

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114557.D
 Acq On : 24 May 2019 9:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 24 11:44:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	157452	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	625786	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	295613	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	586059	20.00	ng	0.00
76) Chrysene-d12	13.99	240	379926	20.00	ng	0.00
87) Perylene-d12	15.45	264	319251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	774431	79.15	ng	0.00
7) Phenol-d6	6.46	99	953624	82.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	903610	81.04	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	232248	75.99	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1581936	80.95	ng	0.00
79) Terphenyl-d14	12.92	244	1607180	87.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	181212	33.696	ng	99
3) Pyridine	3.32	79	500043	33.747	ng	98
4) n-Nitrosodimethylamine	3.27	42	243084	34.020	ng	100
6) Aniline	6.48	93	672490	40.230	ng	# 66
8) 2-Chlorophenol	6.61	128	438979	42.027	ng	92
9) Benzaldehyde	6.37	77	280661	34.644	ng	100
10) Phenol	6.47	94	552509	40.587	ng	78
11) bis(2-Chloroethyl)ether	6.55	93	419406	40.582	ng	96
12) 1,3-Dichlorobenzene	6.76	146	481350	41.054	ng	100
13) 1,4-Dichlorobenzene	6.83	146	488826	41.374	ng	98
14) 1,2-Dichlorobenzene	6.99	146	449516	41.645	ng	99
15) Benzyl Alcohol	6.96	79	361413	40.044	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	772402	38.546	ng	80
17) 2-Methylphenol	7.08	107	340787	39.718	ng	# 93
18) Hexachloroethane	7.32	117	177546	40.035	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	295032	40.223	ng	98
20) 3+4-Methylphenols	7.23	107	434407	43.820	ng	# 79
22) Acetophenone	7.23	105	577704	41.672	ng	# 94
24) Nitrobenzene	7.40	77	463581	40.818	ng	100
25) Isophorone	7.64	82	820740	39.687	ng	100
26) 2-Nitrophenol	7.72	139	231982	42.101	ng	95
27) 2,4-Dimethylphenol	7.76	122	341205	39.427	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	537363	40.047	ng	100
29) 2,4-Dichlorophenol	7.97	162	356393	41.357	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	397867	40.602	ng	99
31) Naphthalene	8.12	128	1231076	42.115	ng	98
32) Benzoic acid	7.90	122	166532	30.061	ng	98
33) 4-Chloroaniline	8.17	127	568610	42.687	ng	97
34) Hexachlorobutadiene	8.23	225	224995	40.354	ng	98
35) Caprolactam	8.55	113	122468	43.584	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	372361	42.928	ng	97
37) 2-Methylnaphthalene	8.81	142	812452	43.078	ng	98
38) 1-Methylnaphthalene	8.91	142	759137	42.742	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	372235	41.568	ng	99

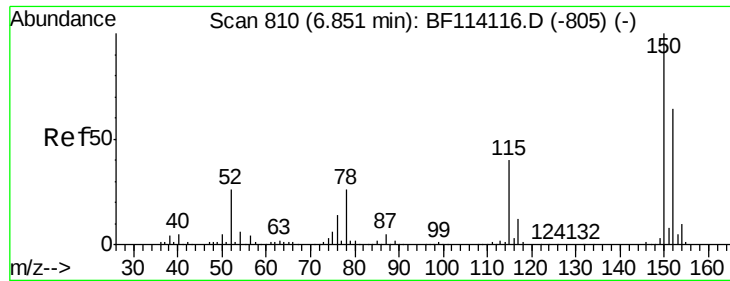
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114557.D
 Acq On : 24 May 2019 9:19
 Operator : JU/SJ
 Sample : SSTDCCC040
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 QLast Update : Fri May 24 07:23:33 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	129406	33.666	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	245241	39.816	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	243667	38.575	ng	96
46) 1,1'-Biphenyl	9.27	154	992915	41.577	ng	98
47) 2-Chloronaphthalene	9.30	162	786963	40.946	ng	97
48) 2-Nitroaniline	9.40	65	280377	41.134	ng	96
49) Acenaphthylene	9.72	152	1211670	41.450	ng	99
50) Dimethylphthalate	9.57	163	877356	40.430	ng	100
51) 2,6-Dinitrotoluene	9.65	165	196114	40.745	ng	90
52) Acenaphthene	9.89	154	719544	40.113	ng	100
53) 3-Nitroaniline	9.82	138	252671	42.289	ng	98
54) 2,4-Dinitrophenol	9.94	184	84370	38.666	ng	95
55) Dibenzofuran	10.06	168	1023526	38.912	ng	97
56) 4-Nitrophenol	10.00	139	146164	34.592	ng	96
57) 2,4-Dinitrotoluene	10.06	165	242944	37.187	ng	# 79
58) Fluorene	10.40	166	858641	42.262	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	208887	38.326	ng	98
60) Diethylphthalate	10.27	149	871439	39.522	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	410652	41.153	ng	99
62) 4-Nitroaniline	10.43	138	258646	41.196	ng	99
63) Azobenzene	10.55	77	832295	38.997	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	110833	39.357	ng	93
66) n-Nitrosodiphenylamine	10.51	169	741784	41.704	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	259122	40.157	ng	99
68) Hexachlorobenzene	10.96	284	283154	39.666	ng	# 90
69) Atrazine	11.04	200	223284	40.339	ng	99
70) Pentachlorophenol	11.16	266	118853	35.123	ng	98
71) Phenanthrene	11.37	178	1199836	42.081	ng	98
72) Anthracene	11.42	178	1215325	42.437	ng	98
73) Carbazole	11.57	167	1163625	42.609	ng	99
74) Di-n-butylphthalate	11.89	149	1347491	42.828	ng	100
75) Fluoranthene	12.56	202	1285617	41.871	ng	99
77) Benzidine	12.67	184	833438	48.870	ng	97
78) Pyrene	12.79	202	1299005	42.502	ng	99
80) Butylbenzylphthalate	13.39	149	568390	44.183	ng	98
81) Benzo(a)anthracene	13.97	228	1066430	43.398	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	398355	41.788	ng	100
83) Chrysene	14.02	228	1011409	41.987	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	731556	43.481	ng	100
85) Di-n-octyl phthalate	14.56	149	1113384	40.822	ng	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	794460	37.317	ng	99
88) Benzo(b)fluoranthene	15.03	252	874353	42.749	ng	98
89) Benzo(k)fluoranthene	15.05	252	785680	41.818	ng	100
90) Benzo(a)pyrene	15.39	252	750898	41.716	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	649558	43.427	ng	100
92) Benzo(g,h,i)perylene	17.37	276	667930	44.559	ng	98

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

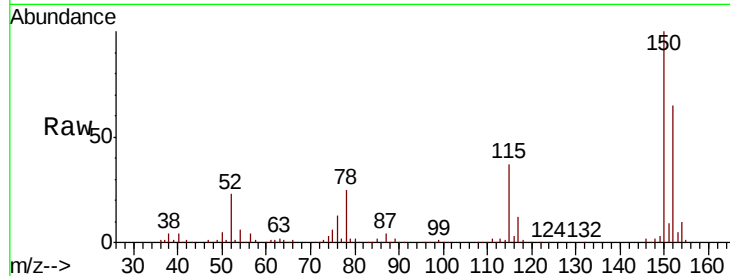


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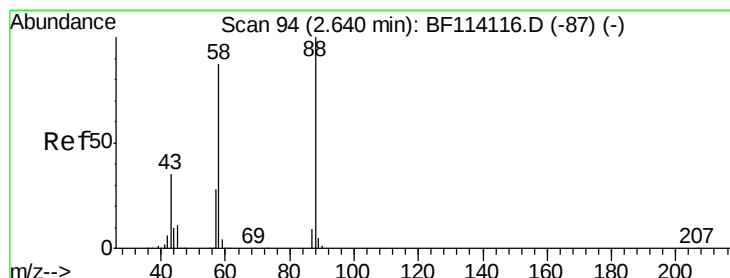
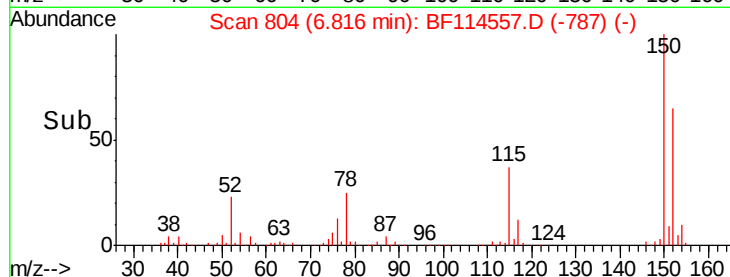
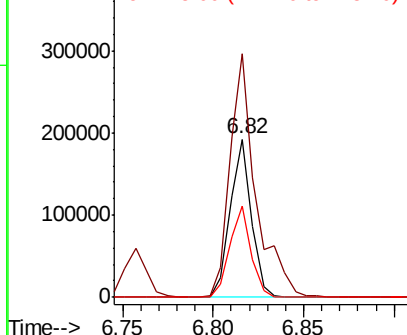
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 157452
Ion Ratio Lower Upper
152 100
150 154.2 124.3 186.5
115 57.8 49.1 73.7



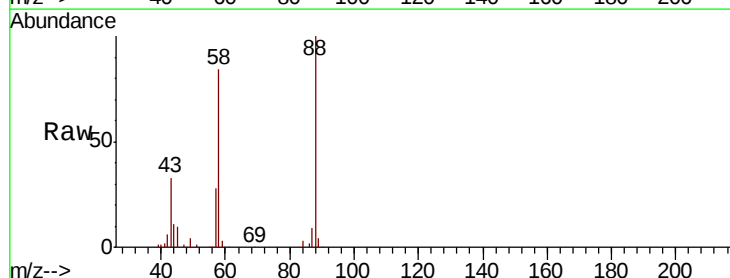
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



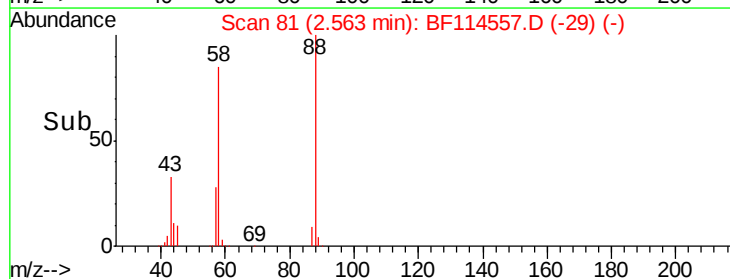
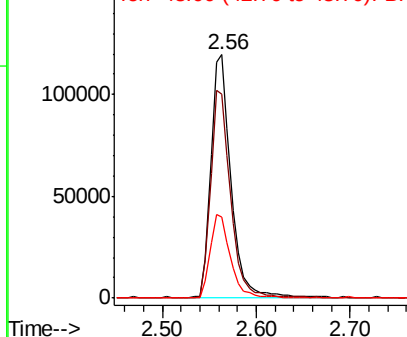
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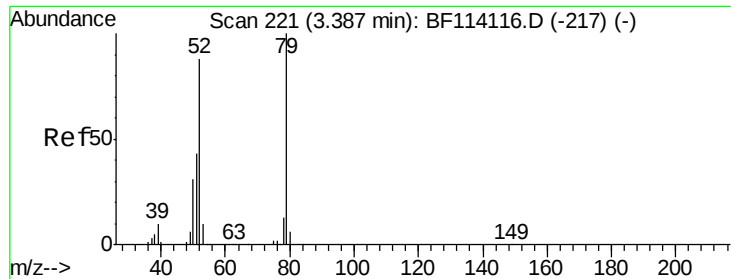
1,4-Dioxane
Concen: 33.696 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion: 88 Resp: 181212
Ion Ratio Lower Upper
88 100
58 84.8 68.7 103.1
43 35.3 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: 33.747 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

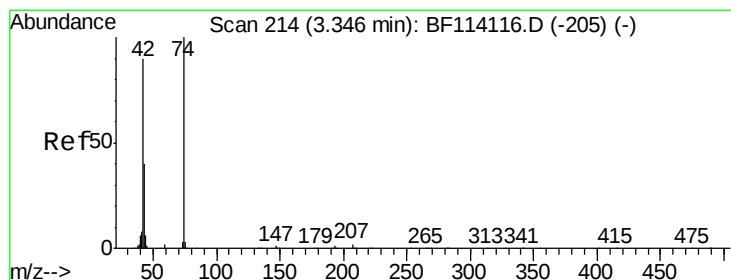
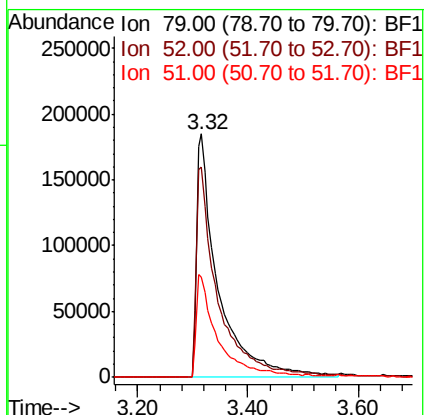
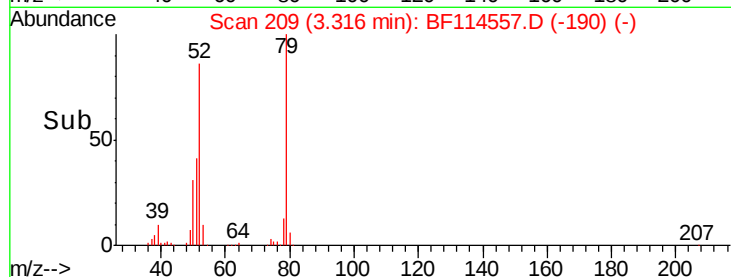
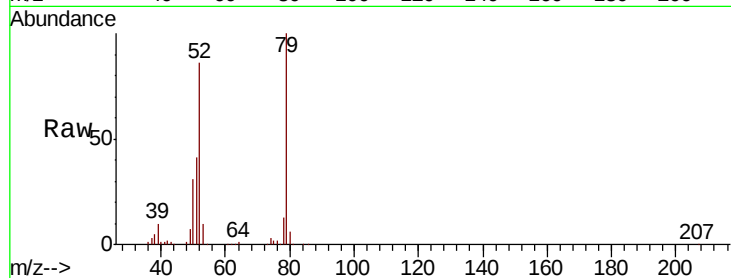
Tot Ion: 79 Resp: 500043

Ion Ratio Lower Upper

79 100

52 86.2 70.6 105.8

51 41.3 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 34.020 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

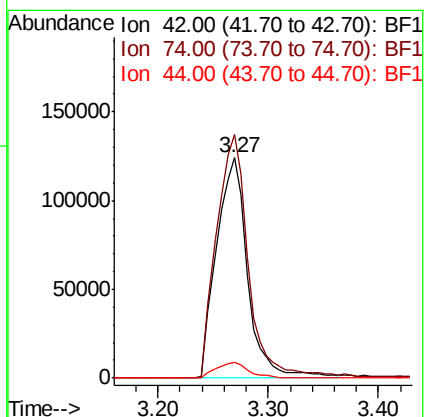
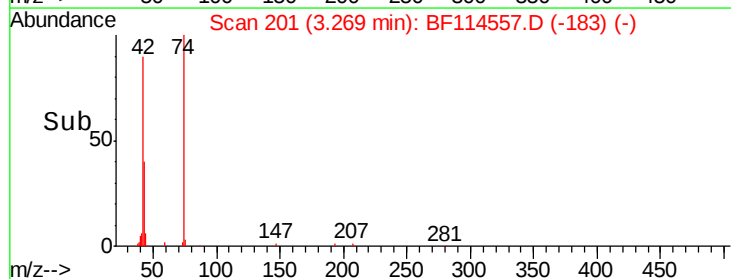
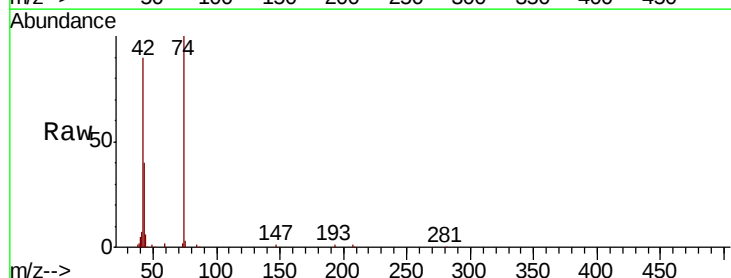
Tgt Ion: 42 Resp: 243084

Ion Ratio Lower Upper

42 100

74 110.6 88.6 132.8

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 79.152 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

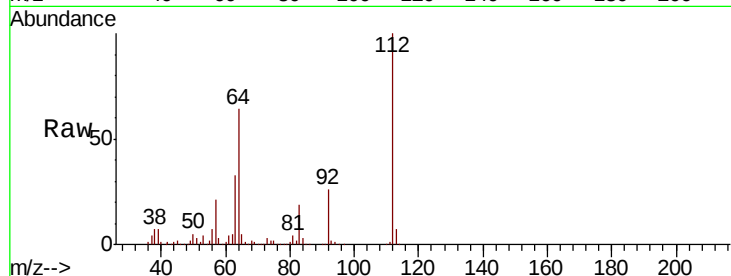
Tot Ion:112 Resp: 774431

Ion Ratio Lower Upper

112 100

64 64.5 49.0 73.6

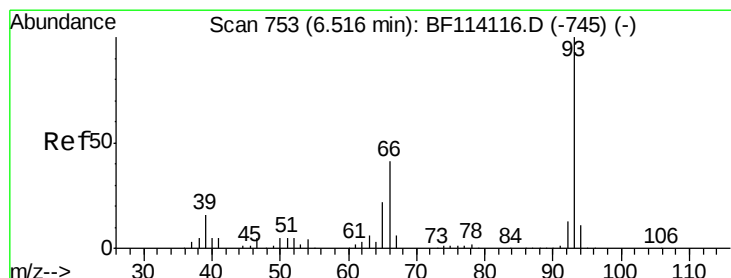
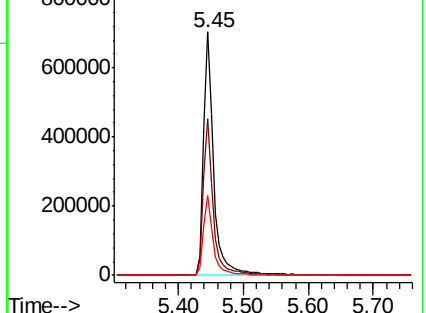
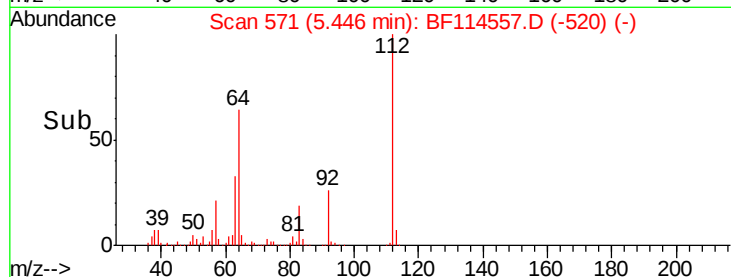
63 32.7 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.230 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

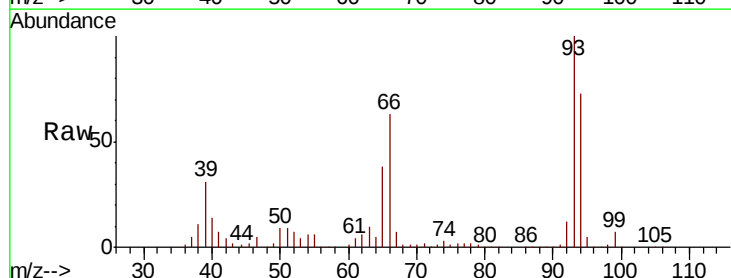
Tgt Ion: 93 Resp: 672490

Ion Ratio Lower Upper

93 100

66 62.7 33.2 49.8#

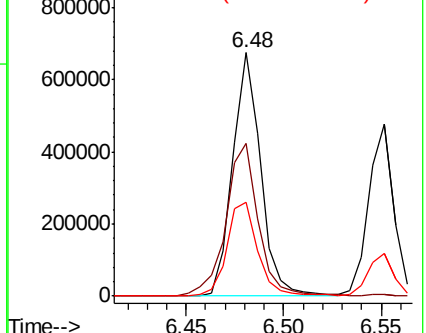
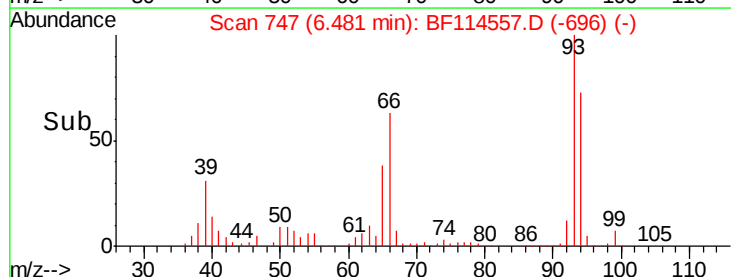
65 38.4 17.6 26.4#



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: 82.408 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

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ClientSampleId :

SSTDCCC040

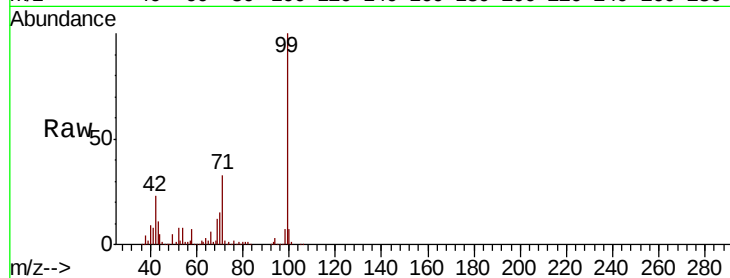
Tot Ion: 99 Resp: 953624

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

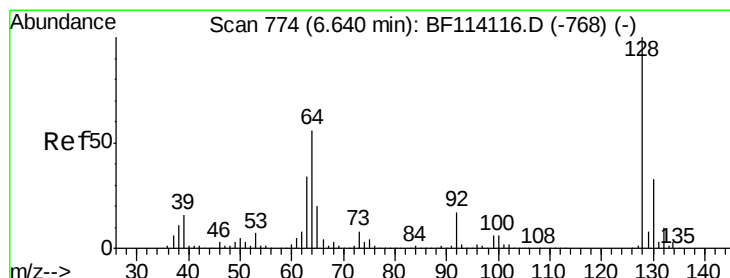
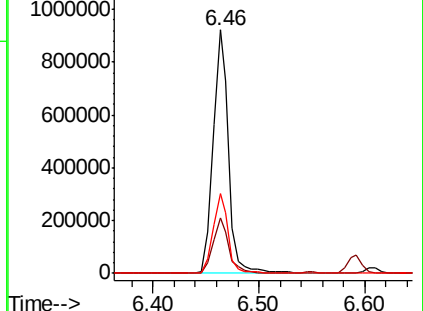
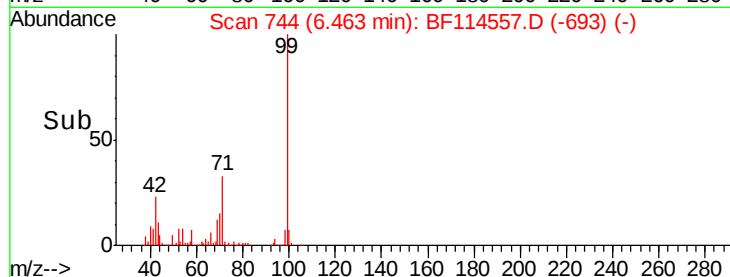
71 32.9 26.2 39.2



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: 42.027 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

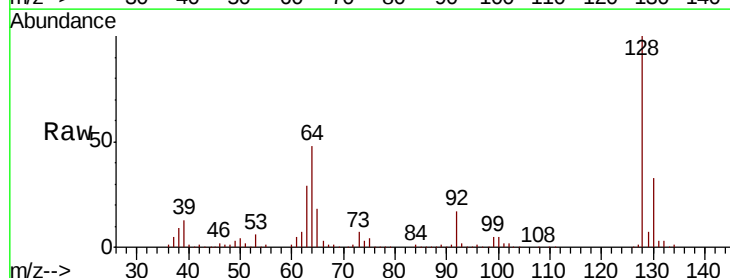
Tgt Ion: 128 Resp: 438979

Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

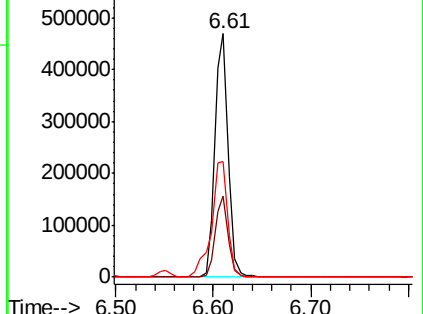
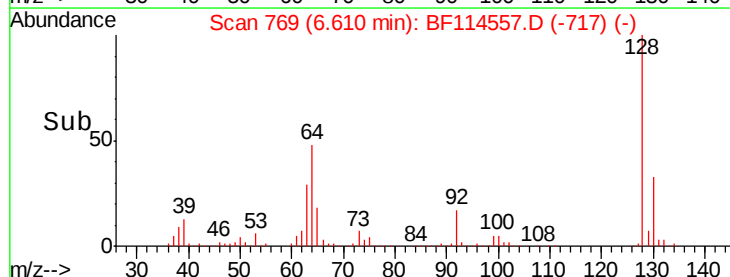
64 47.7 35.9 75.9

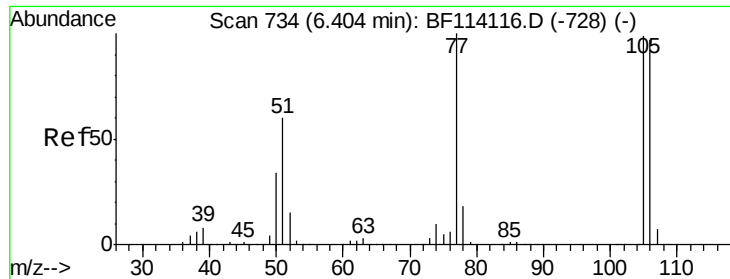


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.644 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

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SSTDCCC040

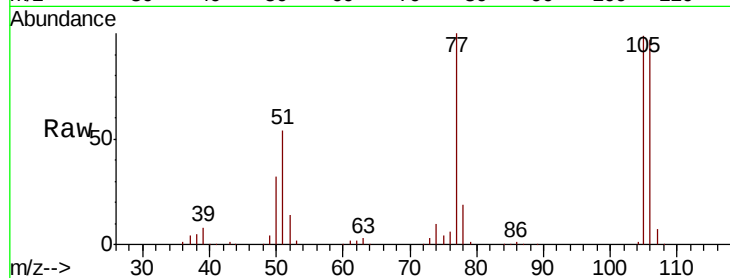
Tot Ion: 77 Resp: 280661

Ion Ratio Lower Upper

77 100

105 99.5 79.3 119.3

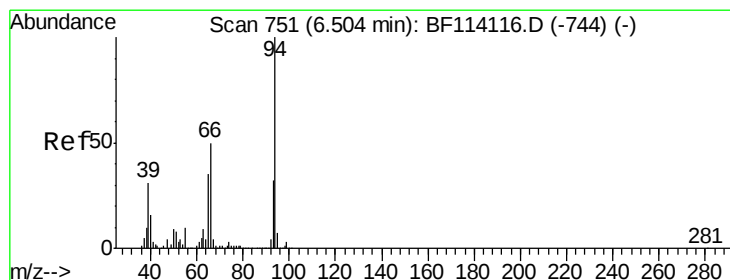
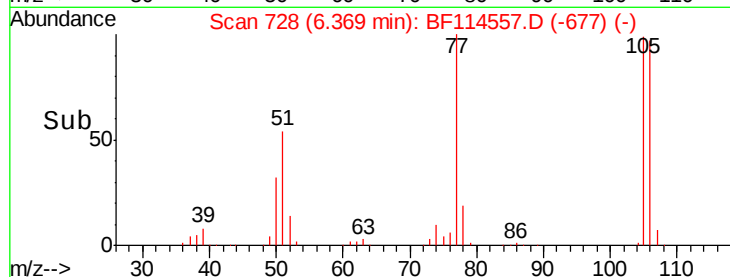
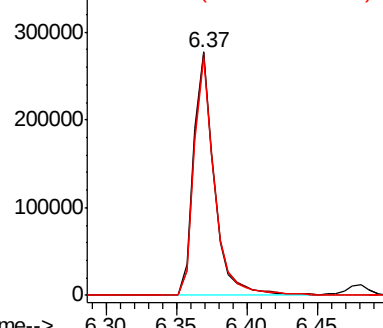
106 97.2 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.587 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

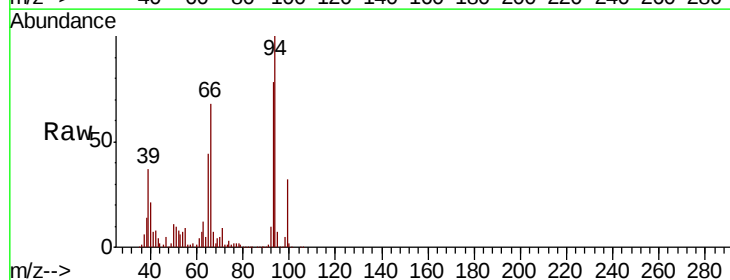
Tgt Ion: 94 Resp: 552509

Ion Ratio Lower Upper

94 100

65 44.2 14.7 54.7

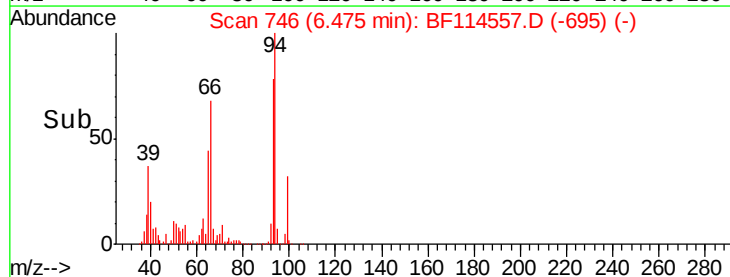
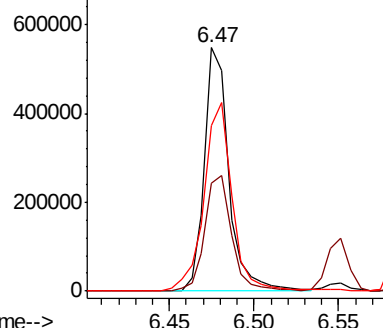
66 67.8 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

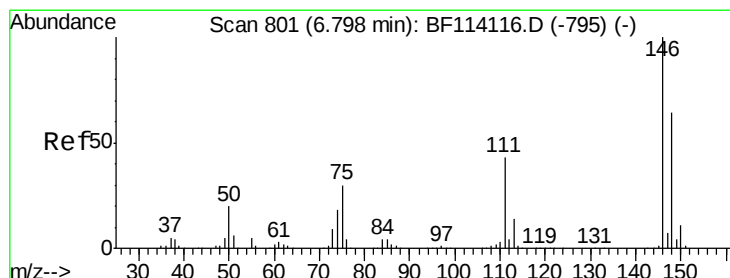
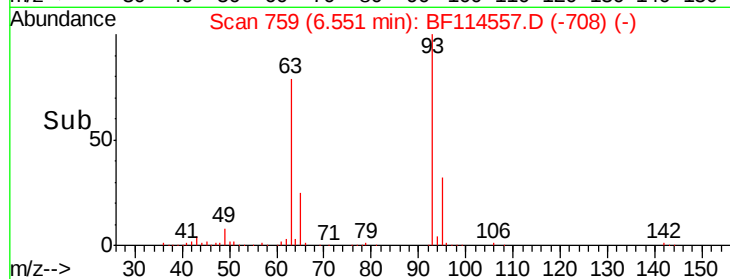
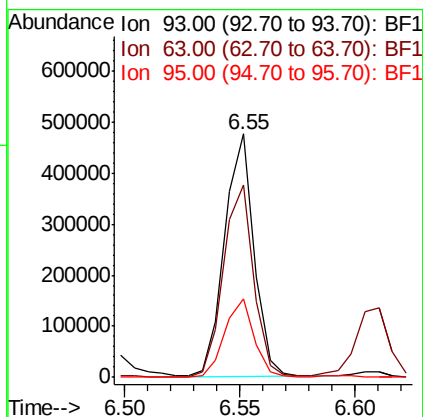
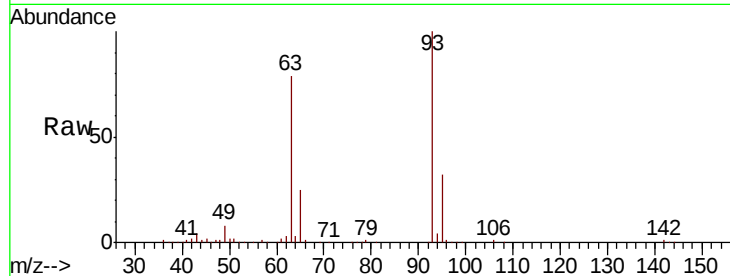




#11
 bis(2-Chloroethyl)ether
 Concen: 40.582 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

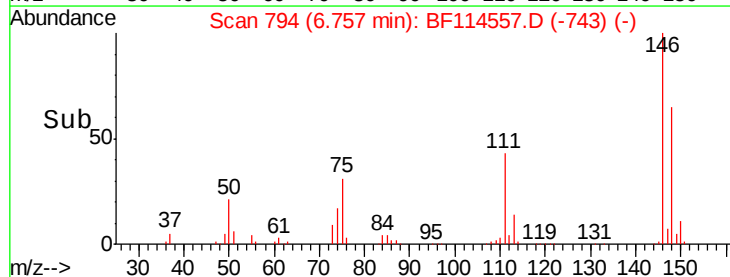
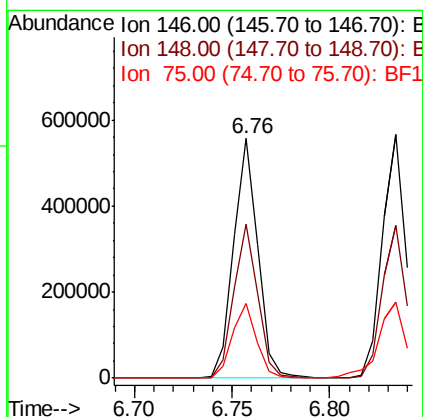
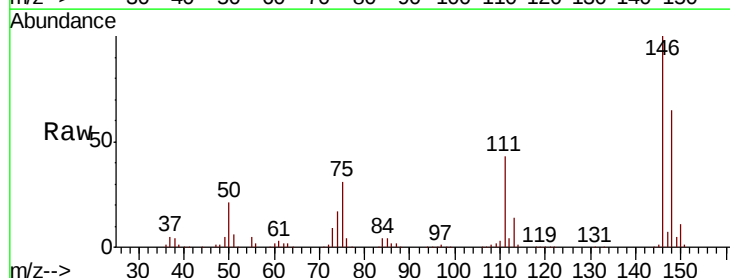
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

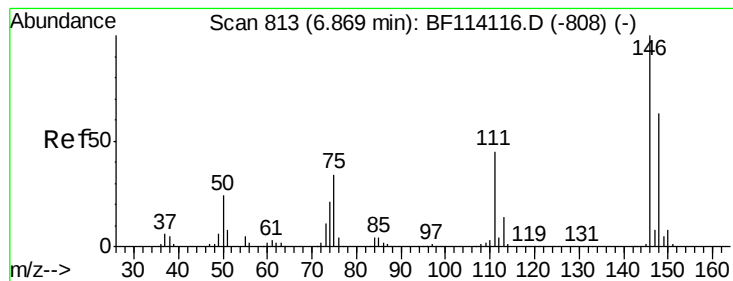
Tot Ion: 93 Resp: 419406
 Ion Ratio Lower Upper
 93 100
 63 79.3 63.6 103.6
 95 32.4 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 41.054 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion: 146 Resp: 481350
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 75 30.9 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 41.374 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

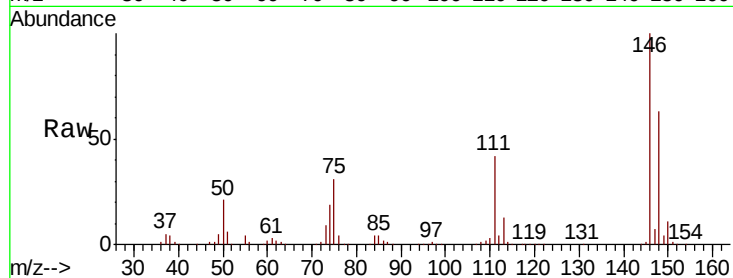
Tot Ion:146 Resp: 488826

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

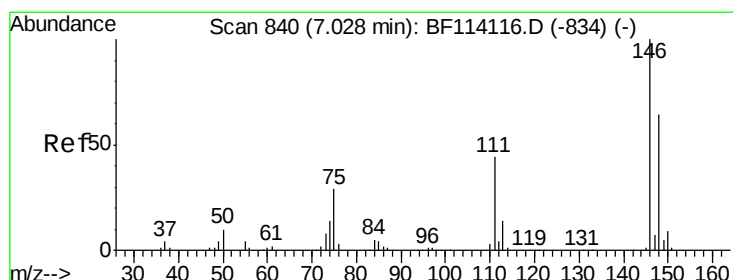
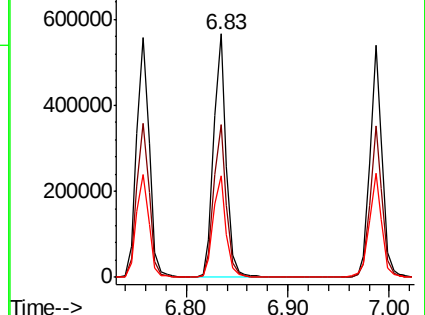
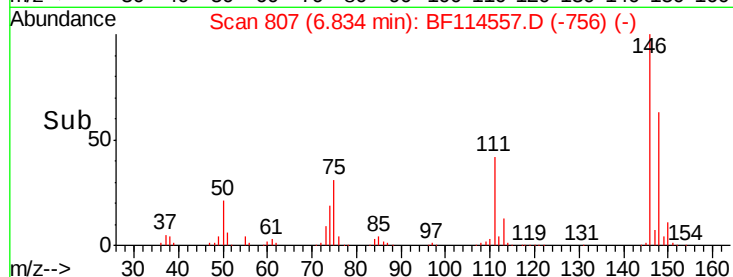
111 41.6 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.645 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

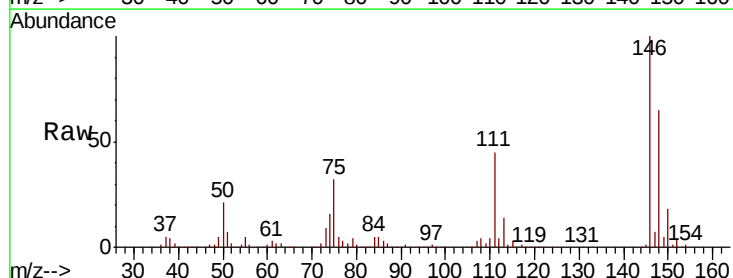
Tgt Ion:146 Resp: 449516

Ion Ratio Lower Upper

146 100

148 65.0 51.1 76.7

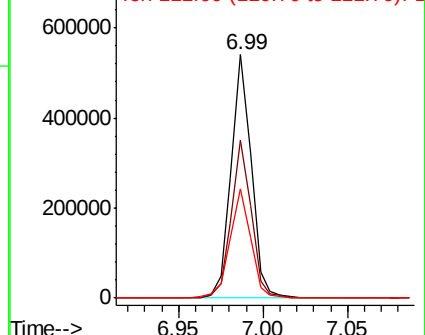
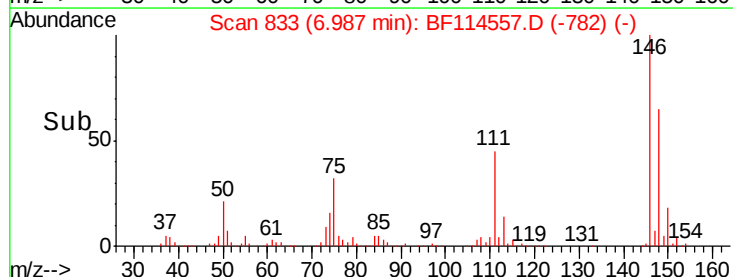
111 45.0 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.044 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

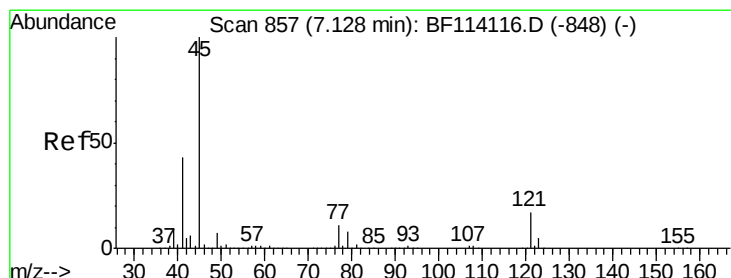
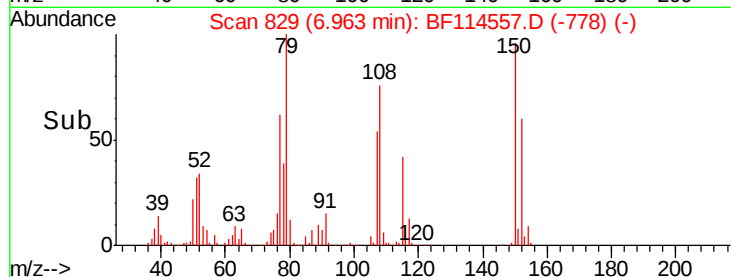
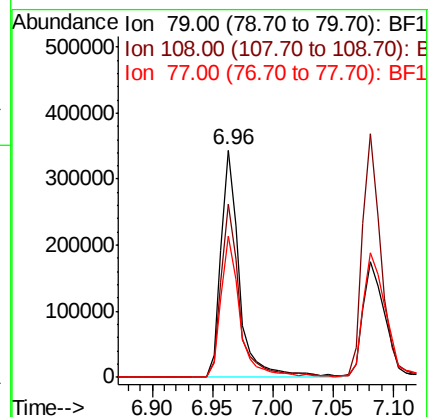
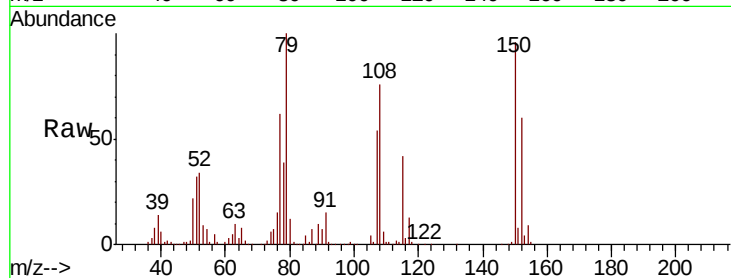
Tot Ion: 79 Resp: 361413

Ion Ratio Lower Upper

79 100

108 76.5 62.1 93.1

77 62.2 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.546 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

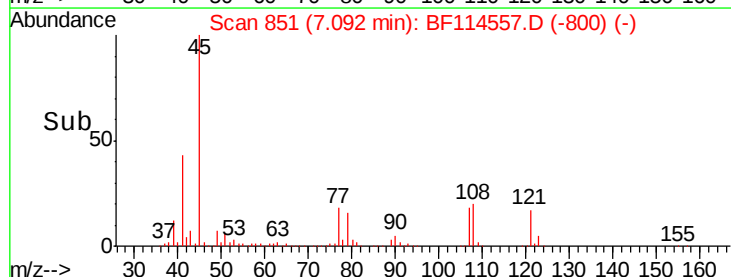
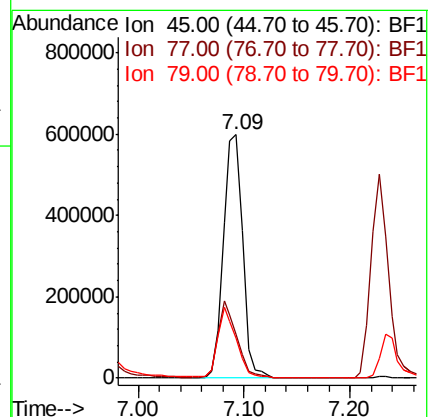
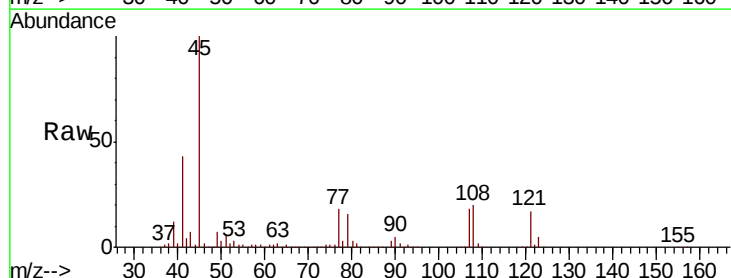
Tgt Ion: 45 Resp: 772402

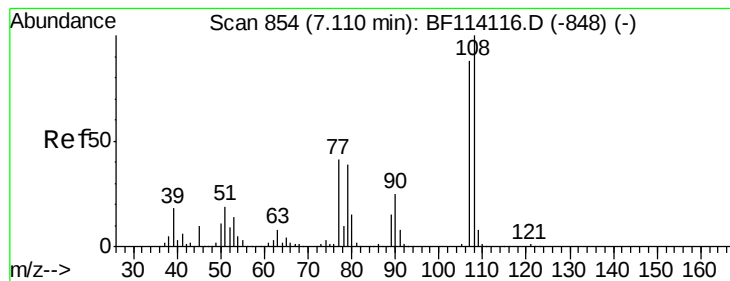
Ion Ratio Lower Upper

45 100

77 18.1 0.0 31.1

79 16.3 0.0 28.4





#17

2-Methylphenol

Concen: 39.718 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 340787

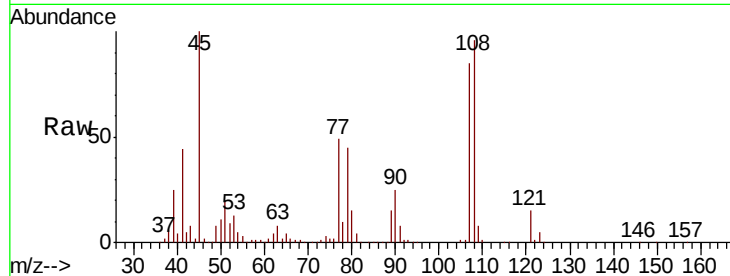
Ion Ratio Lower Upper

107 100

108 113.1 90.5 135.7

77 58.0 37.0 55.4#

79 53.5 35.8 53.8

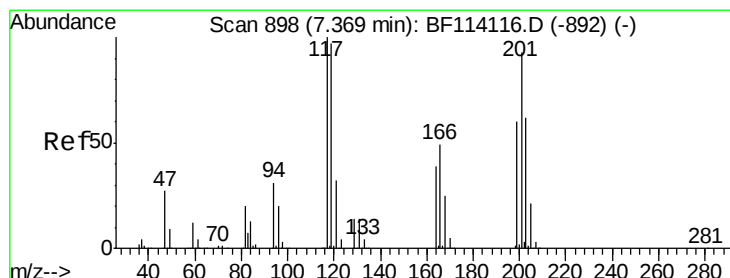
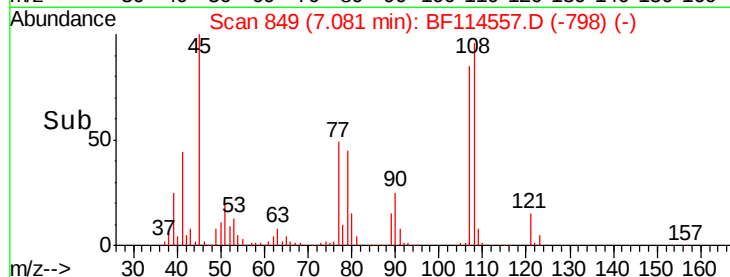
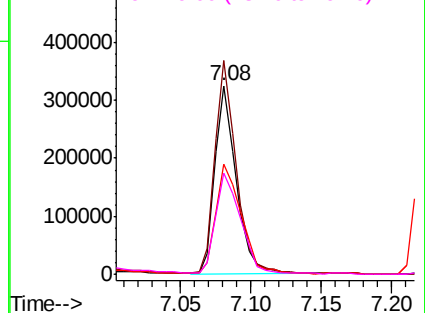


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.035 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

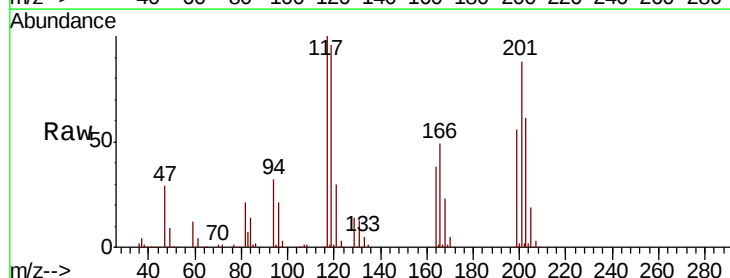
Tgt Ion:117 Resp: 177546

Ion Ratio Lower Upper

117 100

119 95.8 77.4 116.2

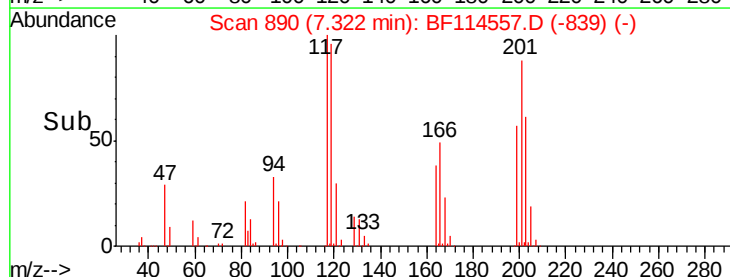
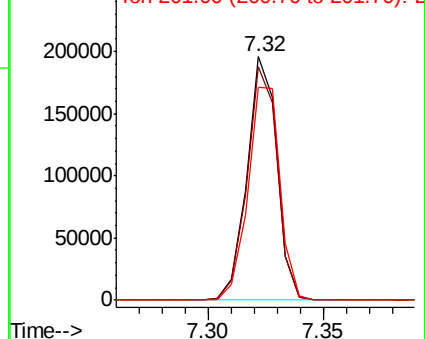
201 87.6 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

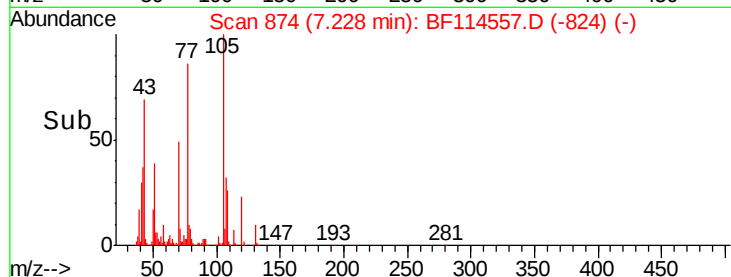
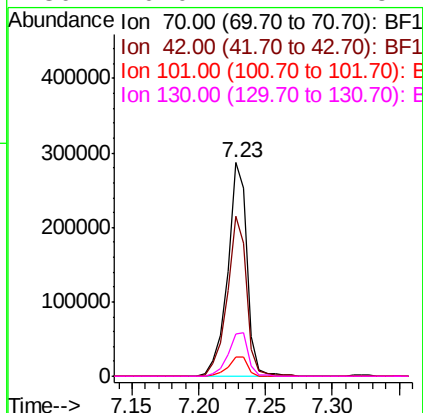
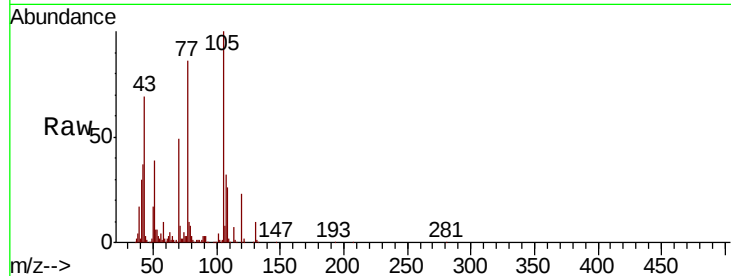




#19
n-Nitroso-di-n-propylamine
Concen: 40.223 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

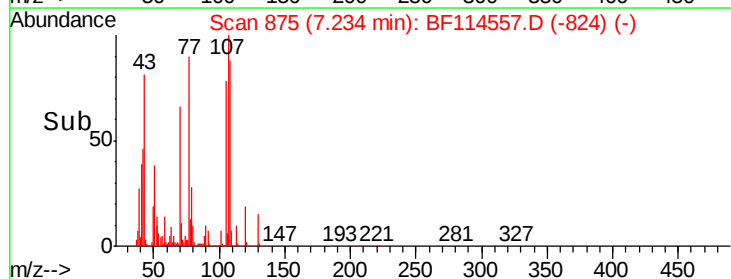
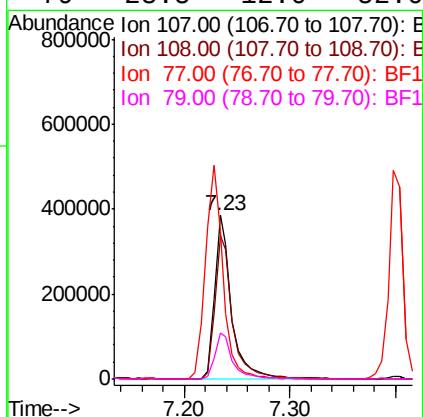
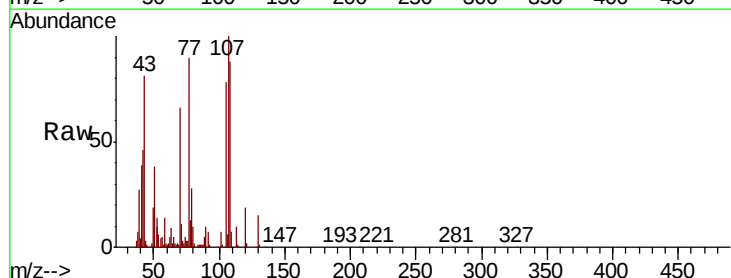
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

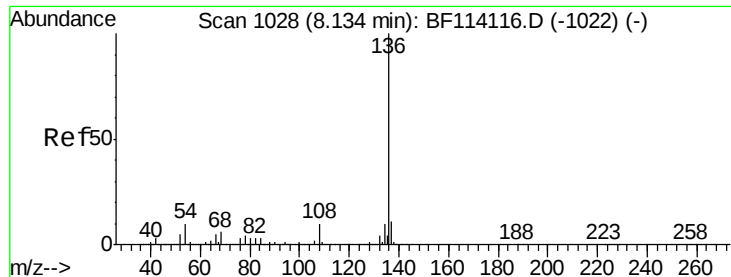
Tot Ion:	70	Resp:	295032
Ion	Ratio	Lower	Upper
70	100		
42	75.1	58.6	87.8
101	8.9	7.8	11.8
130	20.0	17.1	25.7



#20
3+4-Methylphenols
Concen: 43.820 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:	107	Resp:	434407
Ion	Ratio	Lower	Upper
107	100		
108	87.5	73.8	113.8
77	90.2	111.5	151.5#
79	28.5	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 625786

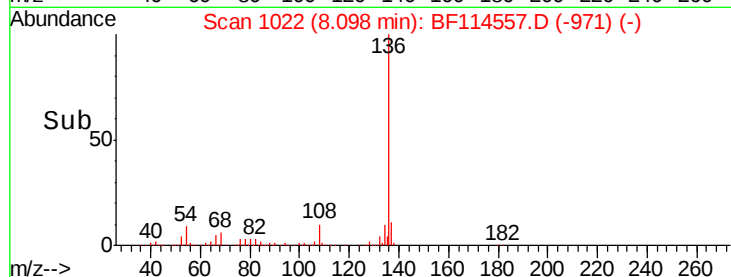
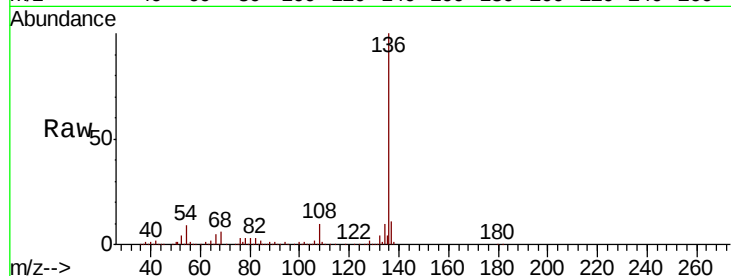
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.8 7.8 11.8

68 5.7 5.1 7.7

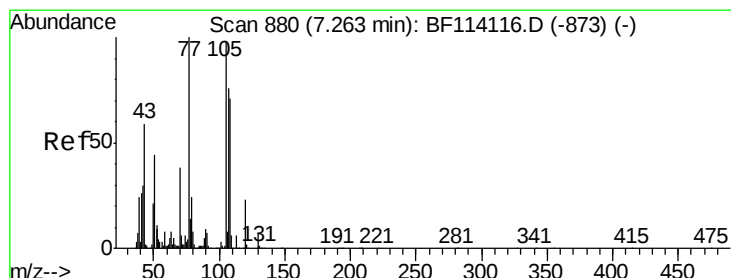
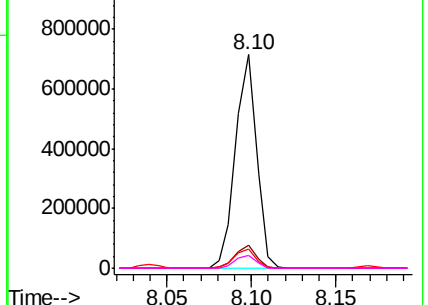


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.672 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:105 Resp: 577704

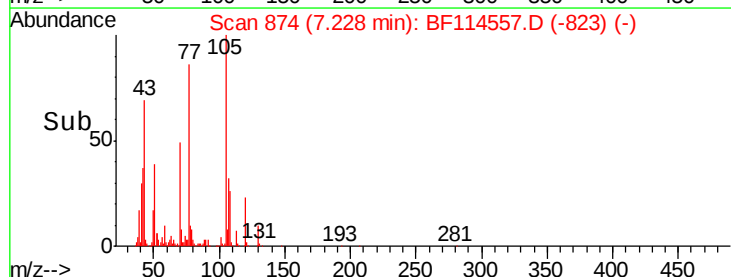
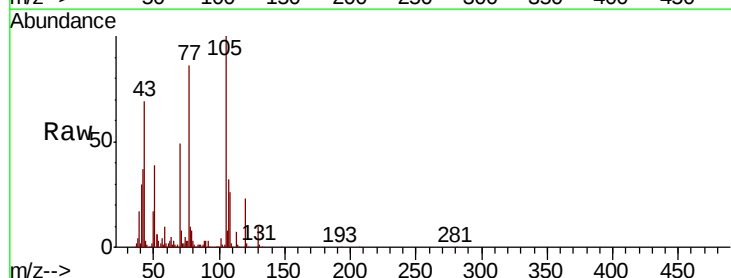
Ion Ratio Lower Upper

105 100

71 8.0 5.3 7.9#

51 39.4 36.2 54.4

120 22.8 18.6 28.0

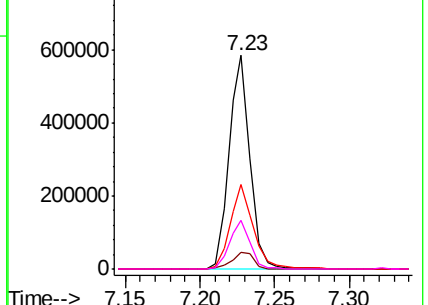


Abundance Ion 105.00 (104.70 to 105.70): E

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

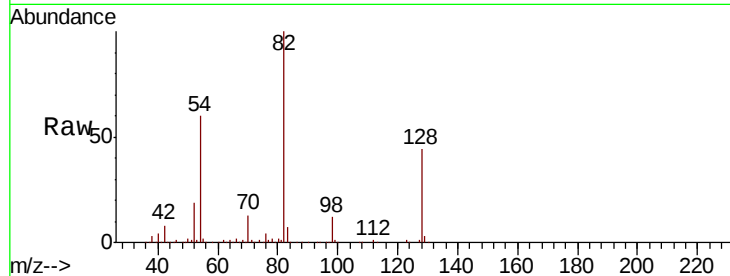




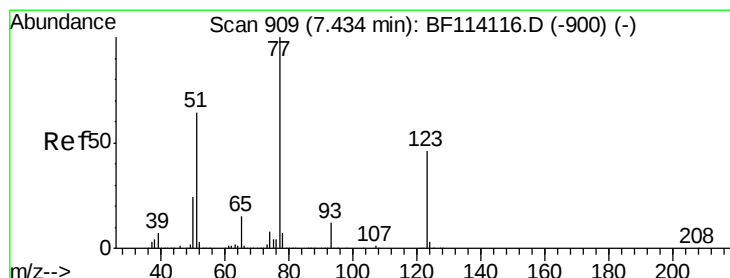
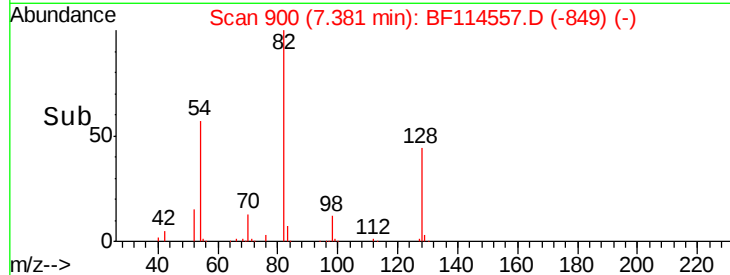
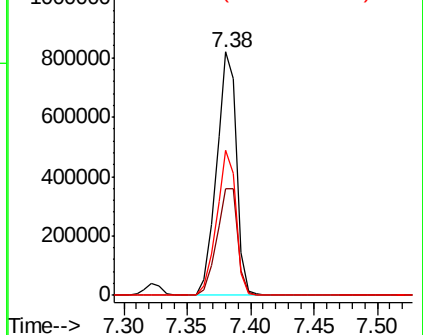
#23
Nitrobenzene-d5
Concen: 81.035 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	903610
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.5	53.3
54	59.8	48.5	72.7

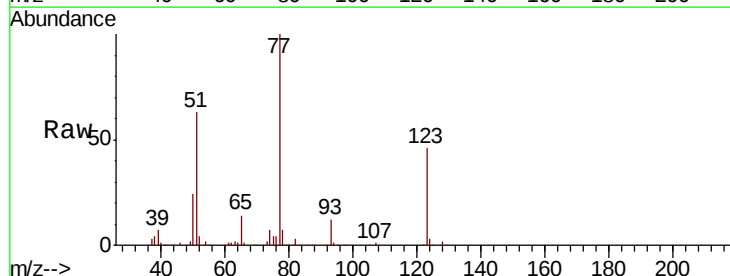


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

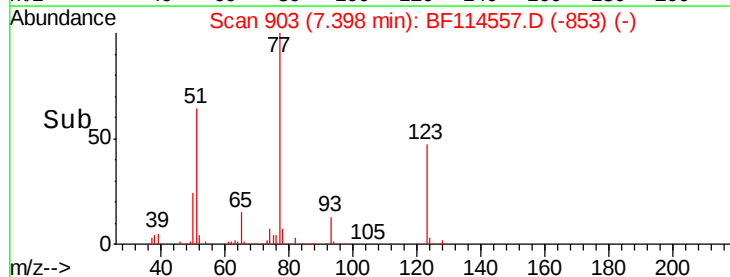
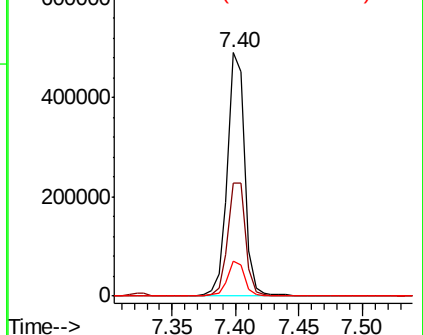


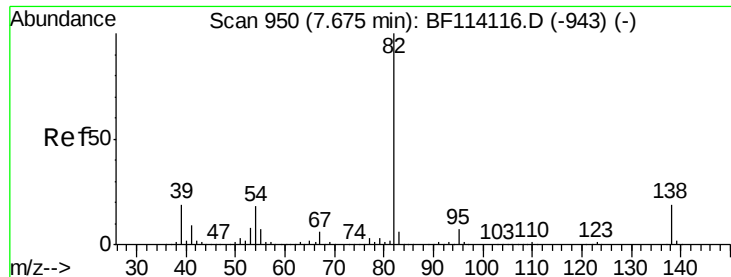
#24
Nitrobenzene
Concen: 40.818 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	77	Resp	463581
Ion Ratio	Lower	Upper	
77	100		
123	46.2	36.9	55.3
65	14.2	11.8	17.6



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





#25

Isophorone

Concen: 39.687 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

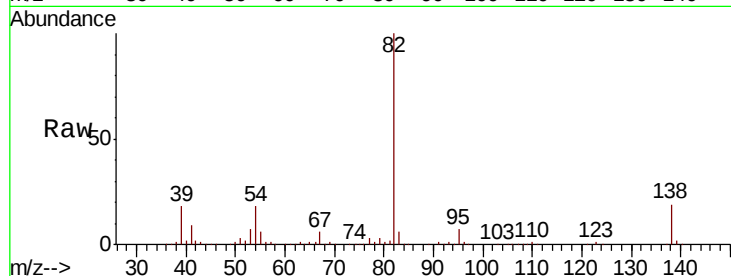
Tot Ion: 82 Resp: 820740

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

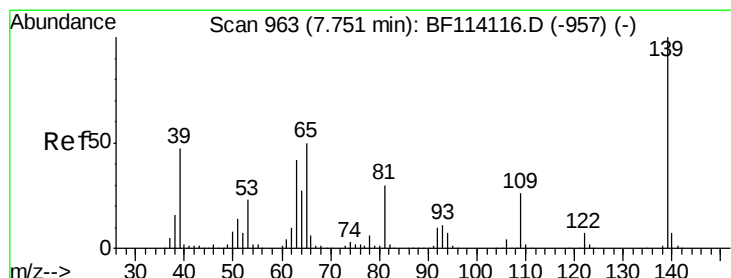
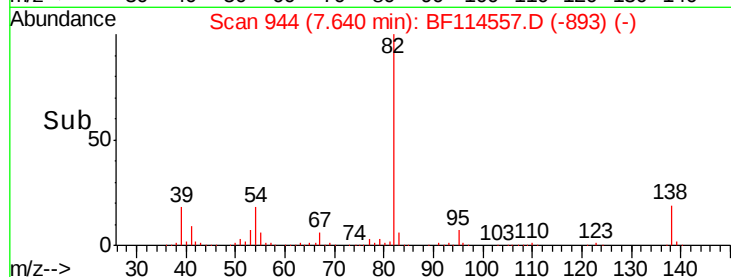
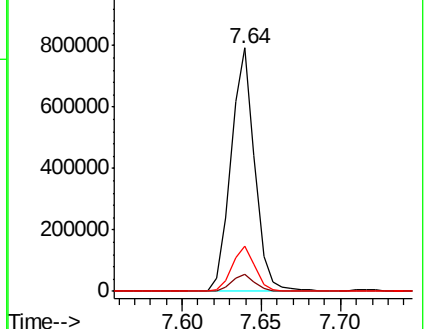
138 18.5 14.8 22.2



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: 42.101 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

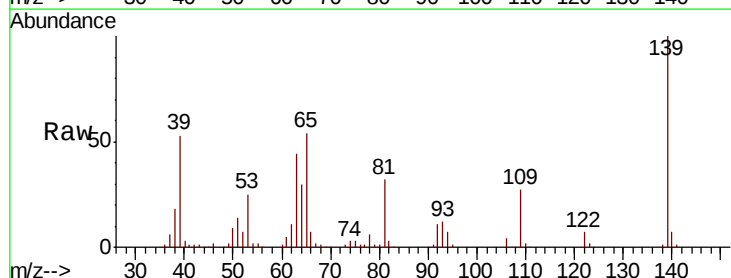
Tgt Ion: 139 Resp: 231982

Ion Ratio Lower Upper

139 100

109 27.5 20.7 31.1

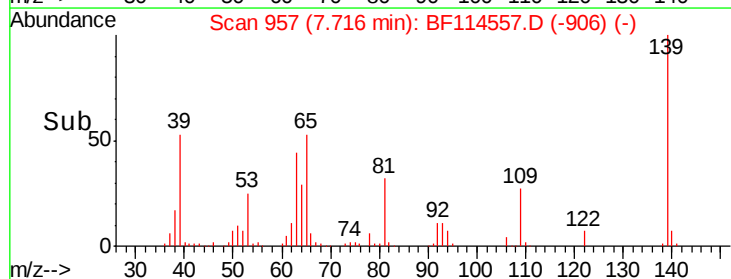
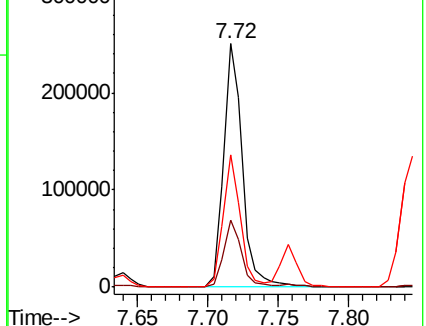
65 54.2 40.2 60.2

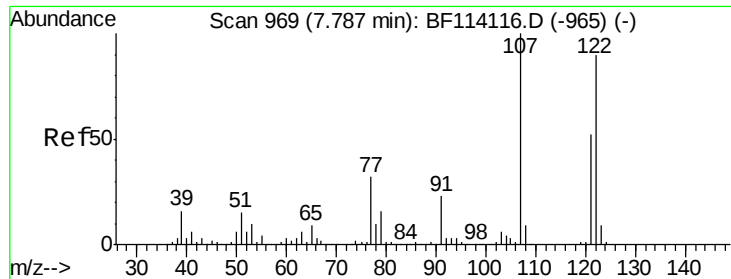


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.427 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

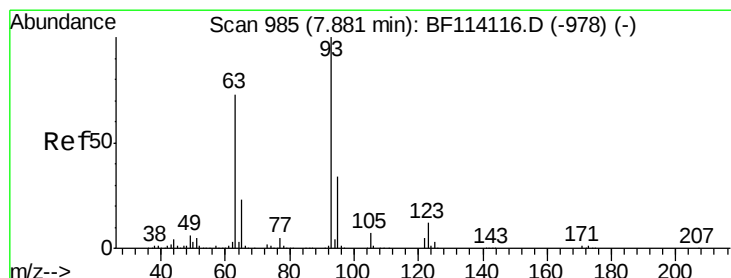
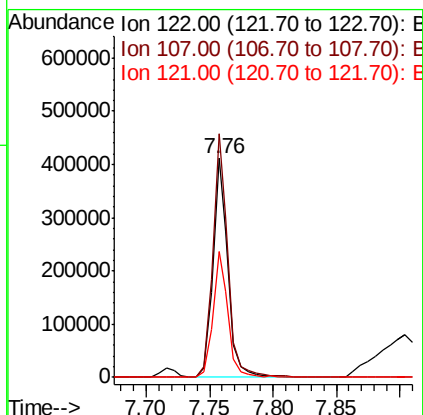
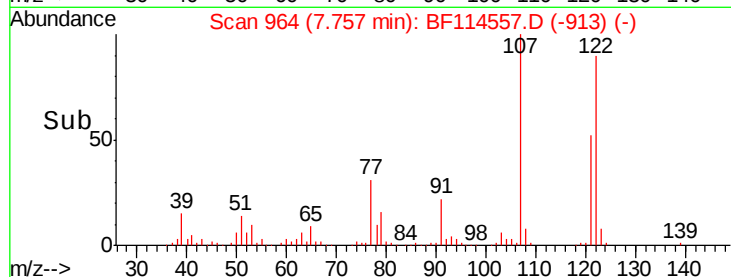
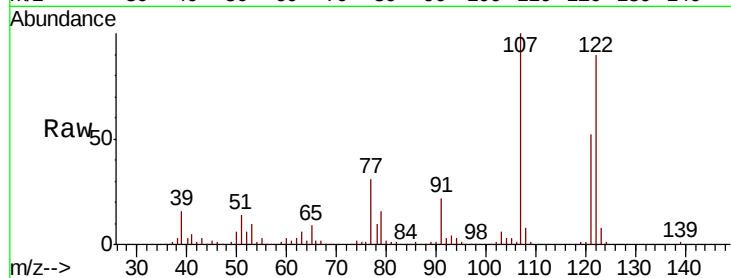
Tot Ion:122 Resp: 341205

Ion Ratio Lower Upper

122 100

107 111.2 88.4 132.6

121 57.7 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.047 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

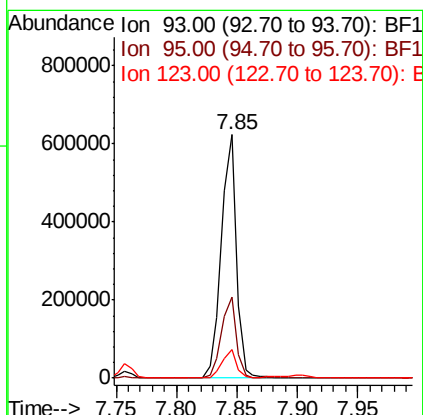
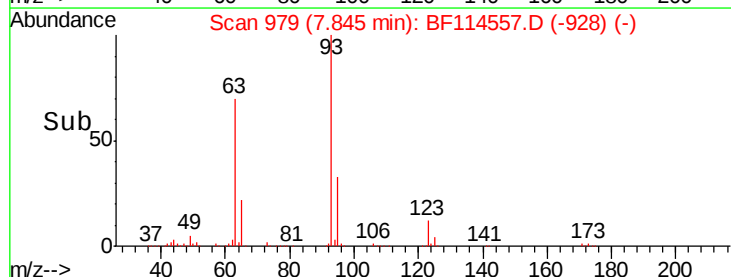
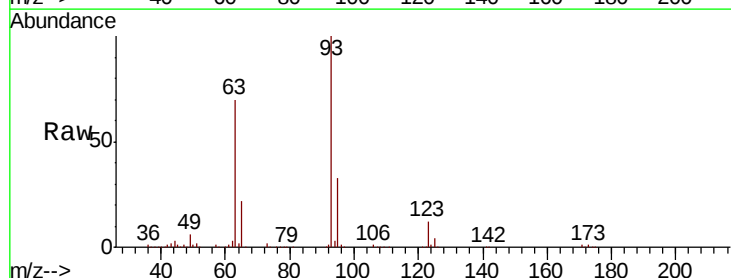
Tgt Ion: 93 Resp: 537363

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

123 11.9 9.5 14.3

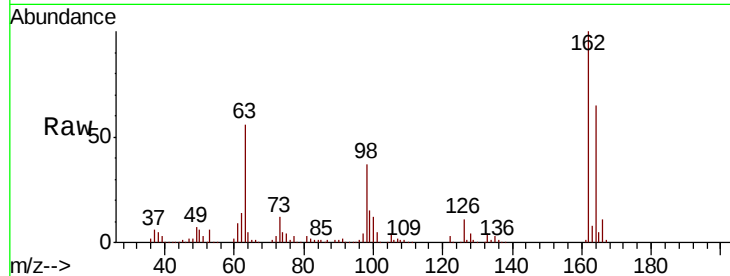




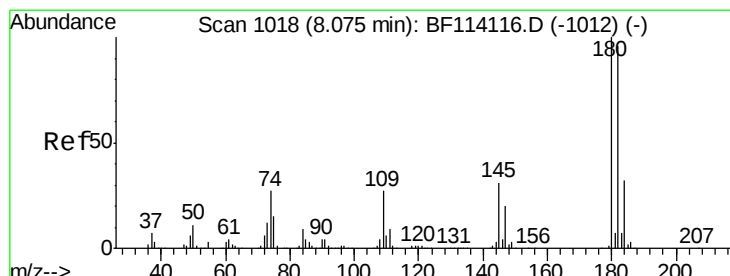
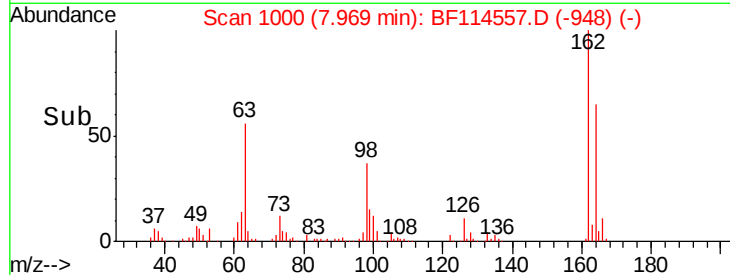
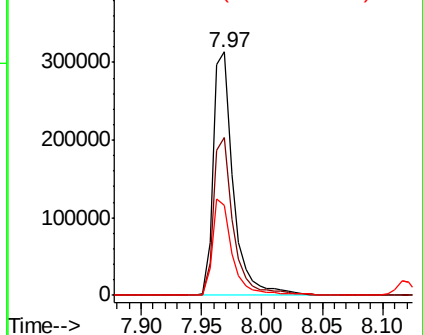
#29
2,4-Dichlorophenol
Concen: 41.357 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.6	83.6
98	36.9	20.6	60.6

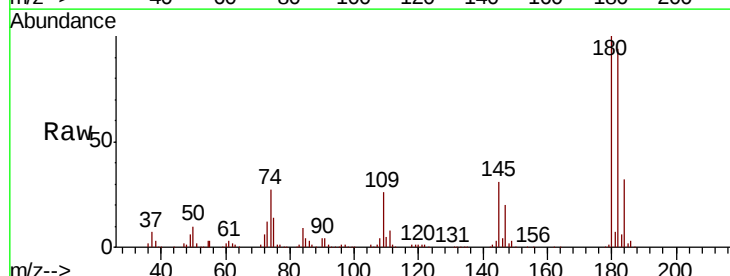


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

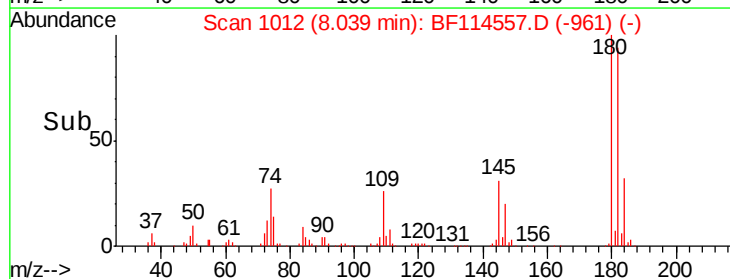
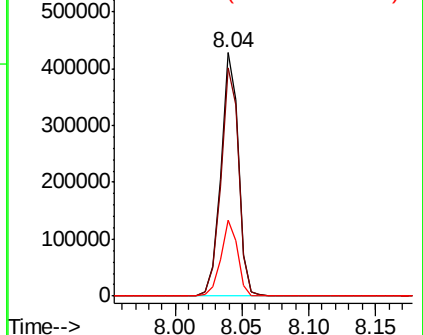


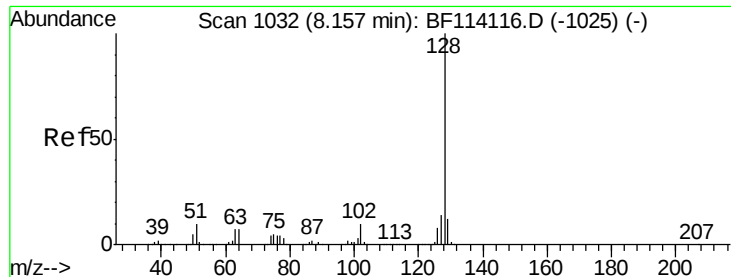
#30
1,2,4-Trichlorobenzene
Concen: 40.602 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.6	114.8
145	31.1	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

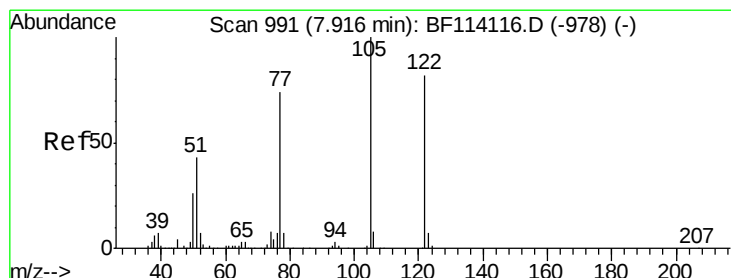
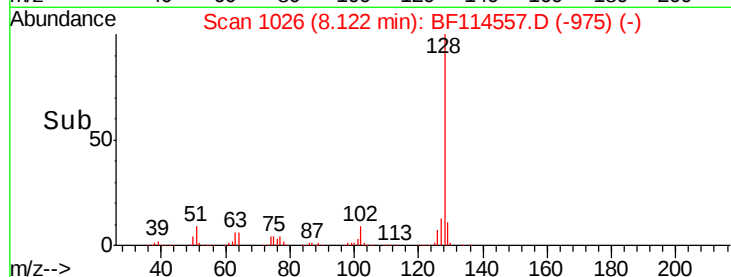
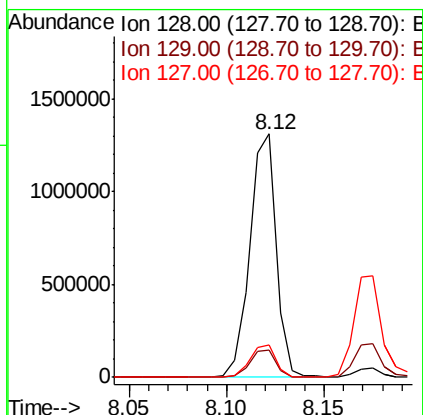
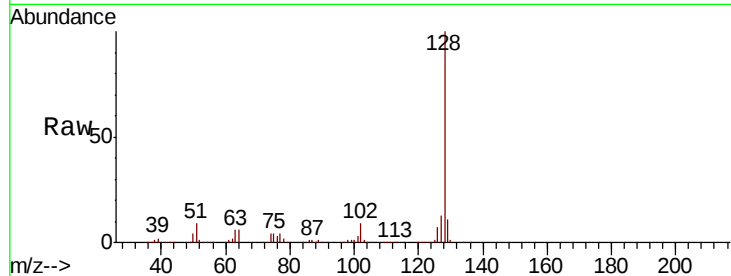




#31
Naphthalene
Concen: 42.115 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

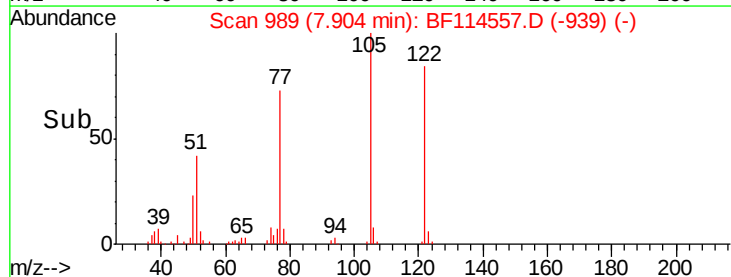
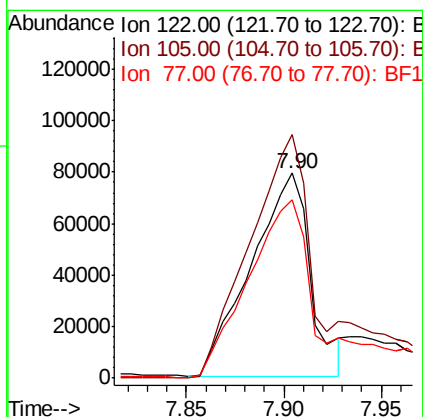
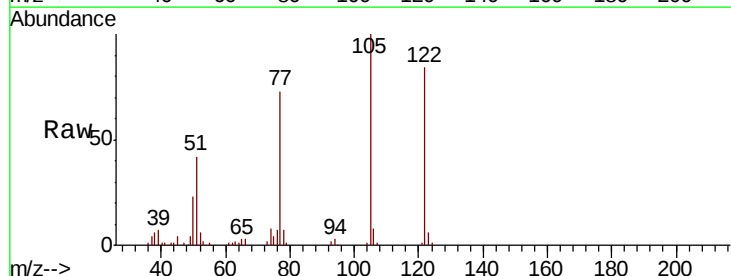
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1231076
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.3 11.3 16.9



#32
Benzoic acid
Concen: 30.061 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:122 Resp: 166532
Ion Ratio Lower Upper
122 100
105 118.7 99.9 139.9
77 86.8 69.4 109.4

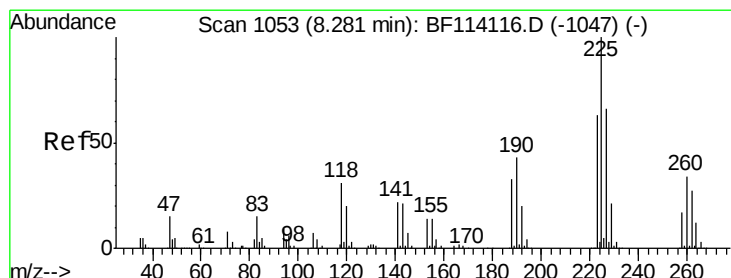
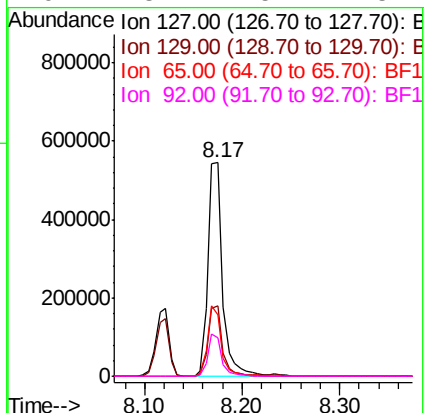
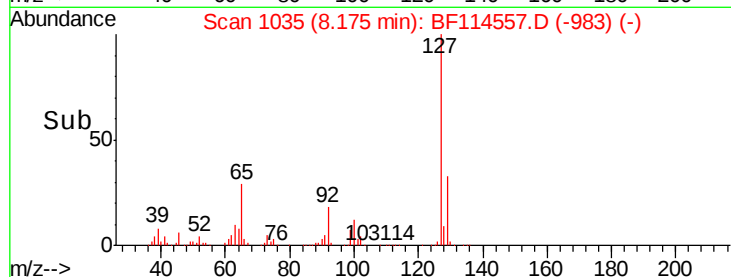
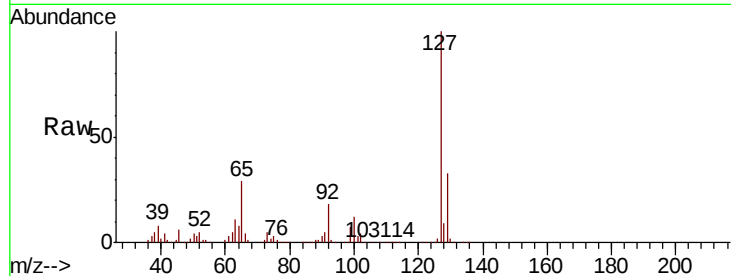




#33
4-Chloroaniline
Concen: 42.687 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

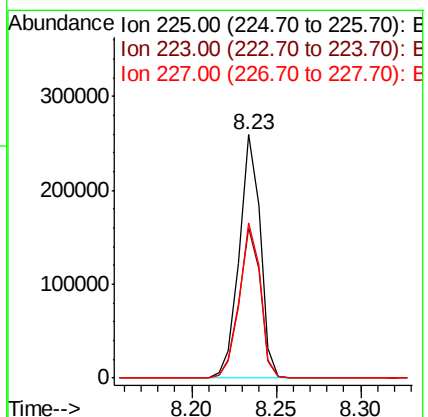
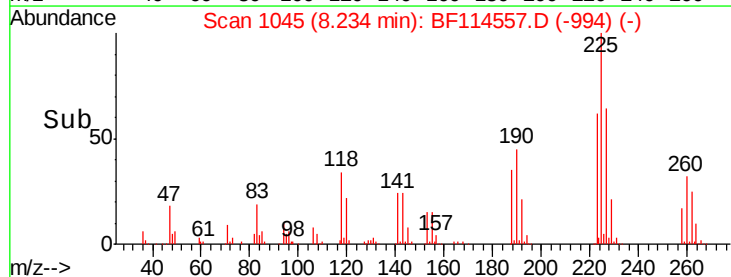
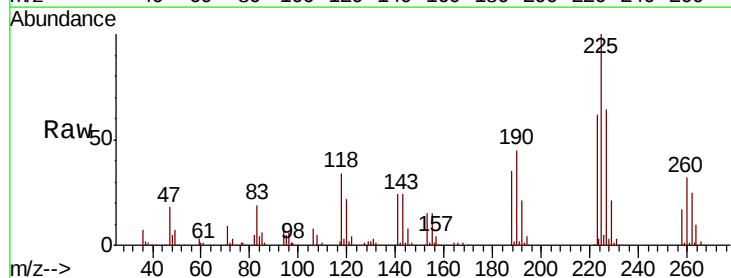
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

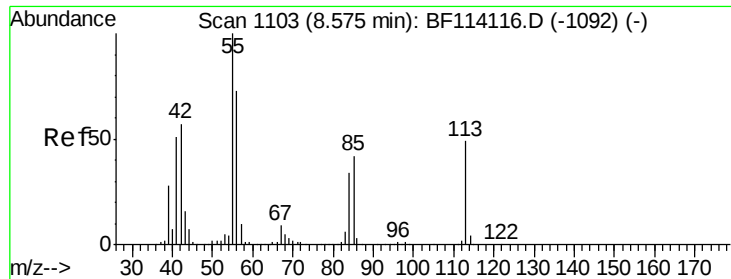
Tot Ion:	127	Resp:	568610
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	28.8	25.4	38.0
92	18.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.354 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:	225	Resp:	224995
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	63.7	52.6	79.0

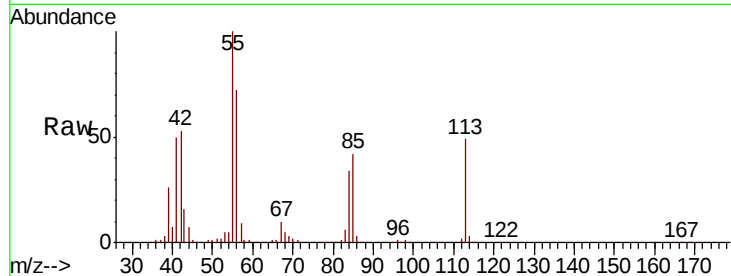




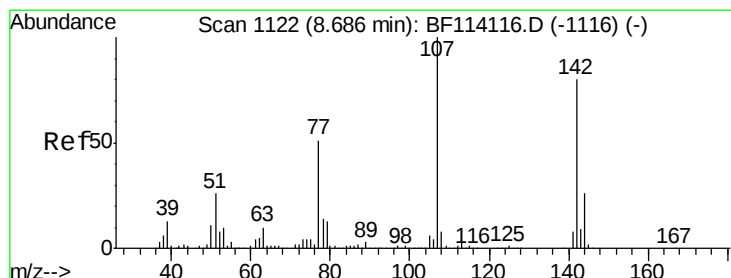
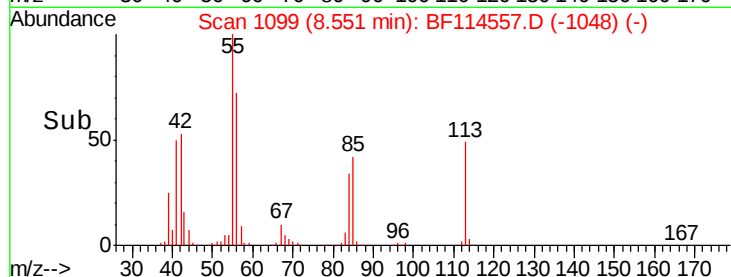
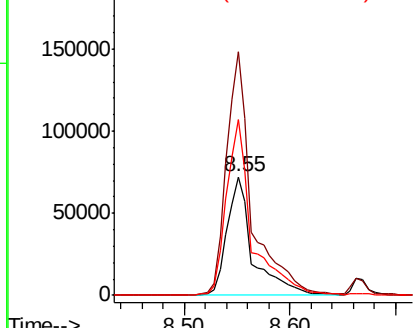
#35
 Caprolactam
 Concen: 43.584 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 122468
 Ion Ratio Lower Upper
 113 100
 55 205.5 183.5 223.5
 56 148.0 128.8 168.8

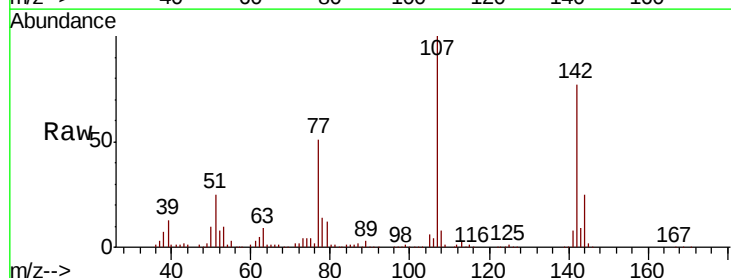


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

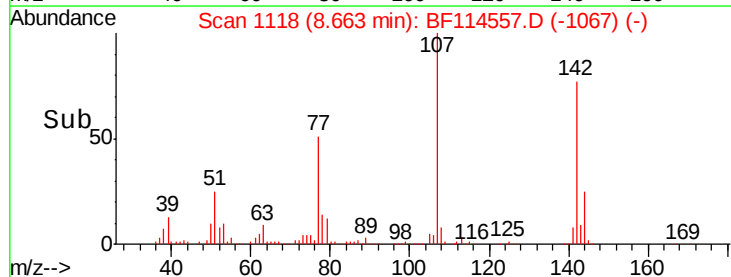
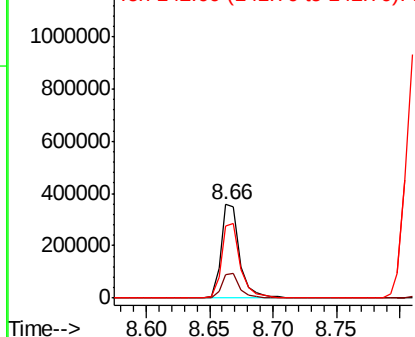


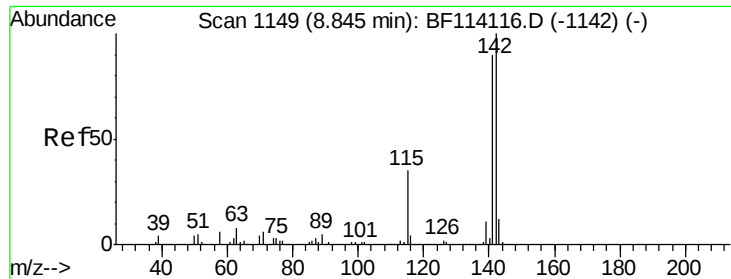
#36
 4-Chloro-3-methylphenol
 Concen: 42.928 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion:107 Resp: 372361
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.4 30.6
 142 76.8 64.2 96.4



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

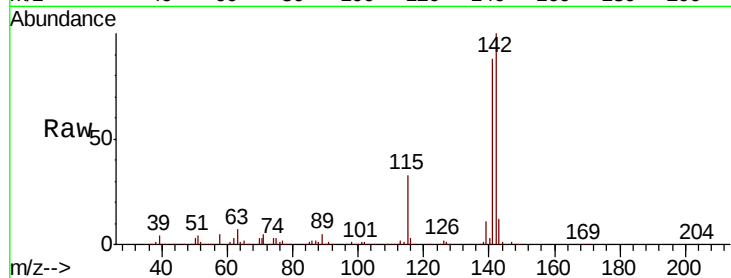




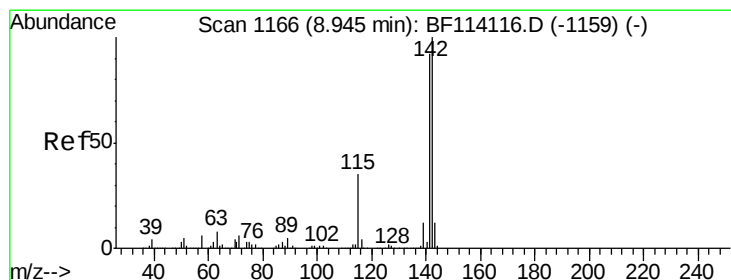
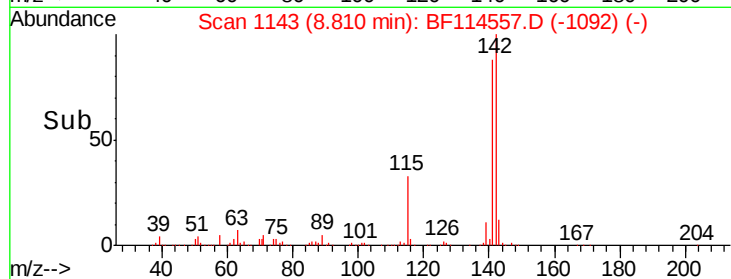
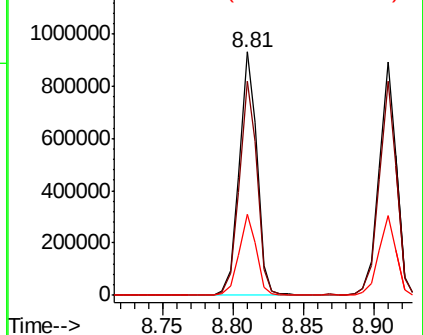
#37
 2-Methylnaphthalene
 Concen: 43.078 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Tot Ion:142 Resp: 812452
 Ion Ratio Lower Upper
 142 100
 141 87.9 72.1 108.1
 115 33.3 28.0 42.0

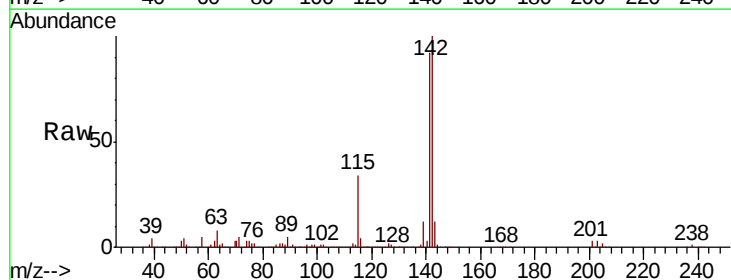


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

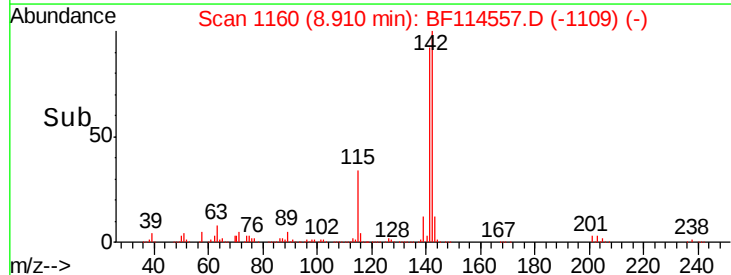
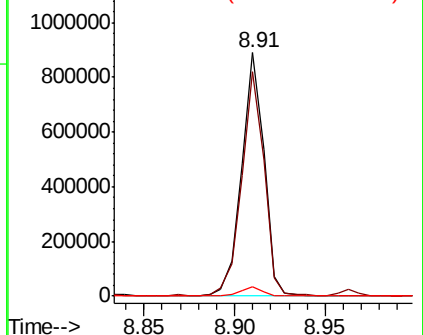


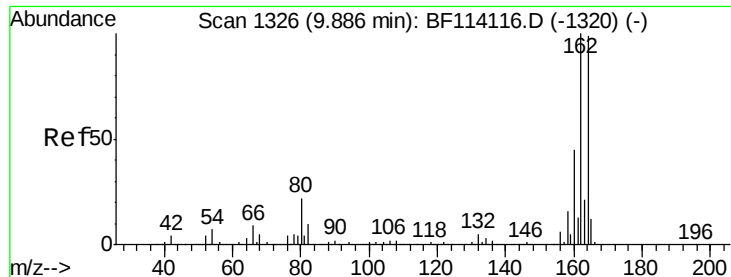
#38
 1-Methylnaphthalene
 Concen: 42.742 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion:142 Resp: 759137
 Ion Ratio Lower Upper
 142 100
 141 92.2 73.4 110.0
 116 3.7 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

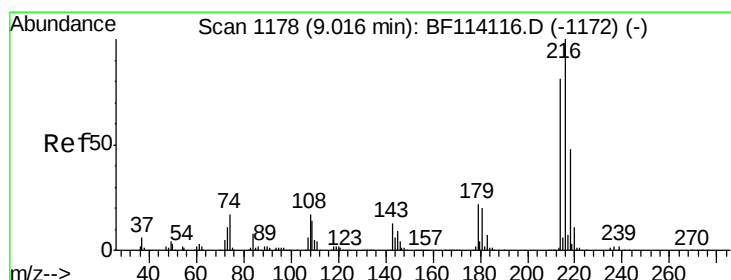
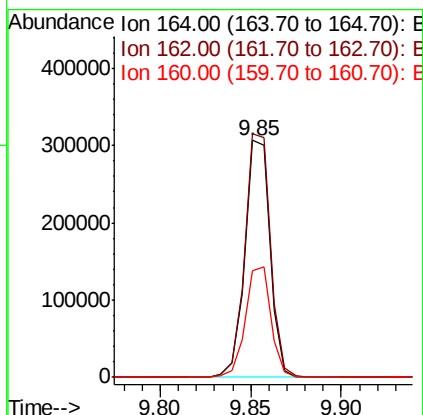
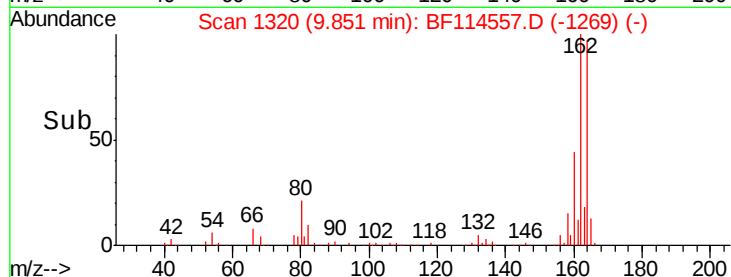
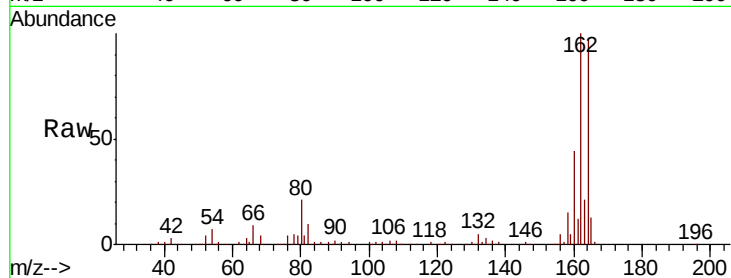
Tot Ion:164 Resp: 295613

Ion Ratio Lower Upper

164 100

162 102.8 80.6 120.8

160 44.9 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.568 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Tgt Ion:216 Resp: 372235

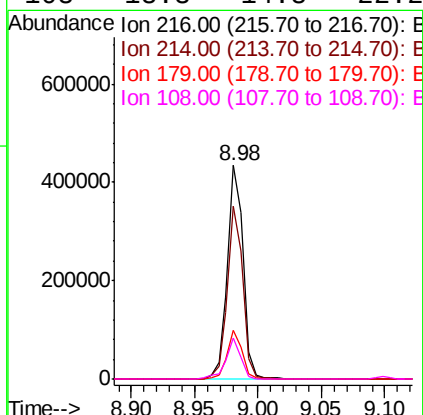
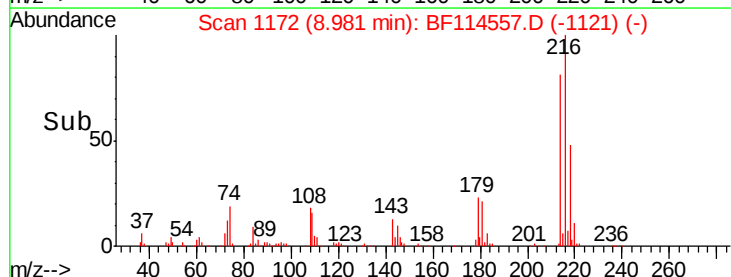
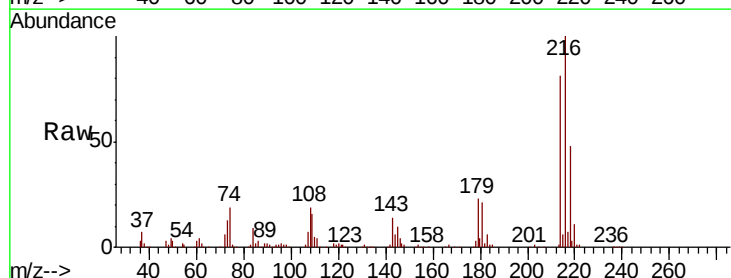
Ion Ratio Lower Upper

216 100

214 79.4 63.9 95.9

179 21.2 17.0 25.6

108 18.3 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 33.666 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

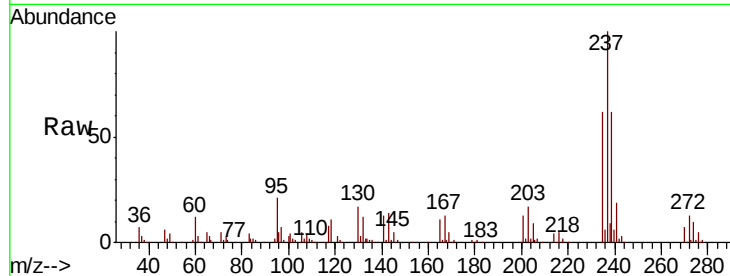
Tot Ion:237 Resp: 129406

Ion Ratio Lower Upper

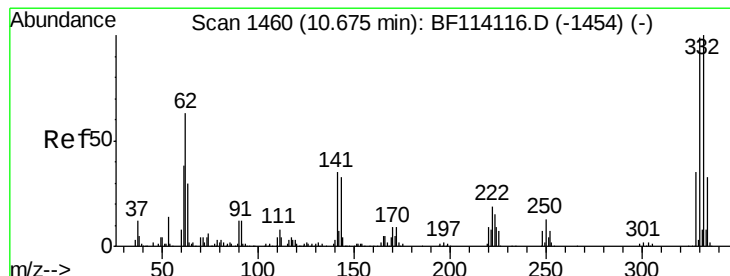
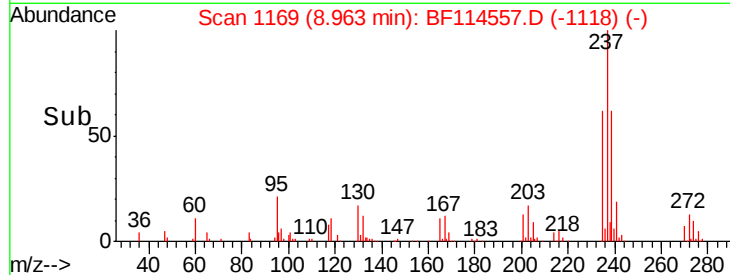
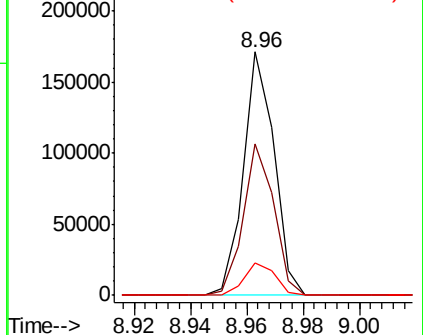
237 100

235 62.0 42.0 82.0

272 13.2 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: 75.994 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

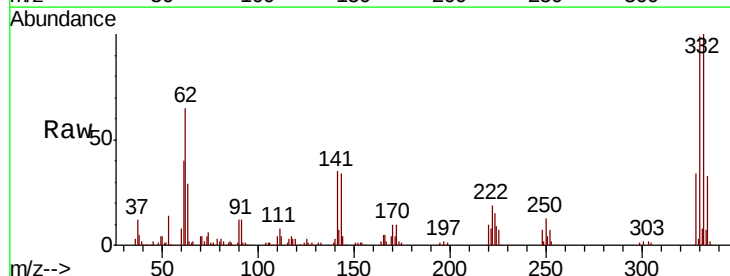
Tgt Ion:330 Resp: 232248

Ion Ratio Lower Upper

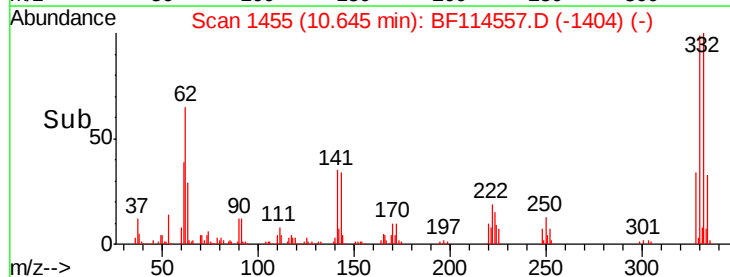
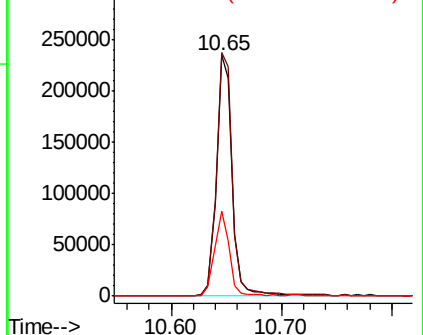
330 100

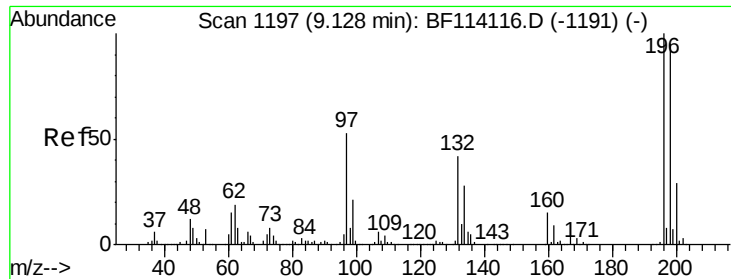
332 103.1 81.4 122.2

141 33.1 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

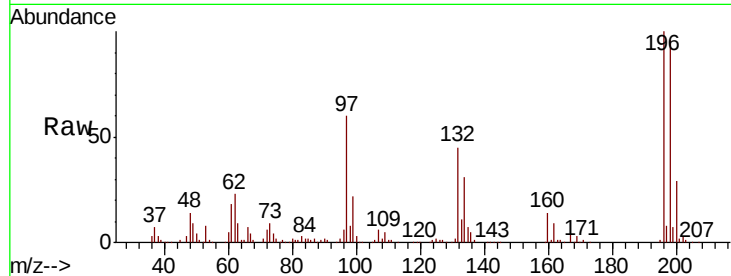




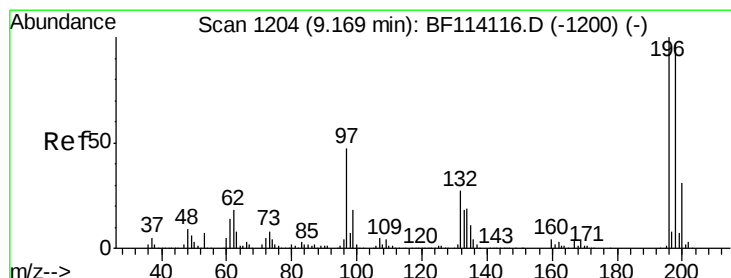
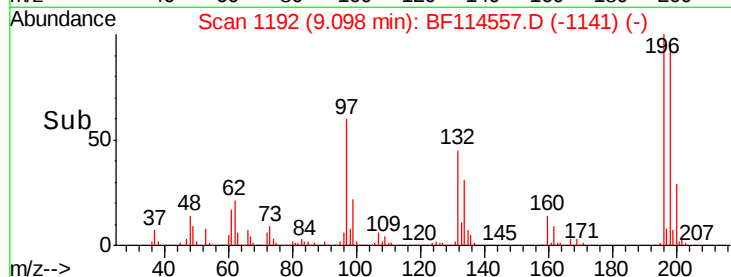
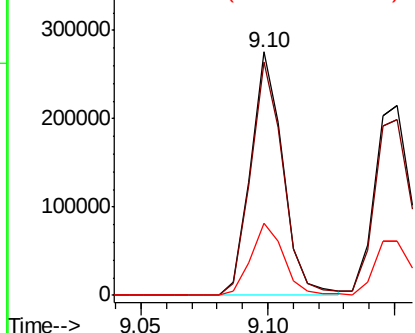
#43
 2,4,6-Trichlorophenol
 Concen: 39.816 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 245241
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.9 113.9
 200 29.5 23.5 35.3

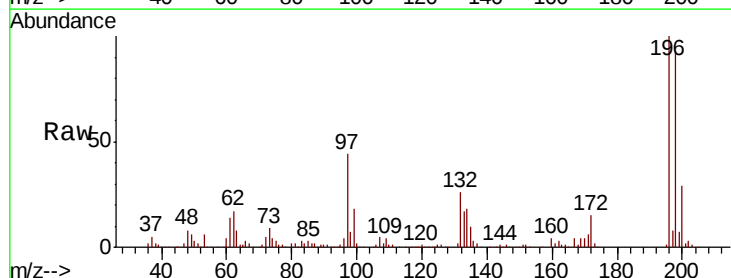


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

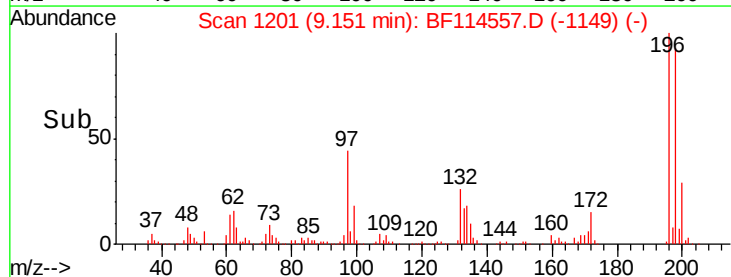
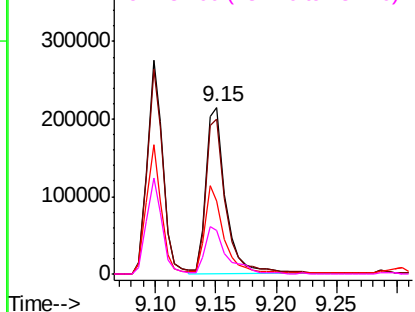


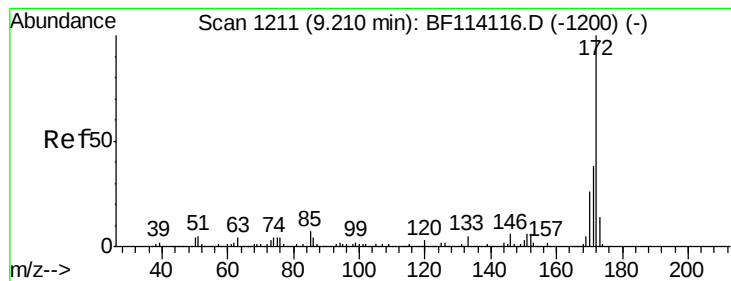
#44
 2,4,5-Trichlorophenol
 Concen: 38.575 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion:196 Resp: 243667
 Ion Ratio Lower Upper
 196 100
 198 92.6 77.7 116.5
 97 44.0 38.2 57.2
 132 26.0 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: 80.948 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

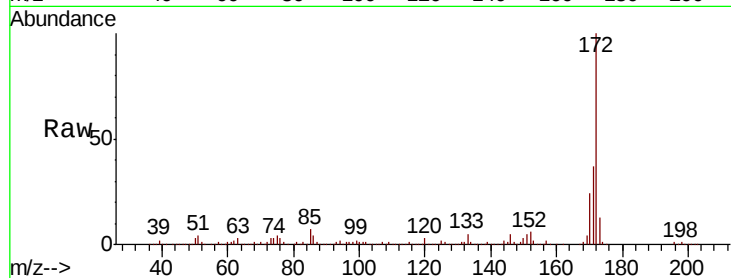
Tot Ion:172 Resp: 1581936

Ion Ratio Lower Upper

172 100

171 36.8 30.7 46.1

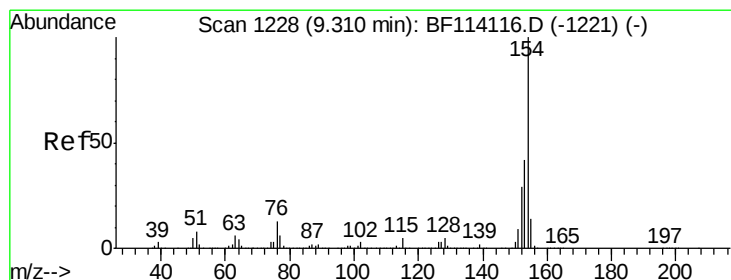
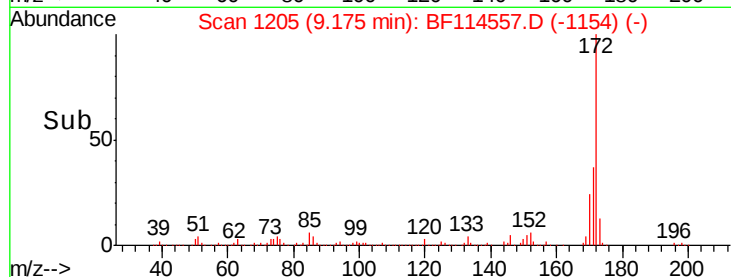
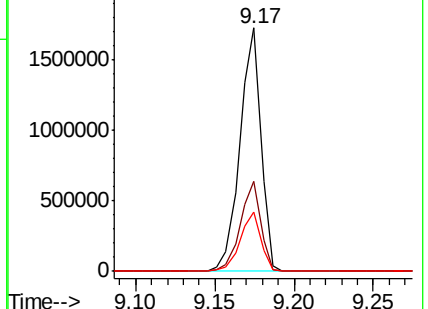
170 24.5 20.5 30.7



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: 41.577 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

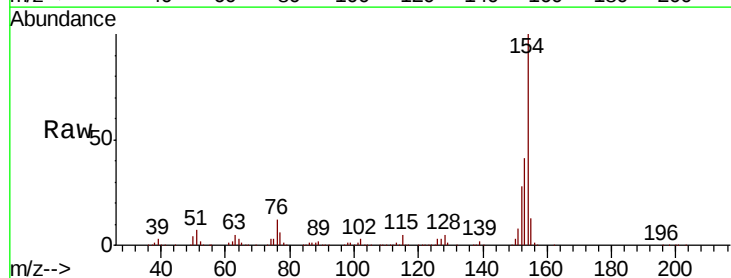
Tgt Ion:154 Resp: 992915

Ion Ratio Lower Upper

154 100

153 40.9 21.9 61.9

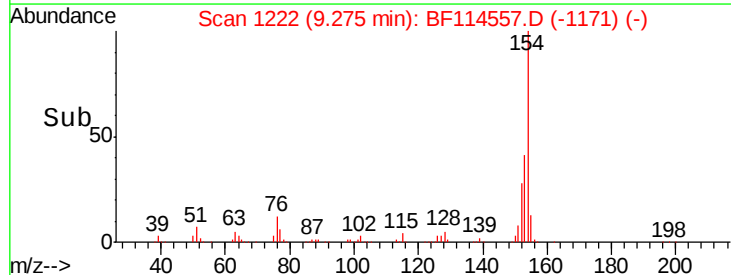
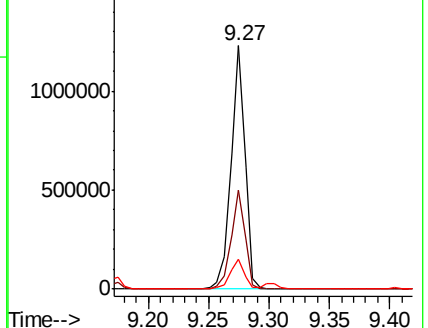
76 12.2 0.0 32.8

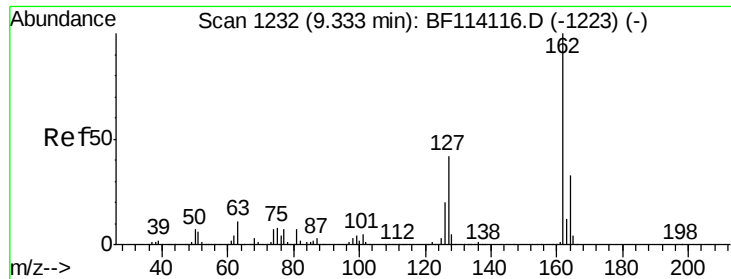


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

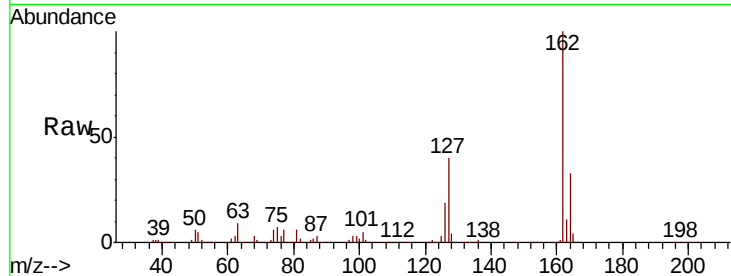




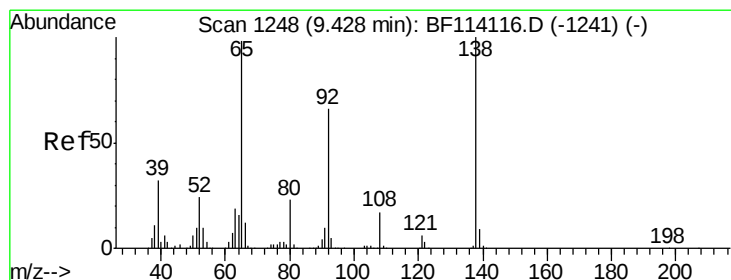
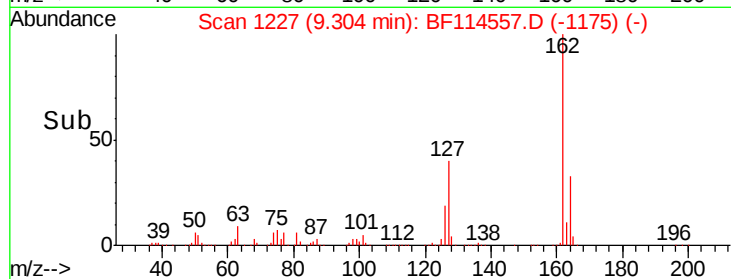
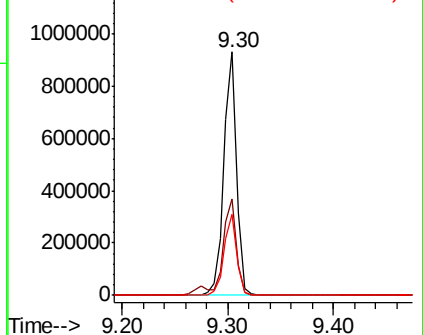
#47
 2-Chloronaphthalene
 Concen: 40.946 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	34.0	51.0
164	33.2	26.7	40.1

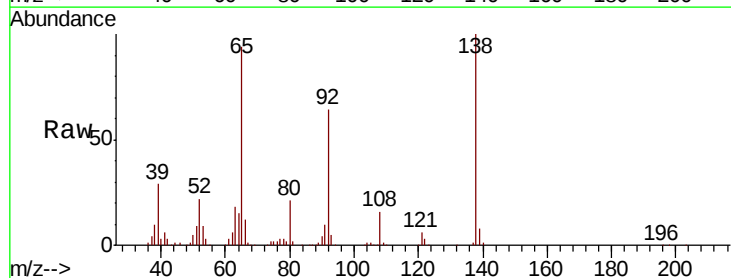


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

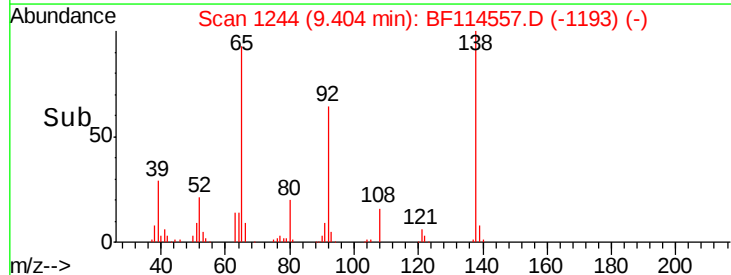
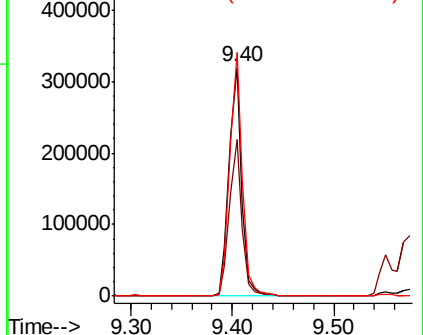


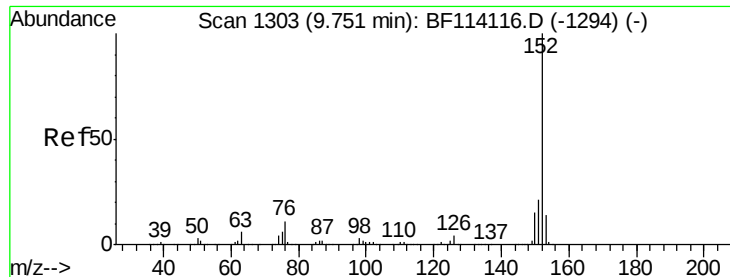
#48
 2-Nitroaniline
 Concen: 41.134 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.9	80.9
138	106.7	81.4	122.0



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





#49

Acenaphthylene

Concen: 41.450 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

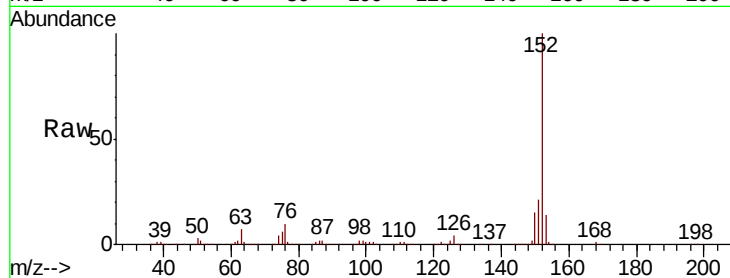
Tot Ion:152 Resp: 1211670

Ion Ratio Lower Upper

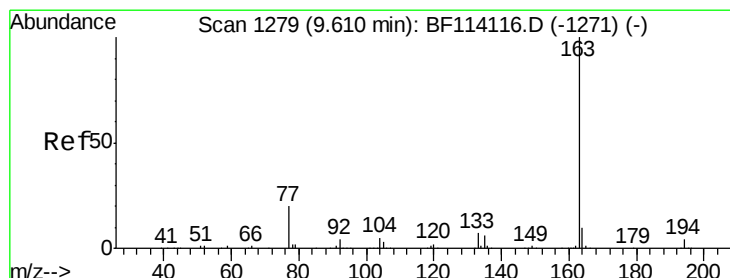
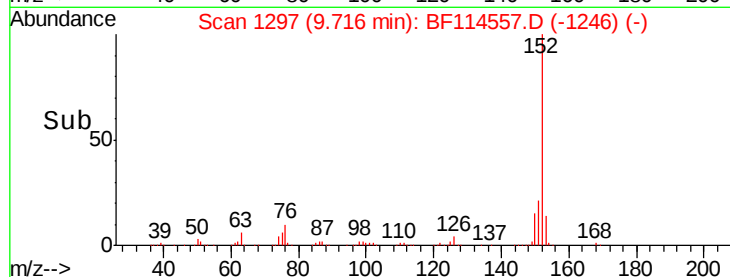
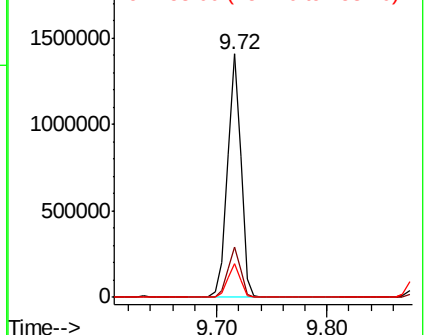
152 100

151 20.7 16.8 25.2

153 13.7 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: 40.430 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

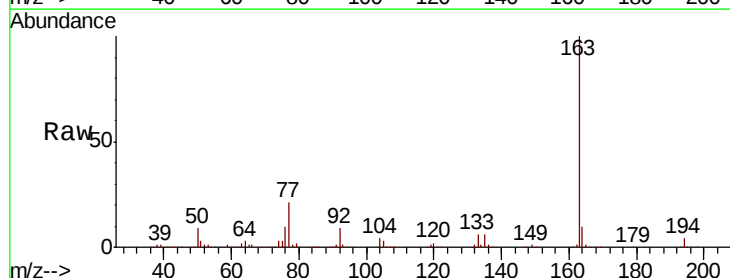
Tgt Ion:163 Resp: 877356

Ion Ratio Lower Upper

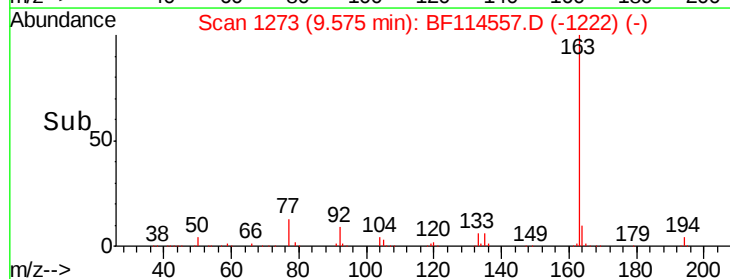
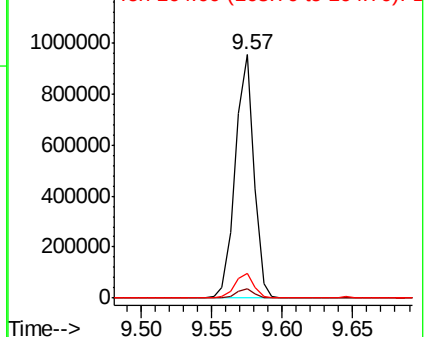
163 100

194 4.0 3.4 5.0

164 10.3 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: 40.745 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

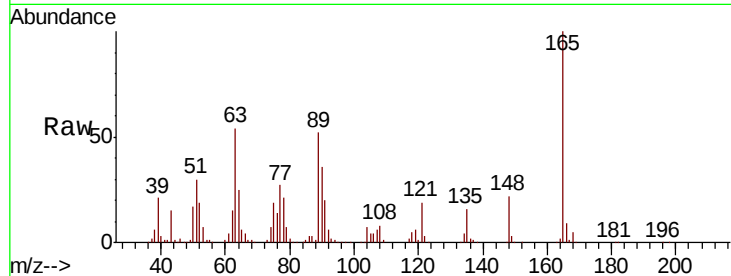
Tot Ion:165 Resp: 196114

Ion Ratio Lower Upper

165 100

63 54.4 50.2 75.4

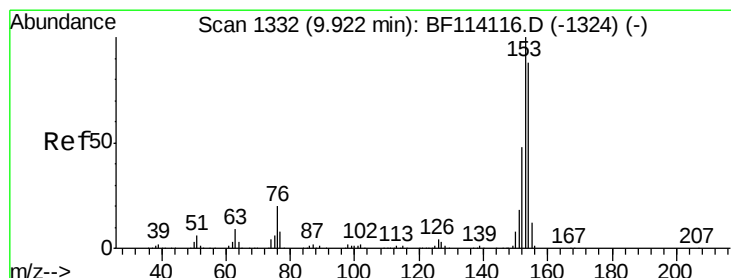
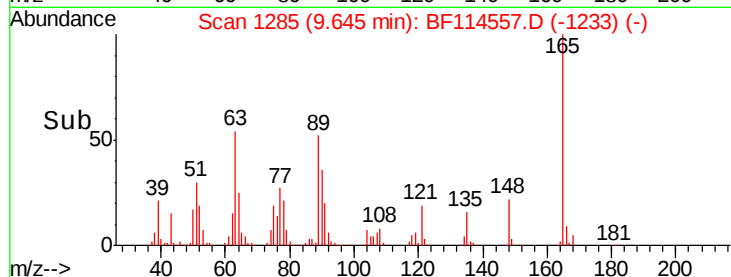
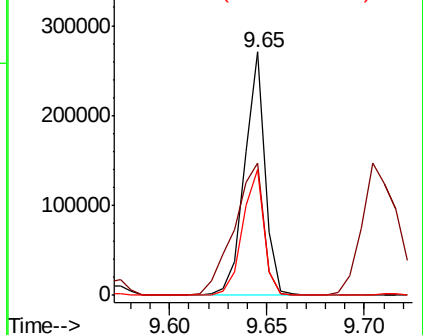
89 51.8 46.6 69.8



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: 40.113 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

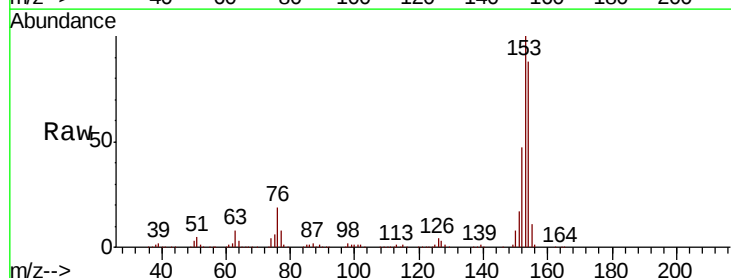
Tgt Ion:154 Resp: 719544

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

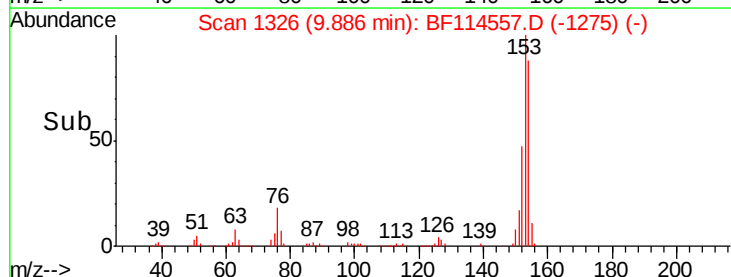
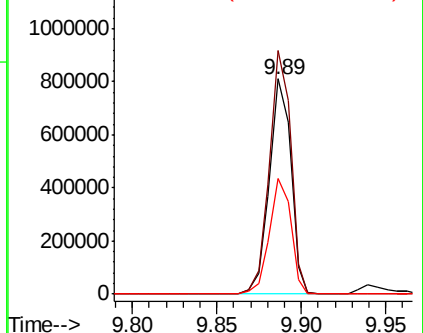
152 53.6 43.4 65.2



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

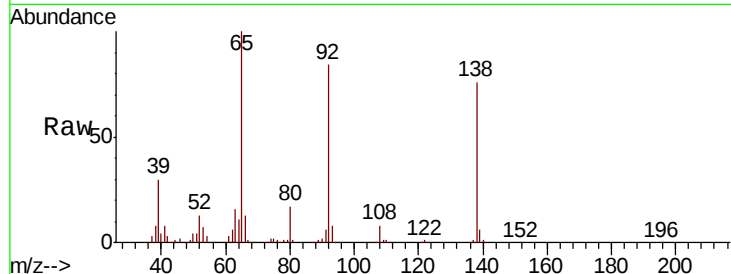




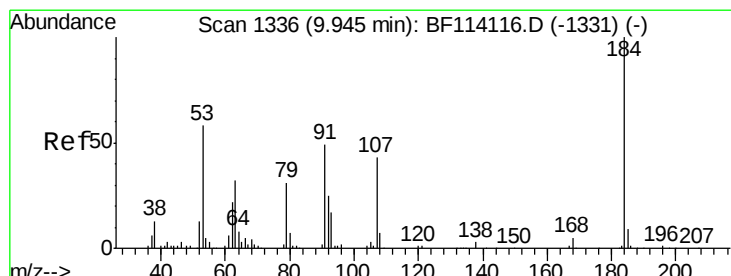
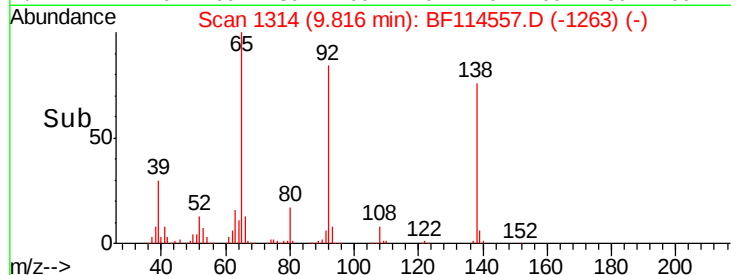
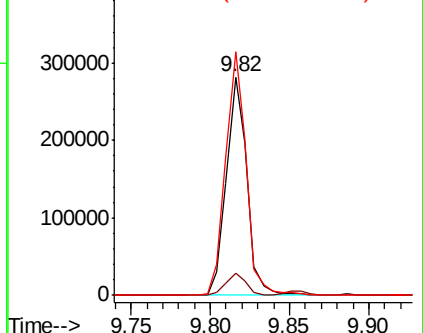
#53
3-Nitroaniline
Concen: 42.289 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 252671
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 111.5 91.2 136.8

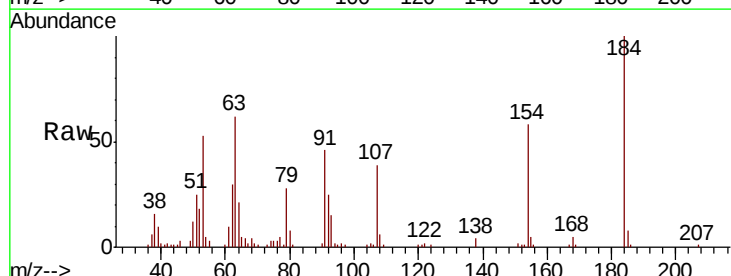


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

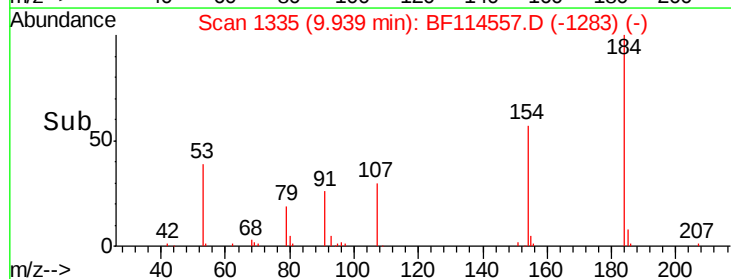
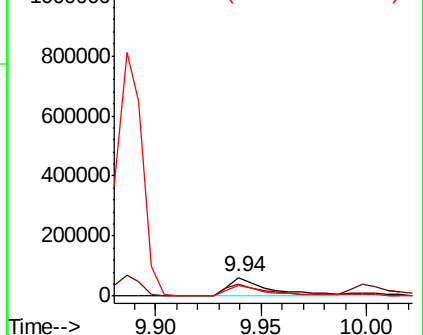


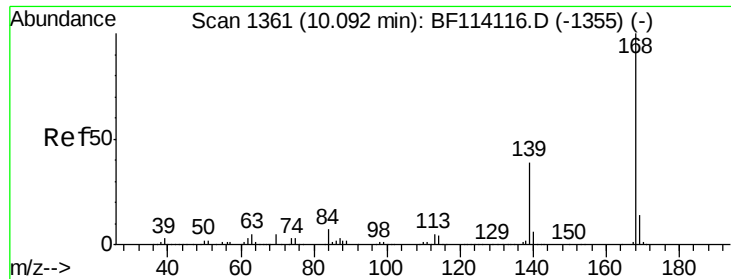
#54
2,4-Dinitrophenol
Concen: 38.666 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:184 Resp: 84370
Ion Ratio Lower Upper
184 100
63 61.8 55.6 83.4
154 57.8 46.0 69.0



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

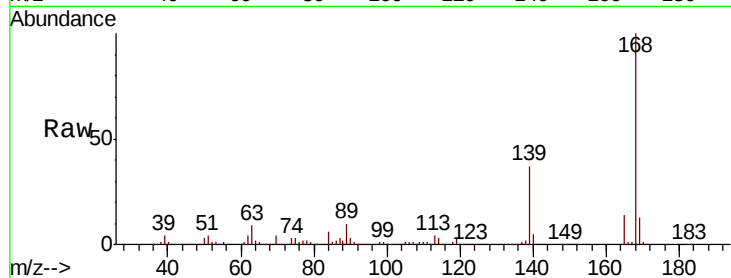




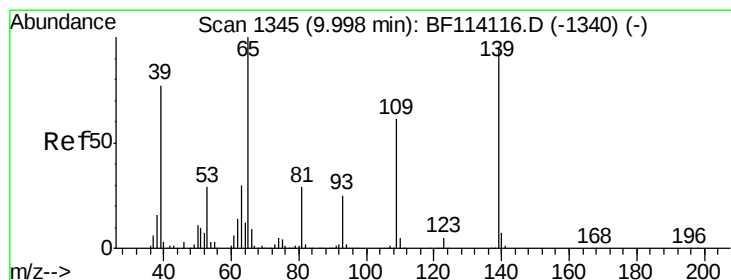
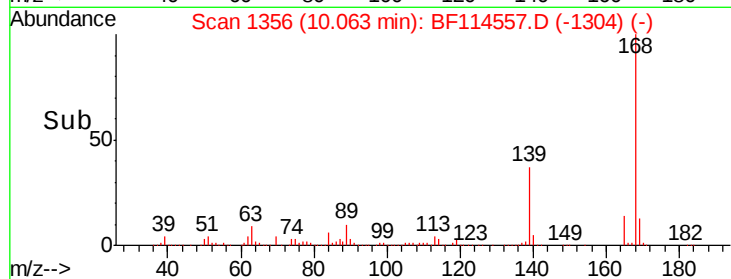
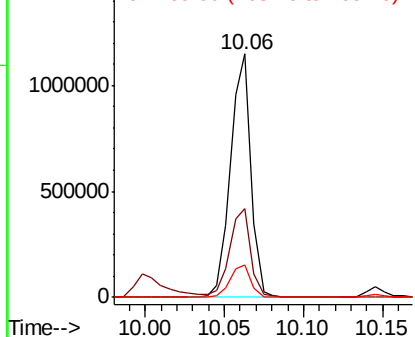
#55
Dibenzofuran
Concen: 38.912 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1023526
Ion Ratio Lower Upper
168 100
139 36.6 31.1 46.7
169 13.2 11.4 17.0

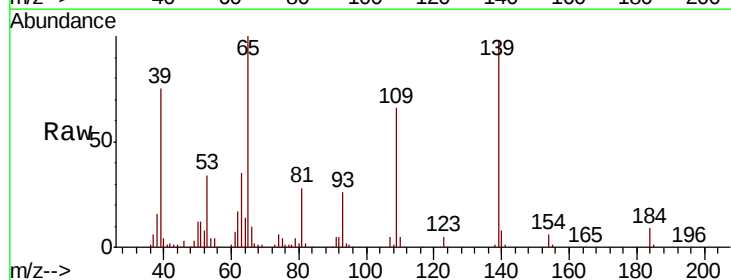


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

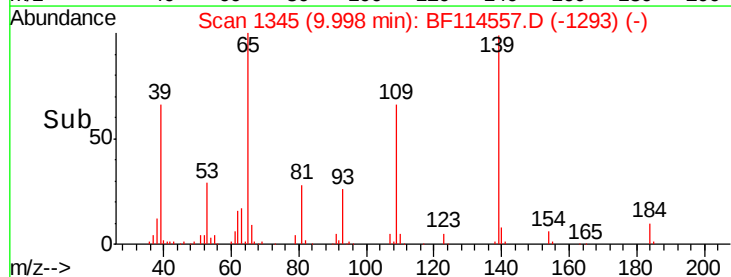
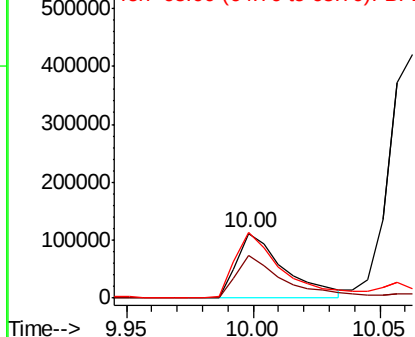


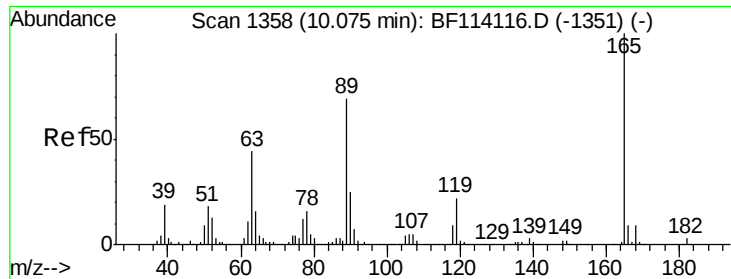
#56
4-Nitrophenol
Concen: 34.592 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:139 Resp: 146164
Ion Ratio Lower Upper
139 100
109 66.8 43.9 83.9
65 101.6 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

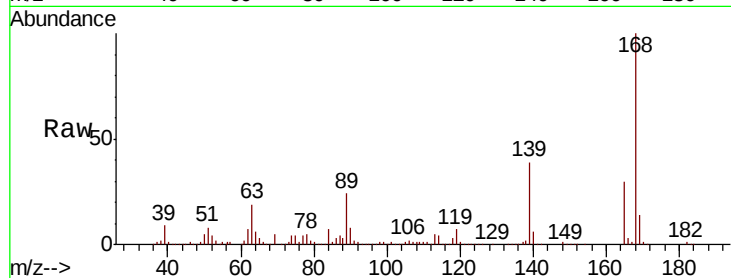




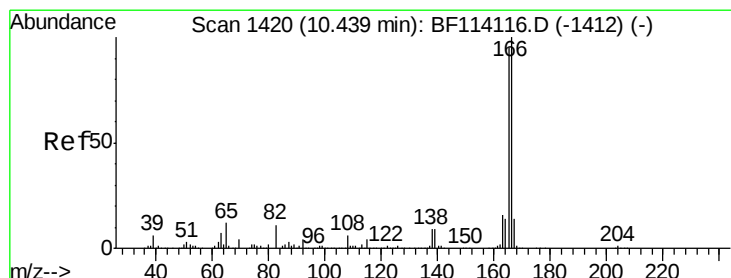
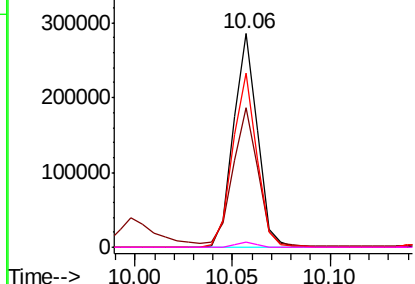
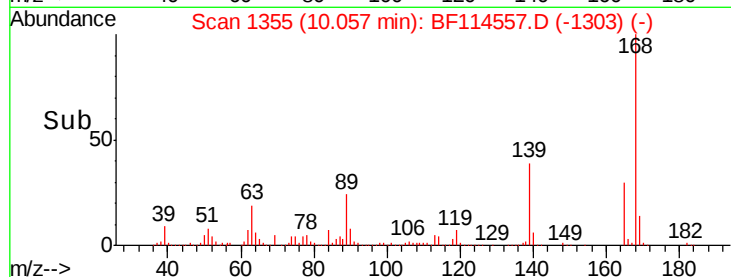
#57
2,4-Dinitrotoluene
Concen: 37.187 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.0	35.5	53.3
89	81.4	55.2	82.8
182	2.4	2.2	3.2

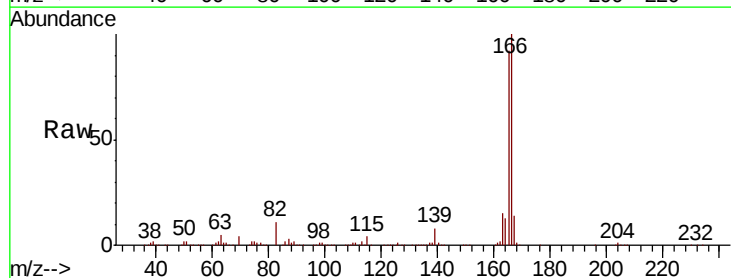


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

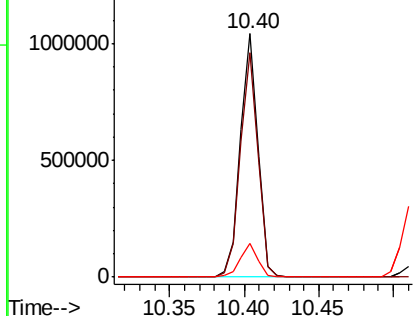
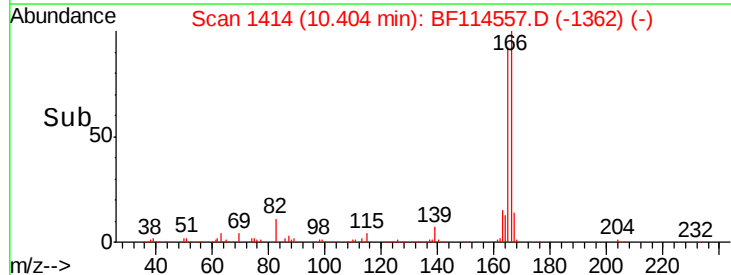


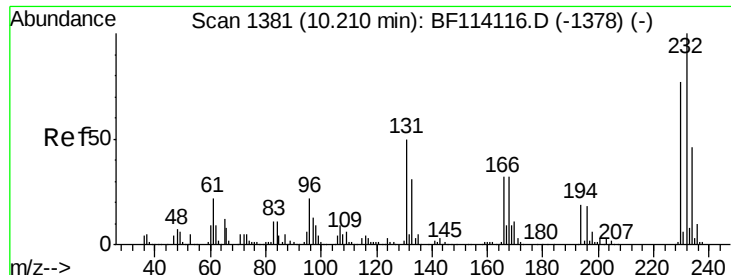
#58
Fluorene
Concen: 42.262 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.3	76.1	114.1
167	13.6	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

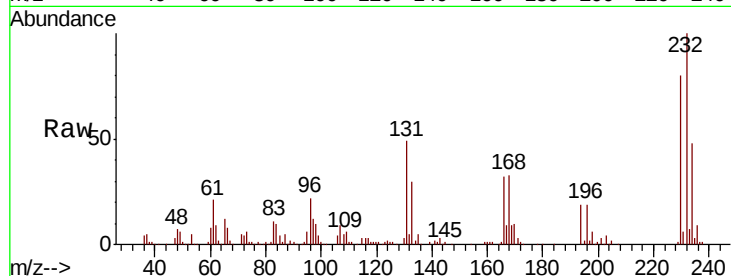




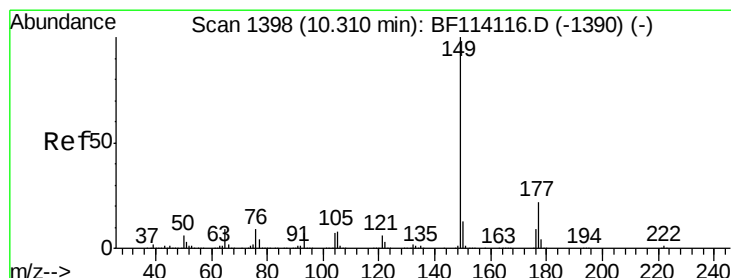
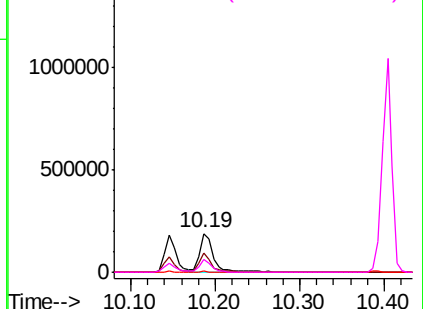
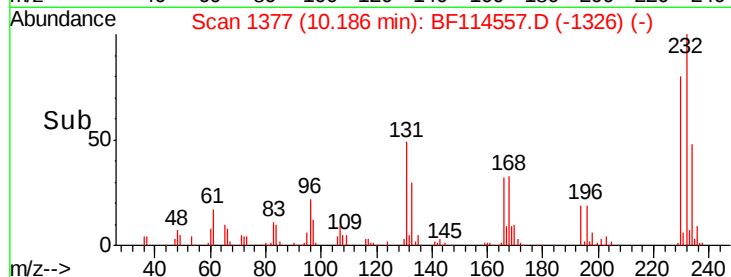
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.326 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	208887
Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.6	53.4
130	2.2	1.6	2.4
166	28.7	24.1	36.1

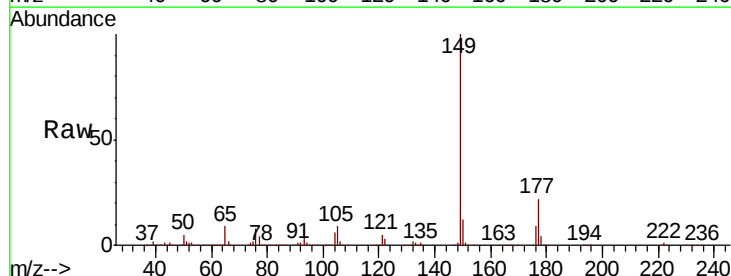


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

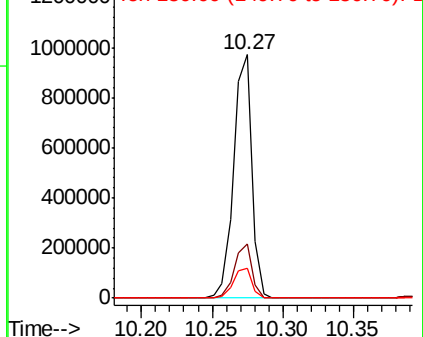
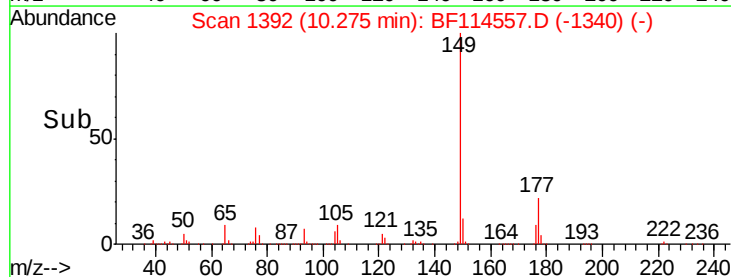


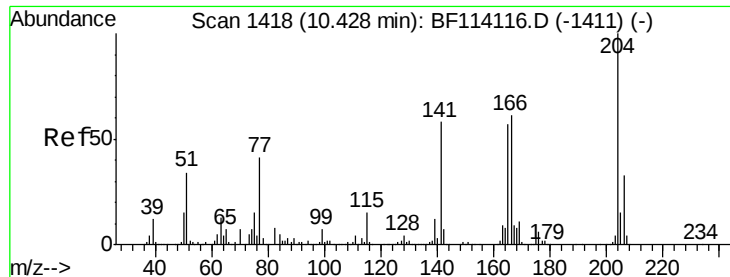
#60
Diethylphthalate
Concen: 39.522 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:	149	Resp:	871439
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.8	26.6
150	12.4	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

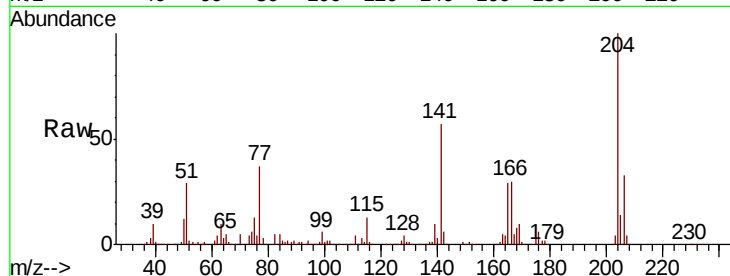




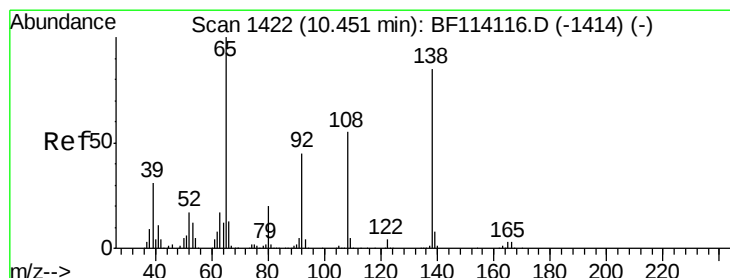
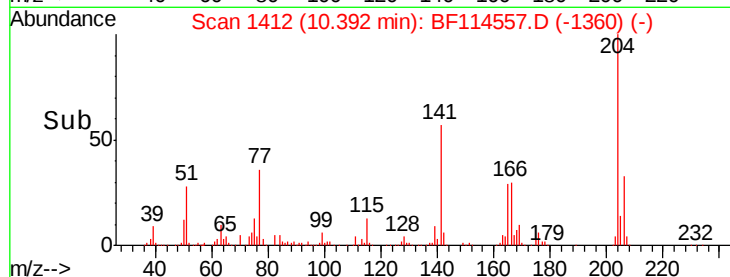
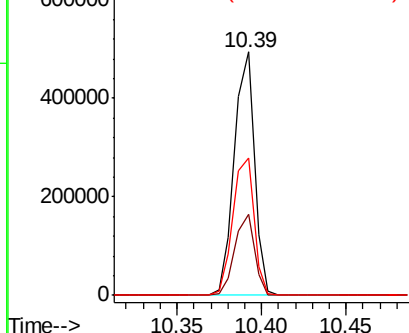
#61
 4-Chlorophenyl-phenylether
 Concen: 41.153 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:204 Resp: 410652
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 56.6 46.4 69.6

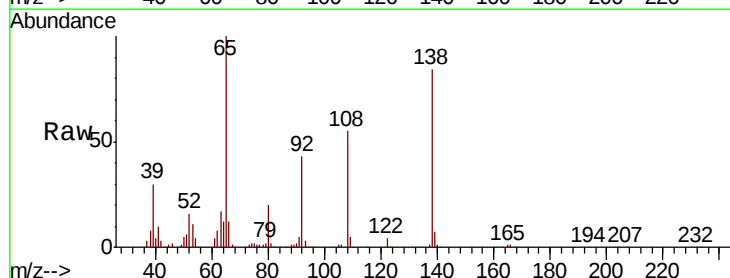


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

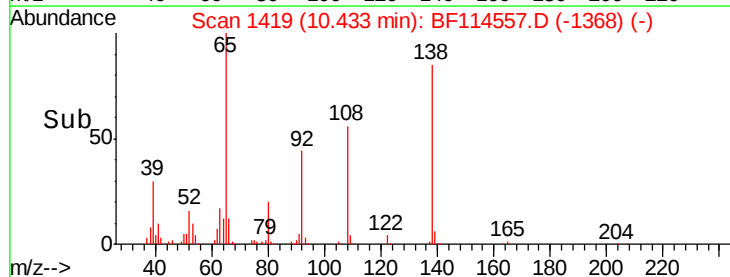
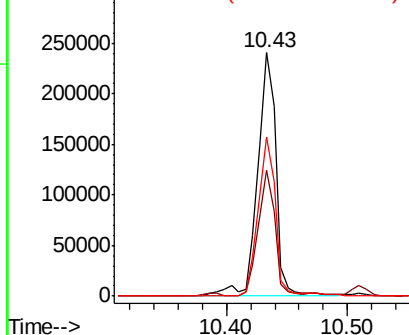


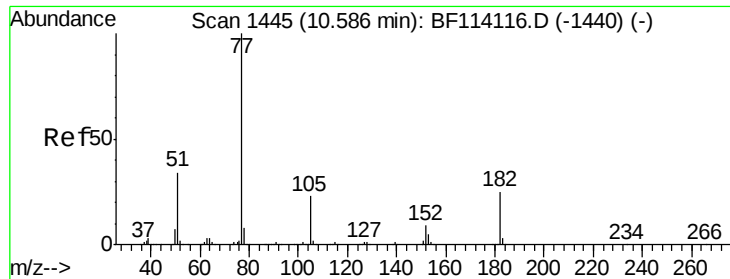
#62
 4-Nitroaniline
 Concen: 41.196 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion:138 Resp: 258646
 Ion Ratio Lower Upper
 138 100
 92 51.6 33.0 73.0
 108 65.6 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

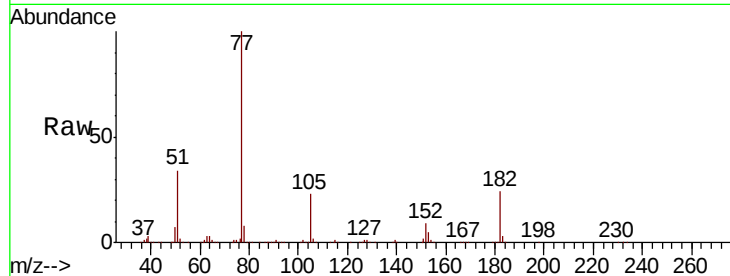




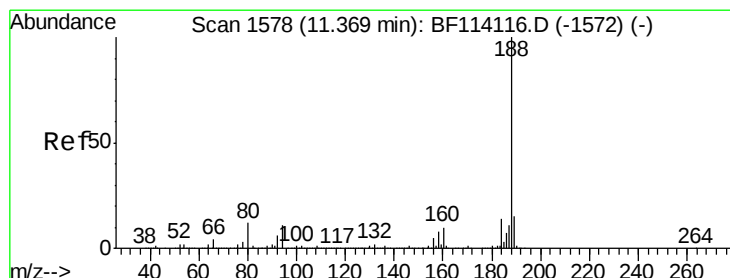
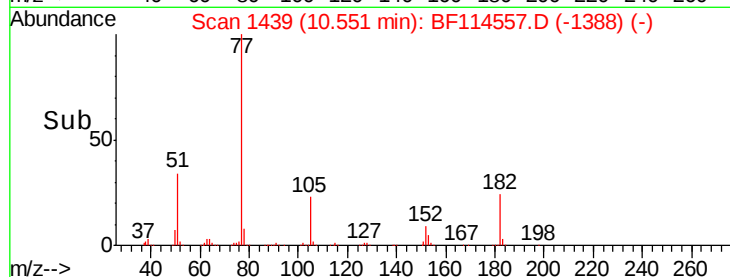
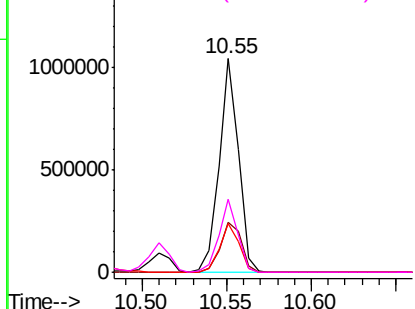
#63
Azobenzene
Concen: 38.997 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	832295
Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.7	44.7
105	22.9	2.9	42.9
51	34.4	14.6	54.6

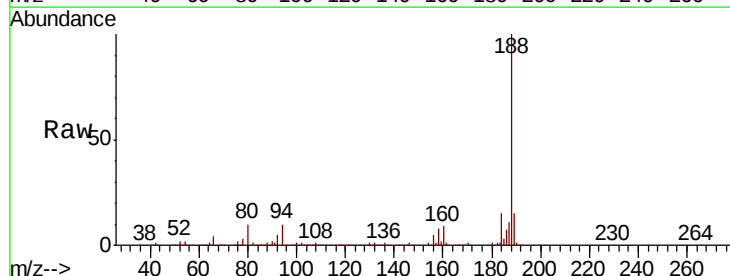


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

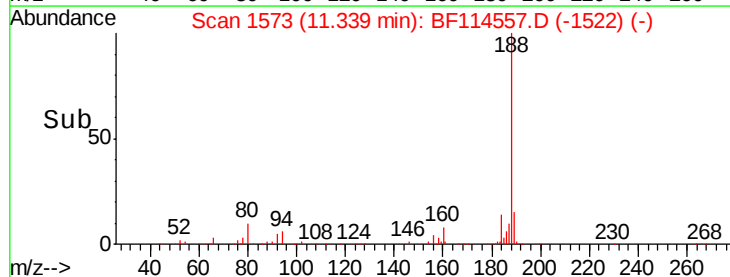
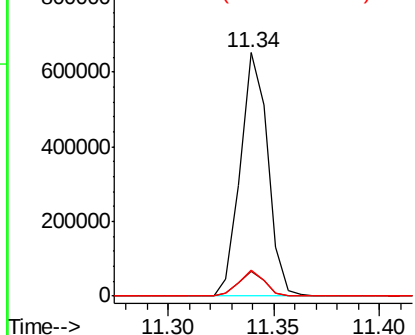


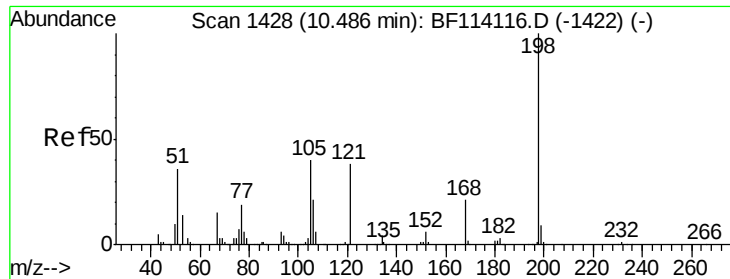
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:	188	Resp:	586059
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	10.4	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

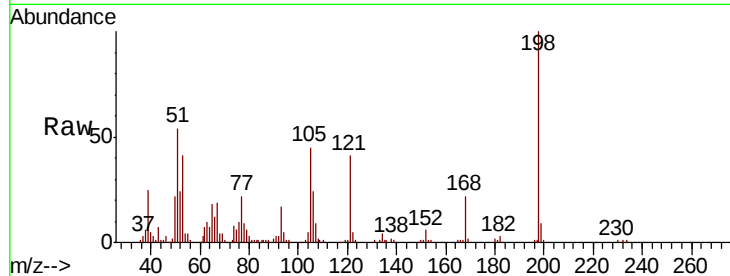




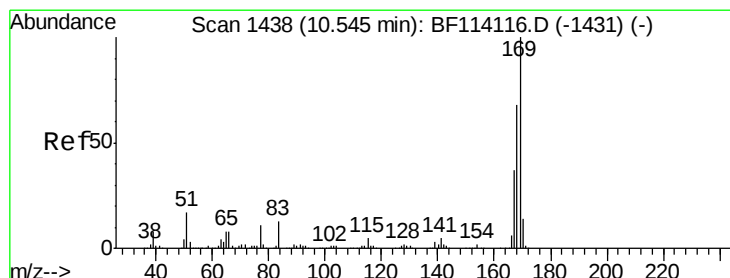
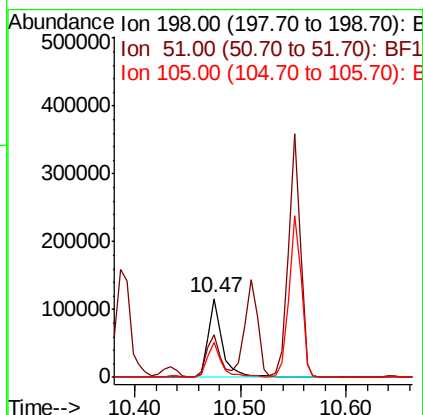
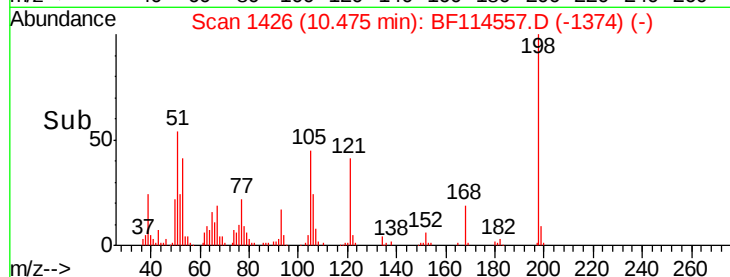
#65
4,6-Dinitro-2-methylphenol
Concen: 39.357 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 110833
Ion Ratio Lower Upper
198 100
51 53.7 28.0 68.0
105 44.8 21.1 61.1

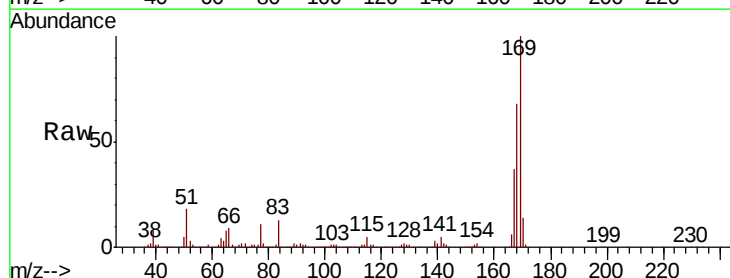


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

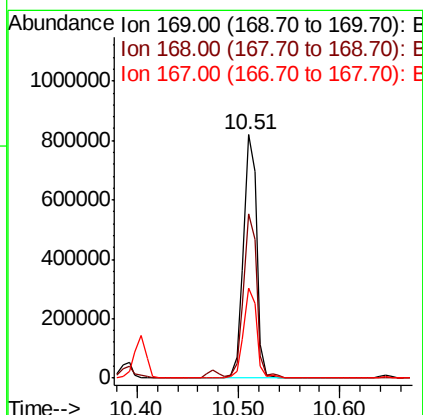
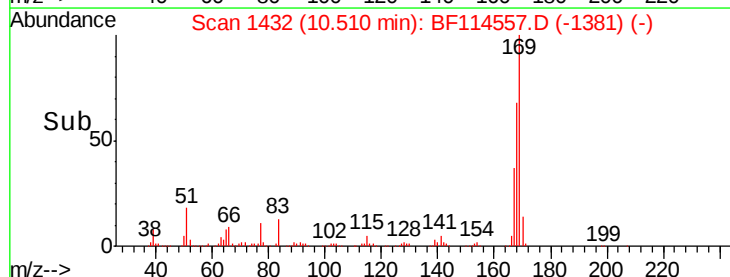


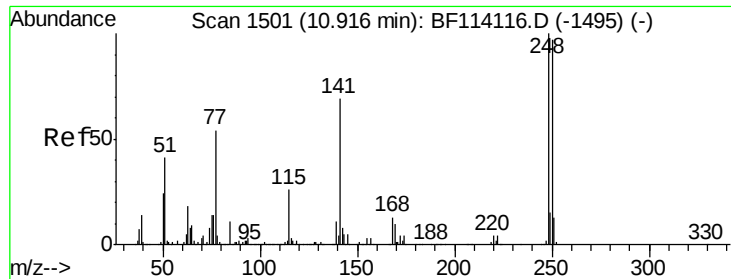
#66
n-Nitrosodiphenylamine
Concen: 41.704 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:169 Resp: 741784
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 37.1 29.8 44.8



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

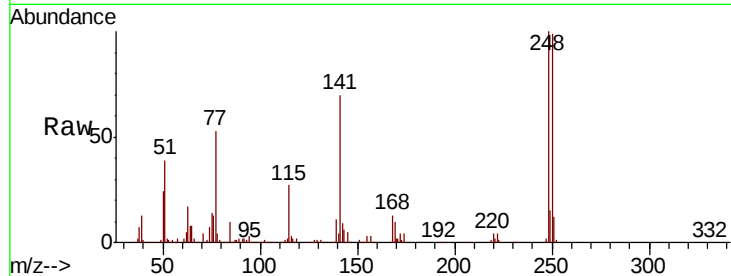




#67
4-Bromophenyl-phenylether
Concen: 40.157 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.4	116.2
141	69.6	55.6	83.4

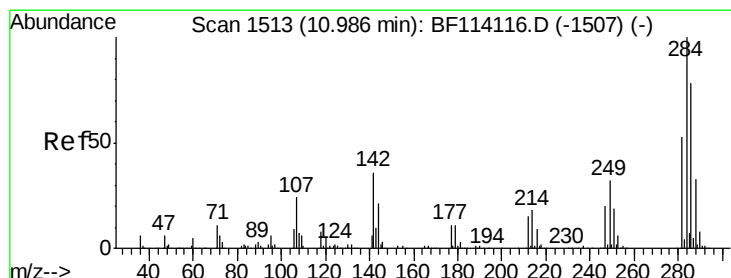
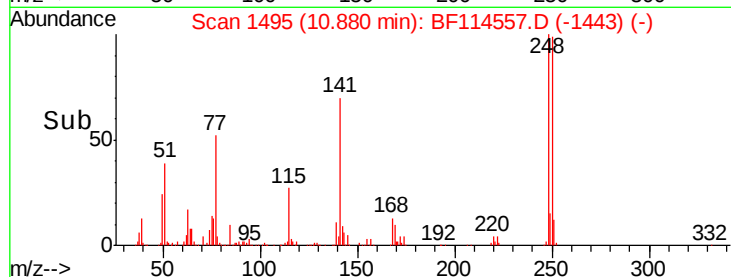
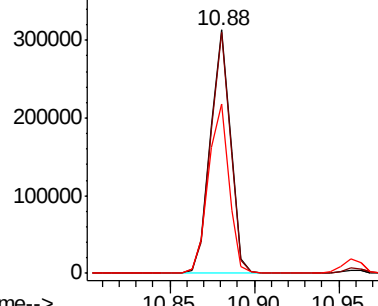


Abundance

Ion 248.00 (247.70 to 248.70): E

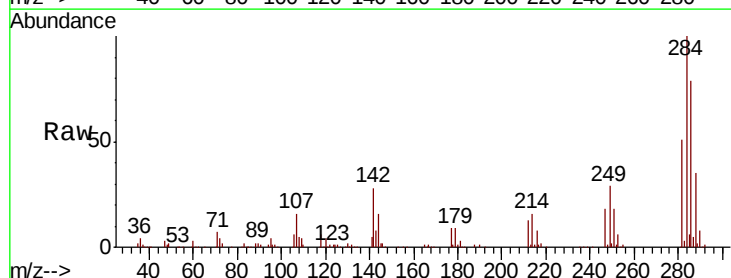
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.666 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	28.4	42.6#
249	28.5	25.2	37.8

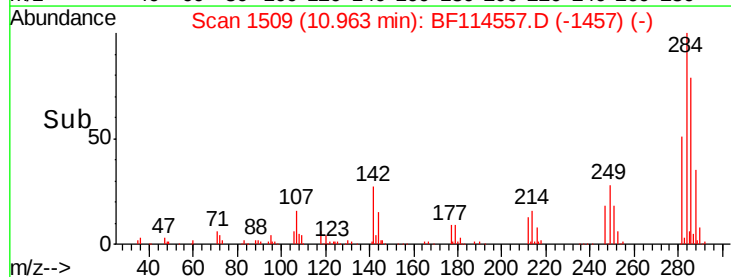
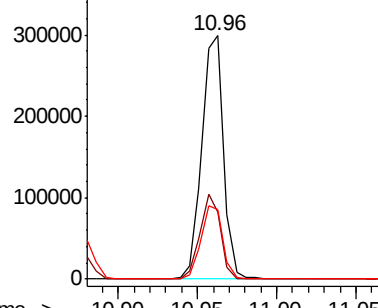


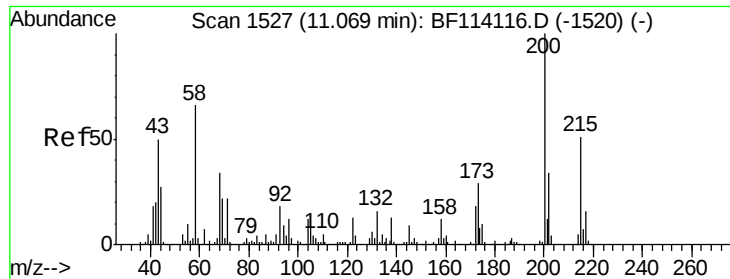
Abundance

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: 40.339 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

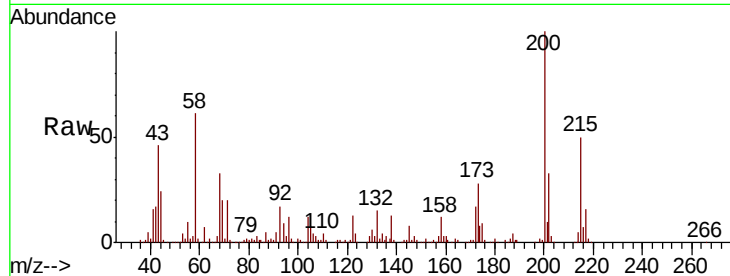
Tot Ion:200 Resp: 223284

Ion Ratio Lower Upper

200 100

173 28.4 8.9 48.9

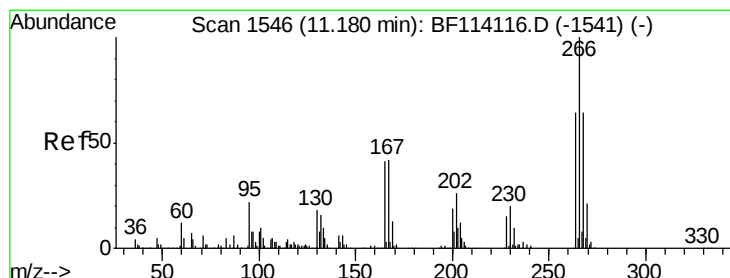
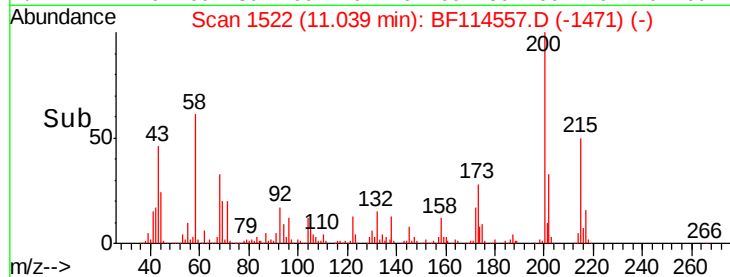
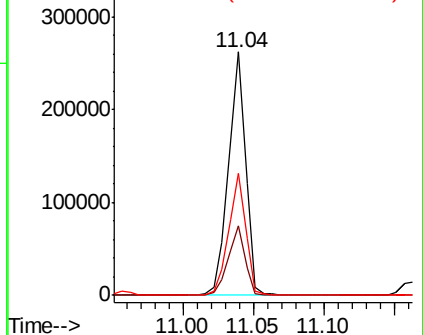
215 50.1 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.123 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

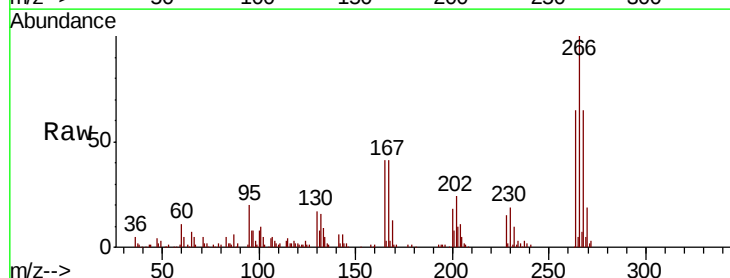
Tgt Ion:266 Resp: 118853

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

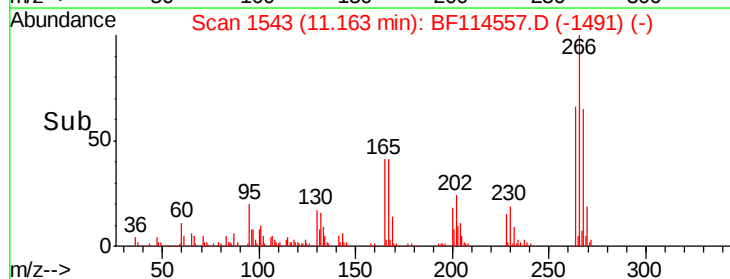
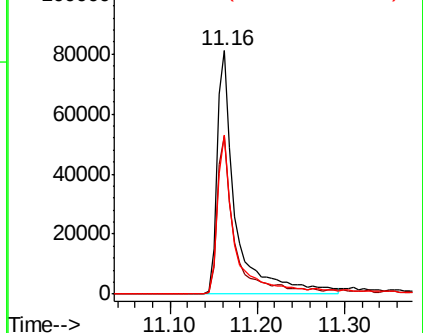
264 65.2 51.1 76.7

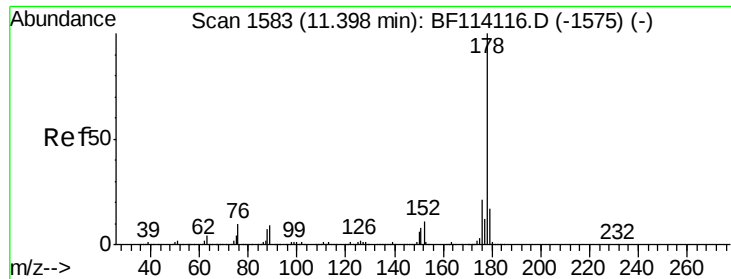


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.081 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

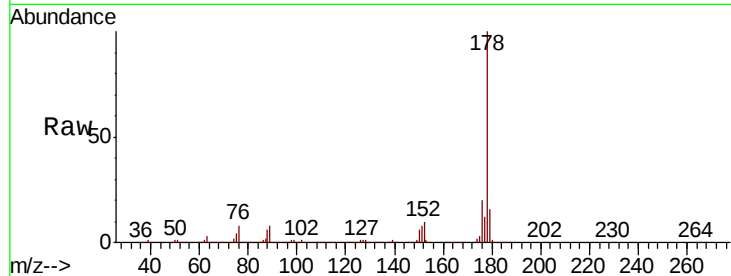
Tot Ion:178 Resp: 1199836

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

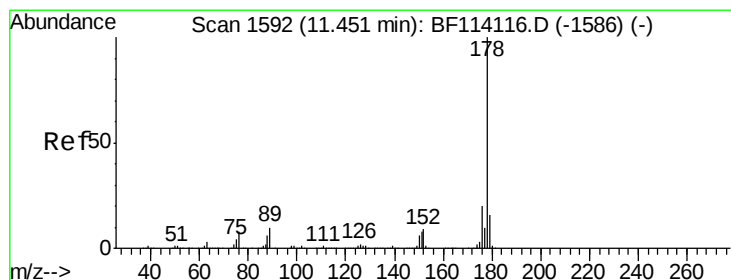
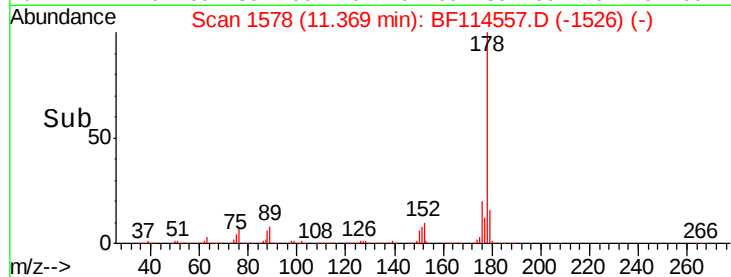
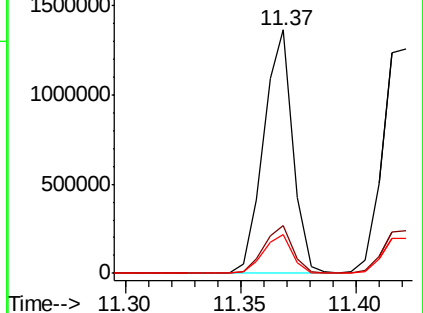
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.437 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

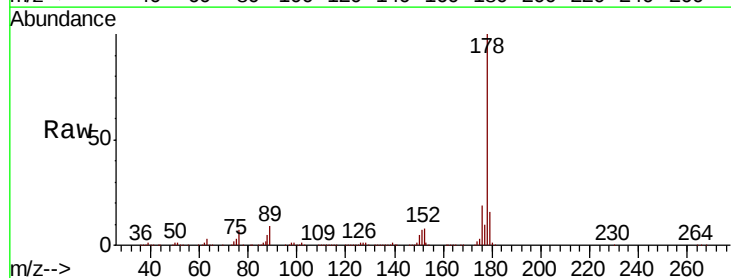
Tgt Ion:178 Resp: 1215325

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

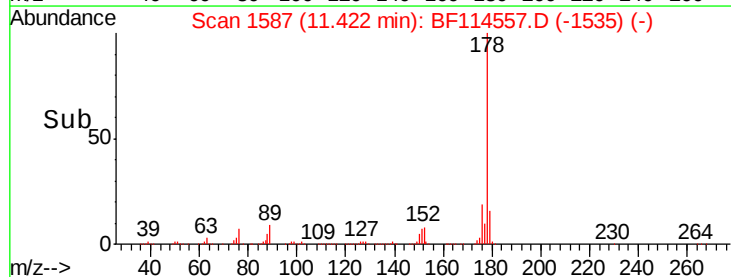
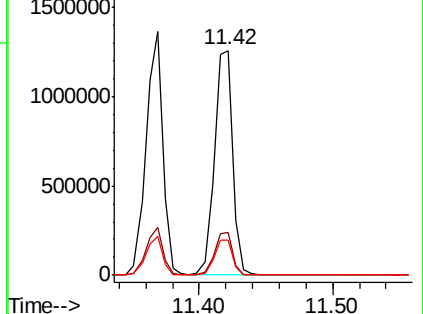
179 15.7 13.0 19.4

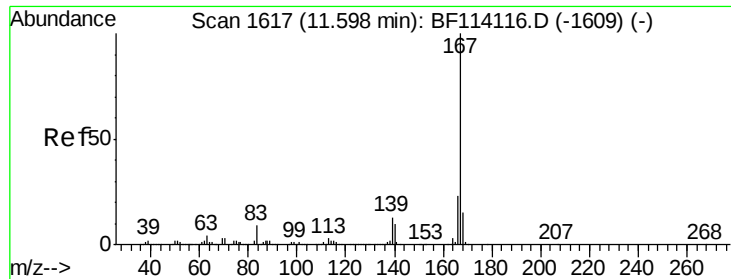


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.609 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

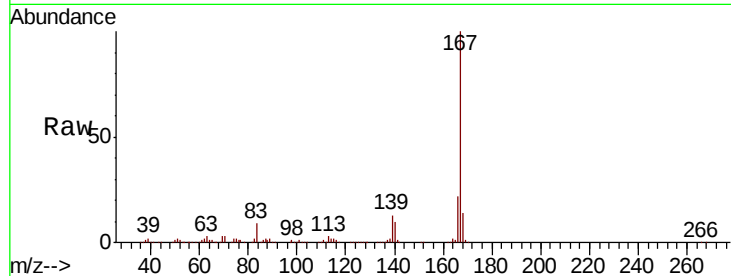
Tot Ion:167 Resp: 1163625

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

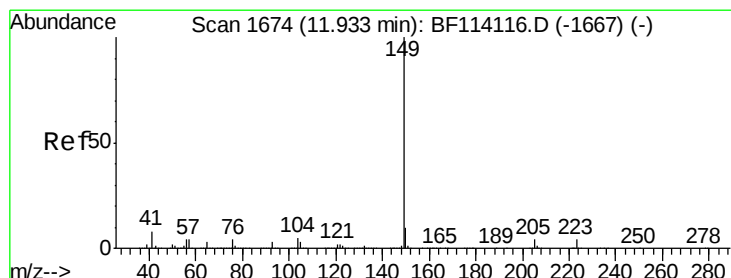
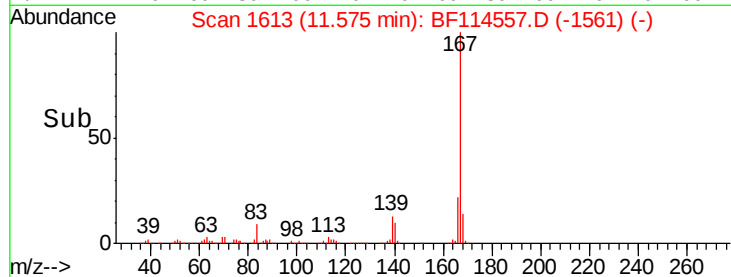
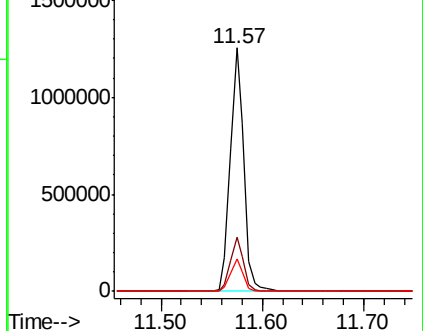
139 13.1 10.6 16.0



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: 42.828 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

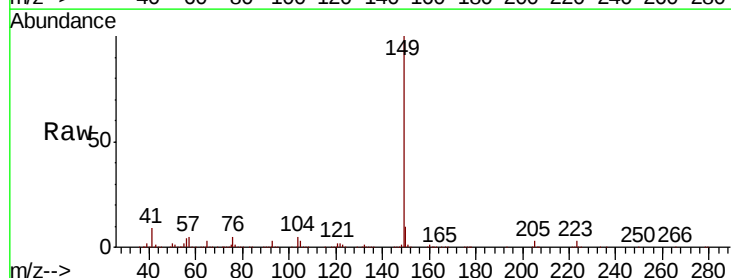
Tgt Ion:149 Resp: 1347491

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

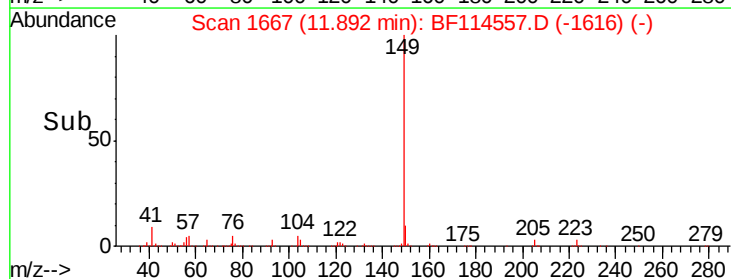
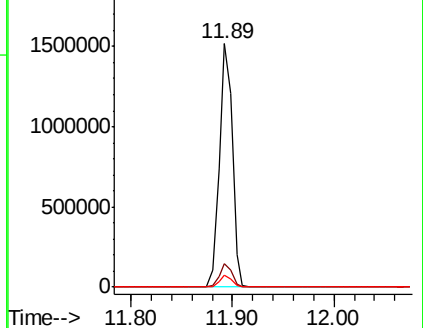
104 4.7 3.6 5.4

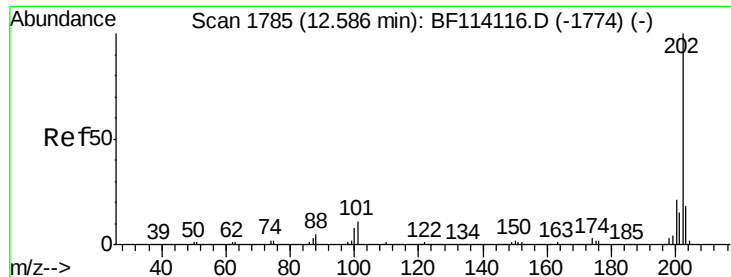


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

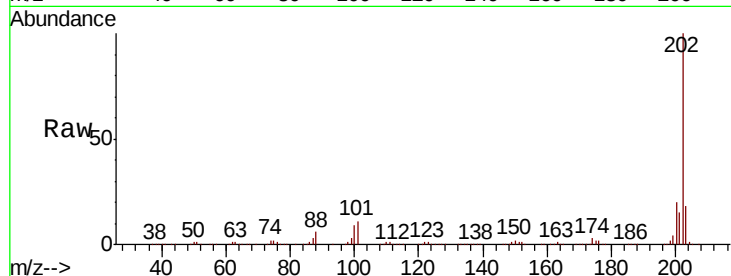




#75
 Fluoranthene
 Concen: 41.871 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
203	18.2	0.0	38.4

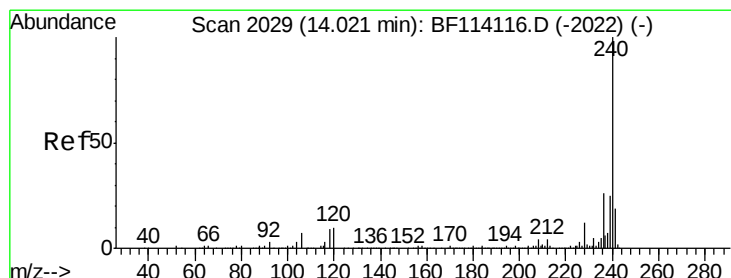
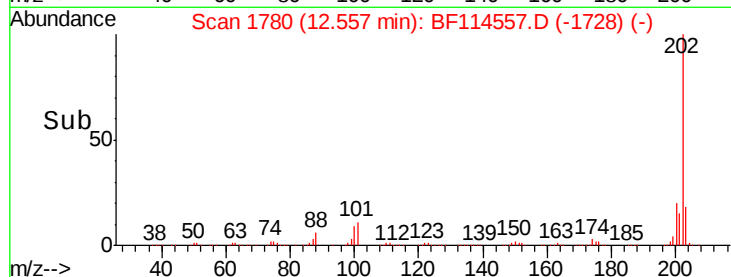
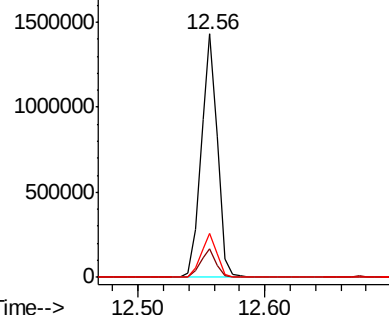


Abundance

Ion 202.00 (201.70 to 202.70): E

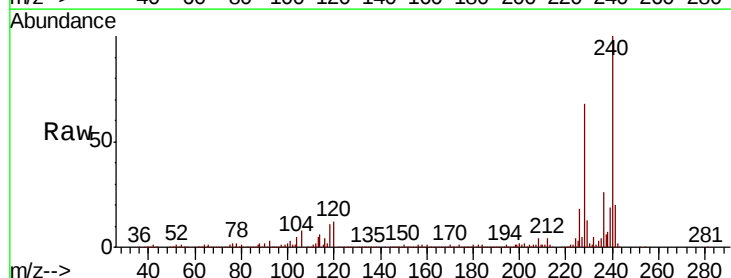
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF114557.D
 Acq: 24 May 2019 9:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.7	20.8	31.2

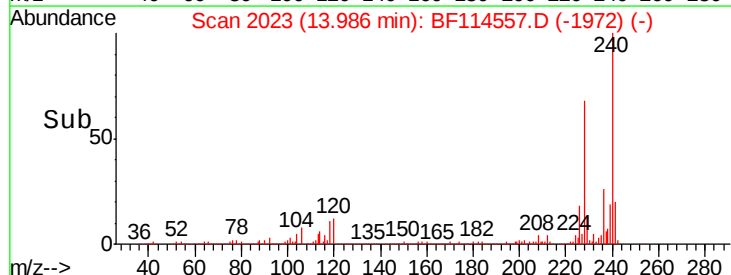
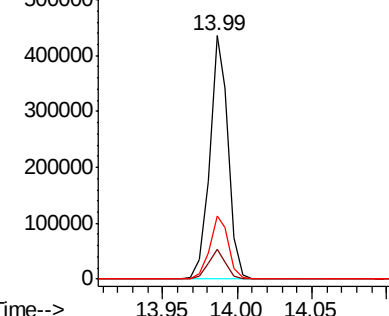


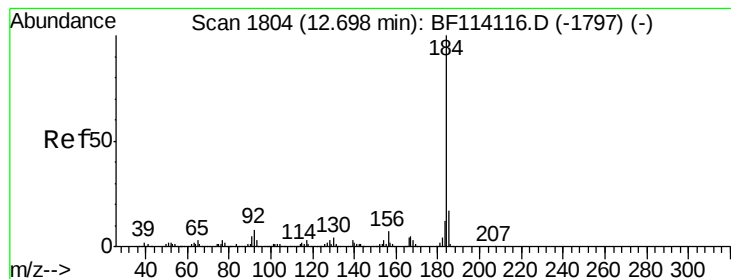
Abundance

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: 48.870 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

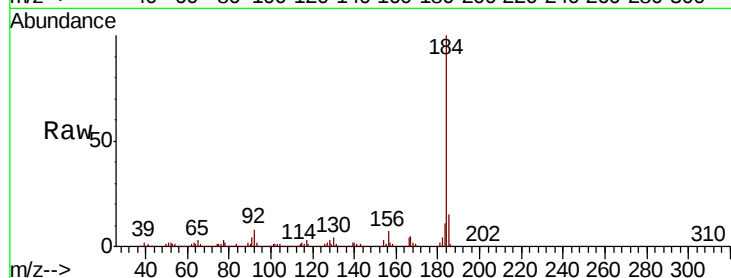
Tot Ion:184 Resp: 833438

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

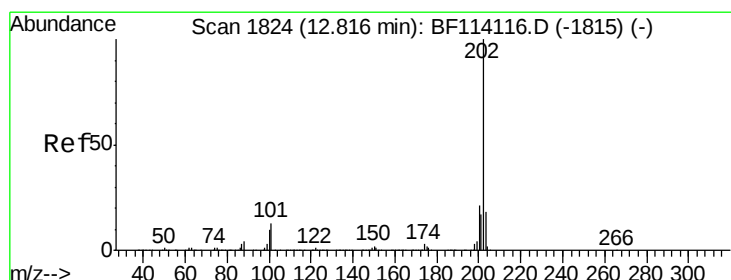
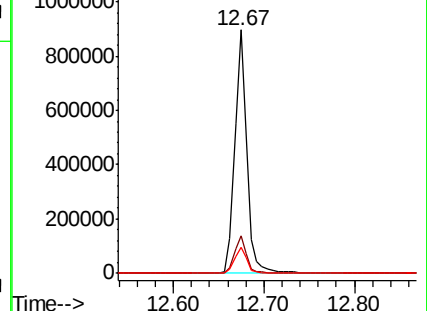
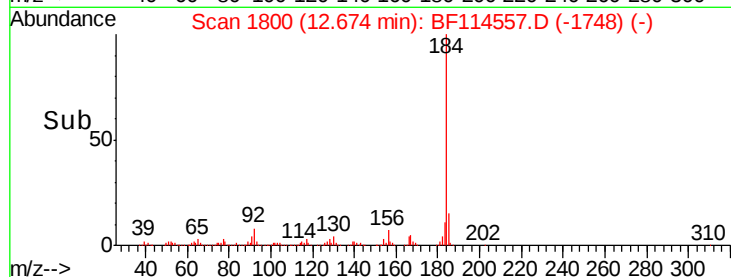
183 10.9 9.2 13.8



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: 42.502 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

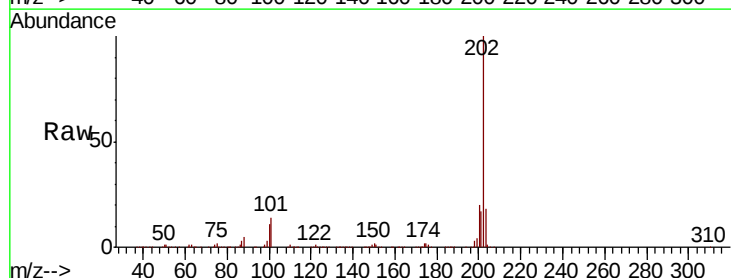
Tgt Ion:202 Resp: 1299005

Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

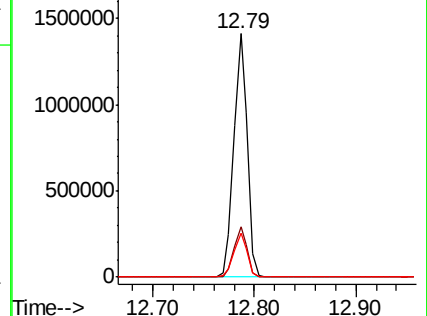
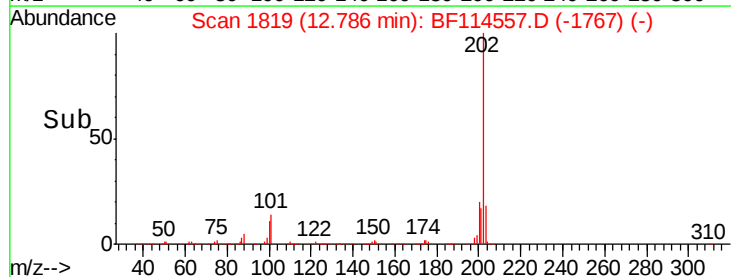
203 18.0 14.5 21.7



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: 87.204 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

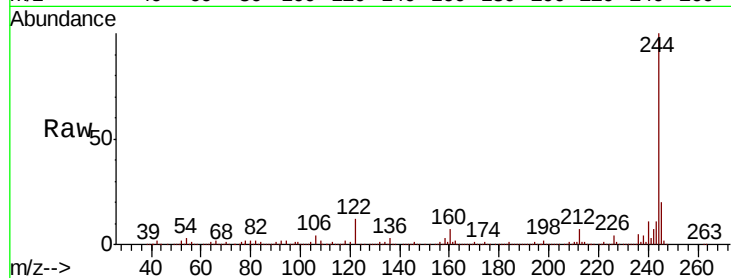
Tot Ion:244 Resp: 1607180

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

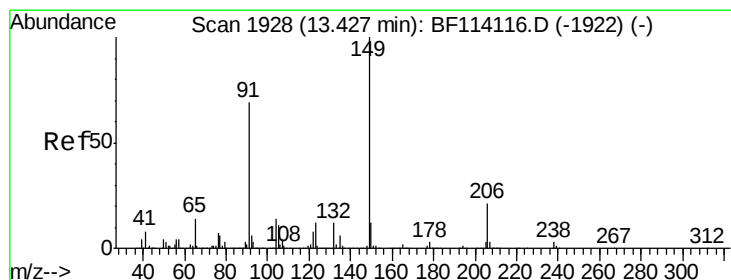
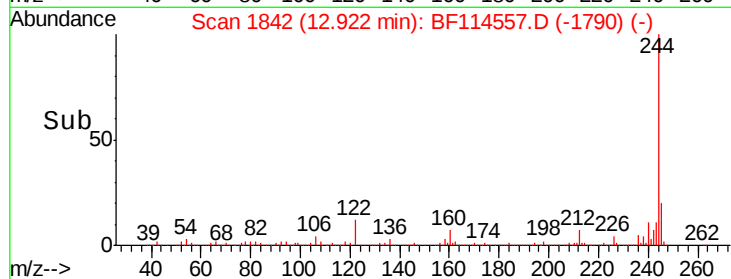
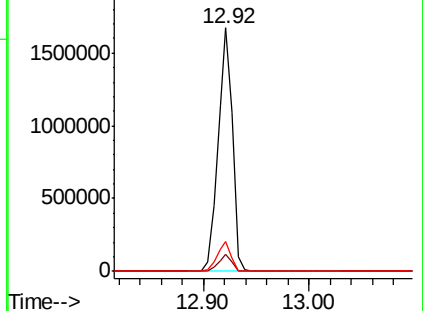
122 12.4 9.4 14.2



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: 44.183 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

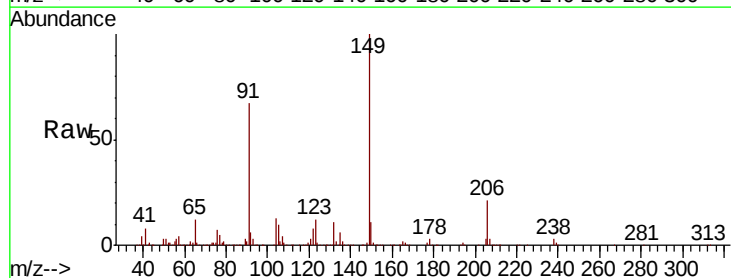
Tgt Ion:149 Resp: 568390

Ion Ratio Lower Upper

149 100

91 66.8 55.0 82.4

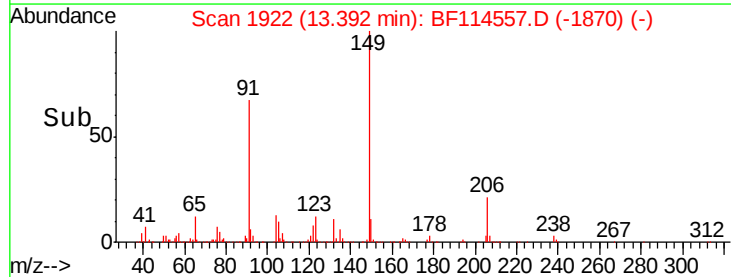
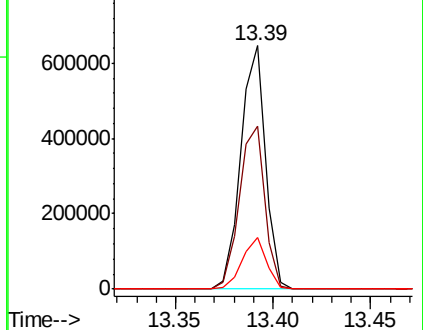
206 21.1 16.9 25.3

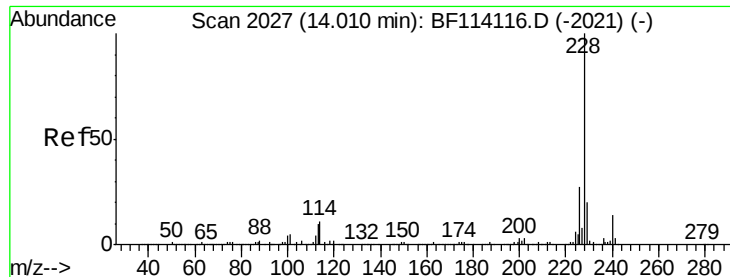


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

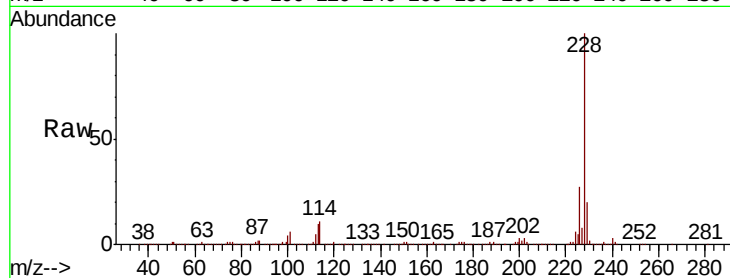




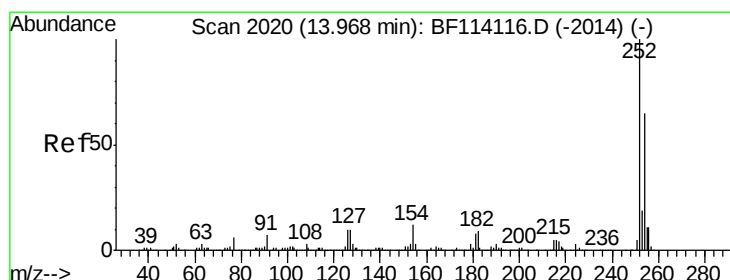
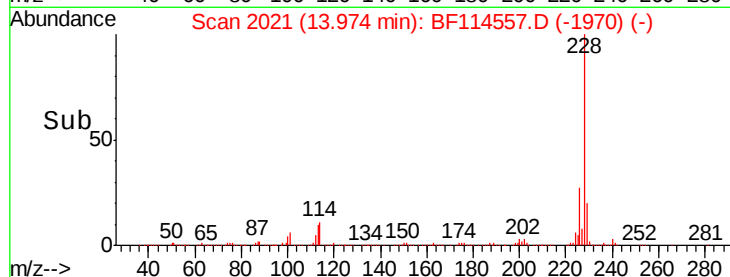
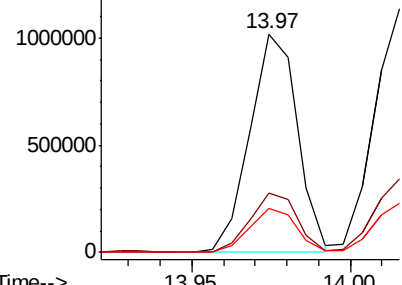
#81
Benzo(a)anthracene
Concen: 43.398 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1066430
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.0 16.4 24.6

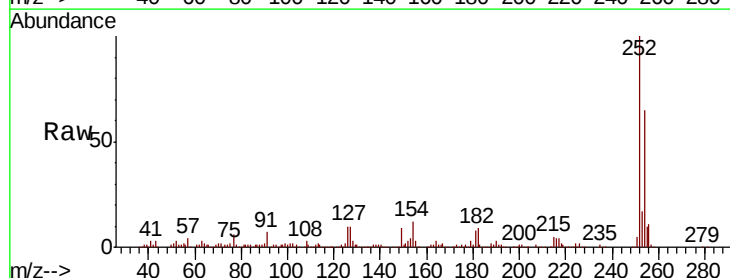


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

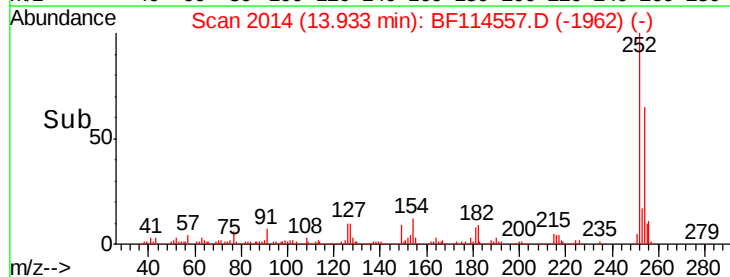
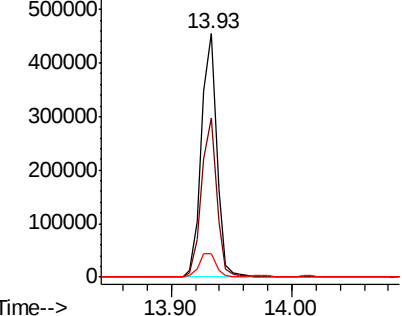


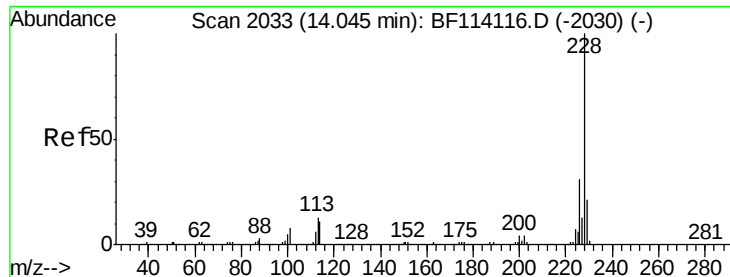
#82
3,3'-Dichlorobenzidine
Concen: 41.788 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:252 Resp: 398355
Ion Ratio Lower Upper
252 100
254 65.3 51.9 77.9
126 9.8 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

Chrysene

Concen: 41.987 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

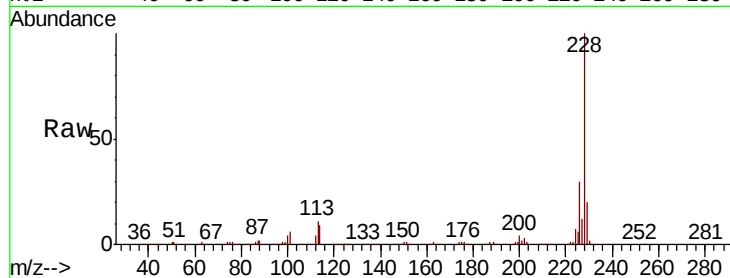
Tot Ion:228 Resp: 1011409

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

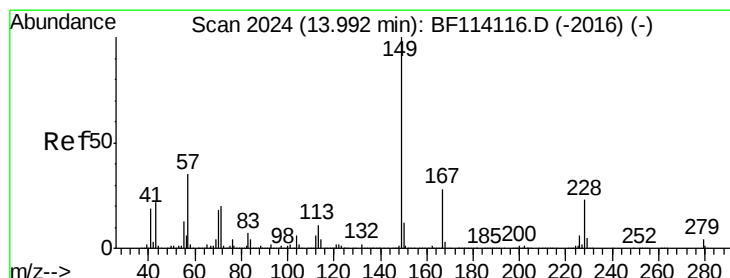
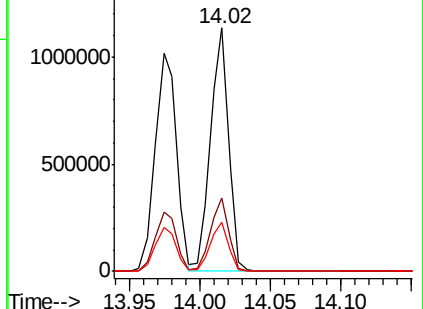
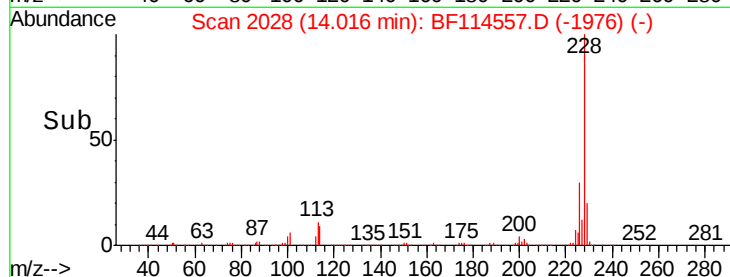
229 20.1 17.0 25.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.481 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

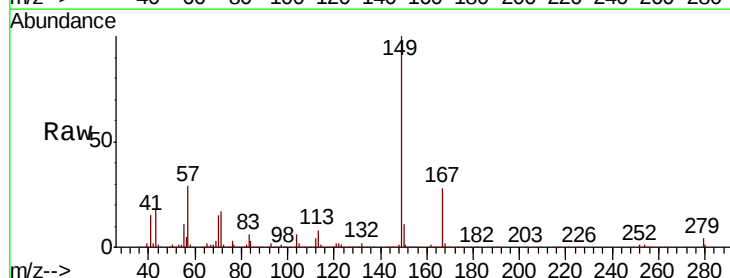
Tgt Ion:149 Resp: 731556

Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

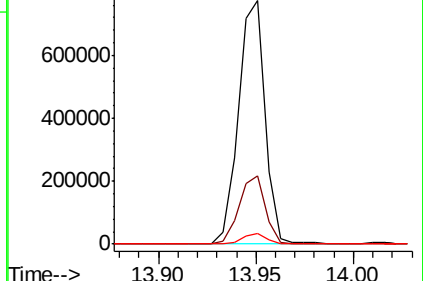
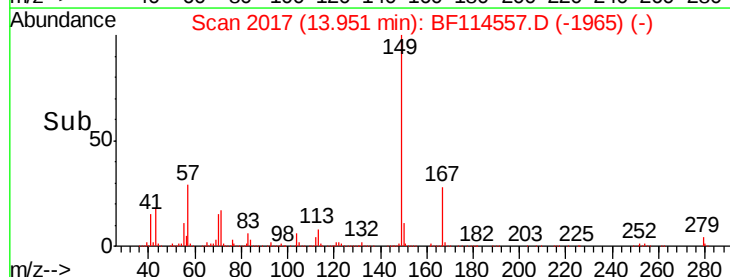
279 4.3 3.0 4.6

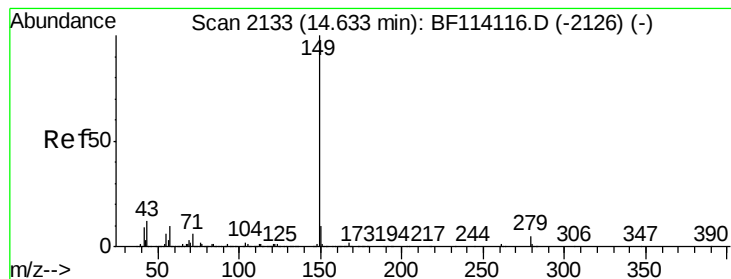


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.822 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

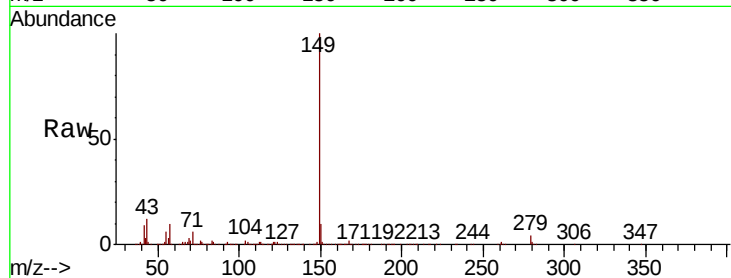
Tot Ion:149 Resp: 1113384

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

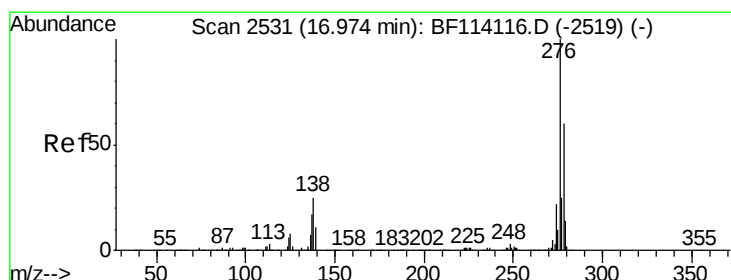
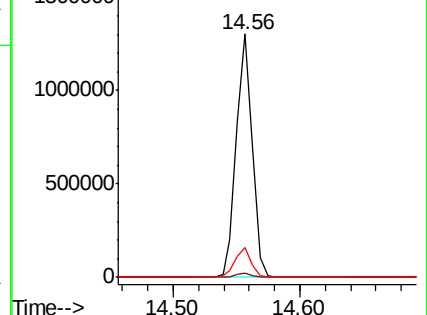
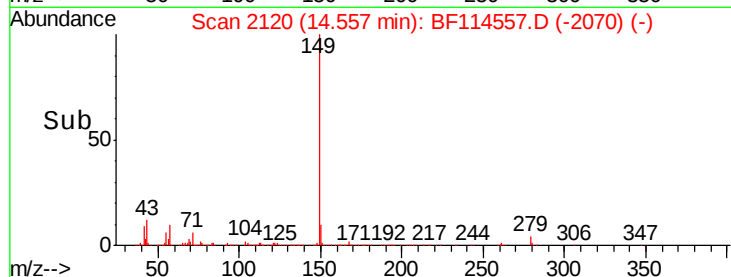
43 11.7 10.1 15.1



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: 37.317 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

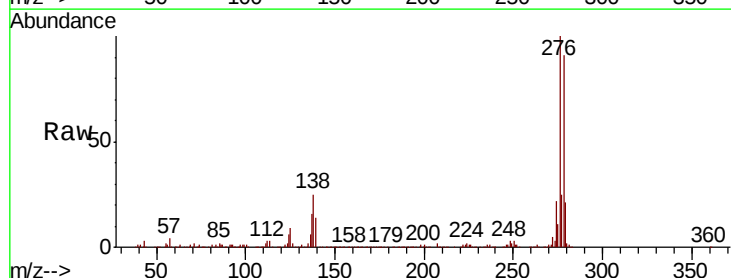
Tgt Ion:276 Resp: 794460

Ion Ratio Lower Upper

276 100

138 24.1 20.2 30.2

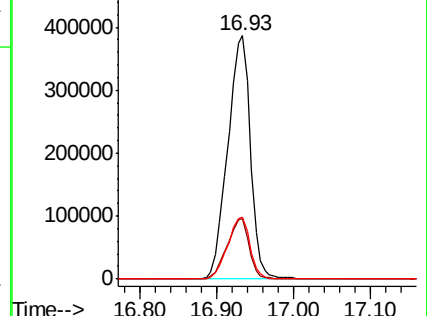
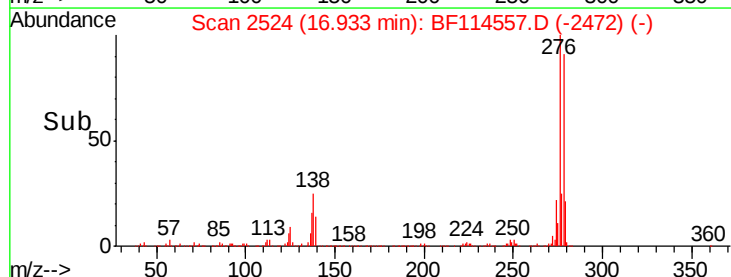
277 25.1 20.0 30.0

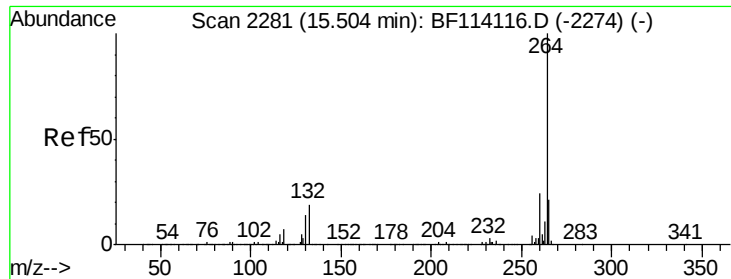


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

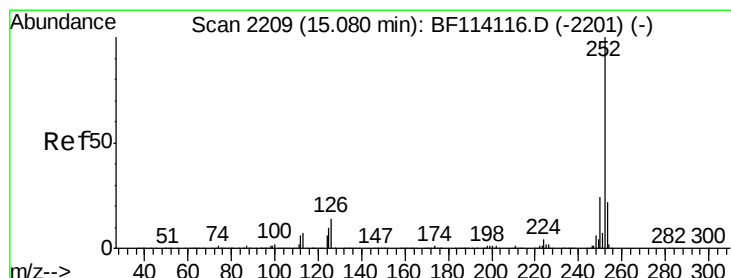
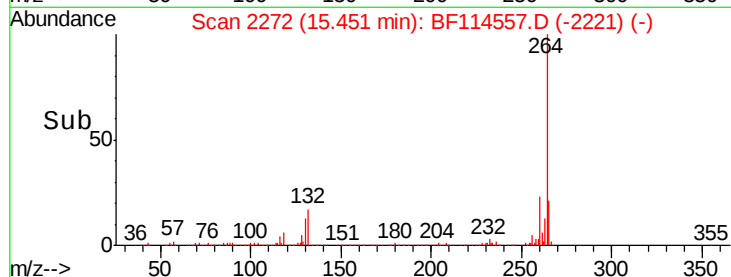
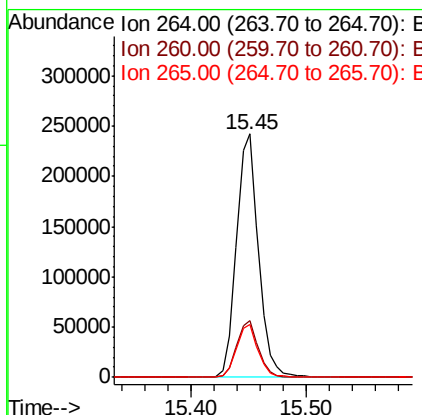
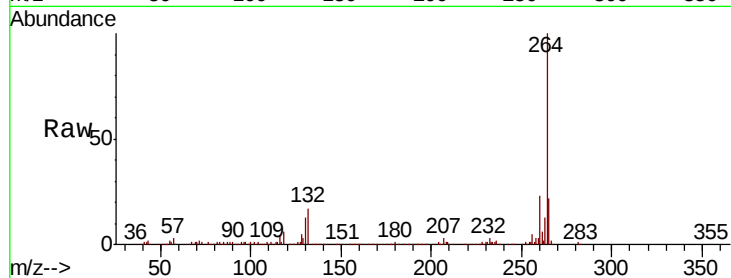




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

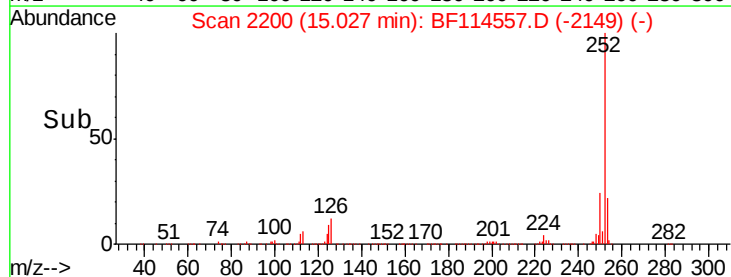
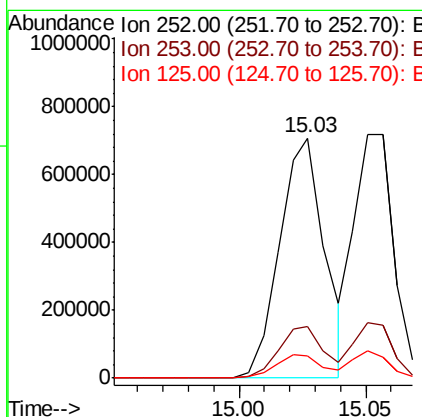
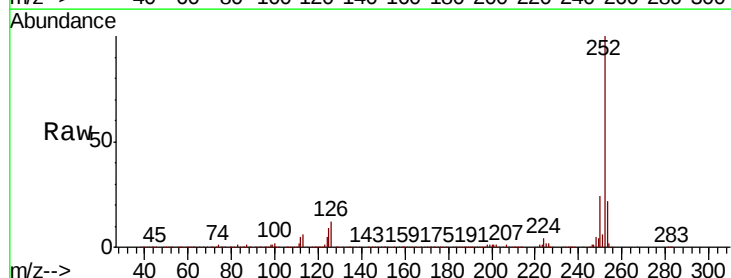
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

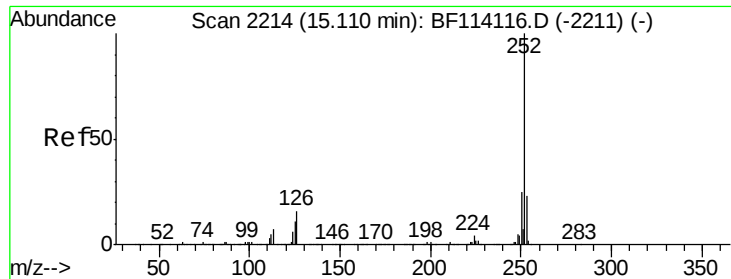
Tot Ion:264 Resp: 319251
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.0
265 21.6 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 42.749 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:252 Resp: 874353
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 9.5 8.3 12.5

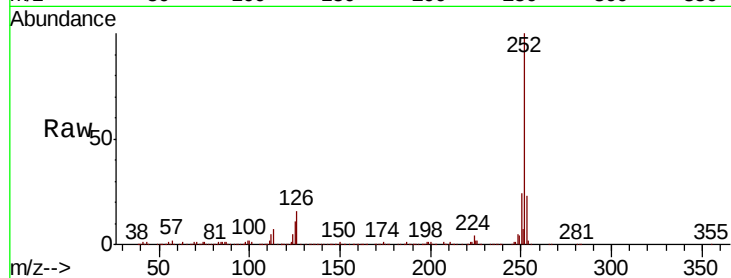




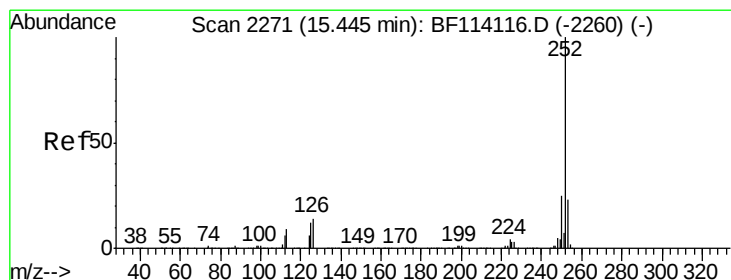
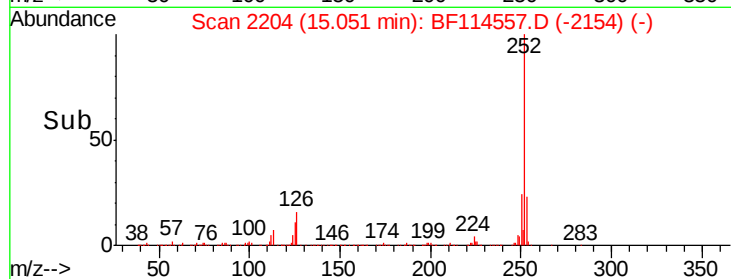
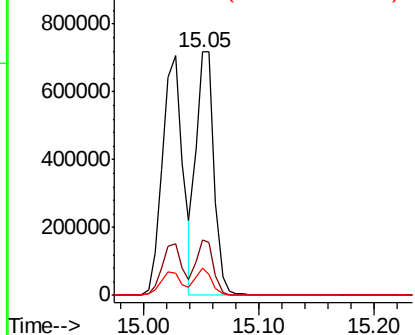
#89
Benzo(k)fluoranthene
Concen: 41.818 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 785680
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.4 8.6 13.0

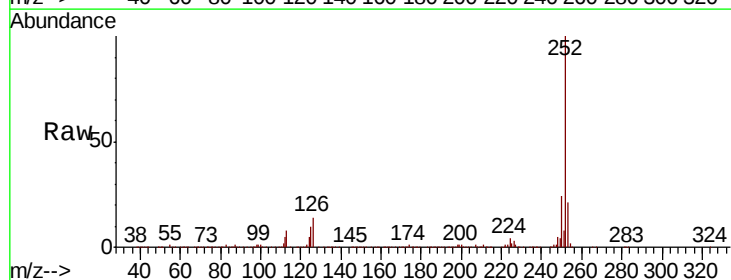


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

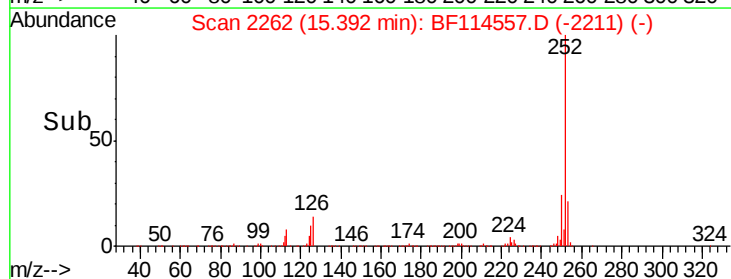
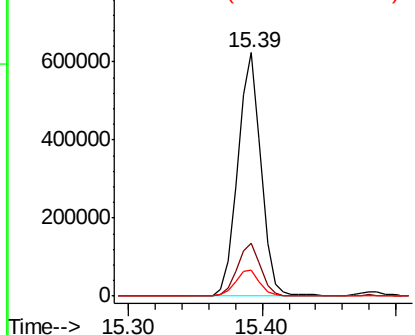


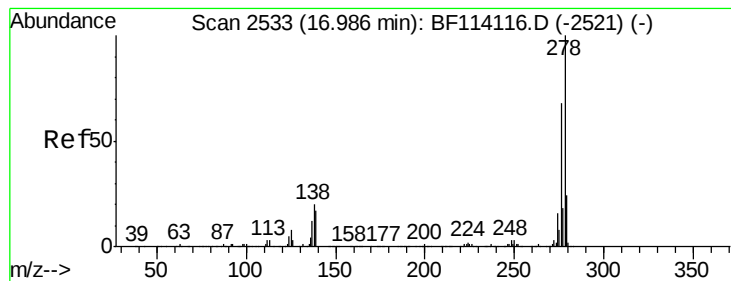
#90
Benzo(a)pyrene
Concen: 41.716 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF114557.D
Acq: 24 May 2019 9:19

Tgt Ion:252 Resp: 750898
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 10.5 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: 43.427 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

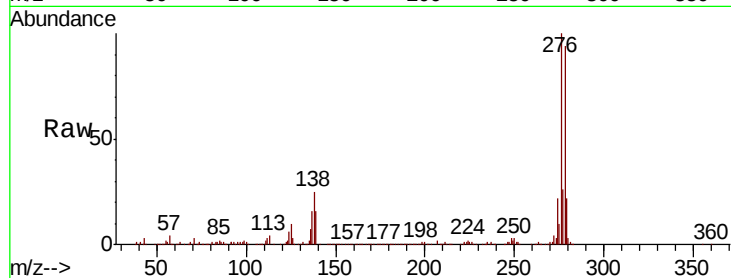
Tot Ion:278 Resp: 649558

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

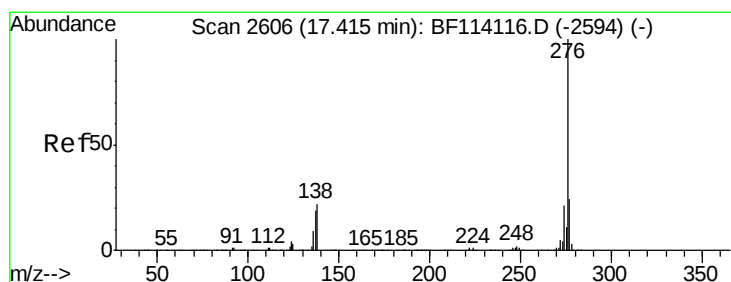
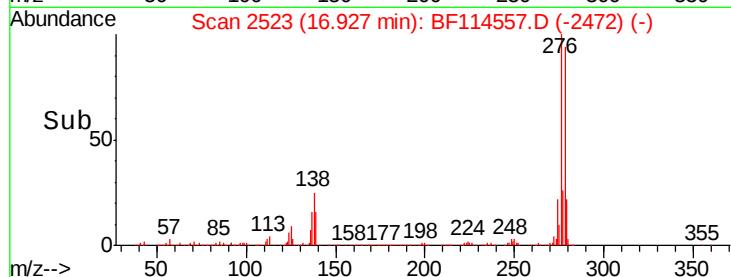
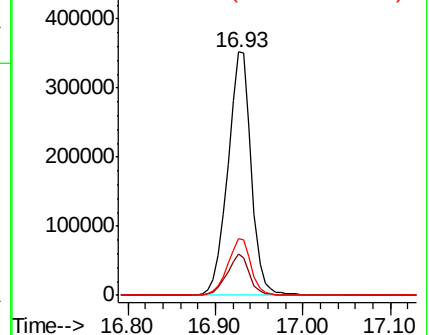
279 23.6 19.0 28.6



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: 44.559 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

Lab File: BF114557.D

Acq: 24 May 2019 9:19

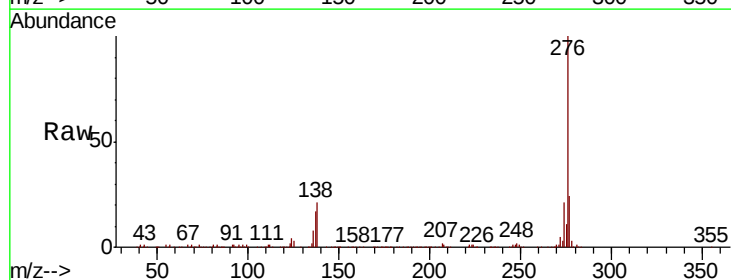
Tgt Ion:276 Resp: 667930

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 20.9 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

