

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114439.D
 Acq On : 20 May 2019 15:30
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 17:21:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243038	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	972975	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	461992	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	910205	20.00	ng	0.00
76) Chrysene-d12	14.00	240	587916	20.00	ng	0.00
87) Perylene-d12	15.46	264	547564	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1146915	75.94	ng	-0.01
7) Phenol-d6	6.48	99	1416123	79.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	1371931	79.13	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	363924	76.19	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2304537	75.46	ng	0.00
79) Terphenyl-d14	12.93	244	2280129	79.95	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	278843	33.591	ng	100
3) Pyridine	3.33	79	797101	34.851	ng	98
4) n-Nitrosodimethylamine	3.30	42	377830	34.257	ng	97
6) Aniline	6.50	93	990285	38.380	ng	# 84
8) 2-Chlorophenol	6.62	128	655513	40.658	ng	96
9) Benzaldehyde	6.38	77	422622	33.797	ng	99
10) Phenol	6.49	94	817271	38.894	ng	80
11) bis(2-Chloroethyl)ether	6.56	93	655349	41.081	ng	99
12) 1,3-Dichlorobenzene	6.77	146	722445	39.919	ng	99
13) 1,4-Dichlorobenzene	6.85	146	736504	40.386	ng	98
14) 1,2-Dichlorobenzene	7.00	146	671951	40.330	ng	100
15) Benzyl Alcohol	6.98	79	541334	38.857	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1215507	39.298	ng	75
17) 2-Methylphenol	7.09	107	522100	39.421	ng	94
18) Hexachloroethane	7.34	117	274879	40.155	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	449710	39.720	ng	95
20) 3+4-Methylphenols	7.25	107	636023	41.565	ng	# 72
22) Acetophenone	7.24	105	857953	39.804	ng	# 93
24) Nitrobenzene	7.42	77	703166	39.821	ng	98
25) Isophorone	7.66	82	1281685	39.861	ng	100
26) 2-Nitrophenol	7.73	139	358357	41.829	ng	98
27) 2,4-Dimethylphenol	7.77	122	523158	38.881	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	847191	40.608	ng	99
29) 2,4-Dichlorophenol	7.98	162	539786	40.287	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	603620	39.619	ng	99
31) Naphthalene	8.13	128	1841960	40.528	ng	99
32) Benzoic acid	7.93	122	395079	42.177	ng	95
33) 4-Chloroaniline	8.19	127	843753	40.740	ng	99
34) Hexachlorobutadiene	8.25	225	347853	40.127	ng	98
35) Caprolactam	8.57	113	193594	44.312	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	567717	42.095	ng	99
37) 2-Methylnaphthalene	8.83	142	1221473	41.655	ng	97
38) 1-Methylnaphthalene	8.93	142	1148598	41.594	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	561165	40.098	ng	100

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

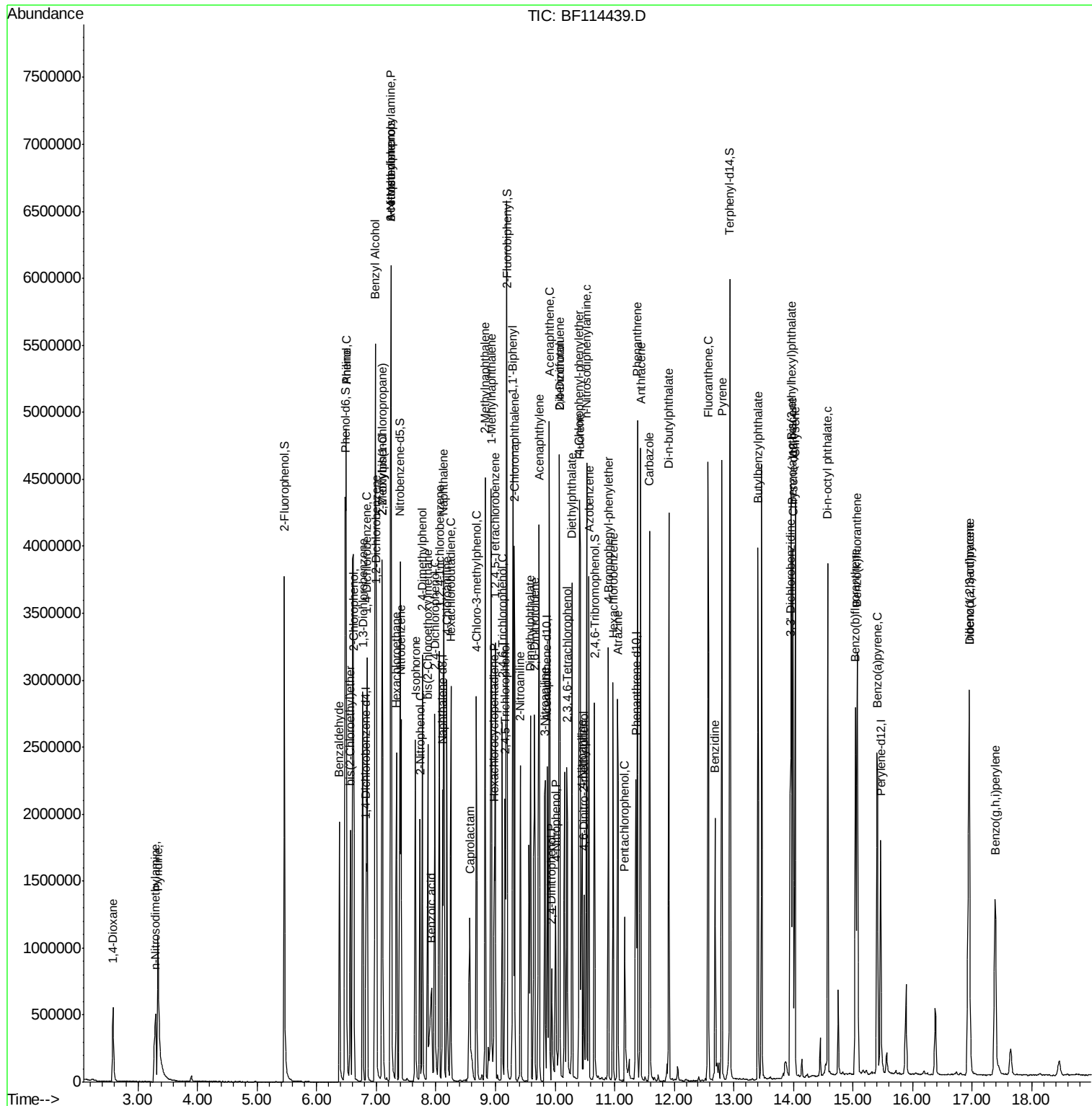
Instrument :
 BNA_F
 ClientSampleId :

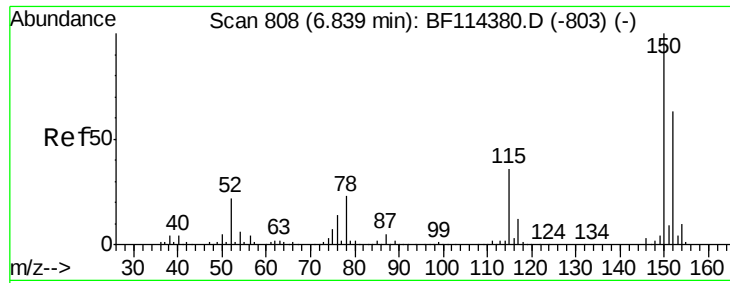
Quant Time: May 20 17:21:20 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	214858	35.497	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	382060	39.690	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	391350	39.643	nq	98
46) 1,1'-Biphenyl	9.29	154	1483609	39.751	nq	98
47) 2-Chloronaphthalene	9.32	162	1193014	39.718	nq	99
48) 2-Nitroaniline	9.42	65	436733	40.998	nq	97
49) Acenaphthylene	9.73	152	1791239	39.209	nq	99
50) Dimethylphthalate	9.59	163	1376877	40.598	nq	99
51) 2,6-Dinitrotoluene	9.66	165	303248	40.314	nq	99
52) Acenaphthene	9.90	154	1078807	38.482	nq	99
53) 3-Nitroaniline	9.83	138	376780	40.351	nq	97
54) 2,4-Dinitrophenol	9.95	184	128417	37.834	nq	98
55) Dibenzofuran	10.07	168	1532337	37.276	nq	100
56) 4-Nitrophenol	10.01	139	247909	37.542	nq	90
57) 2,4-Dinitrotoluene	10.07	165	376140	36.841	nq	# 88
58) Fluorene	10.42	166	1260418	39.696	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	317031	37.220	nq	97
60) Diethylphthalate	10.29	149	1343450	38.987	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	619187	39.704	nq	97
62) 4-Nitroaniline	10.45	138	392299	39.981	nq	95
63) Azobenzene	10.57	77	1299568	38.962	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	190408	43.535	nq	100
66) n-Nitrosodiphenylamine	10.53	169	1119038	40.508	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	401922	40.105	nq	96
68) Hexachlorobenzene	10.97	284	443619	40.013	nq	92
69) Atrazine	11.05	200	332252	38.649	nq	100
70) Pentachlorophenol	11.17	266	195743	37.245	nq	98
71) Phenanthrene	11.38	178	1777055	40.130	nq	99
72) Anthracene	11.43	178	1811265	40.723	nq	99
73) Carbazole	11.59	167	1729842	40.785	nq	99
74) Di-n-butylphthalate	11.91	149	2105677	43.092	nq	99
75) Fluoranthene	12.57	202	1916006	40.179	nq	98
77) Benzidine	12.69	184	828432	31.391	nq	97
78) Pyrene	12.80	202	1938201	40.981	nq	99
80) Butylbenzylphthalate	13.40	149	875547	43.982	nq	98
81) Benzo(a)anthracene	13.99	228	1581886	41.600	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	623738	42.283	nq	99
83) Chrysene	14.03	228	1512393	40.572	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1158639	44.502	nq	99
85) Di-n-octyl phthalate	14.57	149	1765196	41.824	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1402738	42.579	nq	99
88) Benzo(b)fluoranthene	15.04	252	1520176	43.334	nq	100
89) Benzo(k)fluoranthene	15.07	252	1230671	38.190	nq	99
90) Benzo(a)pyrene	15.40	252	1282048	41.526	nq	100
91) Dibenzo(a,h)anthracene	16.95	278	1146505	44.690	nq	99
92) Benzo(g,h,i)perylene	17.39	276	1189679	46.274	nq	99

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

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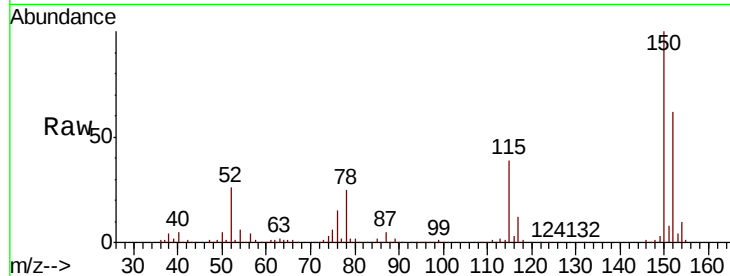


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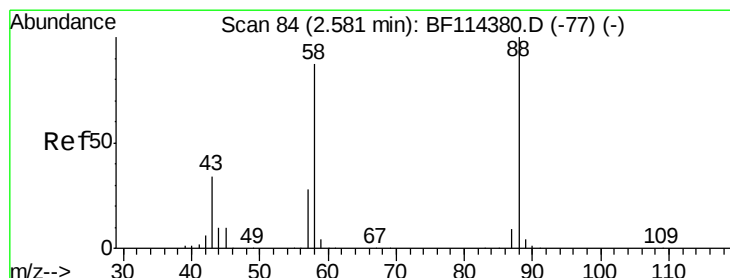
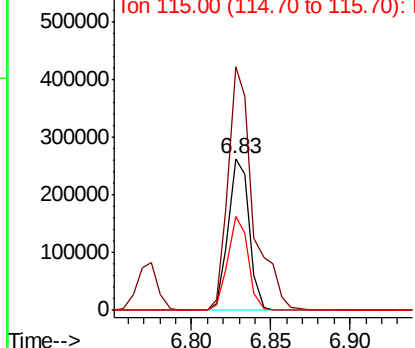
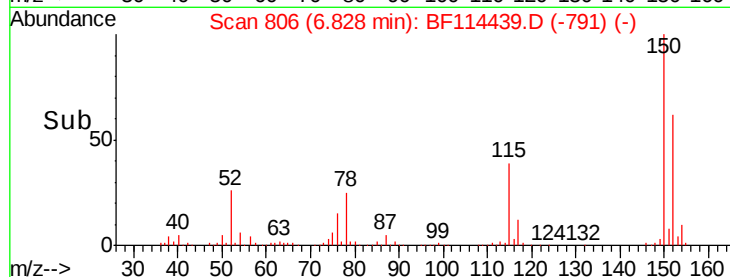
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.3	186.5
115	61.8	49.1	73.7



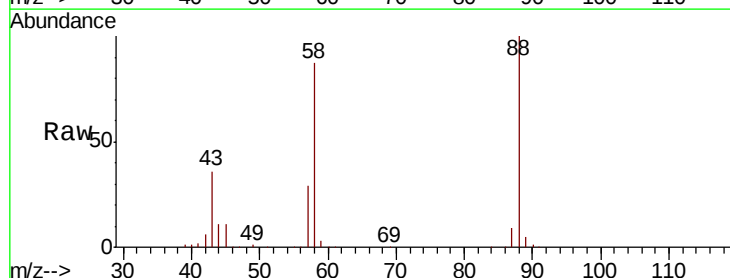
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



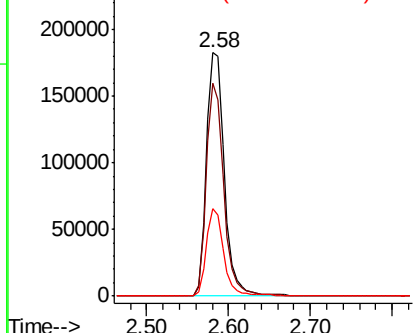
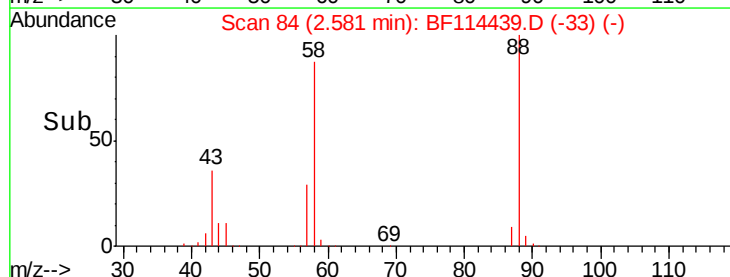
#2

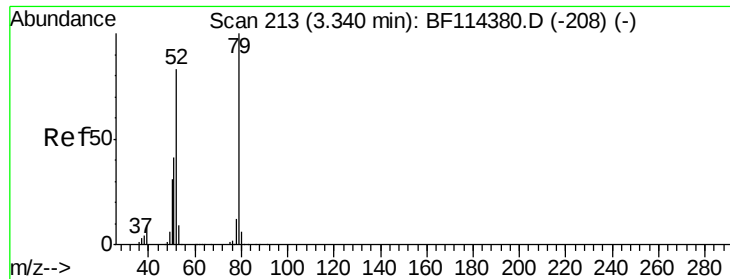
1,4-Dioxane
 Concen: 33.591 ng
 RT: 2.58 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	68.7	103.1
43	34.9	28.2	42.2



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





#3

Pvridine

Concen: 34.851 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

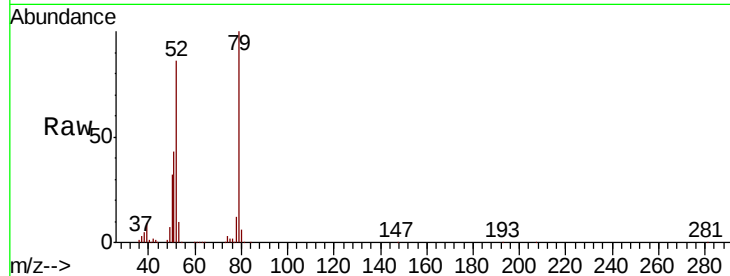
Tot Ion: 79 Resp: 797101

Ion Ratio Lower Upper

79 100

52 86.0 70.6 105.8

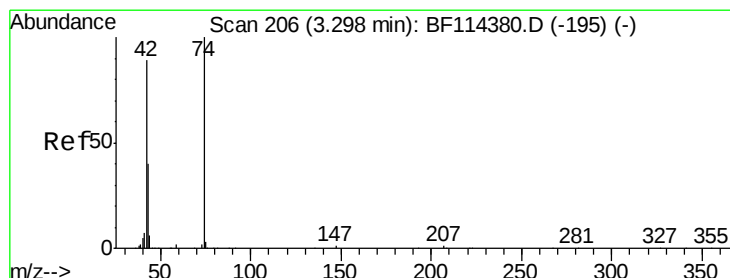
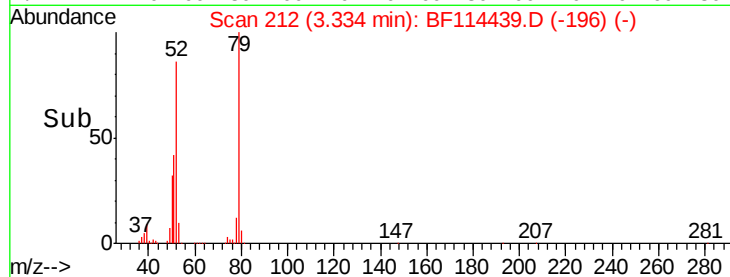
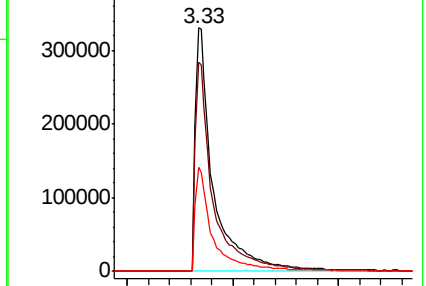
51 42.5 34.2 51.2



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: 34.257 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

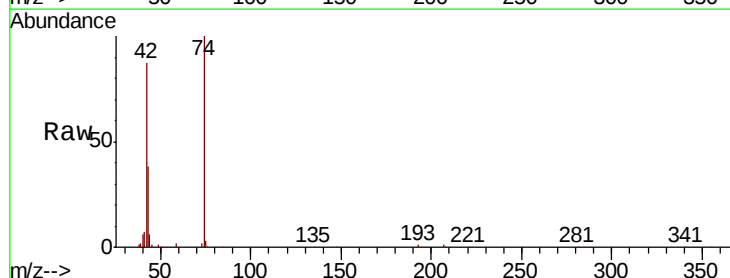
Tgt Ion: 42 Resp: 377830

Ion Ratio Lower Upper

42 100

74 114.6 88.6 132.8

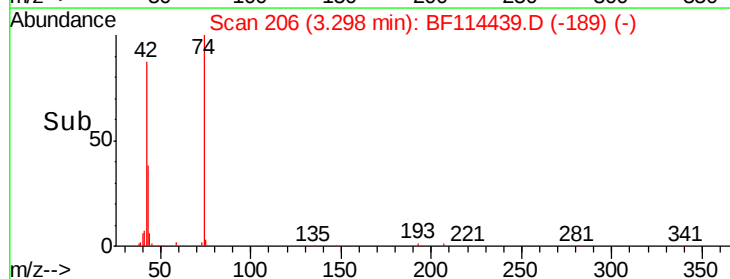
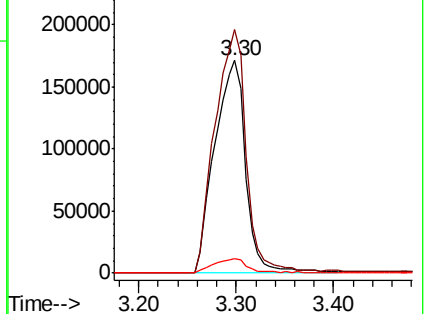
44 7.0 5.5 8.3

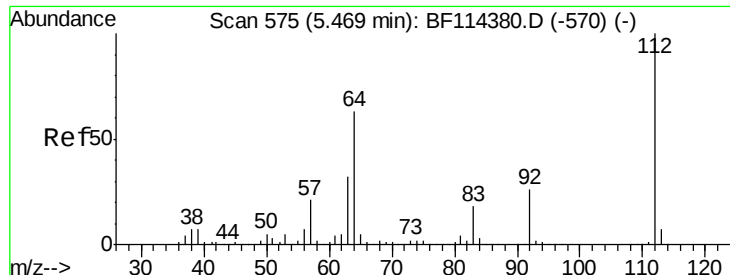


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.942 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampled :

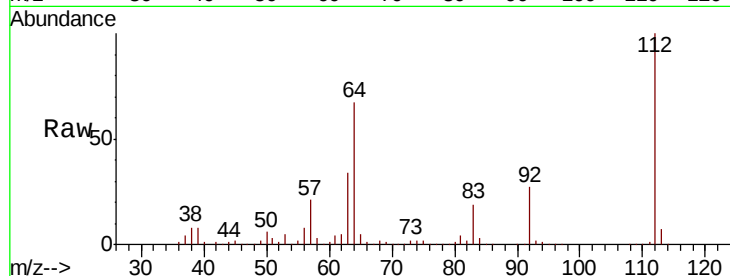
Tot Ion:112 Resp: 1146915

Ion Ratio Lower Upper

112 100

64 66.6 49.0 73.6

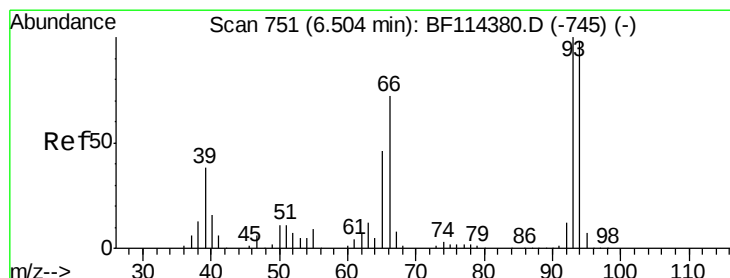
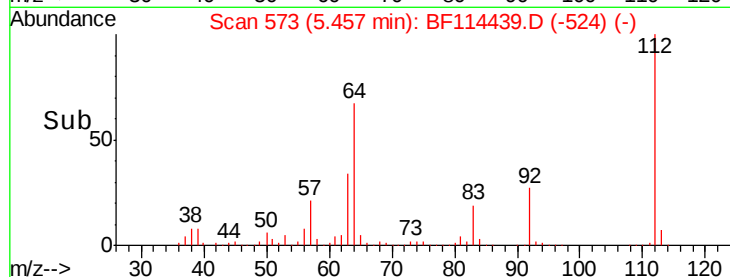
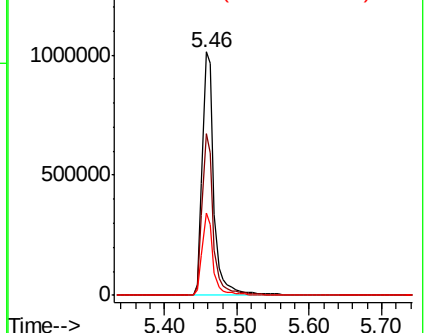
63 33.6 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.380 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

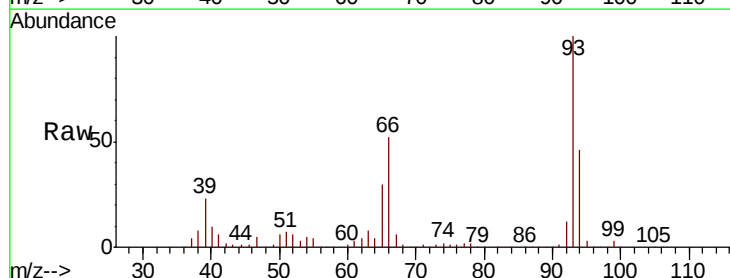
Tgt Ion: 93 Resp: 990285

Ion Ratio Lower Upper

93 100

66 51.5 33.2 49.8#

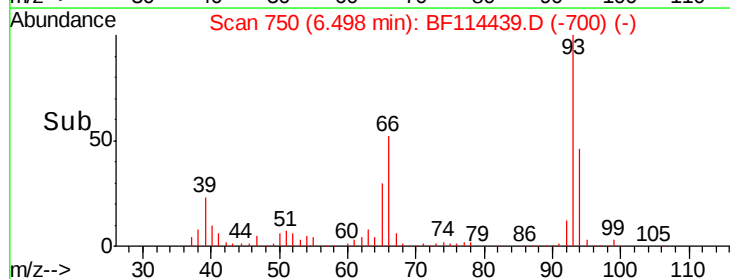
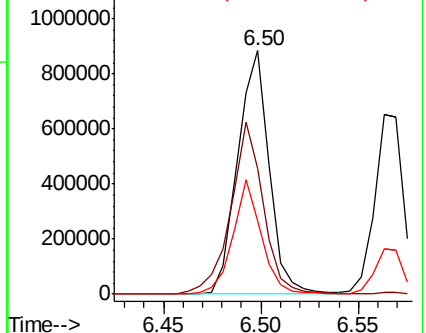
65 30.1 17.6 26.4#

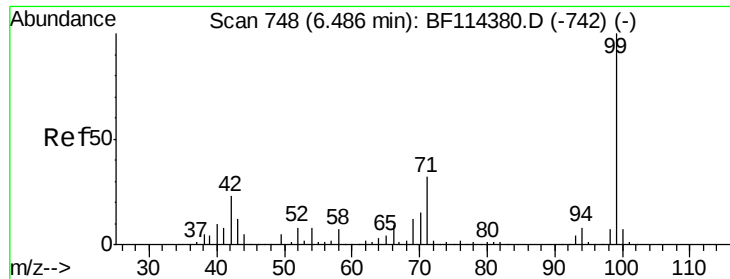


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.281 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

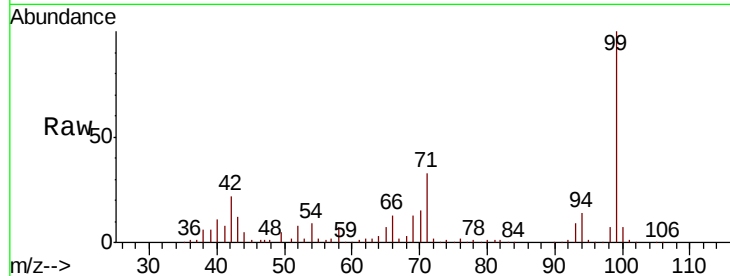
Tot Ion: 99 Resp: 1416123

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

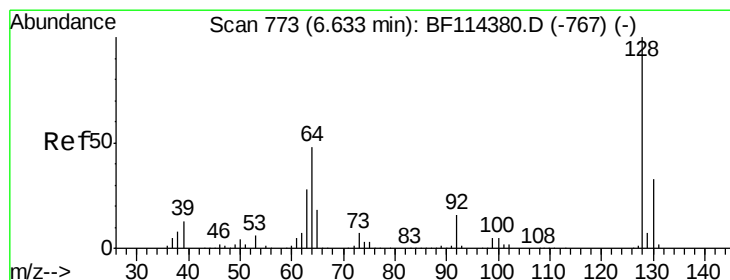
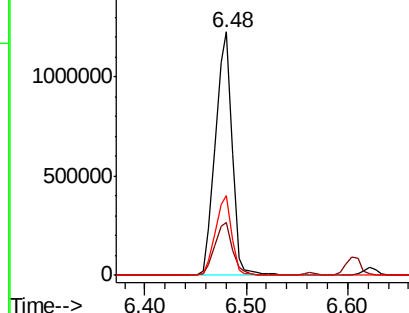
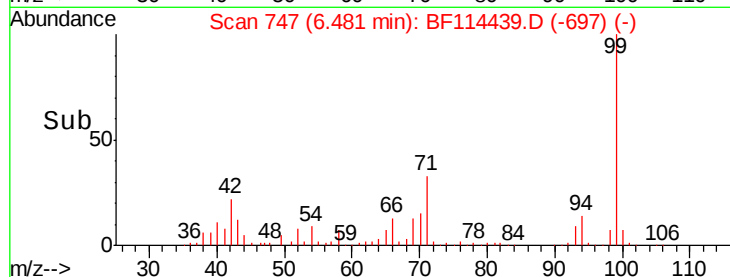
71 32.9 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.658 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

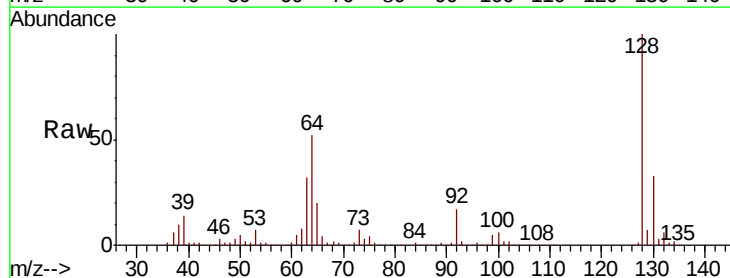
Tgt Ion: 128 Resp: 655513

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

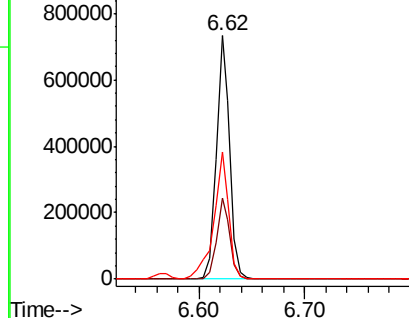
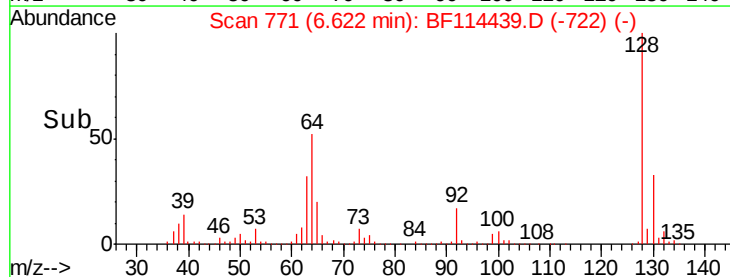
64 52.1 35.9 75.9

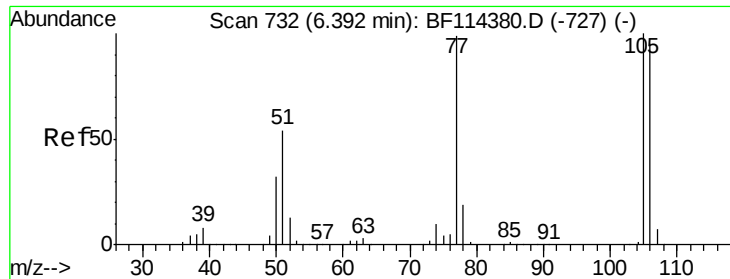


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

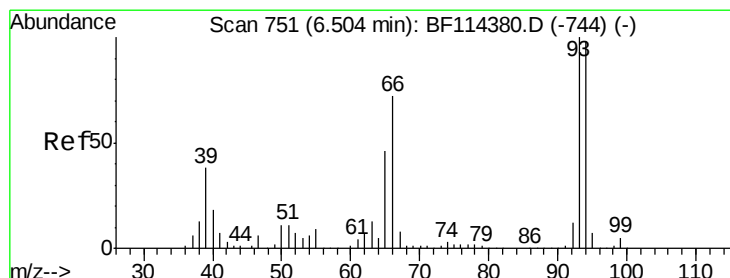
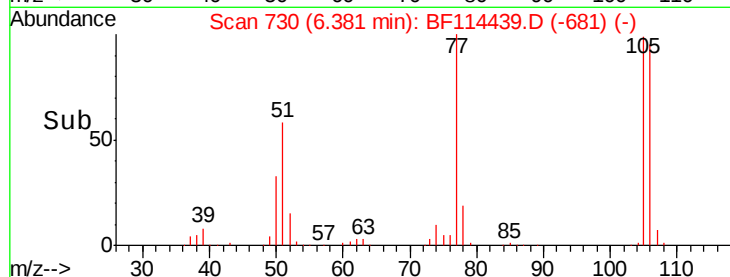
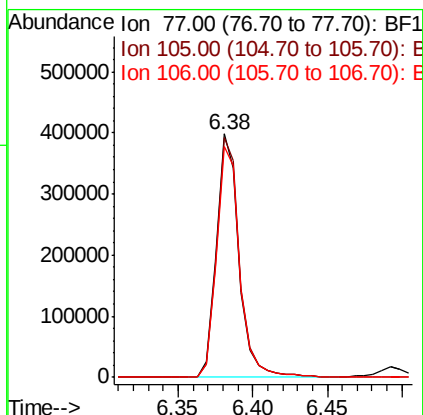
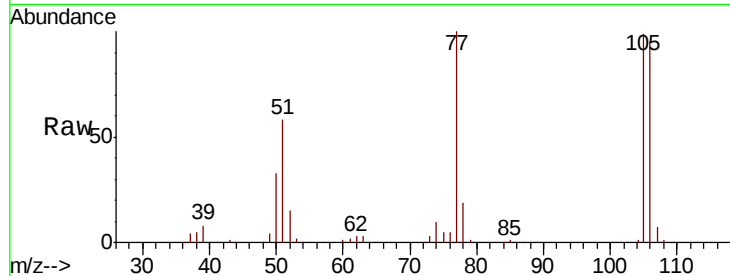




#9
Benzaldehyde
Concen: 33.797 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

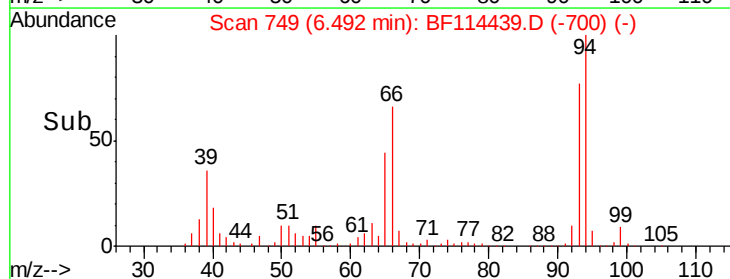
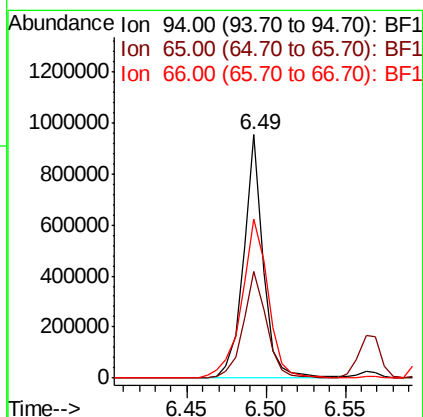
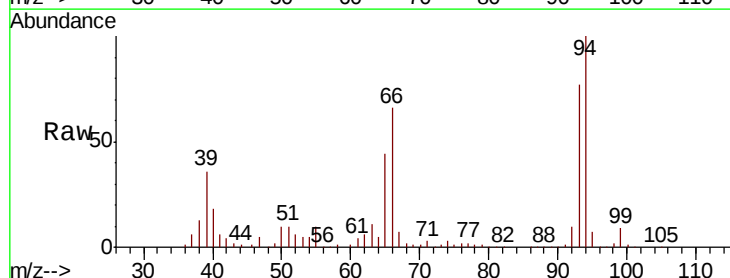
Instrument :
BNA_F
ClientSampled :

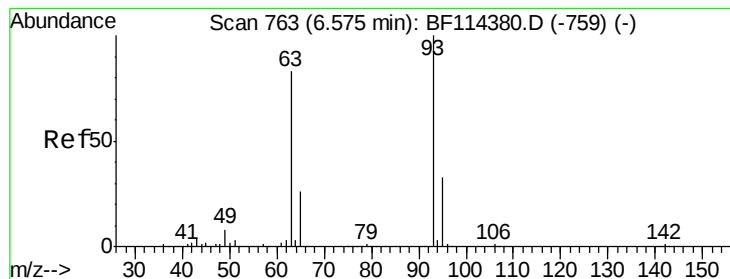
Tot Ion: 77 Resp: 422622
Ion Ratio Lower Upper
77 100
105 98.7 79.3 119.3
106 94.7 77.0 117.0



#10
Phenol
Concen: 38.894 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion: 94 Resp: 817271
Ion Ratio Lower Upper
94 100
65 43.7 14.7 54.7
66 65.6 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 41.081 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

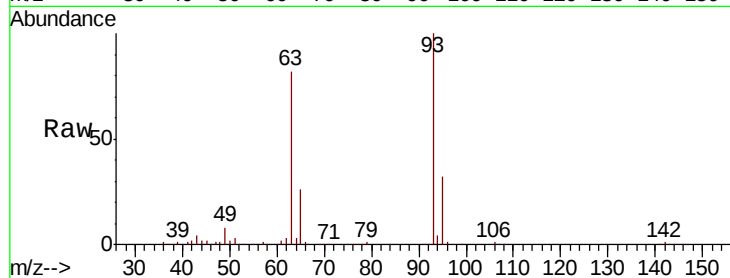
Tot Ion: 93 Resp: 655349

Ion Ratio Lower Upper

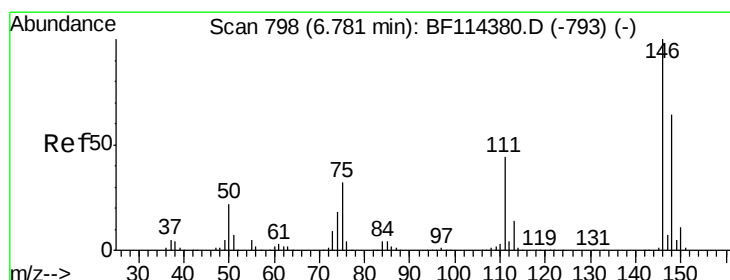
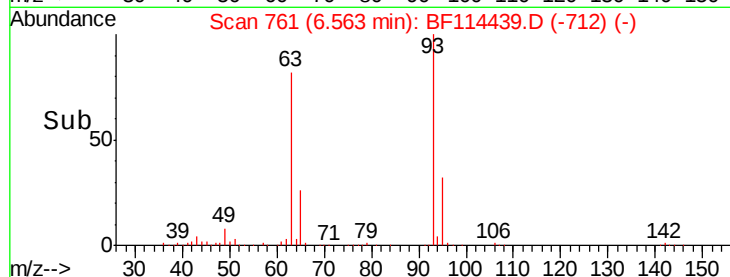
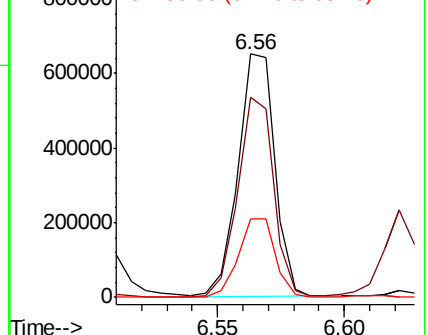
93 100

63 82.4 63.6 103.6

95 32.4 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.919 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

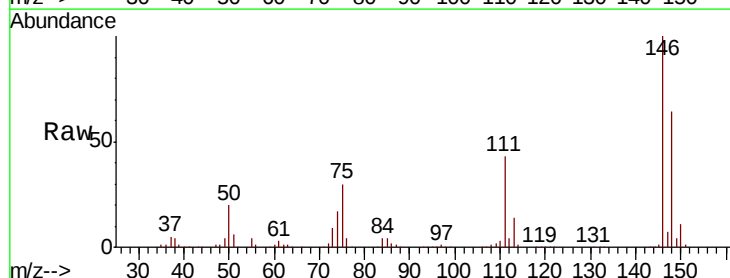
Tgt Ion: 146 Resp: 722445

Ion Ratio Lower Upper

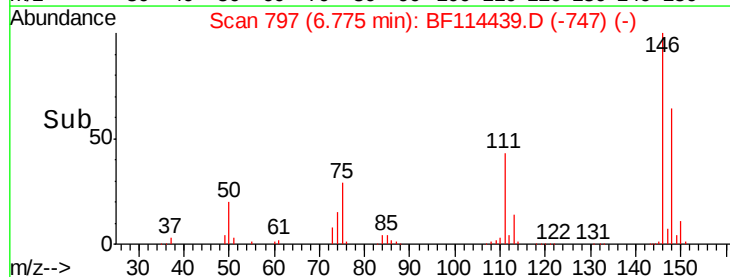
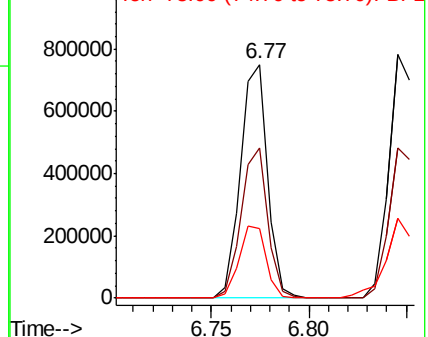
146 100

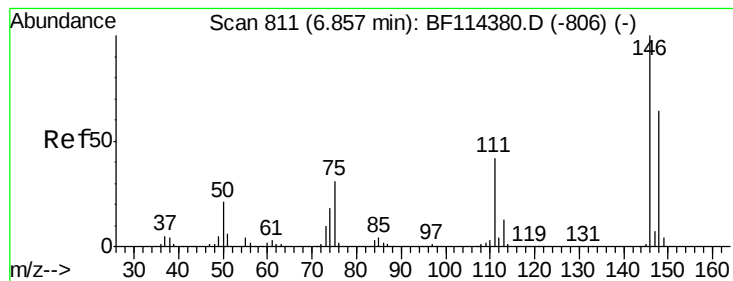
148 64.2 51.6 77.4

75 29.7 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.386 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

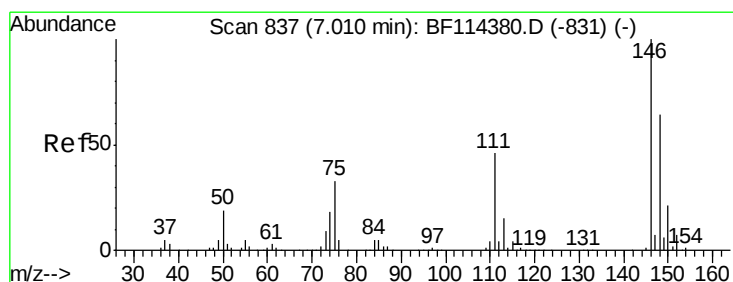
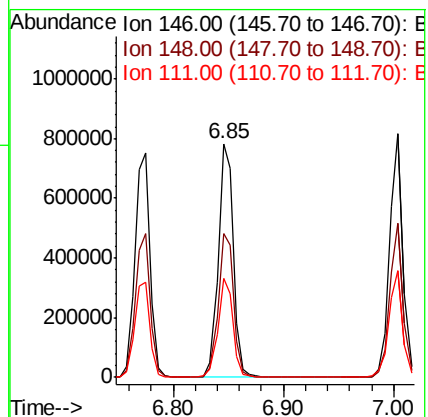
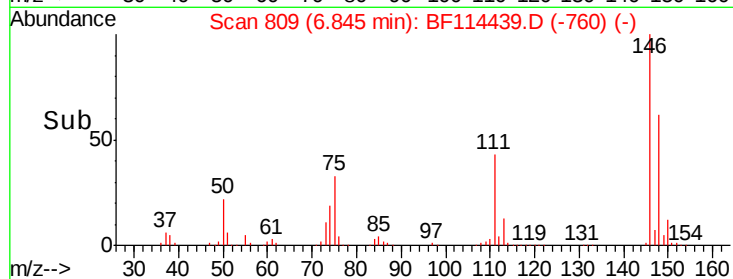
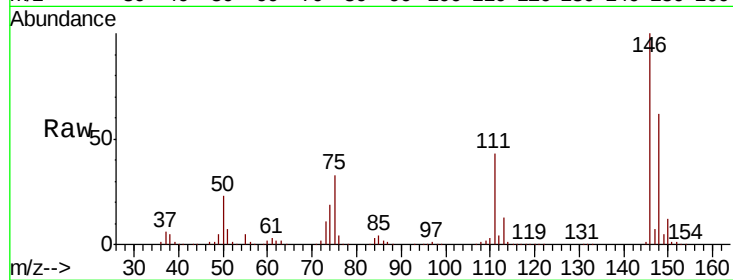
Tot Ion:146 Resp: 736504

Ion Ratio Lower Upper

146 100

148 61.8 50.2 75.2

111 42.7 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 40.330 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

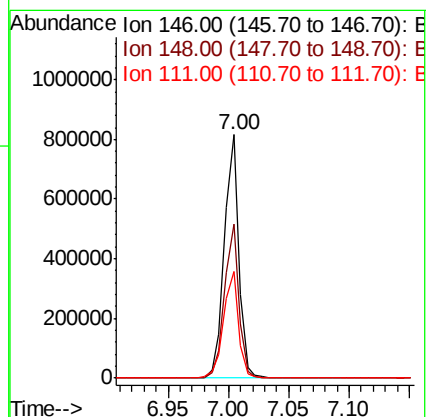
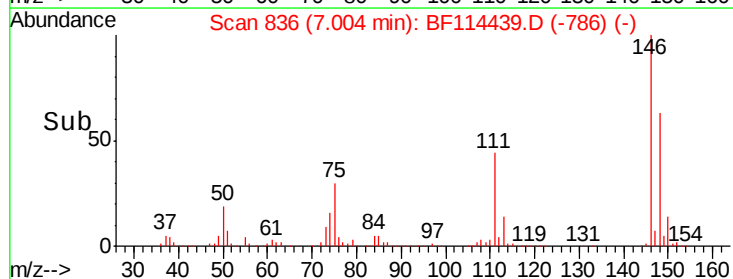
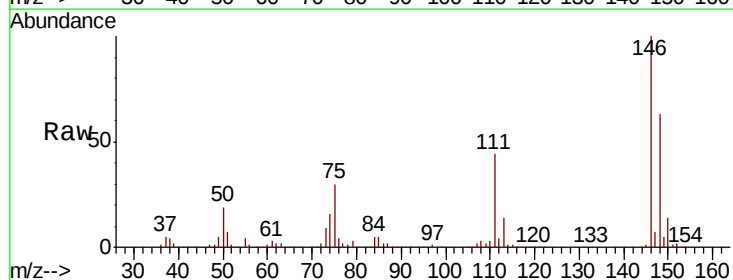
Tgt Ion:146 Resp: 671951

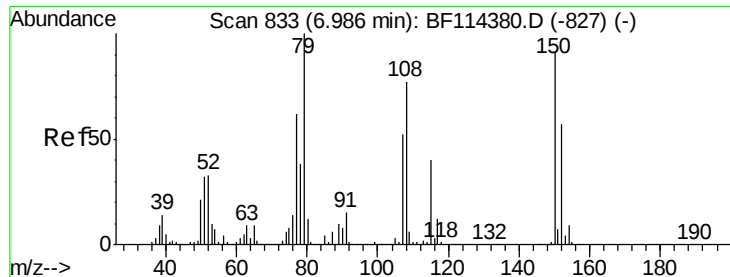
Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

111 43.9 35.3 52.9





#15

Benzyl Alcohol

Concen: 38.857 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

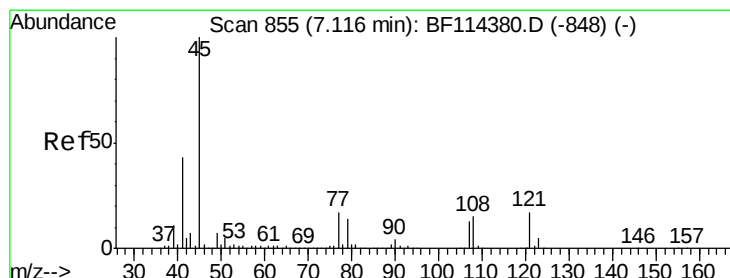
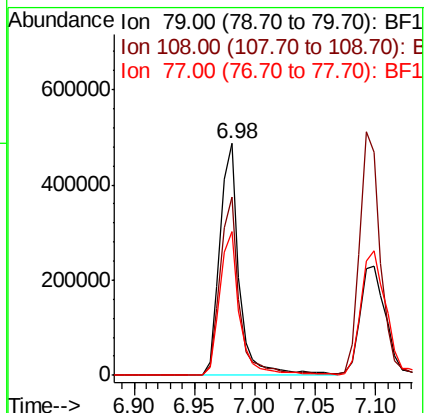
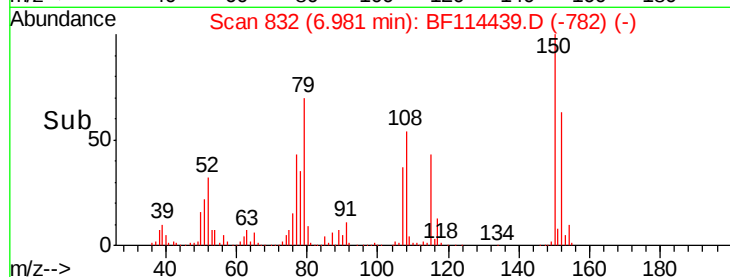
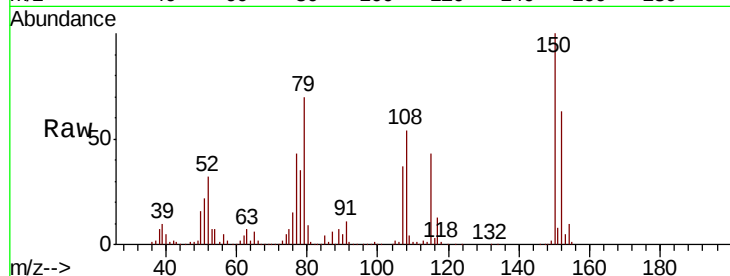
Tot Ion: 79 Resp: 541334

Ion Ratio Lower Upper

79 100

108 76.9 62.1 93.1

77 61.9 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.298 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

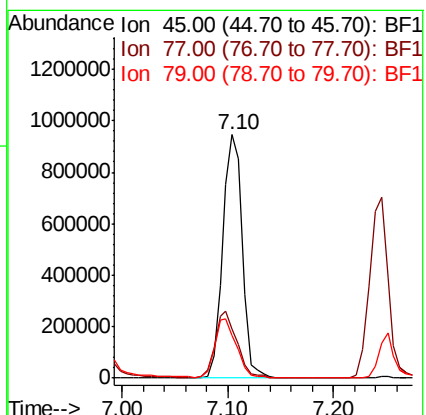
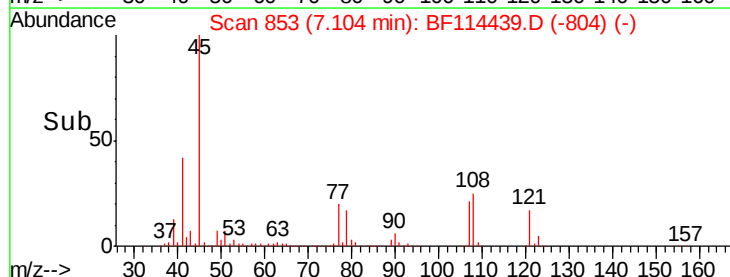
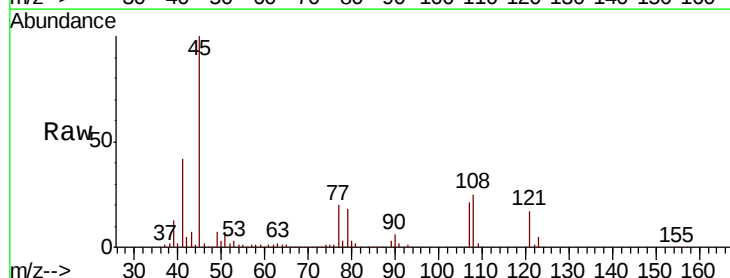
Tgt Ion: 45 Resp: 1215507

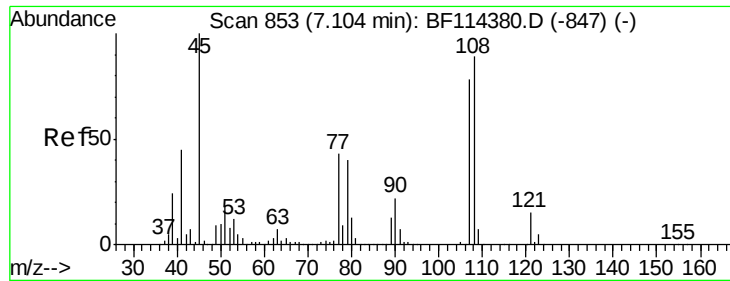
Ion Ratio Lower Upper

45 100

77 20.2 0.0 31.1

79 17.6 0.0 28.4

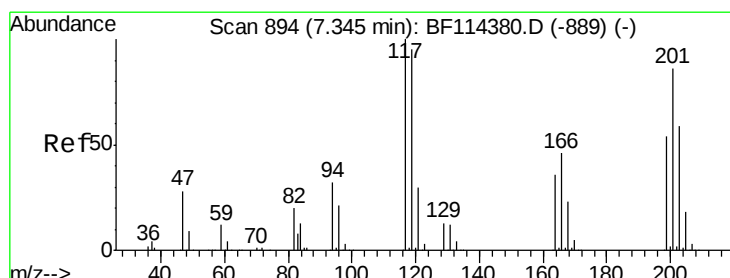
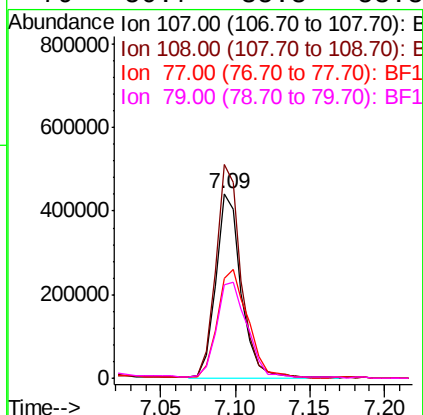
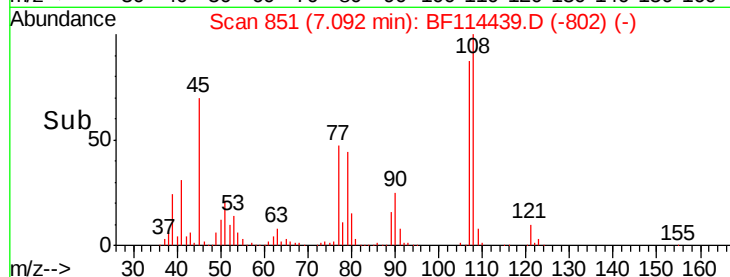
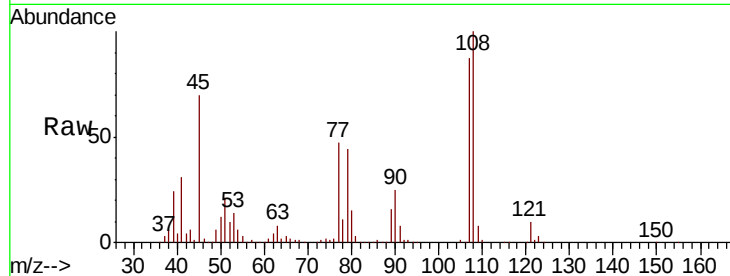




#17
2-Methylphenol
Concen: 39.421 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

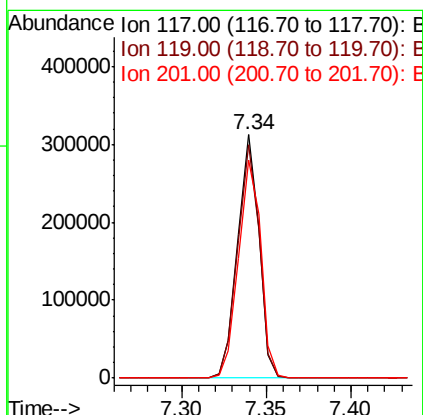
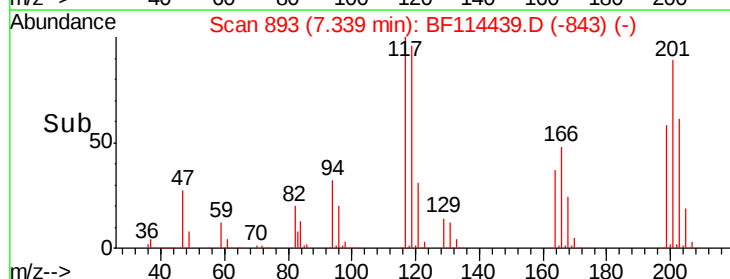
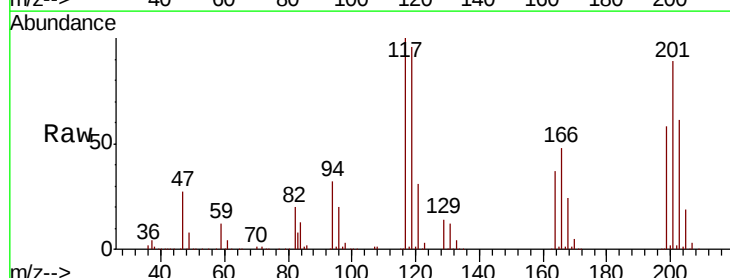
Instrument :
BNA_F
ClientSampled :

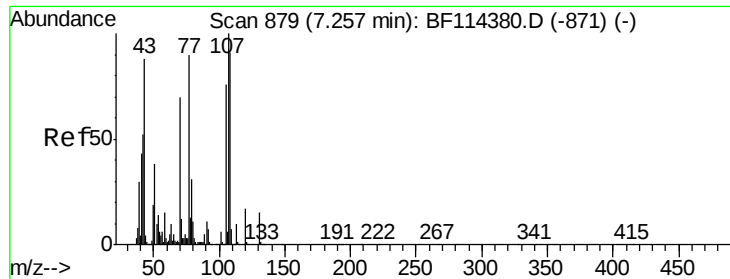
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.5	135.7
77	54.1	37.0	55.4
79	50.7	35.8	53.8



#18
Hexachloroethane
Concen: 40.155 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.2
201	89.3	74.5	111.7

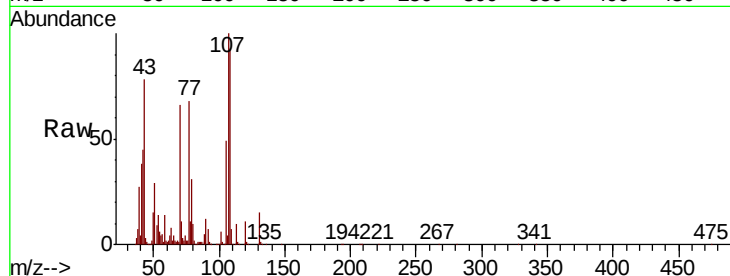




#19
n-Nitroso-di-n-propylamine
Concen: 39.720 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	449710
Ion	Ratio	Lower	Upper
70	100		
42	68.4	58.6	87.8
101	9.4	7.8	11.8
130	22.4	17.1	25.7



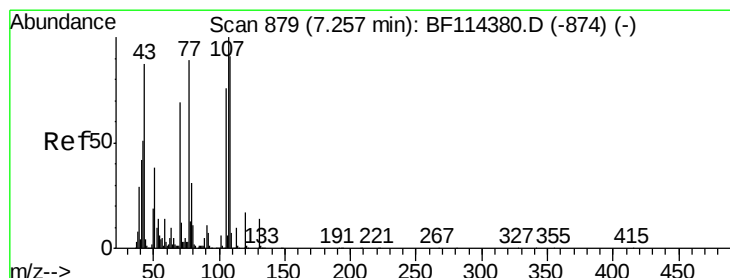
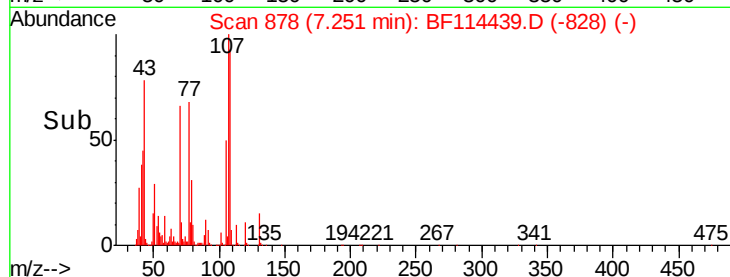
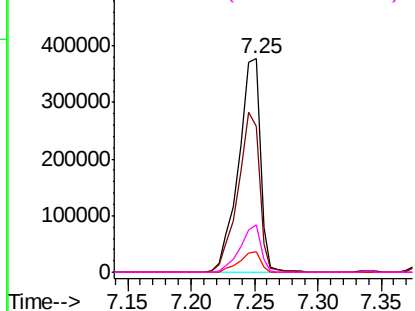
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

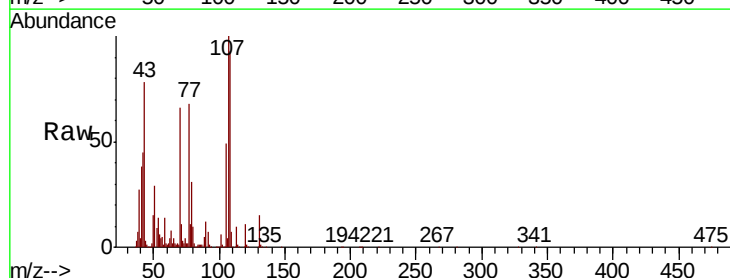
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 41.565 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:	107	Resp:	636023
Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.8	113.8
77	67.9	111.5	151.5#
79	30.8	12.0	52.0



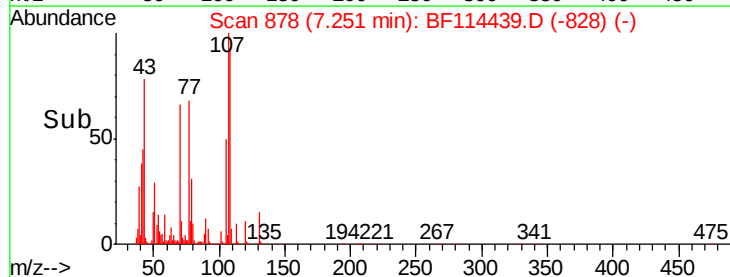
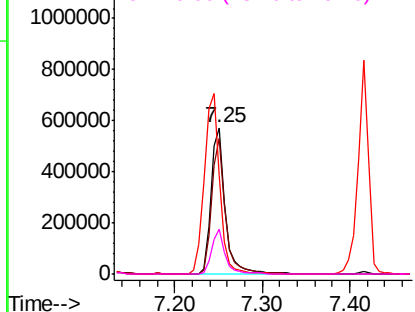
Abundance

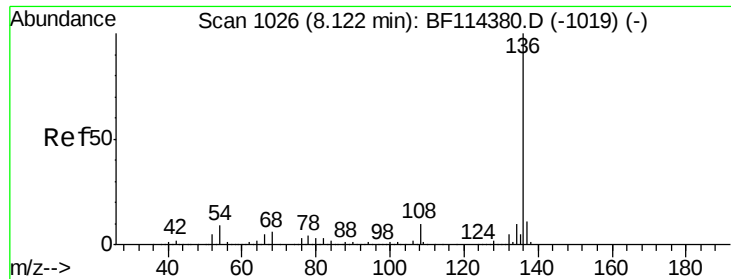
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 972975

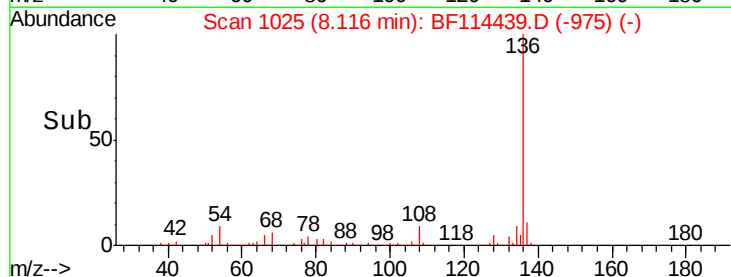
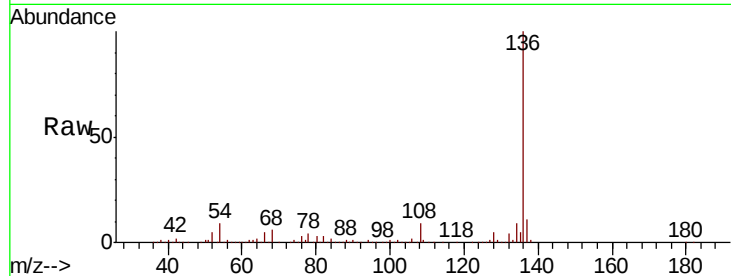
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.0 7.8 11.8

68 5.8 5.1 7.7

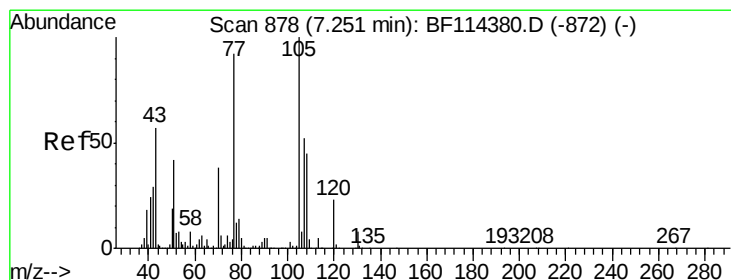
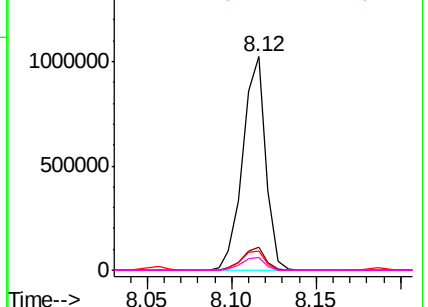


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.804 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Tgt Ion:105 Resp: 857953

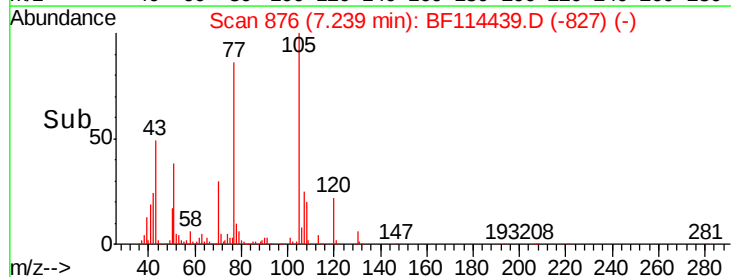
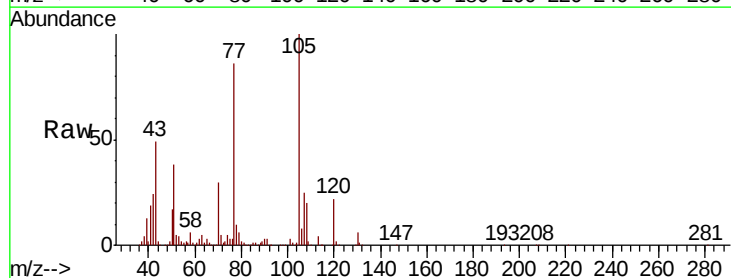
Ion Ratio Lower Upper

105 100

71 5.2 5.3 7.9#

51 38.2 36.2 54.4

120 22.3 18.6 28.0

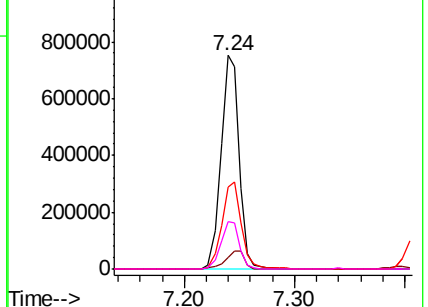


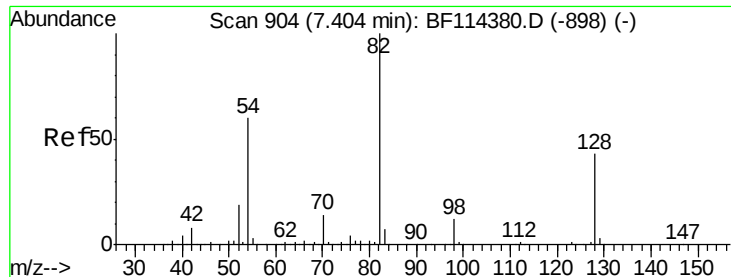
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

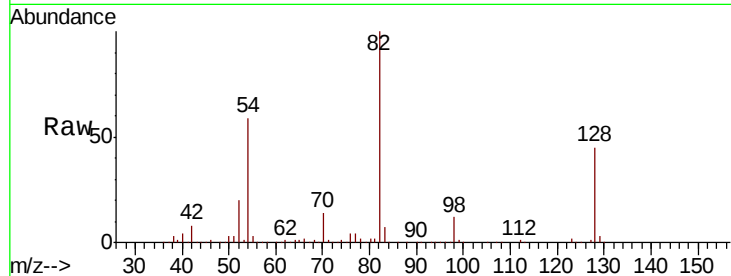




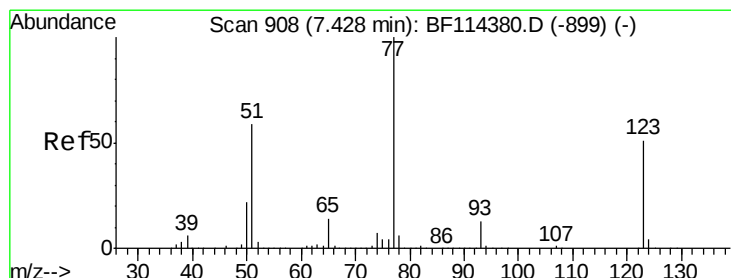
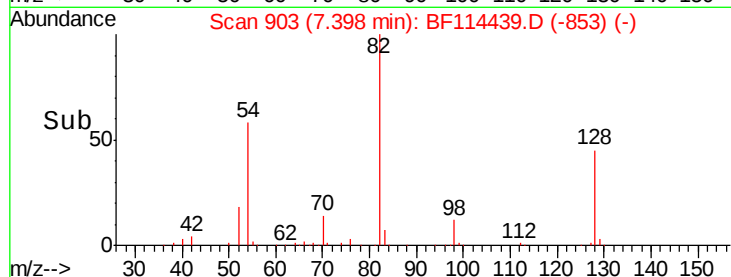
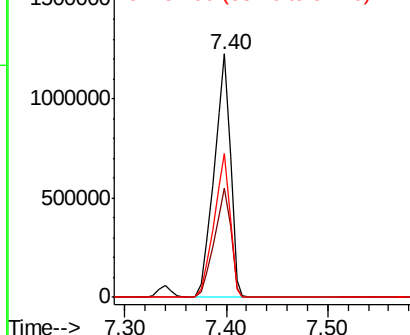
#23
Nitrobenzene-d5
Concen: 79.131 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1371931
Ion Ratio Lower Upper
82 100
128 44.6 35.5 53.3
54 58.8 48.5 72.7

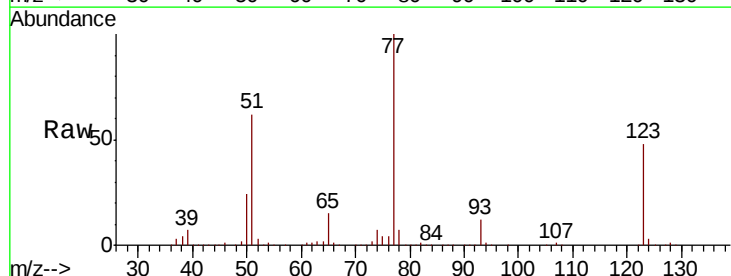


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

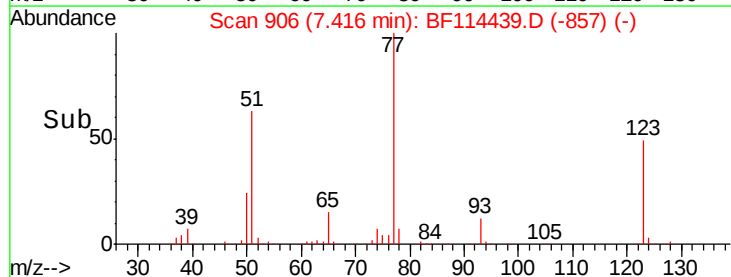
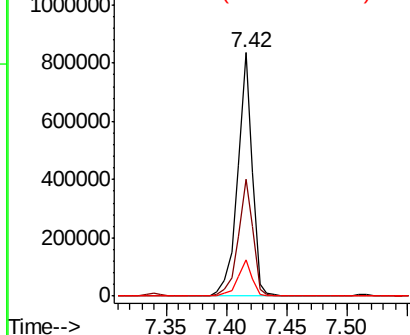


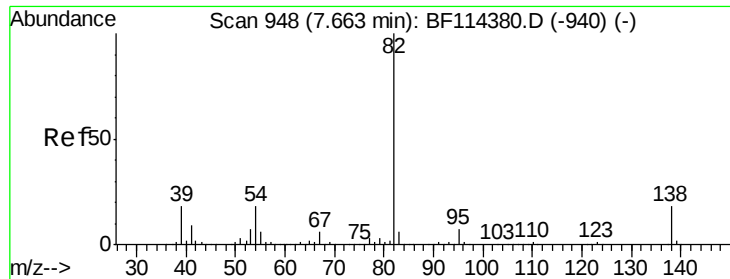
#24
Nitrobenzene
Concen: 39.821 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion: 77 Resp: 703166
Ion Ratio Lower Upper
77 100
123 48.0 36.9 55.3
65 14.7 11.8 17.6



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





#25

Isophorone

Concen: 39.861 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampled :

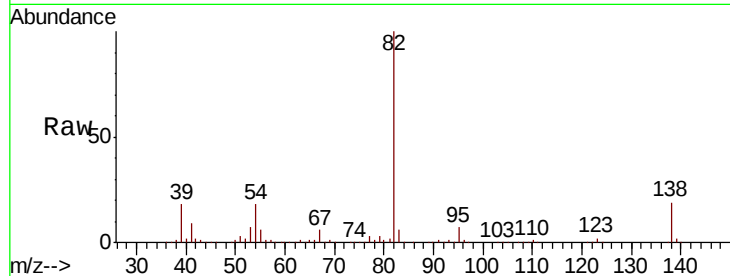
Tot Ion: 82 Resp: 1281685

Ion Ratio Lower Upper

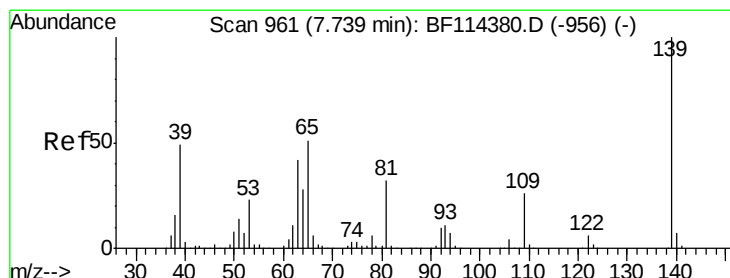
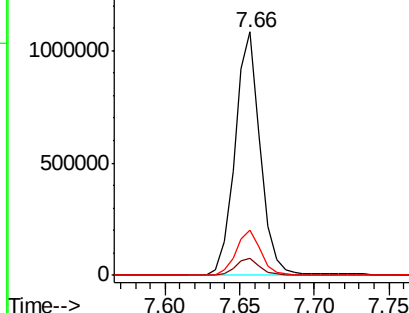
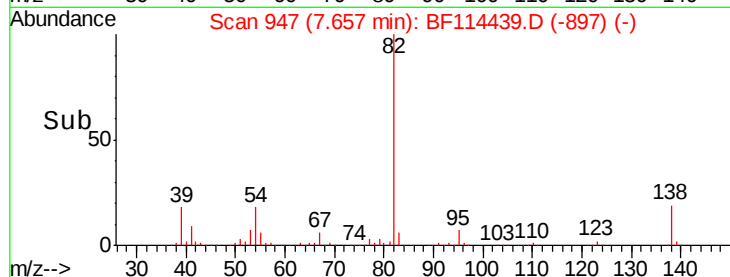
82 100

95 7.0 5.6 8.4

138 18.6 14.8 22.2



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: 41.829 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

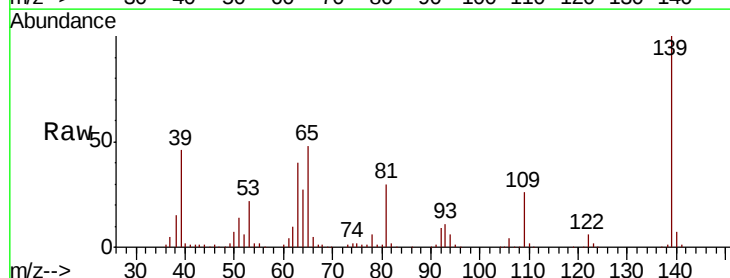
Tgt Ion: 139 Resp: 358357

Ion Ratio Lower Upper

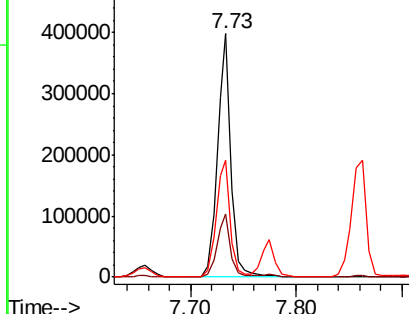
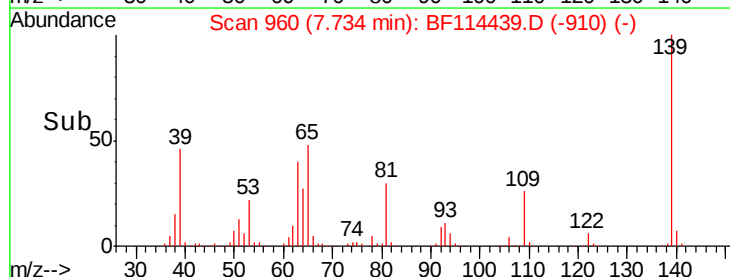
139 100

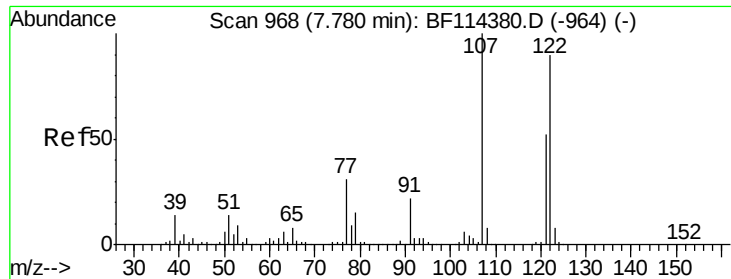
109 25.8 20.7 31.1

65 47.9 40.2 60.2



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

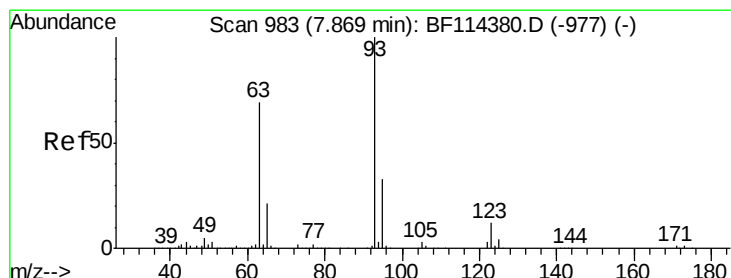
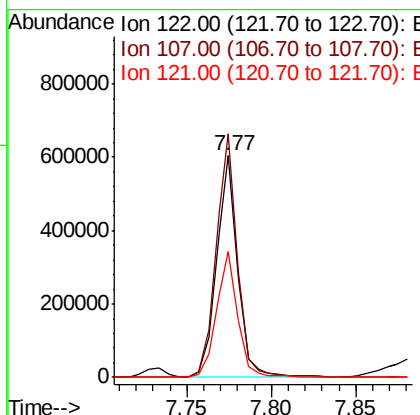
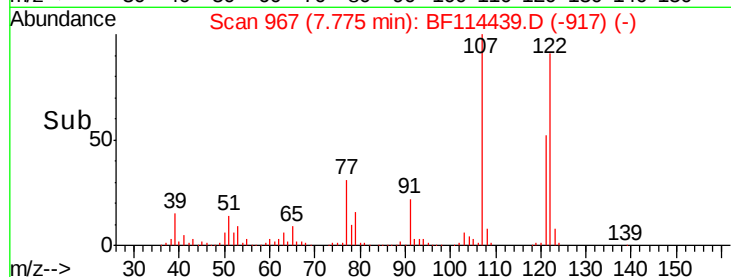
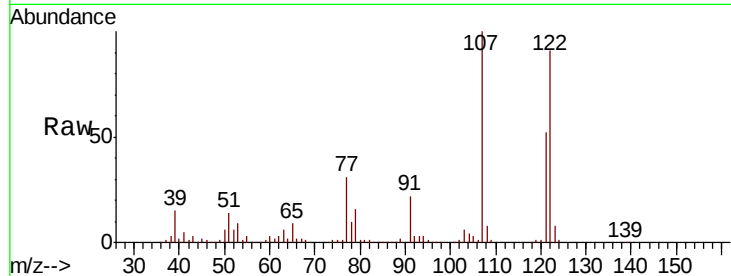




#27
2,4-Dimethylphenol
Concen: 38.881 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

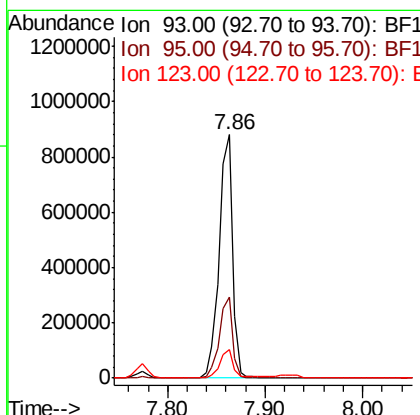
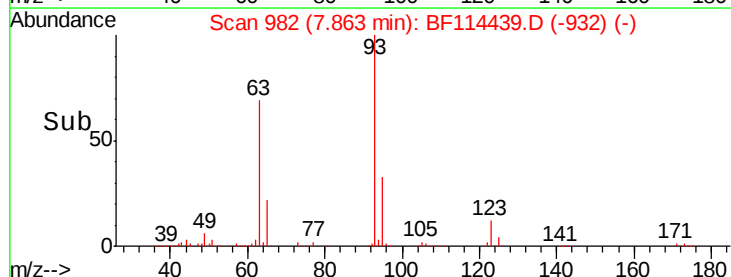
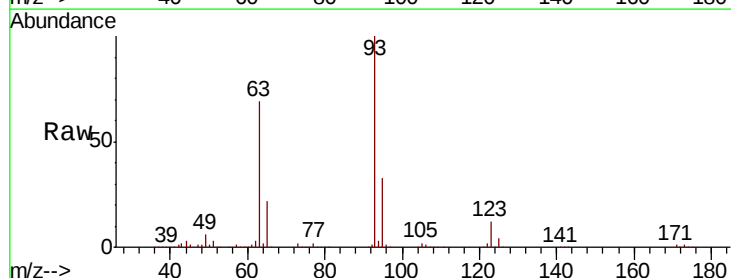
Instrument :
BNA_F
ClientSampleId :

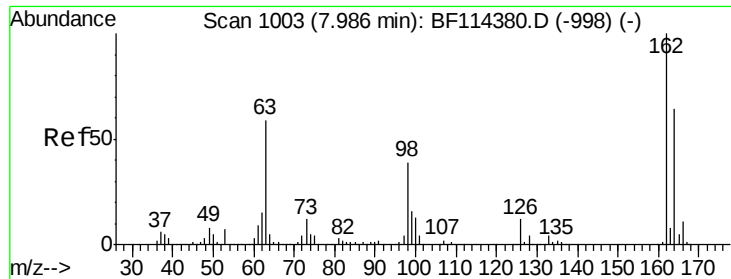
Tot Ion:122 Resp: 523158
Ion Ratio Lower Upper
122 100
107 110.1 88.4 132.6
121 56.7 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.608 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion: 93 Resp: 847191
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 11.7 9.5 14.3

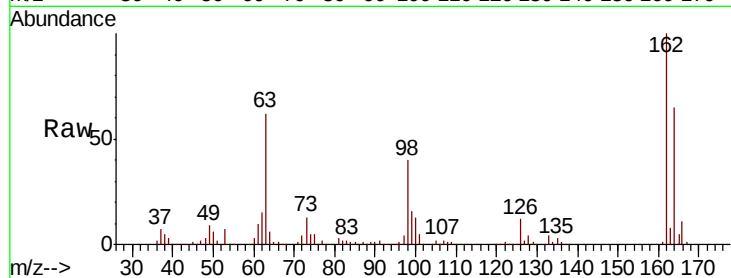




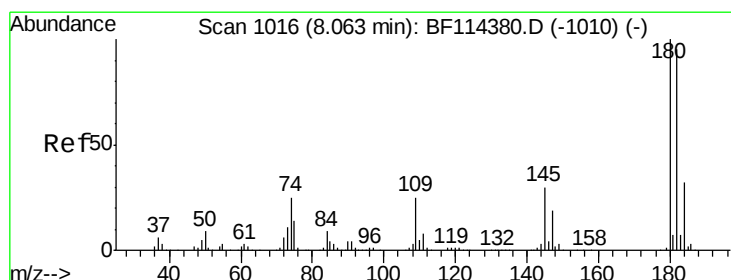
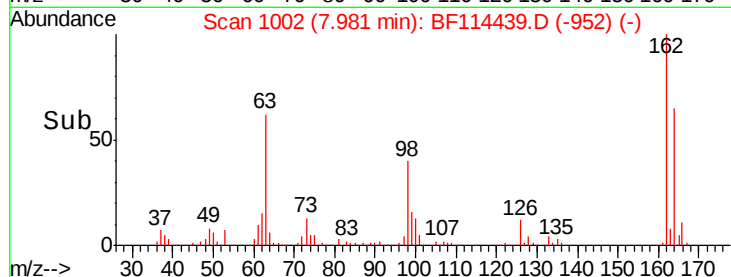
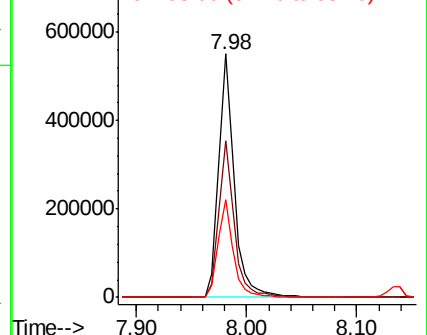
#29
 2,4-Dichlorophenol
 Concen: 40.287 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.6	83.6
98	40.0	20.6	60.6

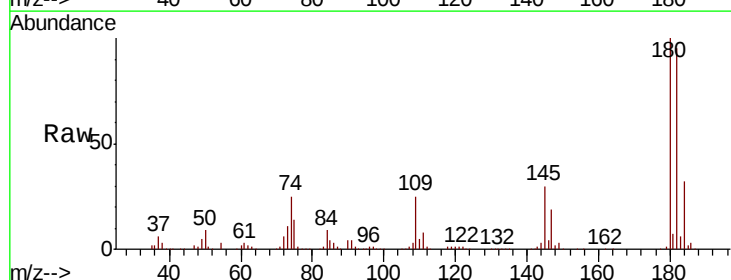


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

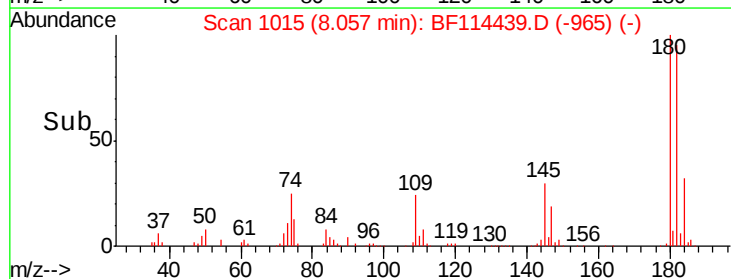
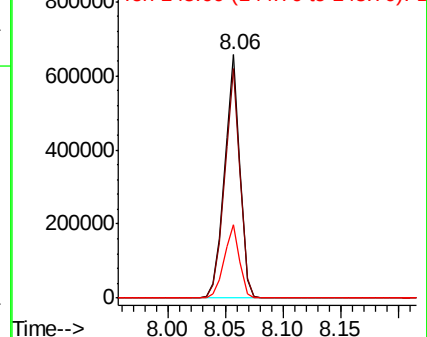


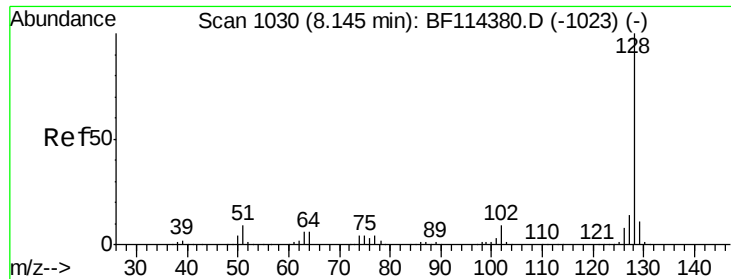
#30
 1,2,4-Trichlorobenzene
 Concen: 39.619 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.6	114.8
145	30.2	25.1	37.7



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

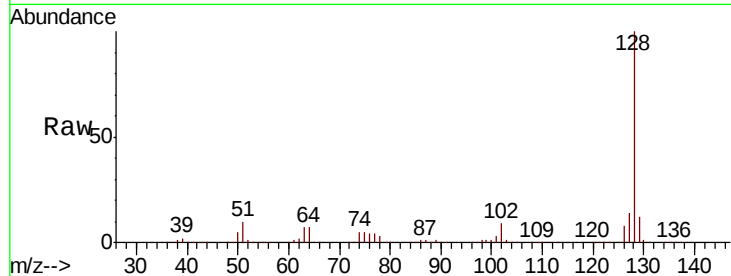




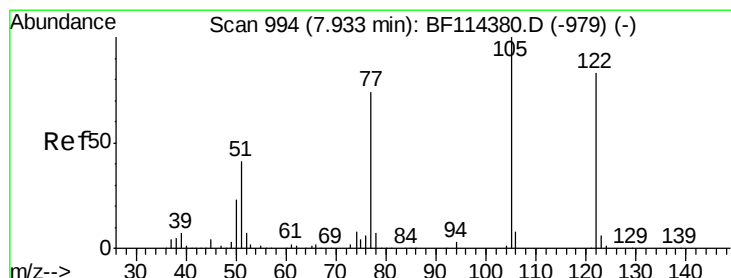
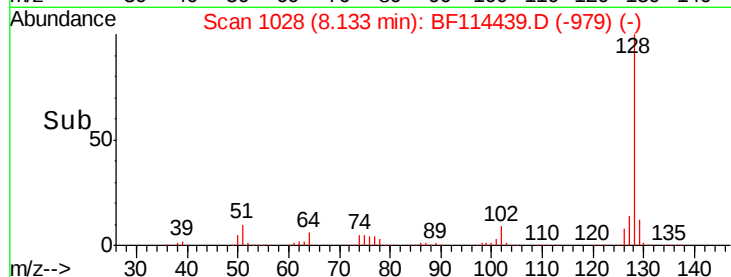
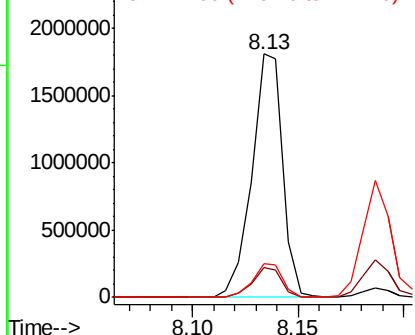
#31
Naphthalene
Concen: 40.528 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1841960
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 13.6 11.3 16.9

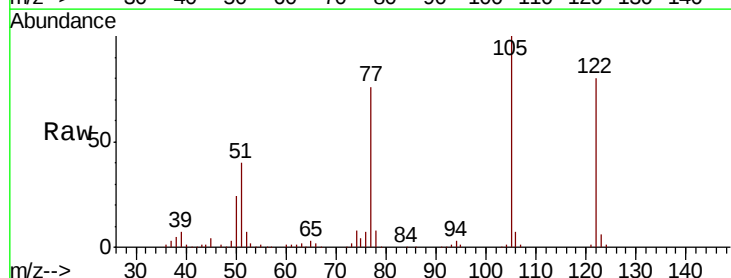


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

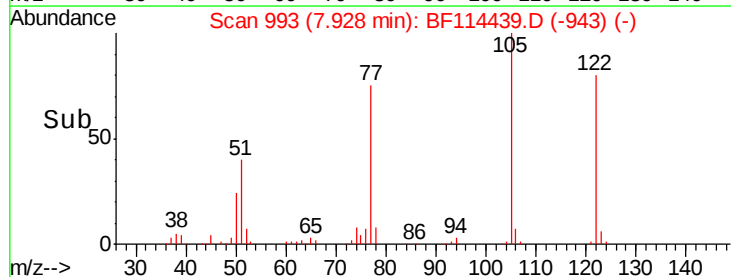
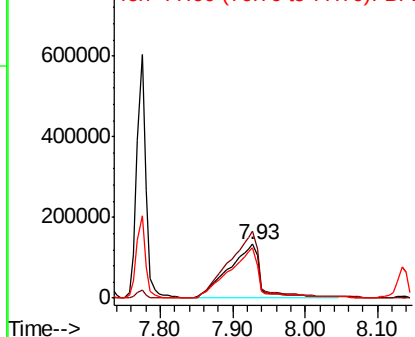


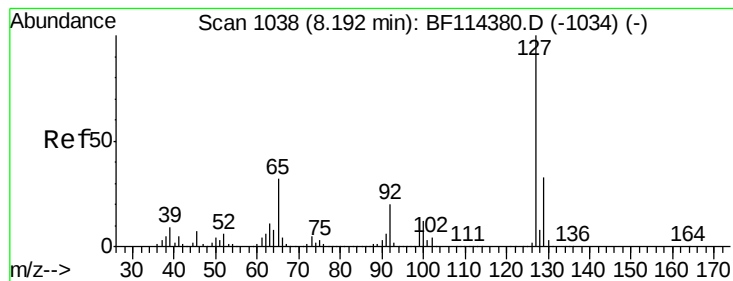
#32
Benzoic acid
Concen: 42.177 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:122 Resp: 395079
Ion Ratio Lower Upper
122 100
105 124.8 99.9 139.9
77 94.6 69.4 109.4



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





#33

4-Chloroaniline

Concen: 40.740 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 843753

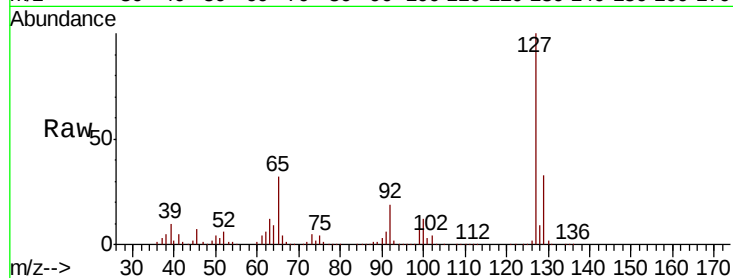
Ion Ratio Lower Upper

127 100

129 32.5 26.7 40.1

65 32.2 25.4 38.0

92 18.8 15.4 23.2

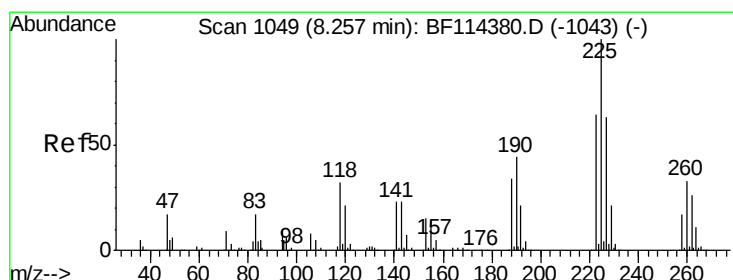
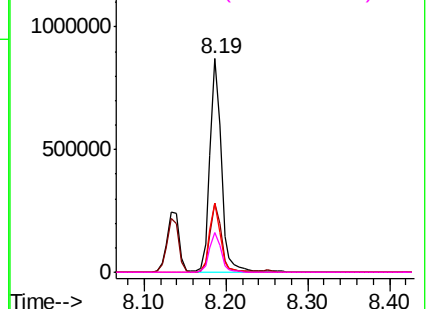
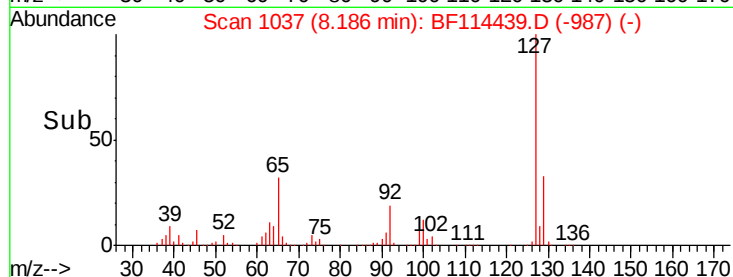


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.127 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

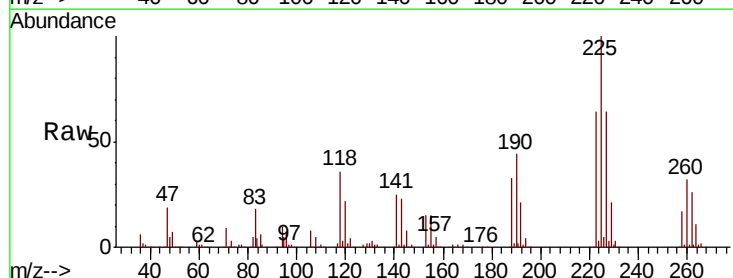
Tgt Ion:225 Resp: 347853

Ion Ratio Lower Upper

225 100

223 63.9 50.2 75.2

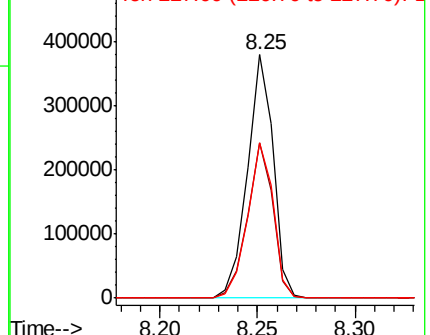
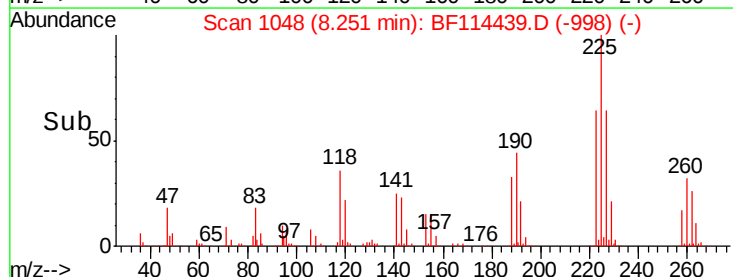
227 63.8 52.6 79.0

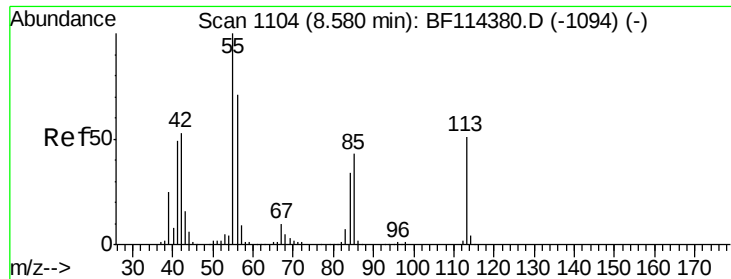


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

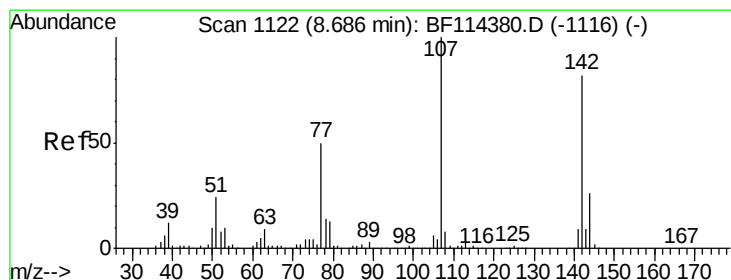
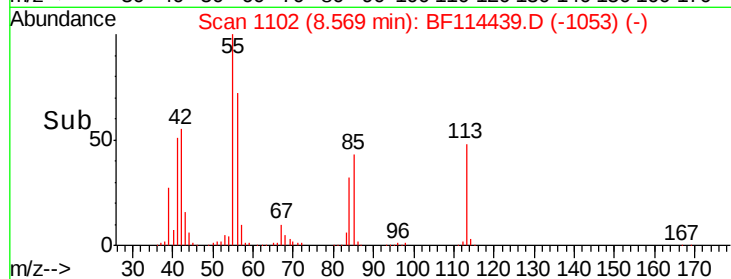
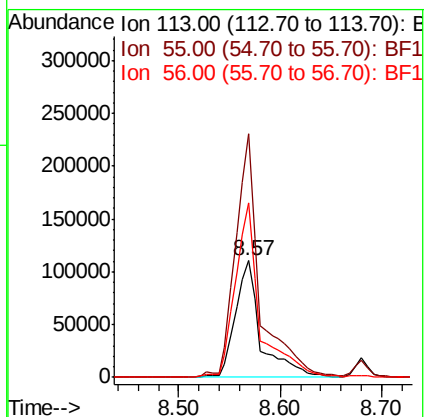
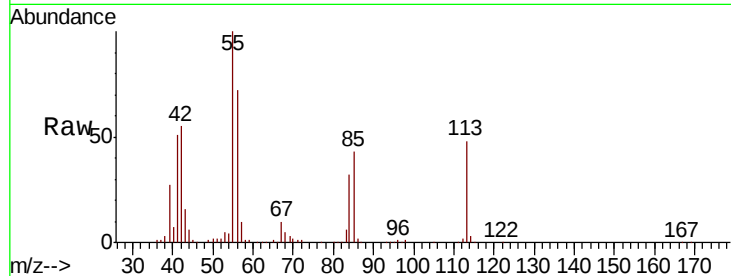




#35
Caprolactam
Concen: 44.312 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

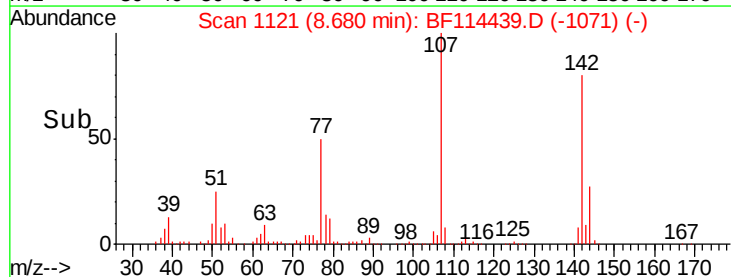
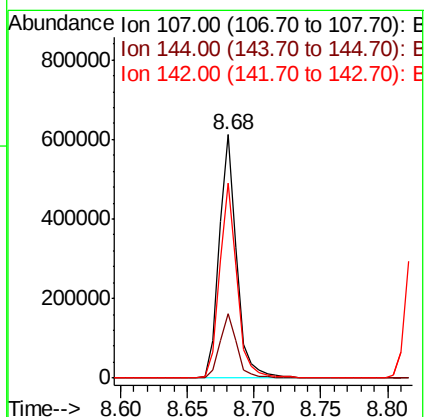
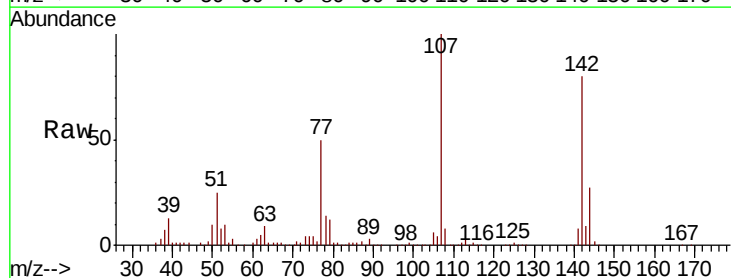
Instrument :
BNA_F
ClientSampled :

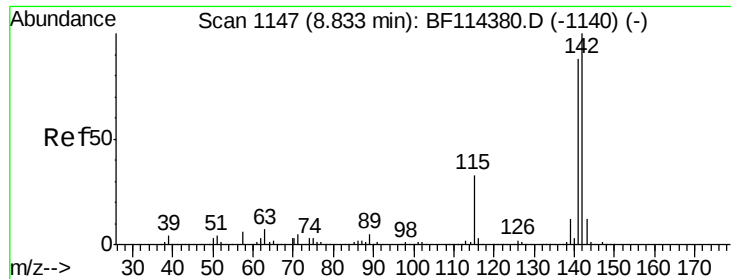
Tot Ion:113 Resp: 193594
Ion Ratio Lower Upper
113 100
55 208.7 183.5 223.5
56 149.8 128.8 168.8



#36
4-Chloro-3-methylphenol
Concen: 42.095 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:107 Resp: 567717
Ion Ratio Lower Upper
107 100
144 26.5 20.4 30.6
142 80.2 64.2 96.4

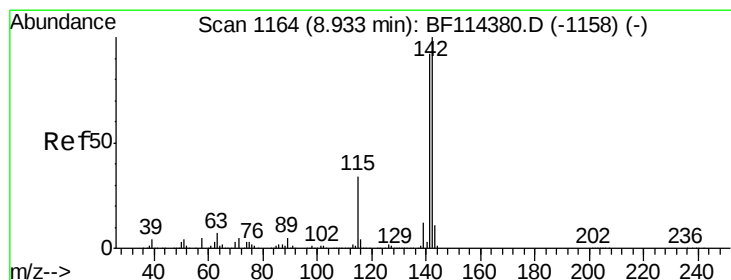
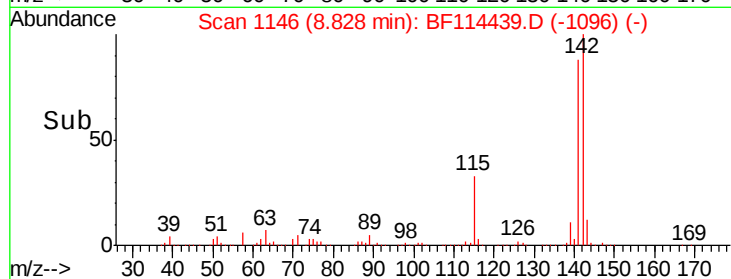
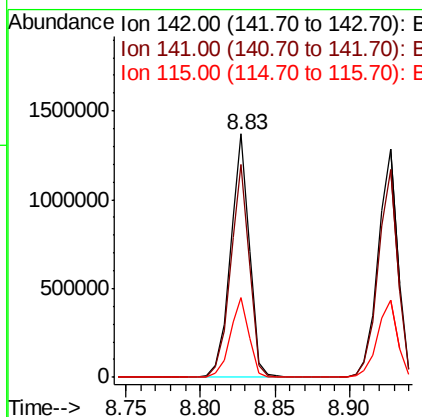
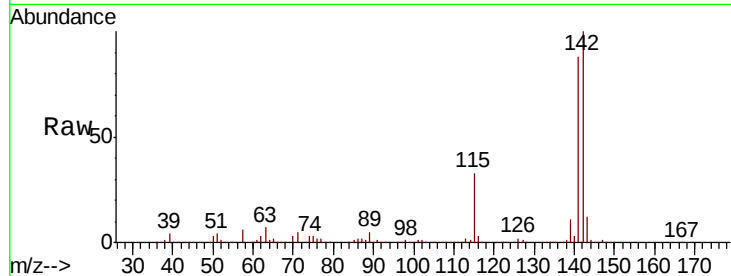




#37
 2-Methylnaphthalene
 Concen: 41.655 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

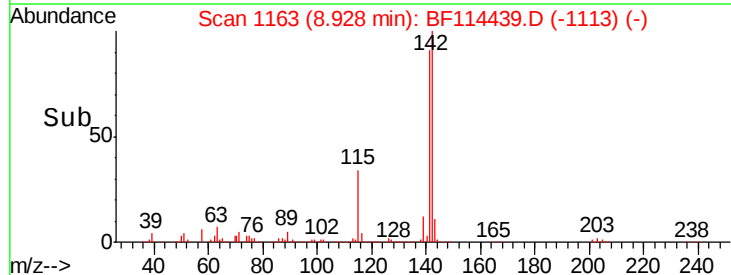
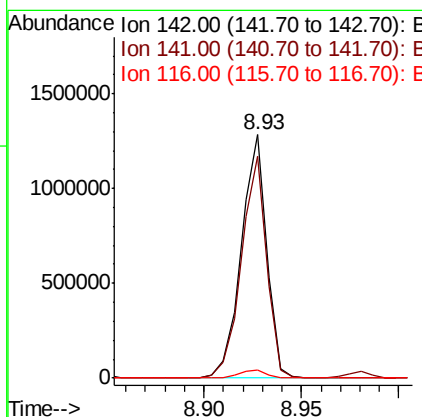
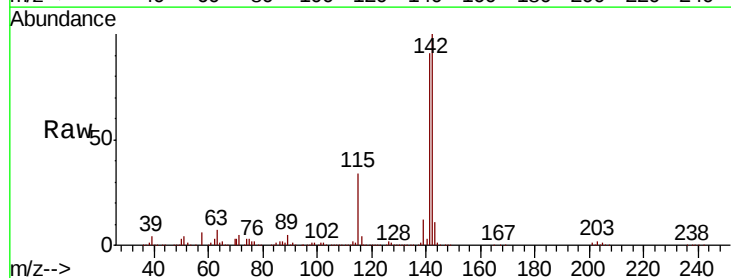
Instrument :
 BNA_F
 ClientSampleId :

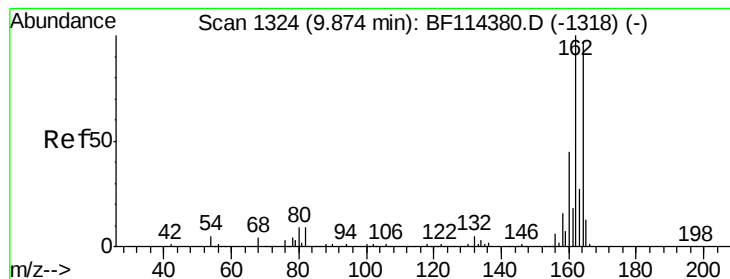
Tot Ion:142 Resp: 1221473
 Ion Ratio Lower Upper
 142 100
 141 87.7 72.1 108.1
 115 33.0 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 41.594 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion:142 Resp: 1148598
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.4 110.0
 116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

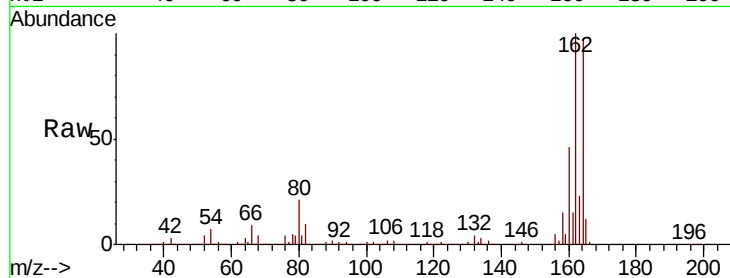
Tot Ion:164 Resp: 461992

Ion Ratio Lower Upper

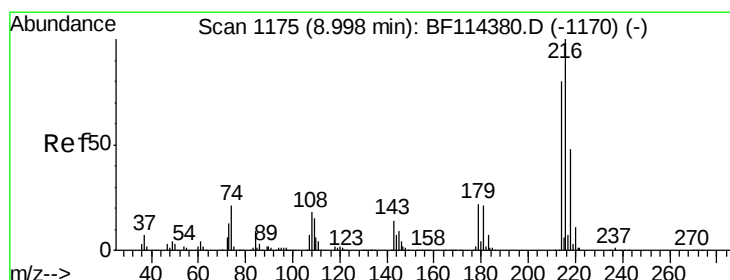
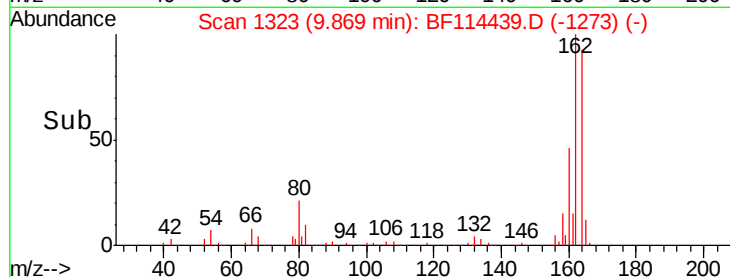
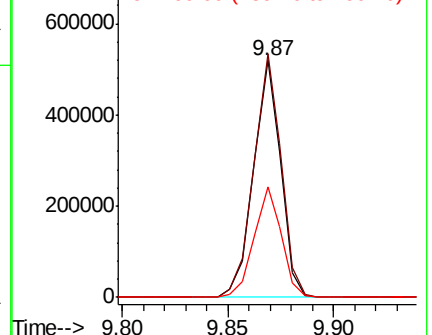
164 100

162 102.7 80.6 120.8

160 46.9 36.5 54.7



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.098 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Tgt Ion:216 Resp: 561165

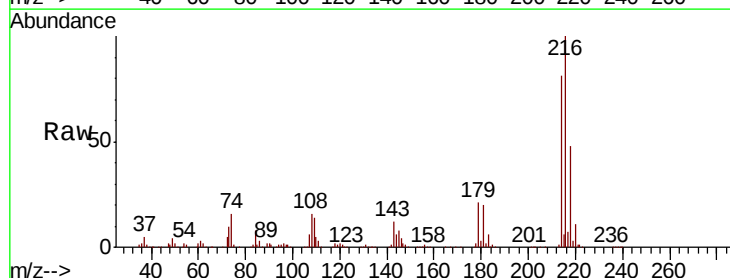
Ion Ratio Lower Upper

216 100

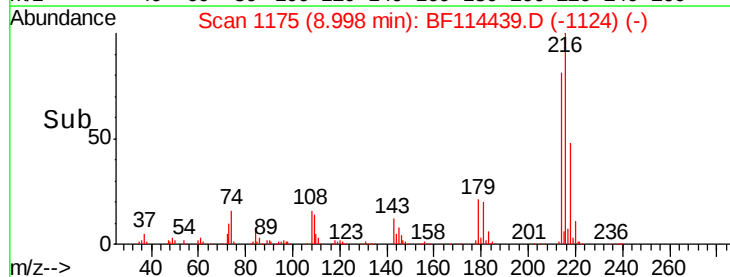
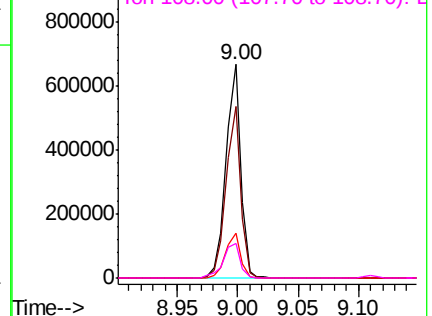
214 79.8 63.9 95.9

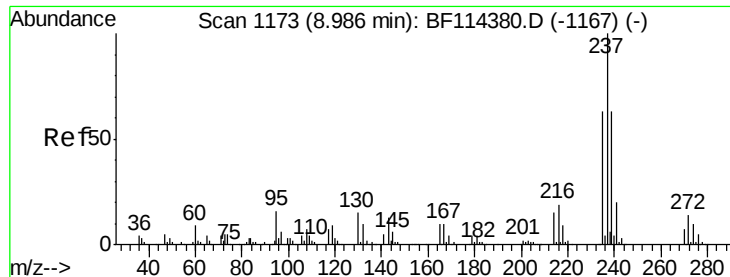
179 20.9 17.0 25.6

108 18.6 14.8 22.2



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





#41

Hexachlorocyclopentadiene

Concen: 35.497 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

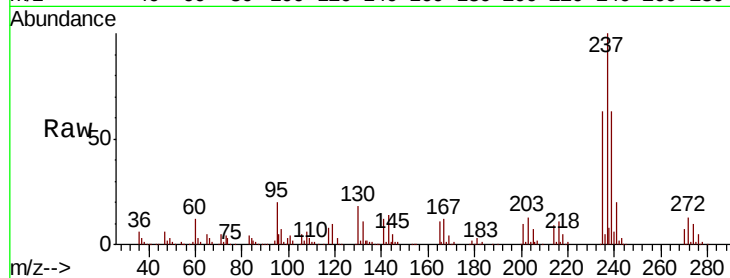
Tot Ion:237 Resp: 214858

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

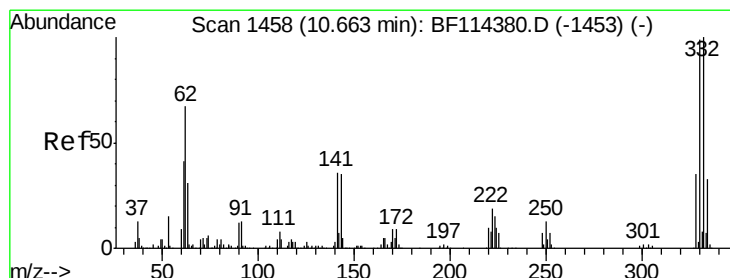
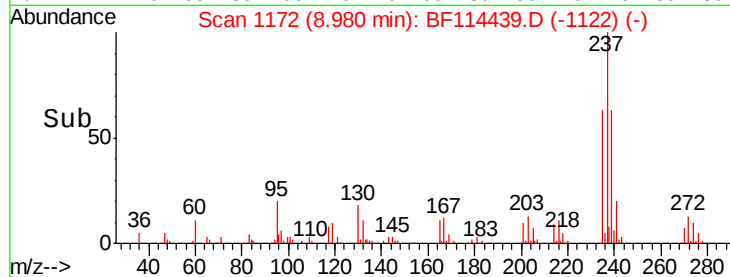
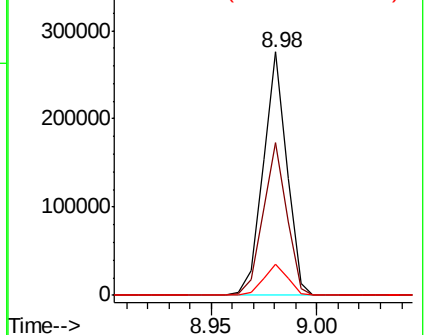
272 12.7 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 76.195 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

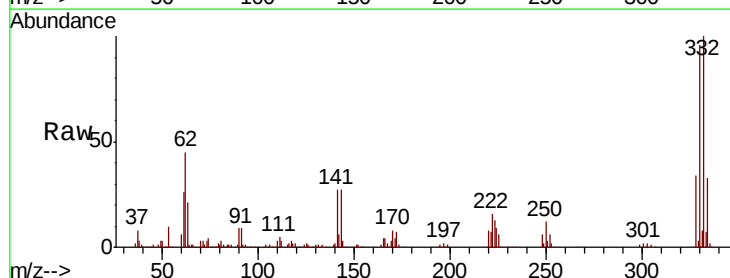
Tgt Ion:330 Resp: 363924

Ion Ratio Lower Upper

330 100

332 101.5 81.4 122.2

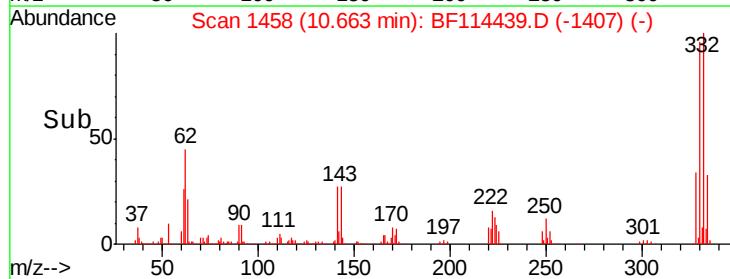
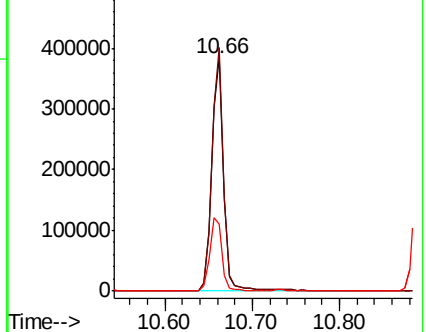
141 32.7 26.6 40.0

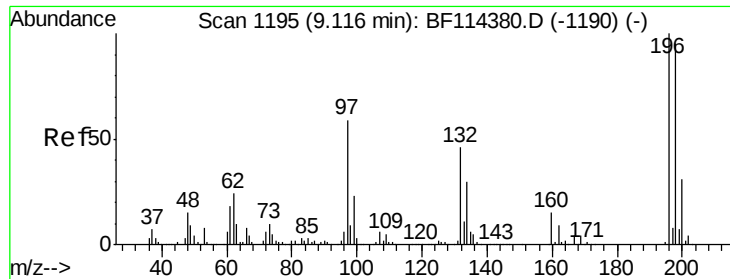


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

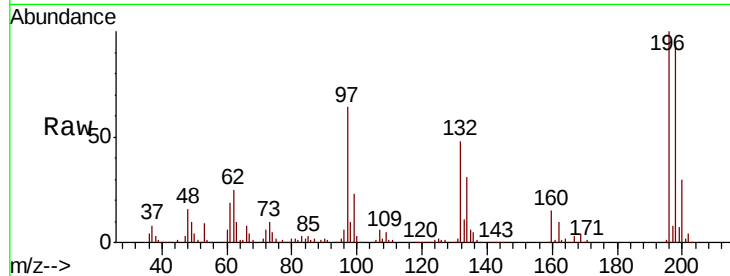




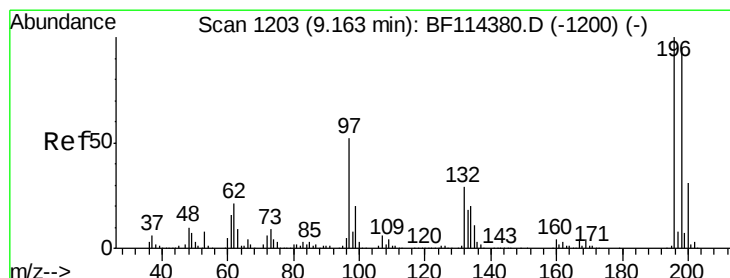
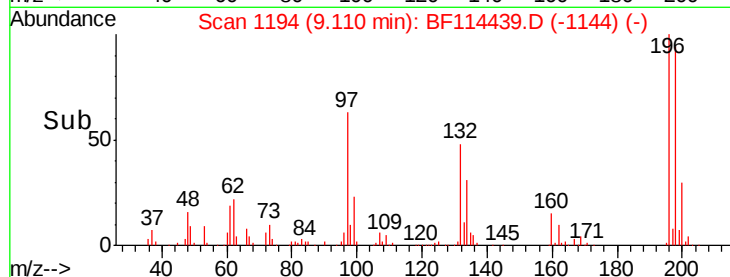
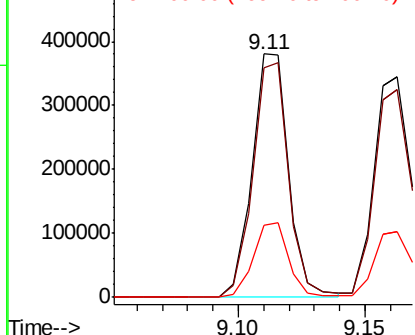
#43
 2,4,6-Trichlorophenol
 Concen: 39.690 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 382060
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.9 113.9
 200 29.7 23.5 35.3

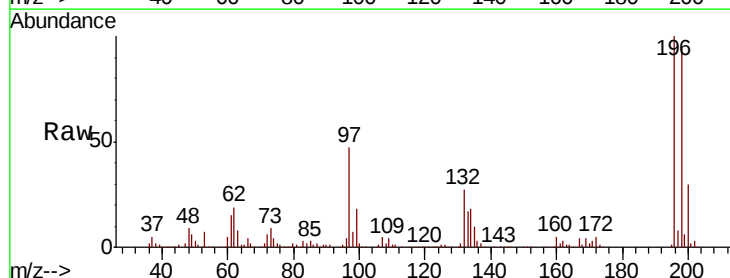


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

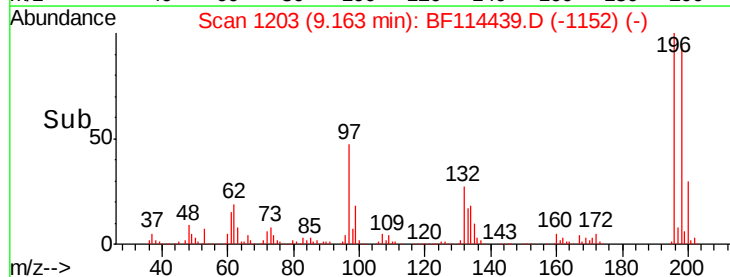
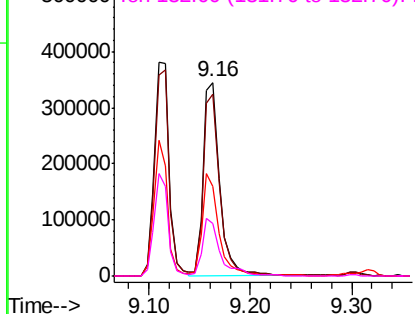


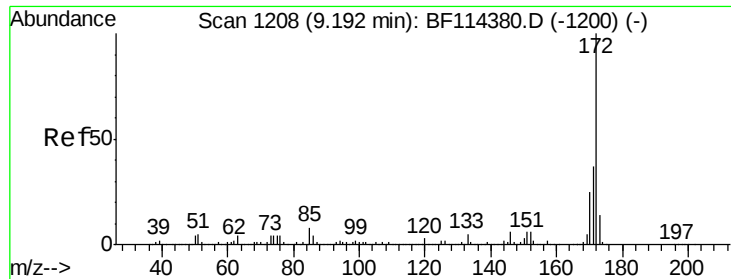
#44
 2,4,5-Trichlorophenol
 Concen: 39.643 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion:196 Resp: 391350
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.7 116.5
 97 46.6 38.2 57.2
 132 27.4 21.4 32.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



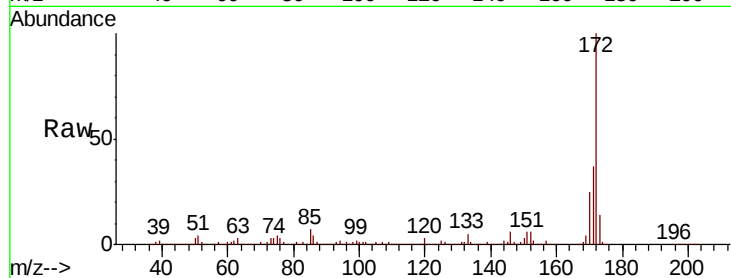


#45
 2-Fluorobiphenyl
 Concen: 75.456 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

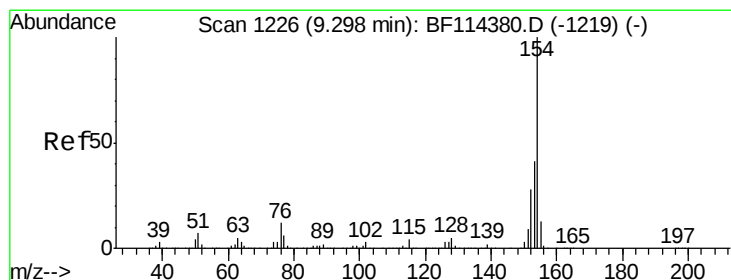
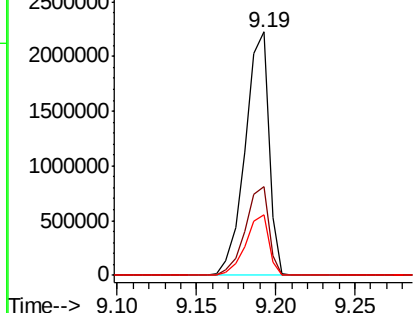
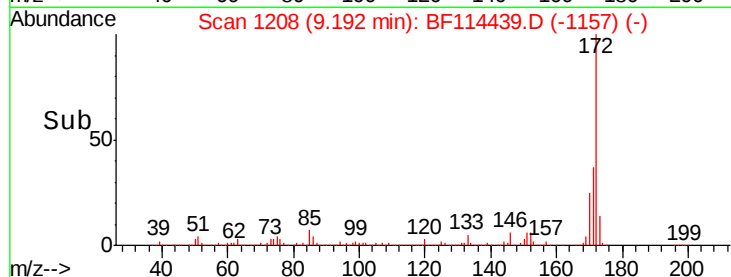
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2304537

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.7	20.5	30.7



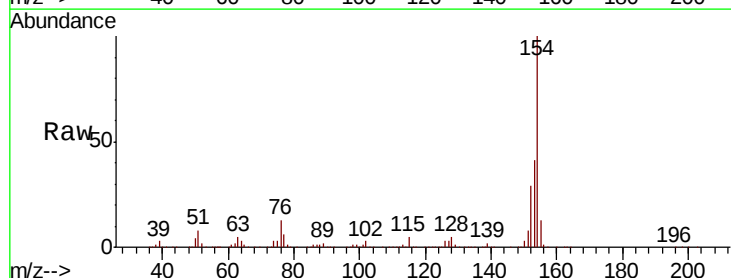
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



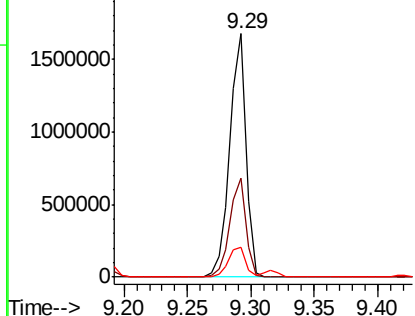
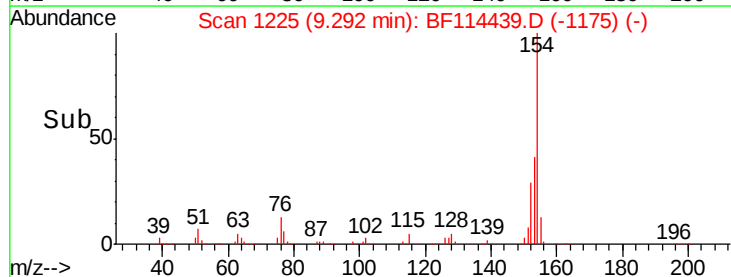
#46
 1,1'-Biphenyl
 Concen: 39.751 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

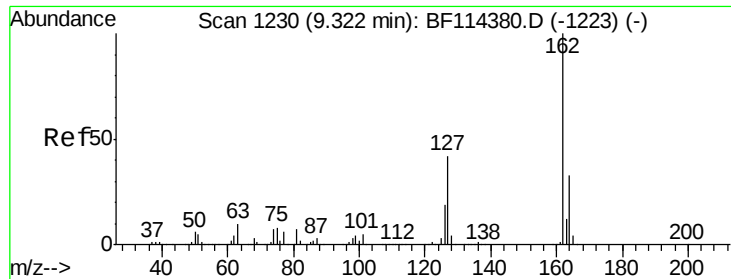
Tgt Ion:154 Resp: 1483609

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.9	61.9
76	12.5	0.0	32.8



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

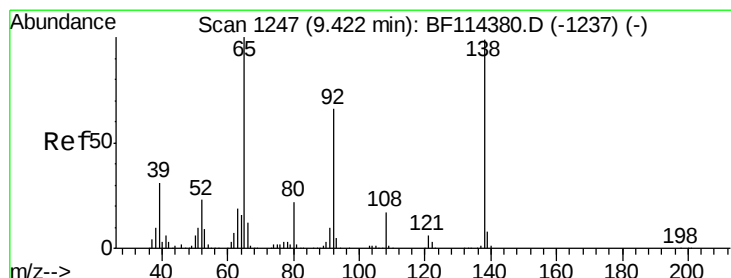
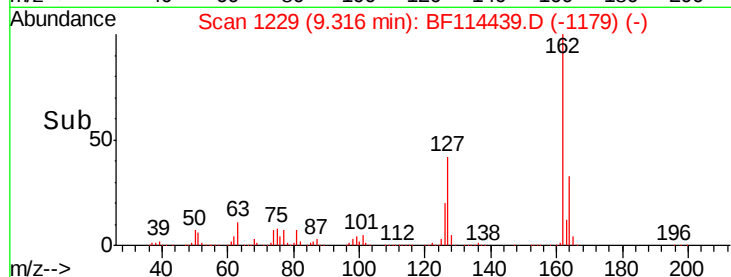
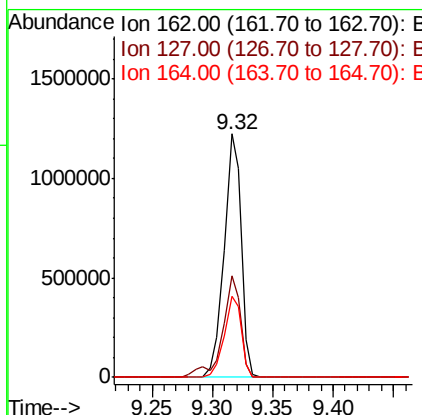
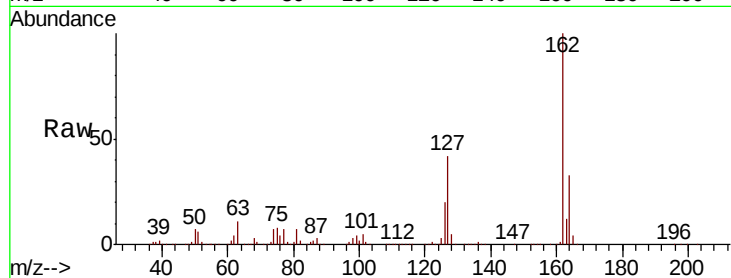




#47
 2-Chloronaphthalene
 Concen: 39.718 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

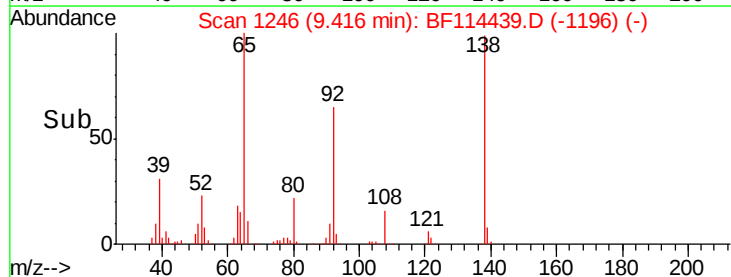
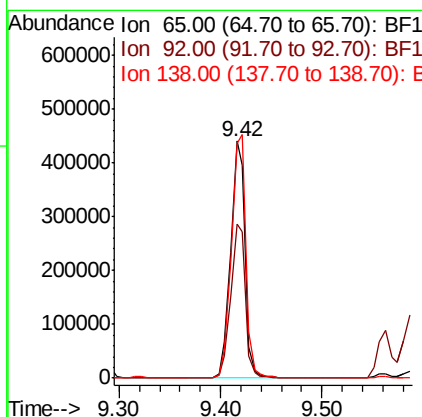
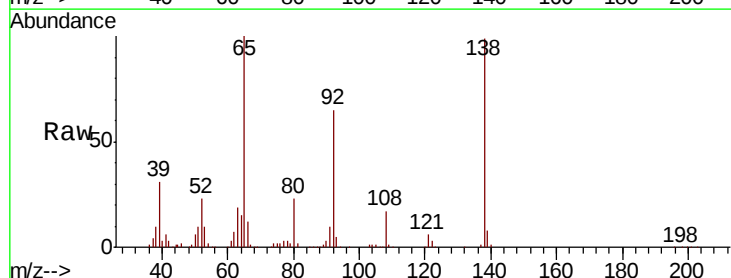
Instrument :
 BNA_F
 ClientSampleId :

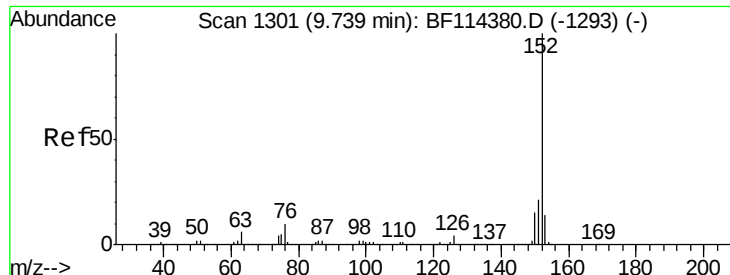
Tot Ion:162 Resp: 1193014
 Ion Ratio Lower Upper
 162 100
 127 41.6 34.0 51.0
 164 33.1 26.7 40.1



#48
 2-Nitroaniline
 Concen: 40.998 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion: 65 Resp: 436733
 Ion Ratio Lower Upper
 65 100
 92 65.3 53.9 80.9
 138 99.2 81.4 122.0





#49

Acenaphthylene

Concen: 39.209 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampled :

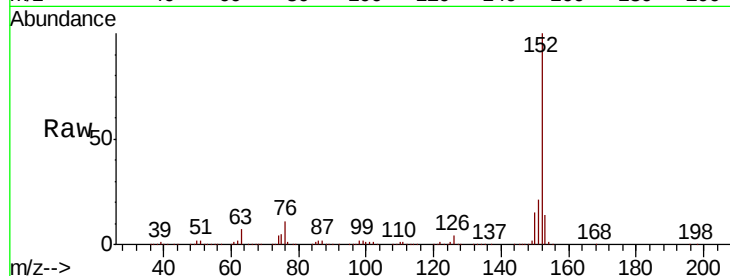
Tot Ion:152 Resp: 1791239

Ion Ratio Lower Upper

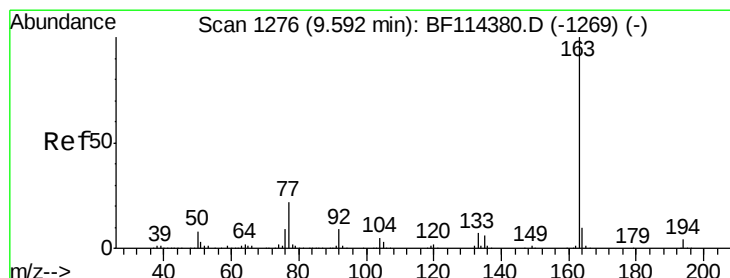
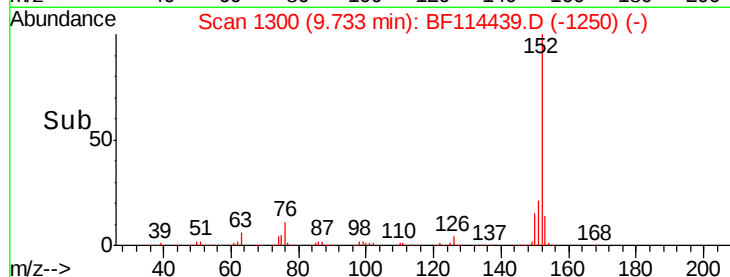
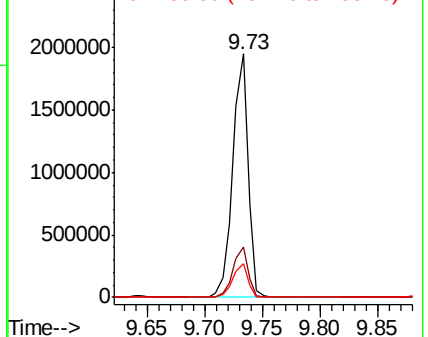
152 100

151 20.8 16.8 25.2

153 14.0 11.4 17.2



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



#50

Dimethylphthalate

Concen: 40.598 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

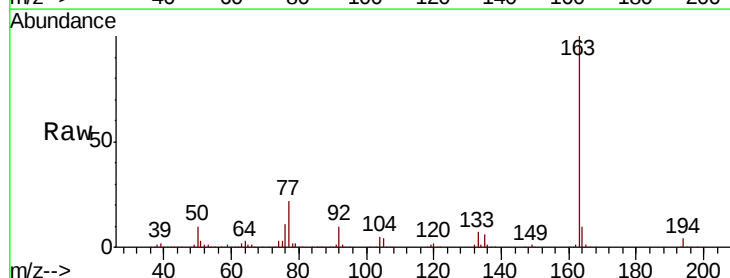
Tgt Ion:163 Resp: 1376877

Ion Ratio Lower Upper

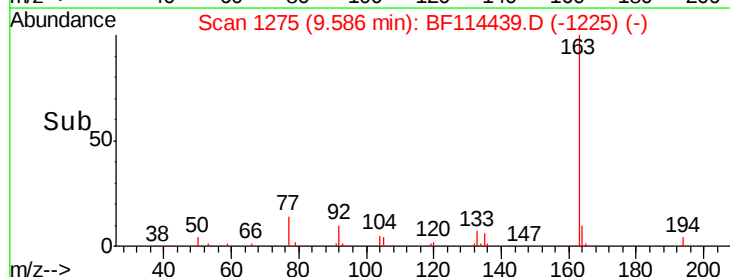
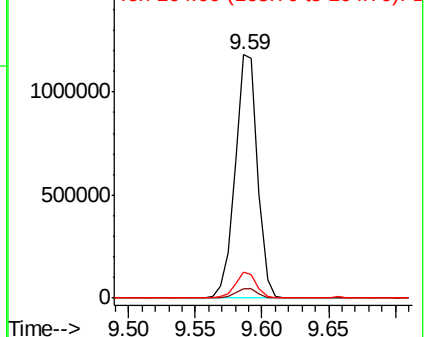
163 100

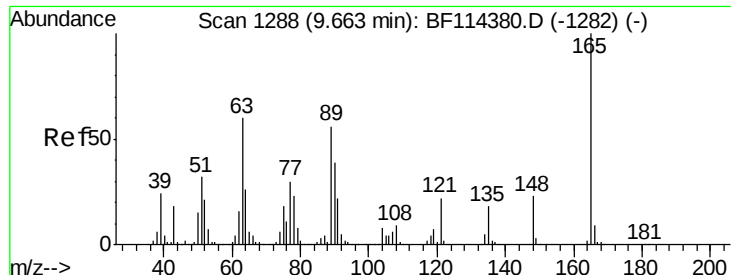
194 3.9 3.4 5.0

164 10.4 8.2 12.2



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

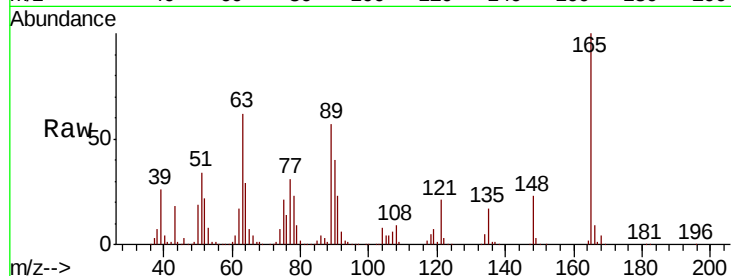




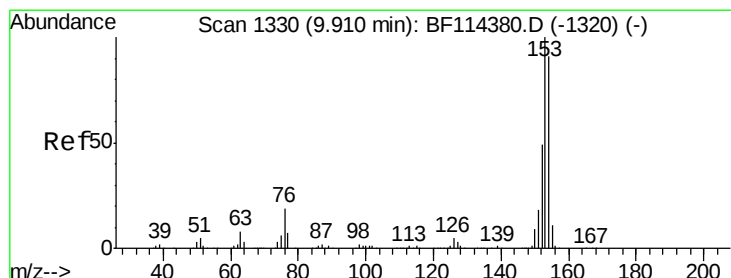
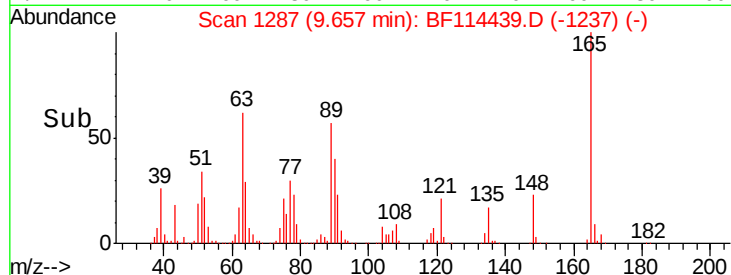
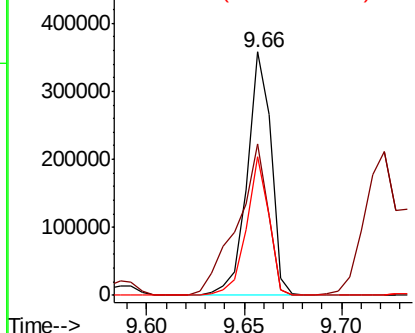
#51
2,6-Dinitrotoluene
Concen: 40.314 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 303248
Ion Ratio Lower Upper
165 100
63 62.5 50.2 75.4
89 57.1 46.6 69.8

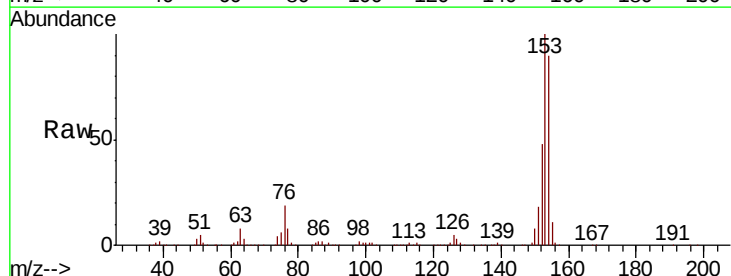


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

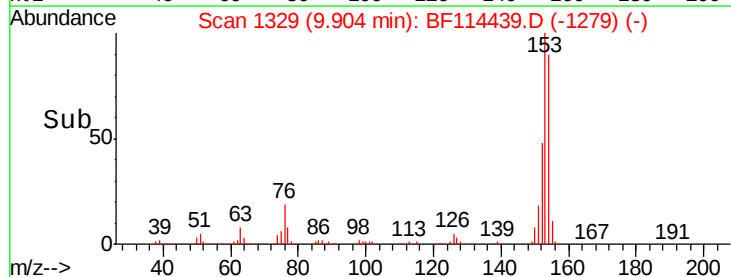
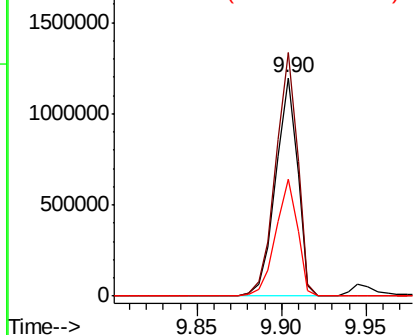


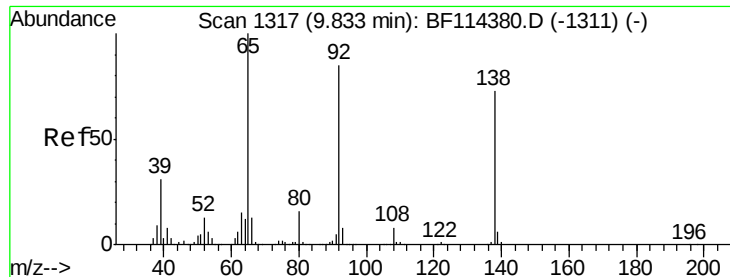
#52
Acenaphthene
Concen: 38.482 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:154 Resp: 1078807
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 53.4 43.4 65.2



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

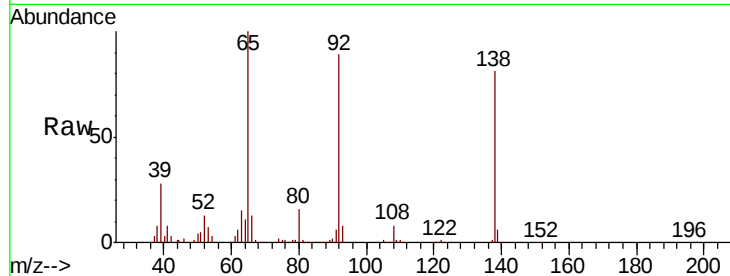




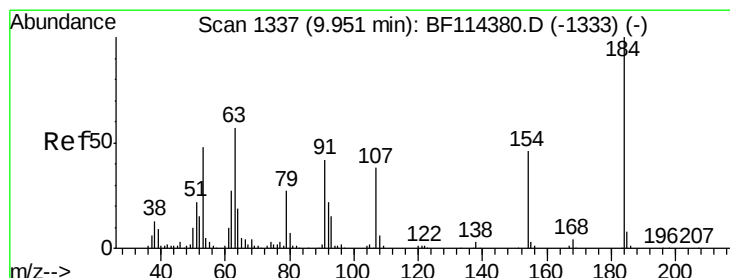
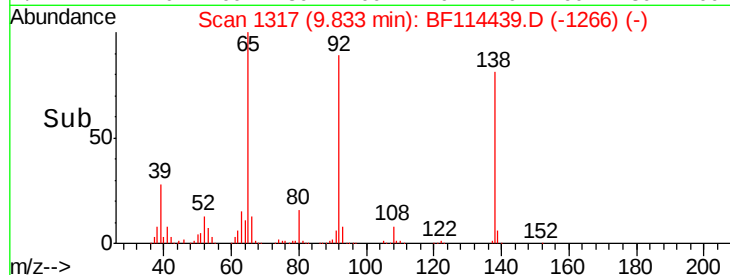
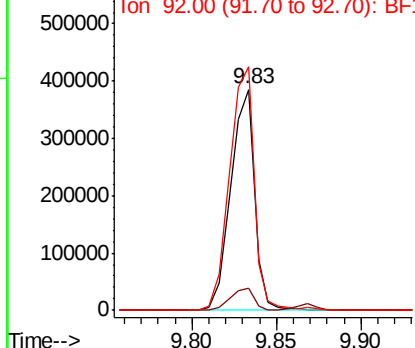
#53
3-Nitroaniline
Concen: 40.351 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 376780
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.6
92 110.1 91.2 136.8

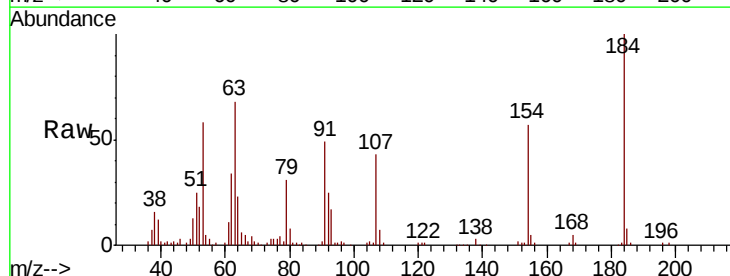


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

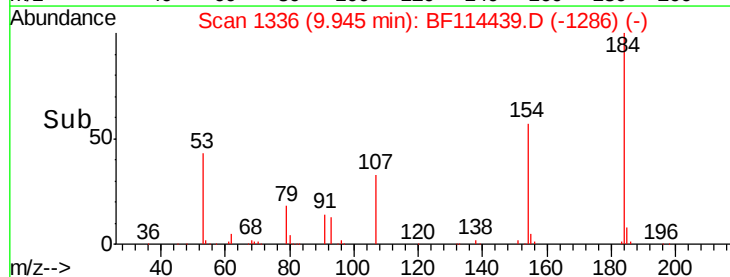
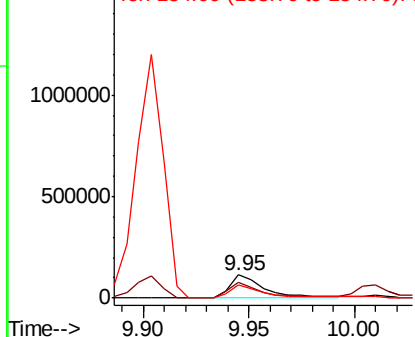


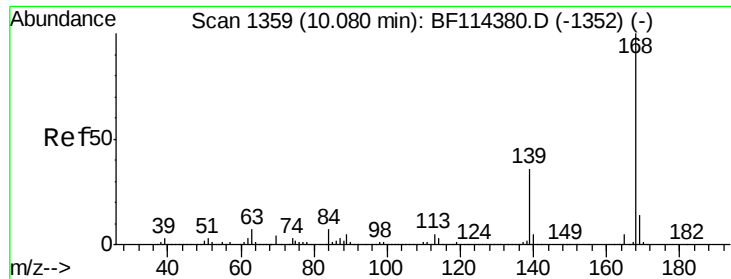
#54
2,4-Dinitrophenol
Concen: 37.834 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:184 Resp: 128417
Ion Ratio Lower Upper
184 100
63 67.9 55.6 83.4
154 56.6 46.0 69.0



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





#55

Dibenzenofuran

Concen: 37.276 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

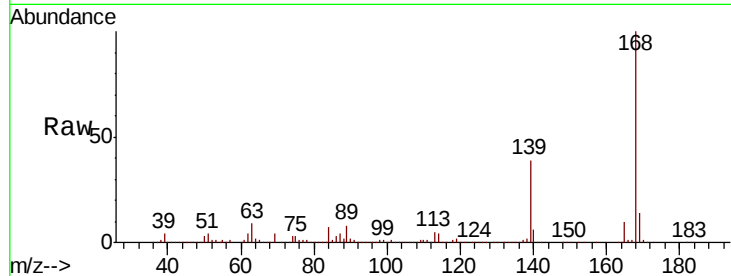
Tot Ion:168 Resp: 1532337

Ion Ratio Lower Upper

168 100

139 38.7 31.1 46.7

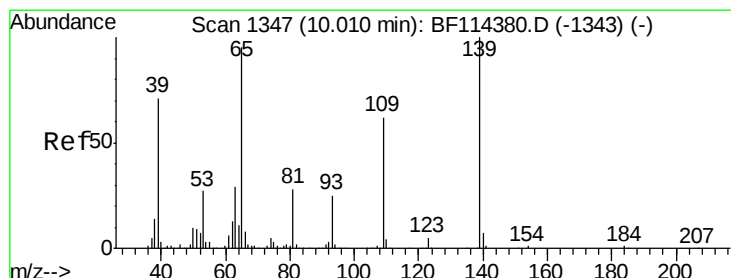
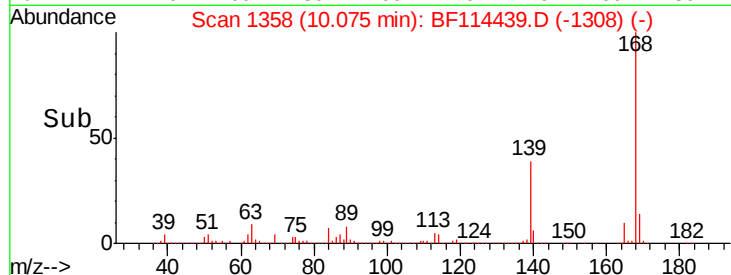
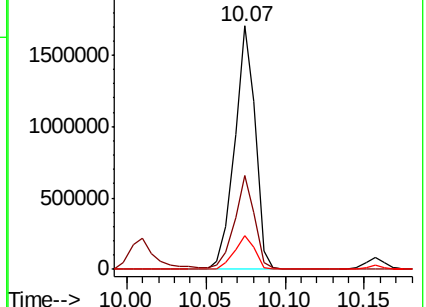
169 14.1 11.4 17.0



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: 37.542 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

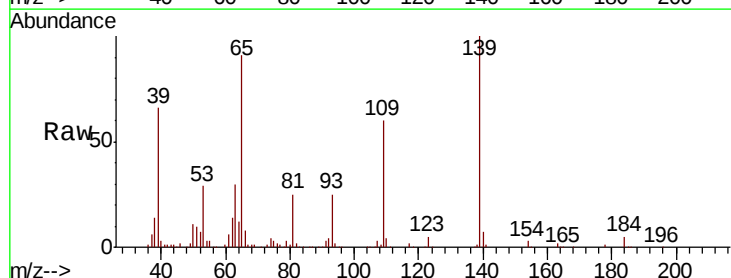
Tgt Ion:139 Resp: 247909

Ion Ratio Lower Upper

139 100

109 60.4 43.9 83.9

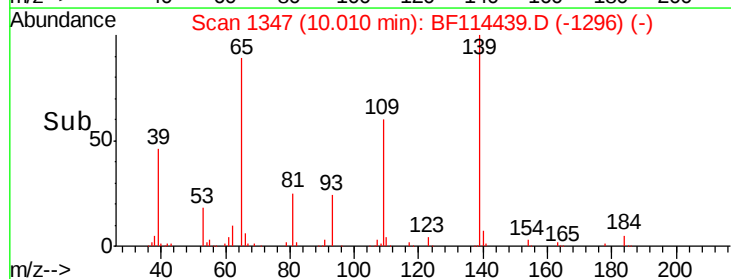
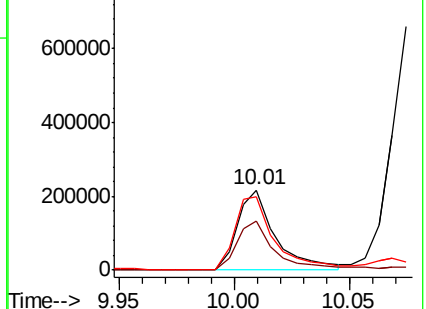
65 91.3 85.7 125.7

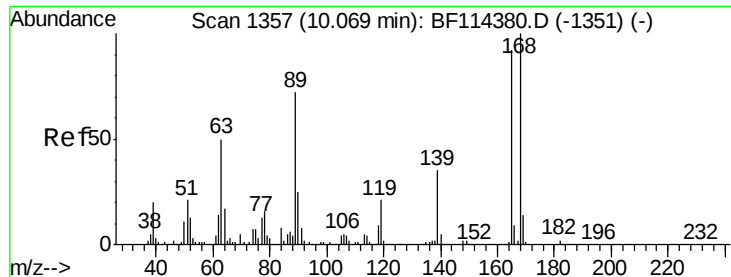


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 36.841 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 376140

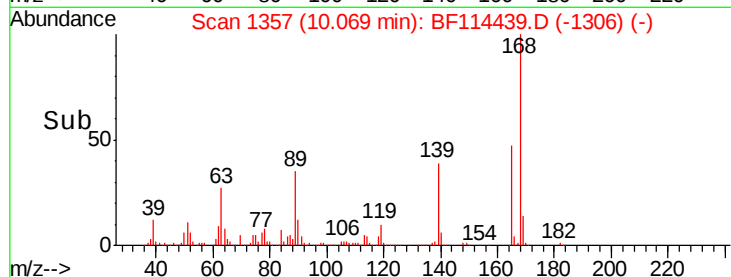
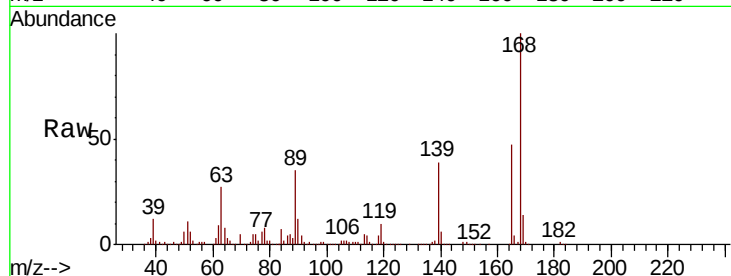
Ion Ratio Lower Upper

165 100

63 57.5 35.5 53.3#

89 75.5 55.2 82.8

182 2.6 2.2 3.2

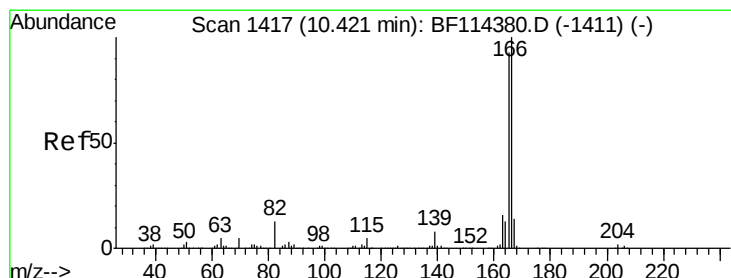
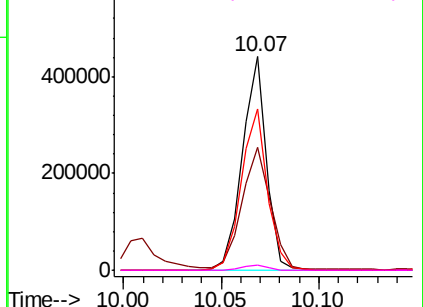


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.696 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

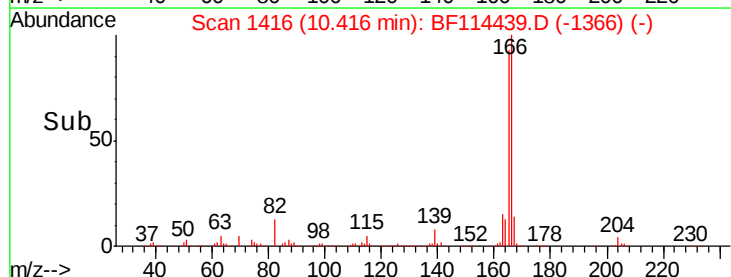
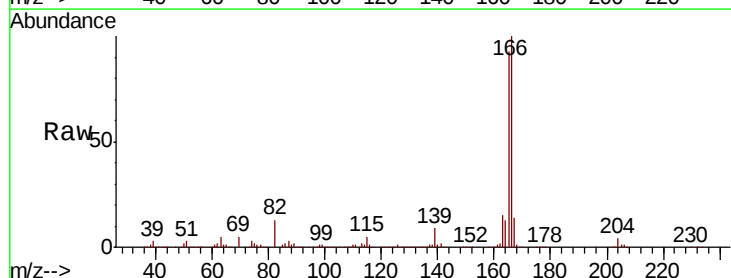
Tgt Ion:166 Resp: 1260418

Ion Ratio Lower Upper

166 100

165 92.6 76.1 114.1

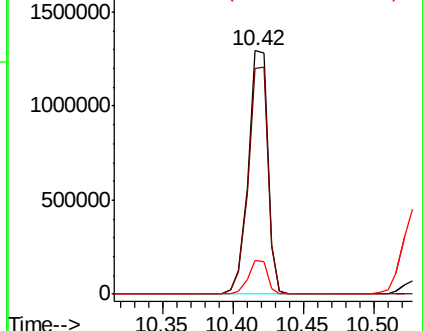
167 13.7 11.1 16.7

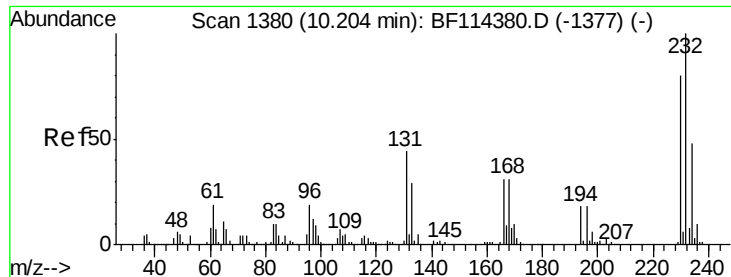


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

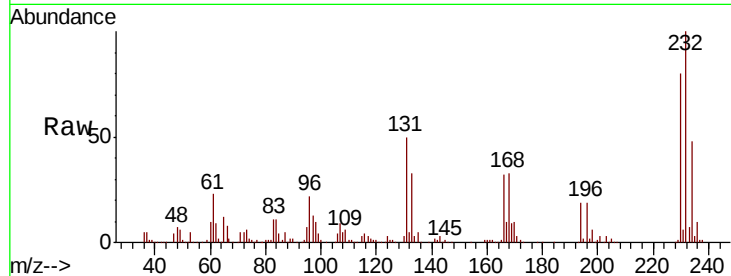




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.220 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	35.6	53.4
130	2.3	1.6	2.4
166	29.7	24.1	36.1



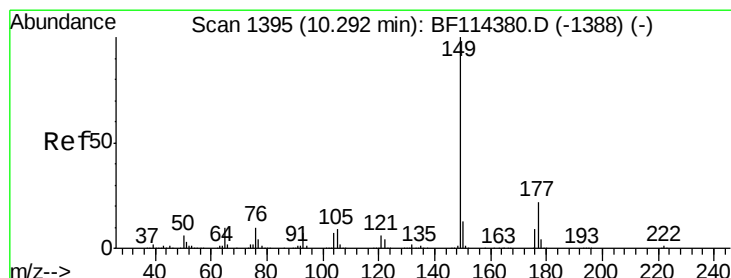
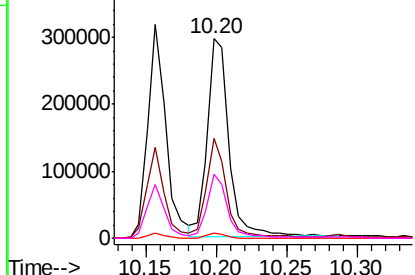
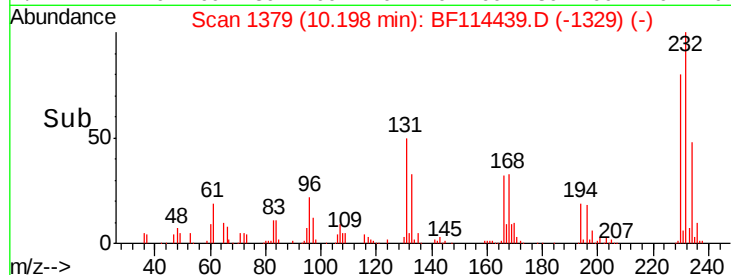
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

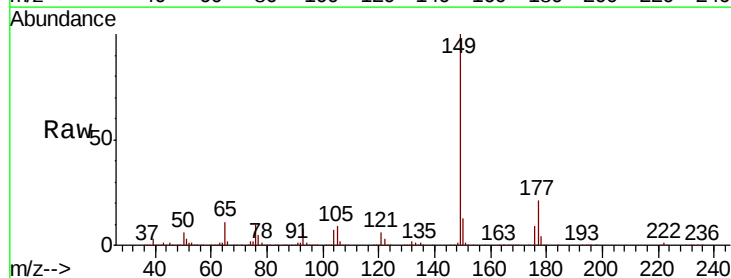
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.987 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.8	26.6
150	12.9	10.2	15.2

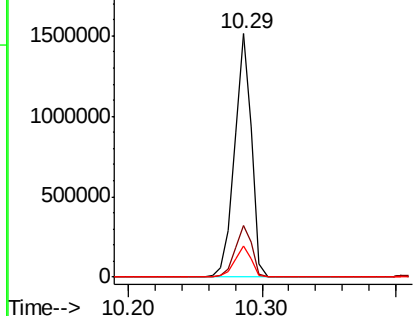
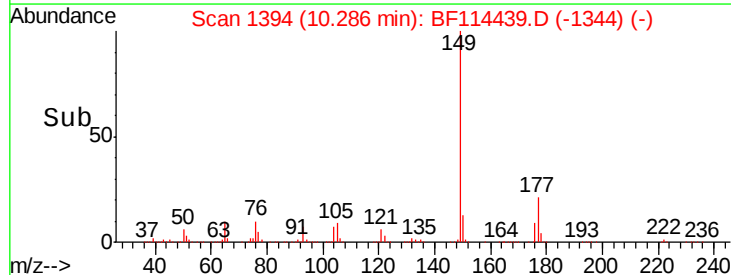


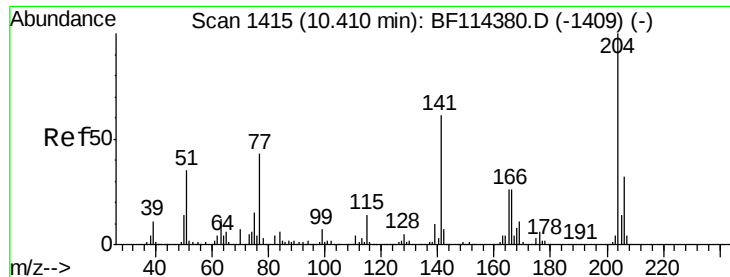
Abundance

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

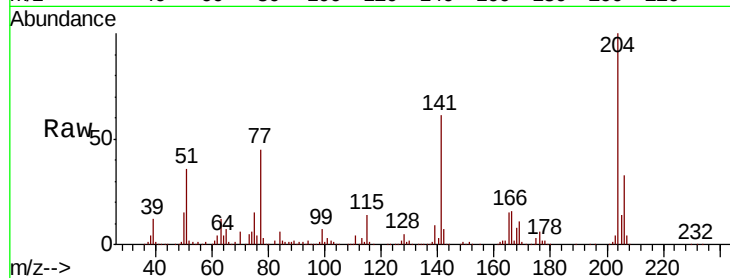




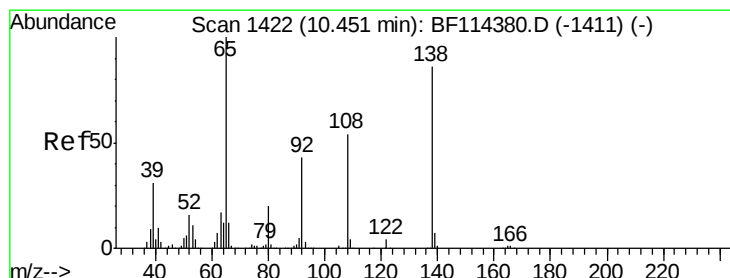
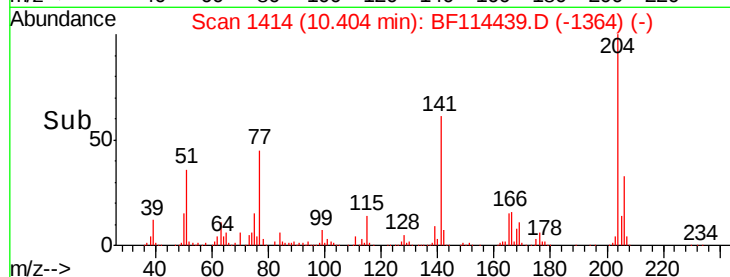
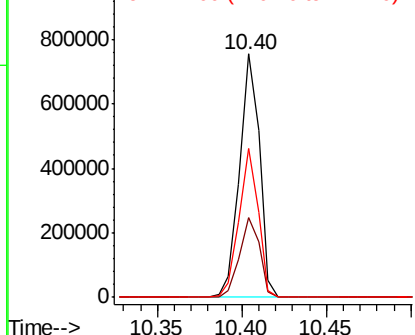
#61
4-Chlorophenyl-phenylether
Concen: 39.704 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 619187
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 61.0 46.4 69.6

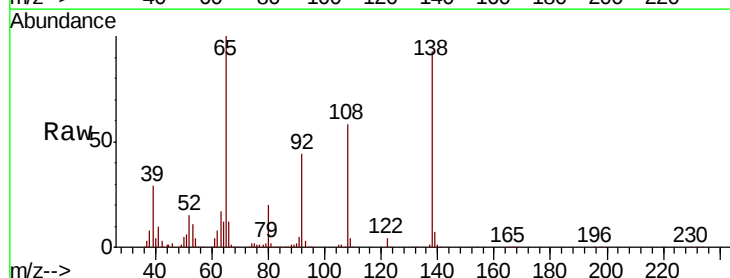


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

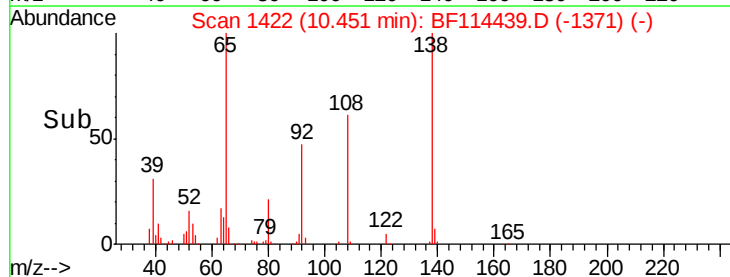
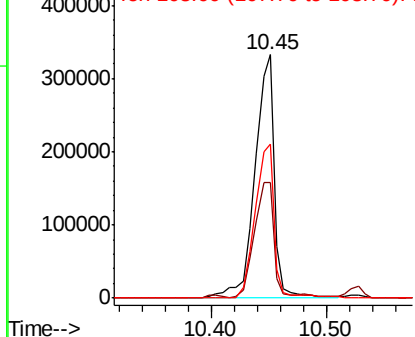


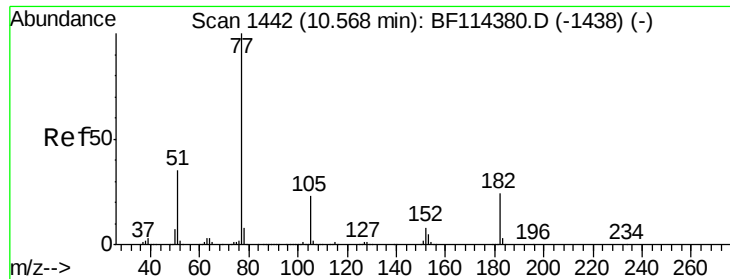
#62
4-Nitroaniline
Concen: 39.981 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:138 Resp: 392299
Ion Ratio Lower Upper
138 100
92 47.5 33.0 73.0
108 63.1 44.9 84.9



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





#63

Azobenzene

Concen: 38.962 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1299568

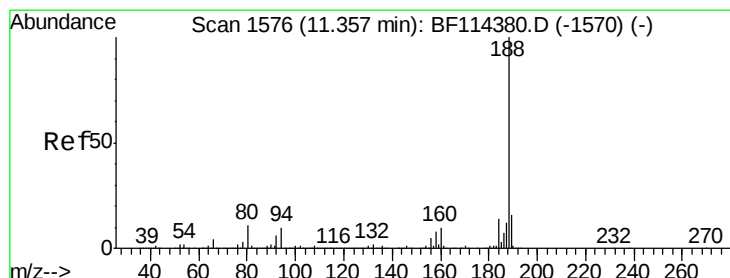
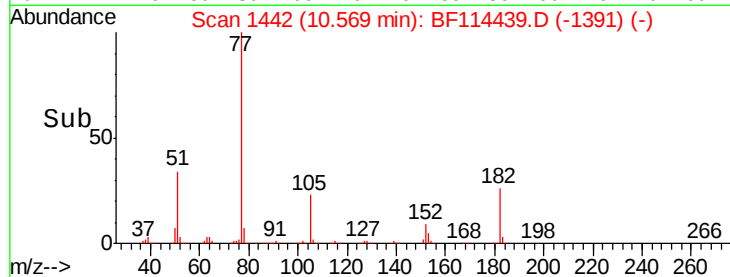
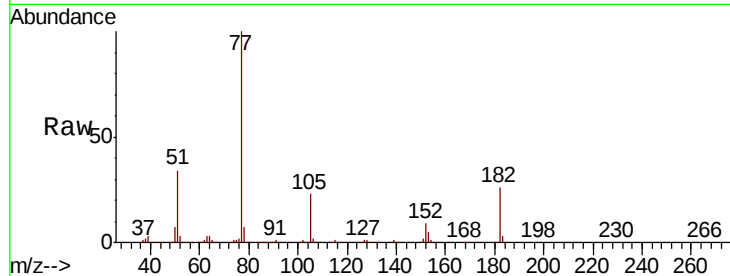
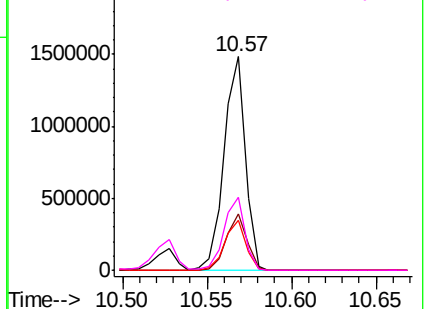
Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.7	44.7
105	23.3	2.9	42.9
51	34.4	14.6	54.6

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

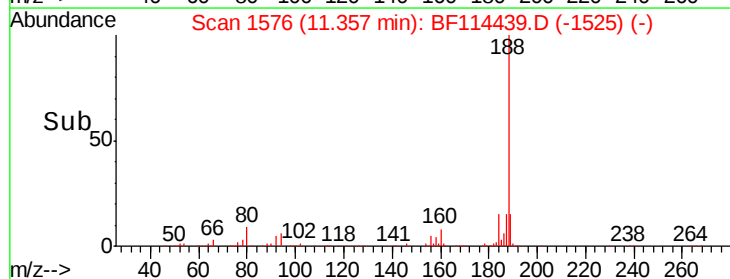
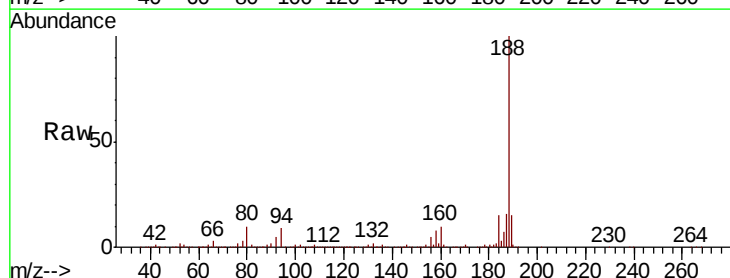
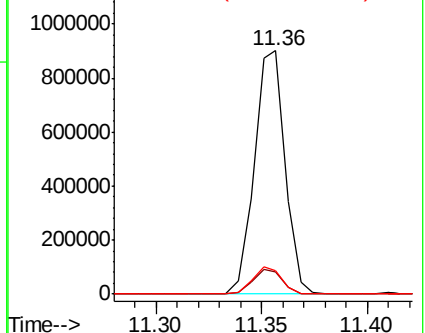
Tgt Ion: 188 Resp: 910205

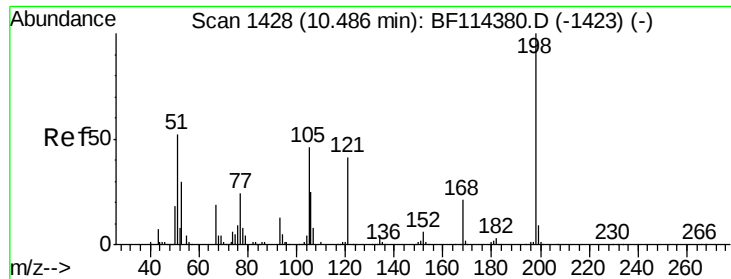
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.4	12.6
80	9.7	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

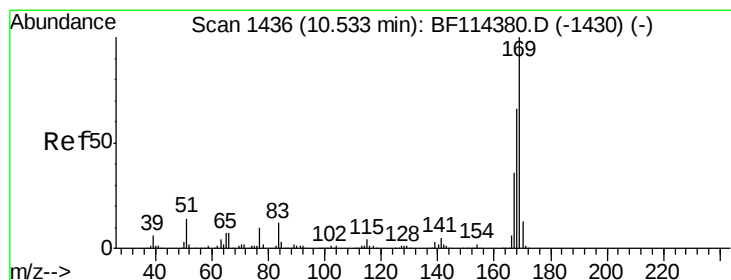
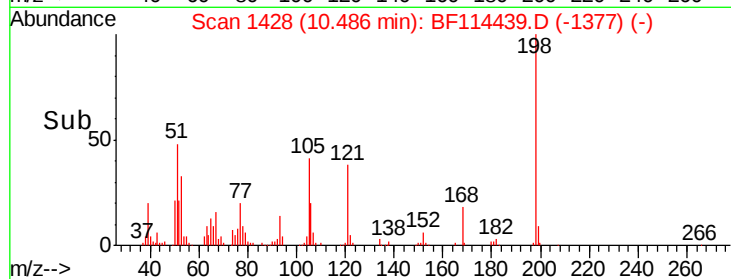
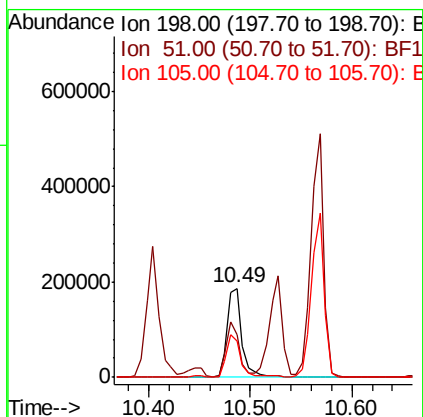
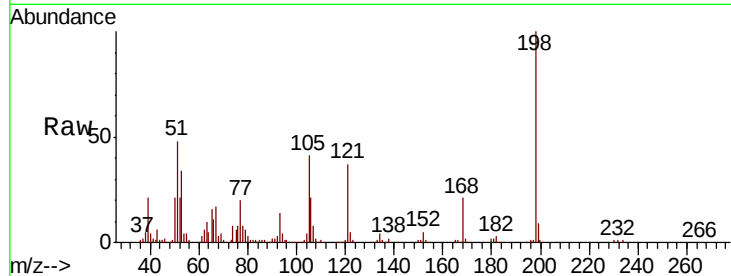




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.535 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

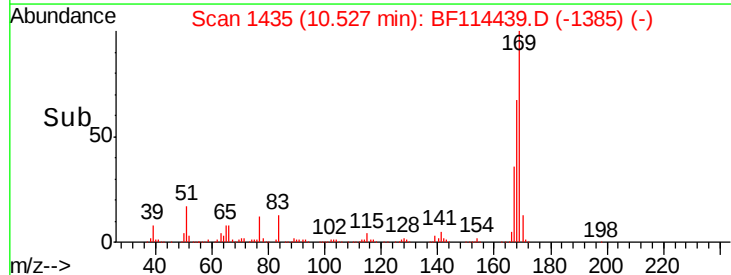
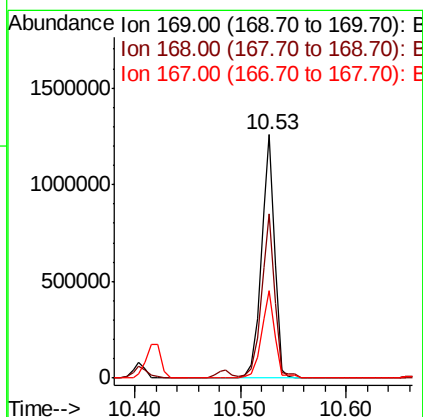
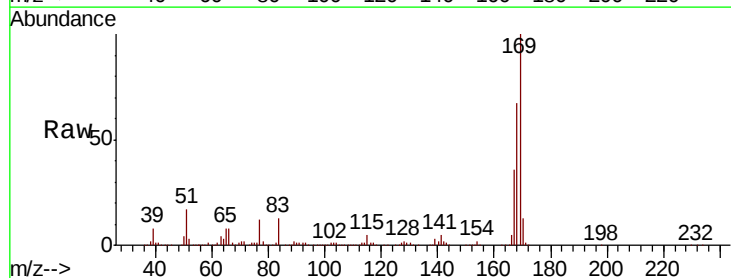
Instrument :
 BNA_F
 ClientSampleId :

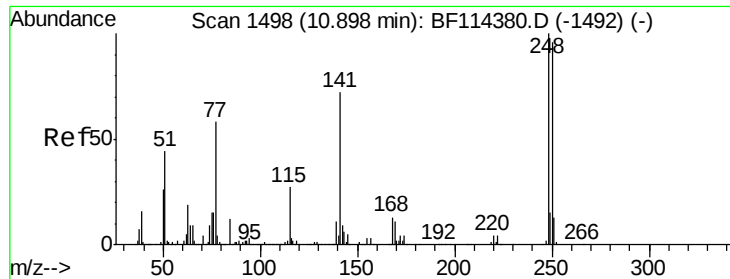
Tot Ion	Ratio	Lower	Upper
198	100		
51	47.7	28.0	68.0
105	40.8	21.1	61.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.508 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.2	81.2
167	36.0	29.8	44.8

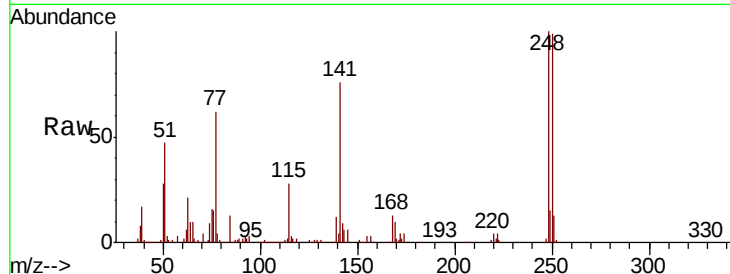




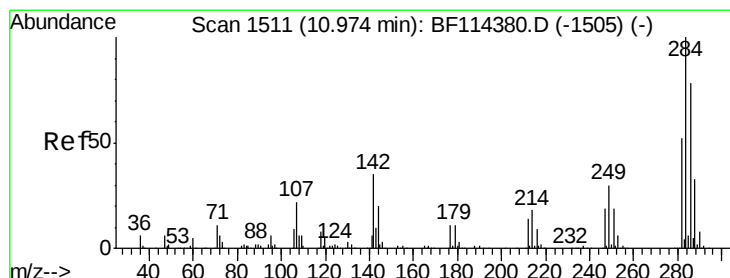
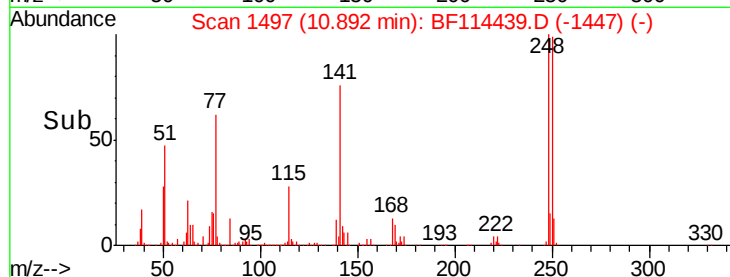
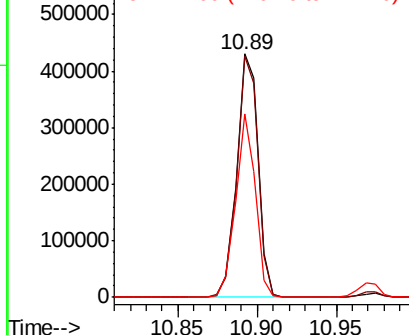
#67
4-Bromophenyl-phenylether
Concen: 40.105 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 401922
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 75.6 55.6 83.4

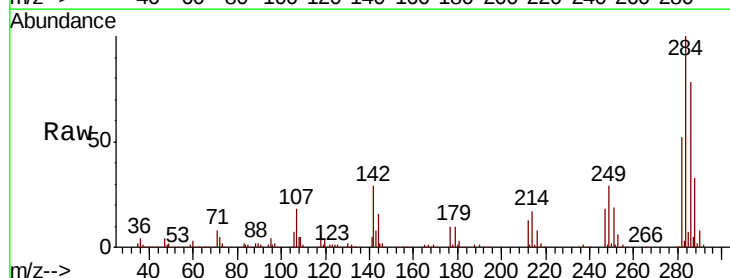


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

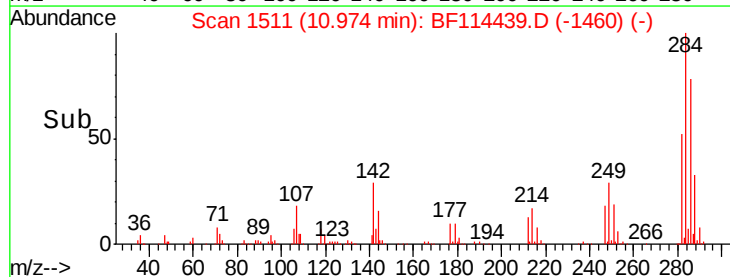
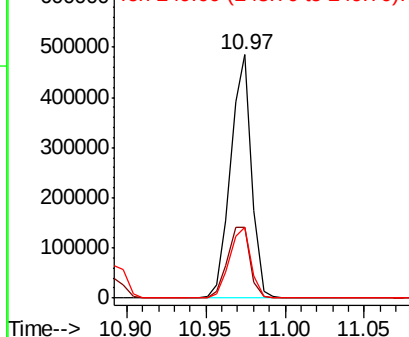


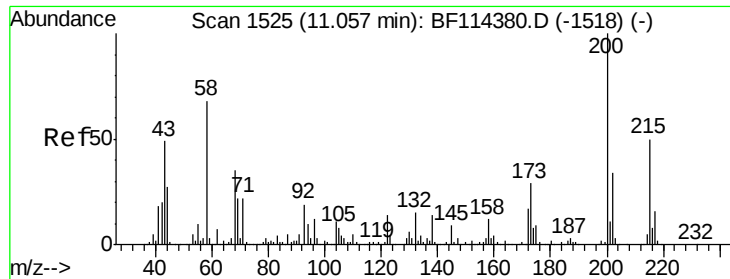
#68
Hexachlorobenzene
Concen: 40.013 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:284 Resp: 443619
Ion Ratio Lower Upper
284 100
142 29.2 28.4 42.6
249 29.1 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

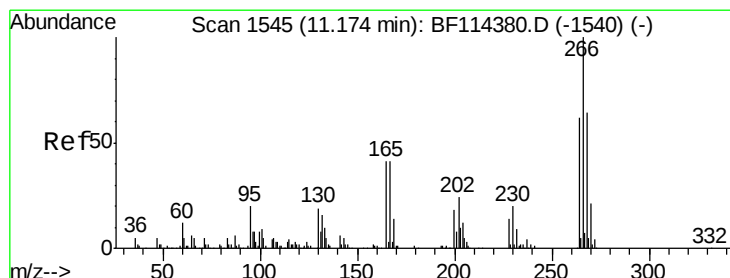
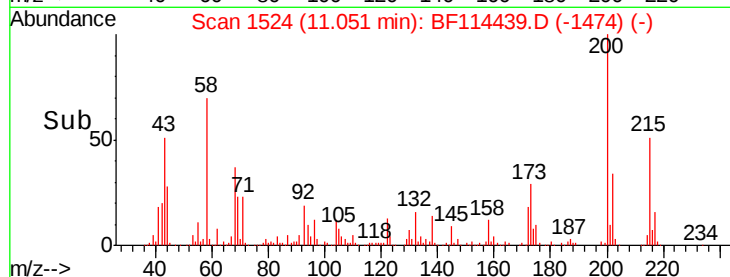
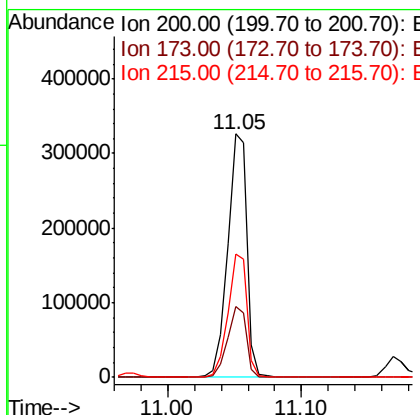
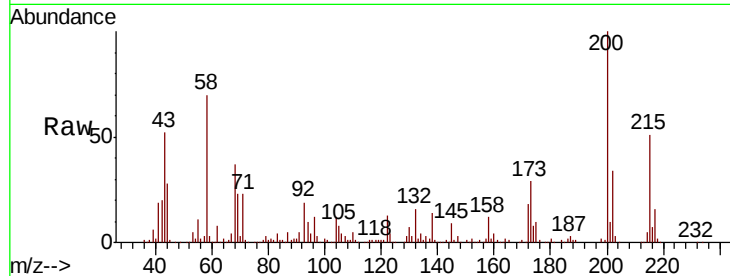




#69
 Atrazine
 Concen: 38.649 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

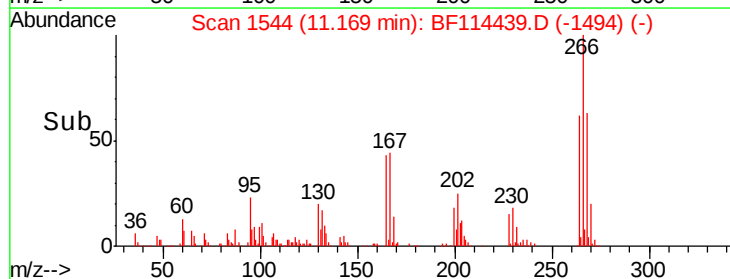
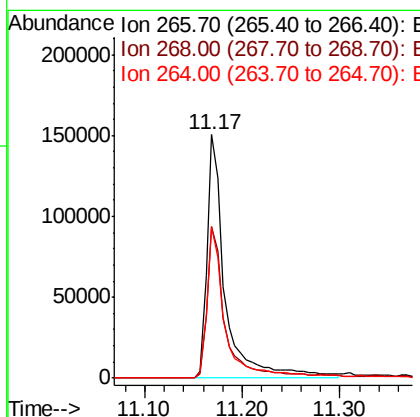
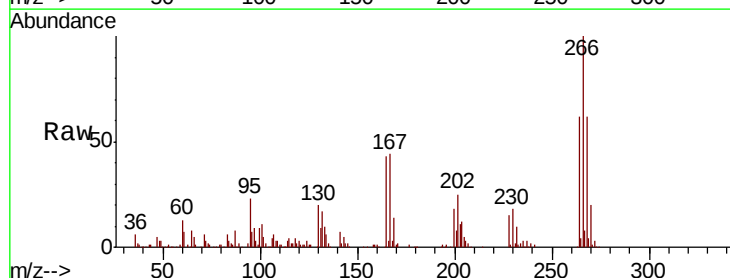
Instrument :
 BNA_F
 ClientSampled :

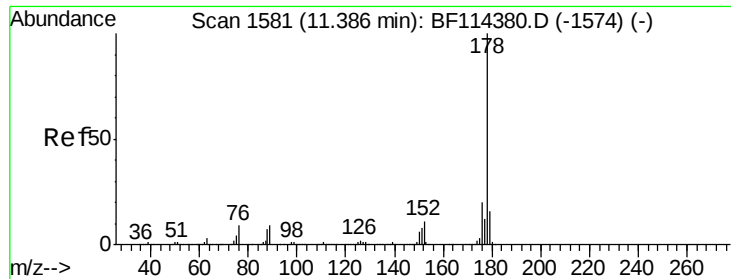
Tot Ion:200 Resp: 332252
 Ion Ratio Lower Upper
 200 100
 173 29.1 8.9 48.9
 215 50.5 30.7 70.7



#70
 Pentachlorophenol
 Concen: 37.245 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion:266 Resp: 195743
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 62.5 51.1 76.7

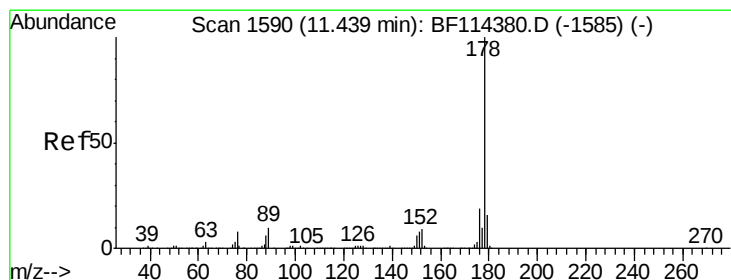
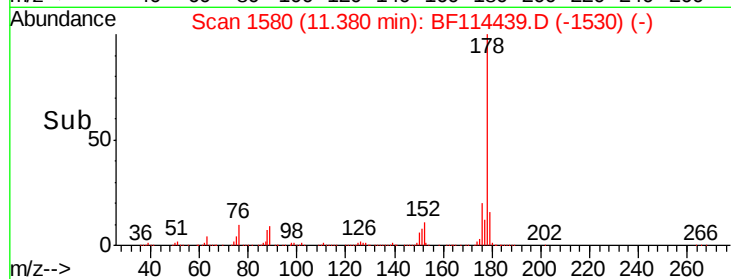
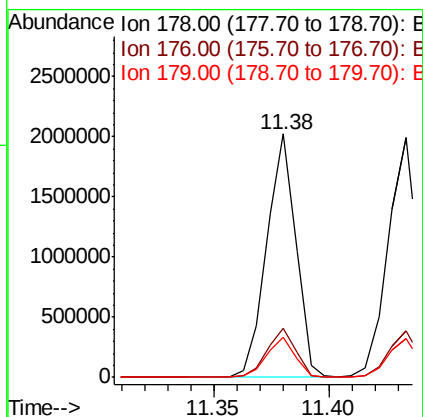
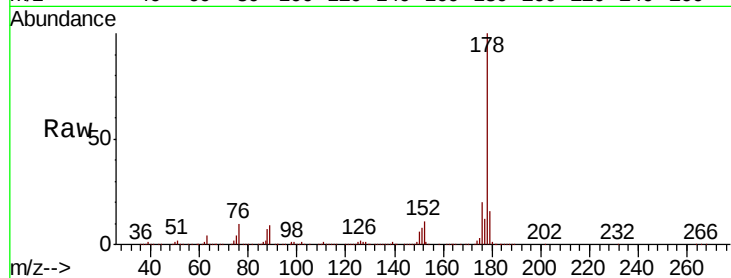




#71
Phenanthrene
Concen: 40.130 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

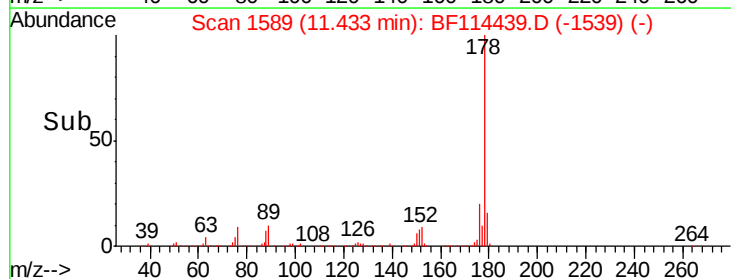
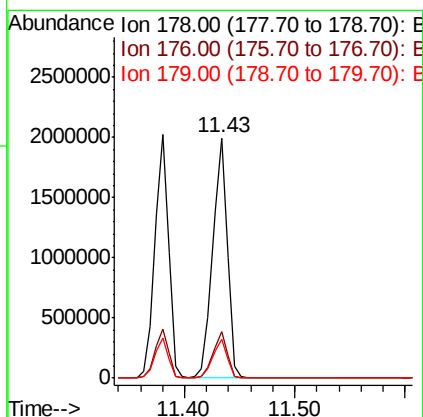
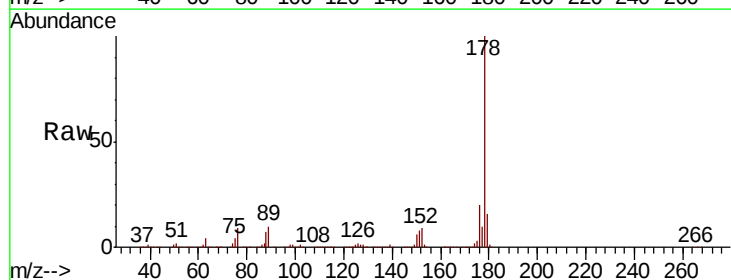
Instrument :
BNA_F
ClientSampled :

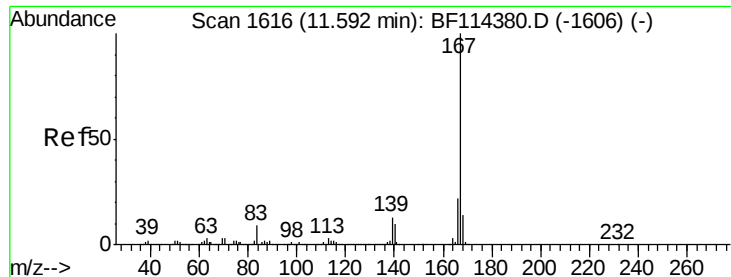
Tot Ion:178 Resp: 1777055
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 16.2 13.2 19.8



#72
Anthracene
Concen: 40.723 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:178 Resp: 1811265
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.0 13.0 19.4

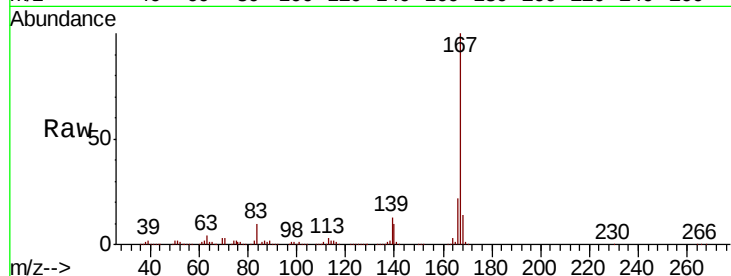




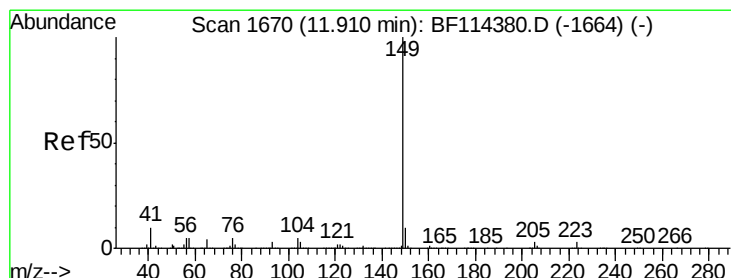
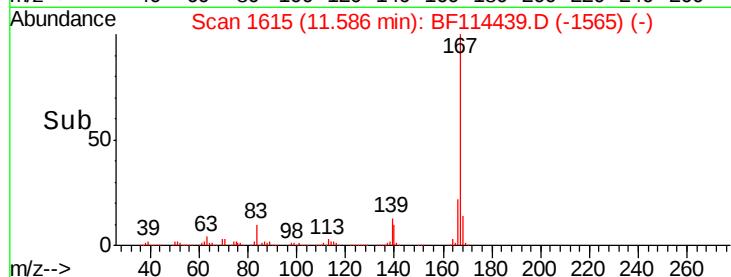
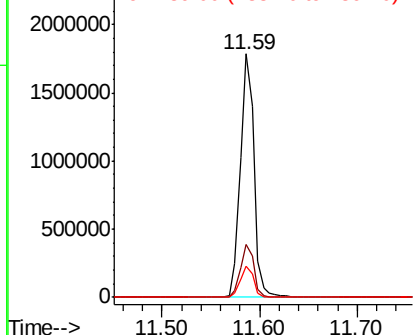
#73
 Carbazole
 Concen: 40.785 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1729842
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 13.0 10.6 16.0

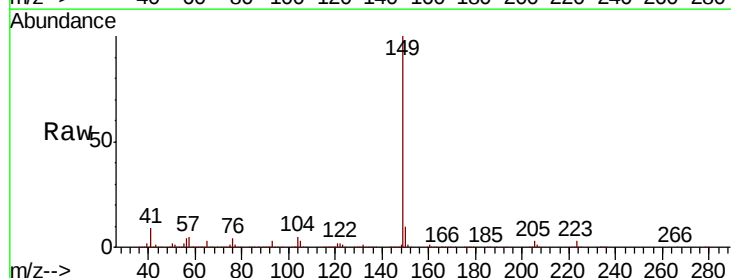


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

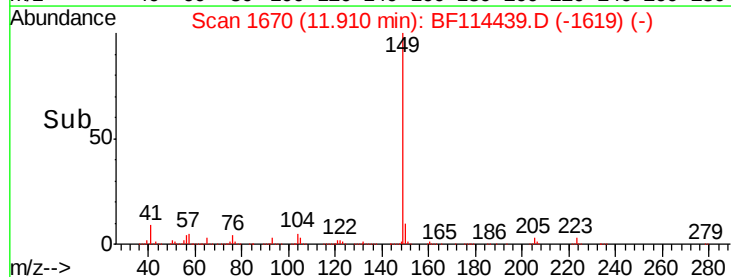
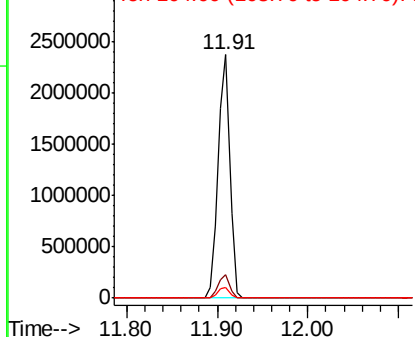


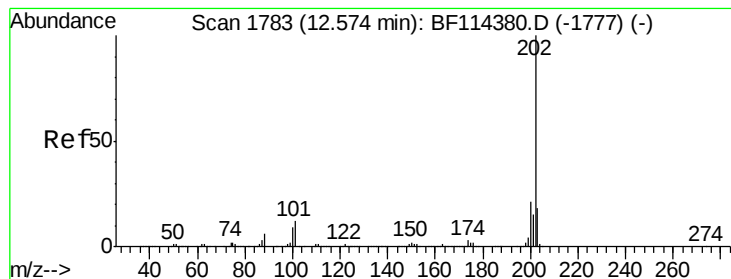
#74
 Di-n-butylphthalate
 Concen: 43.092 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion:149 Resp: 2105677
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.6 3.6 5.4



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





#75

Fluoranthene

Concen: 40.179 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampled :

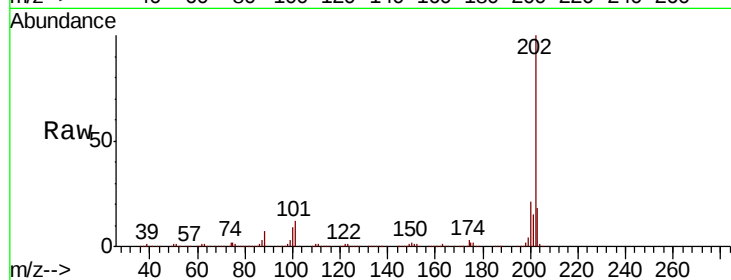
Tot Ion:202 Resp: 1916006

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.0

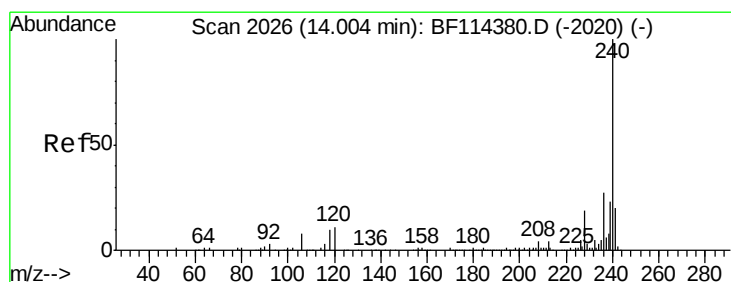
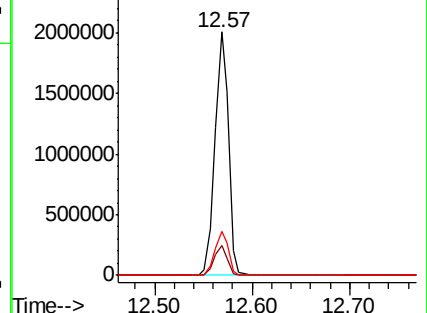
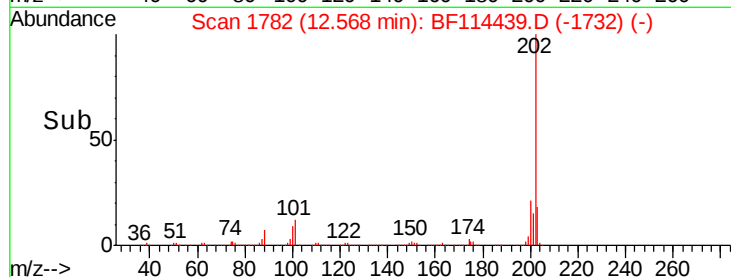
203 18.0 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

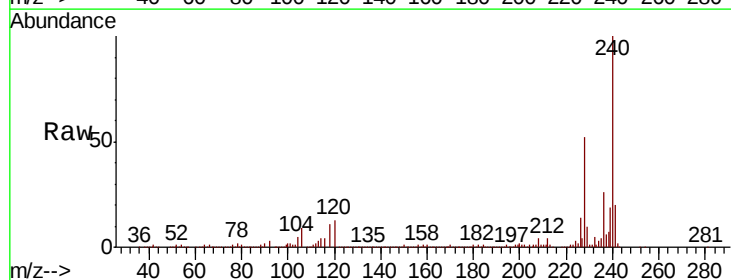
Tgt Ion:240 Resp: 587916

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

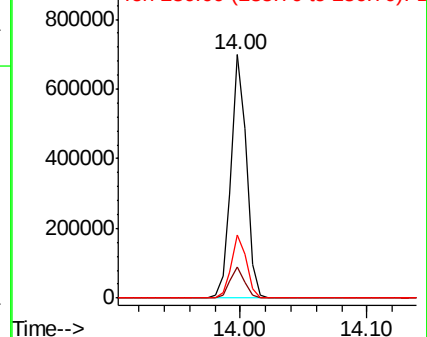
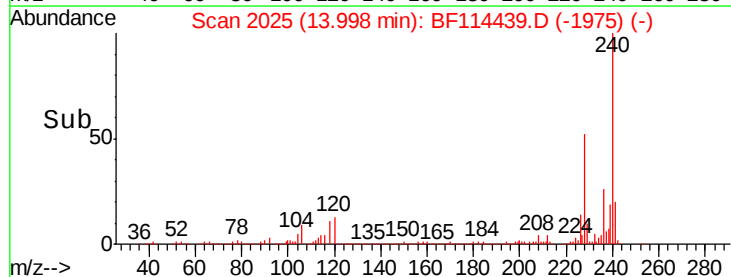
236 26.2 20.8 31.2

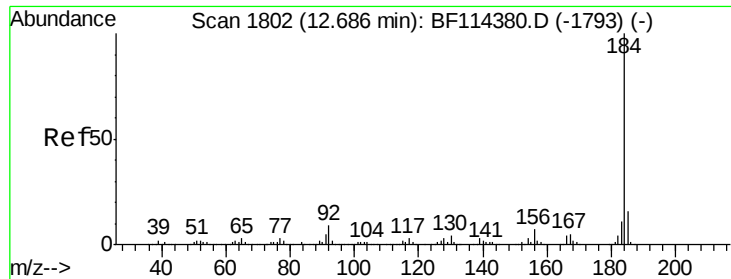


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.391 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampled :

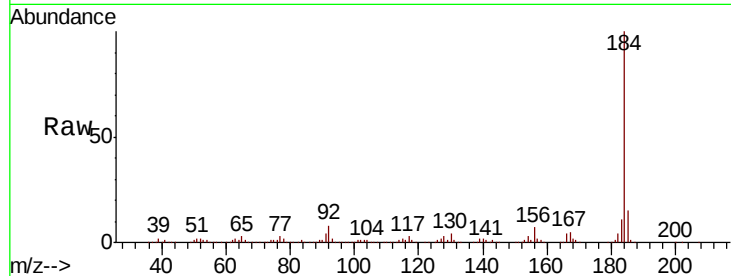
Tot Ion:184 Resp: 828432

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

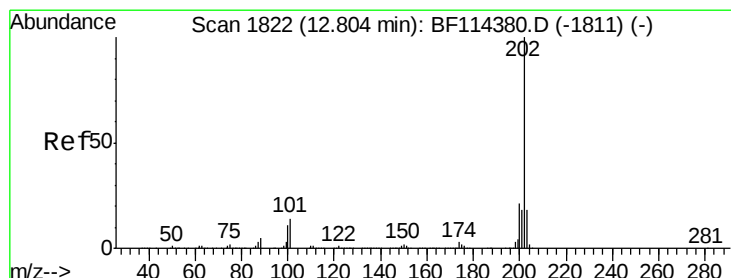
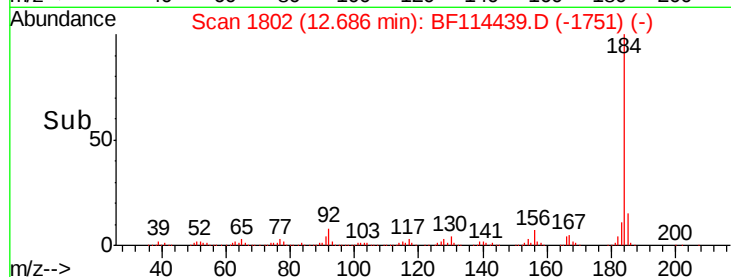
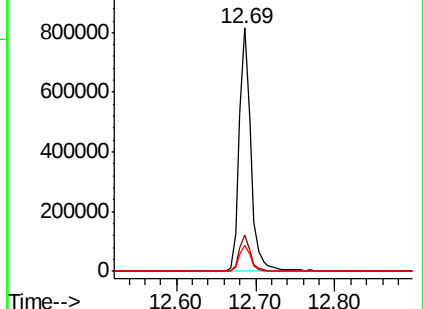
183 10.8 9.2 13.8



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: 40.981 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

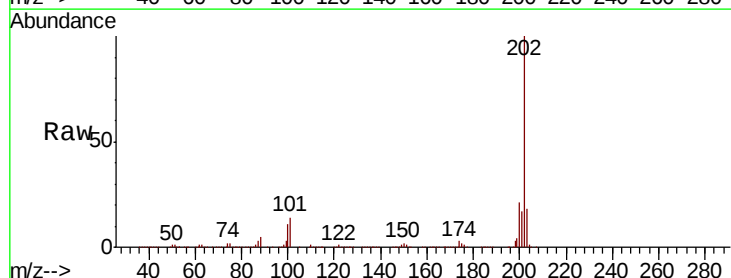
Tgt Ion:202 Resp: 1938201

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

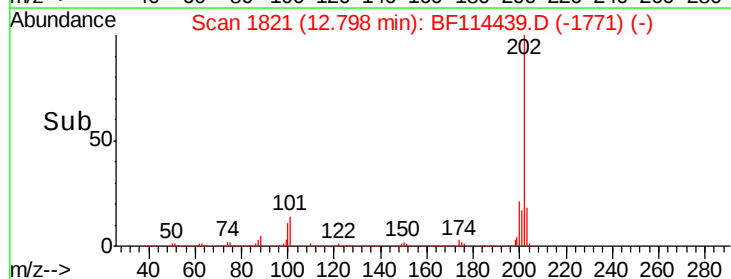
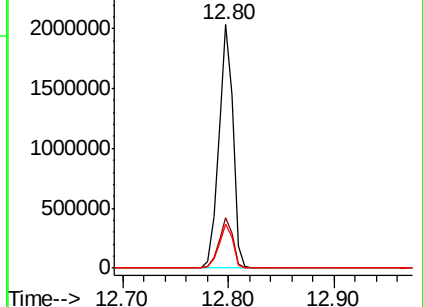
203 18.2 14.5 21.7

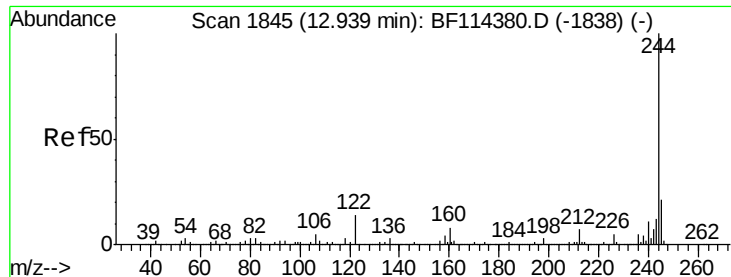


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.949 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampled :

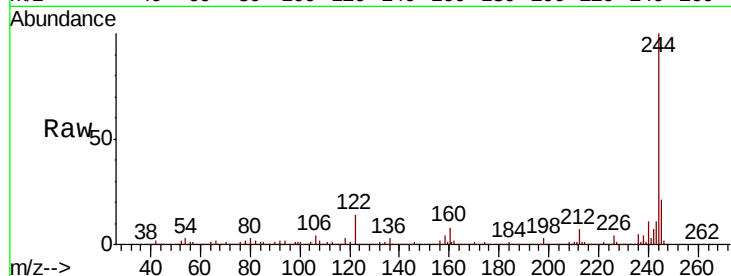
Tot Ion:244 Resp: 2280129

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

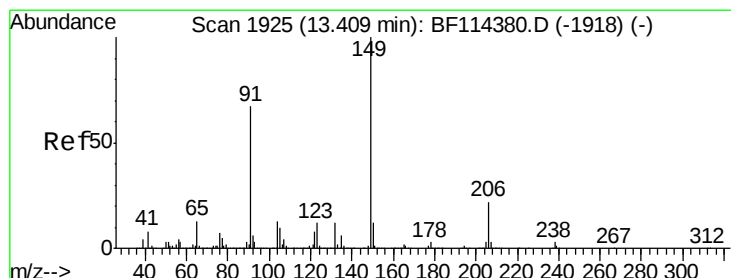
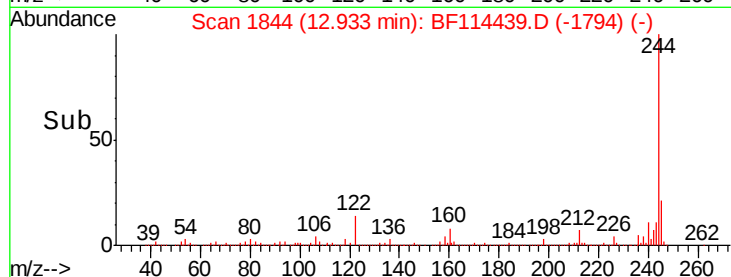
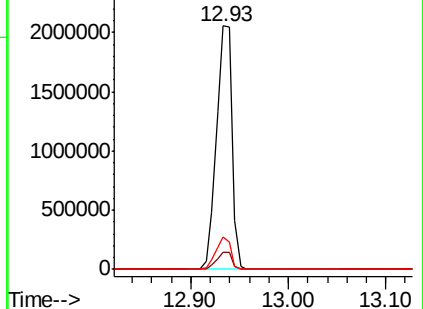
122 13.5 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.982 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

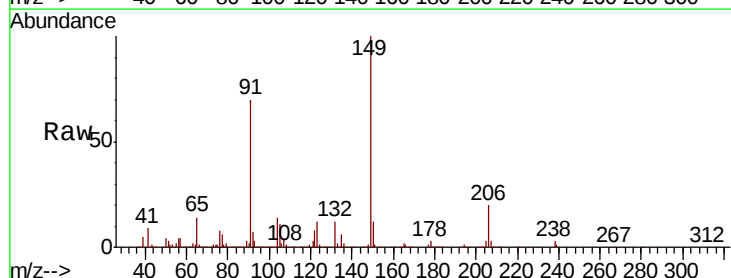
Tgt Ion:149 Resp: 875547

Ion Ratio Lower Upper

149 100

91 70.1 55.0 82.4

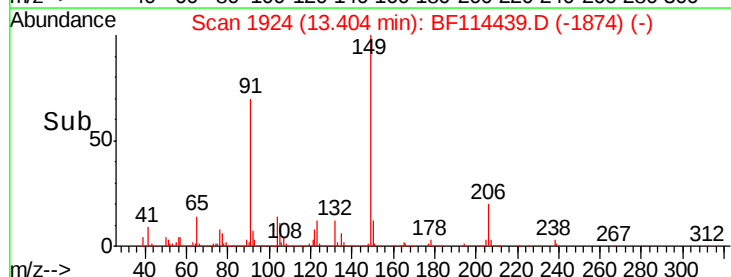
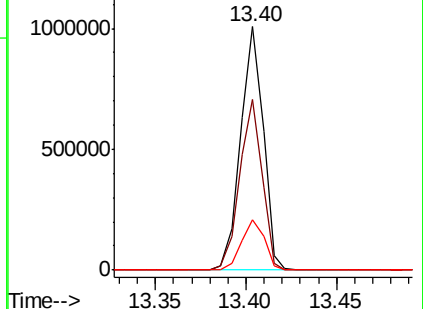
206 20.5 16.9 25.3

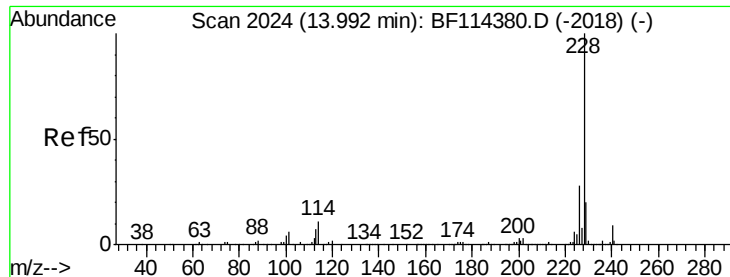


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.600 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

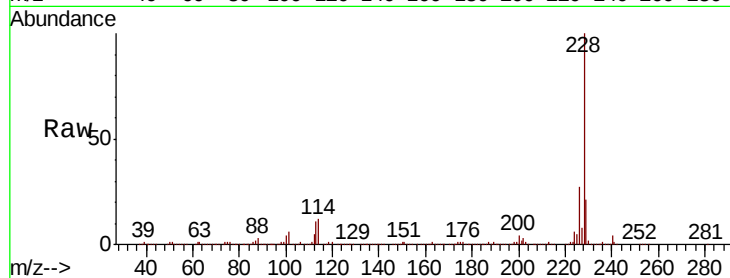
Tot Ion:228 Resp: 1581886

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

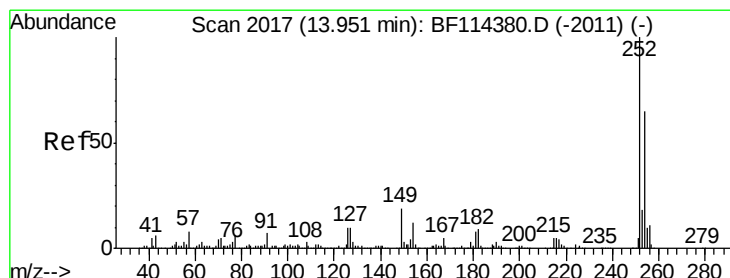
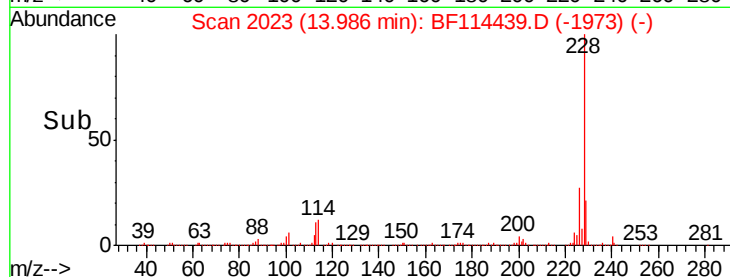
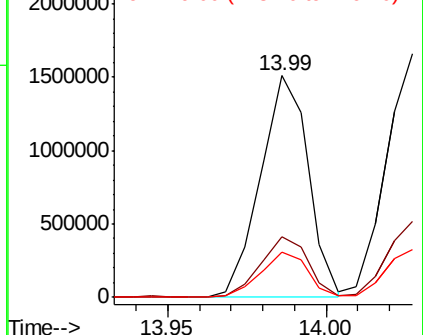
229 20.6 16.4 24.6



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: 42.283 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

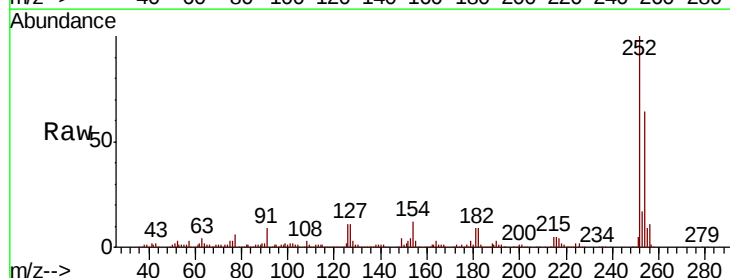
Tgt Ion:252 Resp: 623738

Ion Ratio Lower Upper

252 100

254 64.0 51.9 77.9

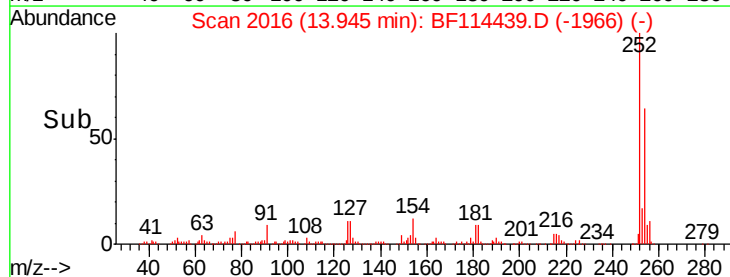
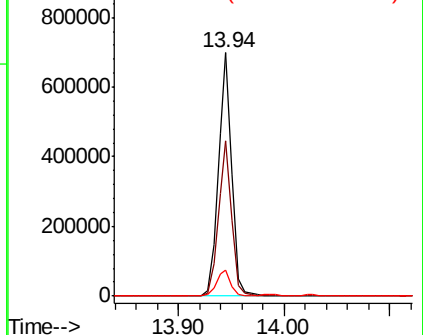
126 10.5 7.9 11.9

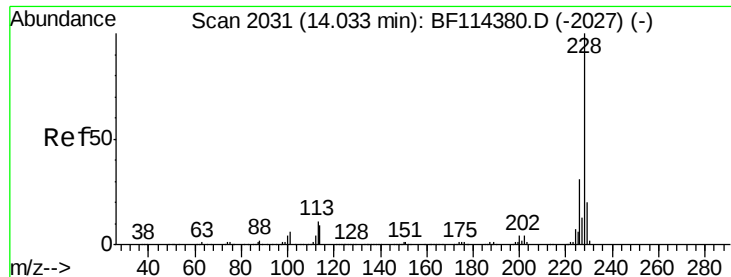


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

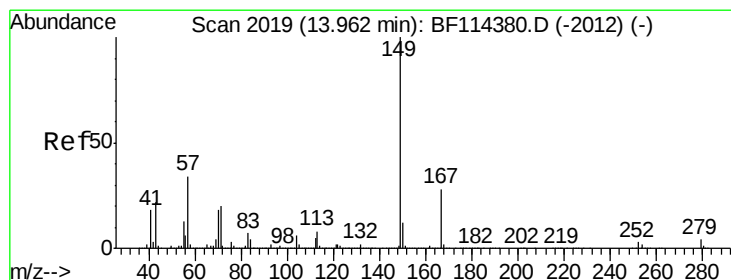
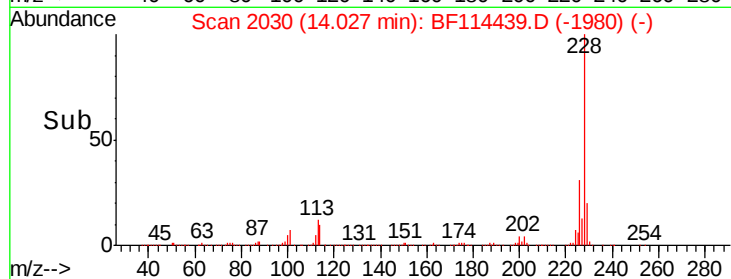
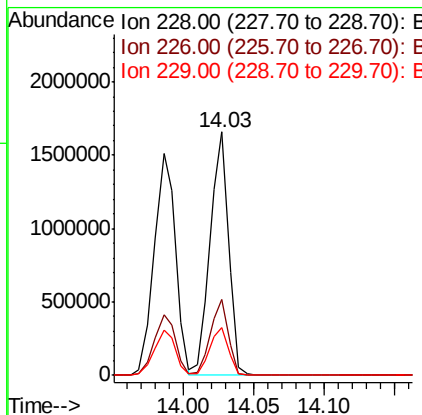
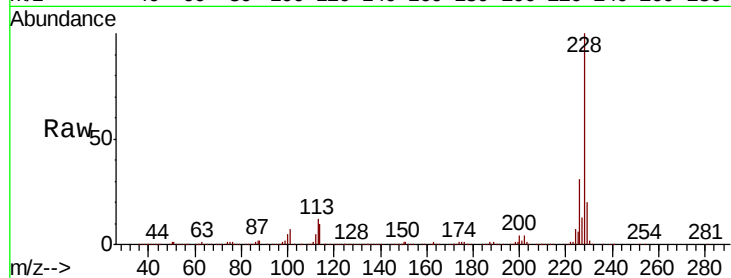




#83
 Chrvsene
 Concen: 40.572 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

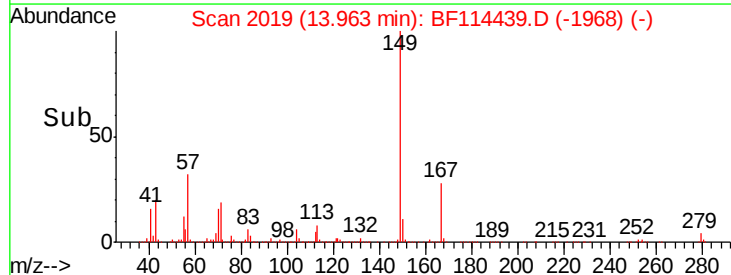
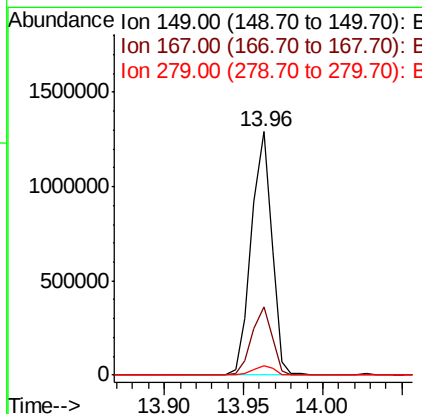
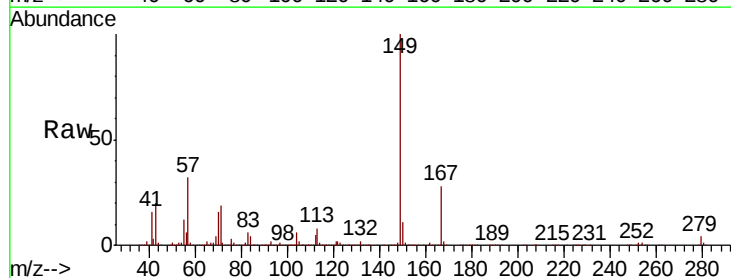
Instrument :
 BNA_F
 ClientSampleId :

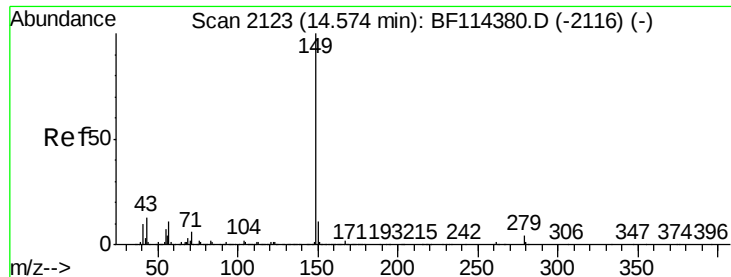
Tot Ion:228 Resp: 1512393
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 19.9 17.0 25.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.502 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF114439.D
 Acq: 20 May 2019 15:30

Tgt Ion:149 Resp: 1158639
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.6 33.8
 279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.824 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampled :

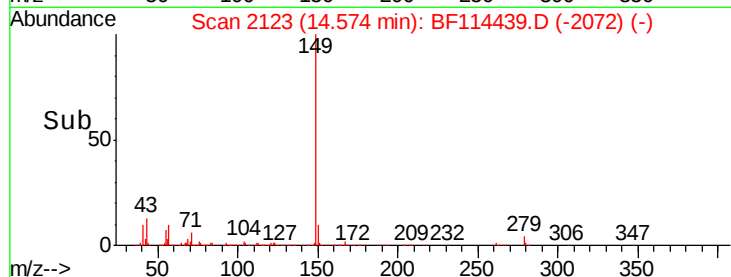
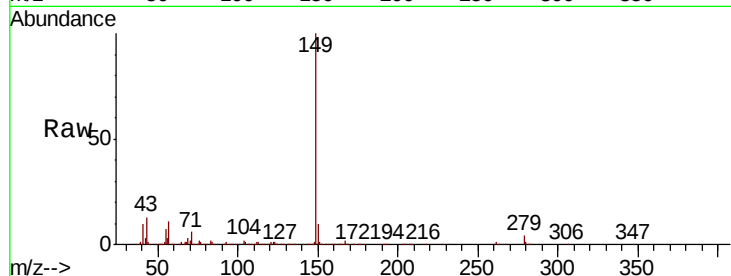
Tot Ion:149 Resp: 1765196

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

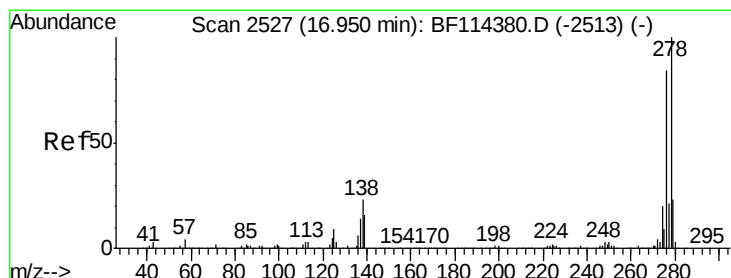
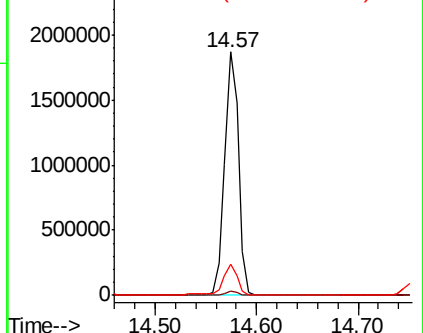
43 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.579 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

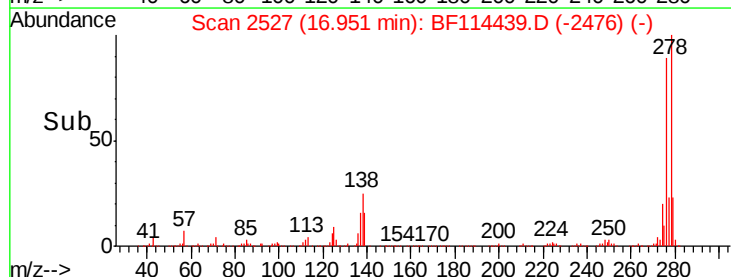
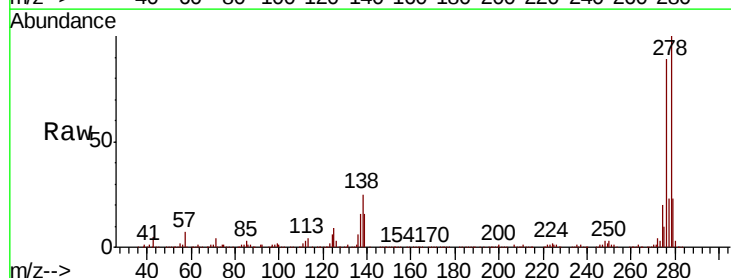
Tgt Ion:276 Resp: 1402738

Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.2

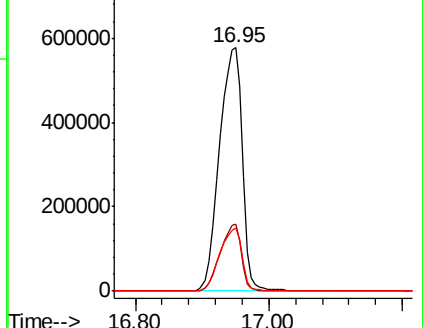
277 25.1 20.0 30.0

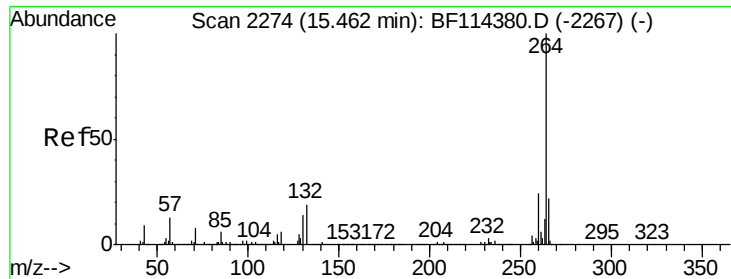


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



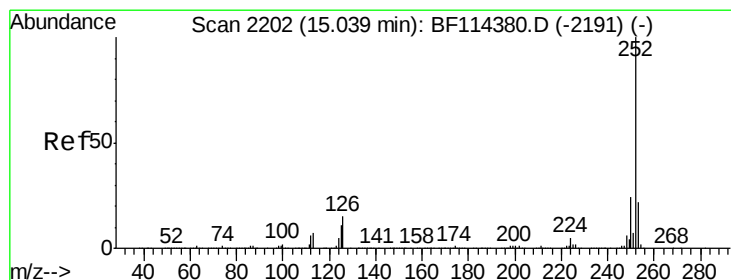
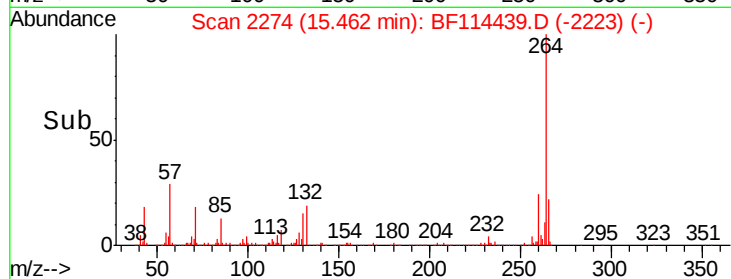
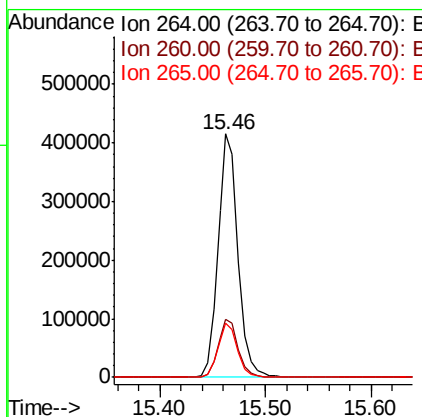
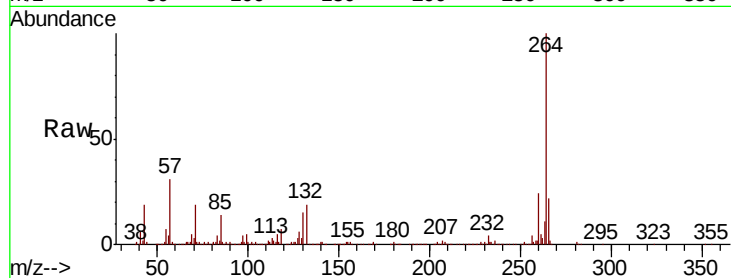


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 547564

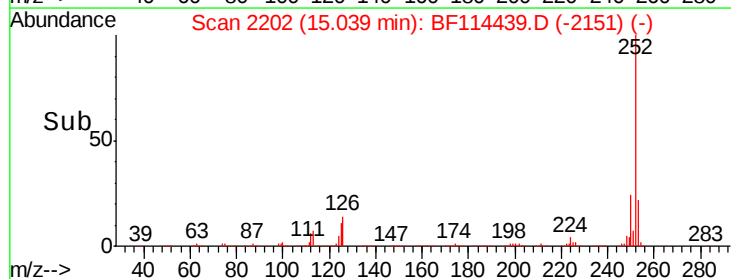
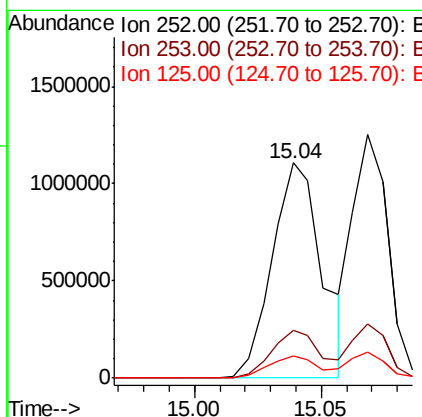
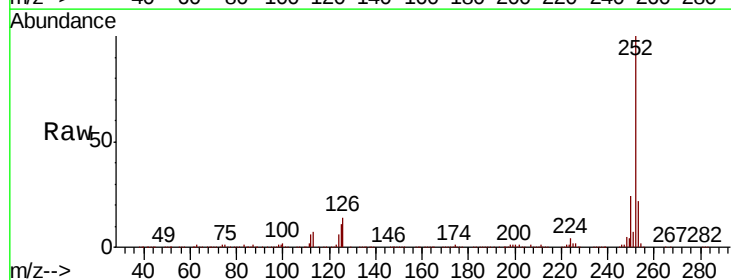
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	22.5	16.9	25.3

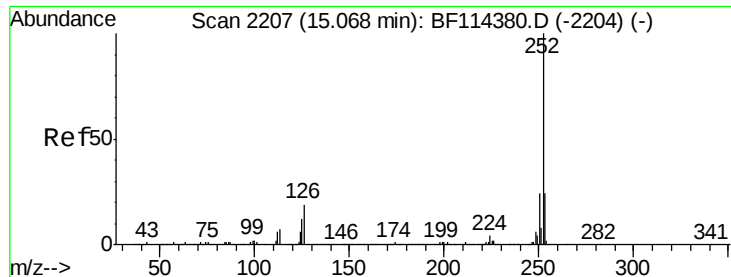


#88
Benzo(b)fluoranthene
Concen: 43.334 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:252 Resp: 1520176

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 38.190 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

Instrument :

BNA_F

ClientSampleId :

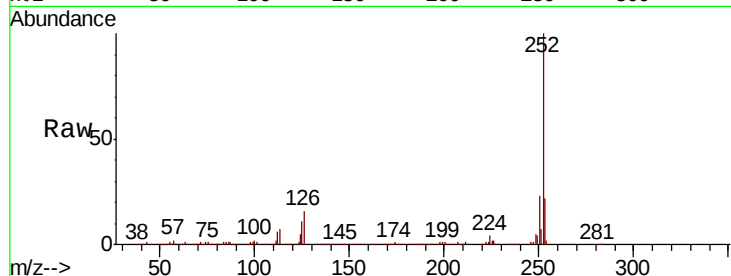
Tot Ion:252 Resp: 1230671

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

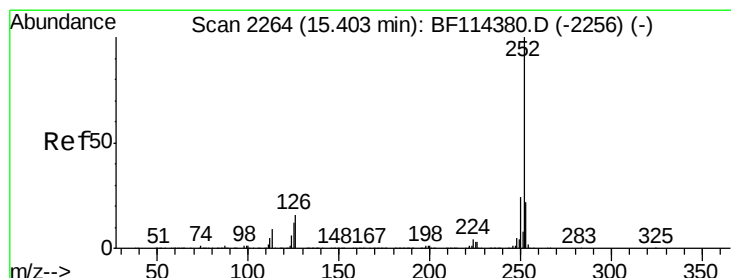
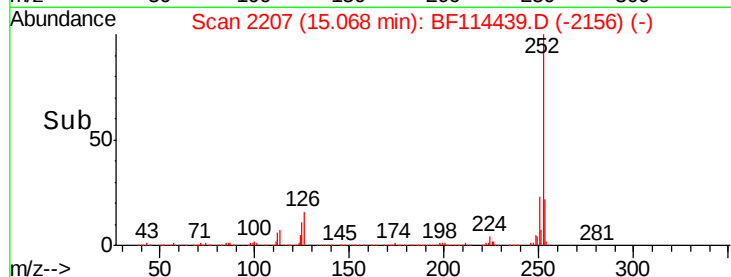
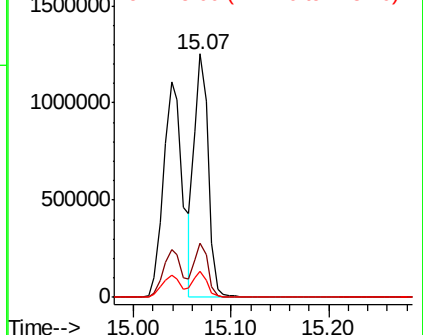
125 10.6 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.526 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF114439.D

Acq: 20 May 2019 15:30

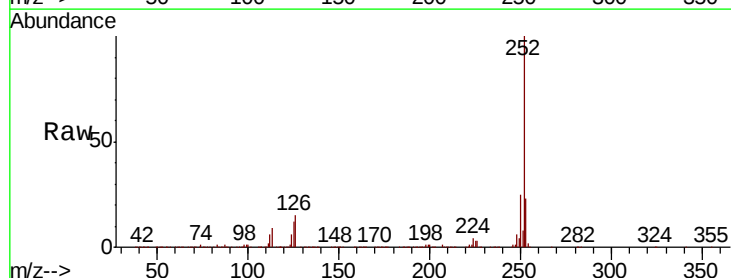
Tgt Ion:252 Resp: 1282048

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

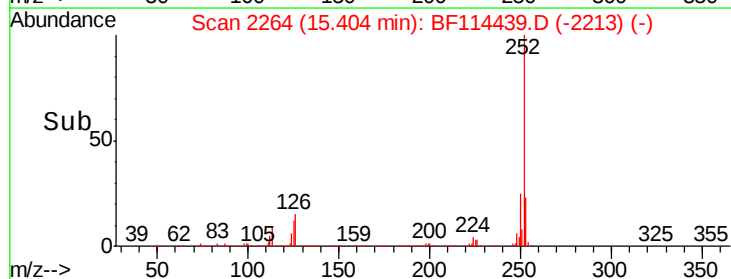
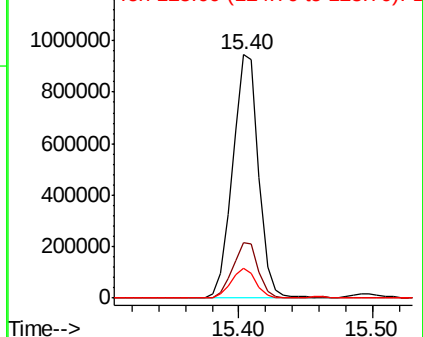
125 12.1 9.5 14.3

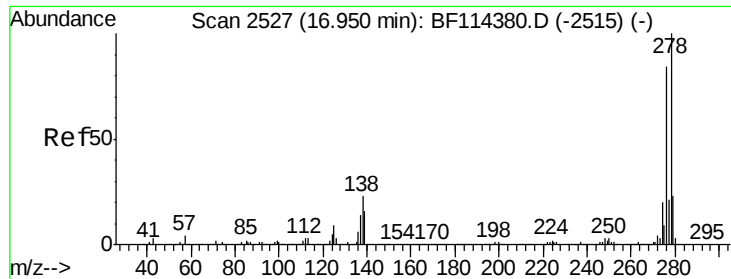


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

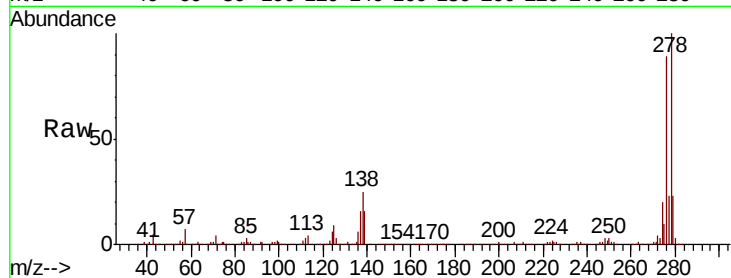




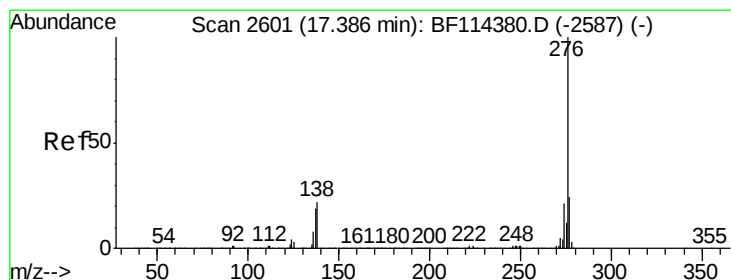
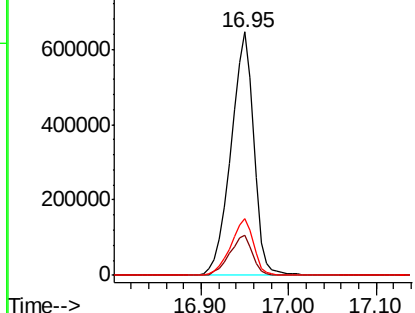
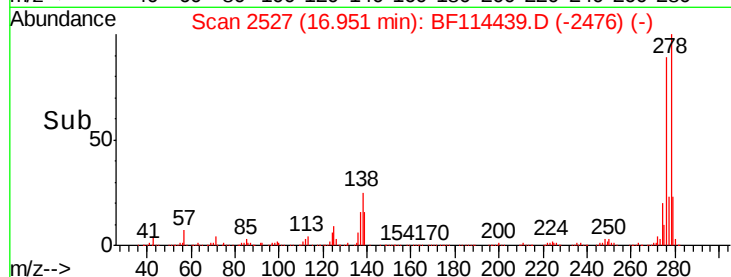
#91
Dibenzo(a,h)anthracene
Concen: 44.690 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1146505
Ion Ratio Lower Upper
278 100
139 16.3 13.5 20.3
279 23.4 19.0 28.6

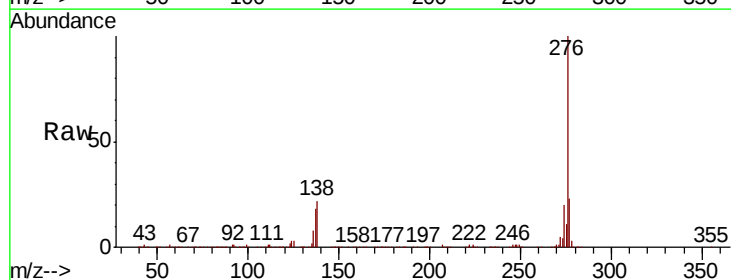


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.274 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BF114439.D
Acq: 20 May 2019 15:30

Tgt Ion:276 Resp: 1189679
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 21.8 17.8 26.6



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

