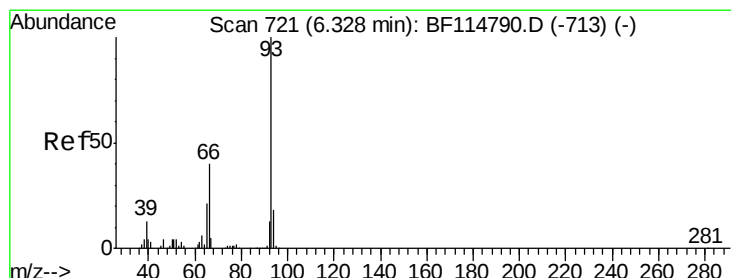
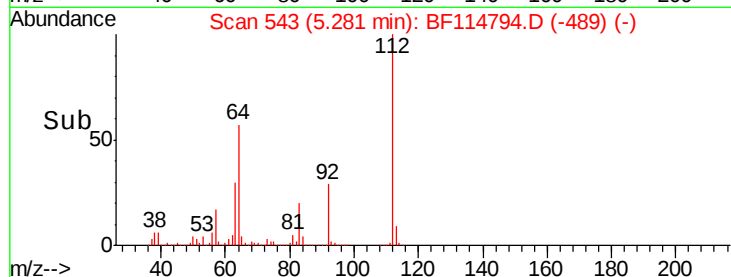
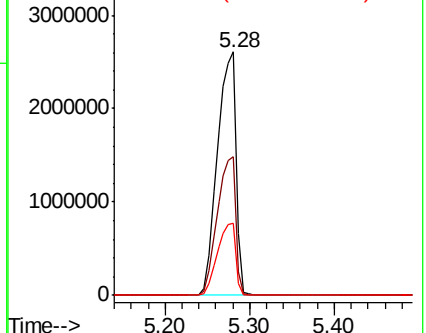
63 29.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 89.057 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

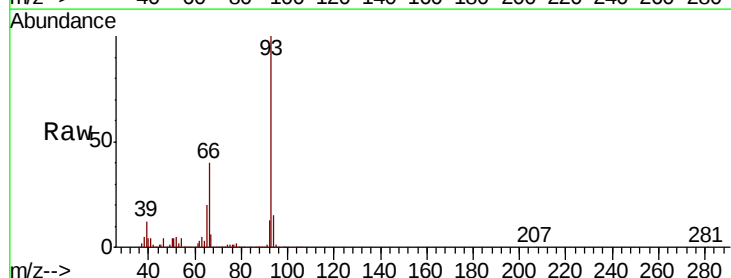
Tgt Ion: 93 Resp: 3535716

Ion Ratio Lower Upper

93 100

66 39.6 32.8 49.2

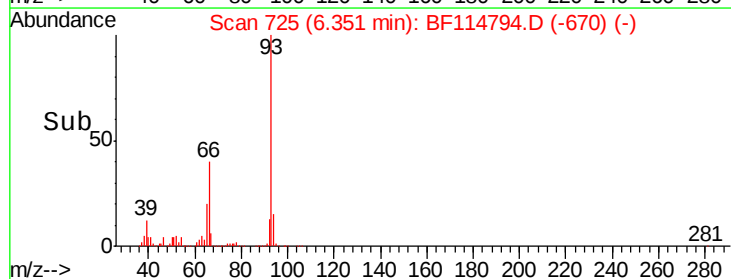
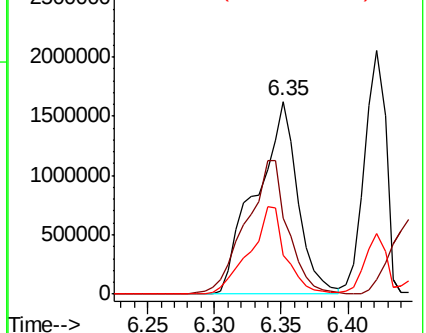
65 20.0 16.9 25.3

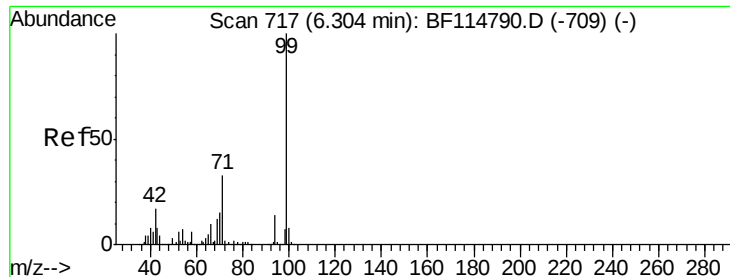


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 171.390 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

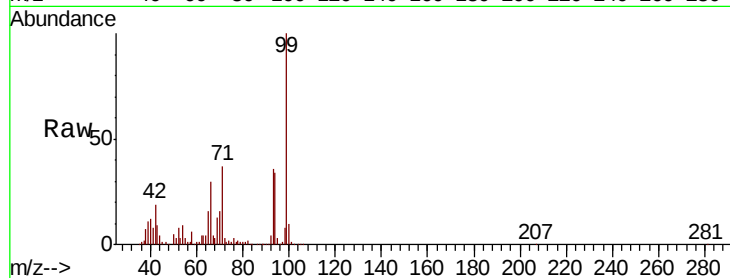
Tot Ion: 99 Resp: 4802185

Ion Ratio Lower Upper

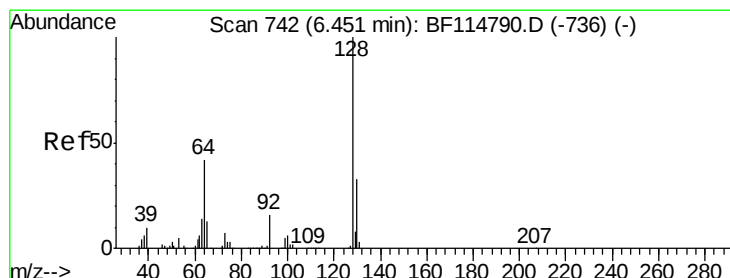
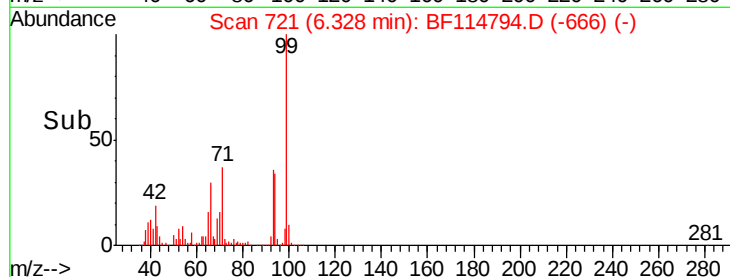
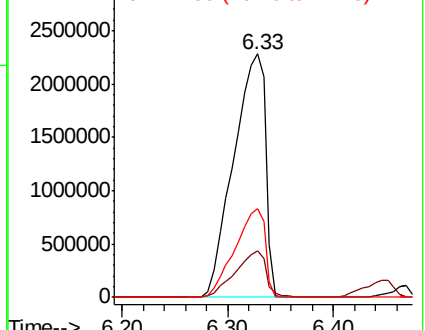
99 100

42 19.1 13.3 19.9

71 36.7 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: 87.935 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

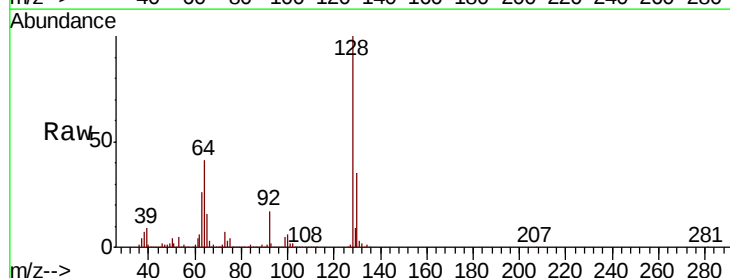
Tgt Ion:128 Resp: 2336814

Ion Ratio Lower Upper

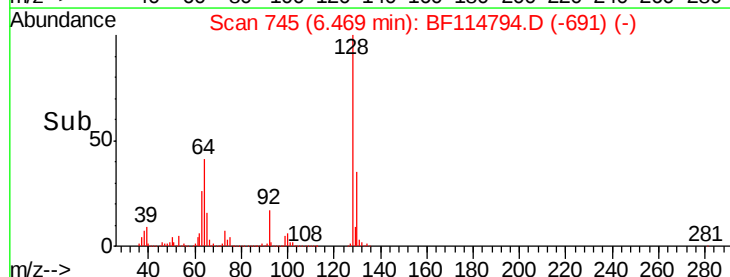
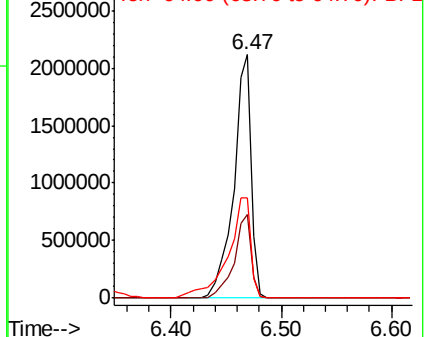
128 100

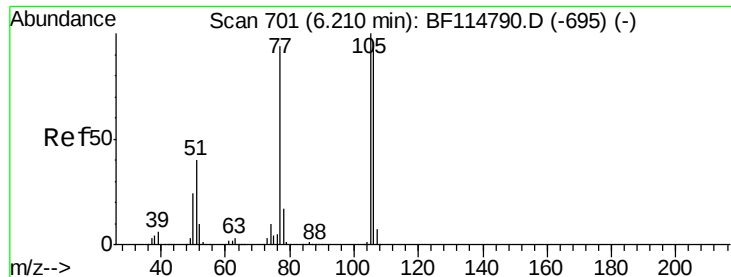
130 34.6 12.7 52.7

64 41.1 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: 86.192 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampled :

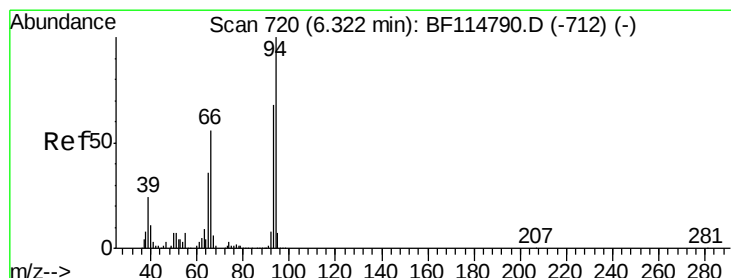
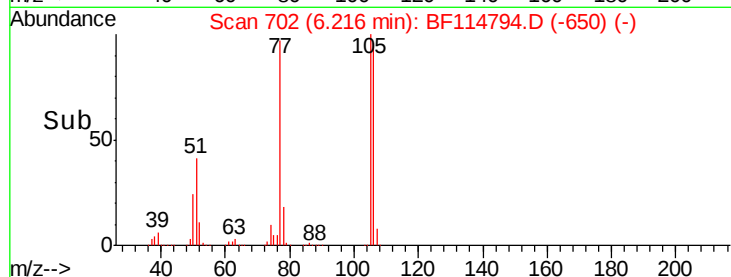
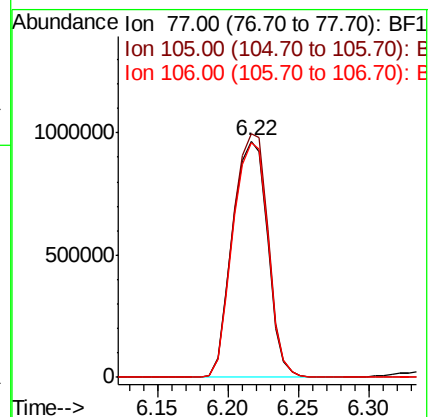
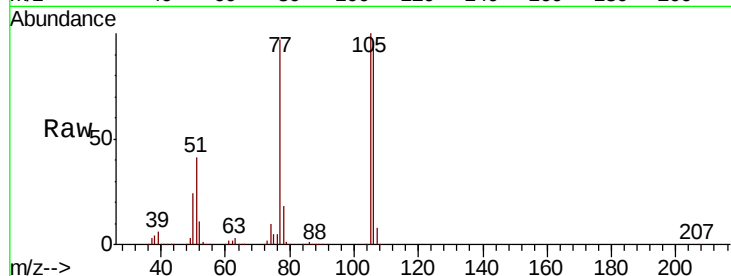
Tot Ion: 77 Resp: 1675628

Ion Ratio Lower Upper

77 100

105 103.2 85.8 125.8

106 99.4 81.6 121.6



#10

Phenol

Concen: 88.498 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

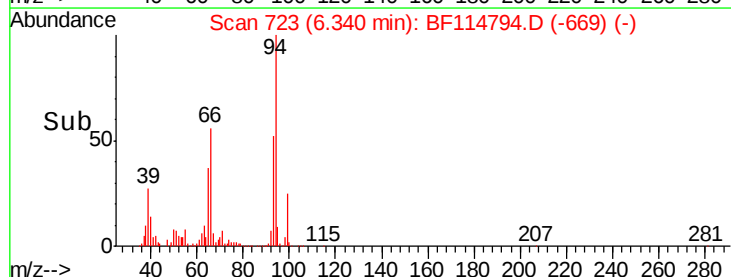
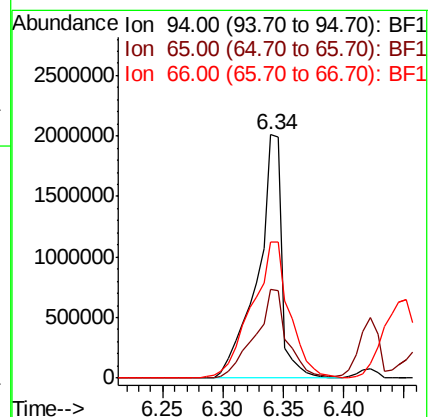
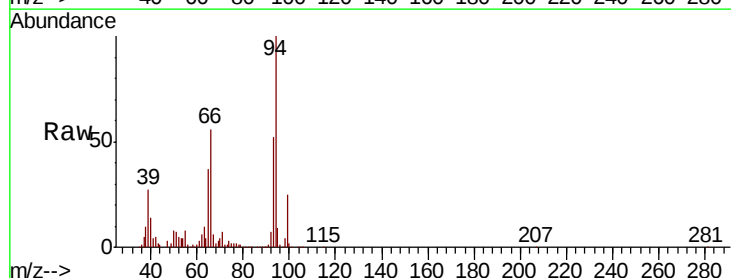
Tgt Ion: 94 Resp: 2830257

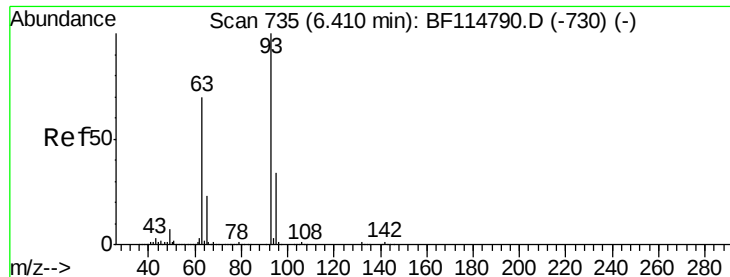
Ion Ratio Lower Upper

94 100

65 36.7 16.1 56.1

66 55.8 36.3 76.3

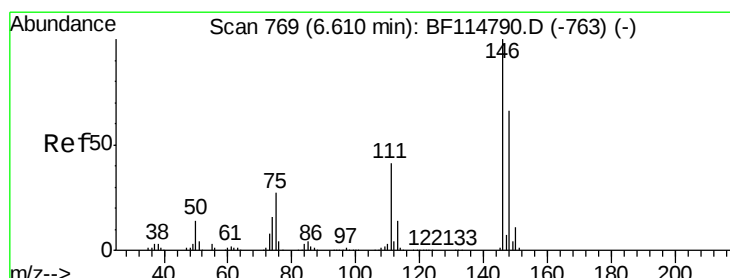
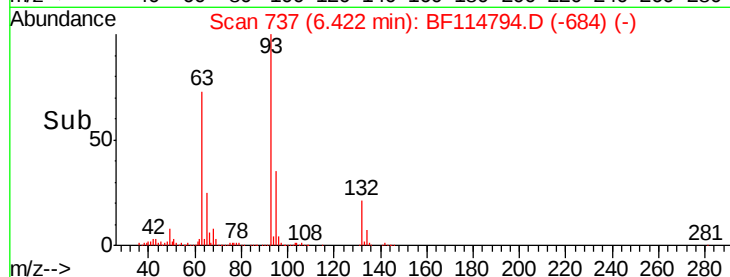
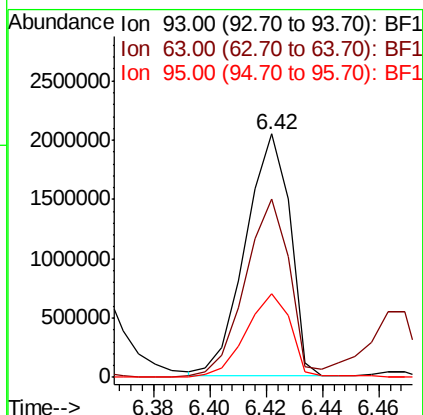
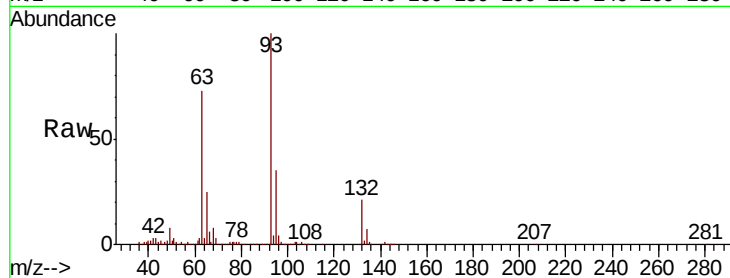




#11
bis(2-Chloroethyl)ether
Concen: 89.617 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

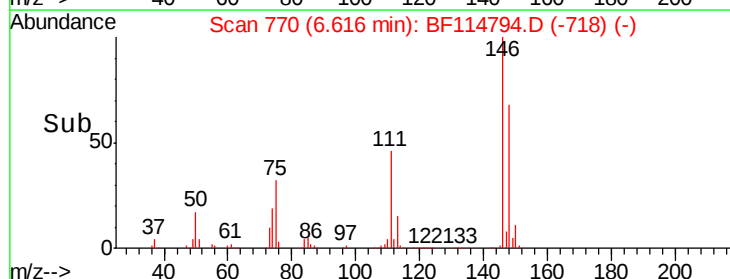
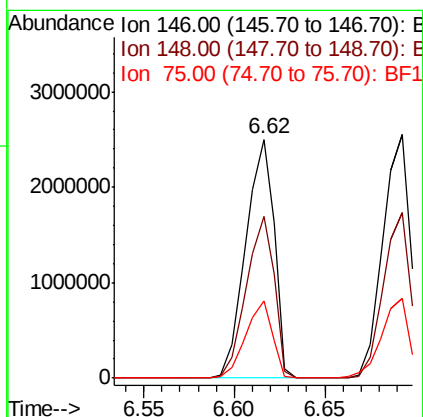
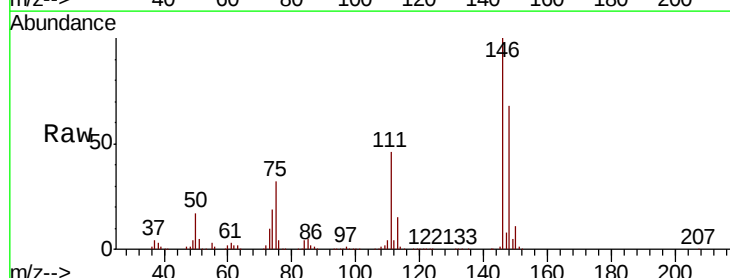
Instrument :
BNA_F
ClientSampleId :

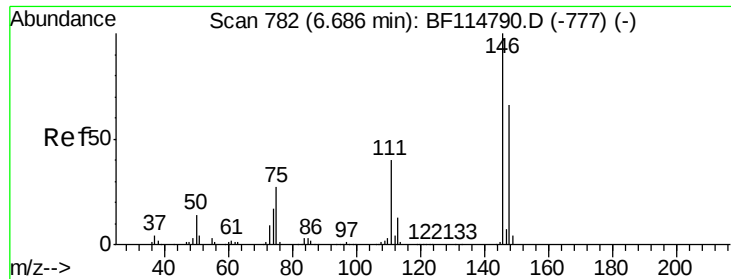
Tot Ion: 93 Resp: 2238875
Ion Ratio Lower Upper
93 100
63 73.0 49.6 89.6
95 34.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 88.024 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion: 146 Resp: 2731203
Ion Ratio Lower Upper
146 100
148 67.5 52.7 79.1
75 32.3 22.0 33.0

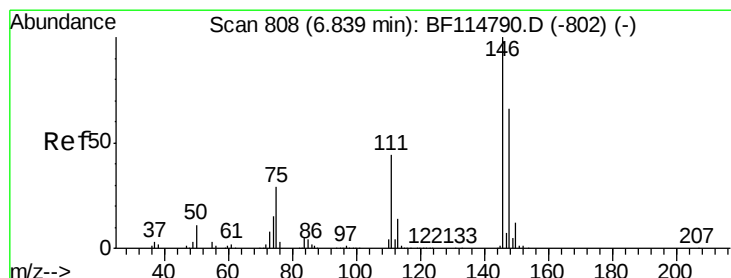
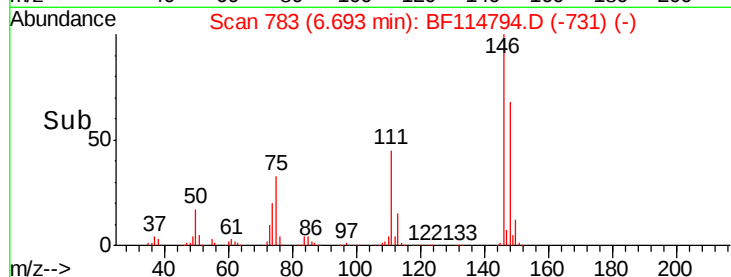
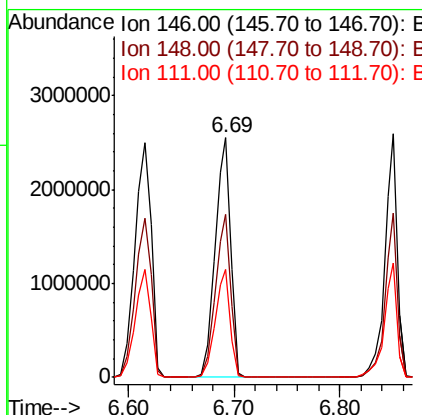
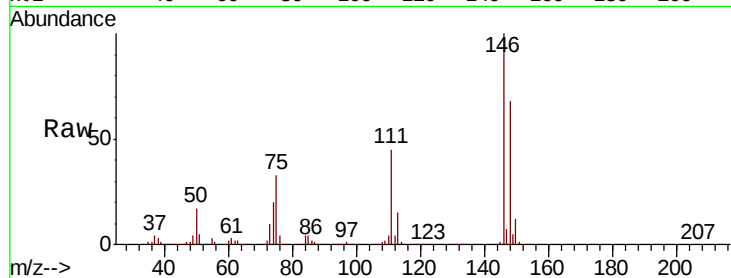




#13
 1,4-Dichlorobenzene
 Concen: 85.606 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

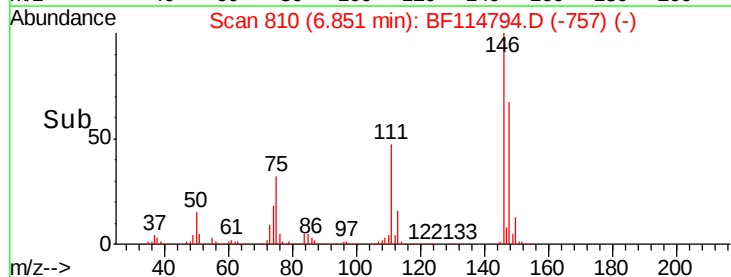
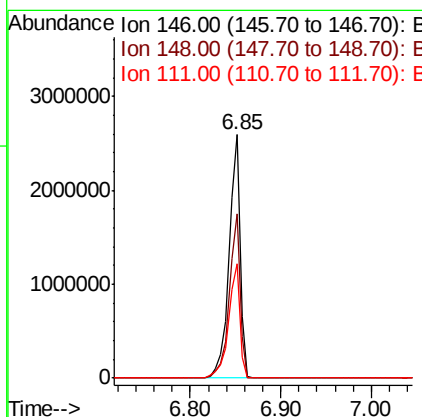
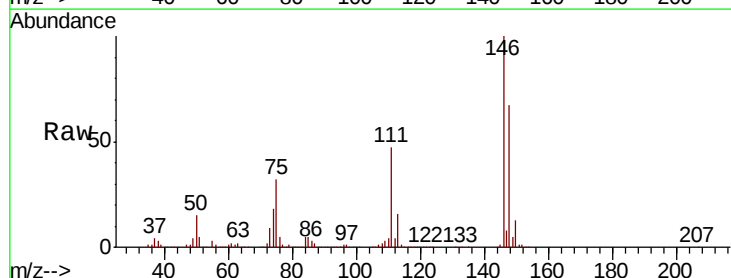
Instrument :
 BNA_F
 ClientSampleId :

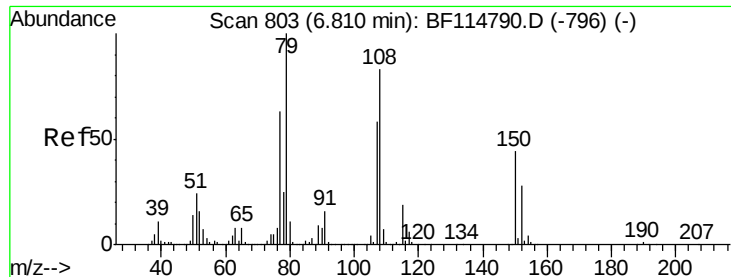
Tot Ion:146 Resp: 2671890
 Ion Ratio Lower Upper
 146 100
 148 68.1 53.0 79.4
 111 45.3 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 77.329 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

Tgt Ion:146 Resp: 2184496
 Ion Ratio Lower Upper
 146 100
 148 67.4 52.5 78.7
 111 46.9 34.8 52.2





#15

Benzyl Alcohol

Concen: 82.623 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

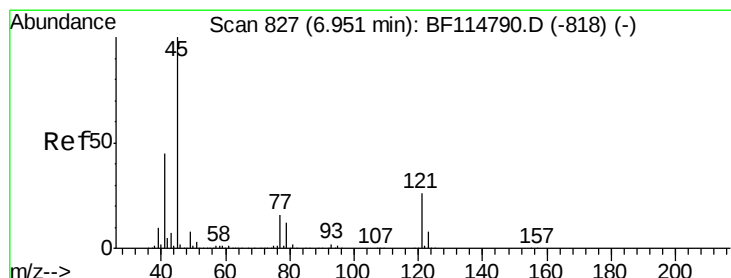
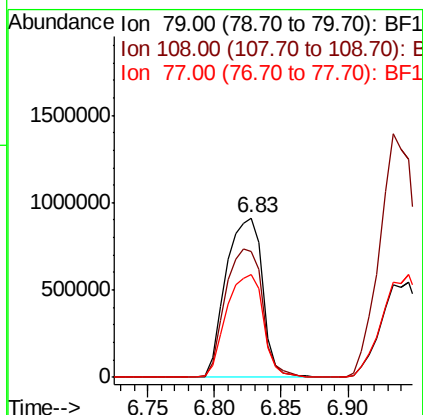
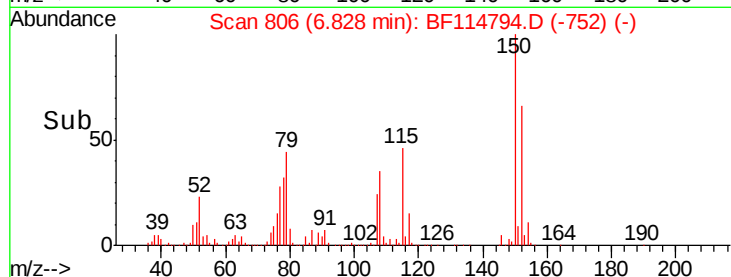
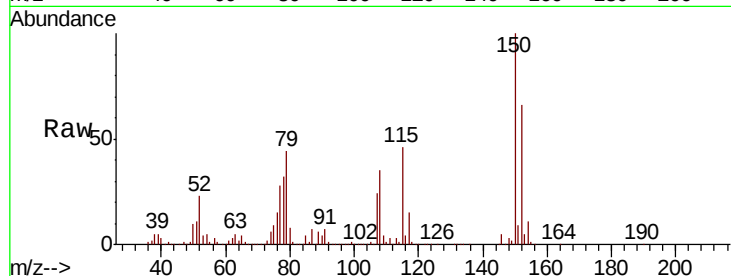
Tot Ion: 79 Resp: 1751071

Ion Ratio Lower Upper

79 100

108 79.1 66.8 100.2

77 64.6 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 88.855 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

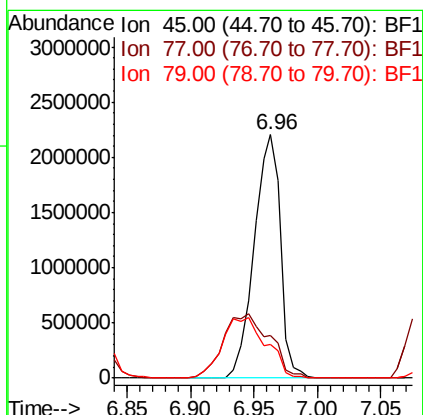
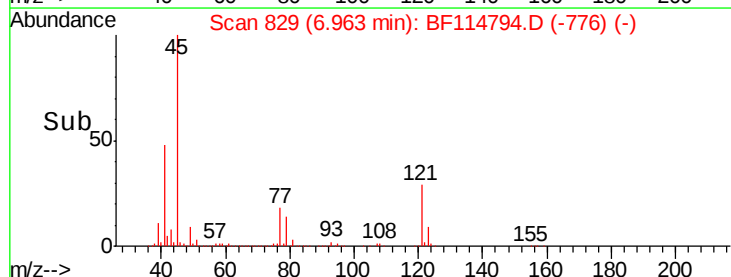
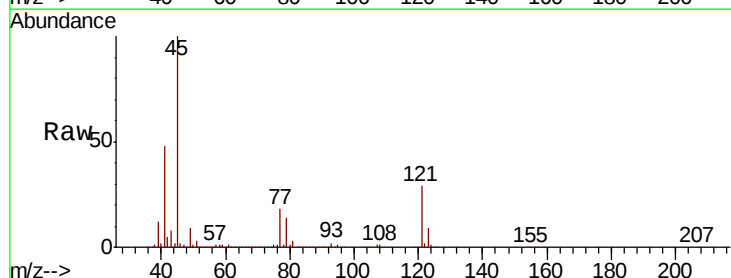
Tgt Ion: 45 Resp: 3178391

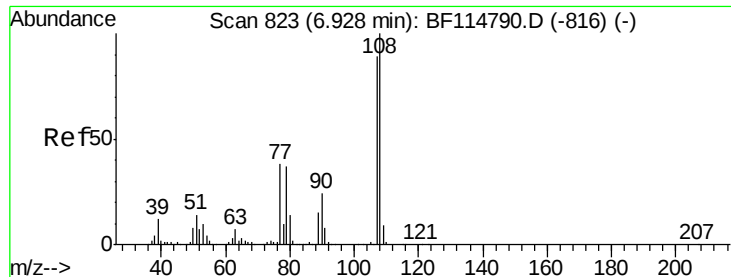
Ion Ratio Lower Upper

45 100

77 17.7 0.0 35.8

79 13.8 0.0 32.0

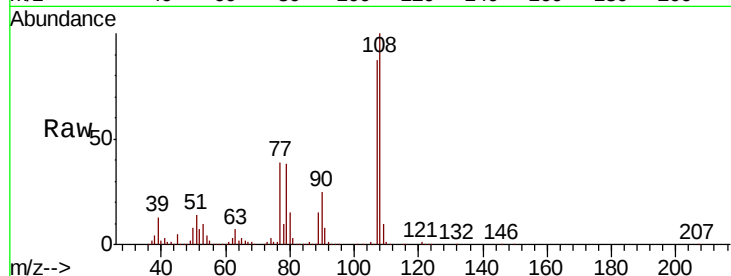




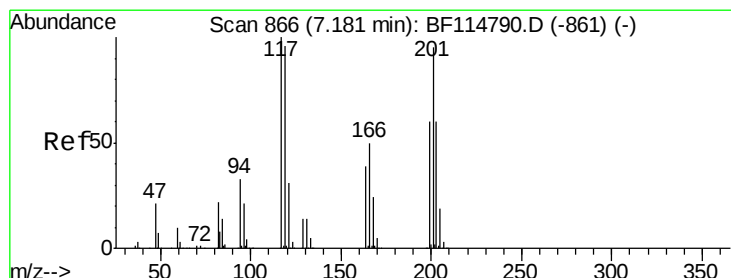
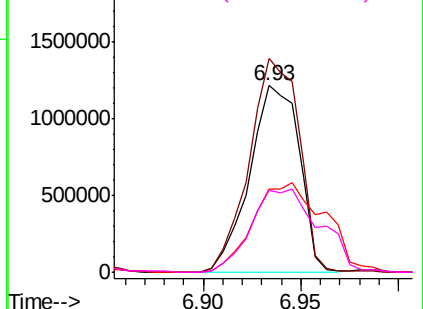
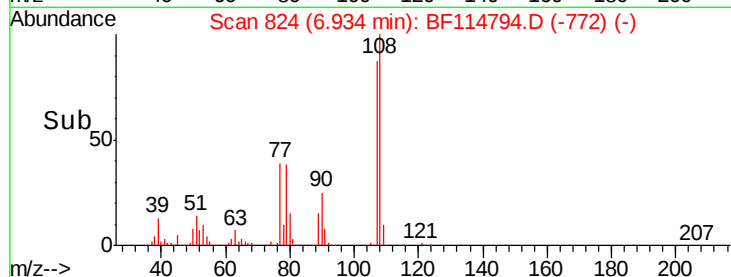
#17
2-Methylphenol
Concen: 94.468 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 2144152
Ion Ratio Lower Upper
107 100
108 114.5 90.2 135.2
77 44.9 34.5 51.7
79 43.7 33.8 50.6

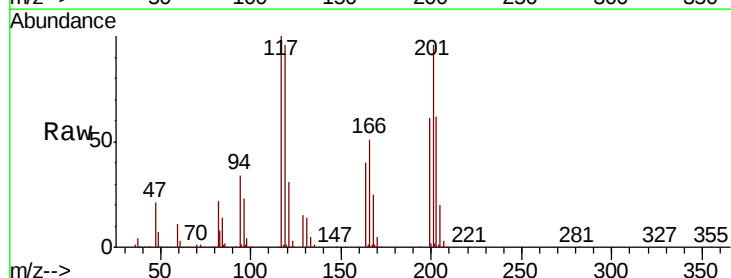


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

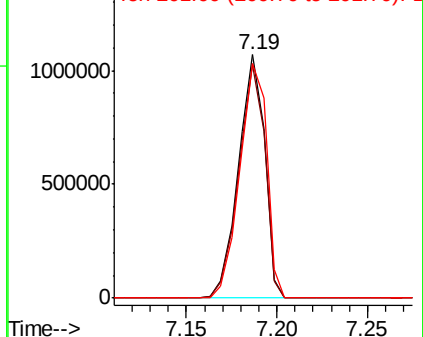
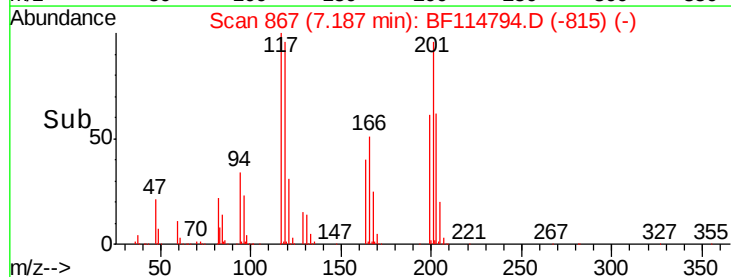


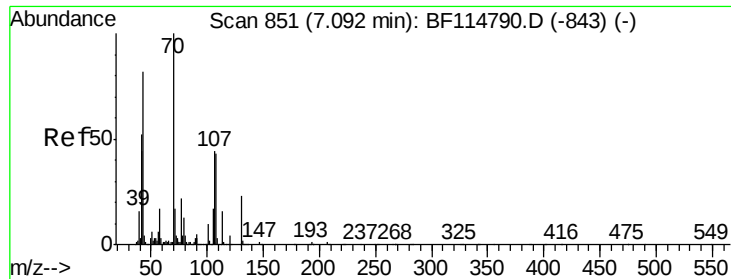
#18
Hexachloroethane
Concen: 91.215 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:117 Resp: 1069171
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.4
201 96.1 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



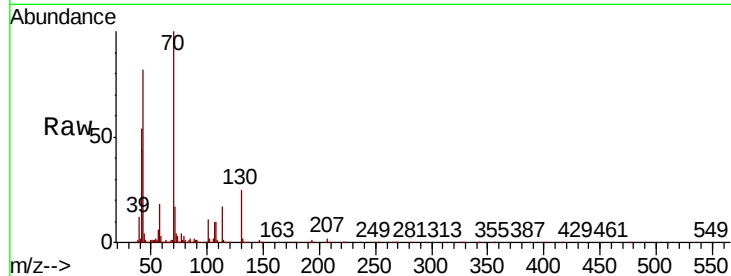


#19
n-Nitroso-di-n-propylamine
Concen: 94.764 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.02 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1754328

Ion	Ratio	Lower	Upper
70	100		
42	53.6	41.8	62.8
101	10.7	8.2	12.4
130	24.9	18.5	27.7



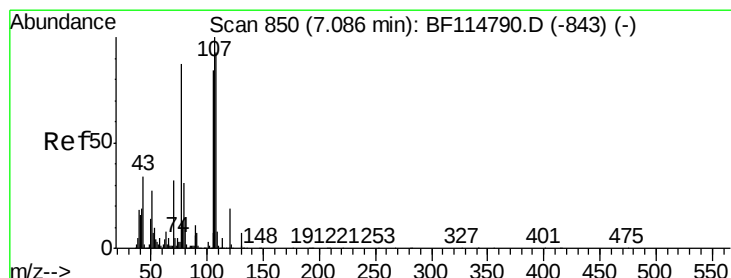
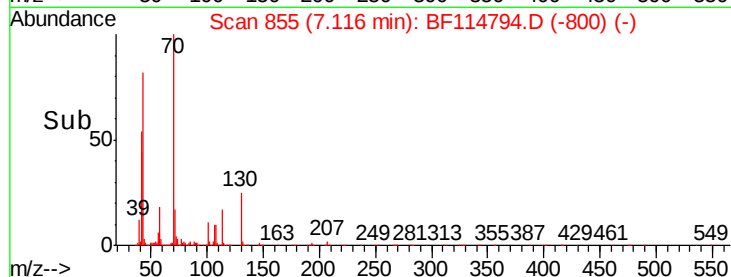
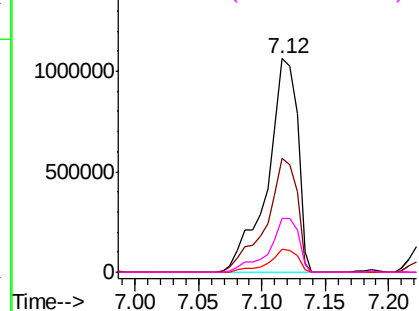
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

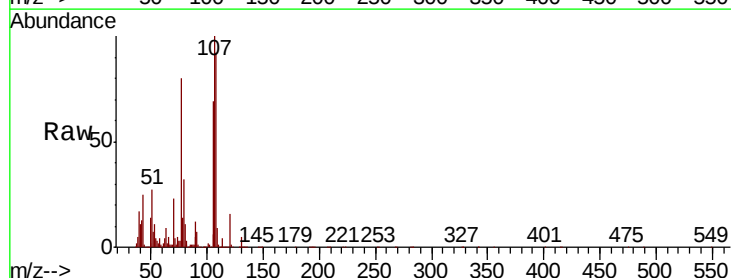
Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 84.094 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.02 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion: 107 Resp: 2107229

Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.5	113.5
77	80.1	67.2	107.2
79	31.6	10.6	50.6



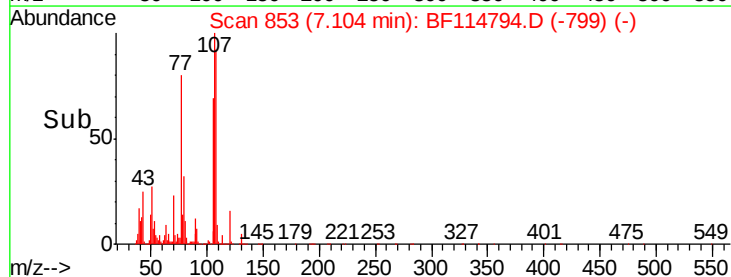
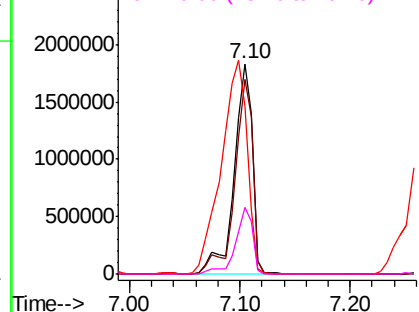
Abundance

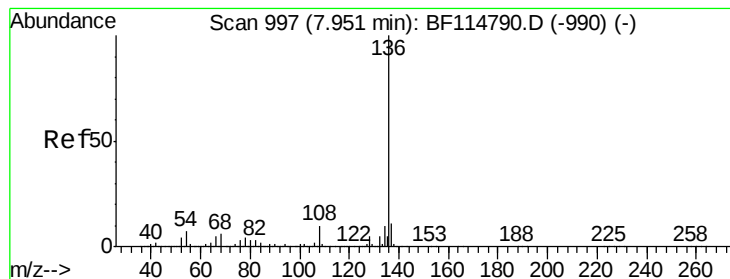
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1656408

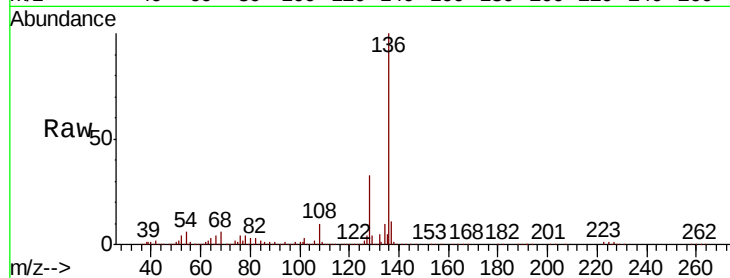
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.3 5.4 8.0

68 5.6 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E

2500000 Ion 137.00 (136.70 to 137.70): E

2000000 Ion 54.00 (53.70 to 54.70): BF1

1500000 Ion 68.00 (67.70 to 68.70): BF1

1000000

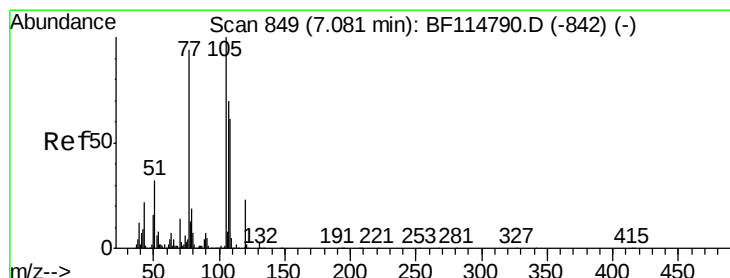
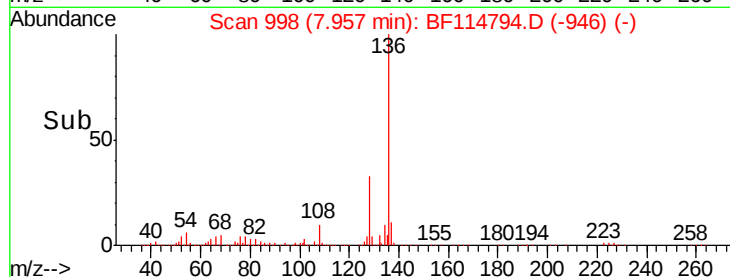
500000

0

7.96

7.90 7.95 8.00

Time-->



#22

Acetophenone

Concen: 89.653 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Tgt Ion:105 Resp: 3232035

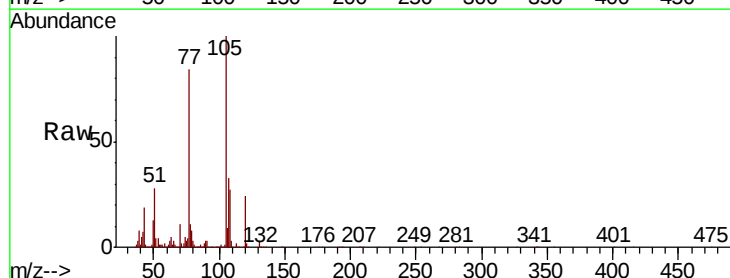
Ion Ratio Lower Upper

105 100

71 1.8 2.0 3.0#

51 28.5 25.4 38.0

120 24.1 18.7 28.1



Abundance Ion 105.00 (104.70 to 105.70): E

3000000 Ion 71.00 (70.70 to 71.70): BF1

2500000 Ion 51.00 (50.70 to 51.70): BF1

2000000 Ion 120.00 (119.70 to 120.70): E

1500000

1000000

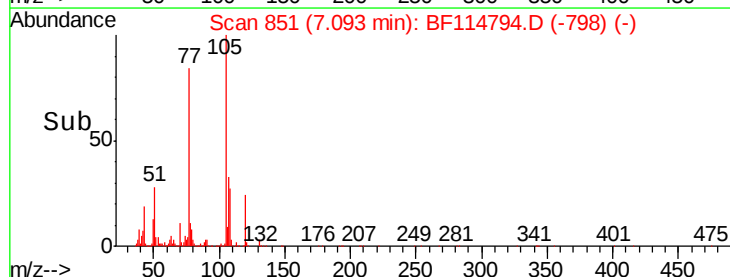
500000

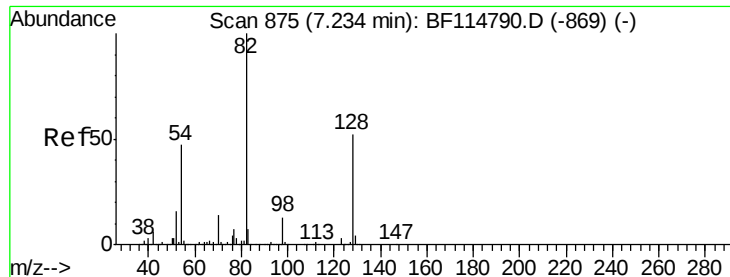
0

7.09

7.00 7.10 7.20 7.30

Time-->

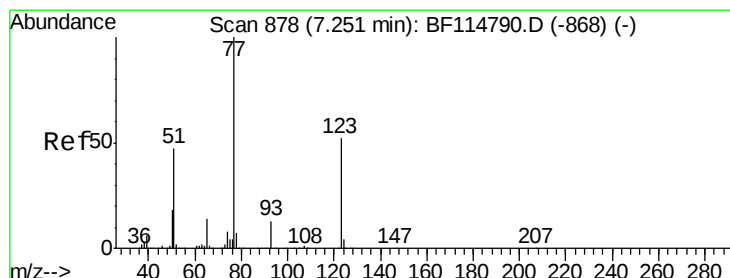
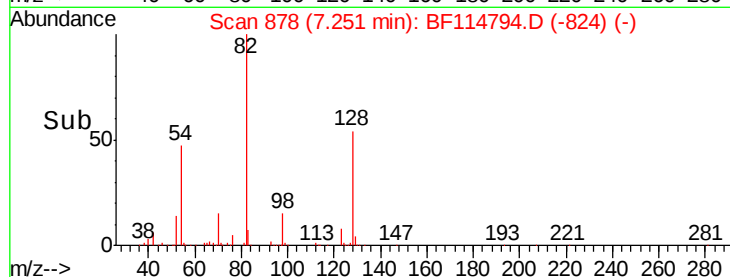
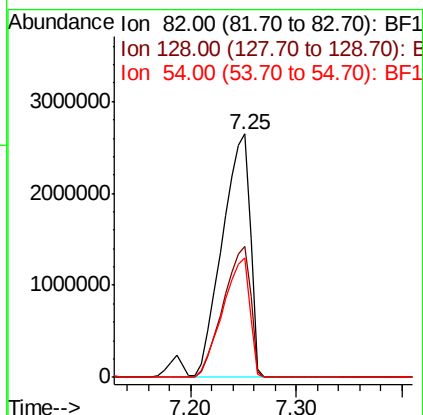
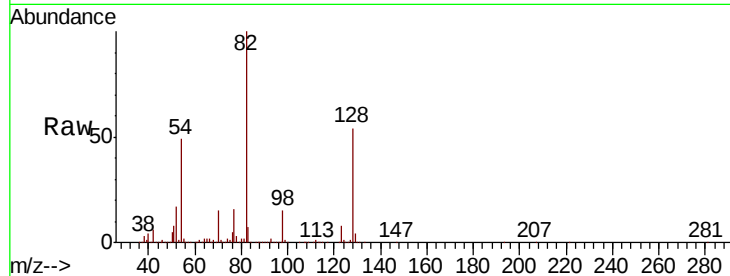




#23
 Nitrobenzene-d5
 Concen: 181.467 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.02 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

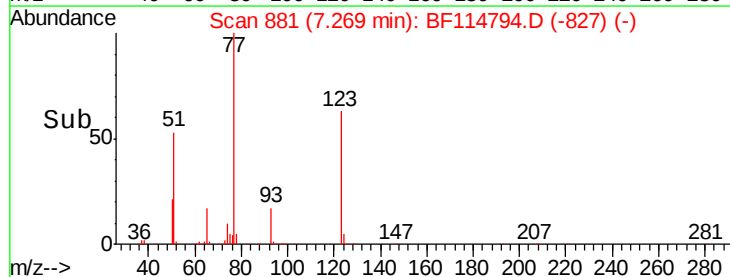
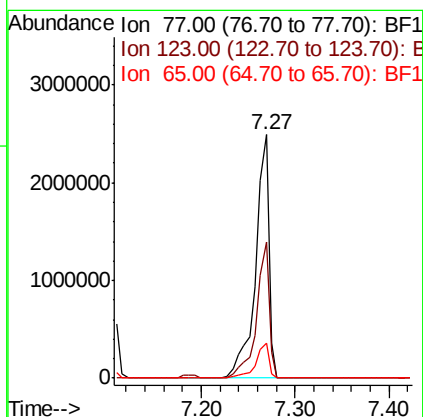
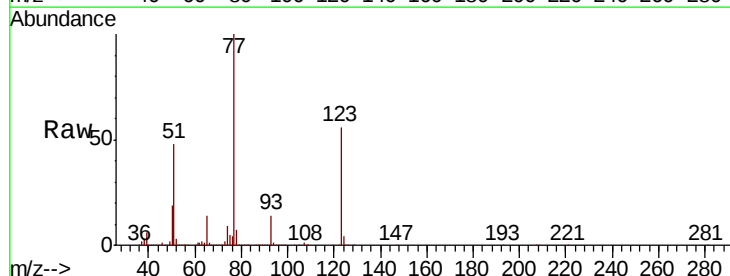
Instrument :
 BNA_F
 ClientSampleId :

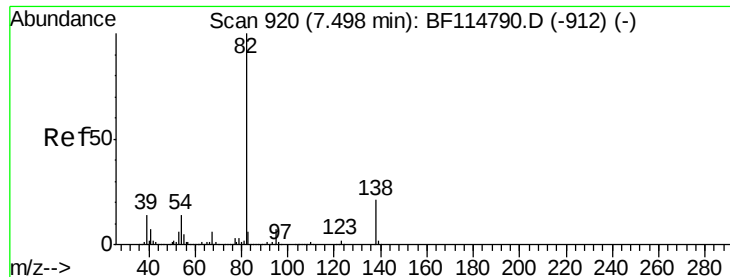
Tot Ion: 82 Resp: 4829032
 Ion Ratio Lower Upper
 82 100
 128 53.9 41.8 62.6
 54 49.0 37.9 56.9



#24
 Nitrobenzene
 Concen: 88.661 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.02 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

Tgt Ion: 77 Resp: 2449599
 Ion Ratio Lower Upper
 77 100
 123 55.9 41.5 62.3
 65 14.4 10.8 16.2





#25

Isophorone

Concen: 100.345 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampled :

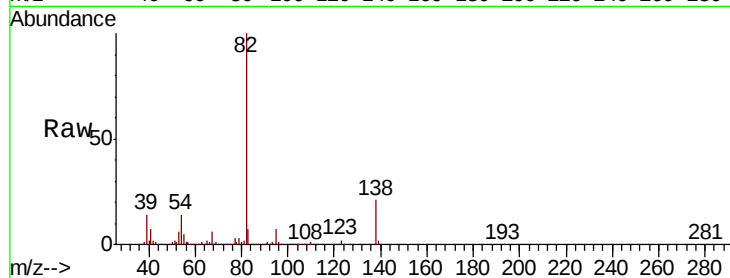
Tot Ion: 82 Resp: 5261247

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

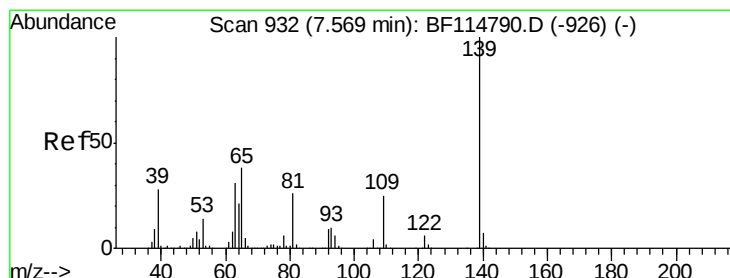
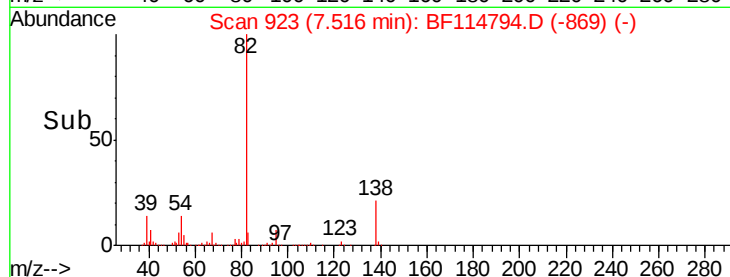
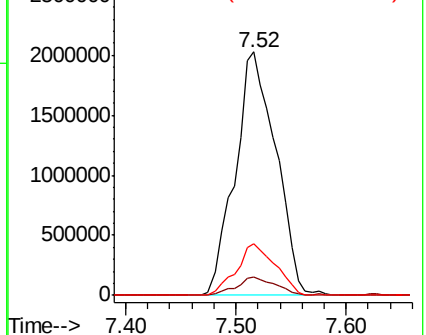
138 21.2 16.9 25.3



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: 99.354 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

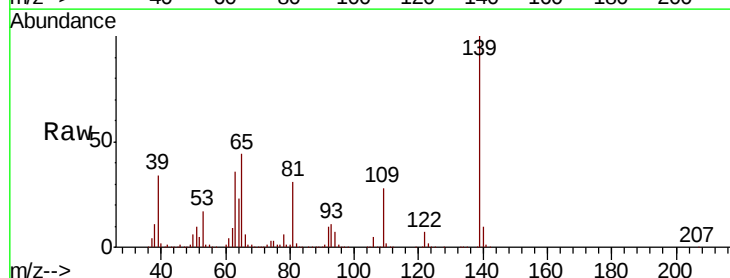
Tgt Ion: 139 Resp: 1478317

Ion Ratio Lower Upper

139 100

109 28.1 20.4 30.6

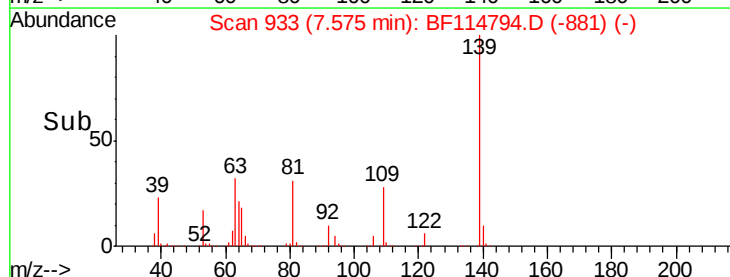
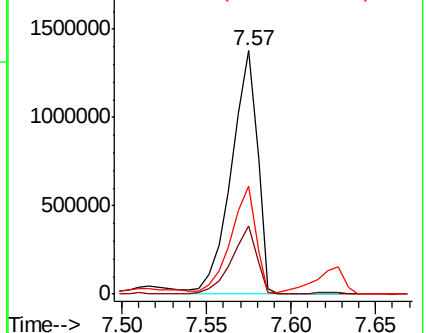
65 44.3 30.5 45.7

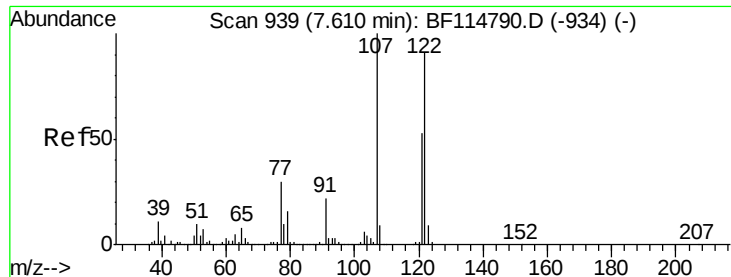


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 92.918 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampled :

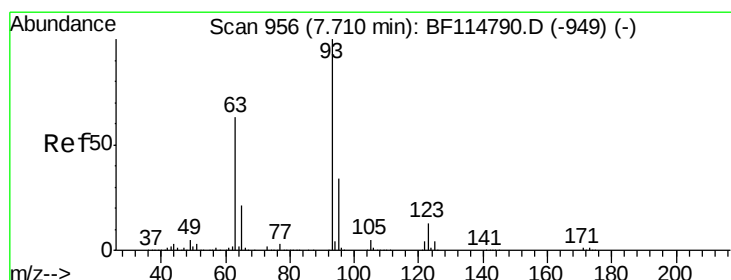
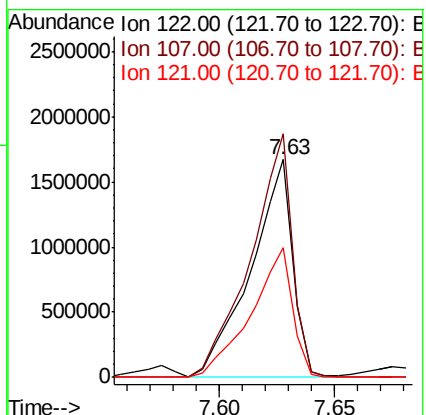
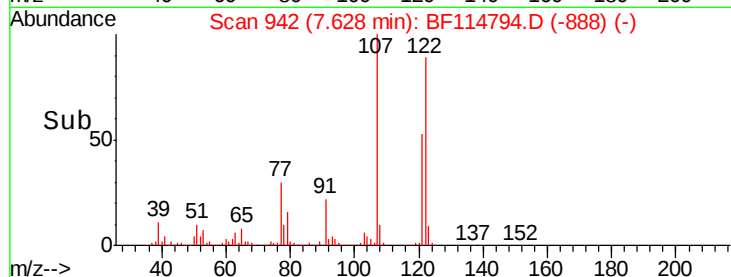
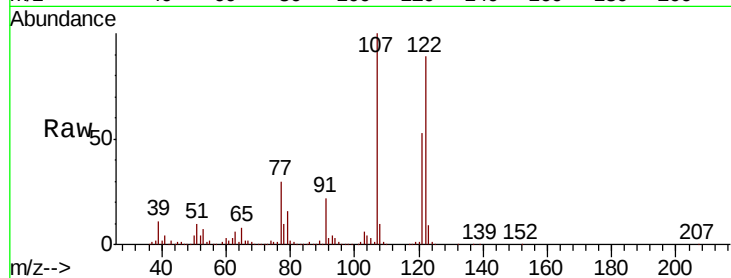
Tot Ion:122 Resp: 2106313

Ion Ratio Lower Upper

122 100

107 111.8 87.9 131.9

121 59.6 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 91.001 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

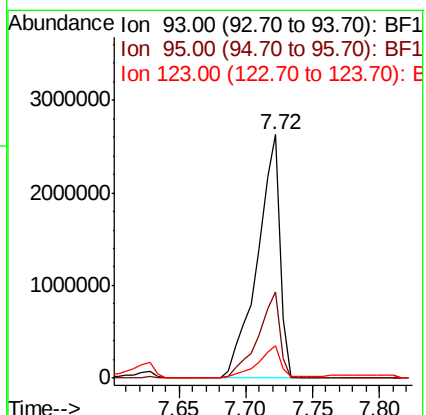
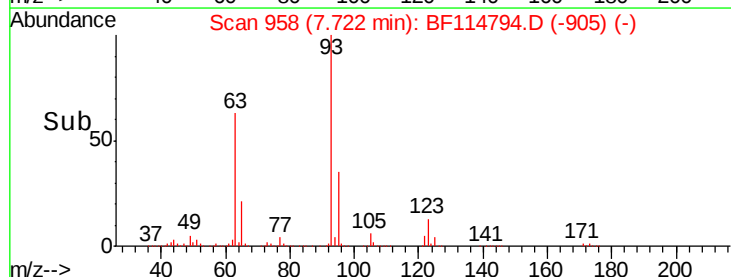
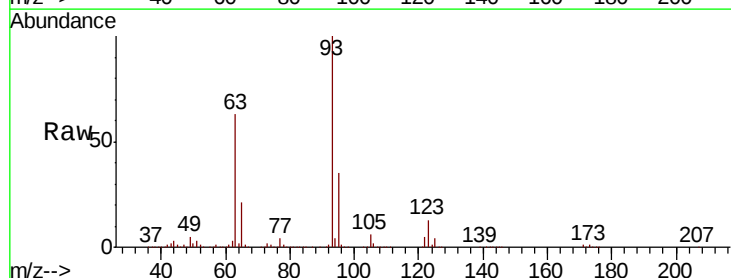
Tgt Ion: 93 Resp: 3057716

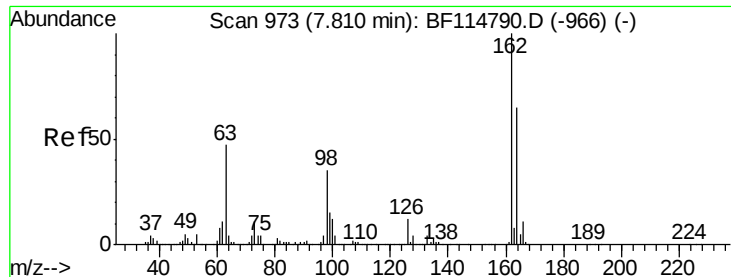
Ion Ratio Lower Upper

93 100

95 35.4 26.9 40.3

123 13.3 10.4 15.6

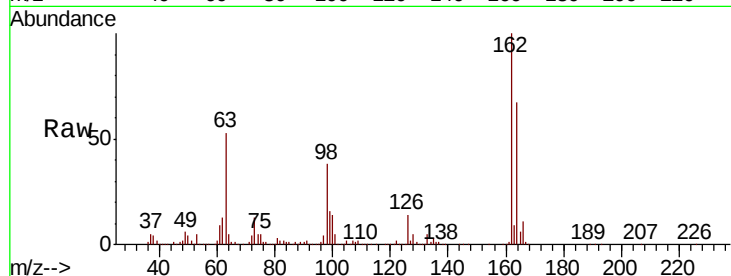




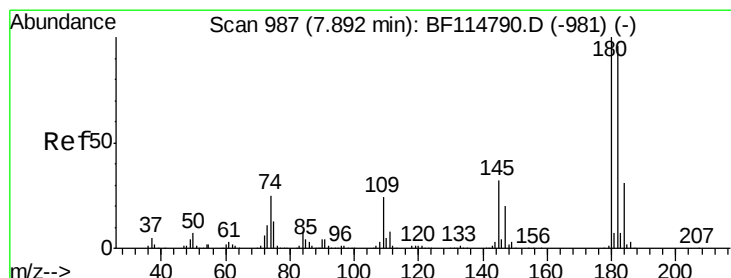
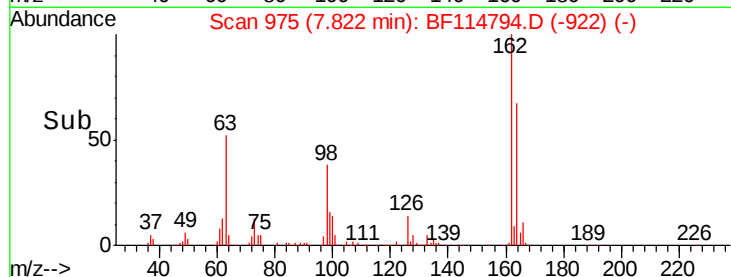
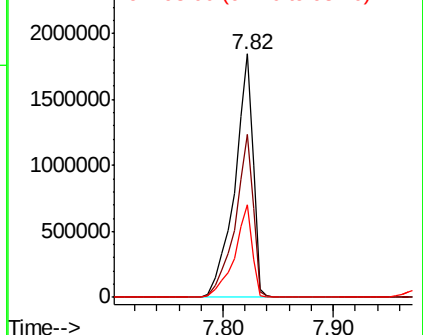
#29
2,4-Dichlorophenol
Concen: 90.472 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 2161442
Ion Ratio Lower Upper
162 100
164 66.8 45.1 85.1
98 38.3 14.6 54.6

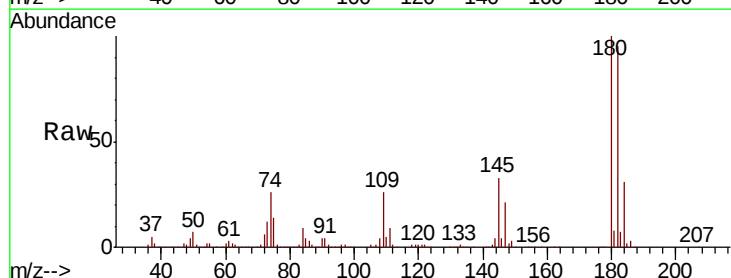


Abundance Ion 162.00 (161.70 to 162.70): E
2500000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

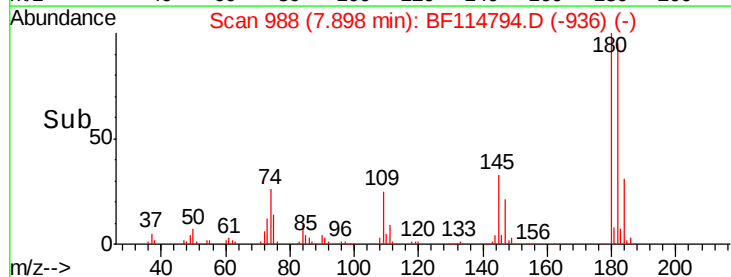
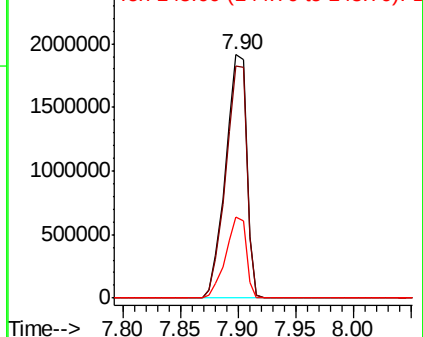


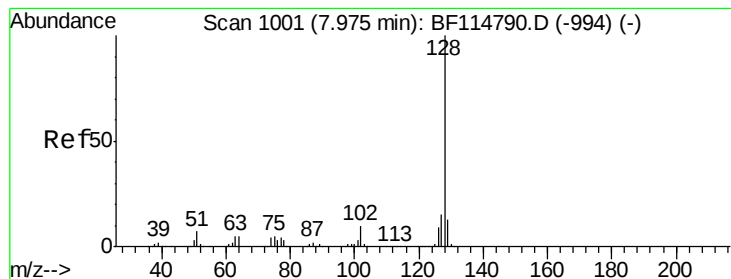
#30
1,2,4-Trichlorobenzene
Concen: 88.595 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:180 Resp: 2427467
Ion Ratio Lower Upper
180 100
182 95.1 76.5 114.7
145 33.4 25.8 38.8



Abundance Ion 180.00 (179.70 to 180.70): E
2500000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 79.527 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

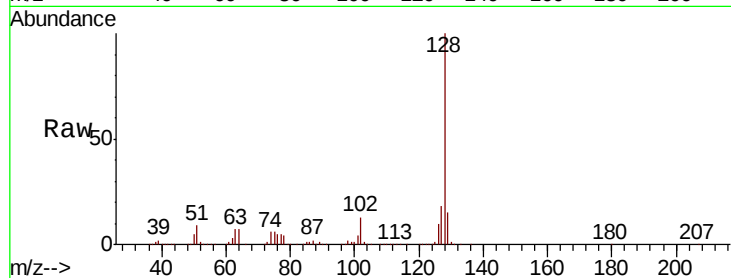
Tot Ion:128 Resp: 5875191

Ion Ratio Lower Upper

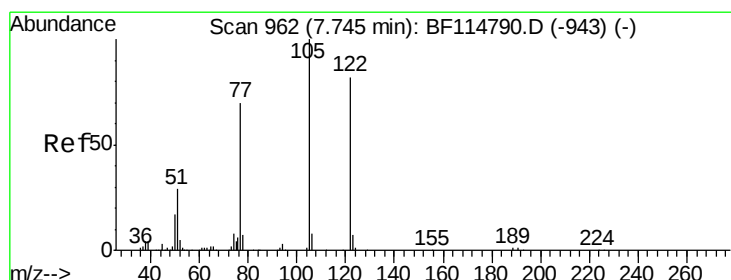
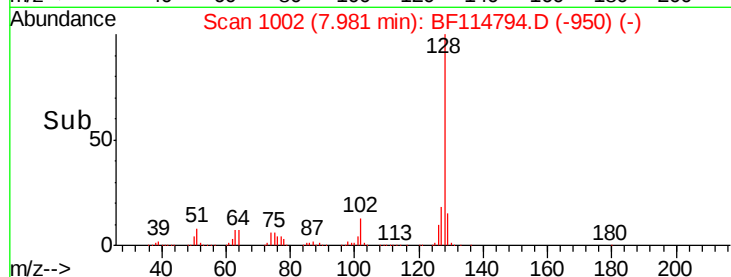
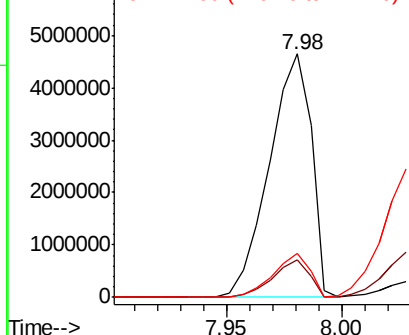
128 100

129 15.3 10.0 15.0#

127 18.0 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: 113.413 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.06 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

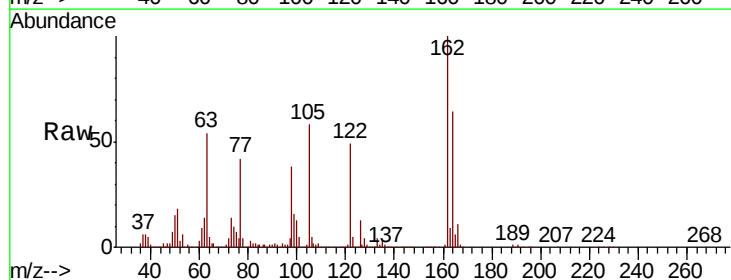
Tgt Ion:122 Resp: 1866533

Ion Ratio Lower Upper

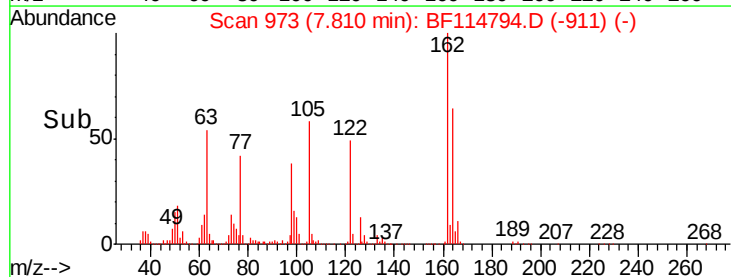
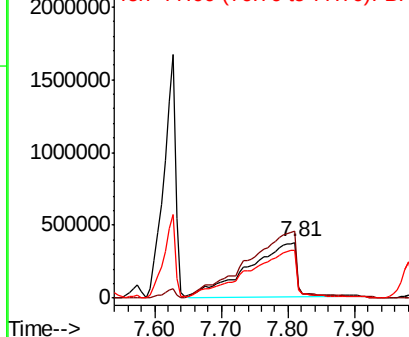
122 100

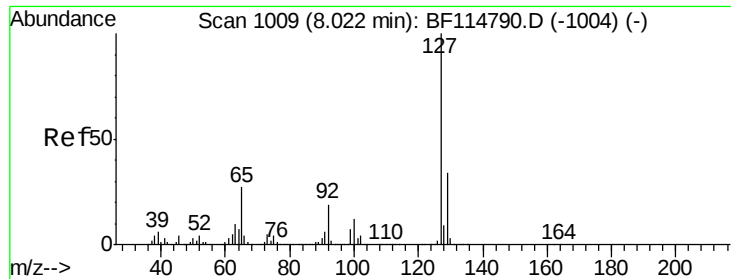
105 119.2 98.7 138.7

77 86.1 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

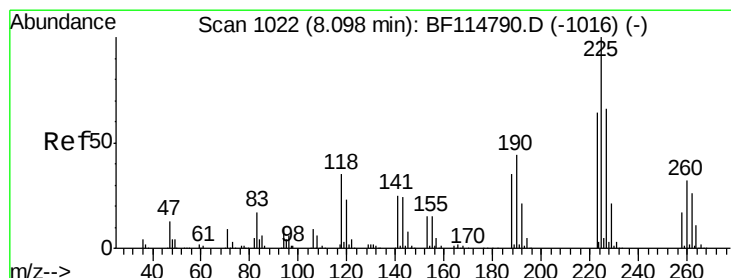
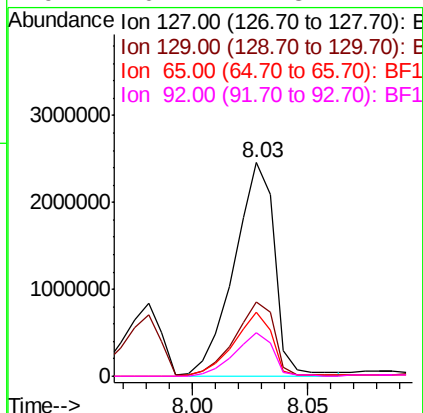
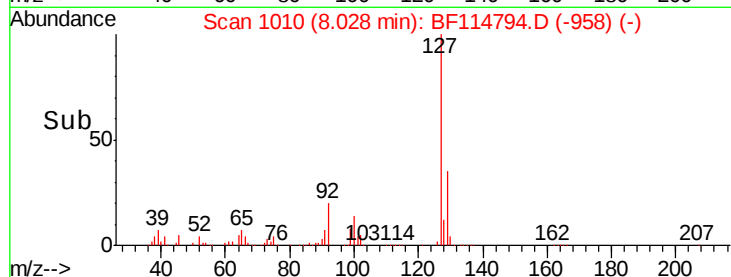
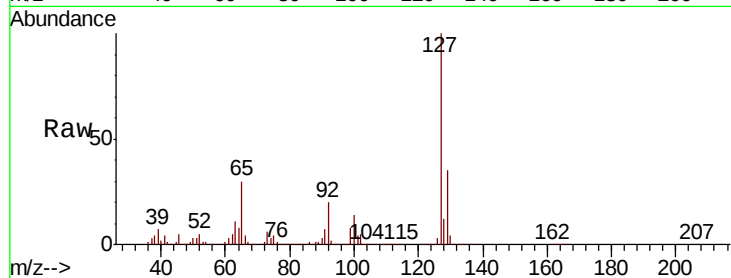




#33
4-Chloroaniline
Concen: 85.889 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

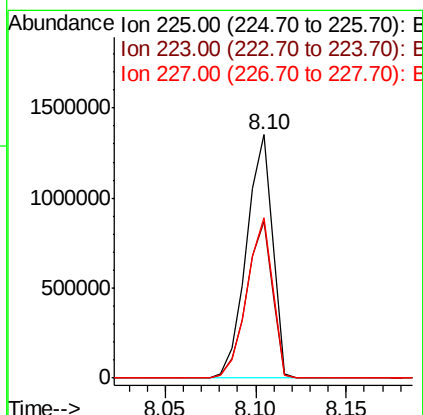
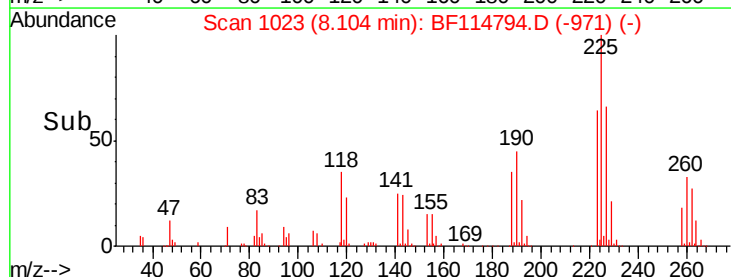
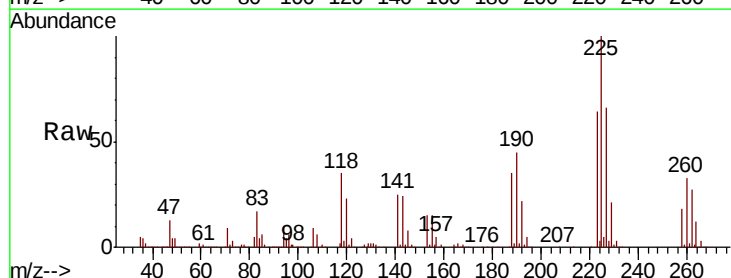
Instrument :
BNA_F
ClientSampleId :

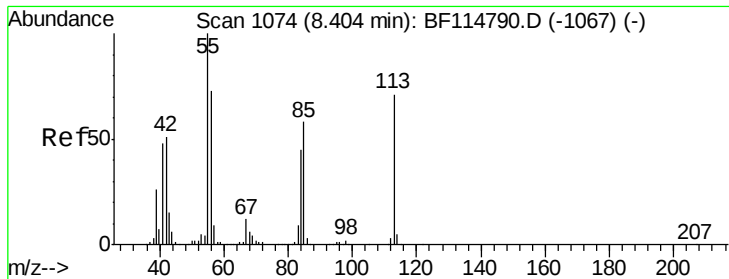
Tot Ion:127 Resp: 3019856
Ion Ratio Lower Upper
127 100
129 34.9 26.9 40.3
65 30.1 21.7 32.5
92 20.2 14.8 22.2



#34
Hexachlorobutadiene
Concen: 86.588 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:225 Resp: 1348573
Ion Ratio Lower Upper
225 100
223 64.4 51.0 76.6
227 65.8 52.6 78.8

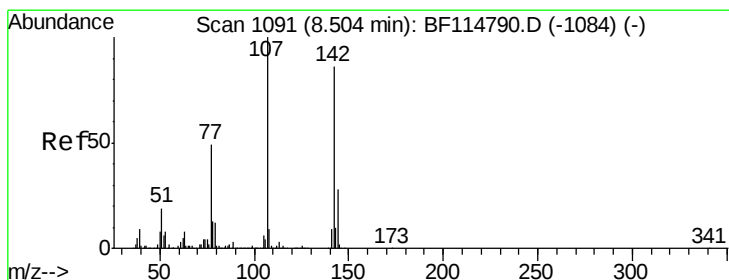
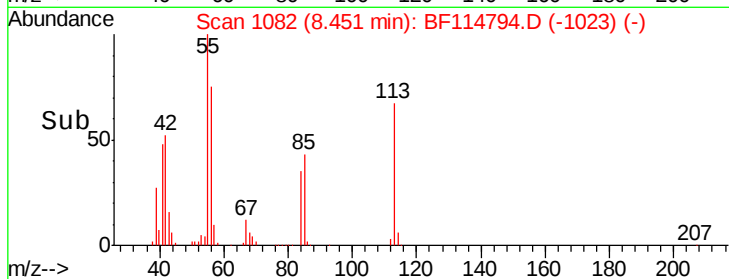
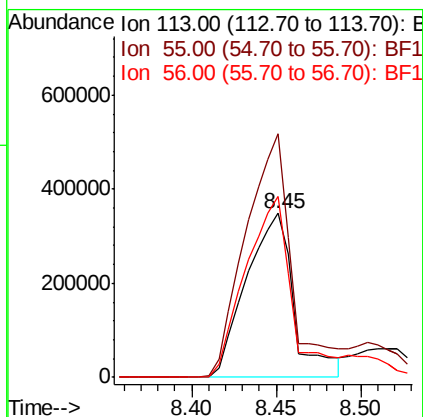
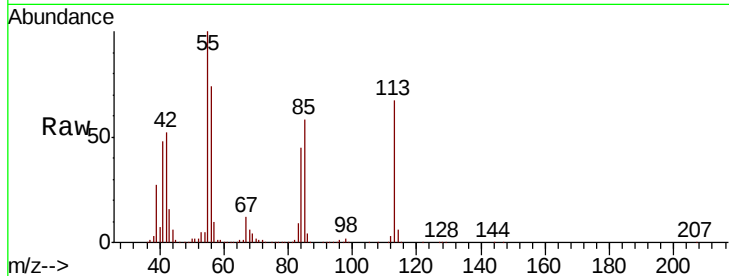




#35
 Caprolactam
 Concen: 88.514 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. 0.05 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

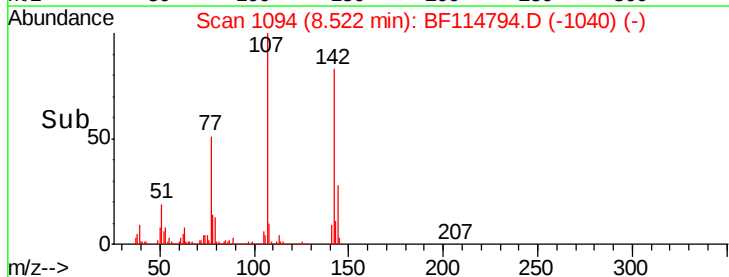
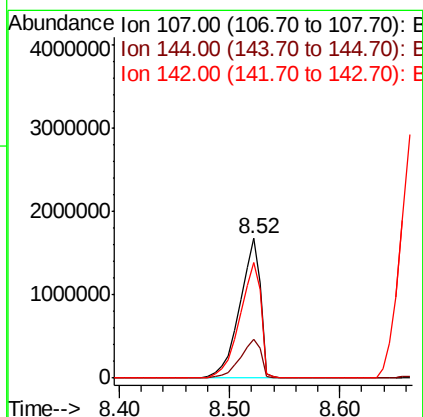
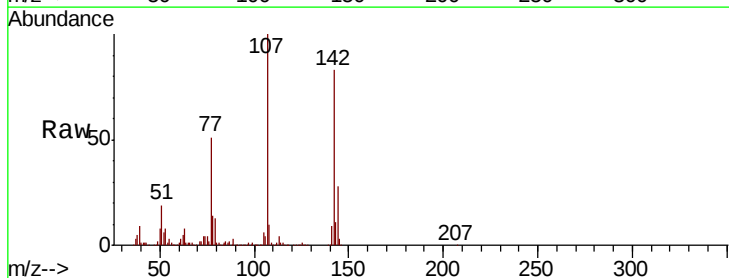
Instrument :
 BNA_F
 ClientSampleId :

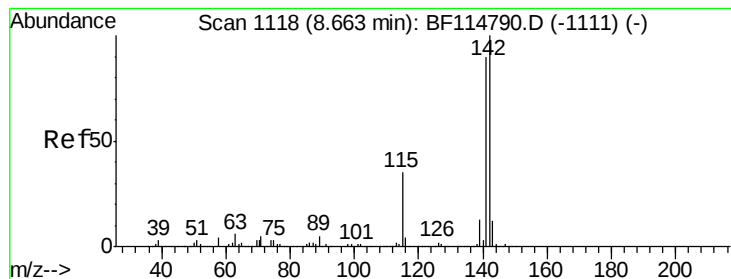
Tot Ion:113 Resp: 677725
 Ion Ratio Lower Upper
 113 100
 55 148.8 121.1 161.1
 56 110.8 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 92.927 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.02 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

Tgt Ion:107 Resp: 2204629
 Ion Ratio Lower Upper
 107 100
 144 27.9 22.1 33.1
 142 83.3 68.4 102.6

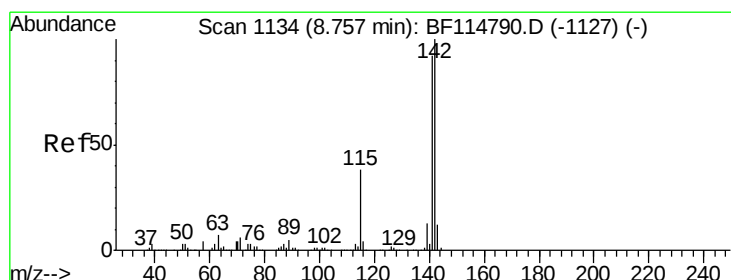
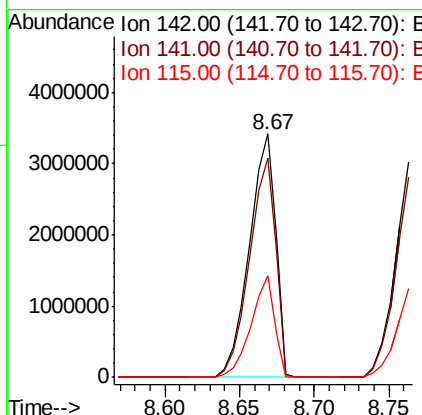
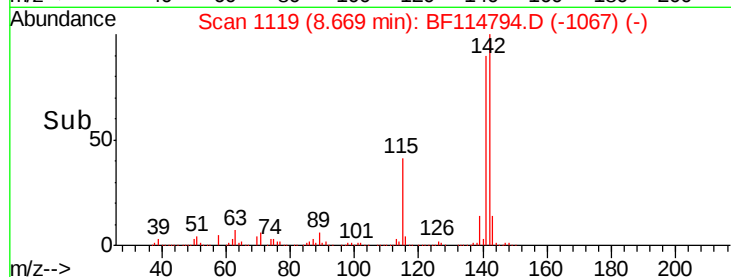
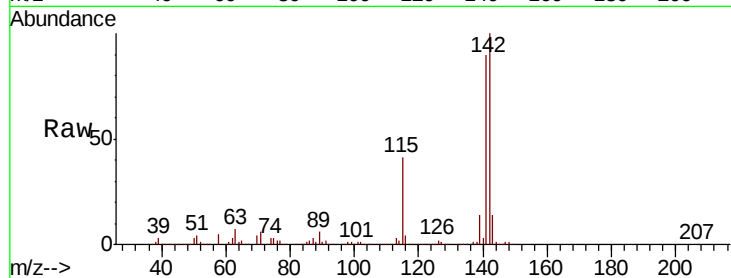




#37
2-Methylnaphthalene
Concen: 80.678 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

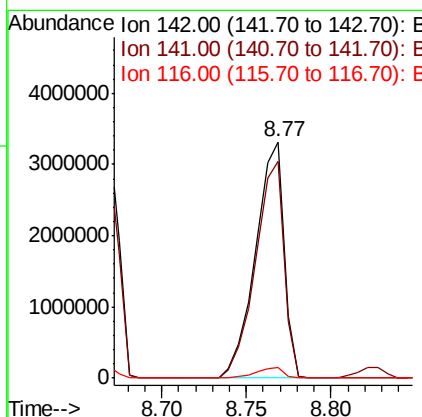
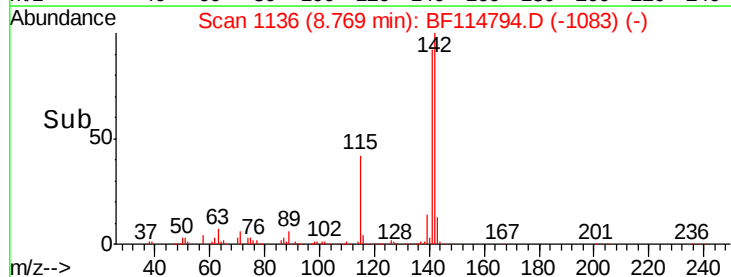
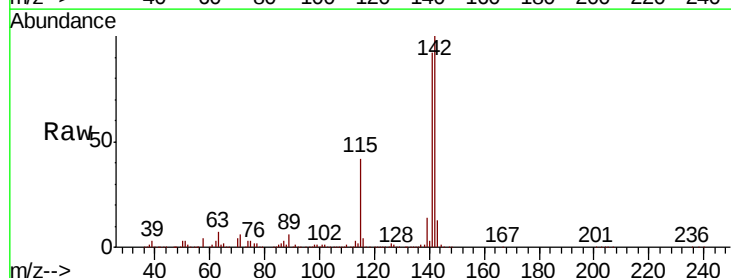
Instrument :
BNA_F
ClientSampleId :

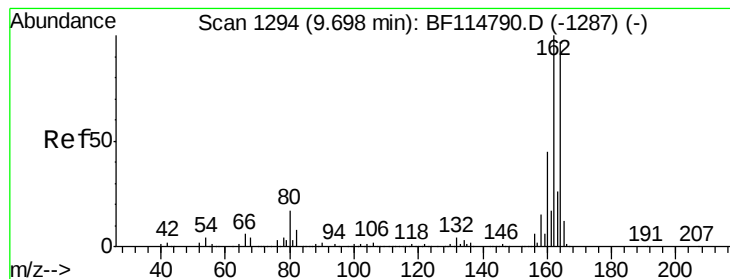
Tot Ion:142 Resp: 4138805
Ion Ratio Lower Upper
142 100
141 90.2 71.6 107.4
115 41.5 28.2 42.4



#38
1-Methylnaphthalene
Concen: 80.224 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:142 Resp: 3894842
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6
116 4.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampled :

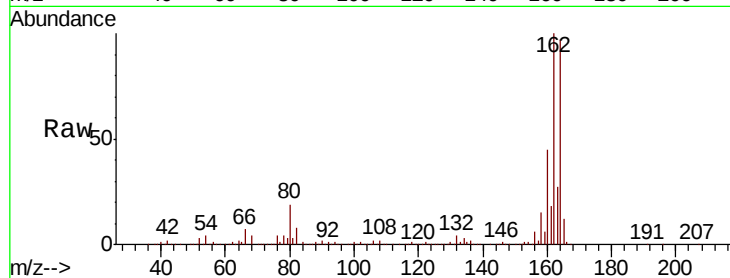
Tot Ion:164 Resp: 809720

Ion Ratio Lower Upper

164 100

162 103.3 82.3 123.5

160 46.2 36.7 55.1

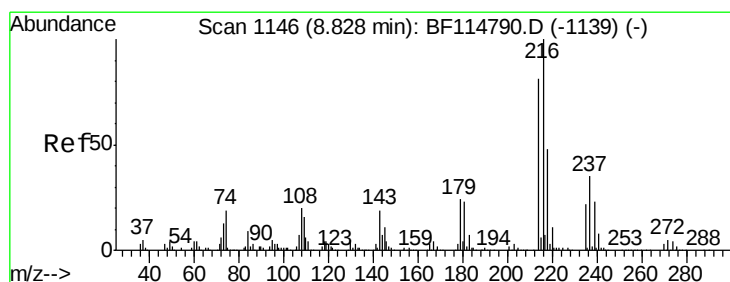
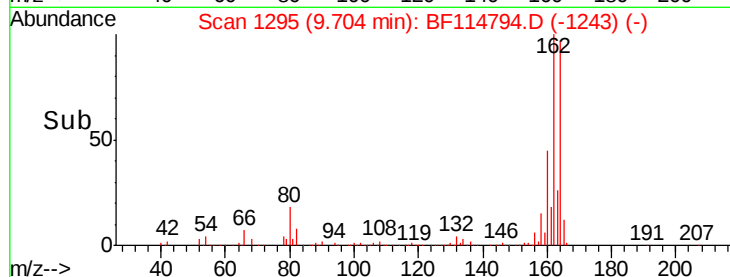
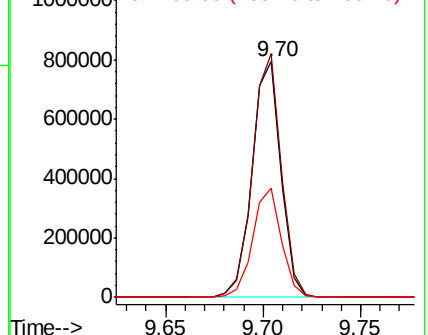


Abundance

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: 80.680 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Tgt Ion:216 Resp: 1865007

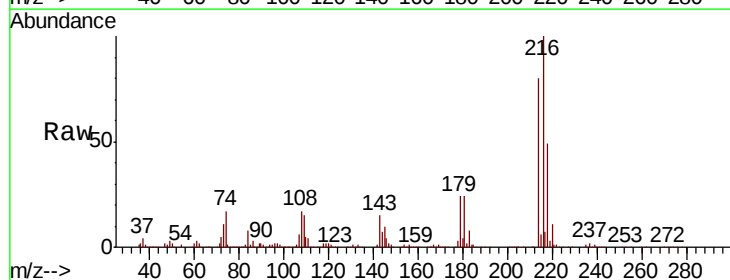
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 23.9 18.3 27.5

108 20.5 15.5 23.3



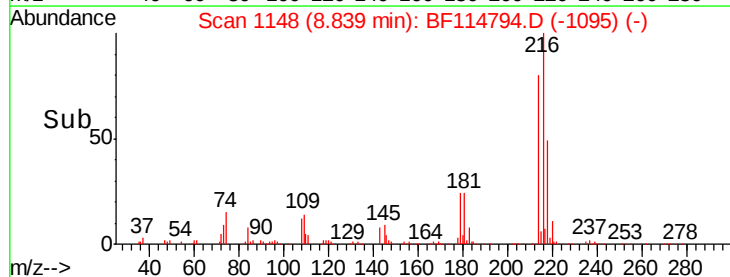
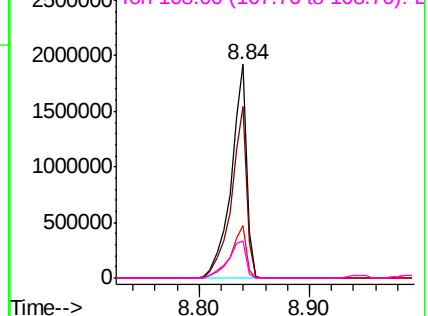
Abundance

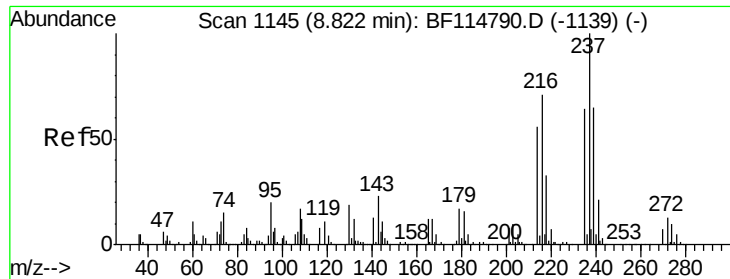
Ion 216.00 (215.70 to 216.70): E

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: 93.903 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

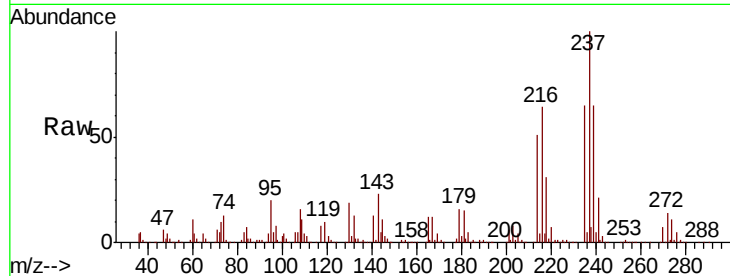
Tot Ion:237 Resp: 1313165

Ion Ratio Lower Upper

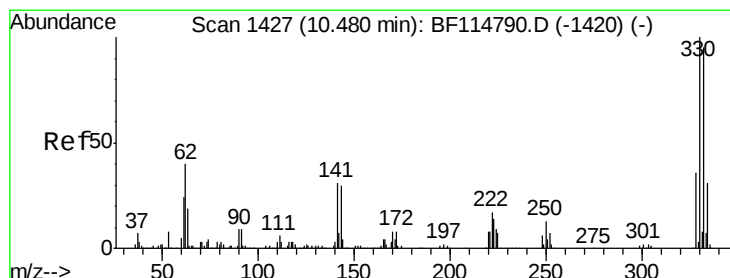
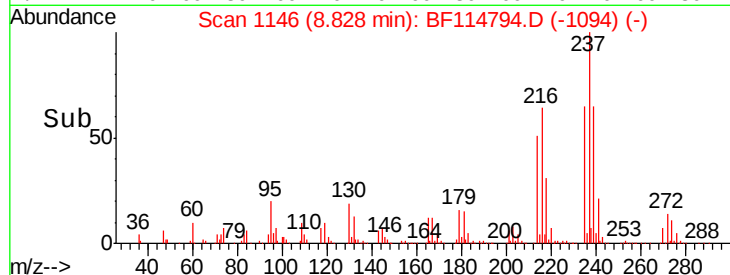
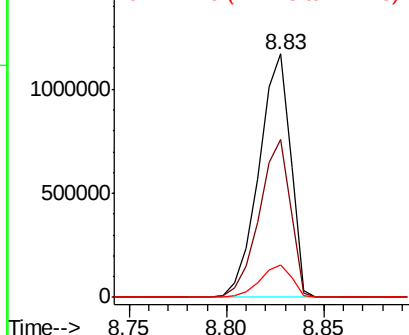
237 100

235 64.8 44.0 84.0

272 13.6 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: 167.865 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

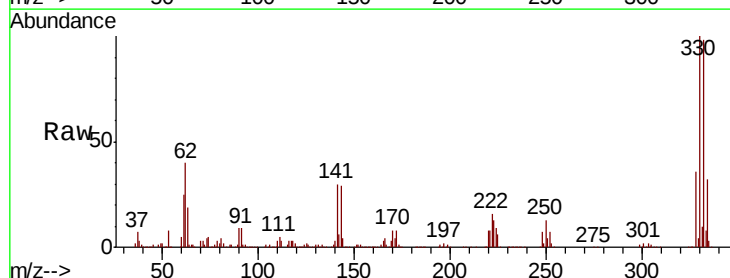
Tgt Ion:330 Resp: 1448917

Ion Ratio Lower Upper

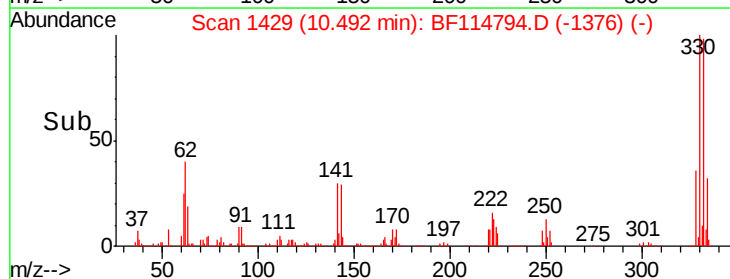
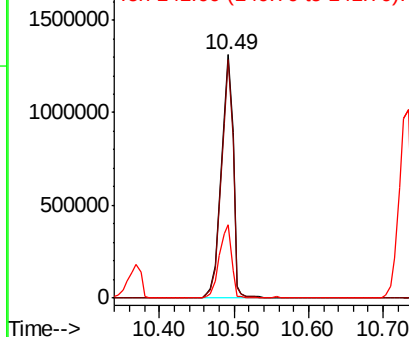
330 100

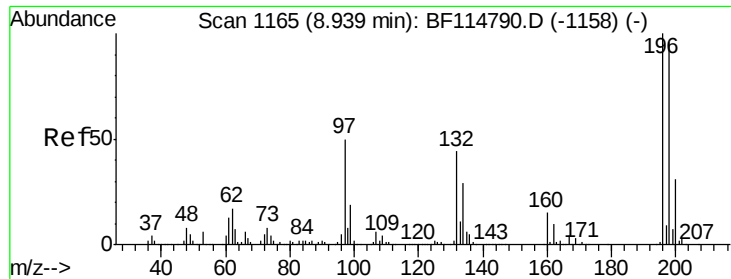
332 96.7 77.3 115.9

141 31.4 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

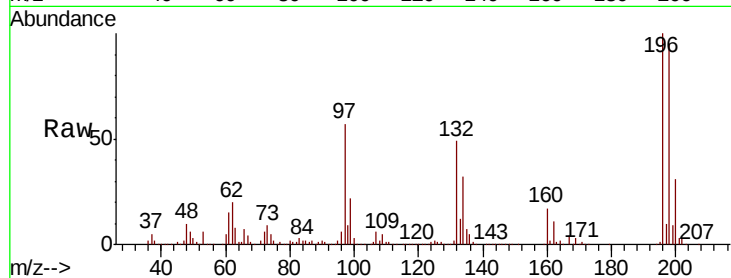




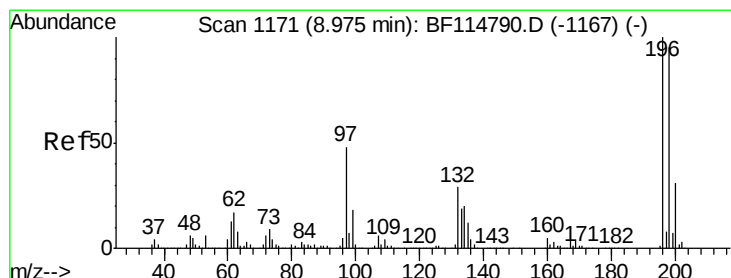
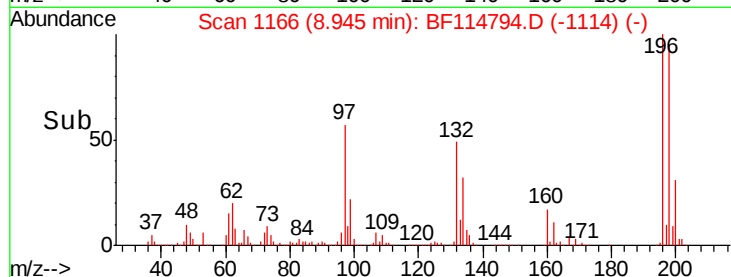
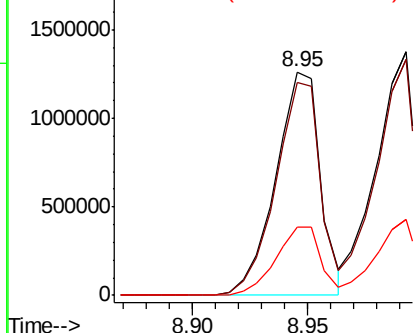
#43
 2,4,6-Trichlorophenol
 Concen: 94.240 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1691856
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 200 30.8 24.6 36.8

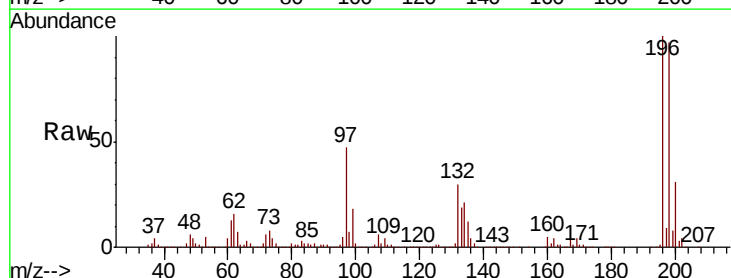


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

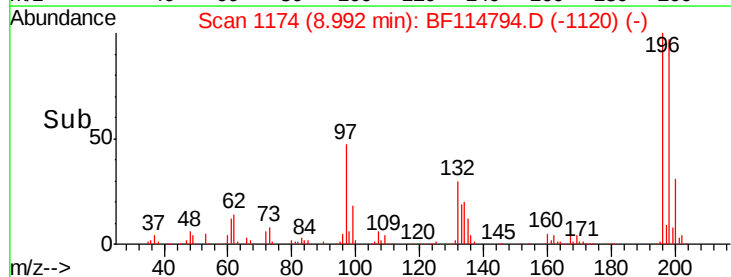
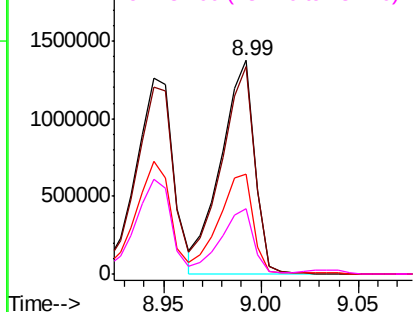


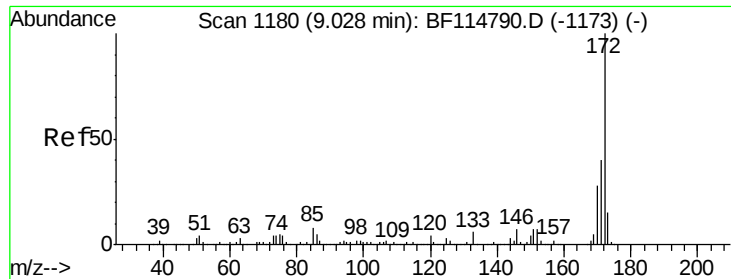
#44
 2,4,5-Trichlorophenol
 Concen: 91.531 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

Tgt Ion:196 Resp: 1653083
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.4
 97 46.8 38.2 57.4
 132 30.4 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

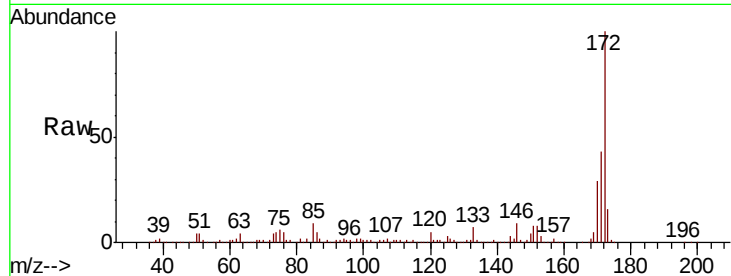




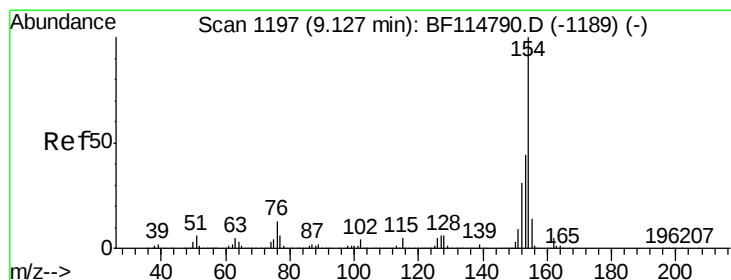
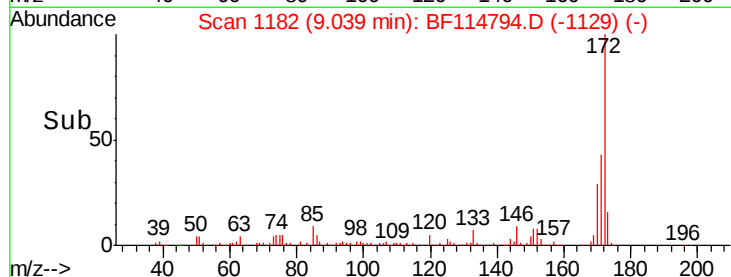
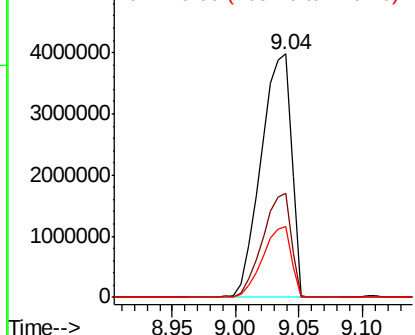
#45
2-Fluorobiphenyl
Concen: 143.573 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 6631596
Ion Ratio Lower Upper
172 100
171 42.7 32.3 48.5
170 29.2 22.4 33.6

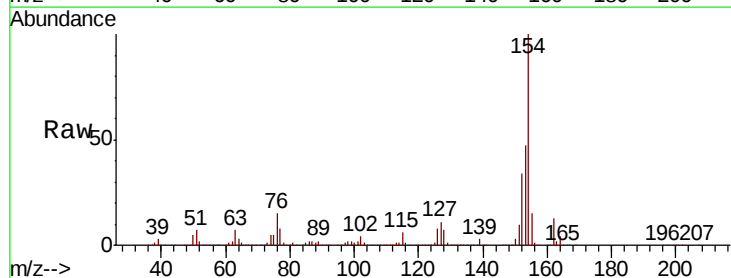


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

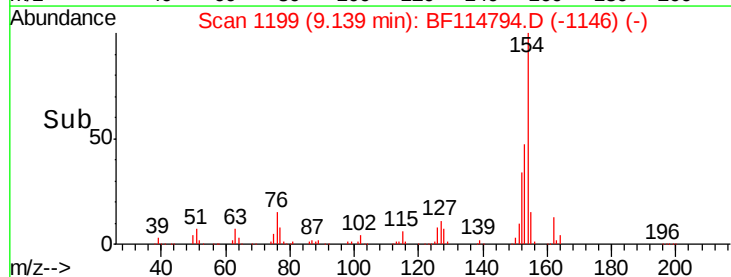
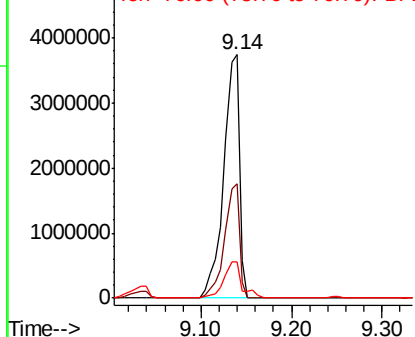


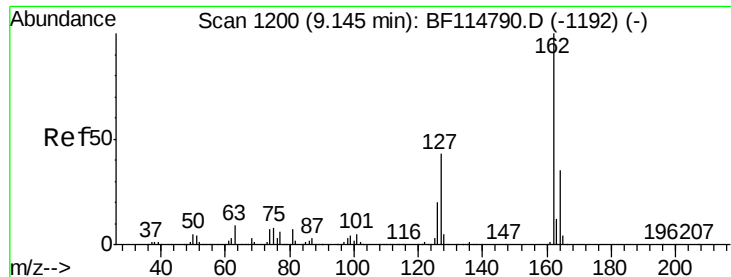
#46
1,1'-Biphenyl
Concen: 74.605 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:154 Resp: 4452133
Ion Ratio Lower Upper
154 100
153 47.1 23.9 63.9
76 15.0 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



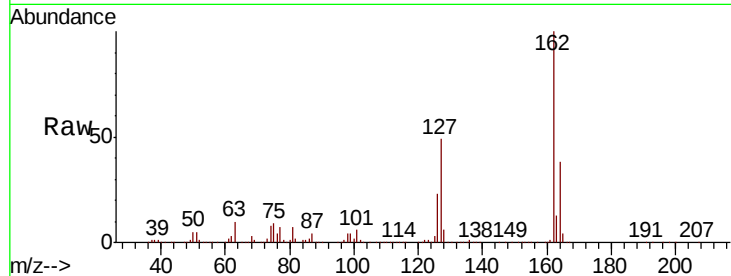


#47
 2-Chloronaphthalene
 Concen: 79.658 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

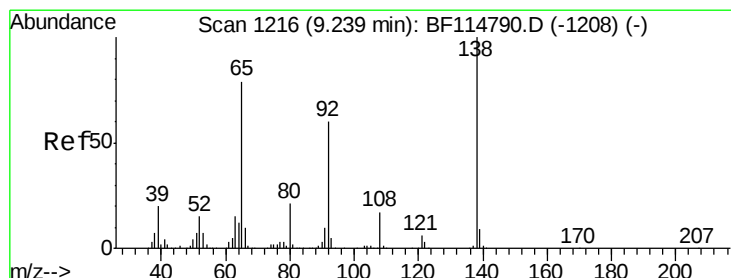
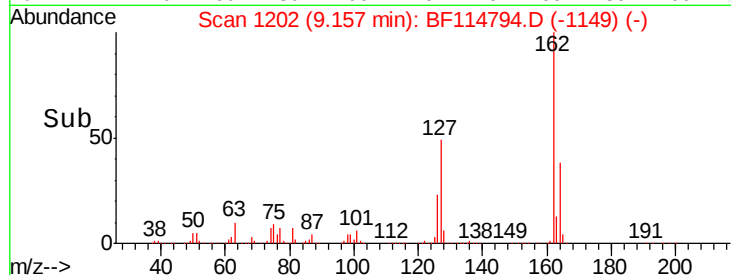
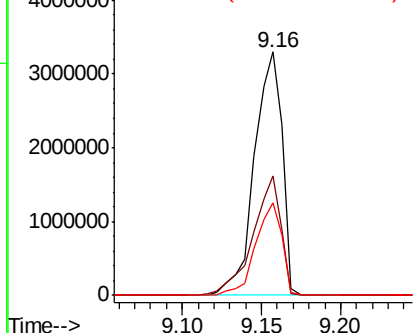
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 4027488

Ion	Ratio	Lower	Upper
162	100		
127	48.9	34.6	51.8
164	37.9	27.8	41.8



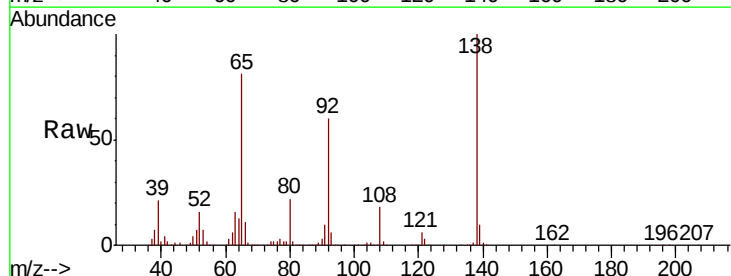
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



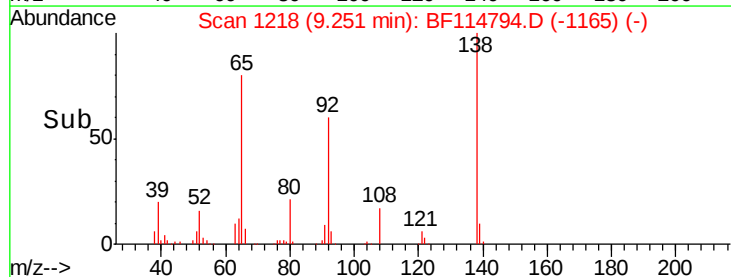
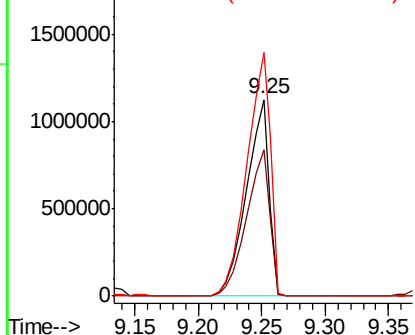
#48
 2-Nitroaniline
 Concen: 93.581 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

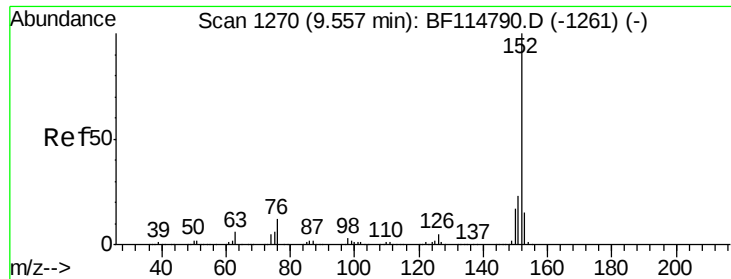
Tgt Ion: 65 Resp: 1405672

Ion	Ratio	Lower	Upper
65	100		
92	74.7	60.4	90.6
138	123.7	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: 76.416 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

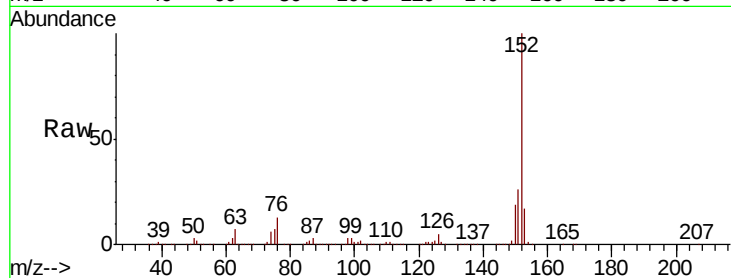
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 5599267

Ion	Ratio	Lower	Upper
152	100		
151	26.0	18.3	27.5
153	17.2	12.3	18.5

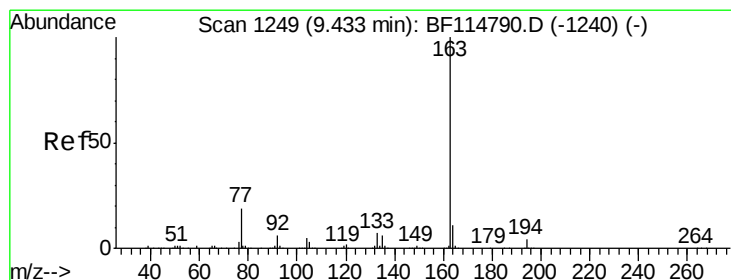
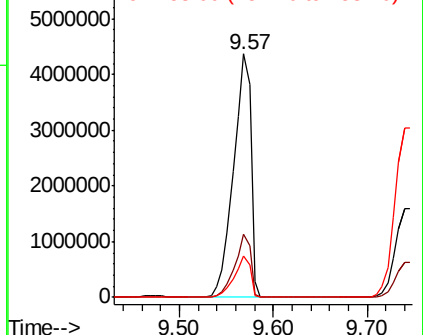
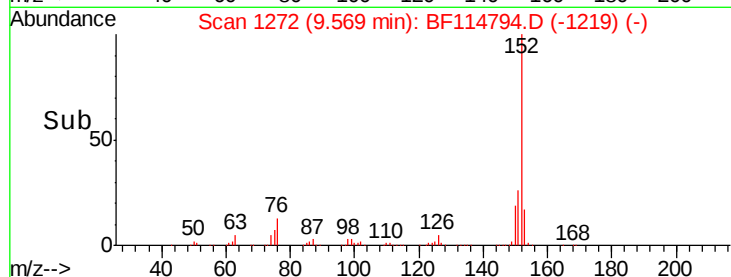


Abundance

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: 86.761 ng

RT: 9.45 min Scan# 1252

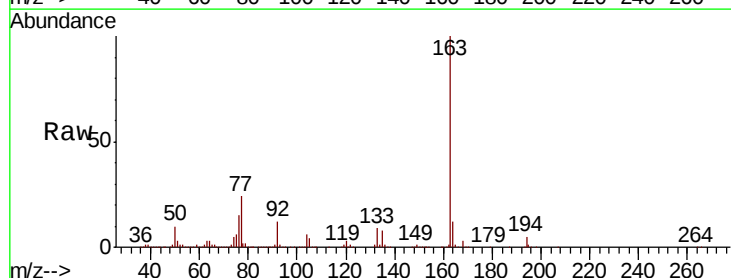
Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Tgt Ion:163 Resp: 5069851

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	12.3	8.6	13.0

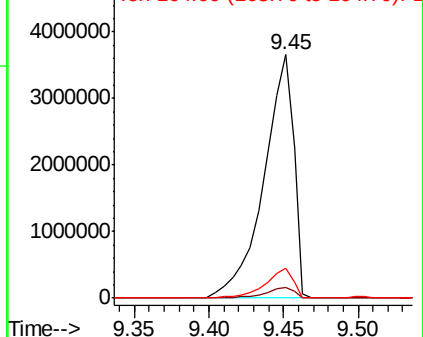
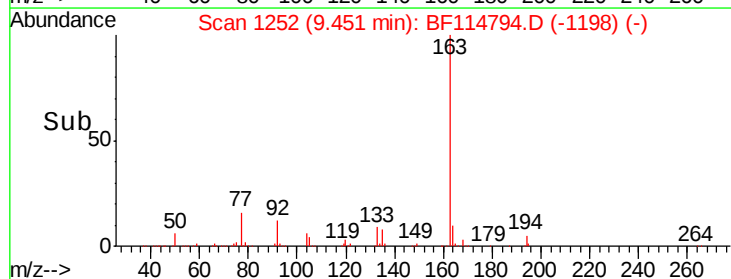


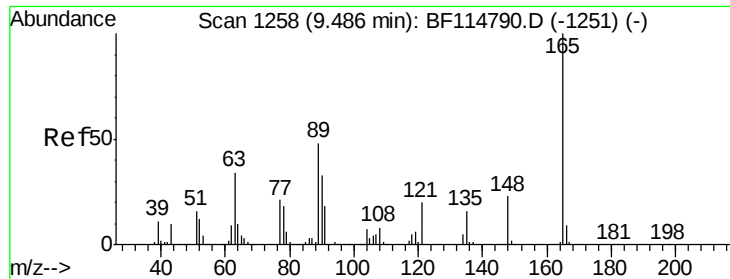
Abundance

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

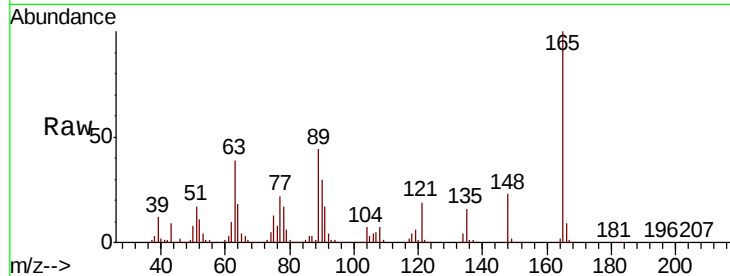




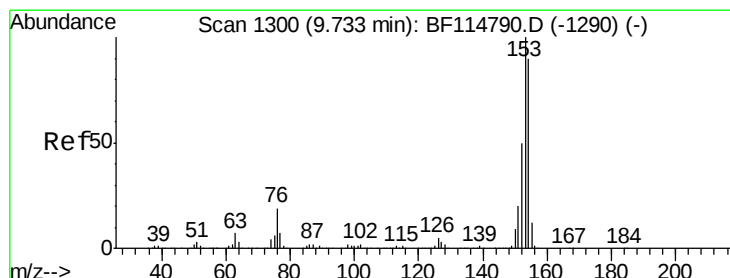
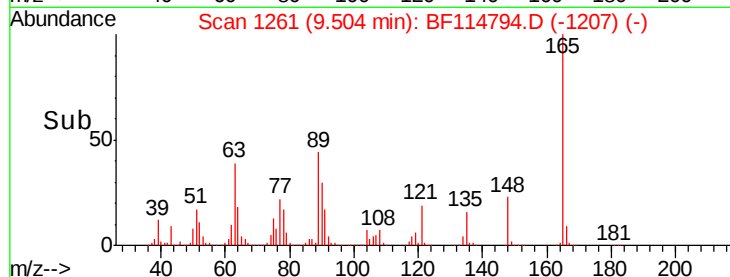
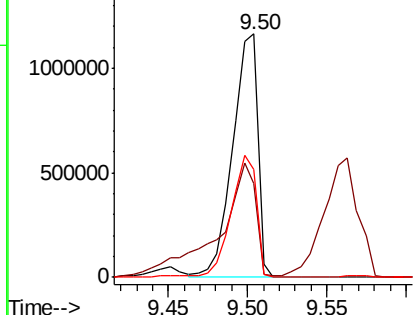
#51
2,6-Dinitrotoluene
Concen: 93.459 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.02 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1282635
Ion Ratio Lower Upper
165 100
63 38.7 35.1 52.7
89 44.5 38.2 57.2

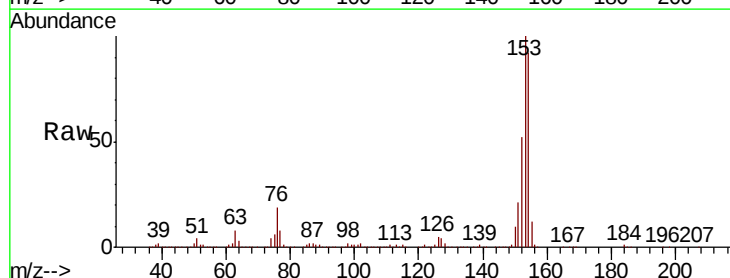


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

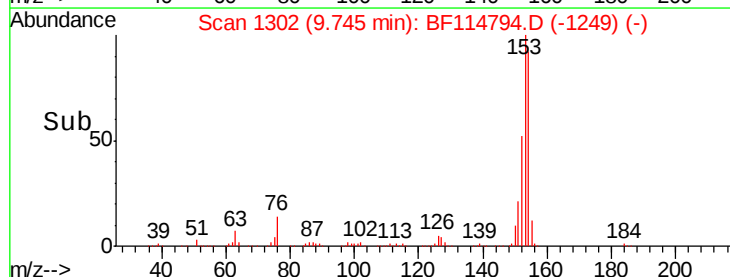
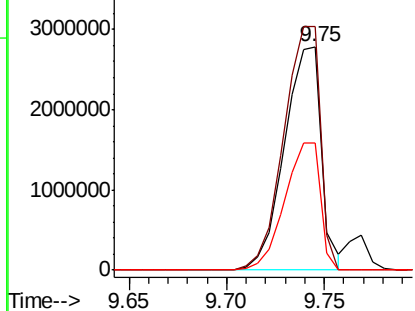


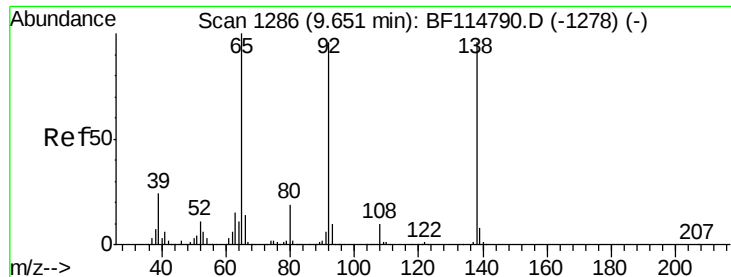
#52
Acenaphthene
Concen: 76.105 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:154 Resp: 3655345
Ion Ratio Lower Upper
154 100
153 108.9 88.5 132.7
152 57.0 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

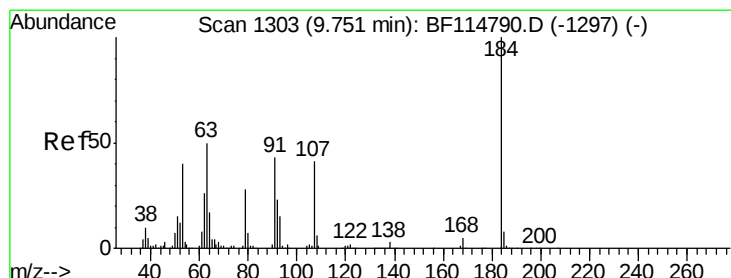
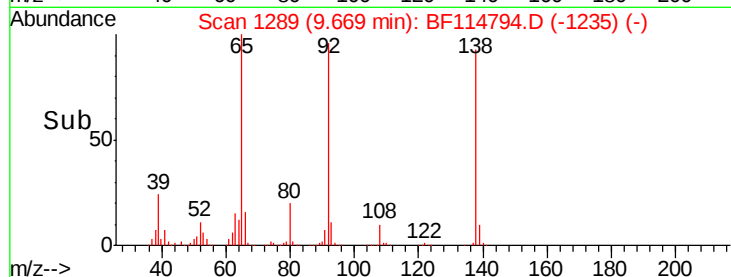
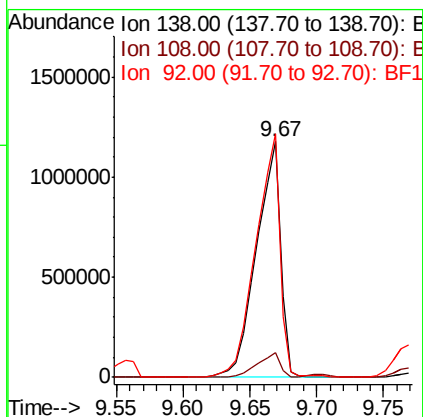
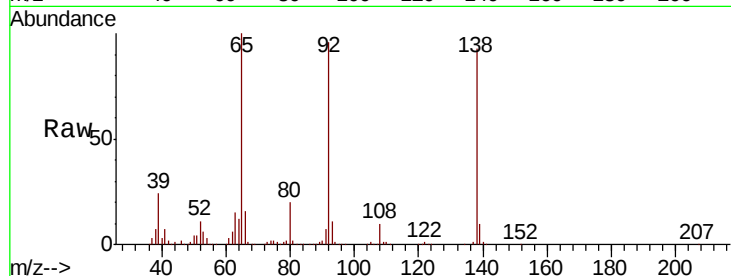




#53
3-Nitroaniline
Concen: 91.471 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.02 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

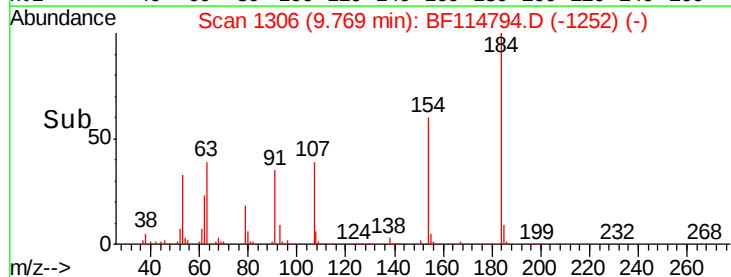
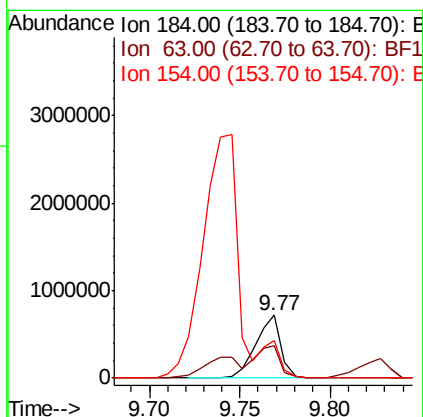
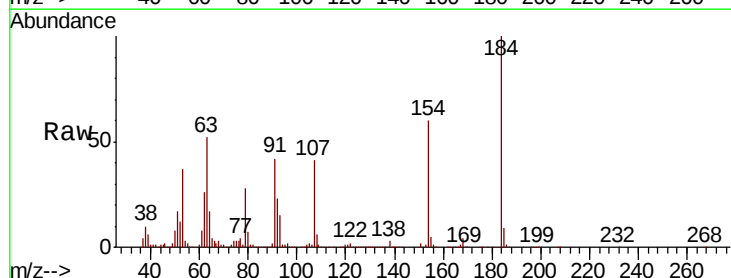
Instrument :
BNA_F
ClientSampleId :

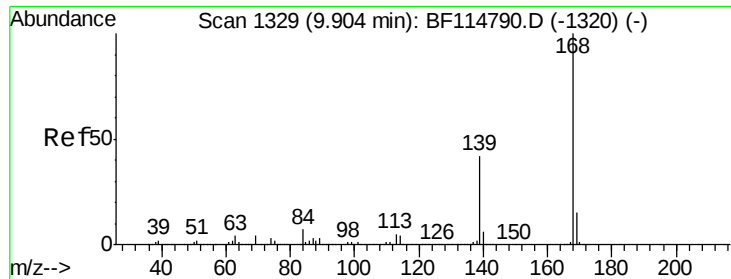
Tot Ion:138 Resp: 1470073
Ion Ratio Lower Upper
138 100
108 10.6 7.9 11.9
92 103.3 79.9 119.9



#54
2,4-Dinitrophenol
Concen: 112.722 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:184 Resp: 699373
Ion Ratio Lower Upper
184 100
63 52.1 44.1 66.1
154 59.9 48.1 72.1

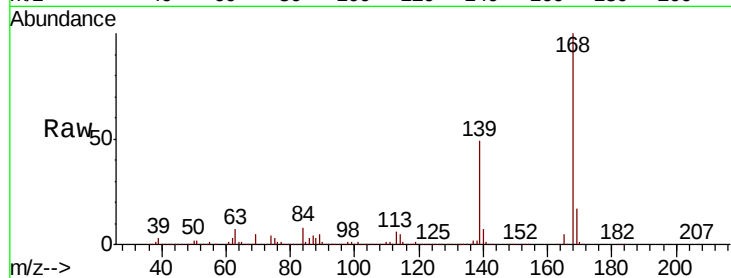




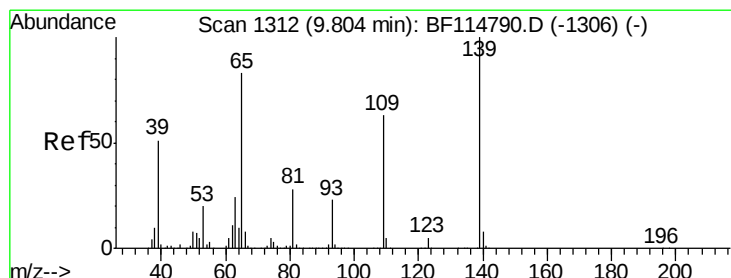
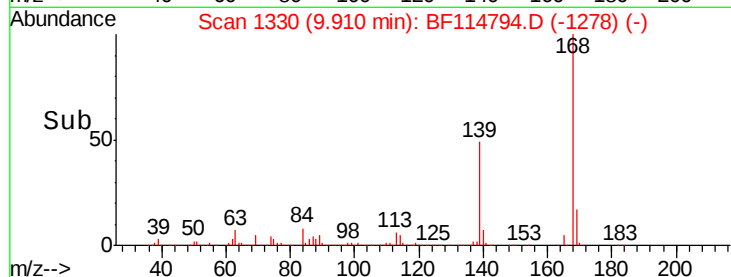
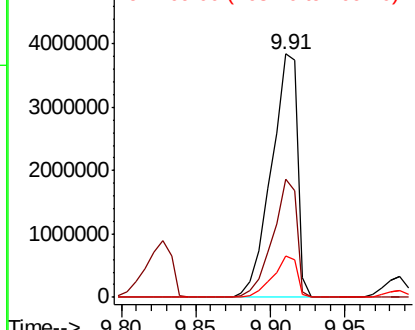
#55
Dibenzofuran
Concen: 73.242 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 4688982
Ion Ratio Lower Upper
168 100
139 48.5 33.8 50.6
169 16.7 11.9 17.9

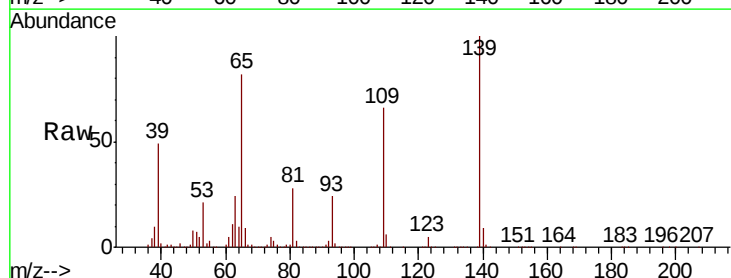


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

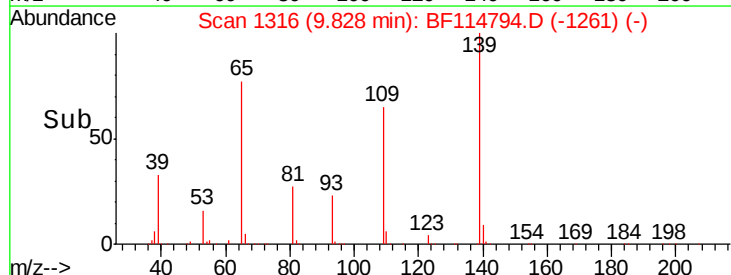
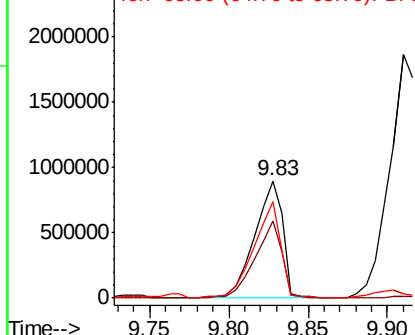


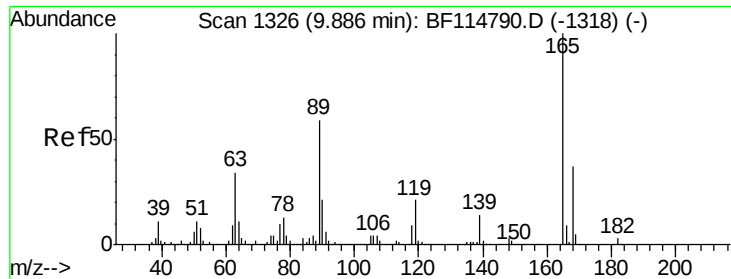
#56
4-Nitrophenol
Concen: 95.116 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:139 Resp: 1116632
Ion Ratio Lower Upper
139 100
109 65.7 43.5 83.5
65 82.3 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

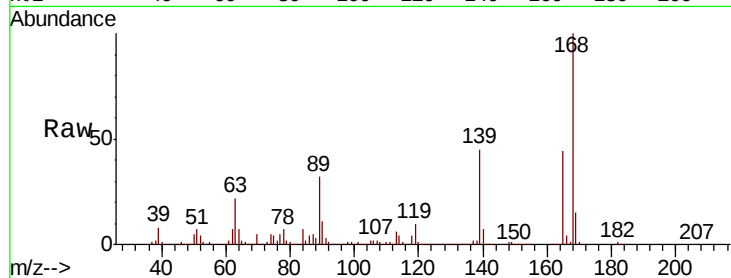




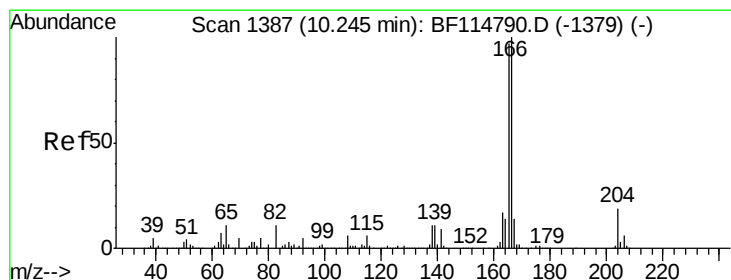
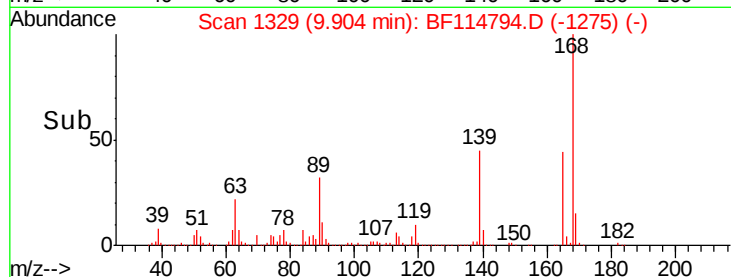
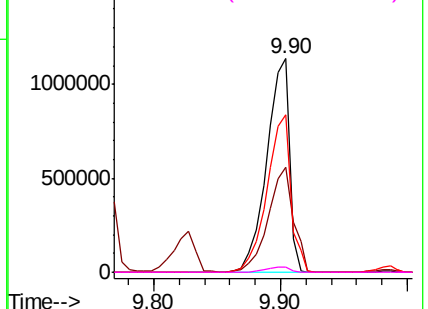
#57
2,4-Dinitrotoluene
Concen: 80.882 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1408316
Ion Ratio Lower Upper
165 100
63 49.4 27.0 40.4#
89 73.7 47.0 70.6#
182 2.5 2.2 3.2

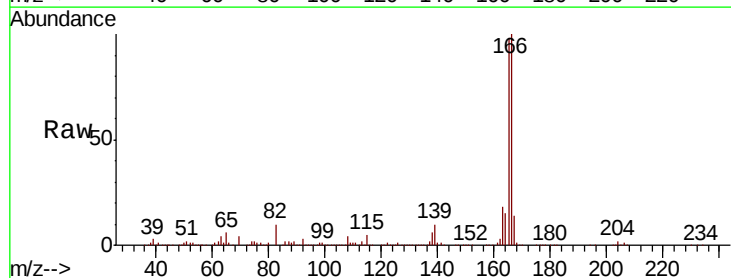


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

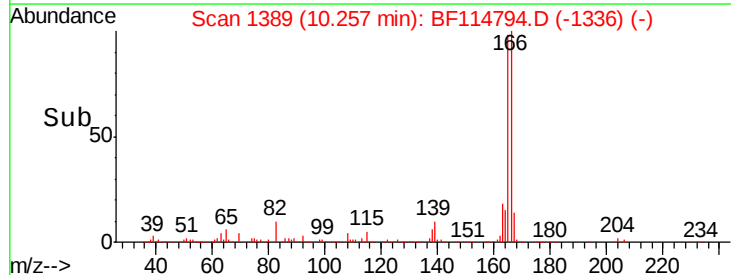
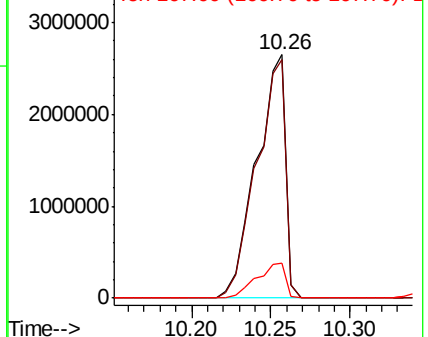


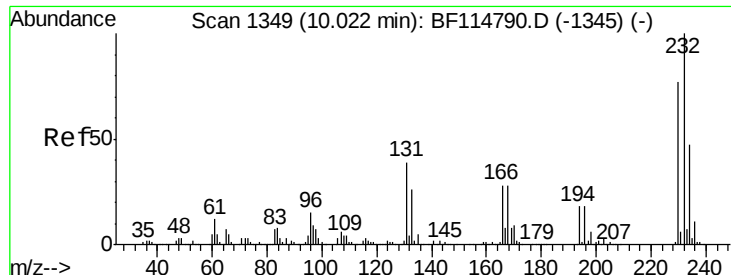
#58
Fluorene
Concen: 73.564 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:166 Resp: 3376922
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 14.1 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

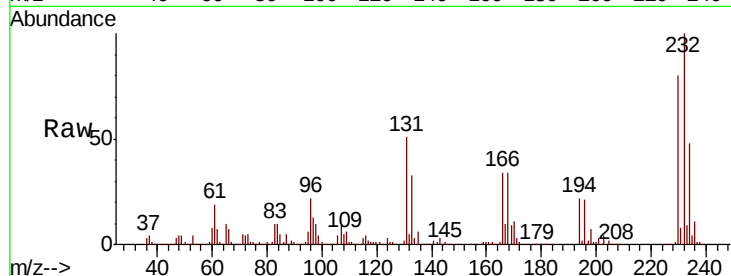




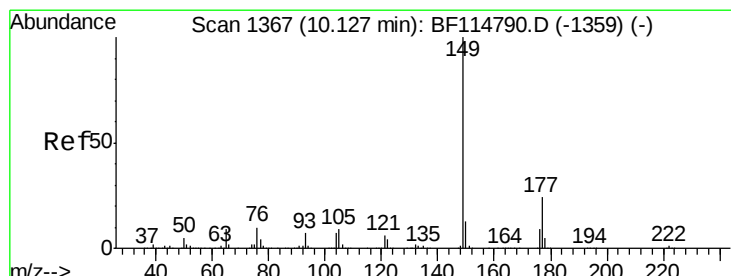
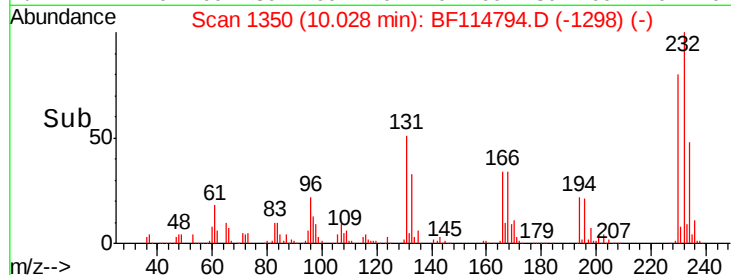
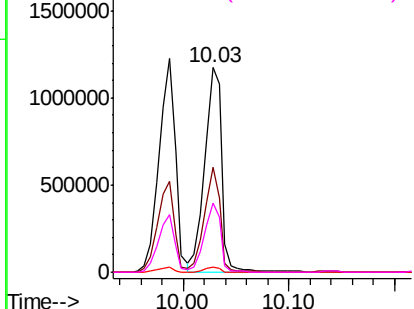
#59
2,3,4,6-Tetrachlorophenol
Concen: 88.926 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 1314932
Ion Ratio Lower Upper
232 100
131 47.0 36.8 55.2
130 2.4 1.8 2.6
166 32.0 24.6 37.0

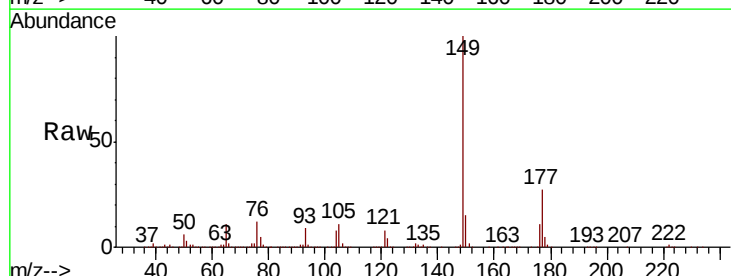


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

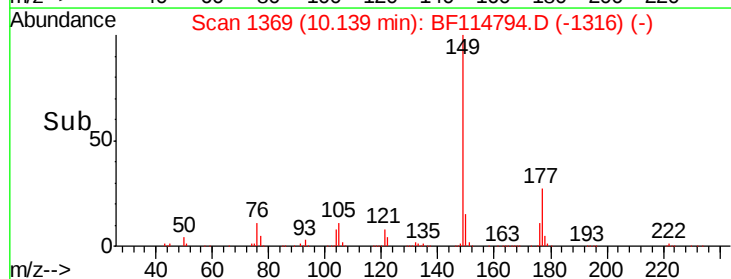
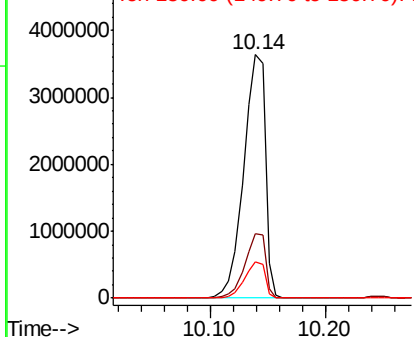


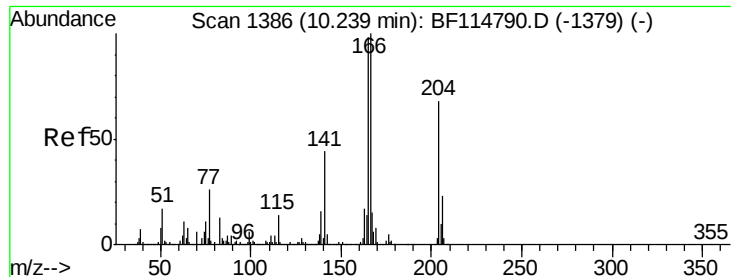
#60
Diethylphthalate
Concen: 80.415 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:149 Resp: 4732266
Ion Ratio Lower Upper
149 100
177 26.5 19.3 28.9
150 15.0 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

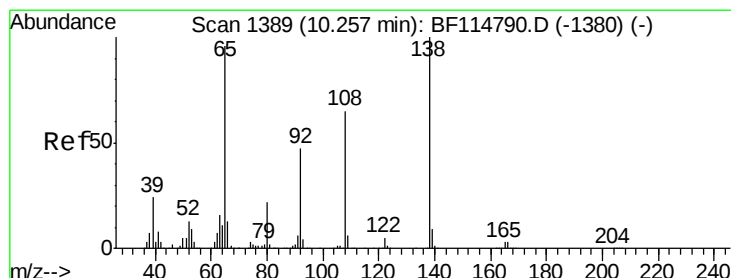
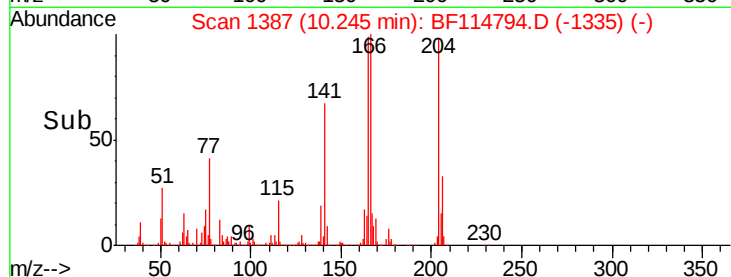
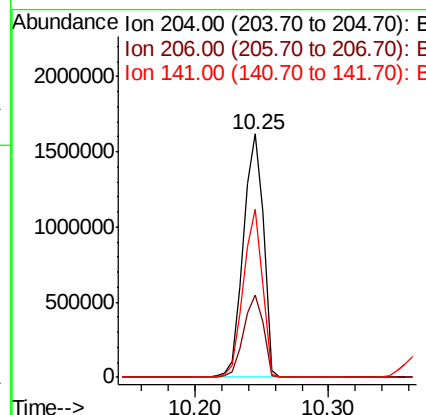
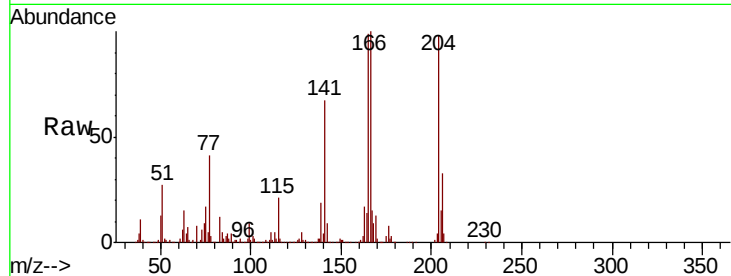




#61
4-Chlorophenyl-phenylether
Concen: 72.090 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

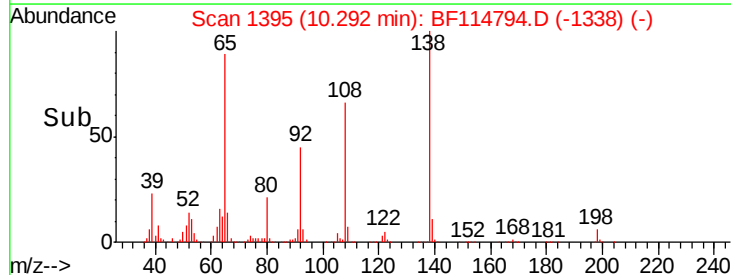
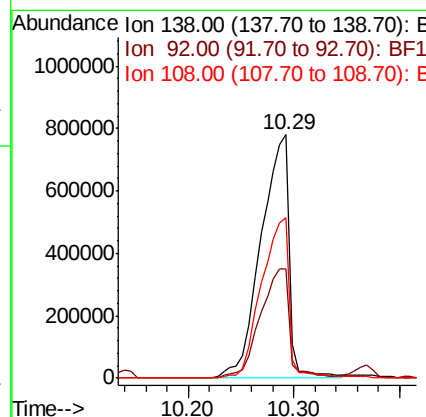
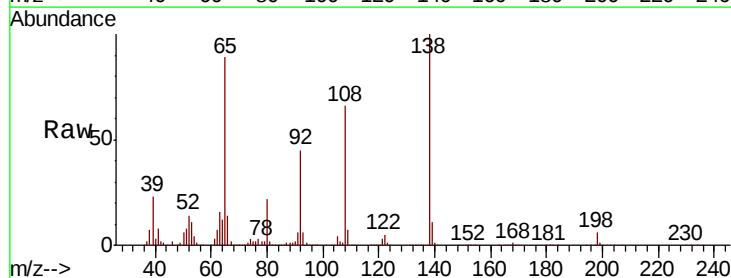
Instrument :
BNA_F
ClientSampleId :

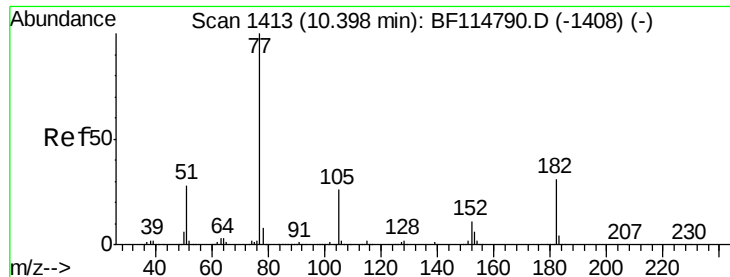
Tot Ion:204 Resp: 1693750
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 69.0 51.0 76.4



#62
4-Nitroaniline
Concen: 93.475 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.04 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:138 Resp: 1456242
Ion Ratio Lower Upper
138 100
92 45.0 26.5 66.5
108 66.1 45.4 85.4





#63

Azobenzene

Concen: 81.292 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 4068786

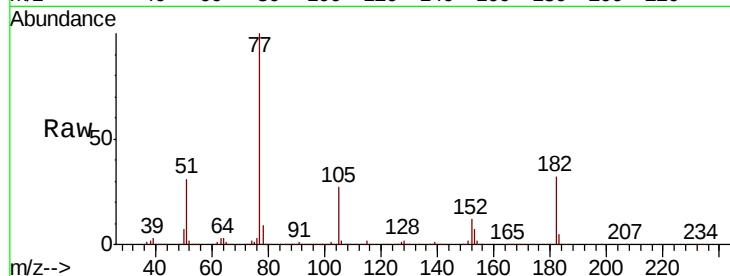
Ion	Ratio	Lower	Upper
77	100		
182	31.5	11.2	51.2
105	27.2	5.7	45.7
51	31.2	8.0	48.0

77 100

182 31.5 11.2 51.2

105 27.2 5.7 45.7

51 31.2 8.0 48.0

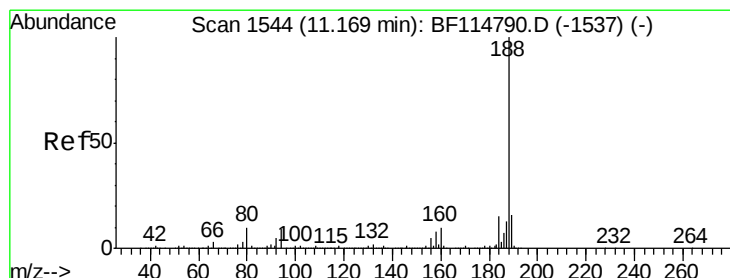
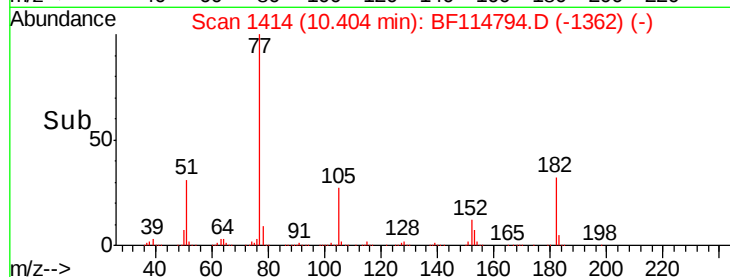
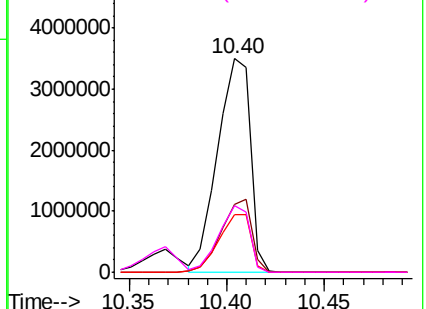


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1545

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

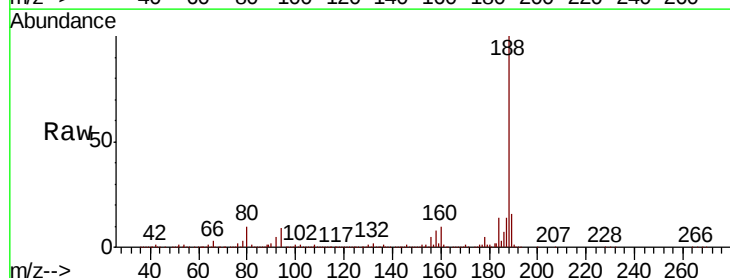
Tgt Ion: 188 Resp: 1474544

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.6	11.4
80	9.6	8.3	12.5

188 100

94 9.0 7.6 11.4

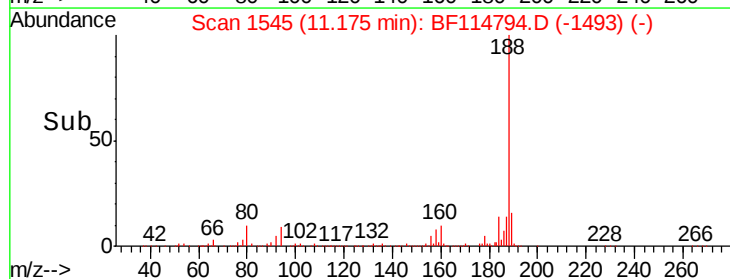
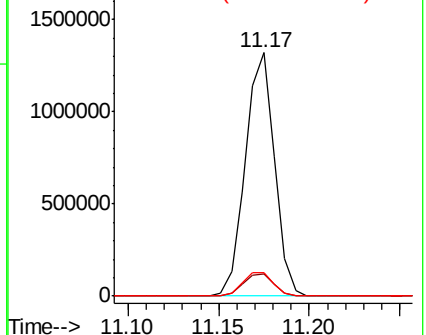
80 9.6 8.3 12.5

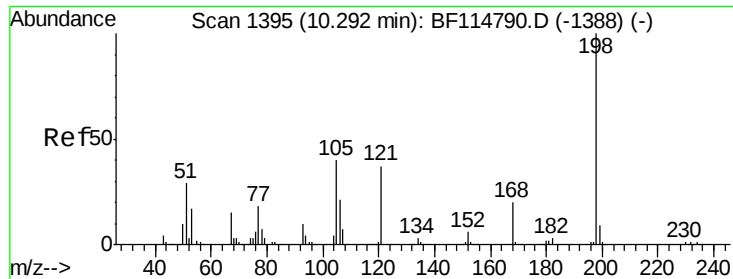


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

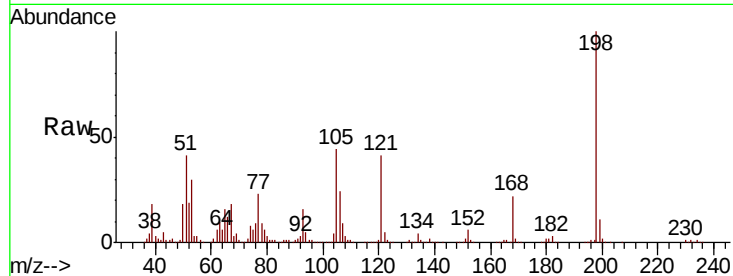




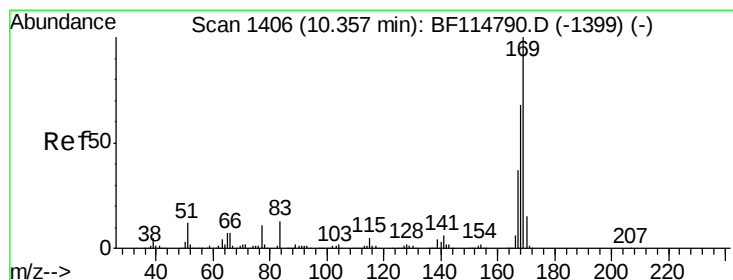
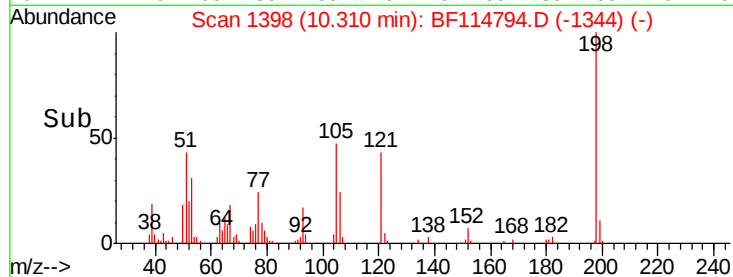
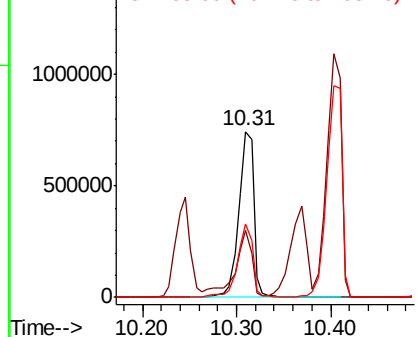
#65
4,6-Dinitro-2-methylphenol
Concen: 110.388 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 830398
Ion Ratio Lower Upper
198 100
51 40.7 14.9 54.9
105 44.5 21.0 61.0

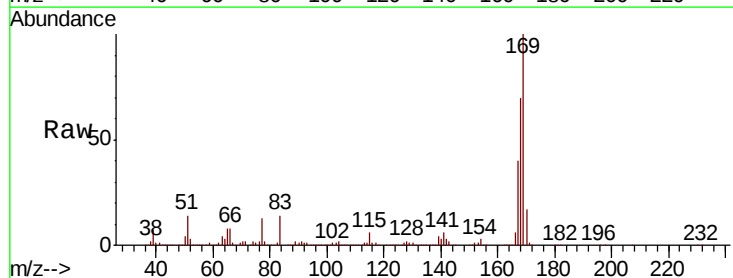


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

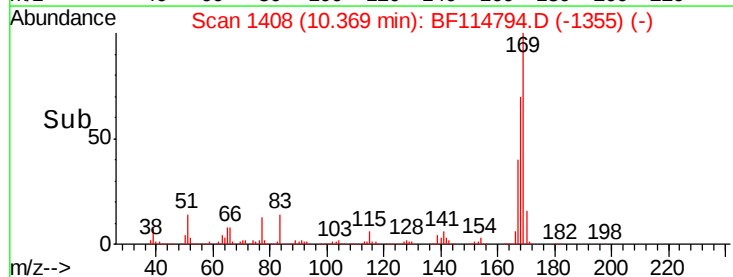
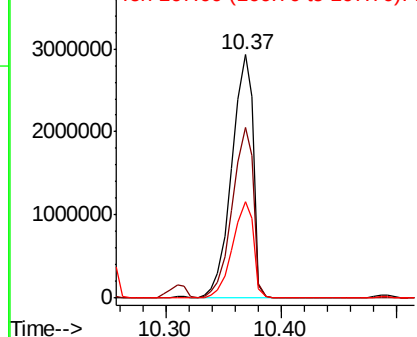


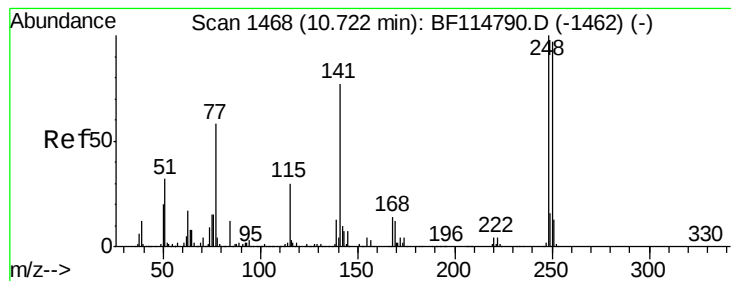
#66
n-Nitrosodiphenylamine
Concen: 85.548 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:169 Resp: 3770735
Ion Ratio Lower Upper
169 100
168 70.0 54.3 81.5
167 39.8 29.9 44.9



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





#67

4-Bromophenyl-phenylether

Concen: 86.413 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

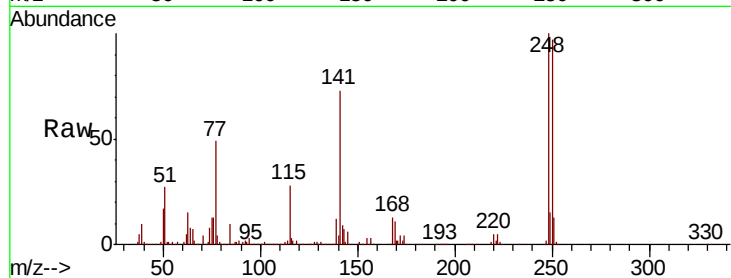
Instrument :

BNA_F

ClientSampleId :

Tot Ion:248 Resp: 1431579

Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.5	116.3
141	72.9	61.8	92.8

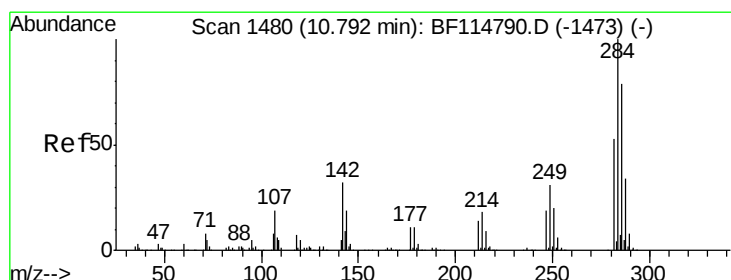
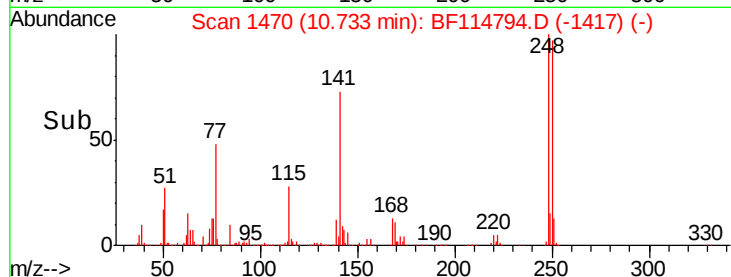
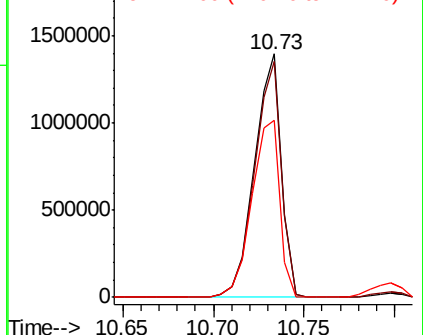


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 88.027 ng

RT: 10.80 min Scan# 1481

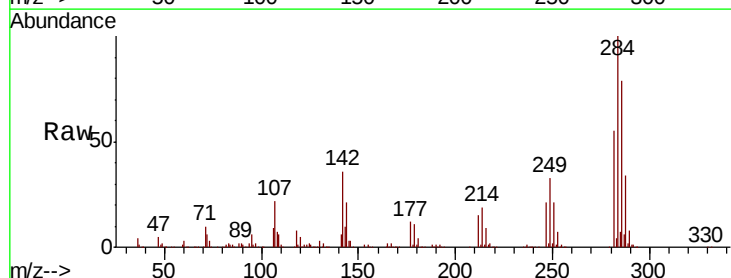
Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Tgt Ion:284 Resp: 1594347

Ion	Ratio	Lower	Upper
284	100		
142	35.6	25.3	37.9
249	32.8	24.9	37.3

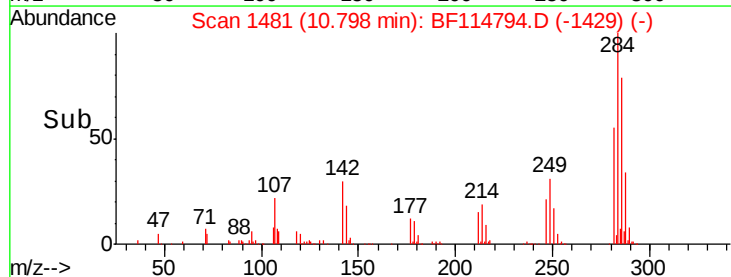
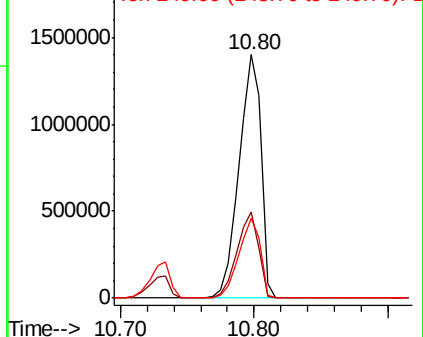


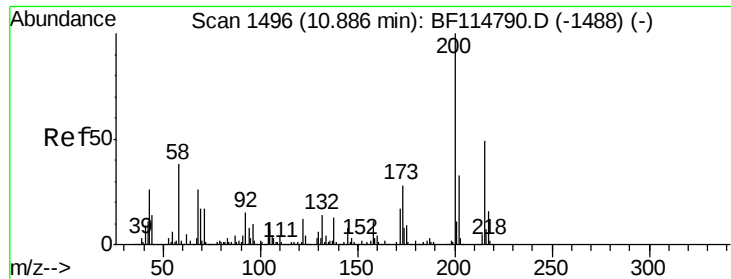
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

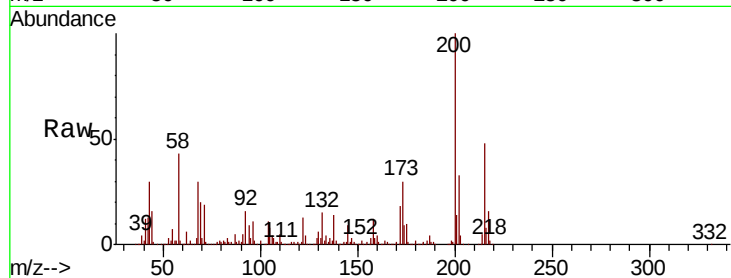




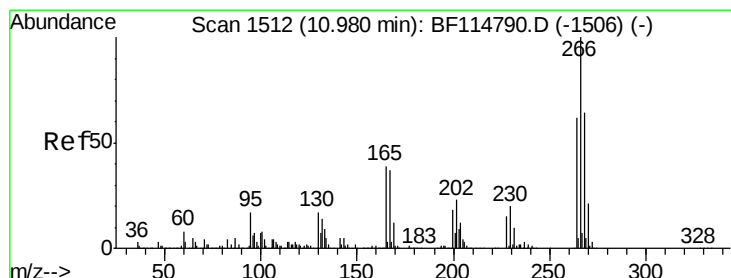
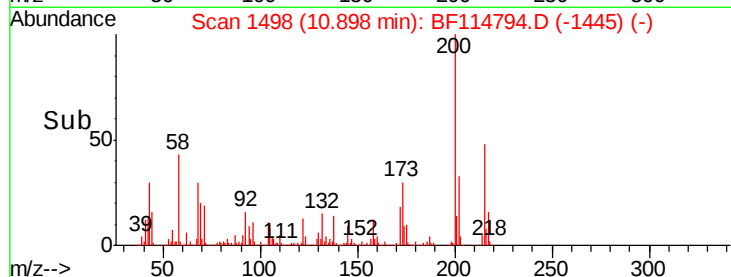
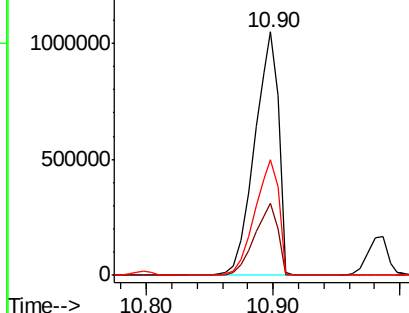
#69
Atrazine
Concen: 90.537 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 1384653
Ion Ratio Lower Upper
200 100
173 29.6 8.0 48.0
215 47.5 28.7 68.7

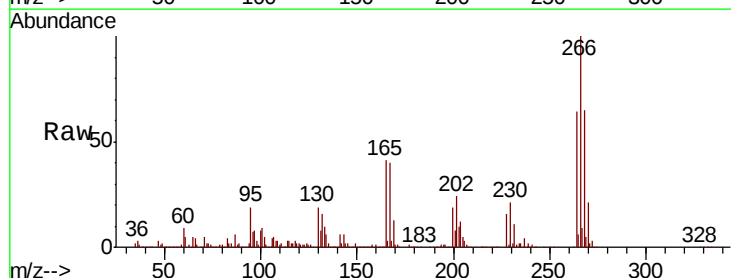


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

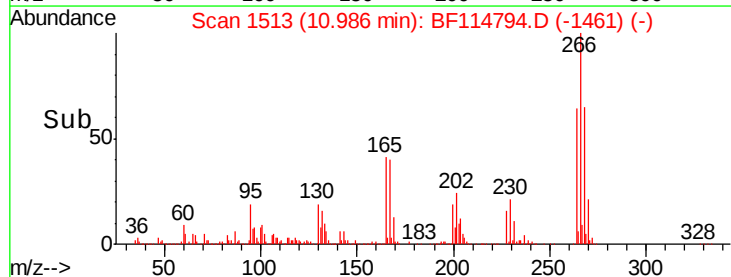
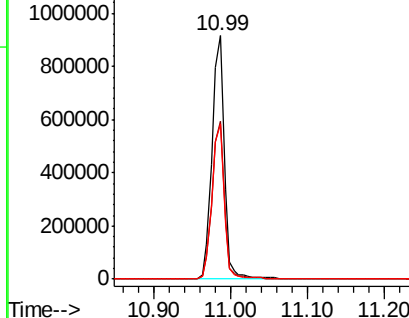


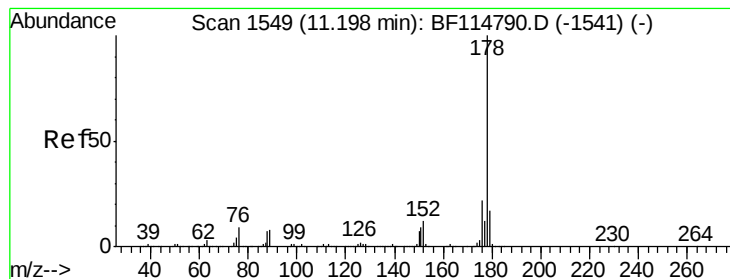
#70
Pentachlorophenol
Concen: 96.046 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:266 Resp: 1004242
Ion Ratio Lower Upper
266 100
268 65.0 51.0 76.6
264 63.6 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: 77.054 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampled :

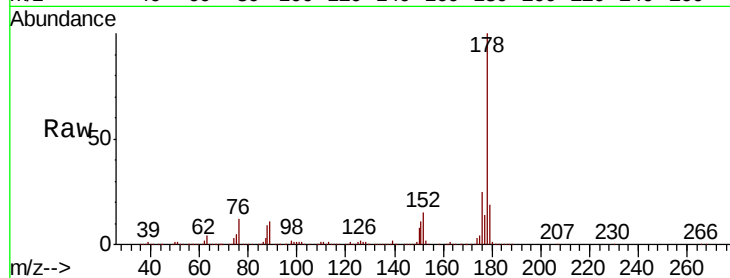
Tot Ion:178 Resp: 5371317

Ion Ratio Lower Upper

178 100

176 24.9 17.7 26.5

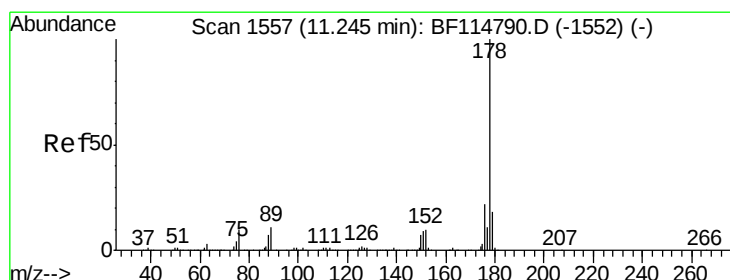
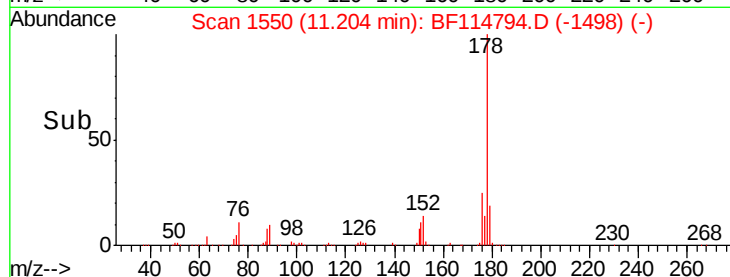
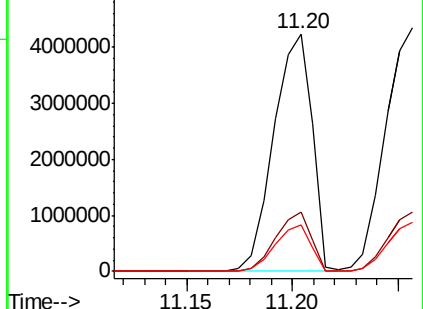
179 19.5 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 76.126 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

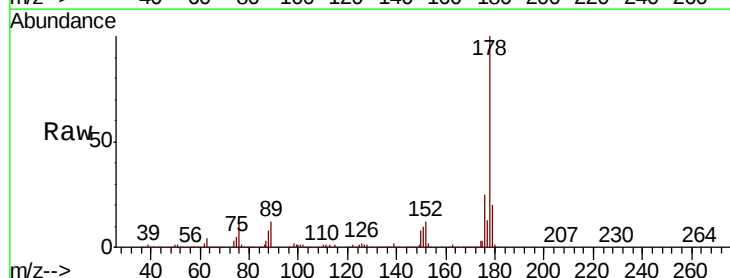
Tgt Ion:178 Resp: 5370712

Ion Ratio Lower Upper

178 100

176 24.5 17.4 26.0

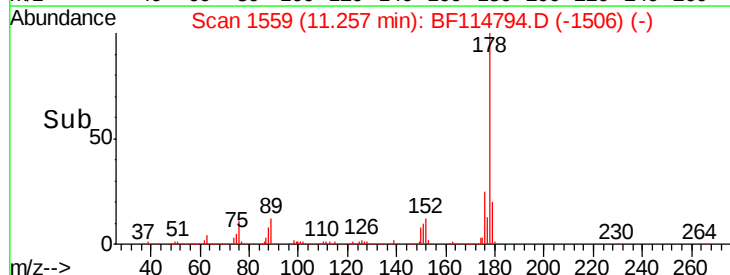
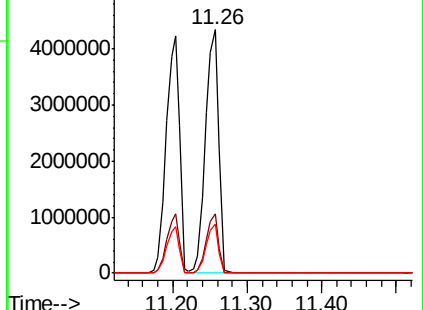
179 20.0 14.2 21.4

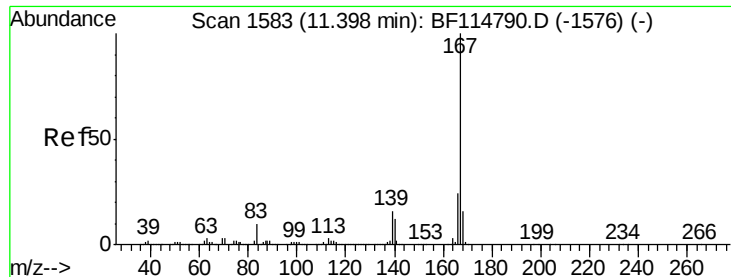


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

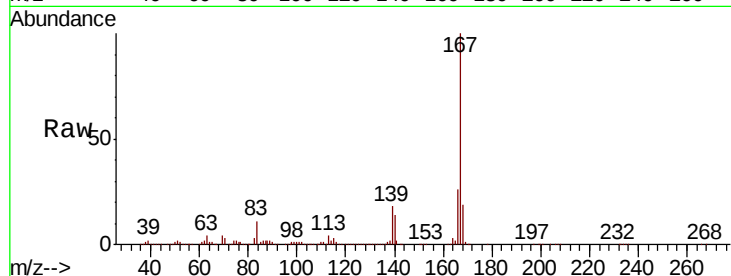




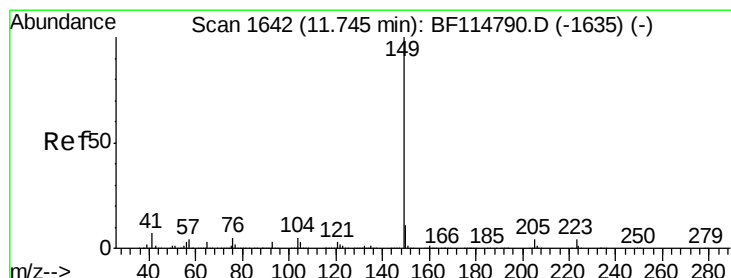
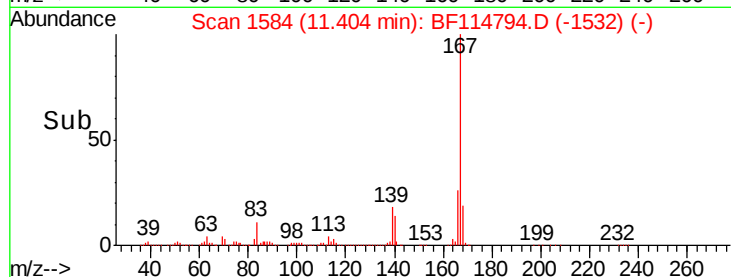
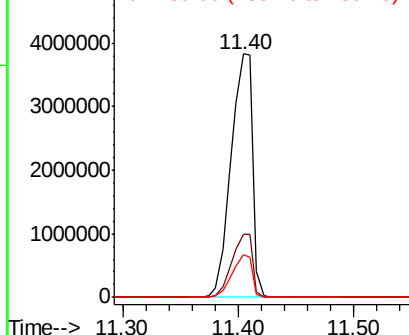
#73
 Carbazole
 Concen: 78.736 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 4959651
 Ion Ratio Lower Upper
 167 100
 166 25.9 19.1 28.7
 139 17.6 12.4 18.6

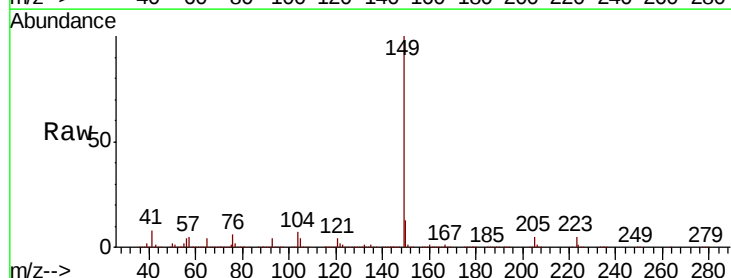


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

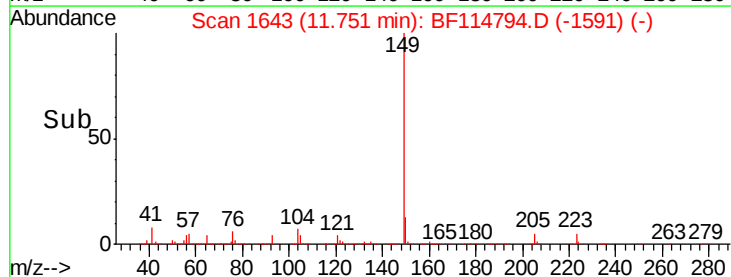
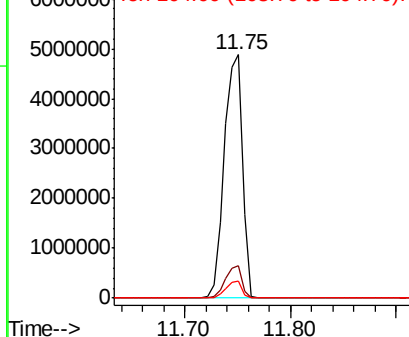


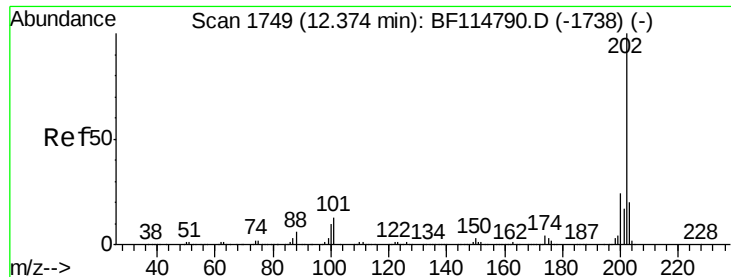
#74
 Di-n-butylphthalate
 Concen: 73.782 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

Tgt Ion:149 Resp: 5850625
 Ion Ratio Lower Upper
 149 100
 150 13.4 8.9 13.3#
 104 7.0 4.3 6.5#



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





#75

Fluoranthene

Concen: 77.208 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

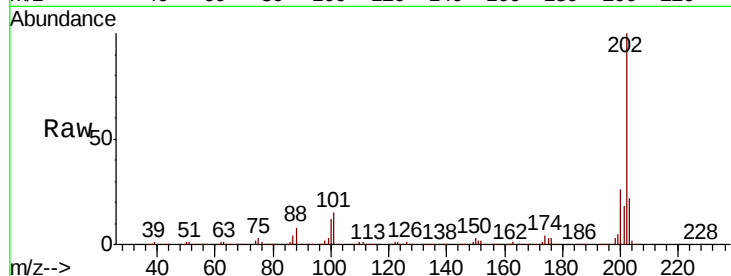
Tot Ion:202 Resp: 5400201

Ion Ratio Lower Upper

202 100

101 15.3 0.0 32.8

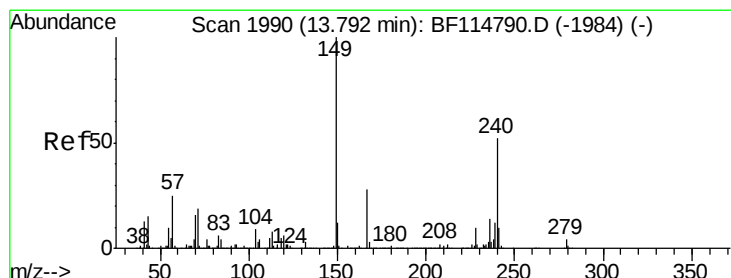
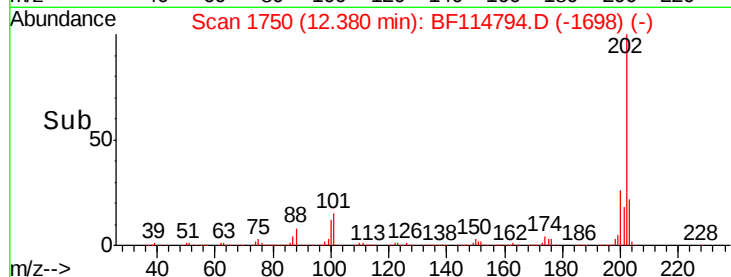
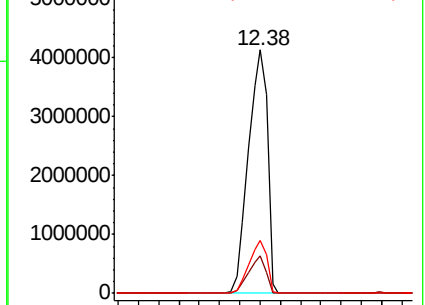
203 21.8 0.2 40.2



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: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

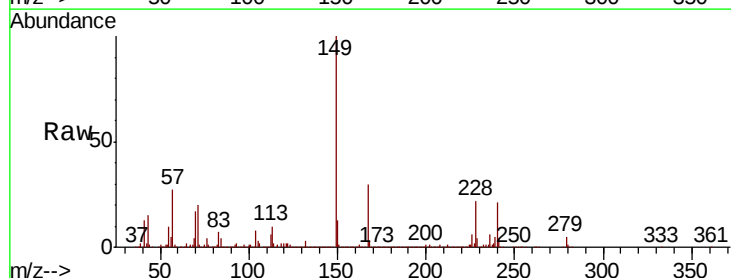
Tgt Ion:240 Resp: 614695

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

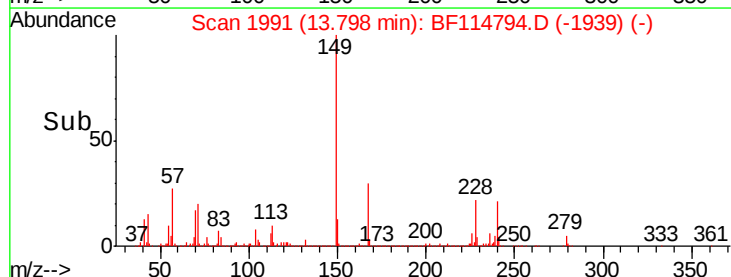
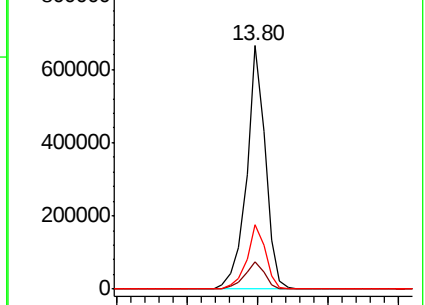
236 26.5 21.4 32.0

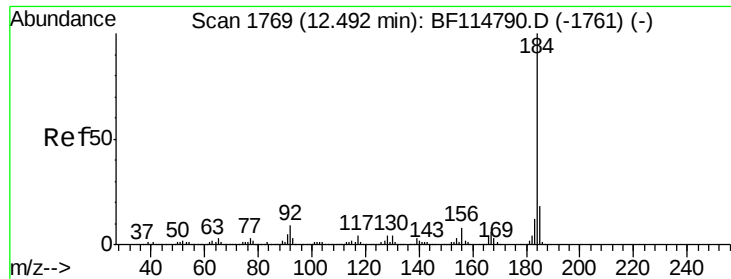


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 95.075 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

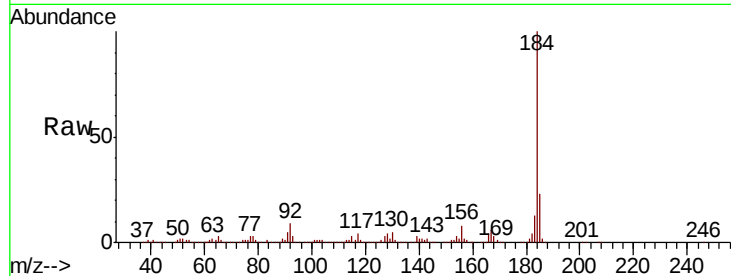
Tot Ion:184 Resp: 2854467

Ion Ratio Lower Upper

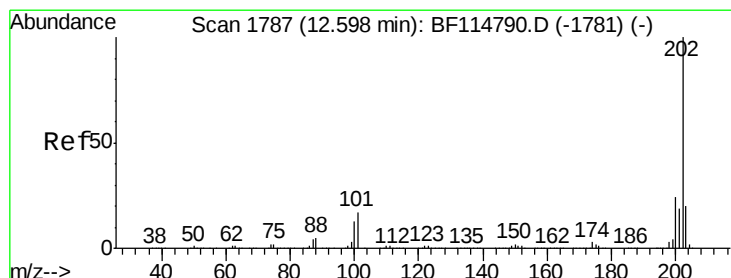
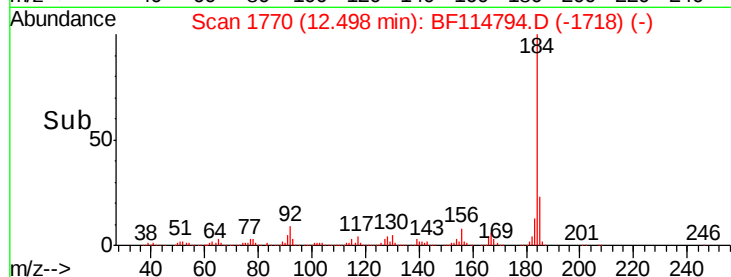
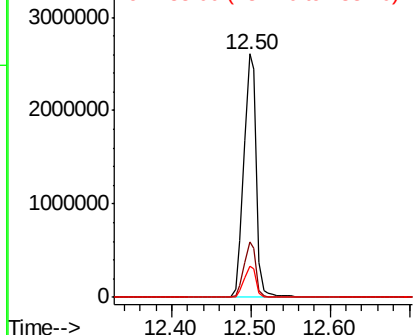
184 100

185 22.7 14.1 21.1#

183 12.9 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 101.415 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

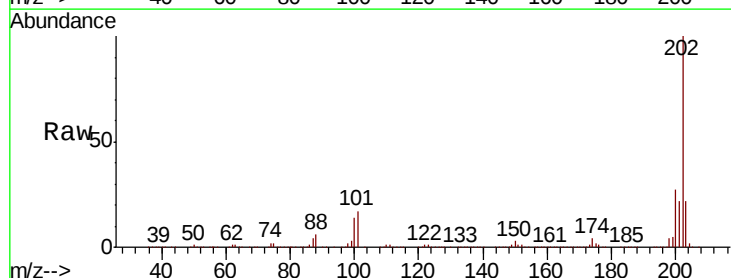
Tgt Ion:202 Resp: 5317071

Ion Ratio Lower Upper

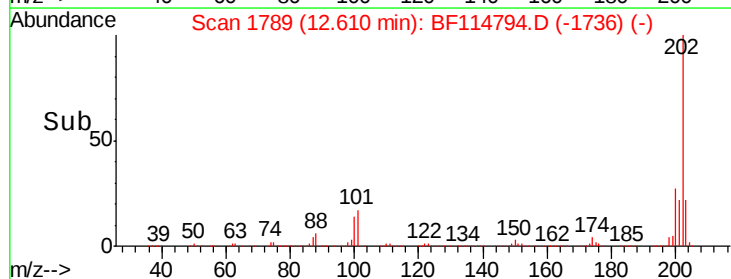
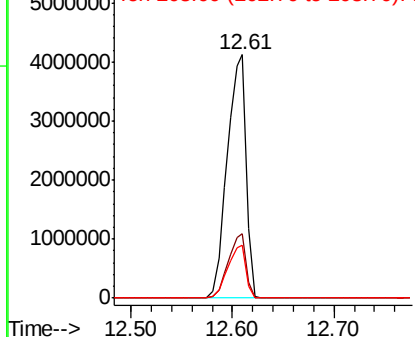
202 100

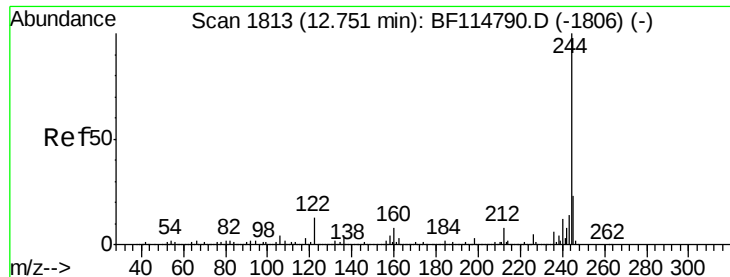
200 26.5 19.2 28.8

203 21.8 15.9 23.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 189.501 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampled :

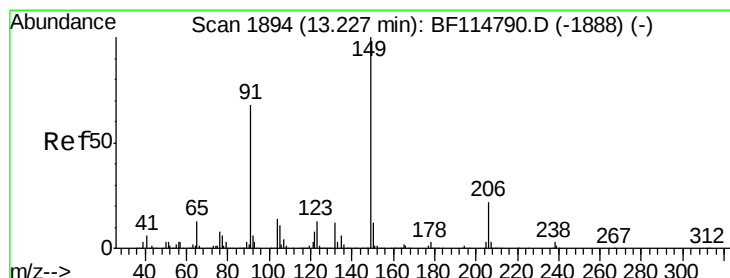
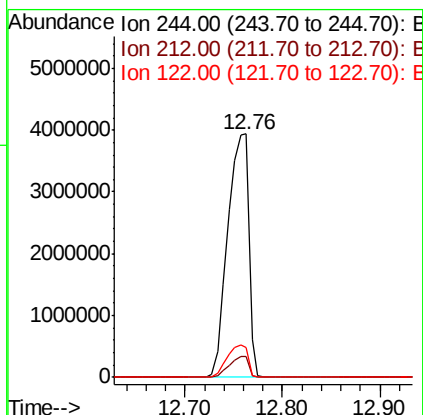
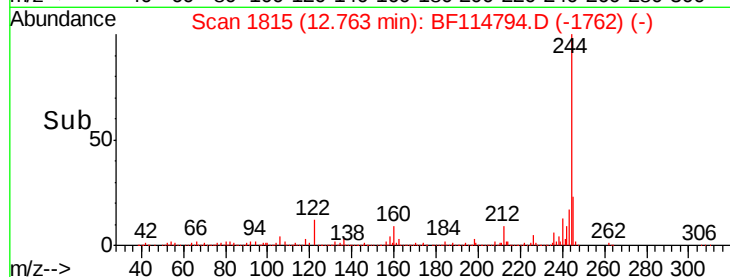
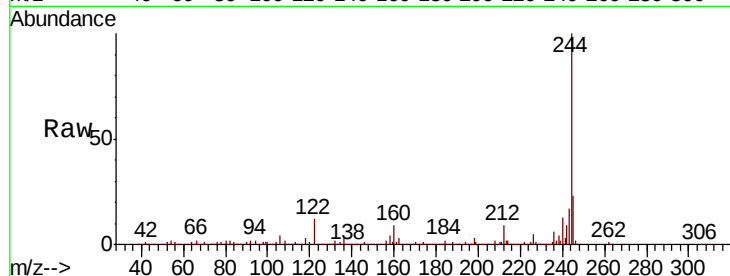
Tot Ion:244 Resp: 5909043

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 12.3 10.5 15.7



#80

Butylbenzylphthalate

Concen: 110.912 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

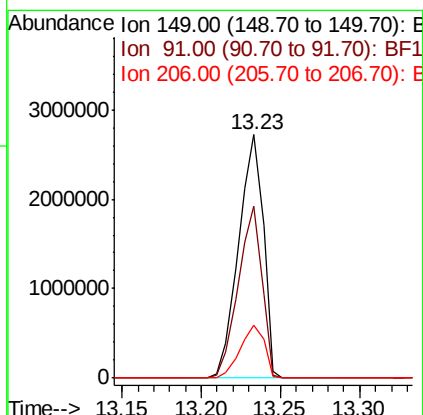
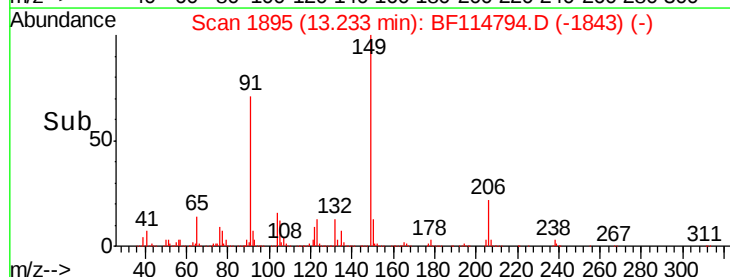
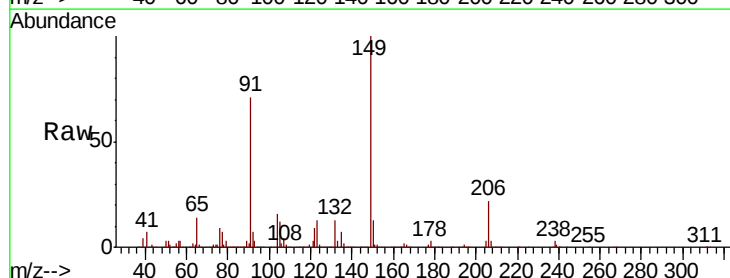
Tgt Ion:149 Resp: 2927845

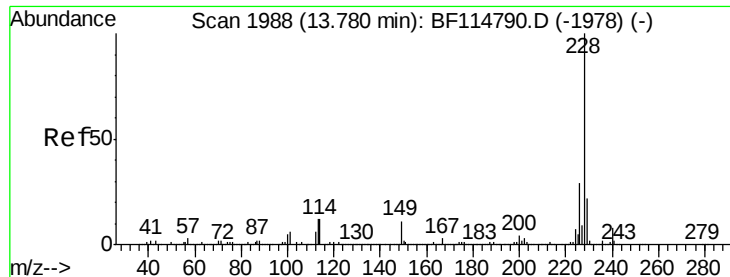
Ion Ratio Lower Upper

149 100

91 70.9 54.6 82.0

206 21.8 17.2 25.8





#81

Benzo(a)anthracene

Concen: 99.284 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

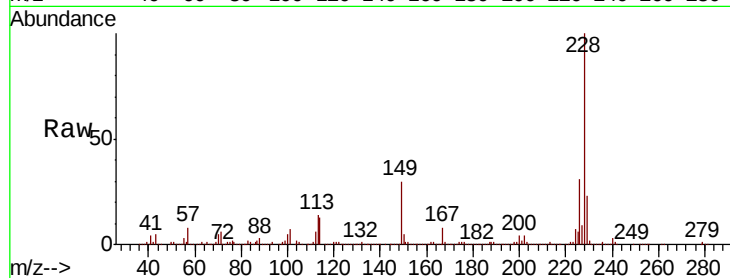
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 4634633

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	23.0	17.4	26.0

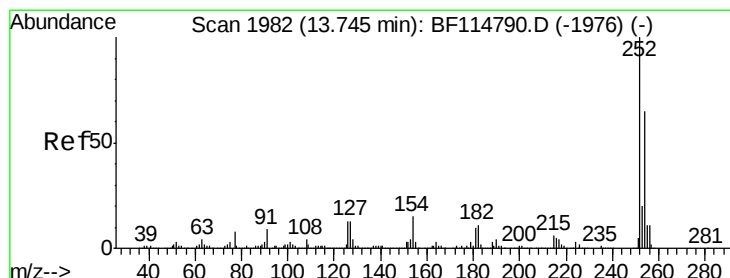
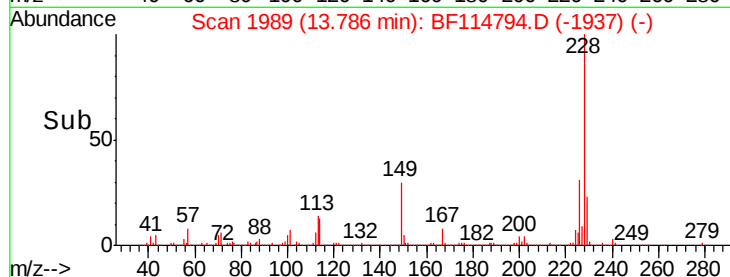
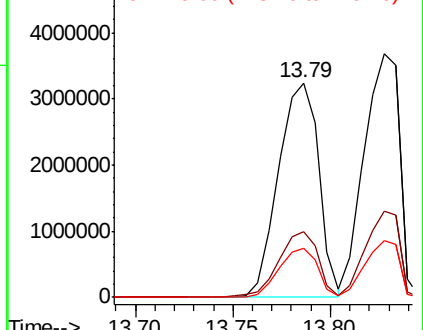


Abundance

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: 103.975 ng

RT: 13.76 min Scan# 1984

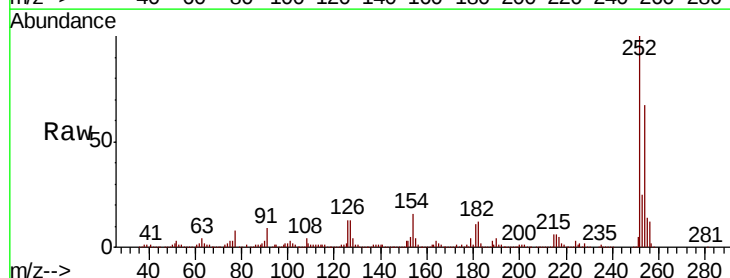
Delta R.T. 0.01 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Tgt Ion:252 Resp: 1964153

Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.9	77.9
126	13.2	10.5	15.7

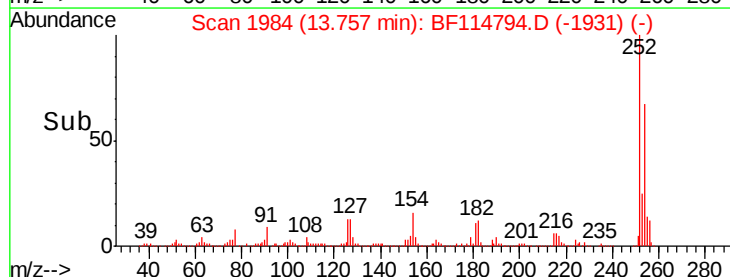
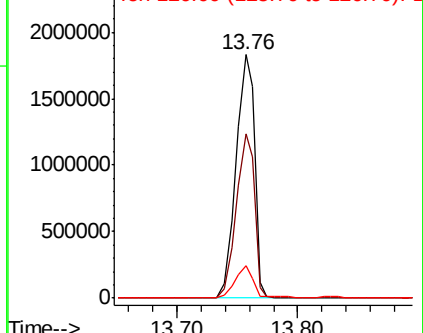


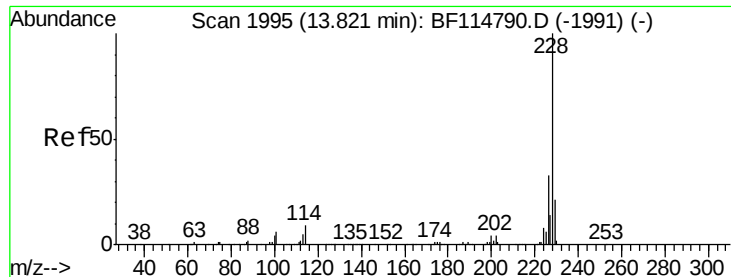
Abundance

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

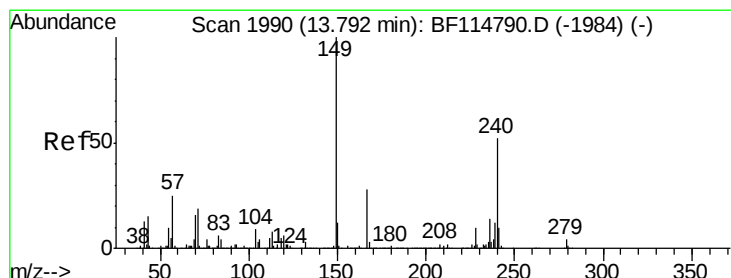
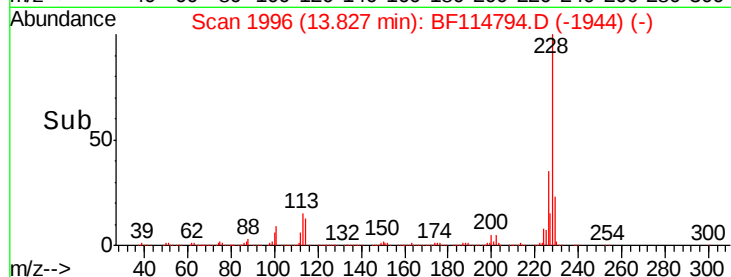
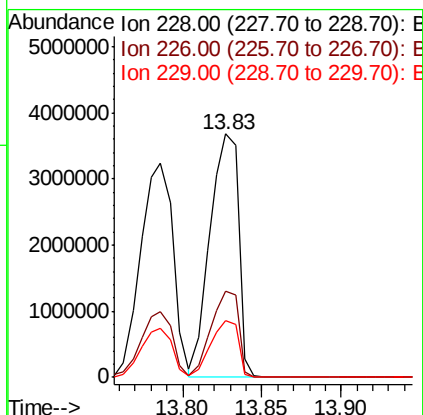
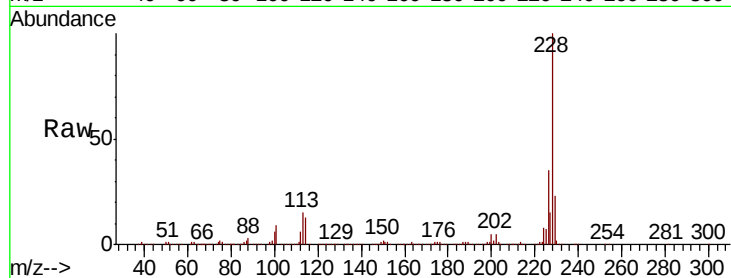




#83
 Chrysene
 Concen: 102.169 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

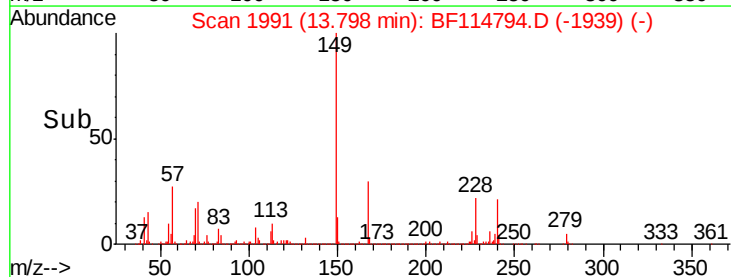
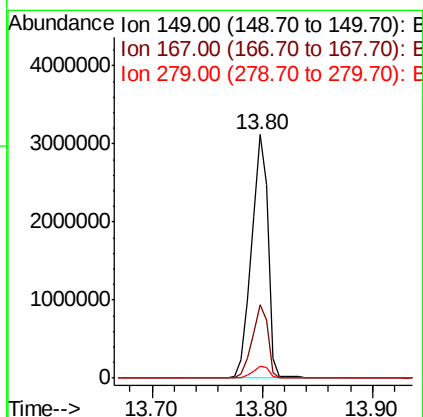
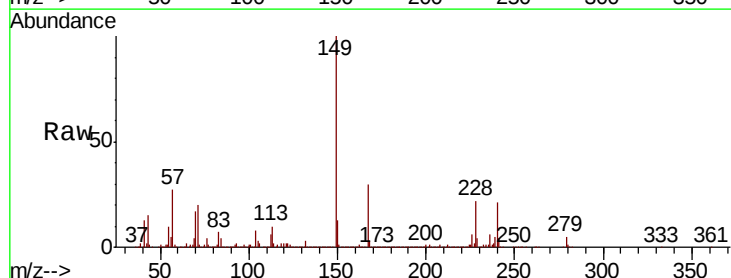
Instrument :
 BNA_F
 ClientSampleId :

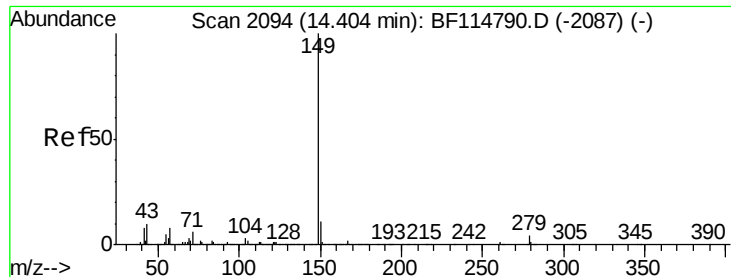
Tot Ion:228 Resp: 4630071
 Ion Ratio Lower Upper
 228 100
 226 35.4 26.0 39.0
 229 23.4 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 97.706 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BF114794.D
 Acq: 4 Jun 2019 15:59

Tgt Ion:149 Resp: 3266438
 Ion Ratio Lower Upper
 149 100
 167 29.9 22.7 34.1
 279 5.1 3.1 4.7#

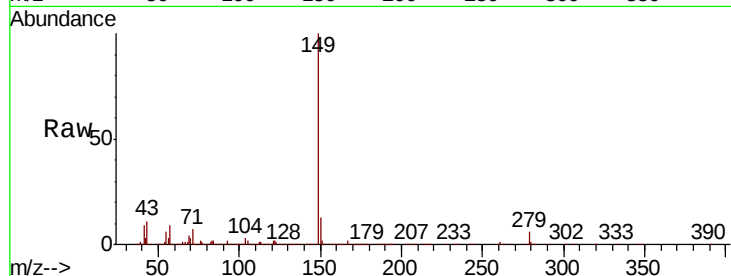




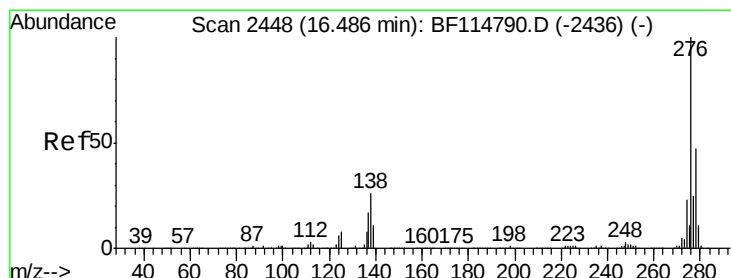
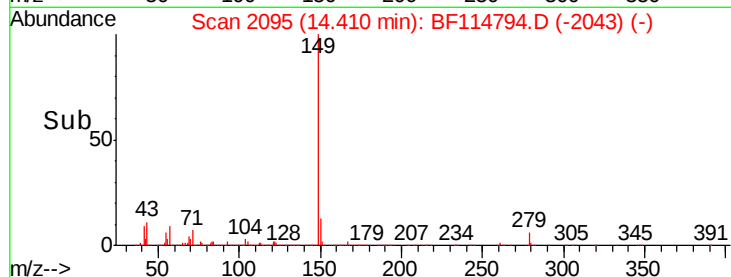
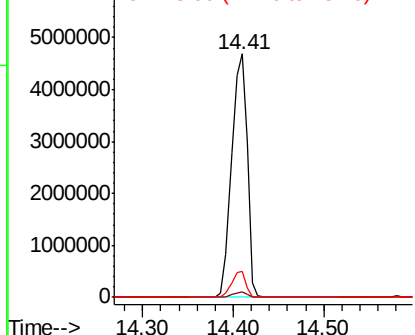
#85
Di-n-octyl phthalate
Concen: 99.536 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 5668039
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 9.7 7.0 10.6

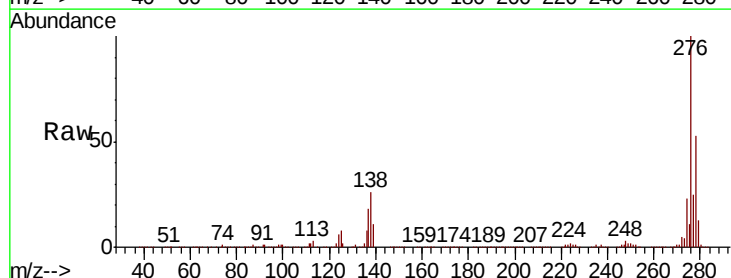


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

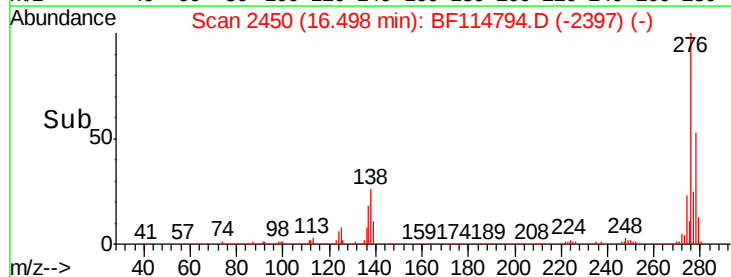
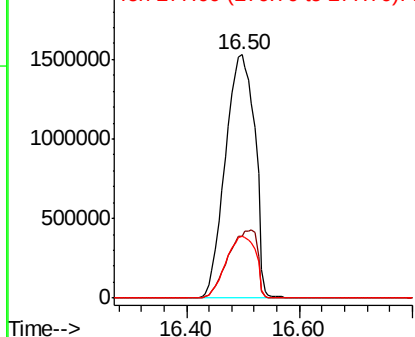


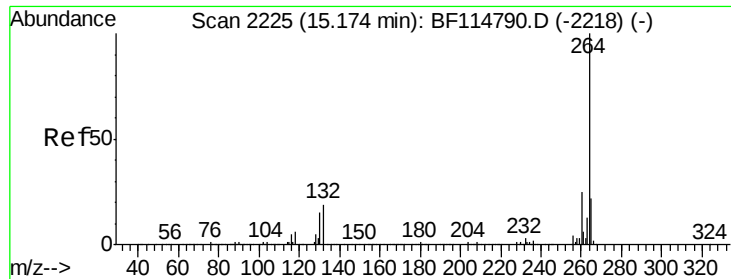
#86
Indeno(1,2,3-cd)pyrene
Concen: 107.369 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:276 Resp: 5557809
Ion Ratio Lower Upper
276 100
138 27.9 22.2 33.4
277 25.9 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

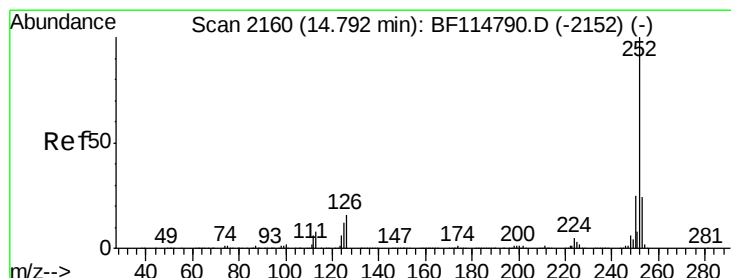
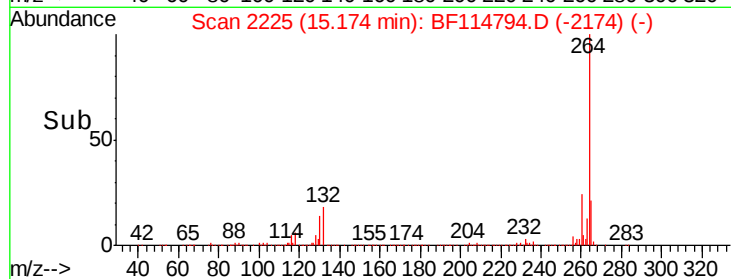
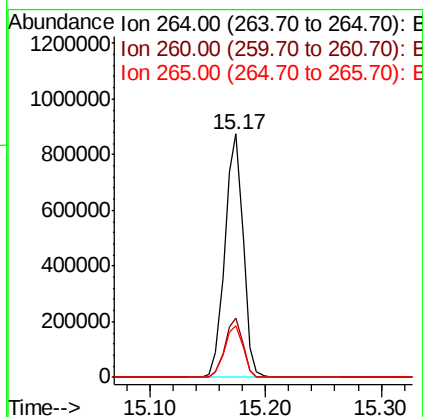
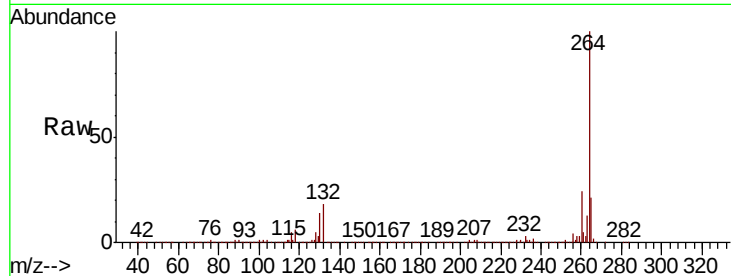




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

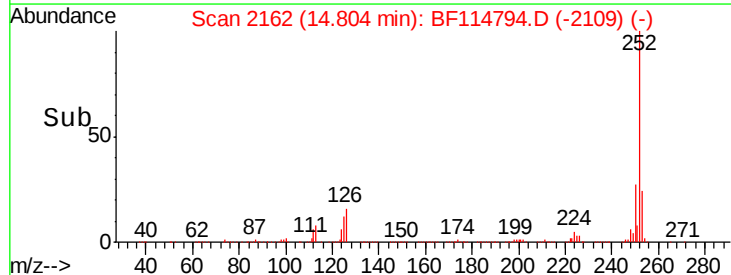
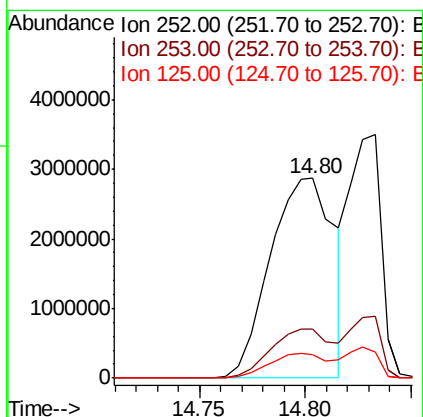
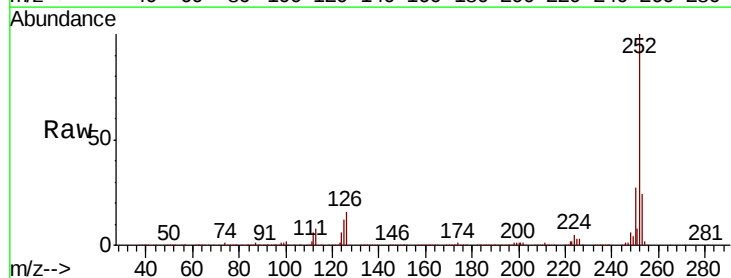
Instrument :
BNA_F
ClientSampled :

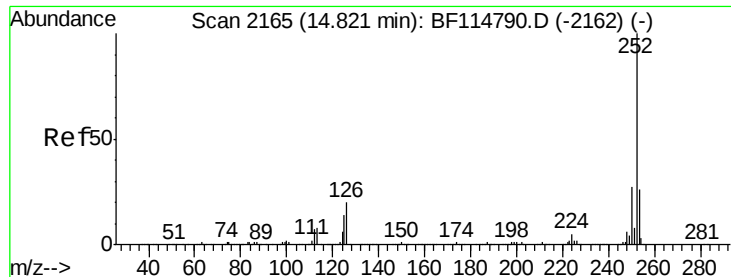
Tot Ion:264 Resp: 954425
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 21.3 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 100.900 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:252 Resp: 6011946
Ion Ratio Lower Upper
252 100
253 24.5 19.0 28.6
125 11.8 9.4 14.0

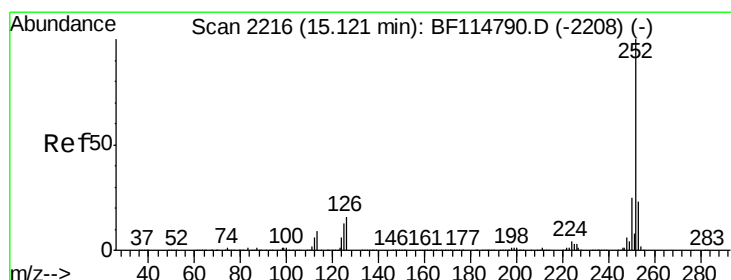
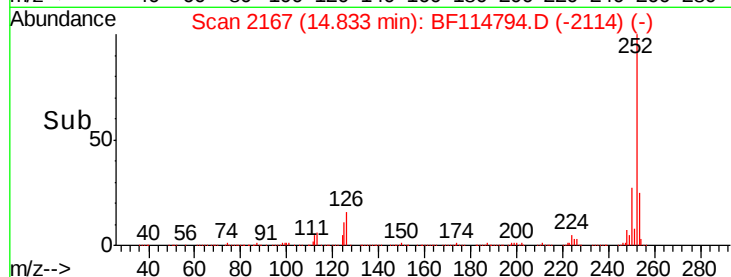
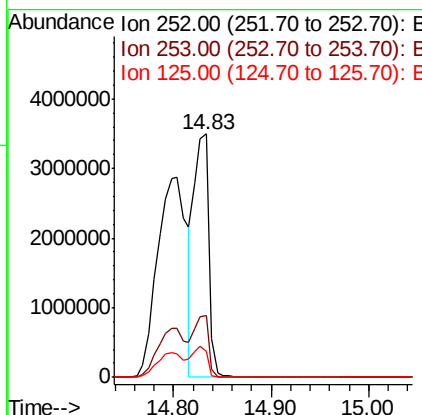
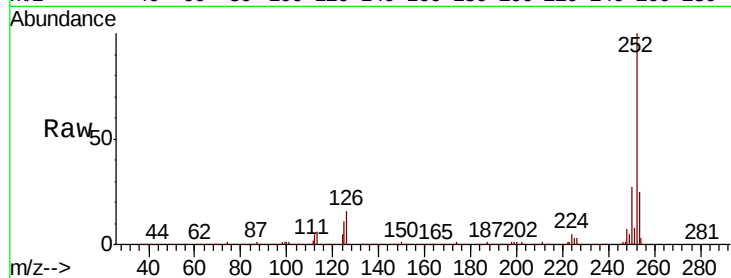




#89
Benzo(k)fluoranthene
Concen: 74.986 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

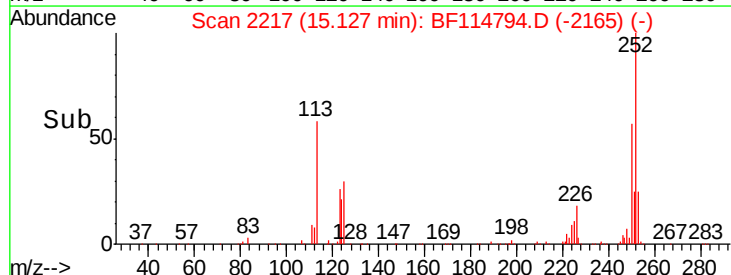
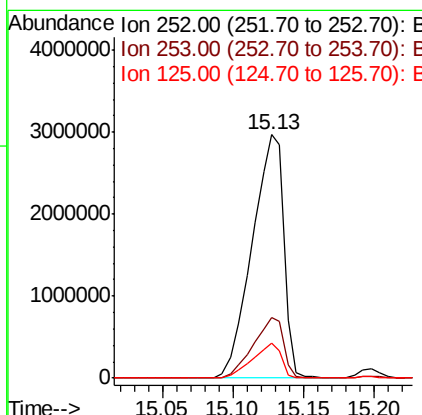
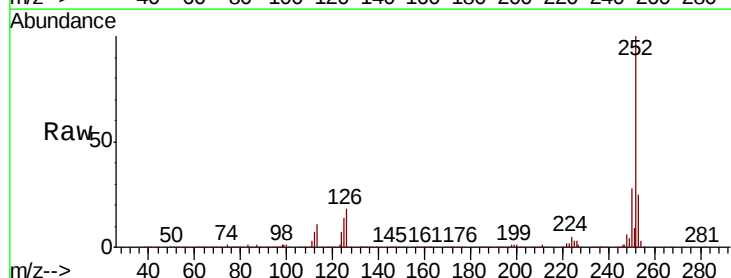
Instrument :
BNA_F
ClientSampleId :

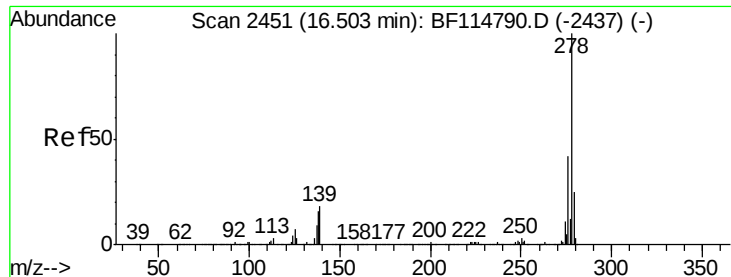
Tot Ion:252 Resp: 3686609
Ion Ratio Lower Upper
252 100
253 25.2 19.3 28.9
125 10.8 10.1 15.1



#90
Benzo(a)pyrene
Concen: 90.318 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114794.D
Acq: 4 Jun 2019 15:59

Tgt Ion:252 Resp: 4691173
Ion Ratio Lower Upper
252 100
253 24.9 18.5 27.7
125 14.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 86.809 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

Instrument :

BNA_F

ClientSampleId :

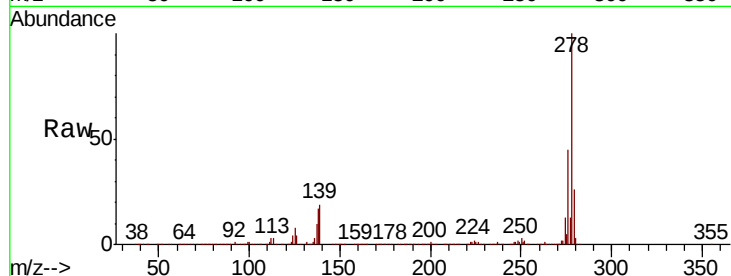
Tot Ion:278 Resp: 4270073

Ion Ratio Lower Upper

278 100

139 19.2 14.6 22.0

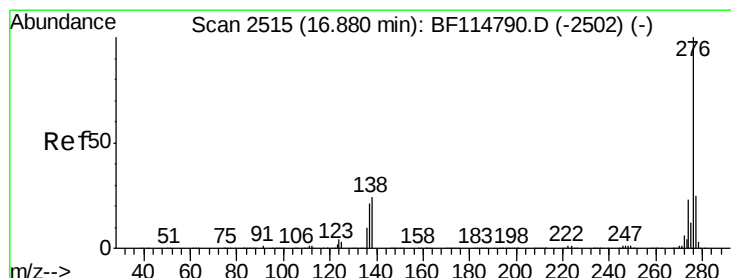
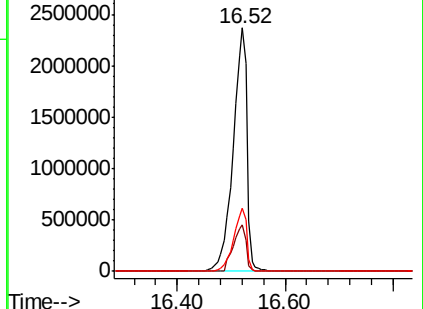
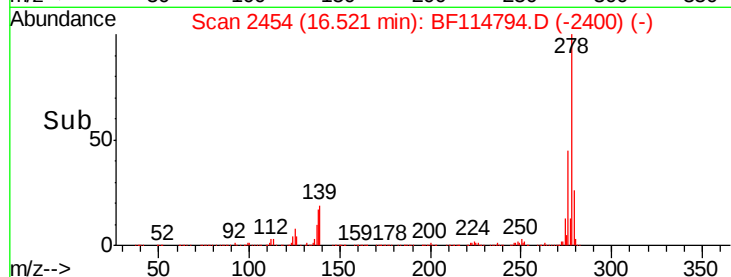
279 25.8 20.1 30.1



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: 92.105 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.02 min

Lab File: BF114794.D

Acq: 4 Jun 2019 15:59

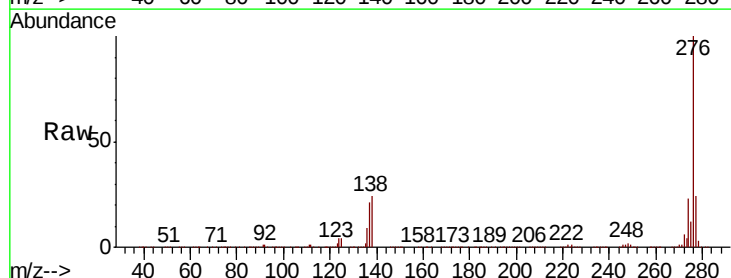
Tgt Ion:276 Resp: 4547591

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.6

138 23.9 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

