

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114703.D
 Acq On : 31 May 2019 12:59
 Operator : HP/JU
 Sample : K2971-15MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

Quant Time: Jun 01 00:21:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	335551	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1288633	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	639890	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1273853	20.00	ng	0.00
76) Chrysene-d12	13.83	240	795122	20.00	ng	0.01
87) Perylene-d12	15.22	264	986557	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	2491892	130.38	ng	0.02
7) Phenol-d6	6.34	99	3137657	136.24	ng	0.01
23) Nitrobenzene-d5	7.26	82	1932246	93.55	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	881852	144.63	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3324817	100.53	ng	0.00
79) Terphenyl-d14	12.78	244	3684376	87.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	375701	40.964	ng	97
3) Pyridine	3.09	79	1095955	41.059	ng	99
4) n-Nitrosodimethylamine	3.02	42	465696	43.114	ng	97
6) Aniline	6.36	93	453562	13.038	ng	100
8) 2-Chlorophenol	6.49	128	1070814	48.515	ng	99
9) Benzaldehyde	6.24	77	562221	45.252	ng	94
10) Phenol	6.35	94	1238294	44.508	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	970726	45.615	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1143375	45.469	ng	99
13) 1,4-Dichlorobenzene	6.72	146	1151050	45.628	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1064592	46.353	ng	99
15) Benzyl Alcohol	6.84	79	876557	48.386	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1373393	42.077	ng	98
17) 2-Methylphenol	6.96	107	895552	47.972	ng	99
18) Hexachloroethane	7.21	117	421252	44.104	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	693629	43.633	ng	99
20) 3+4-Methylphenols	7.11	107	1012673	46.123	ng	97
22) Acetophenone	7.11	105	1383075	50.373	ng	99
24) Nitrobenzene	7.28	77	1077282	49.100	ng	93
25) Isophorone	7.52	82	1964472	47.392	ng	99
26) 2-Nitrophenol	7.60	139	589164	55.165	ng	93
27) 2,4-Dimethylphenol	7.64	122	939332	52.884	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1255360	47.575	ng	99
29) 2,4-Dichlorophenol	7.84	162	928640	51.365	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	1011146	49.090	ng	99
31) Naphthalene	8.00	128	2878869	48.501	ng	100
32) Benzoic acid	7.71	122	56278	4.878	ng	96
33) 4-Chloroaniline	8.05	127	190438	6.734	ng	95
34) Hexachlorobutadiene	8.13	225	536854	46.917	ng	100
35) Caprolactam	8.42	113	201121	32.964	ng	96
36) 4-Chloro-3-methylphenol	8.54	107	961249	53.017	ng	100
37) 2-Methylnaphthalene	8.69	142	2022189	51.275	ng	99
38) 1-Methylnaphthalene	8.79	142	1926906	51.569	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	841260	49.368	ng	99

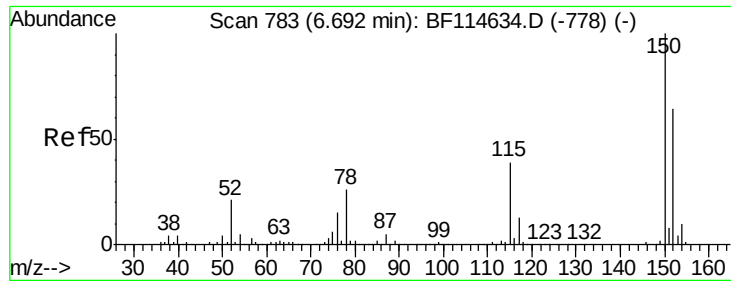
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
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 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1010897	89.771	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	680627	50.762	ng	100
44) 2,4,5-Trichlorophenol	9.00	196	695494	51.980	ng	97
46) 1,1'-Biphenyl	9.16	154	2352554	49.528	ng	98
47) 2-Chloronaphthalene	9.17	162	1919104	49.254	ng	98
48) 2-Nitroaniline	9.27	65	586402	48.769	ng	91
49) Acenaphthylene	9.59	152	2917365	48.466	ng	100
50) Dimethylphthalate	9.46	163	2524779	56.624	ng	99
51) 2,6-Dinitrotoluene	9.51	165	548962	52.985	ng	94
52) Acenaphthene	9.76	154	1895350	51.343	ng	100
53) 3-Nitroaniline	9.67	138	233571	18.420	ng	96
54) 2,4-Dinitrophenol	9.78	184	302660	74.059	ng	91
55) Dibenzofuran	9.93	168	2549320	48.514	ng	99
56) 4-Nitrophenol	9.85	139	929905	98.958	ng	93
57) 2,4-Dinitrotoluene	9.92	165	728921	54.819	ng	89
58) Fluorene	10.27	166	1814466	55.367	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	568432	51.902	ng	100
60) Diethylphthalate	10.16	149	2221042	48.771	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	888407	53.118	ng	97
62) 4-Nitroaniline	10.29	138	603186	48.816	ng	93
63) Azobenzene	10.43	77	1991968	47.642	ng	96
65) 4,6-Dinitro-2-methylphenol	10.32	198	249433	44.160	ng	80
66) n-Nitrosodiphenylamine	10.39	169	1857099	49.343	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	650587	47.626	ng	96
68) Hexachlorobenzene	10.82	284	696163	47.051	ng	97
69) Atrazine	10.92	200	624746	58.095	ng	99
70) Pentachlorophenol	11.01	266	701143	82.207	ng	98
71) Phenanthrene	11.23	178	2942492	45.282	ng	100
72) Anthracene	11.28	178	3020857	45.932	ng	98
73) Carbazole	11.43	167	2834314	49.036	ng	99
74) Di-n-butylphthalate	11.77	149	3215095	46.428	ng	99
75) Fluoranthene	12.40	202	3162876	47.006	ng	99
77) Benzidine	12.52	184	552883	16.886	ng	# 91
78) Pyrene	12.63	202	3214477	47.791	ng	98
80) Butylbenzylphthalate	13.26	149	1598685	47.294	ng	96
81) Benzo(a)anthracene	13.82	228	2844796	46.558	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	410288	17.387	ng	98
83) Chrysene	13.86	228	2805801	48.062	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1932771	46.249	ng	99
85) Di-n-octyl phthalate	14.44	149	3509794	48.338	ng	98
86) Indeno(1,2,3-cd)pyrene	16.56	276	2863461	48.974	ng	99
88) Benzo(b)fluoranthene	14.84	252	3054766	49.162	ng	100
89) Benzo(k)fluoranthene	14.87	252	2532386	46.889	ng	99
90) Benzo(a)pyrene	15.17	252	2668488	48.885	ng	98
91) Dibenzo(a,h)anthracene	16.58	278	2329303	48.290	ng	99
92) Benzo(g,h,i)perylene	16.96	276	2413470	51.552	ng	99

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

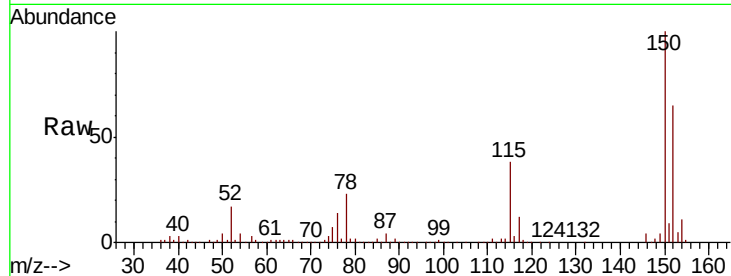


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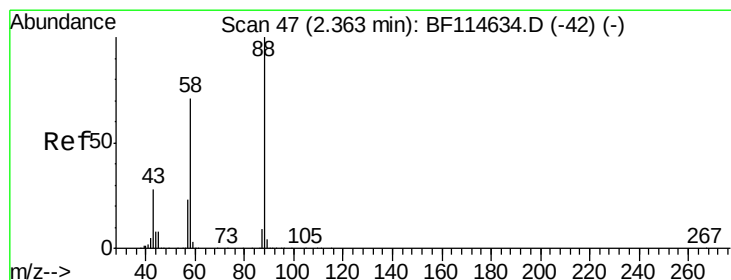
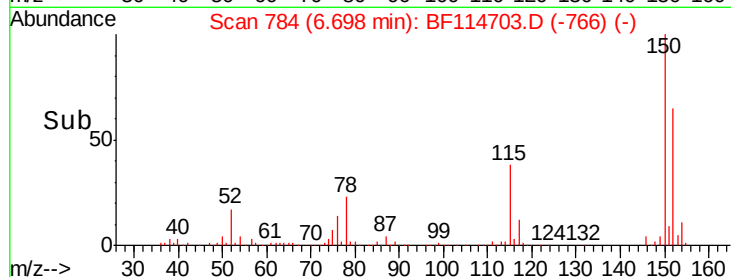
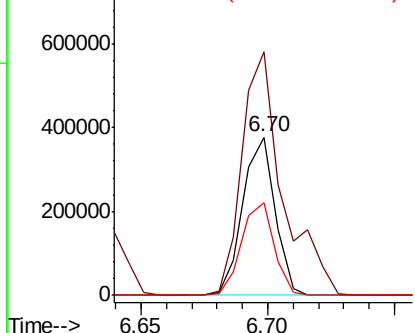
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion:152 Resp: 335551
Ion Ratio Lower Upper
152 100
150 154.2 124.4 186.6
115 58.9 48.7 73.1



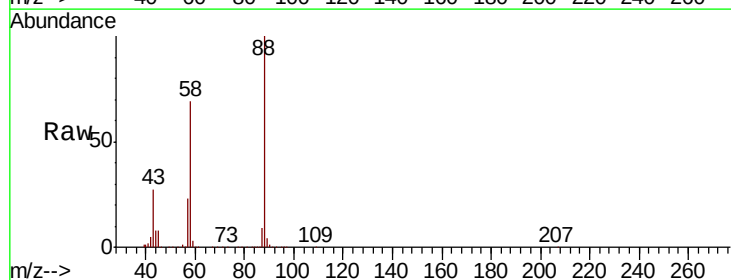
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



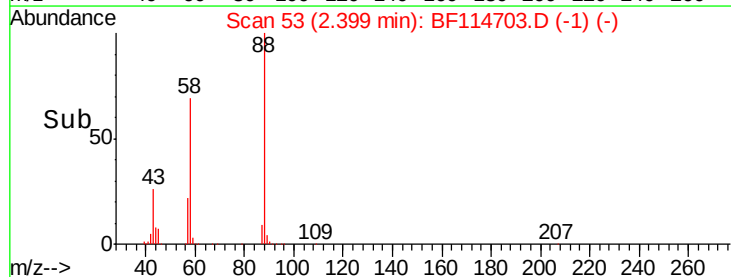
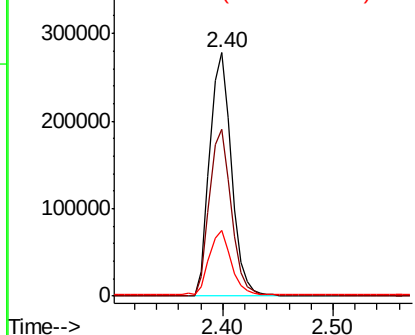
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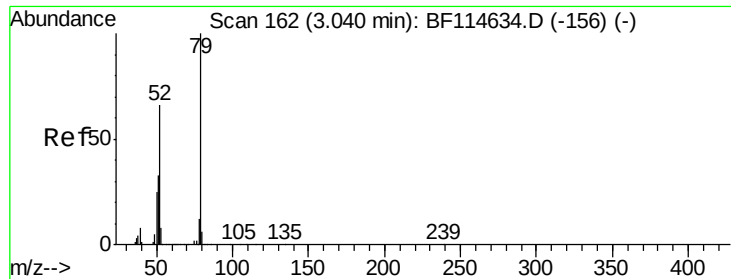
1,4-Dioxane
Concen: 40.964 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.04 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion: 88 Resp: 375701
Ion Ratio Lower Upper
88 100
58 69.0 57.2 85.8
43 26.5 22.6 33.8



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

Pyridine

Concen: 41.059 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.05 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

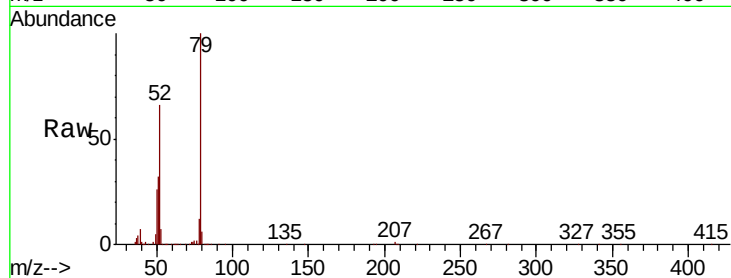
Tgt Ion: 79 Resp: 1095955

Ion Ratio Lower Upper

79 100

52 65.8 52.8 79.2

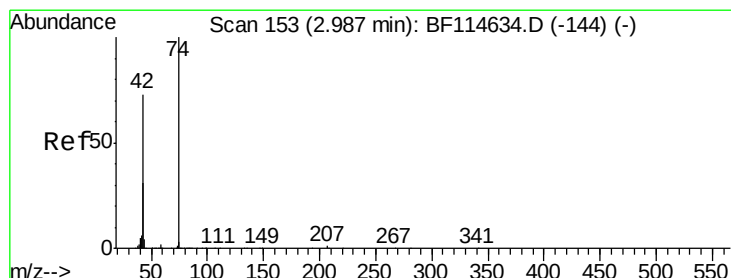
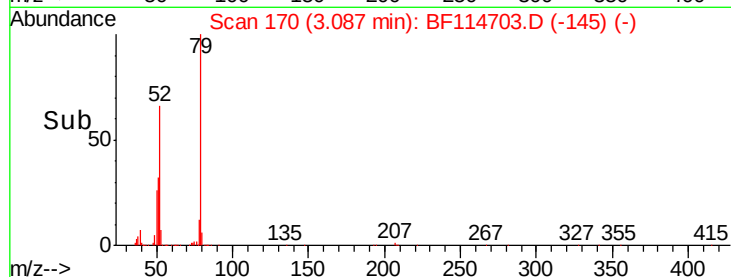
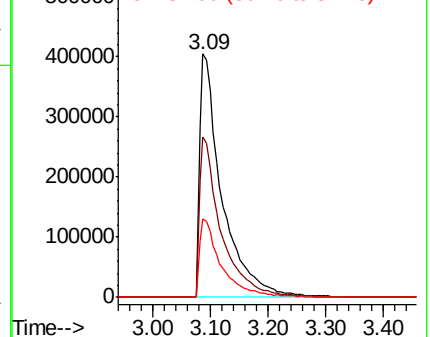
51 32.3 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.114 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.04 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

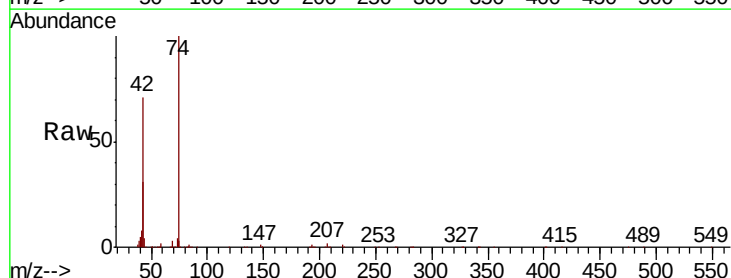
Tgt Ion: 42 Resp: 465696

Ion Ratio Lower Upper

42 100

74 141.7 110.0 165.0

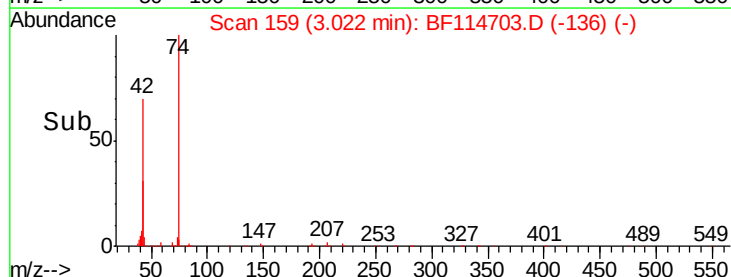
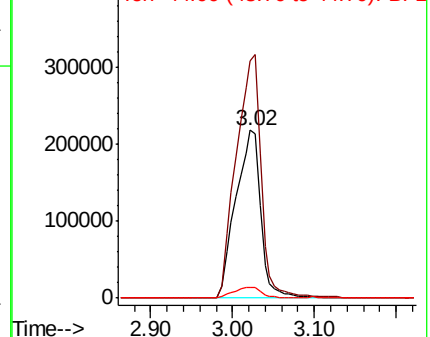
44 6.4 5.6 8.4

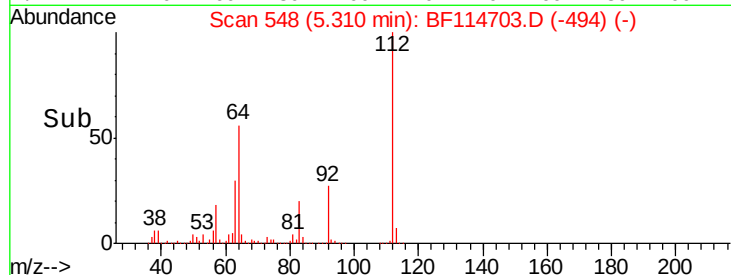
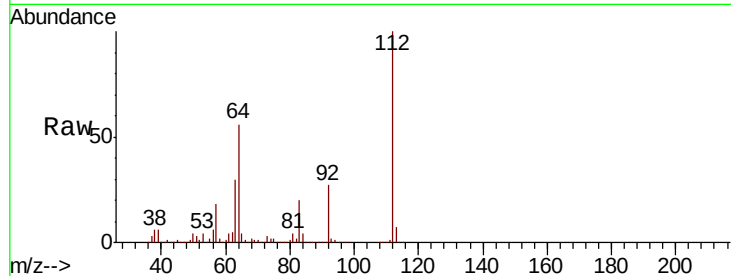
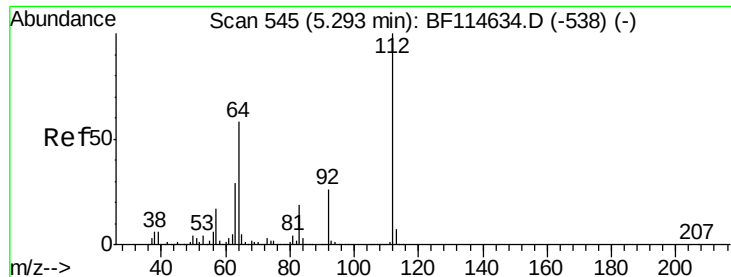


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 130.384 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

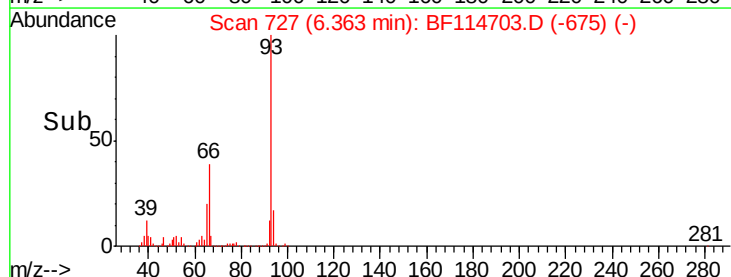
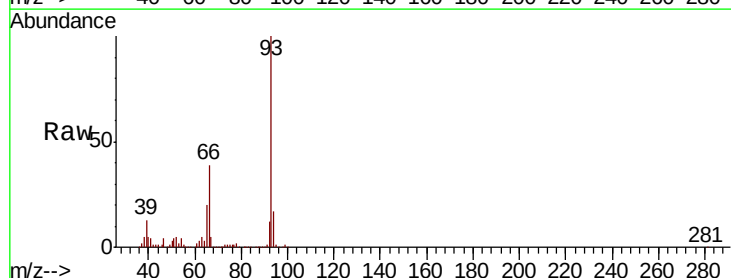
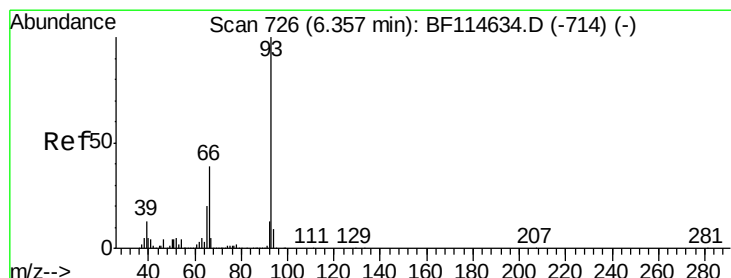
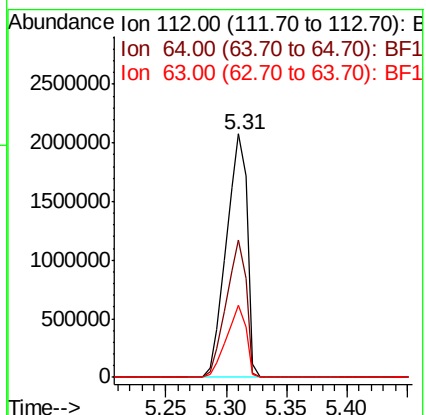
Tgt Ion:112 Resp: 2491892

Ion Ratio Lower Upper

112 100

64 56.4 46.1 69.1

63 29.7 23.4 35.2



#6

Aniline

Concen: 13.038 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

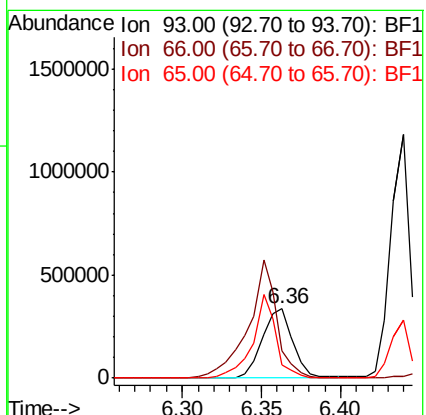
Tgt Ion: 93 Resp: 453562

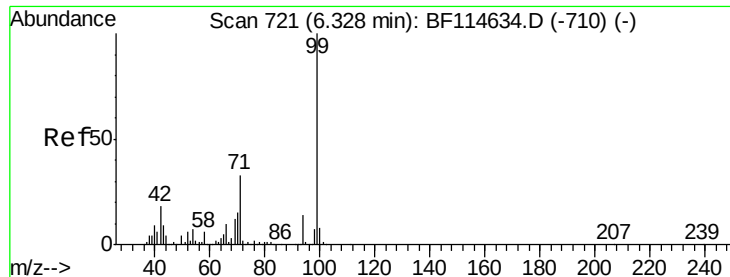
Ion Ratio Lower Upper

93 100

66 39.5 31.4 47.2

65 19.9 16.2 24.2





#7

Phenol-d6

Concen: 136.238 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114703.D

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ClientSampleId :

SUP-2A-C-4-052019MS

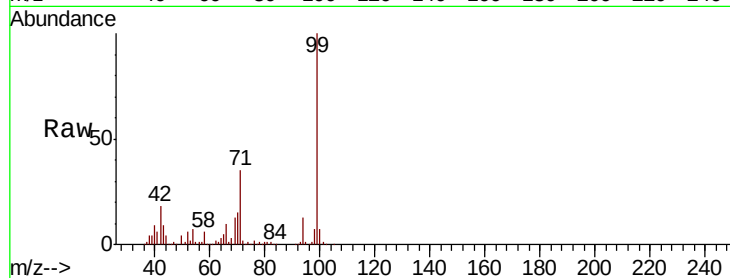
Tgt Ion: 99 Resp: 3137657

Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

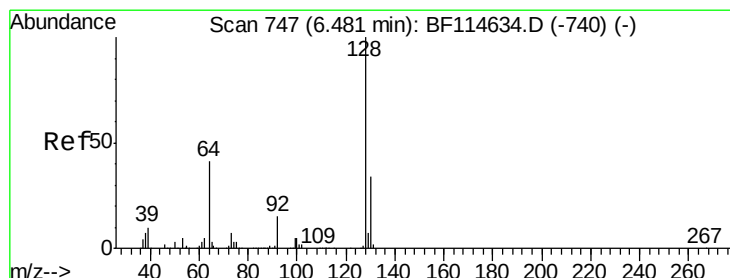
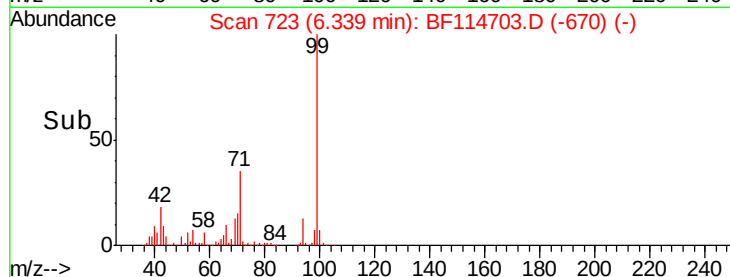
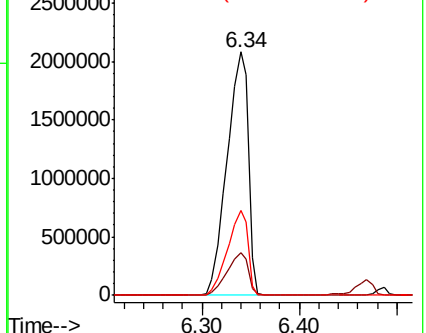
71 35.0 26.6 40.0



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: 48.515 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF114703.D

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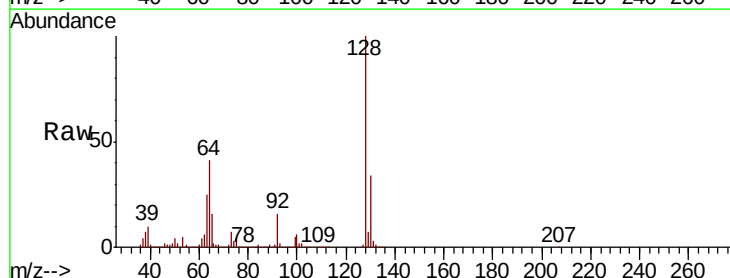
Tgt Ion: 128 Resp: 1070814

Ion Ratio Lower Upper

128 100

130 33.7 13.9 53.9

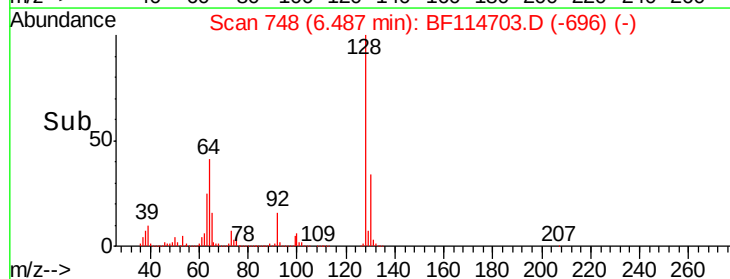
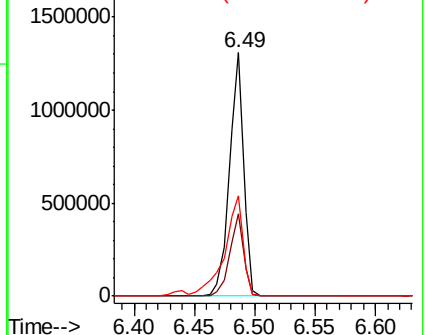
64 41.0 22.0 62.0

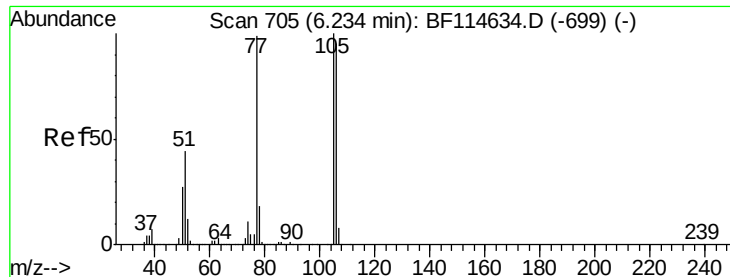


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.252 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114703.D

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ClientSampleId :

SUP-2A-C-4-052019MS

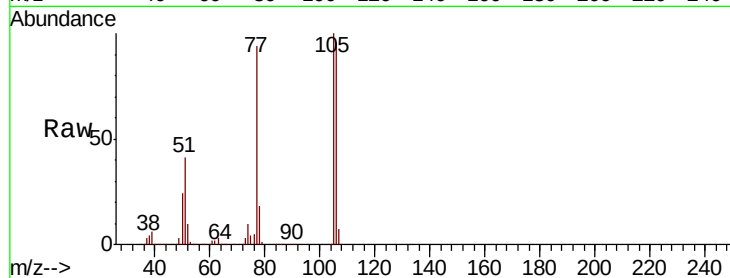
Tgt Ion: 77 Resp: 562221

Ion Ratio Lower Upper

77 100

105 105.9 80.8 120.8

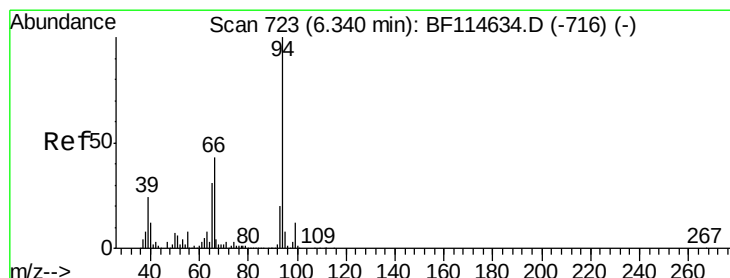
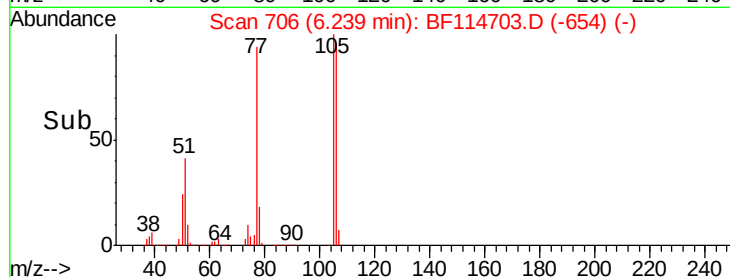
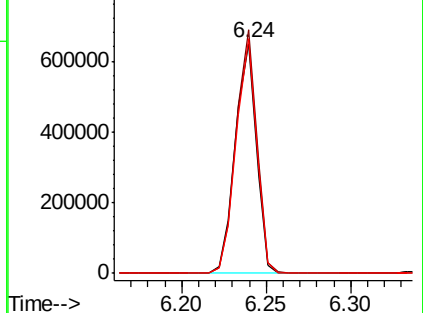
106 102.1 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.508 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

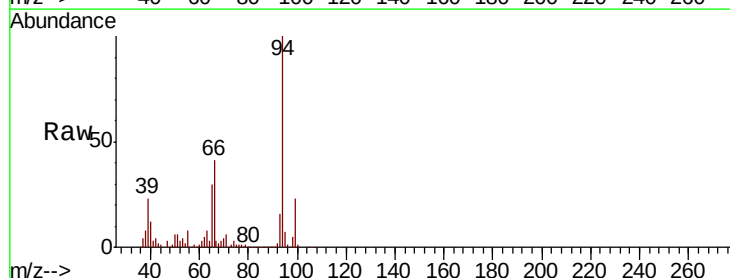
Tgt Ion: 94 Resp: 1238294

Ion Ratio Lower Upper

94 100

65 29.5 11.0 51.0

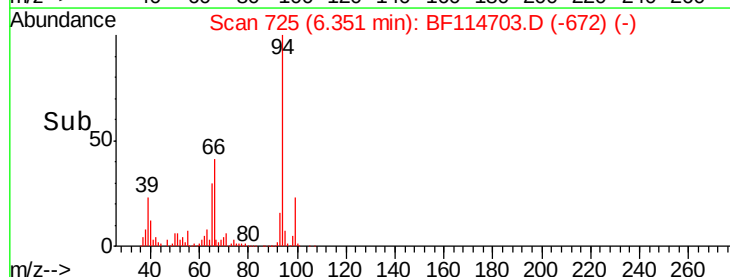
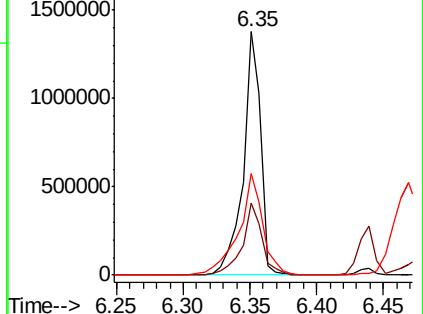
66 41.5 23.0 63.0

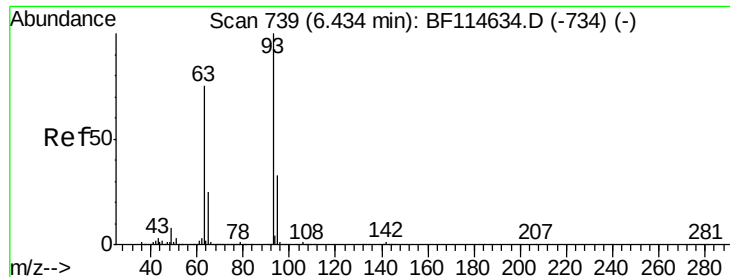


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

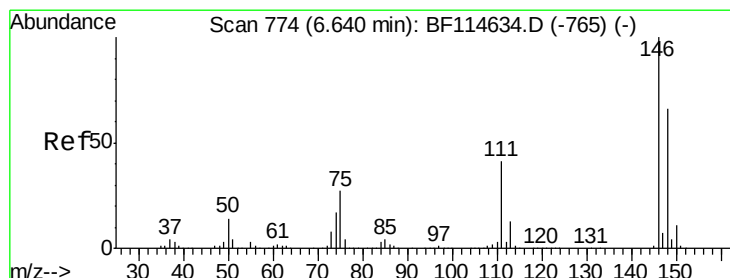
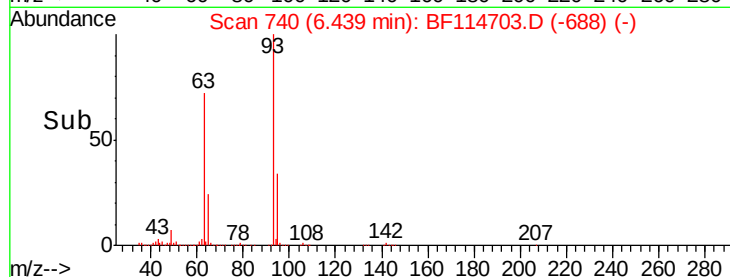
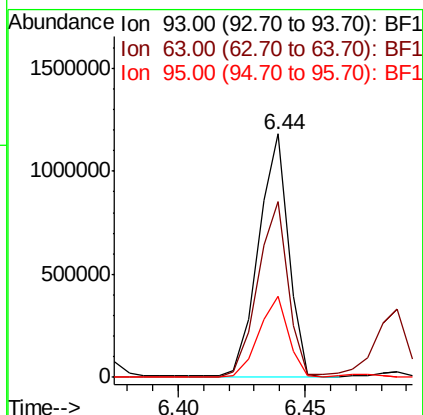
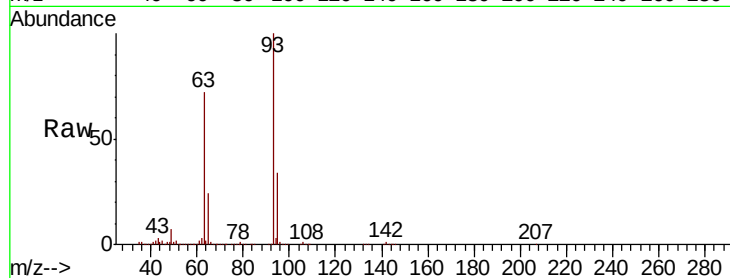




#11
bis(2-Chloroethyl)ether
Concen: 45.615 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

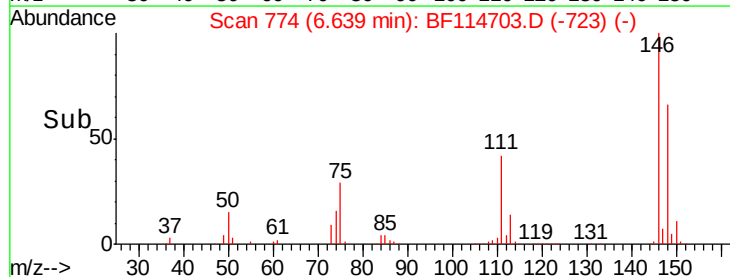
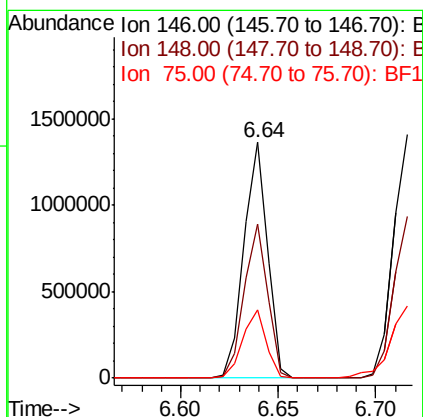
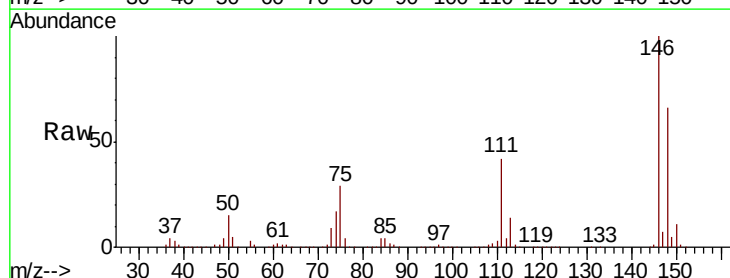
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

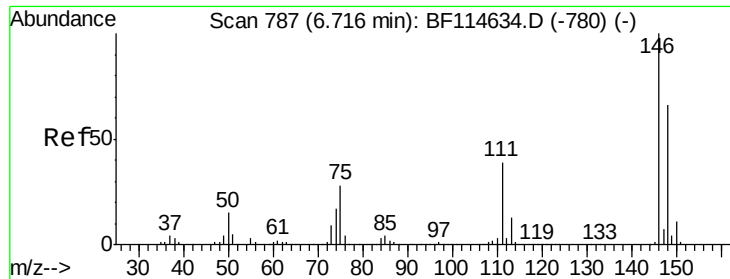
Tgt Ion: 93 Resp: 970726
Ion Ratio Lower Upper
93 100
63 72.4 55.0 95.0
95 33.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 45.469 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion: 146 Resp: 1143375
Ion Ratio Lower Upper
146 100
148 65.5 52.9 79.3
75 29.2 22.0 33.0

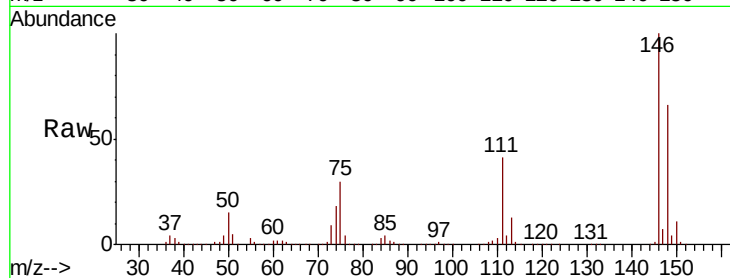




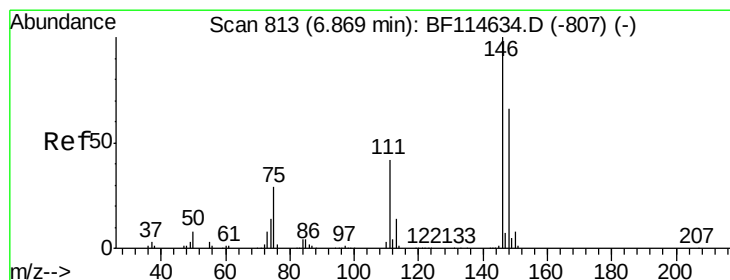
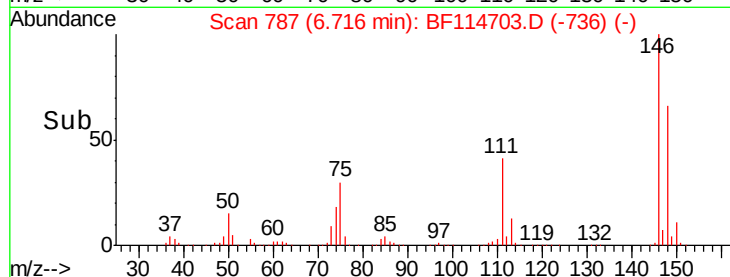
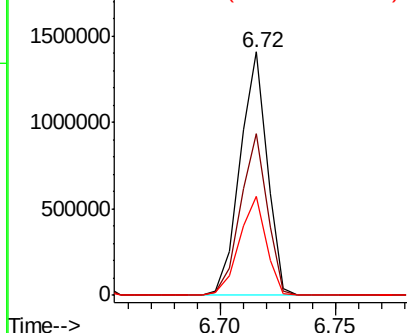
#13
 1,4-Dichlorobenzene
 Concen: 45.628 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

Tgt Ion:146 Resp: 1151050
 Ion Ratio Lower Upper
 146 100
 148 66.5 52.5 78.7
 111 40.6 31.4 47.2

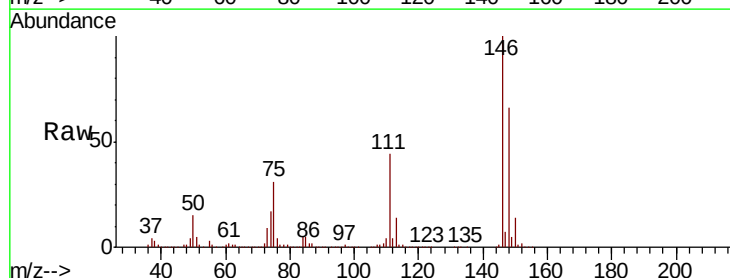


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

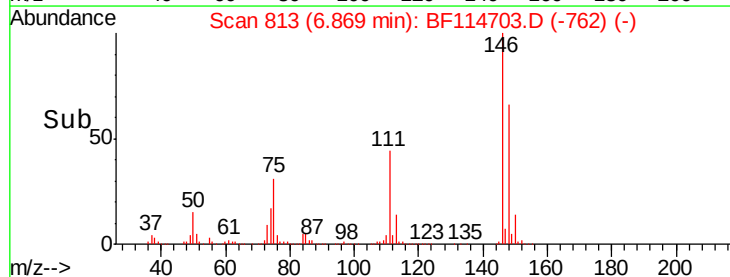
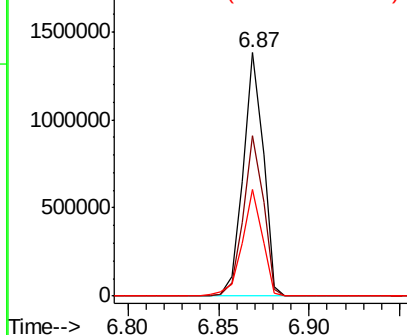


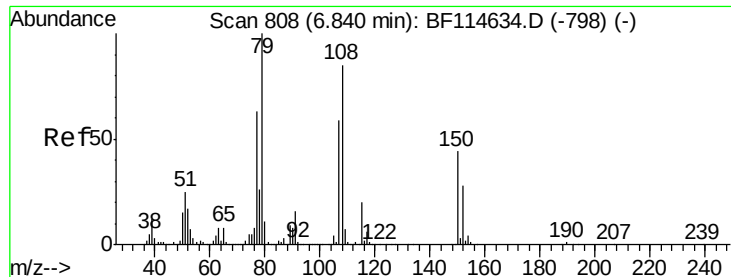
#14
 1,2-Dichlorobenzene
 Concen: 46.353 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion:146 Resp: 1064592
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 79.0
 111 43.8 34.1 51.1



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: 48.386 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

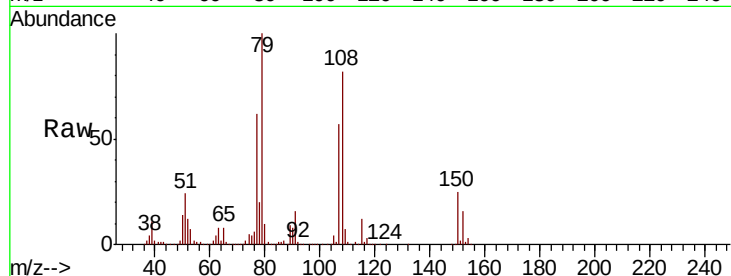
Tgt Ion: 79 Resp: 876557

Ion Ratio Lower Upper

79 100

108 82.3 67.8 101.8

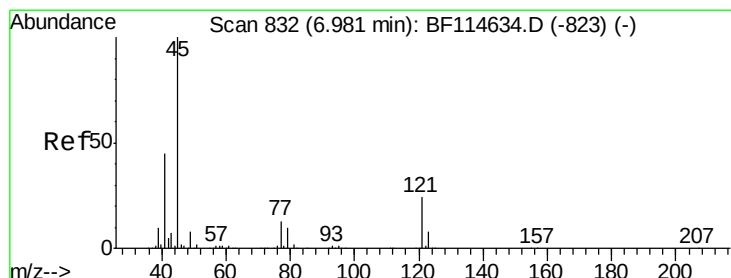
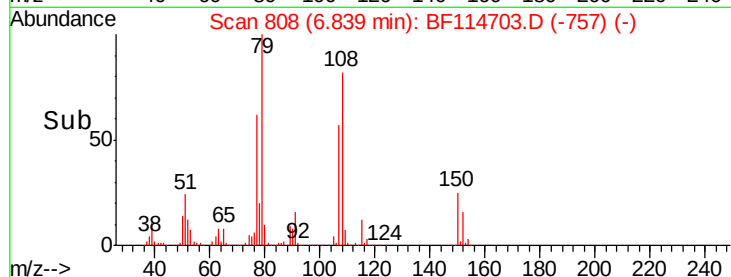
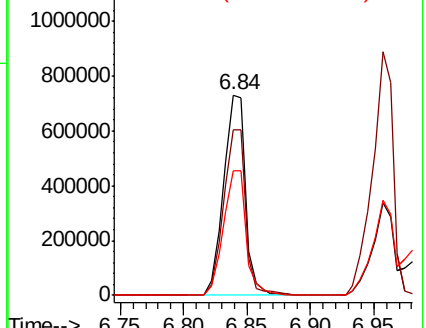
77 62.0 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.077 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

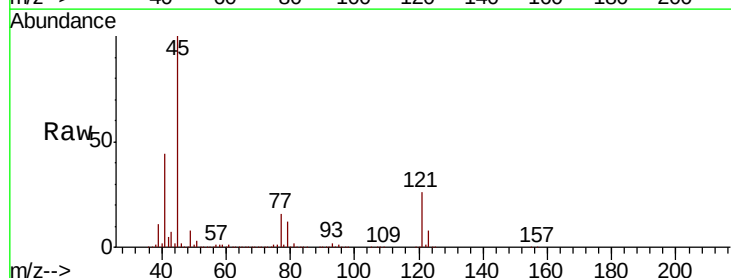
Tgt Ion: 45 Resp: 1373393

Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.7

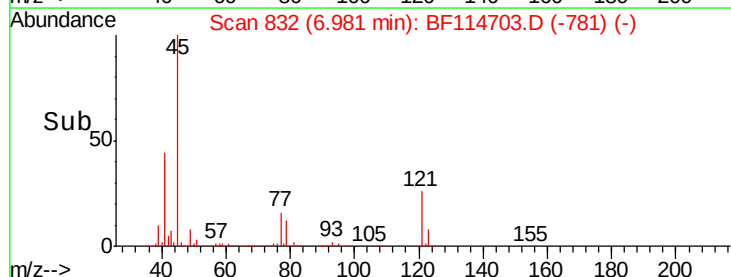
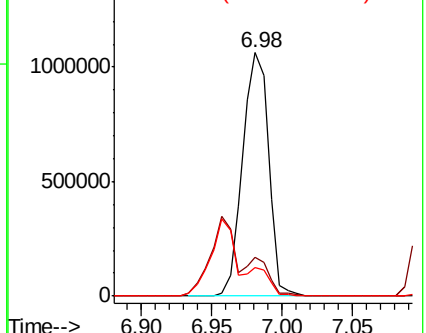
79 11.7 0.0 31.3

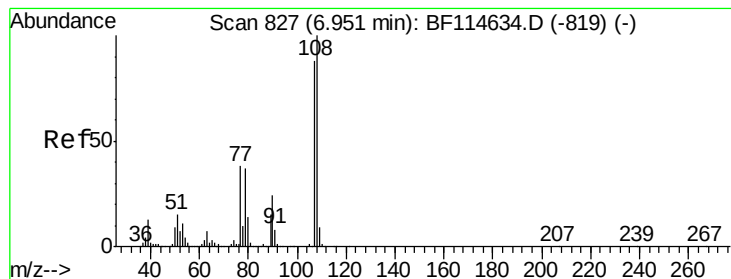


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 47.972 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

Tgt Ion:107 Resp: 895552

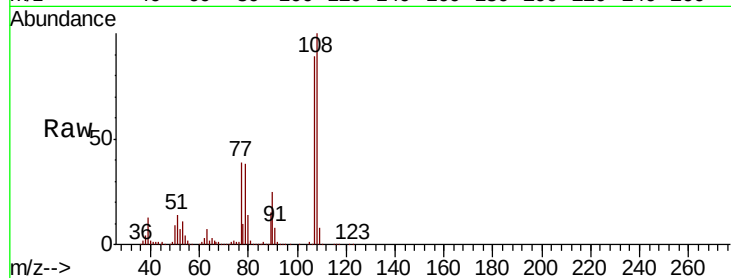
Ion Ratio Lower Upper

107 100

108 112.8 91.1 136.7

77 44.4 34.9 52.3

79 43.0 33.8 50.6

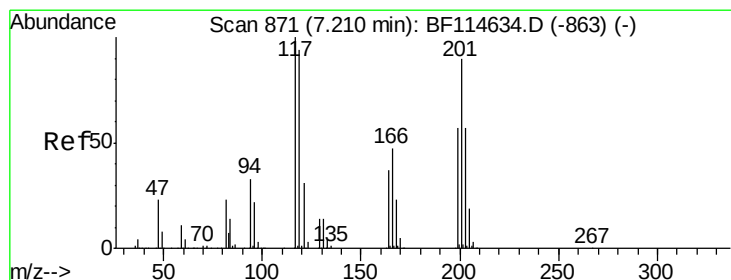
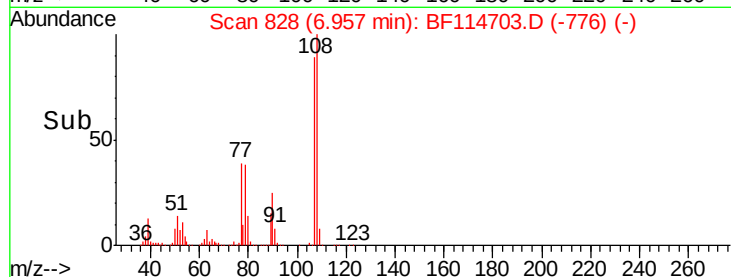
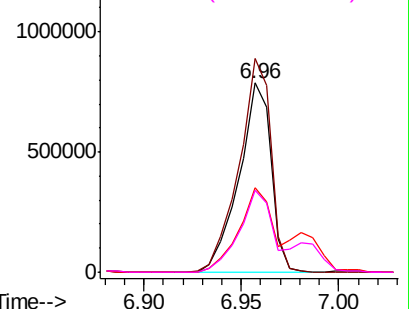


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.104 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

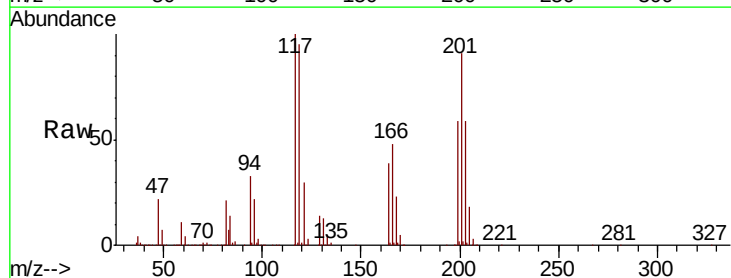
Tgt Ion:117 Resp: 421252

Ion Ratio Lower Upper

117 100

119 94.7 75.6 113.4

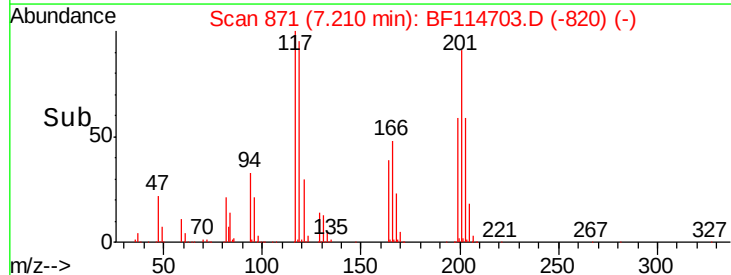
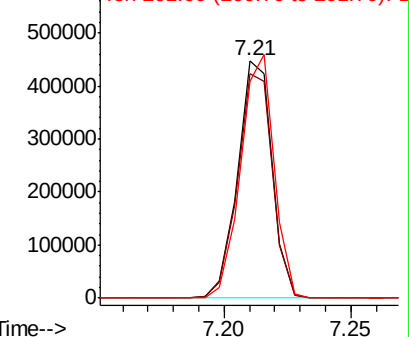
201 91.5 71.7 107.5

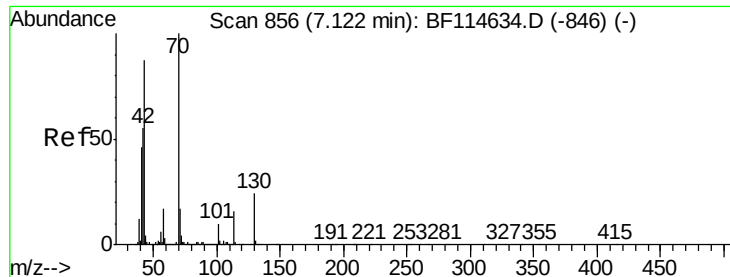


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

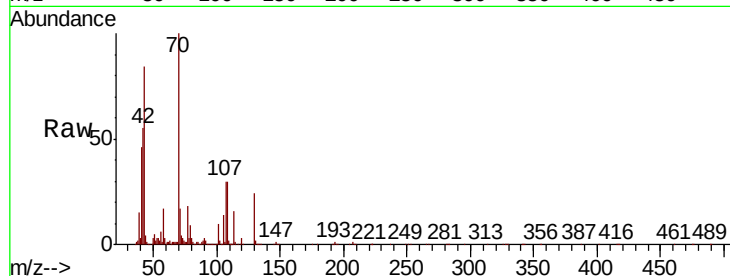




#19
n-Nitroso-di-n-propylamine
Concen: 43.633 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion:	70	Resp:	693629
Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.4	66.6
101	9.9	8.2	12.4
130	24.1	19.4	29.0



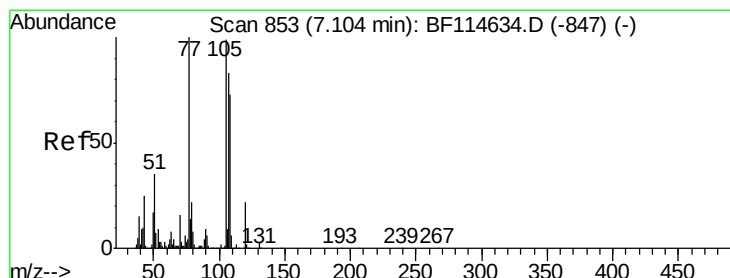
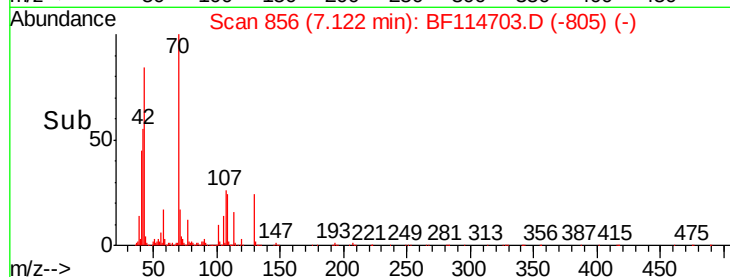
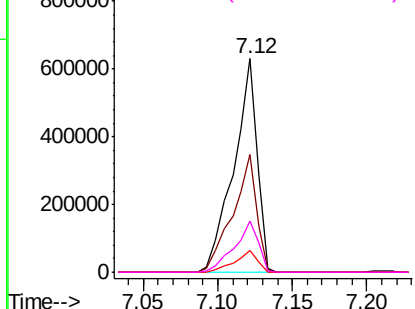
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

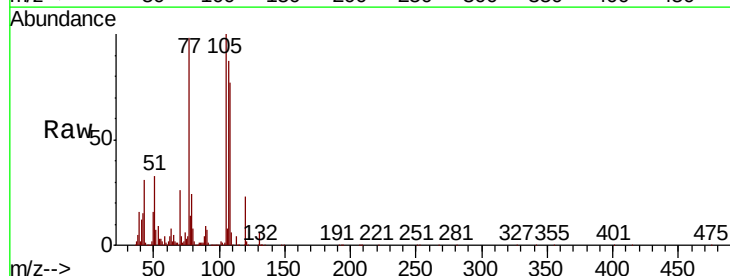
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 46.123 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:	107	Resp:	1012673
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.6	108.6
77	113.2	100.5	140.5
79	27.2	7.0	47.0



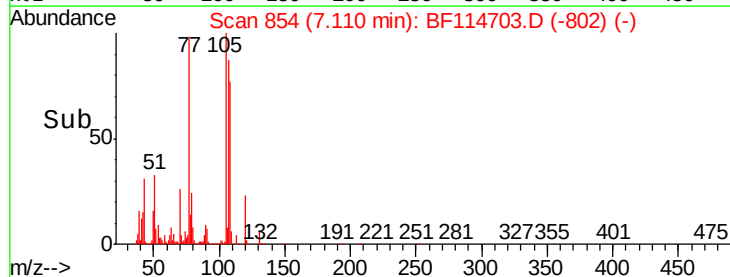
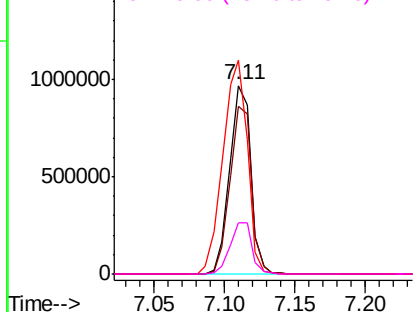
Abundance

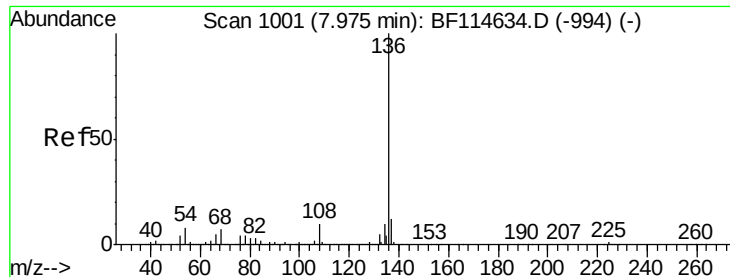
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

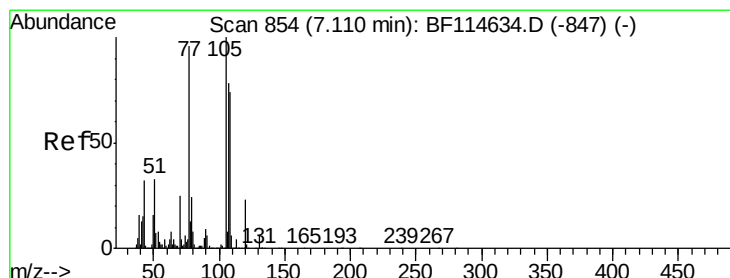
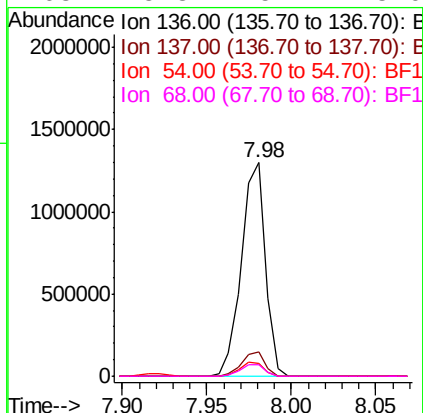
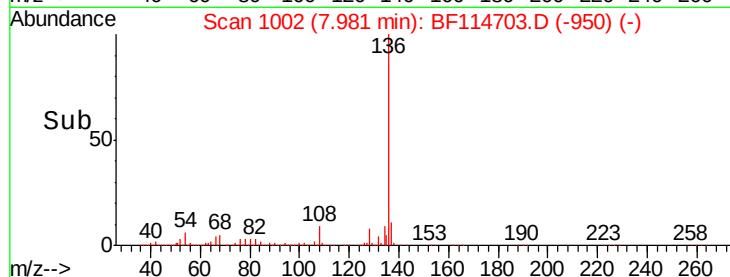
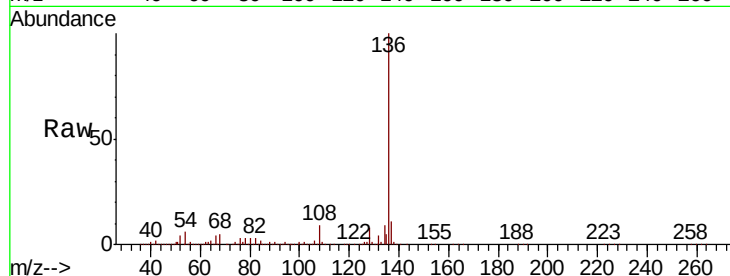




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

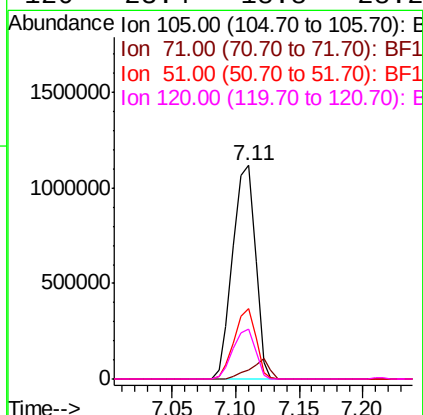
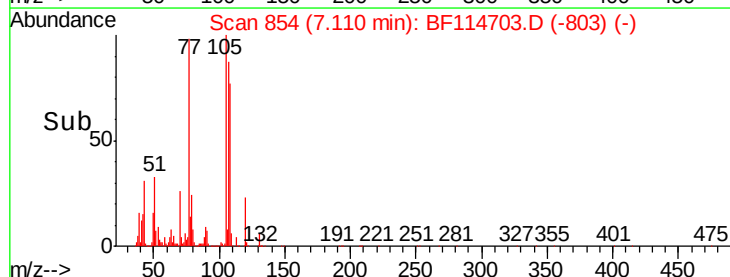
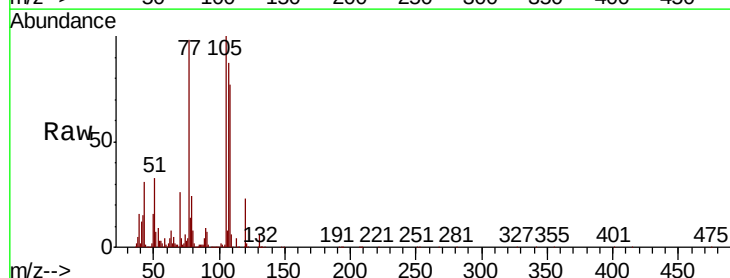
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

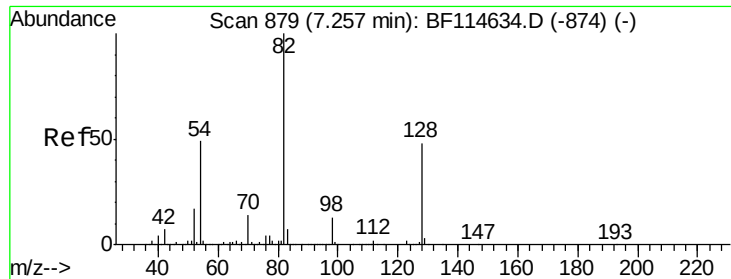
Tgt Ion:	136	Resp:	1288633
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.3	6.3	9.5#
68	5.3	5.4	8.0#



#22
Acetophenone
Concen: 50.373 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:	105	Resp:	1383075
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.6	5.4
51	33.0	26.0	39.0
120	23.4	18.8	28.2

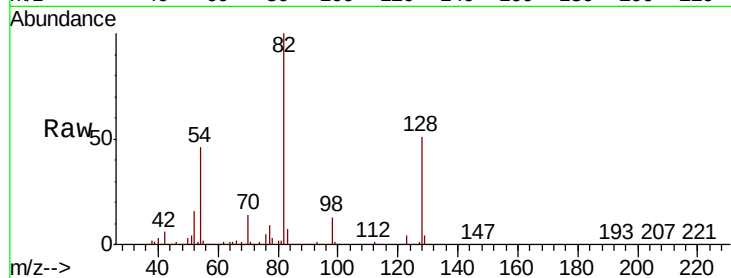




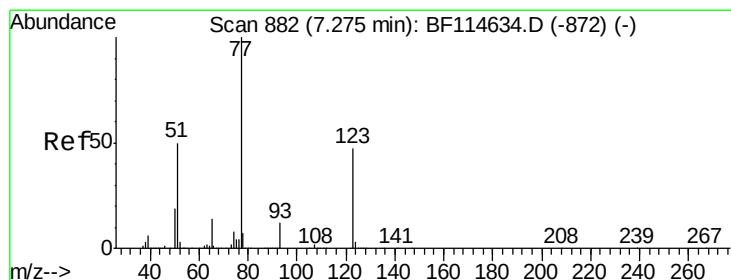
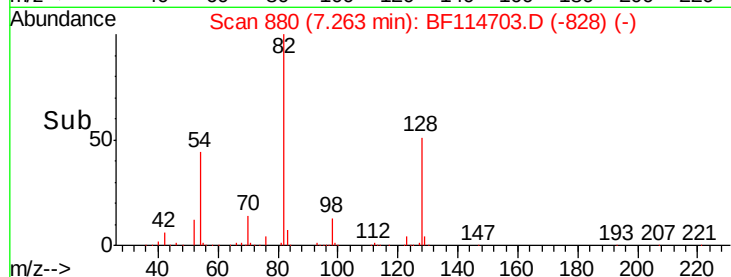
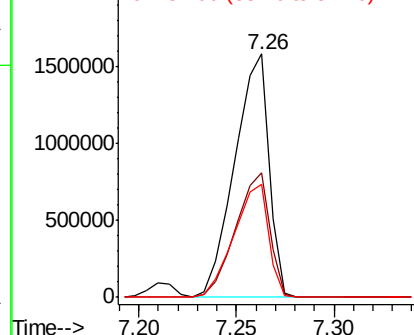
#23
 Nitrobenzene-d5
 Concen: 93.550 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

Tgt Ion: 82 Resp: 1932246
 Ion Ratio Lower Upper
 82 100
 128 51.1 38.5 57.7
 54 46.5 39.1 58.7

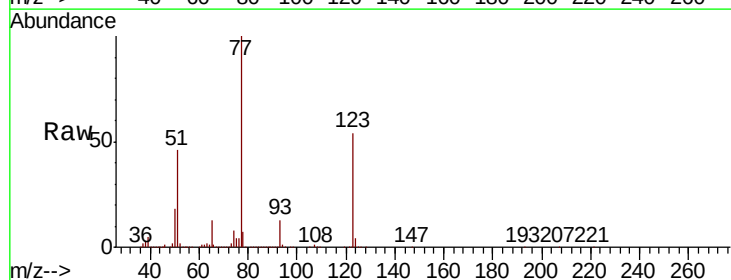


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

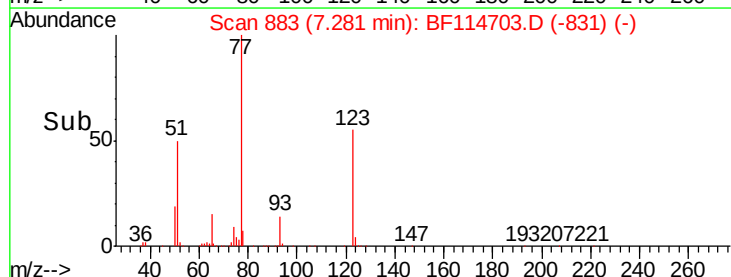
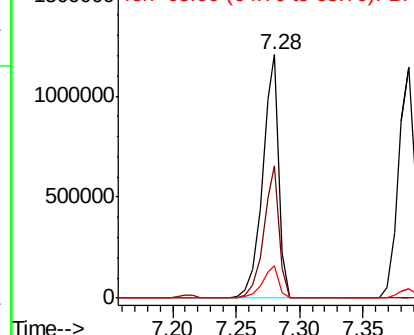


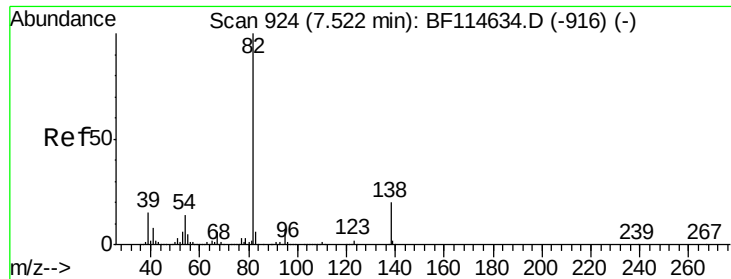
#24
 Nitrobenzene
 Concen: 49.100 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion: 77 Resp: 1077282
 Ion Ratio Lower Upper
 77 100
 123 54.1 38.5 57.7
 65 13.2 11.2 16.8



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: 47.392 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

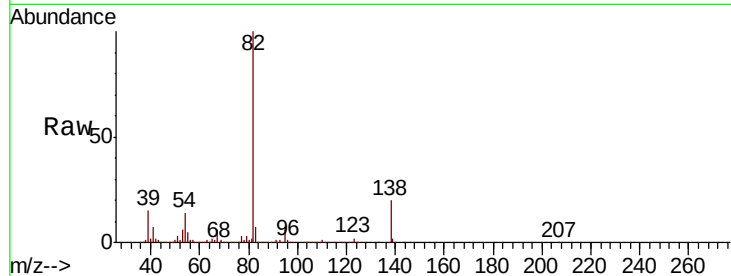
Tgt Ion: 82 Resp: 1964472

Ion Ratio Lower Upper

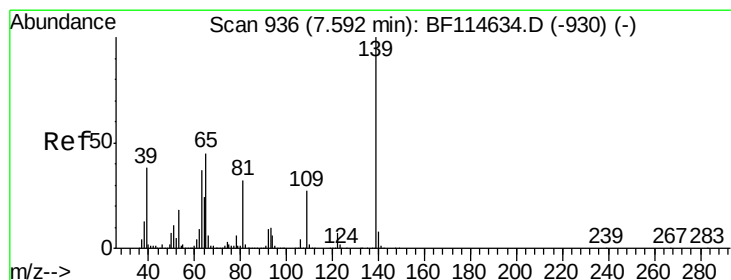
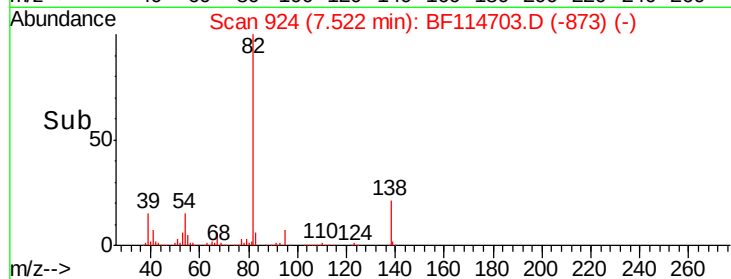
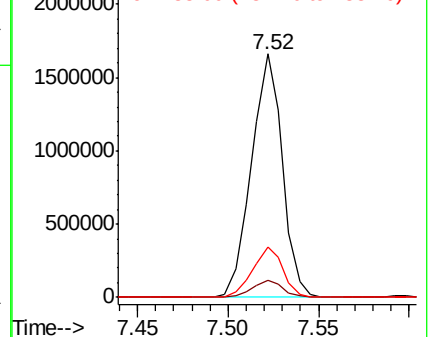
82 100

95 7.2 5.6 8.4

138 20.4 15.9 23.9



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: 55.165 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

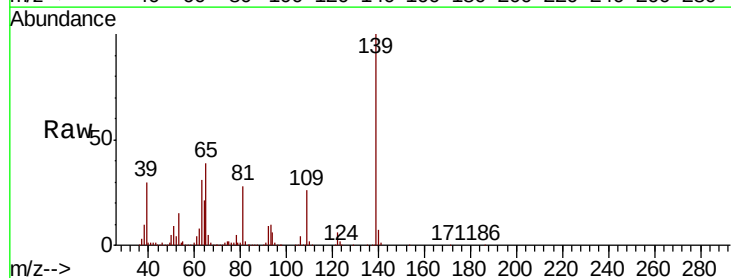
Tgt Ion: 139 Resp: 589164

Ion Ratio Lower Upper

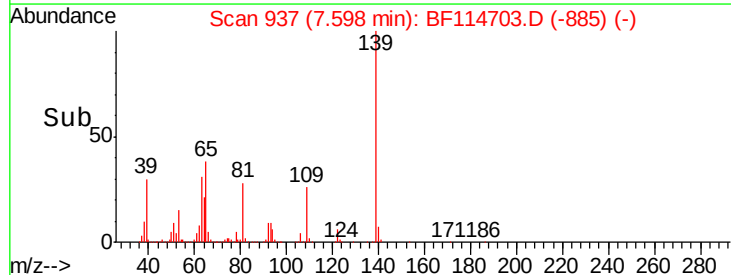
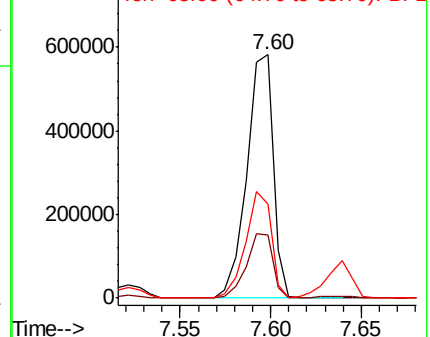
139 100

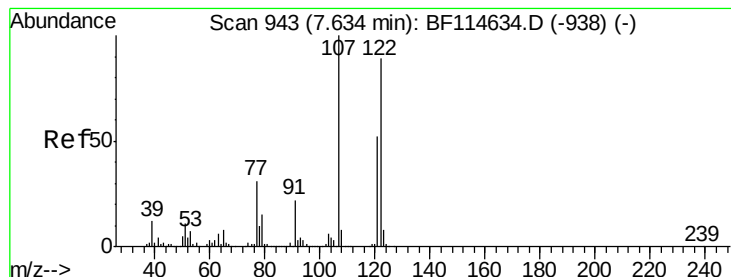
109 25.8 21.7 32.5

65 38.6 36.3 54.5



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: 52.884 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

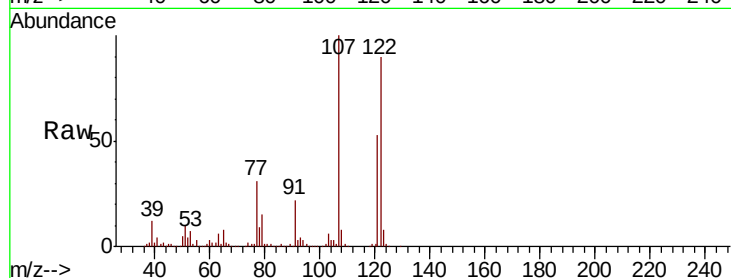
Tgt Ion:122 Resp: 939332

Ion Ratio Lower Upper

122 100

107 110.8 89.3 133.9

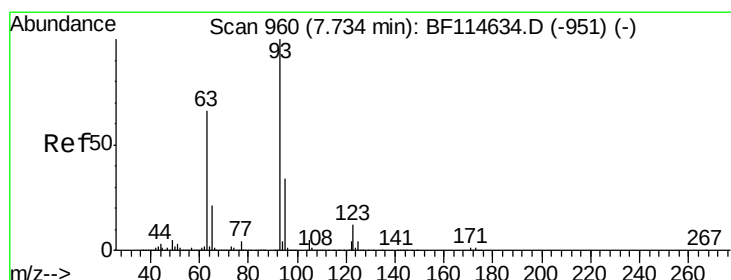
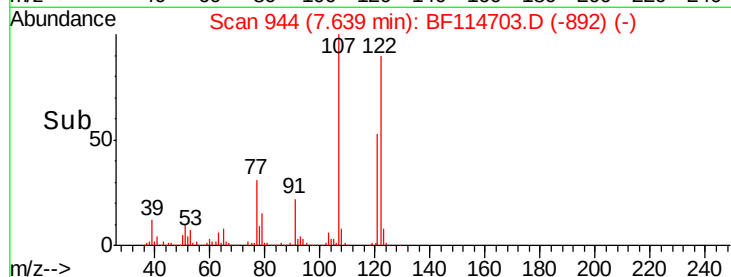
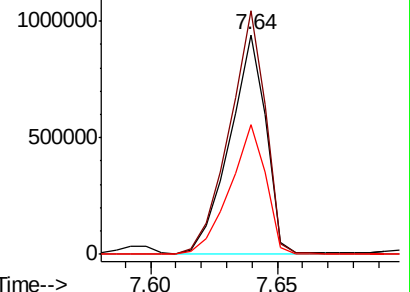
121 59.2 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.575 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

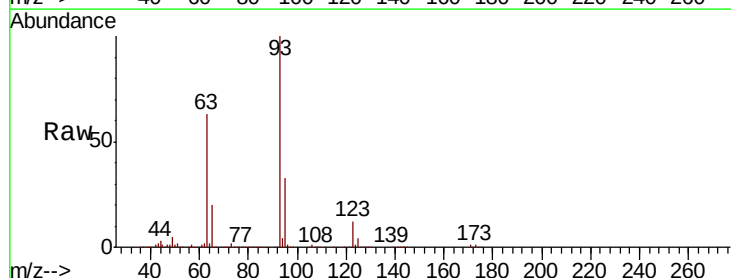
Tgt Ion: 93 Resp: 1255360

Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

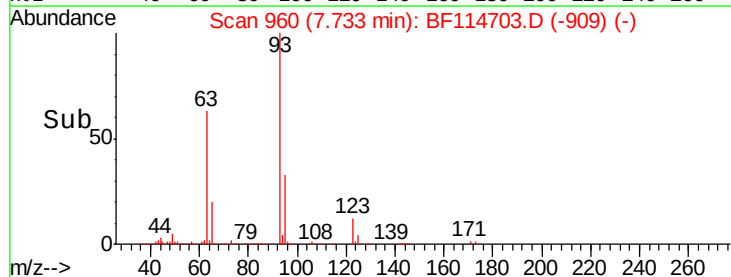
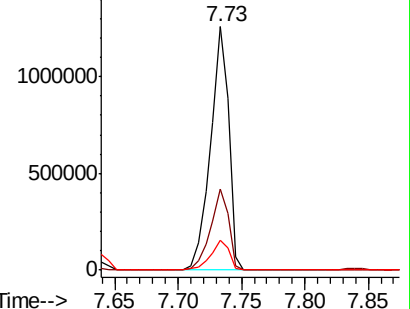
123 12.0 10.2 15.2

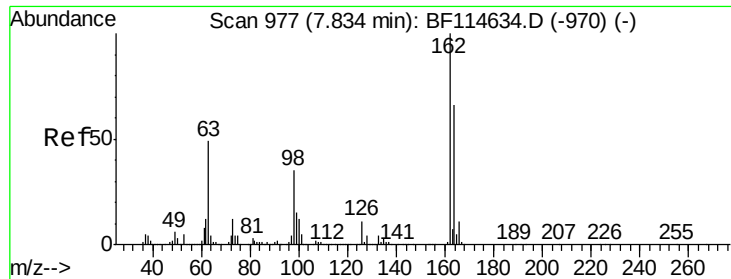


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

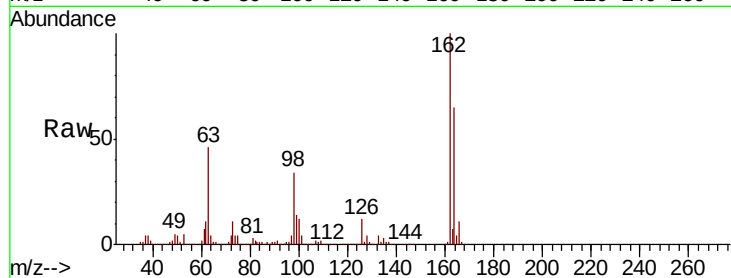




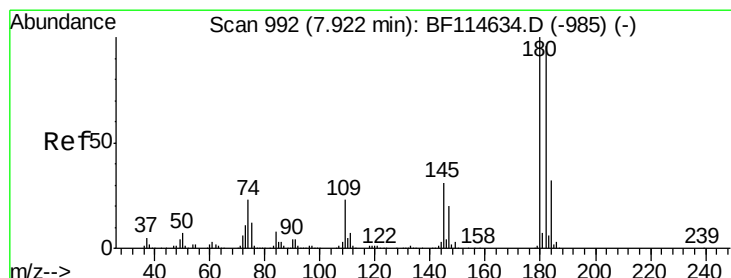
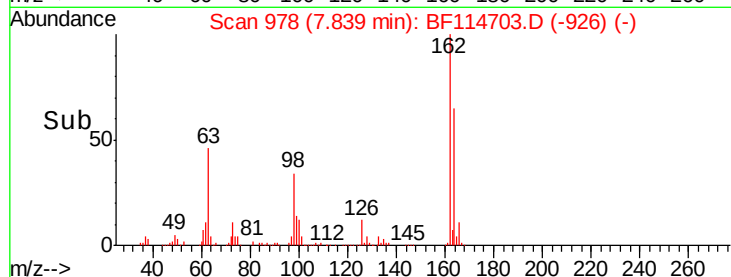
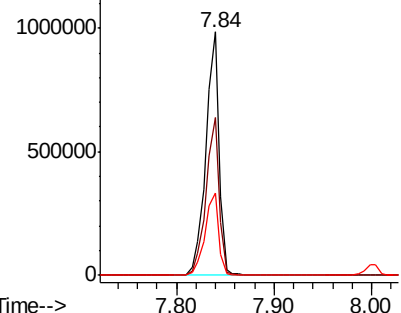
#29
2,4-Dichlorophenol
Concen: 51.365 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.8	85.8
98	34.0	14.9	54.9

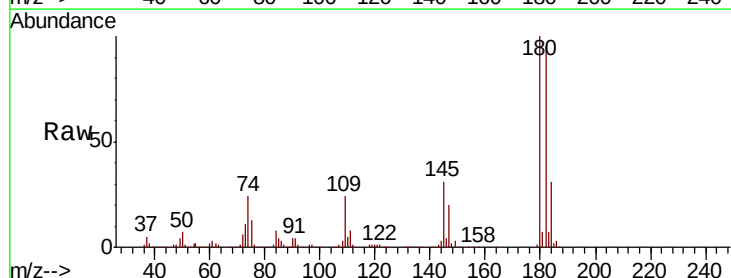


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

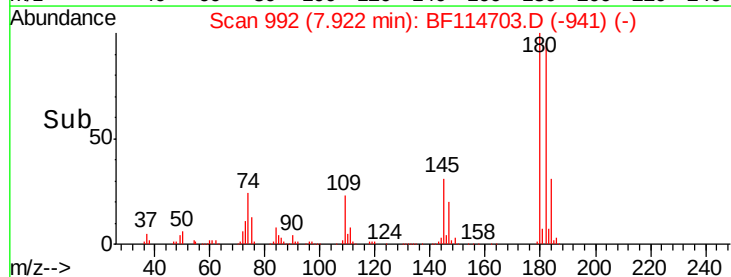
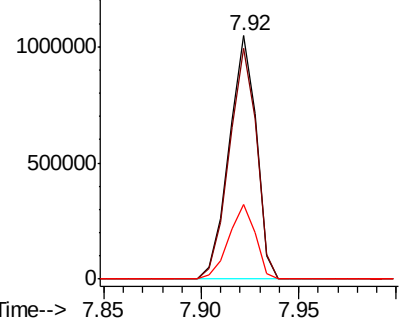


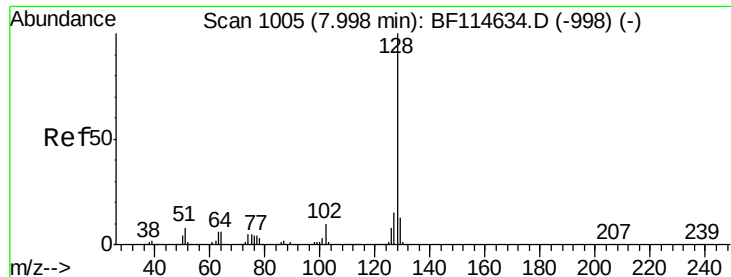
#30
1,2,4-Trichlorobenzene
Concen: 49.090 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
145	30.8	24.5	36.7



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

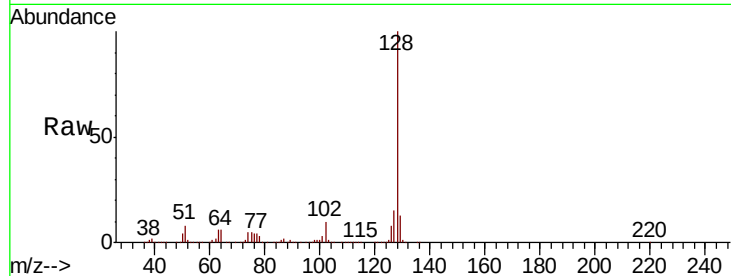




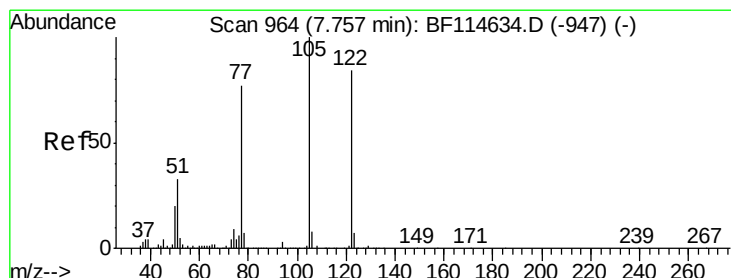
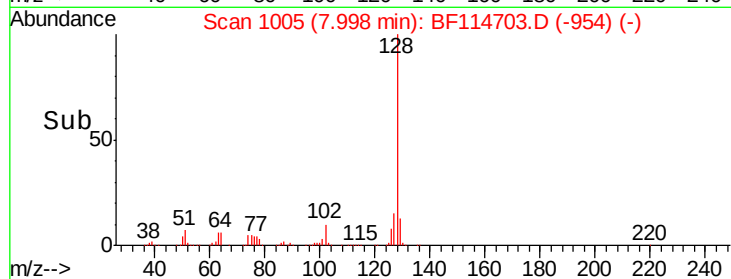
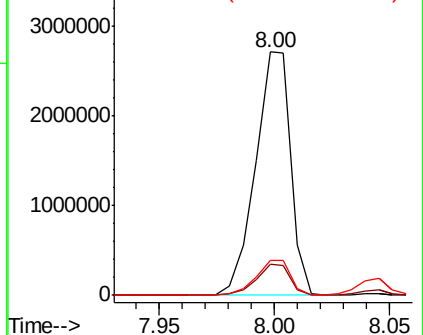
#31
Naphthalene
Concen: 48.501 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion:128 Resp: 2878869
Ion Ratio Lower Upper
128 100
129 12.6 10.2 15.2
127 14.6 11.9 17.9

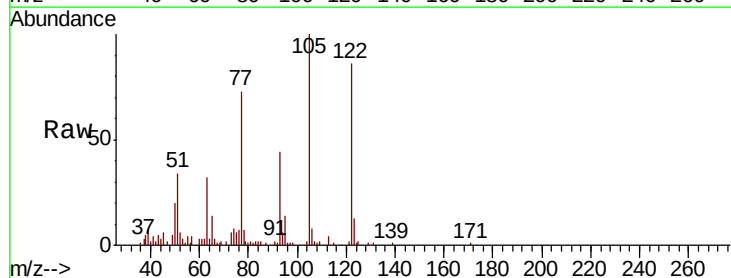


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

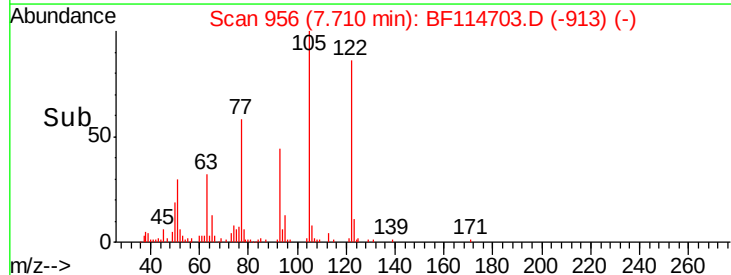
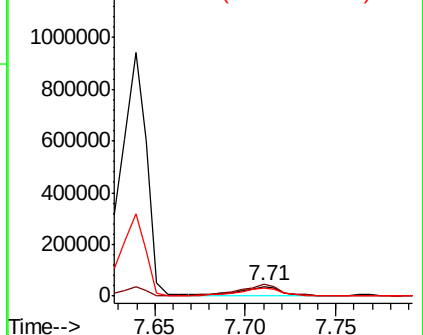


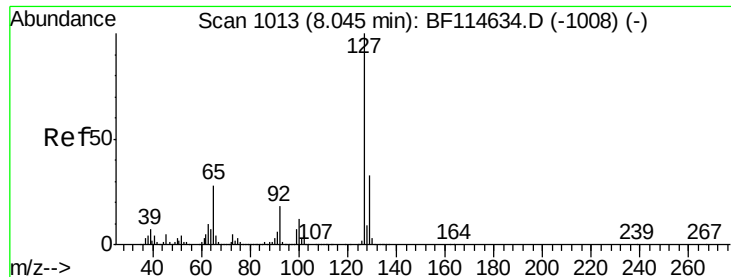
#32
Benzoic acid
Concen: 4.878 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.05 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:122 Resp: 56278
Ion Ratio Lower Upper
122 100
105 115.7 98.3 138.3
77 84.9 70.7 110.7



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

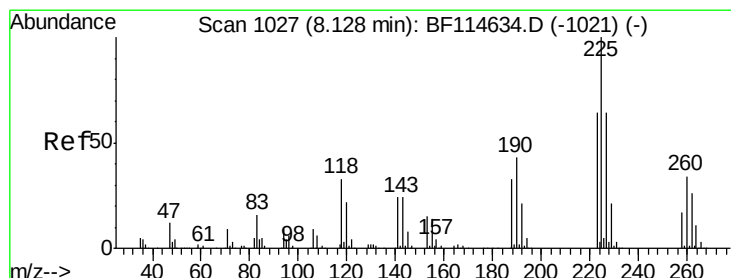
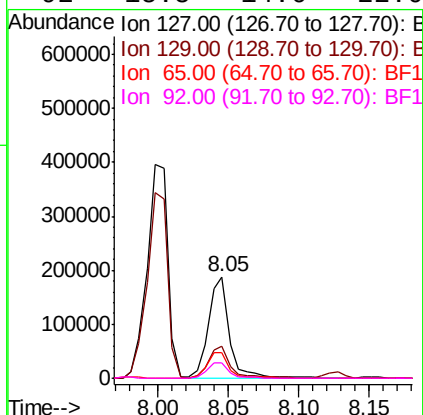
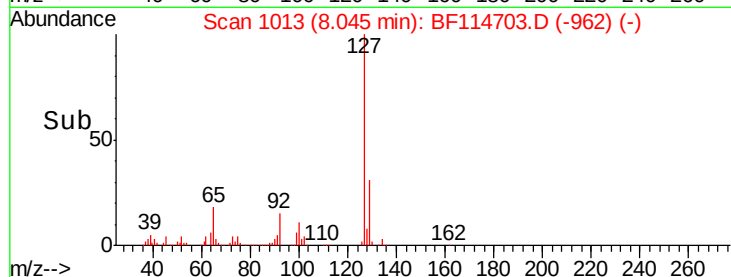
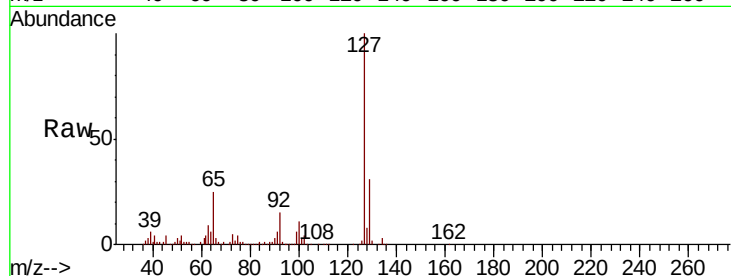




#33
4-Chloroaniline
Concen: 6.734 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

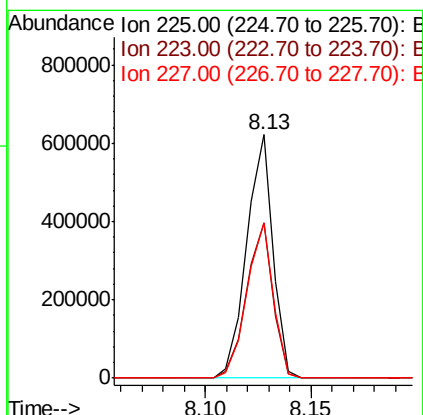
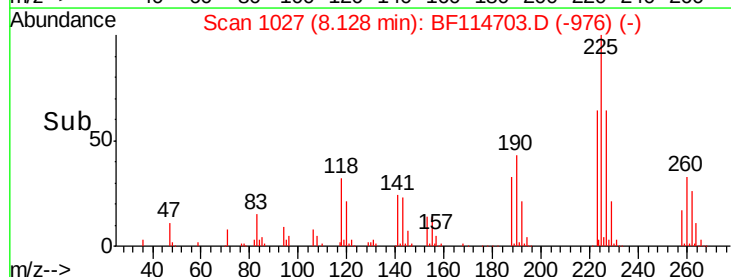
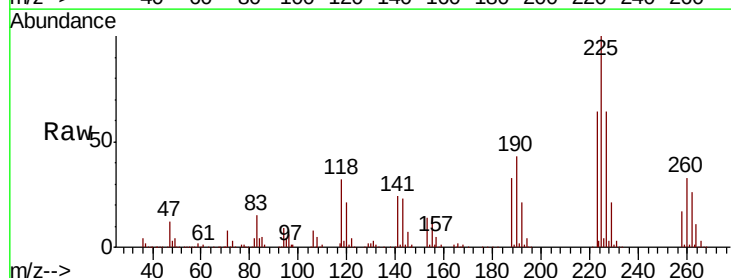
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

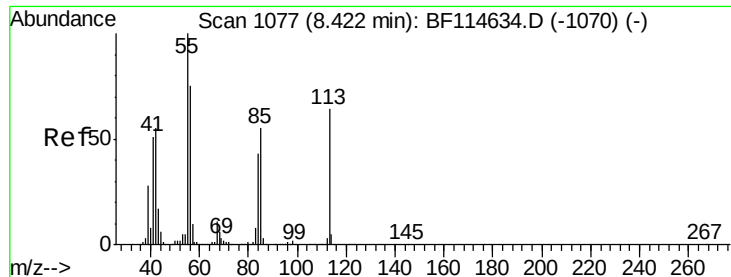
Tgt Ion:	127	Resp:	190438
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.7	40.1
65	24.9	22.5	33.7
92	15.5	14.6	22.0



#34
Hexachlorobutadiene
Concen: 46.917 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:	225	Resp:	536854
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.9	76.3
227	64.0	51.3	76.9

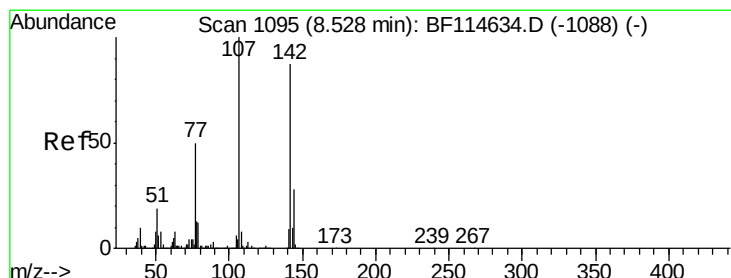
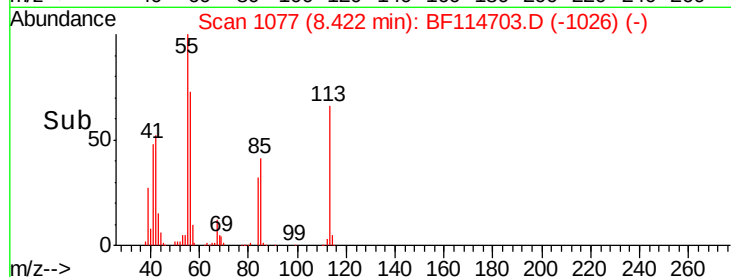
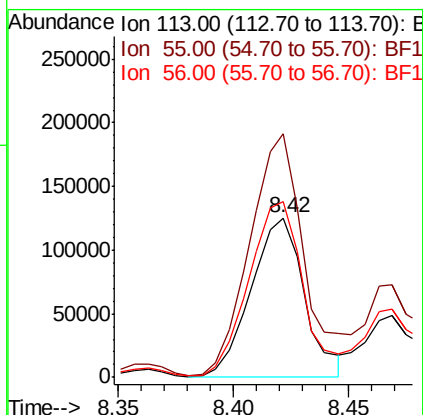
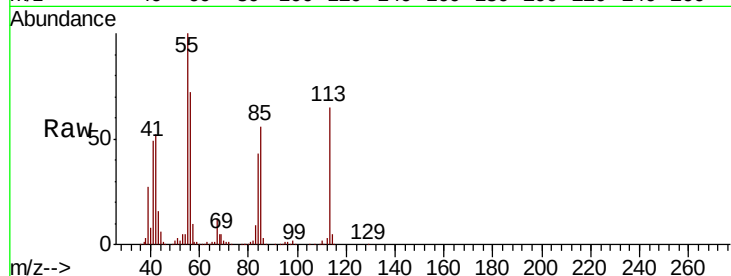




#35
 Caprolactam
 Concen: 32.964 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

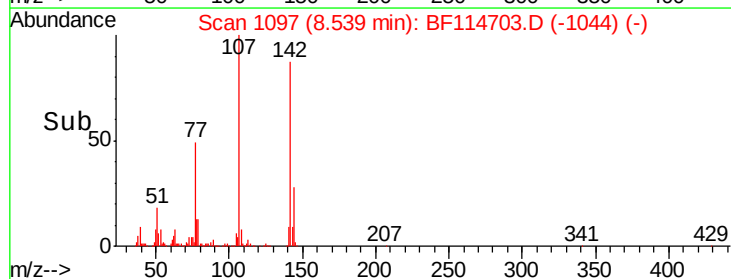
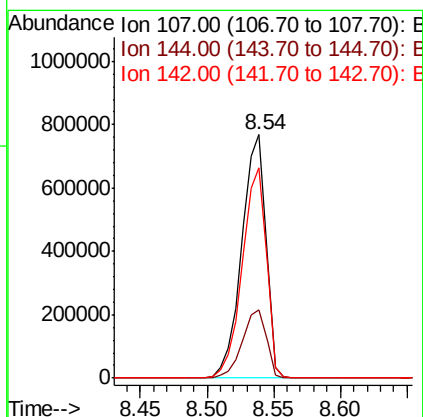
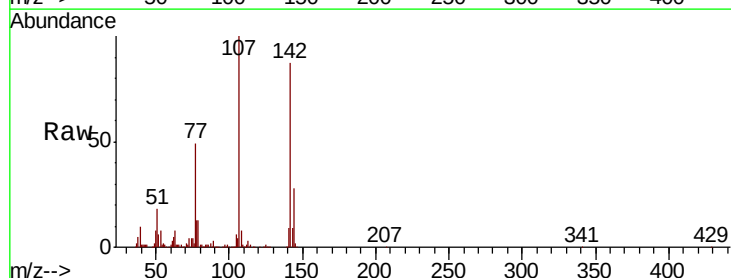
Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

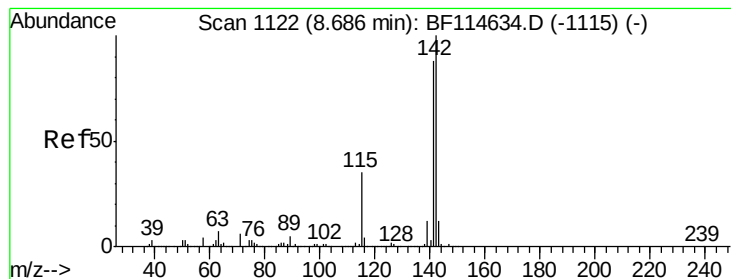
Tgt Ion:113 Resp: 201121
 Ion Ratio Lower Upper
 113 100
 55 152.8 136.4 176.4
 56 110.6 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 53.017 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion:107 Resp: 961249
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.5 33.7
 142 86.6 69.8 104.6





#37

2-Methylnaphthalene

Concen: 51.275 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

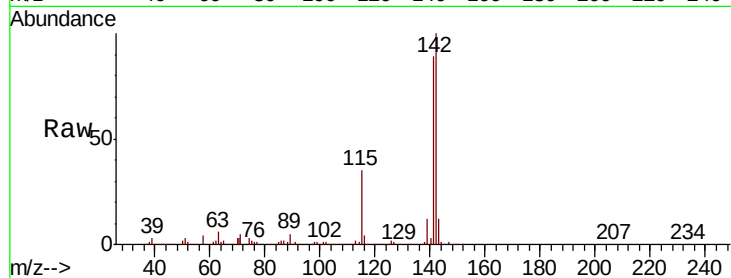
Tgt Ion:142 Resp: 2022189

Ion Ratio Lower Upper

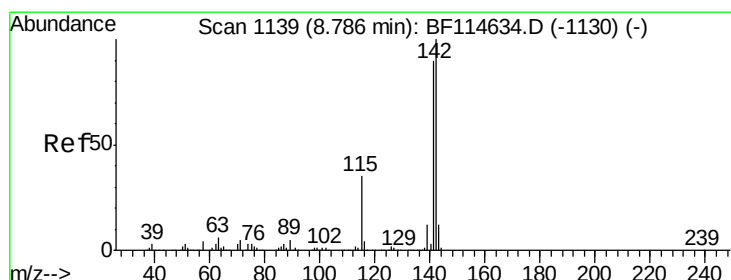
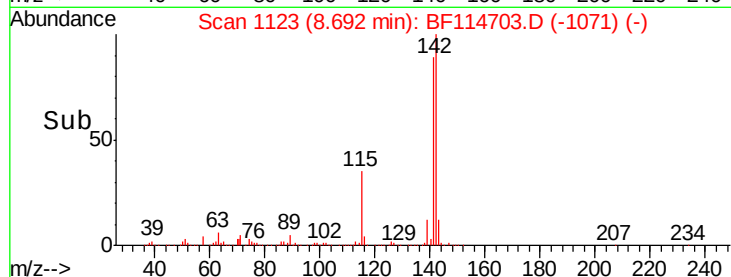
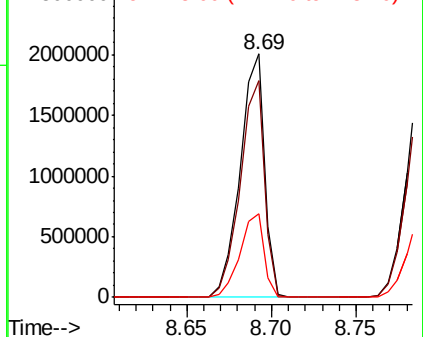
142 100

141 88.8 70.3 105.5

115 34.6 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: 51.569 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

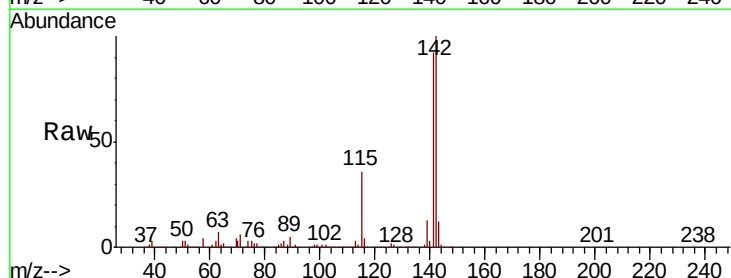
Tgt Ion:142 Resp: 1926906

Ion Ratio Lower Upper

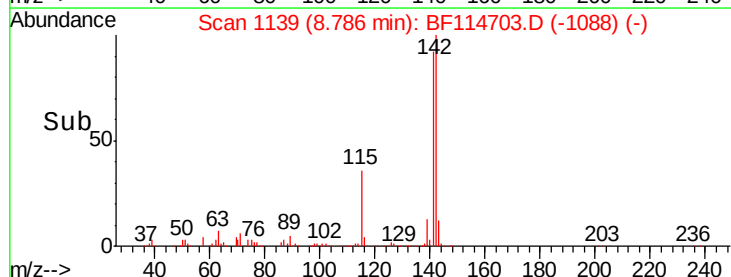
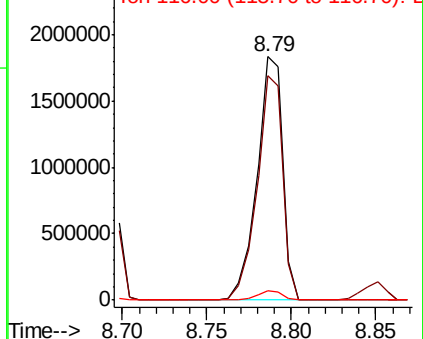
142 100

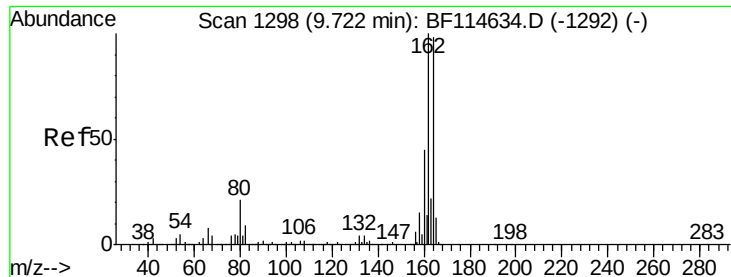
141 92.1 72.3 108.5

116 3.9 3.0 4.4



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: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

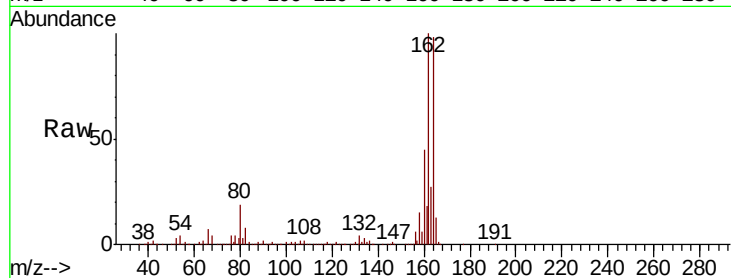
Tgt Ion:164 Resp: 639890

Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.2

160 46.4 36.6 54.8

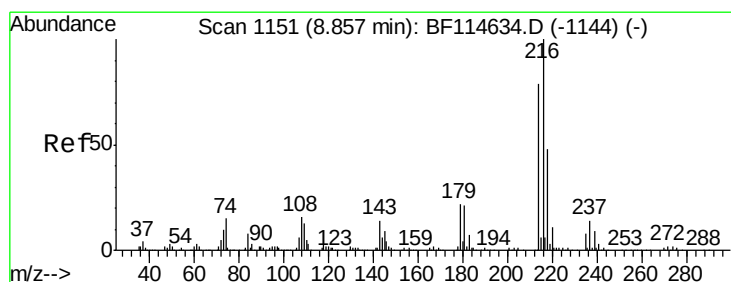
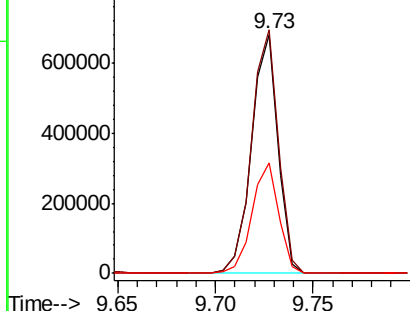
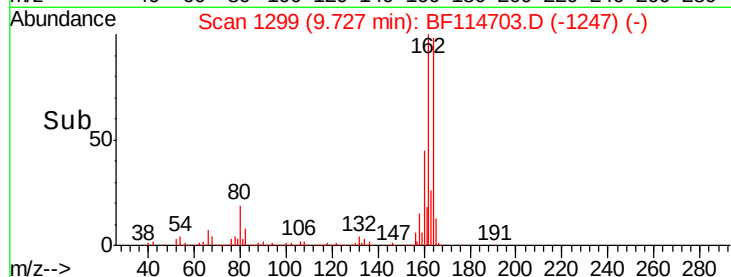


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.368 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Tgt Ion:216 Resp: 841260

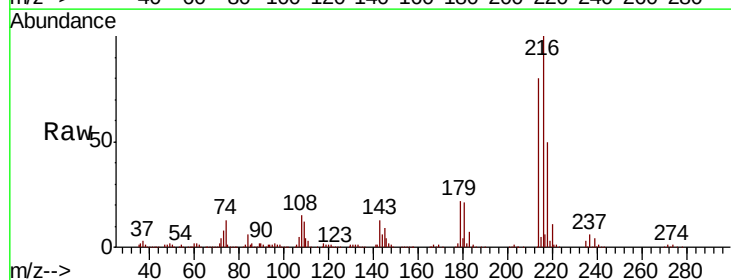
Ion Ratio Lower Upper

216 100

214 79.7 63.2 94.8

179 22.8 17.9 26.9

108 21.5 15.8 23.8



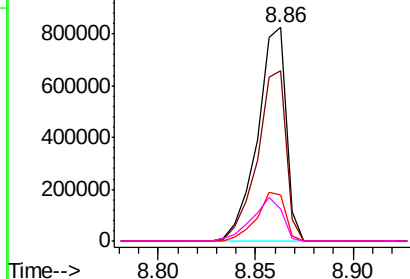
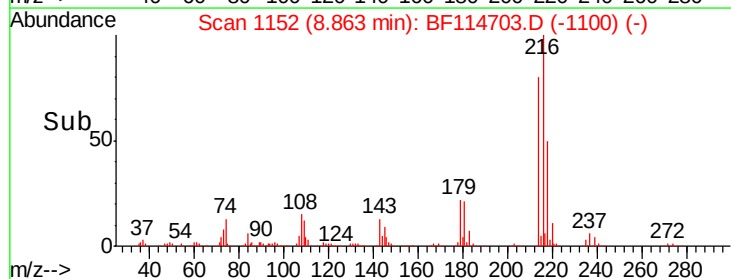
Abundance

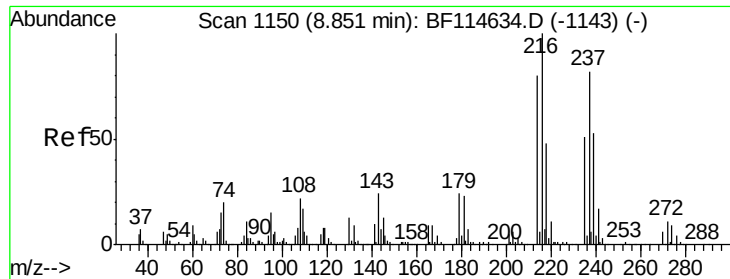
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

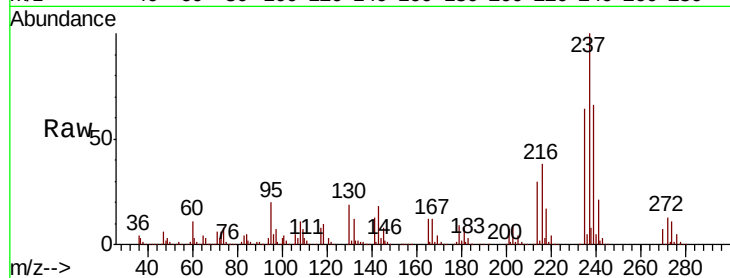




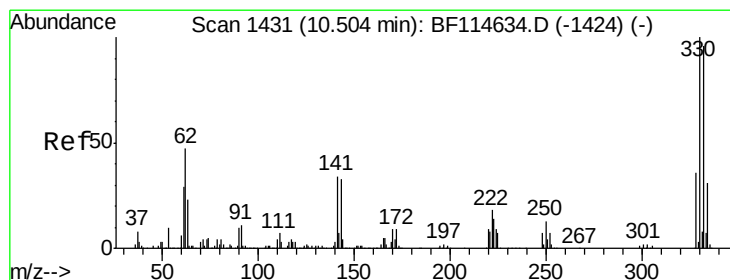
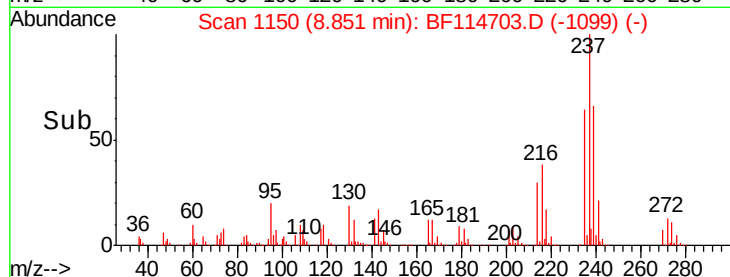
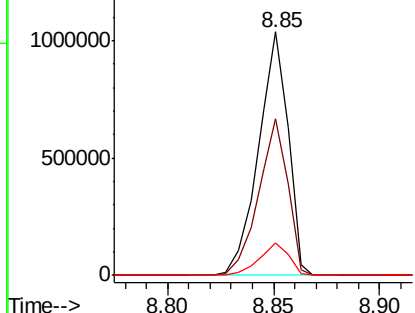
#41
 Hexachlorocyclopentadiene
 Concen: 89.771 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

Tgt Ion: 237 Resp: 1010897
 Ion Ratio Lower Upper
 237 100
 235 64.1 42.8 82.8
 272 13.5 0.0 33.7

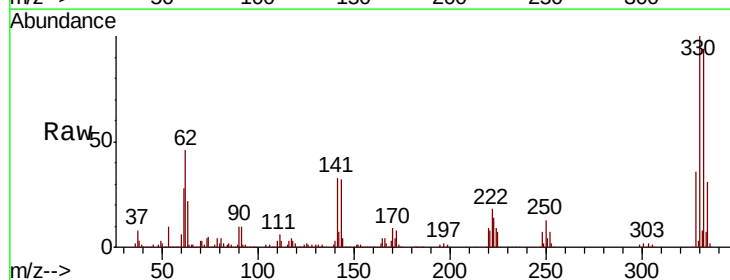


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

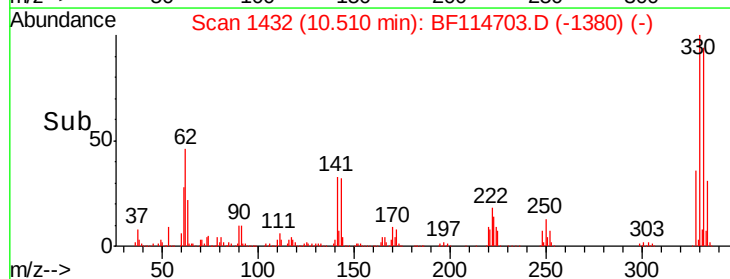
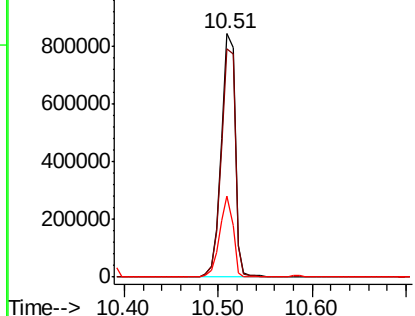


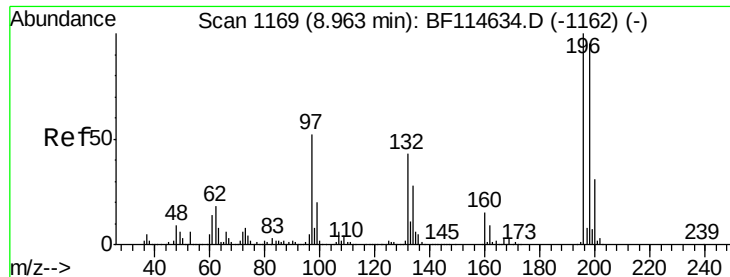
#42
 2,4,6-Tribromophenol
 Concen: 144.634 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion: 330 Resp: 881852
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.8
 141 32.2 27.8 41.8



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

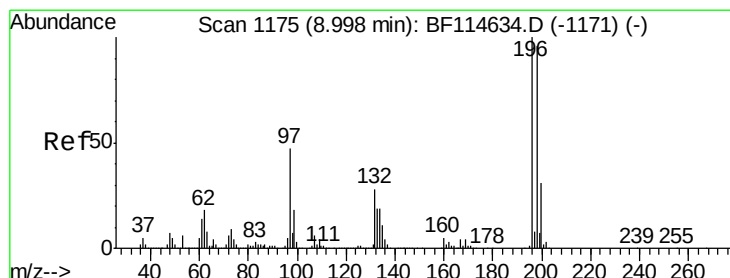
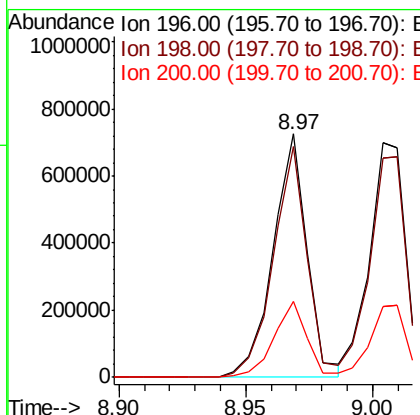
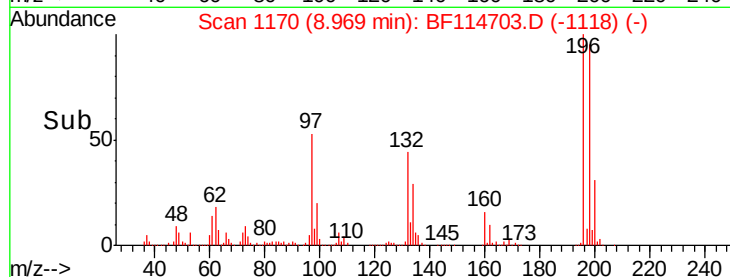
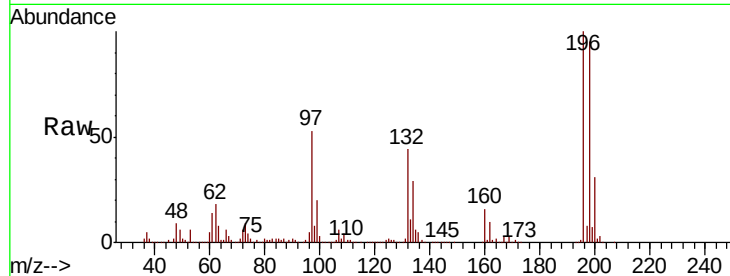




#43
 2,4,6-Trichlorophenol
 Concen: 50.762 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

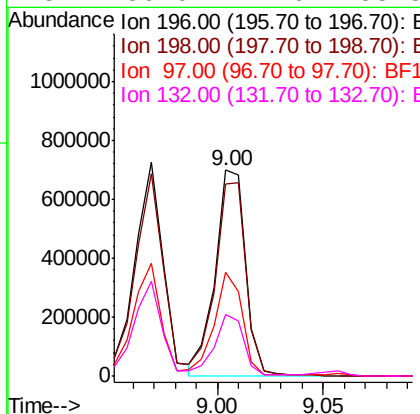
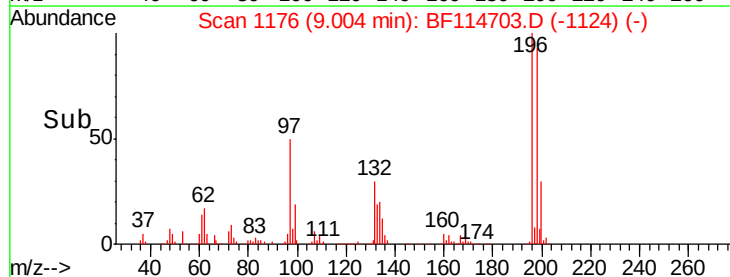
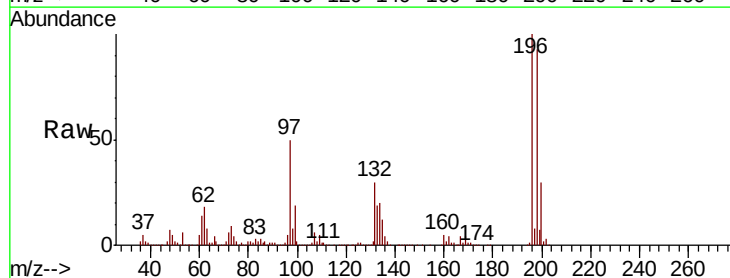
Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

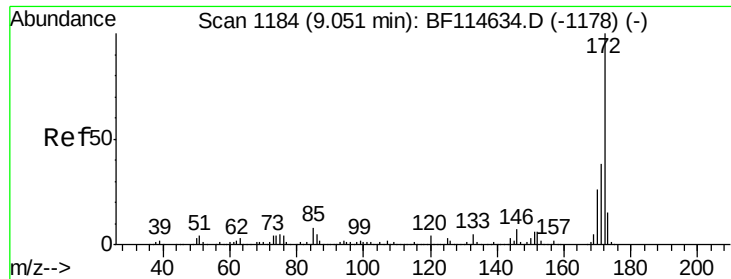
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.1	114.1
200	31.0	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.980 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.8	115.2
97	50.3	37.8	56.8
132	30.0	22.6	33.8

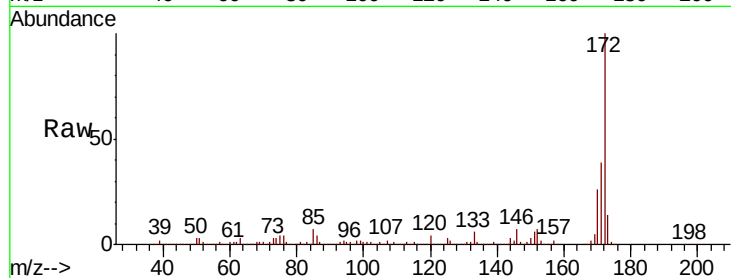




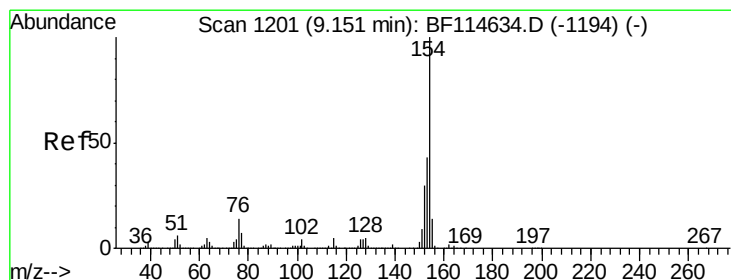
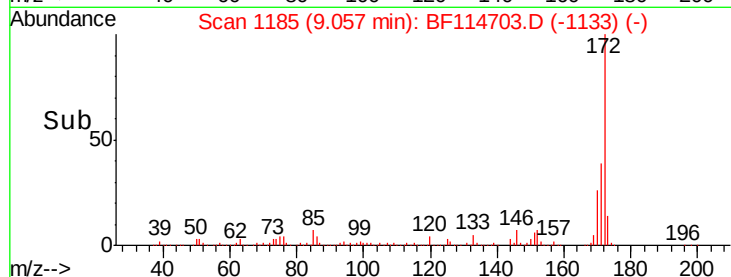
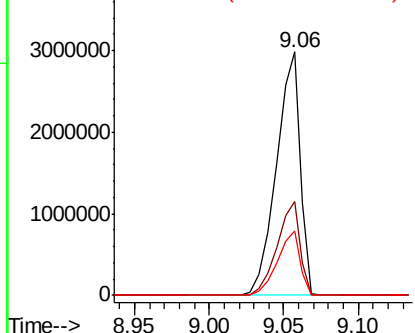
#45
2-Fluorobiphenyl
Concen: 100.528 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion:172 Resp: 3324817
Ion Ratio Lower Upper
172 100
171 38.7 30.6 45.8
170 26.5 20.7 31.1

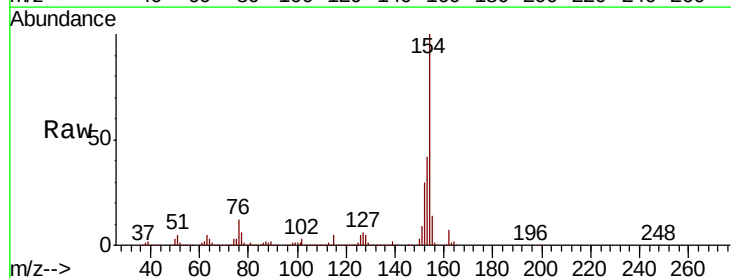


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

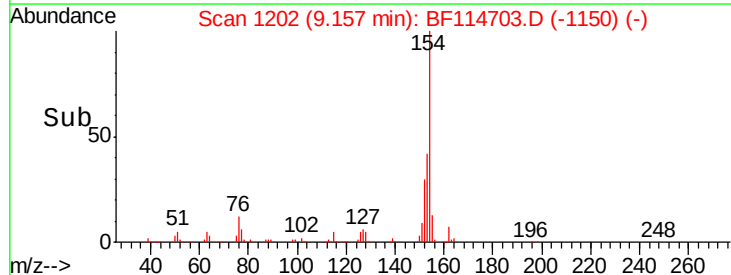
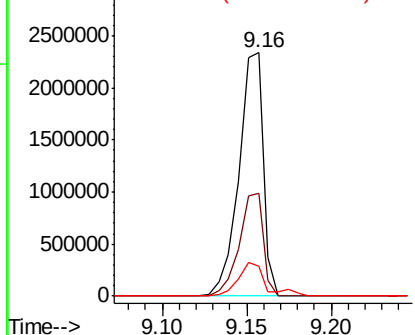


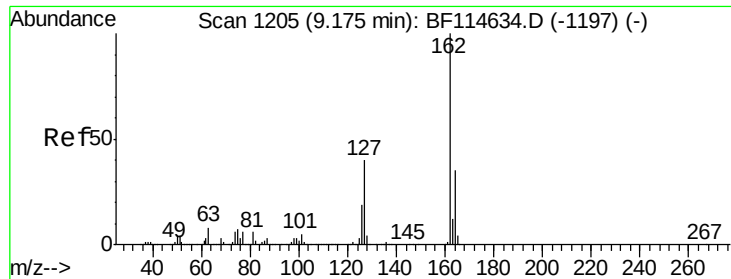
#46
1,1'-Biphenyl
Concen: 49.528 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:154 Resp: 2352554
Ion Ratio Lower Upper
154 100
153 42.3 23.0 63.0
76 12.4 0.0 33.9



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

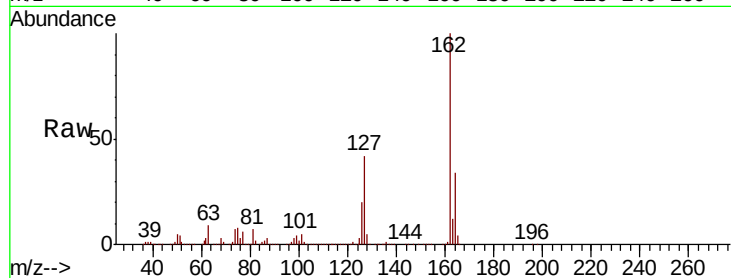




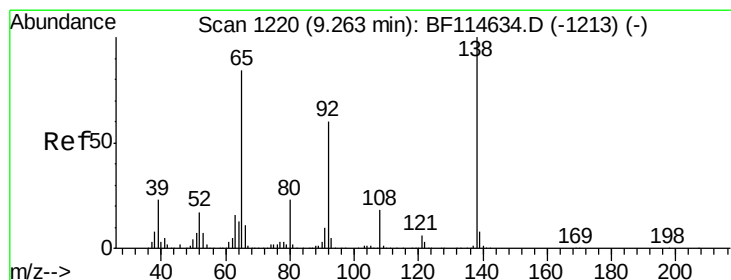
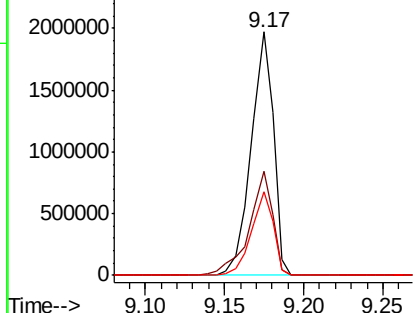
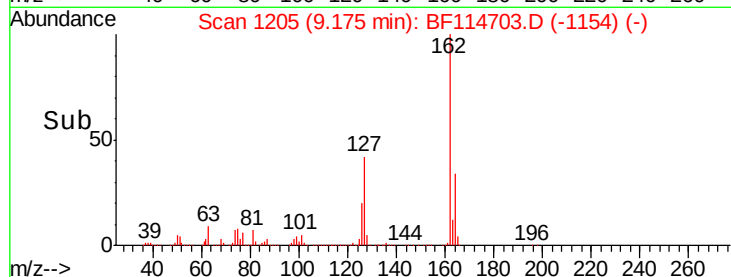
#47
 2-Chloronaphthalene
 Concen: 49.254 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

Tgt Ion: 162 Resp: 1919104
 Ion Ratio Lower Upper
 162 100
 127 42.5 32.2 48.2
 164 34.4 27.8 41.6

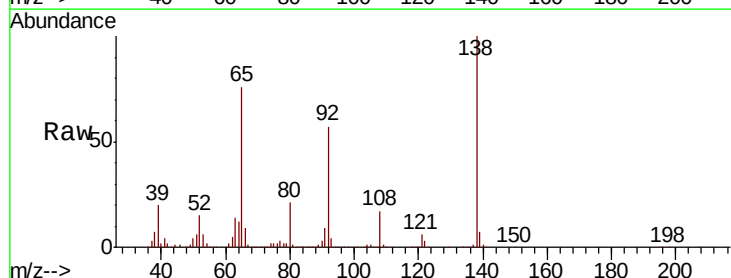


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

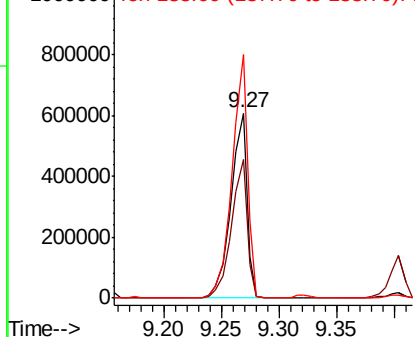
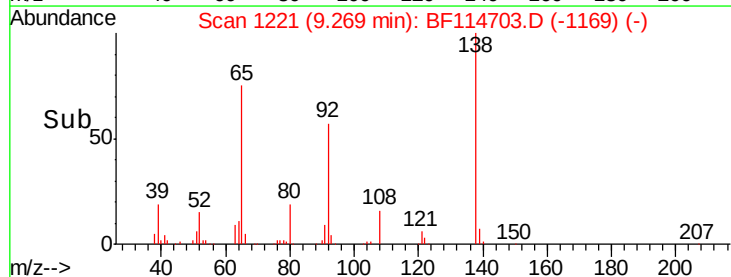


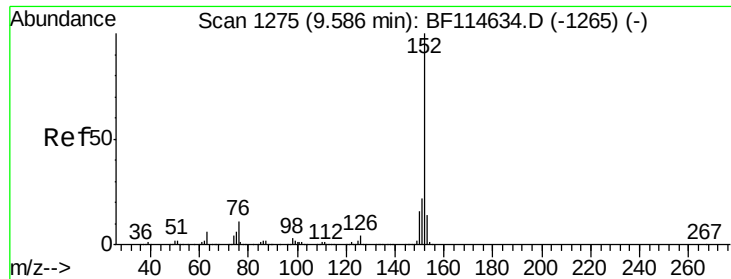
#48
 2-Nitroaniline
 Concen: 48.769 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion: 65 Resp: 586402
 Ion Ratio Lower Upper
 65 100
 92 75.2 57.1 85.7
 138 131.8 95.8 143.6



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: 48.466 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

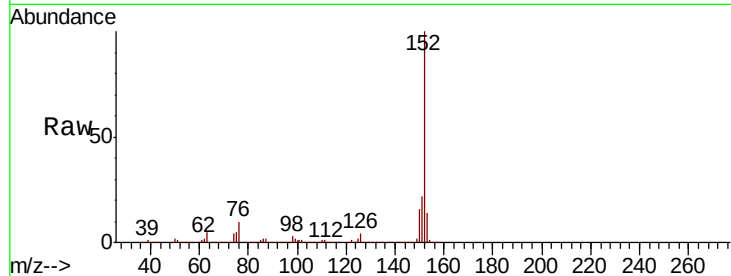
Tgt Ion:152 Resp: 2917365

Ion Ratio Lower Upper

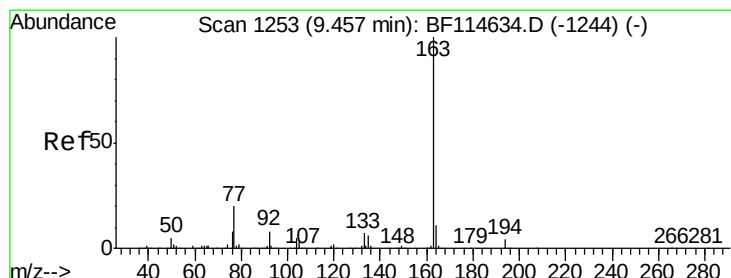
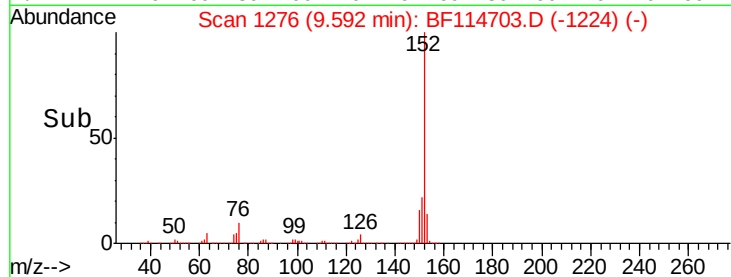
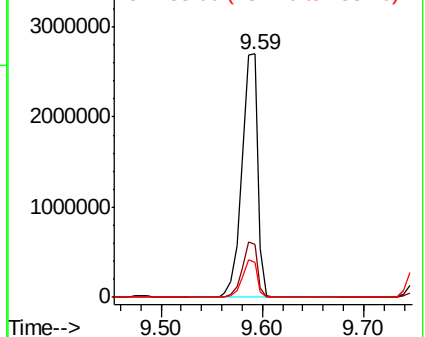
152 100

151 21.8 17.5 26.3

153 14.4 11.6 17.4



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: 56.624 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

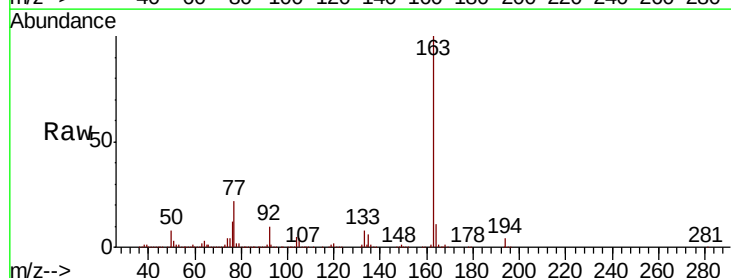
Tgt Ion:163 Resp: 2524779

Ion Ratio Lower Upper

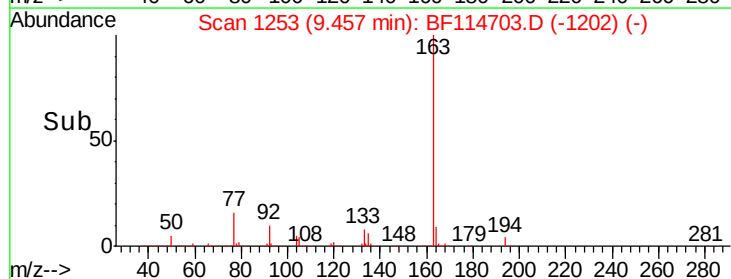
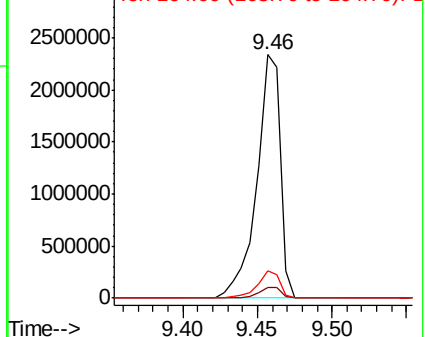
163 100

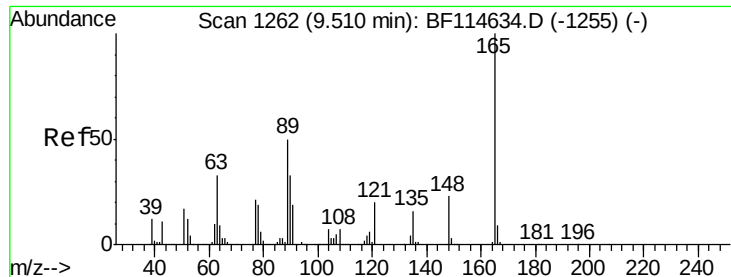
194 4.2 3.4 5.0

164 11.4 8.6 13.0



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

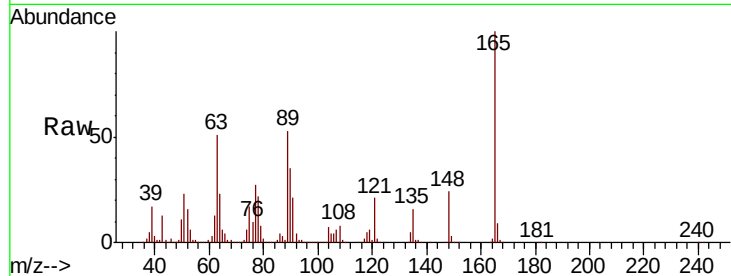




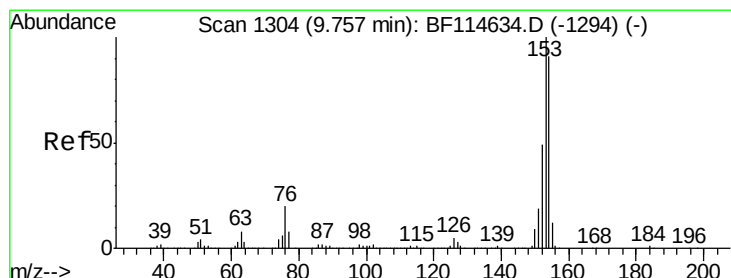
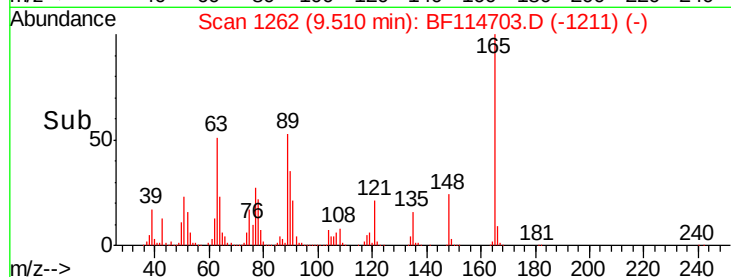
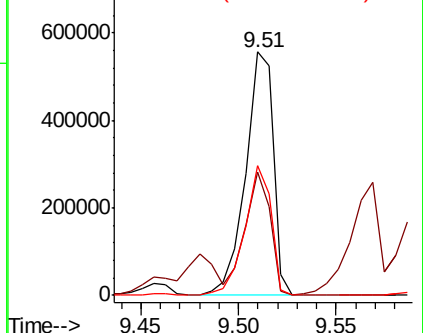
#51
 2,6-Dinitrotoluene
 Concen: 52.985 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

Tgt Ion:165 Resp: 548962
 Ion Ratio Lower Upper
 165 100
 63 50.8 36.6 54.8
 89 53.1 40.2 60.4

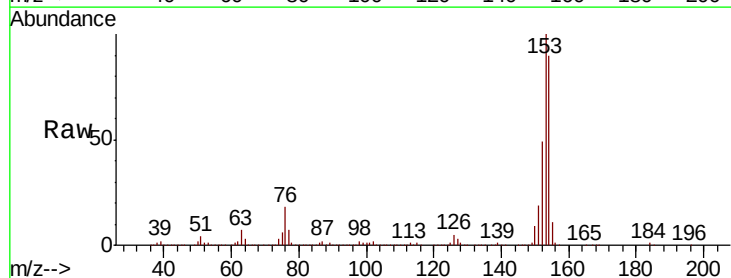


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

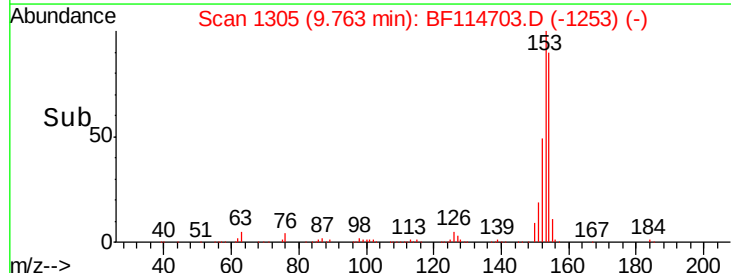
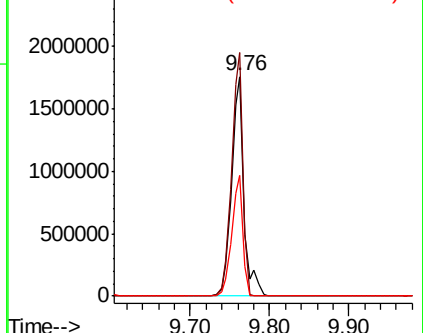


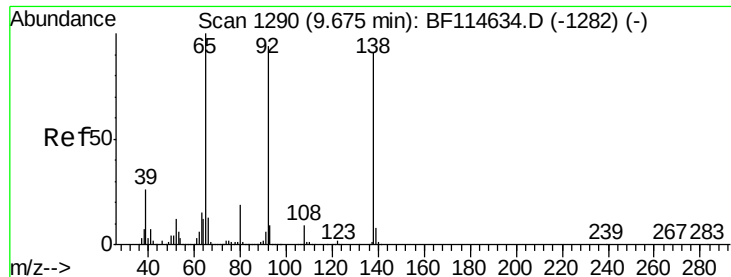
#52
 Acenaphthene
 Concen: 51.343 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion:154 Resp: 1895350
 Ion Ratio Lower Upper
 154 100
 153 110.8 88.4 132.6
 152 54.8 43.4 65.0



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

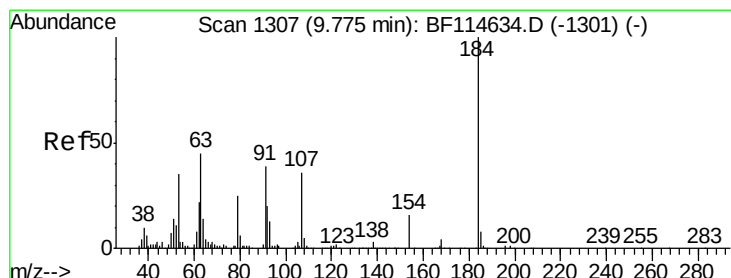
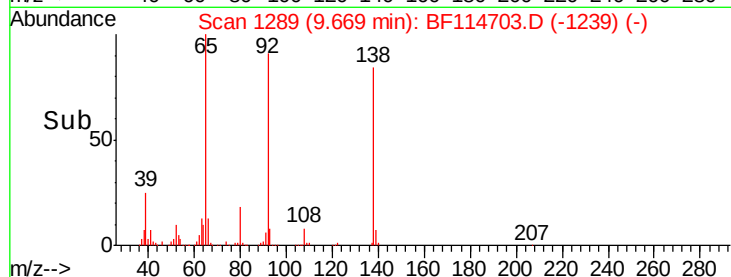
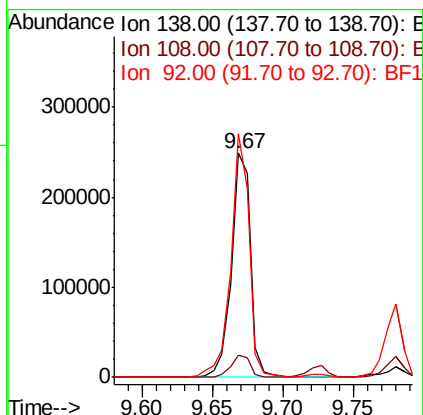
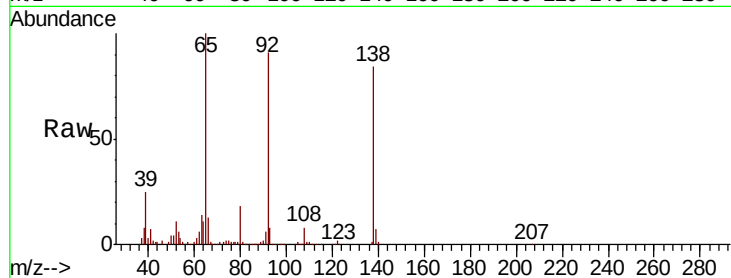




#53
 3-Nitroaniline
 Concen: 18.420 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

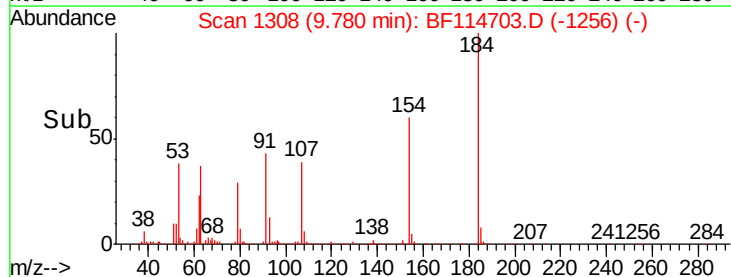
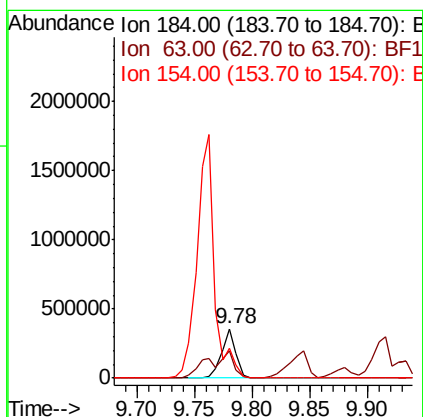
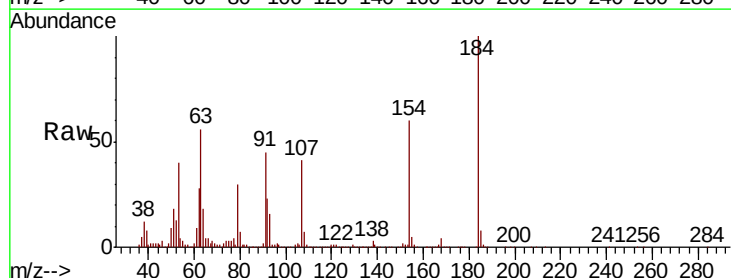
Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

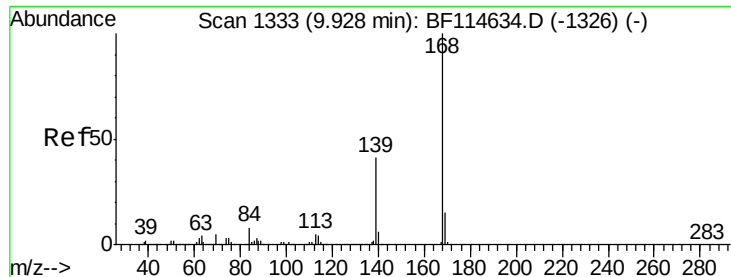
Tgt Ion:138 Resp: 233571
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.3 12.5
 92 108.7 83.1 124.7



#54
 2,4-Dinitrophenol
 Concen: 74.059 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion:184 Resp: 302660
 Ion Ratio Lower Upper
 184 100
 63 55.6 38.8 58.2
 154 60.1 43.7 65.5

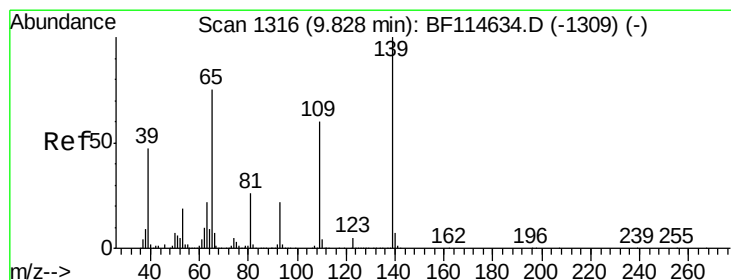
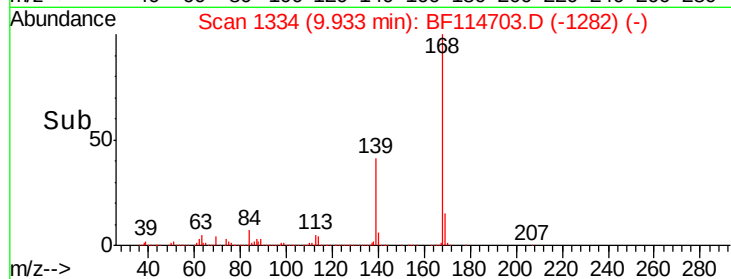
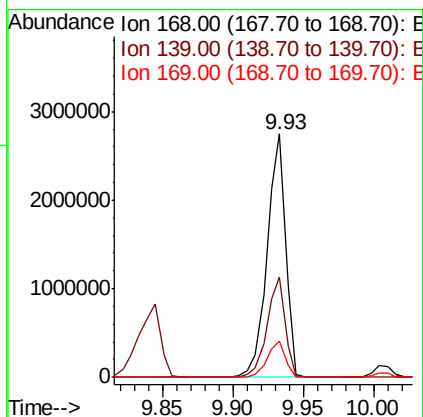
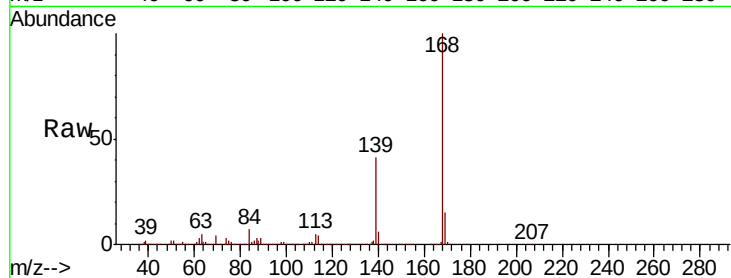




#55
Dibenzofuran
Concen: 48.514 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

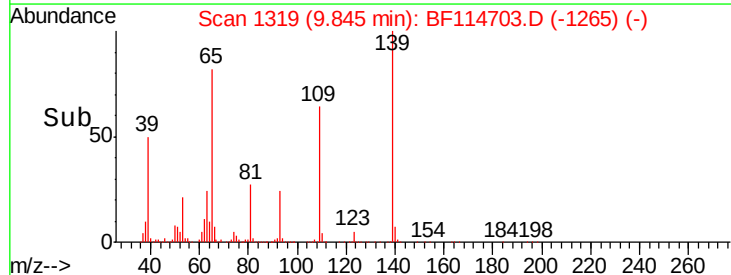
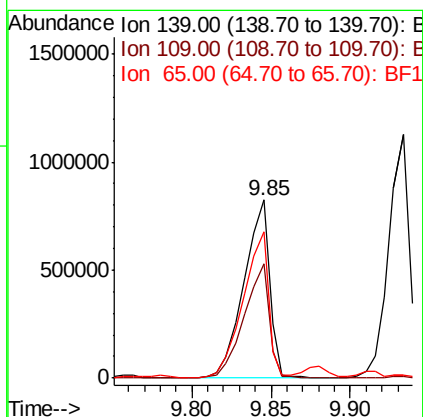
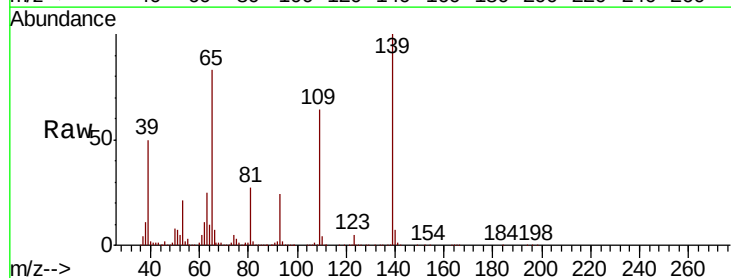
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

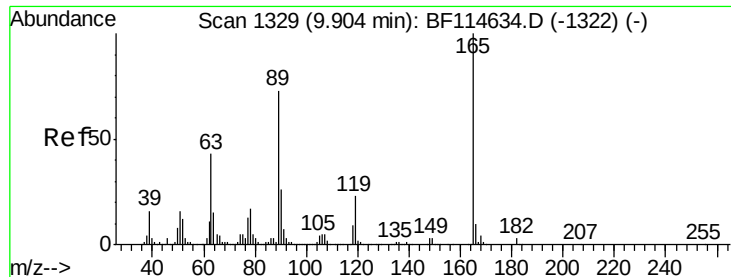
Tgt Ion:168 Resp: 2549320
Ion Ratio Lower Upper
168 100
139 41.0 32.6 48.8
169 15.0 11.8 17.8



#56
4-Nitrophenol
Concen: 98.958 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:139 Resp: 929905
Ion Ratio Lower Upper
139 100
109 64.3 40.4 80.4
65 82.5 54.7 94.7

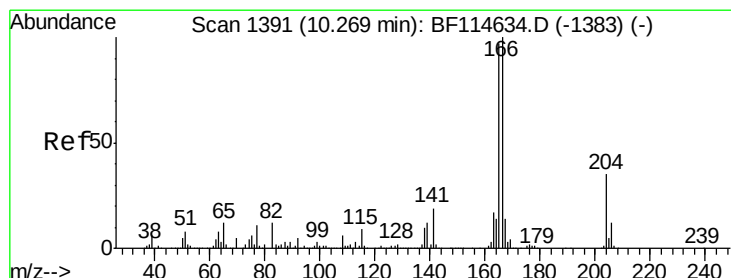
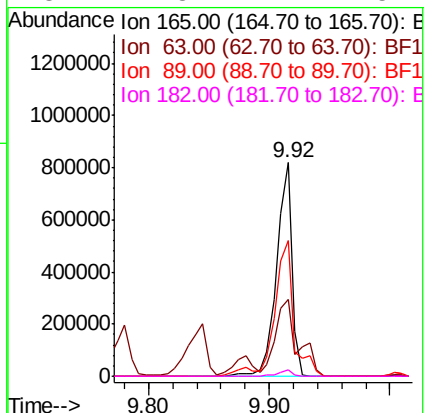
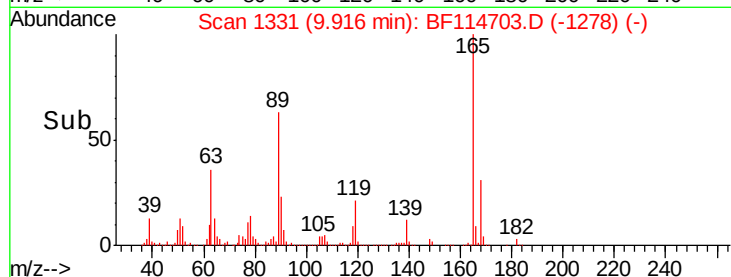
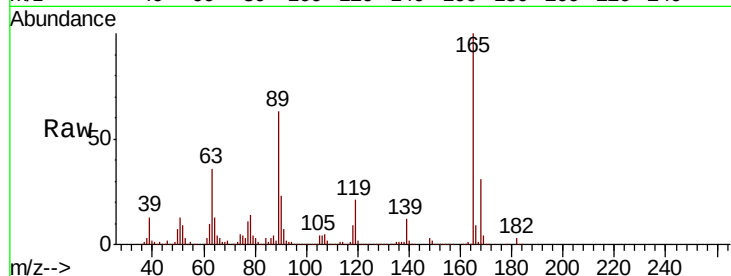




#57
2,4-Dinitrotoluene
Concen: 54.819 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

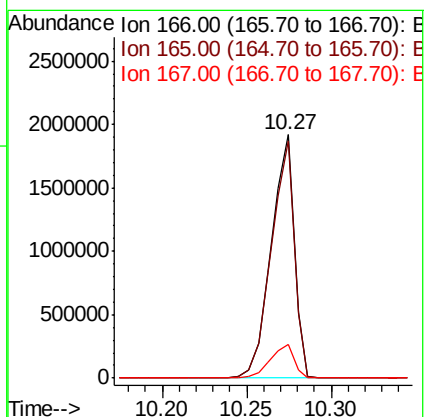
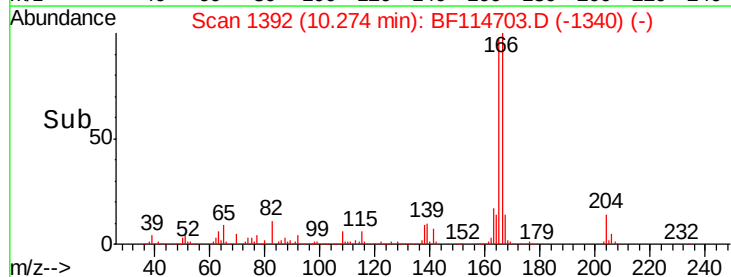
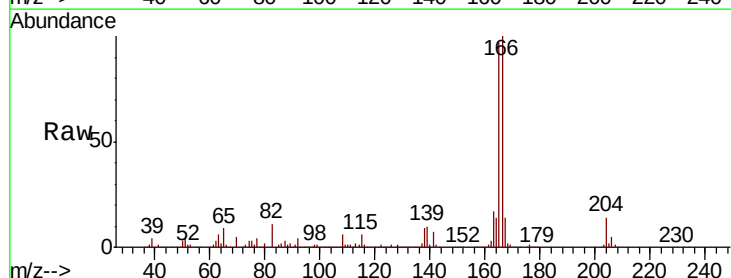
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

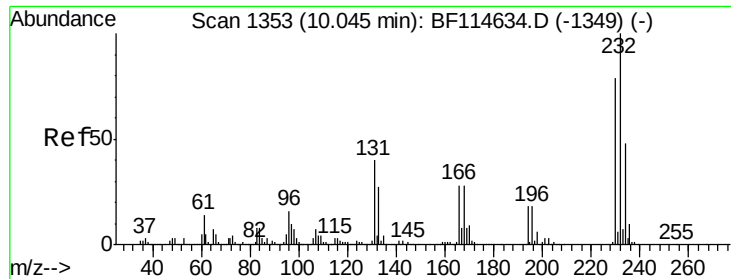
Tgt Ion:165 Resp: 728921
Ion Ratio Lower Upper
165 100
63 36.2 34.8 52.2
89 63.2 58.5 87.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 55.367 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:166 Resp: 1814466
Ion Ratio Lower Upper
166 100
165 97.5 77.6 116.4
167 13.7 11.2 16.8

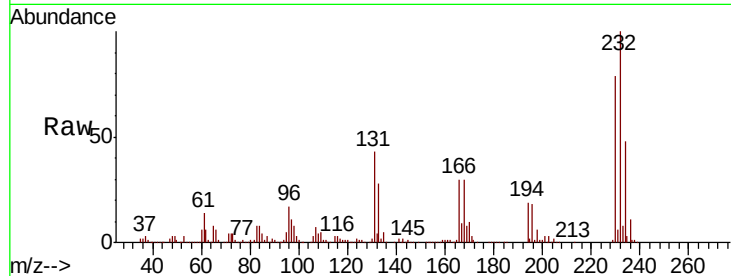




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.902 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.2	55.8
130	2.3	1.8	2.8
166	30.9	24.8	37.2



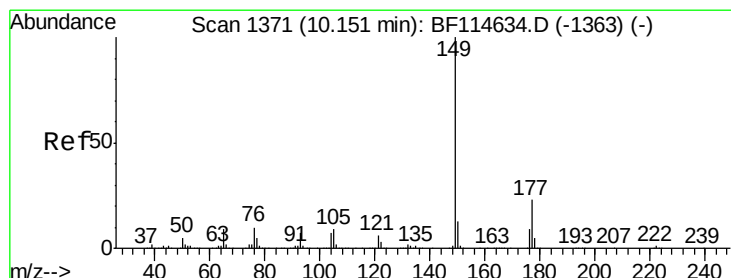
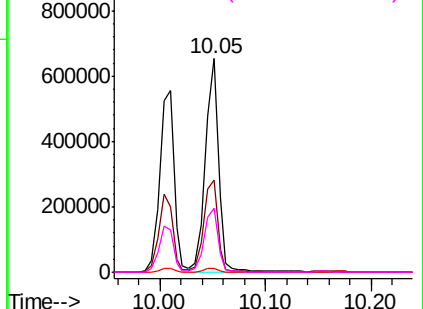
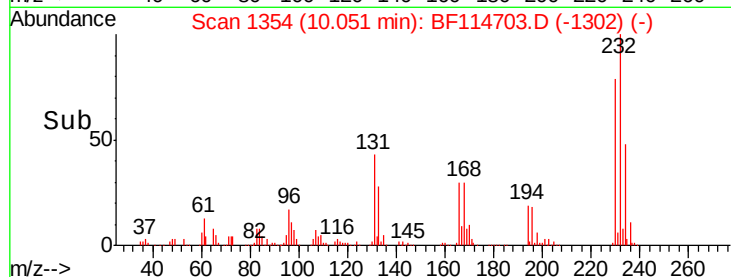
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

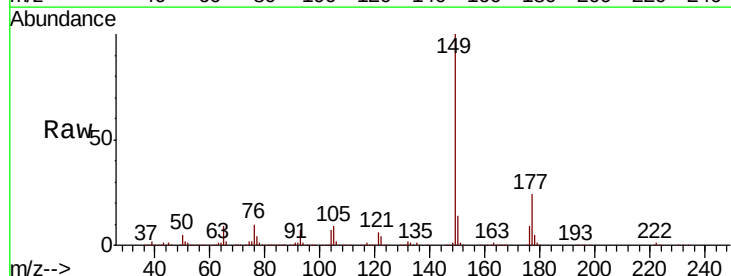
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.771 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.6	28.0
150	13.5	10.6	15.8

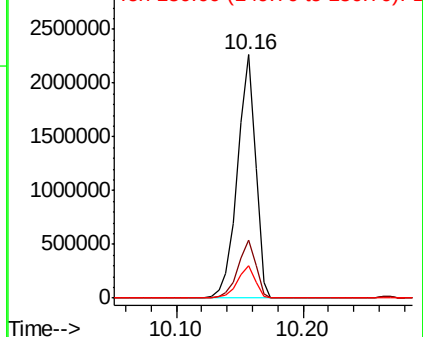
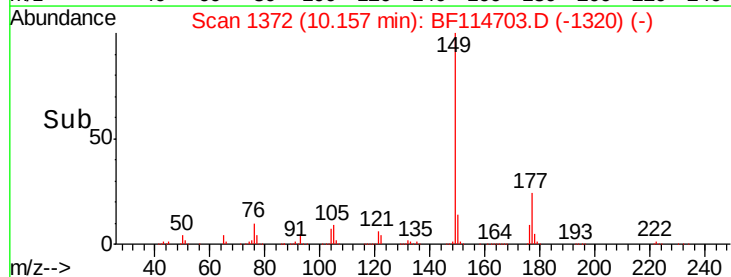


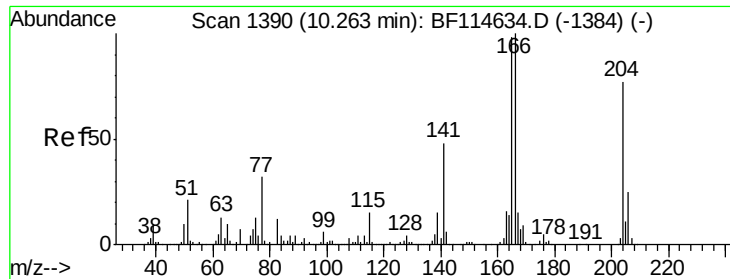
Abundance

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

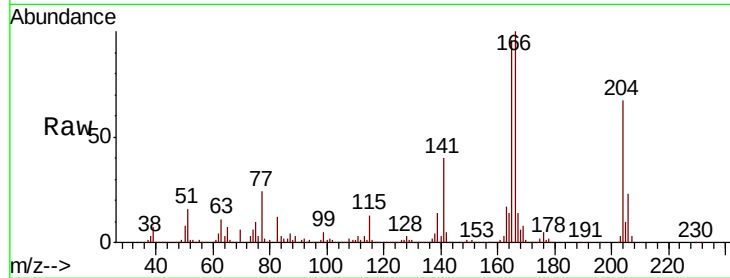




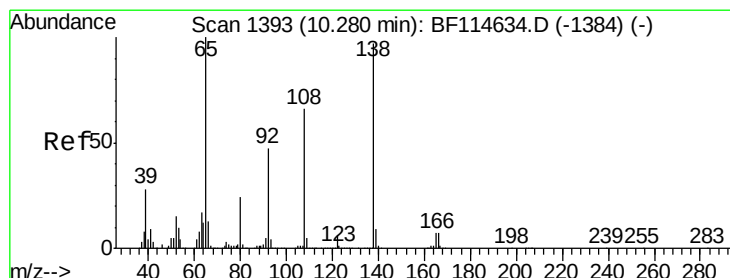
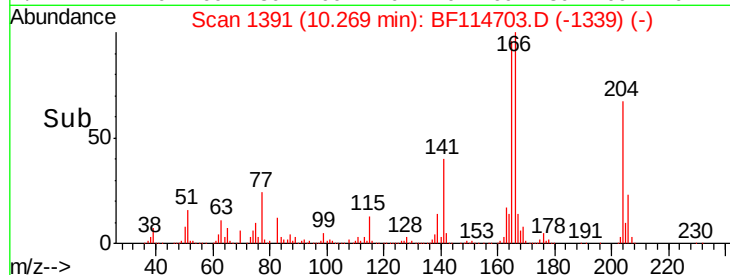
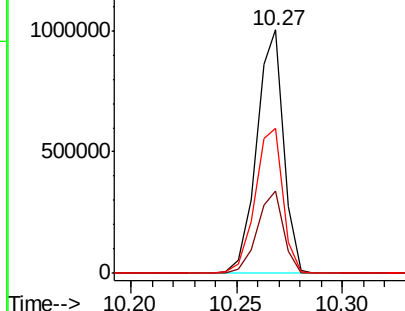
#61
4-Chlorophenyl-phenylether
Concen: 53.118 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion:204 Resp: 888407
Ion Ratio Lower Upper
204 100
206 33.8 26.4 39.6
141 59.5 50.0 75.0

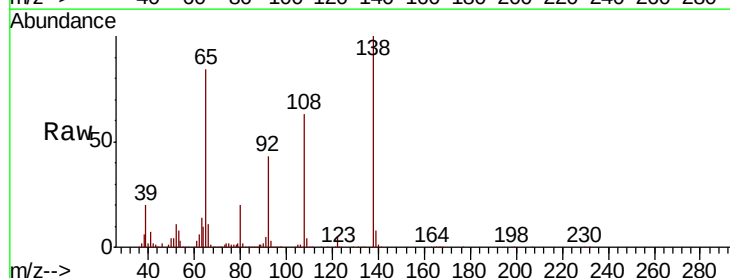


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

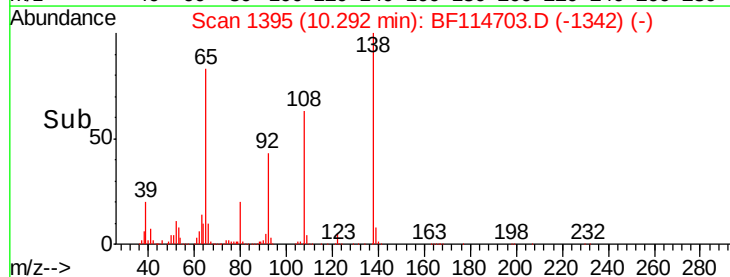
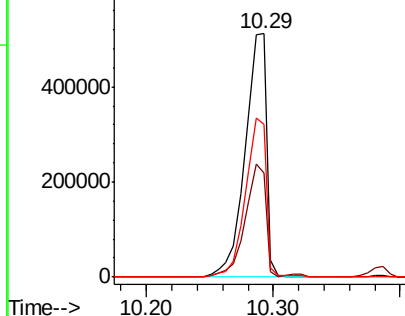


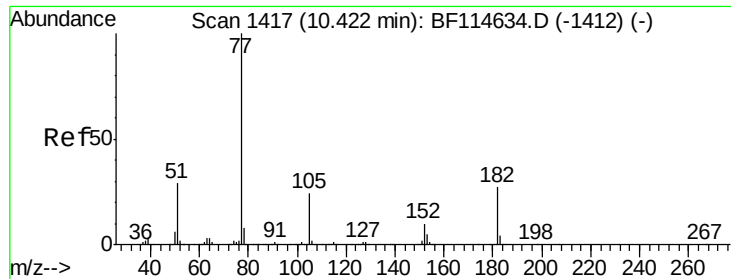
#62
4-Nitroaniline
Concen: 48.816 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:138 Resp: 603186
Ion Ratio Lower Upper
138 100
92 43.0 28.0 68.0
108 62.9 48.4 88.4



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

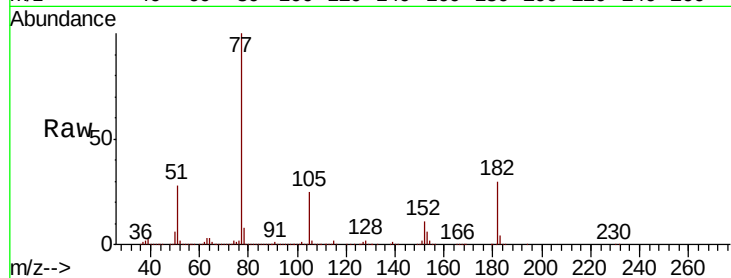




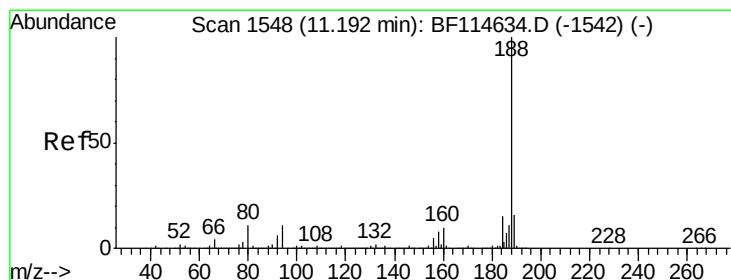
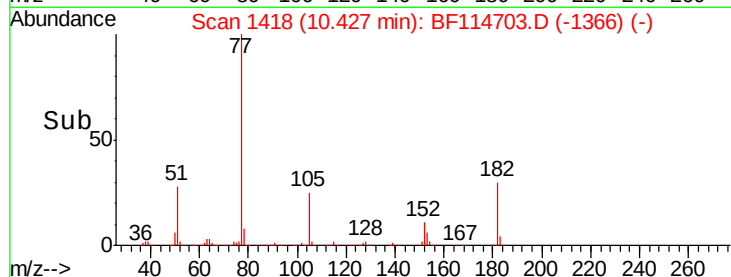
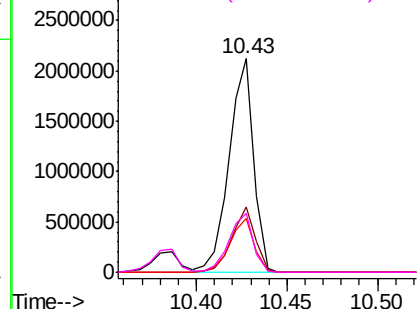
#63
Azobenzene
Concen: 47.642 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion: 77 Resp: 1991968
Ion Ratio Lower Upper
77 100
182 30.3 7.0 47.0
105 25.4 3.7 43.7
51 27.6 9.1 49.1

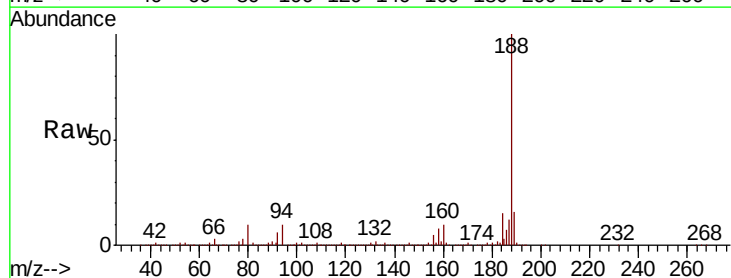


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

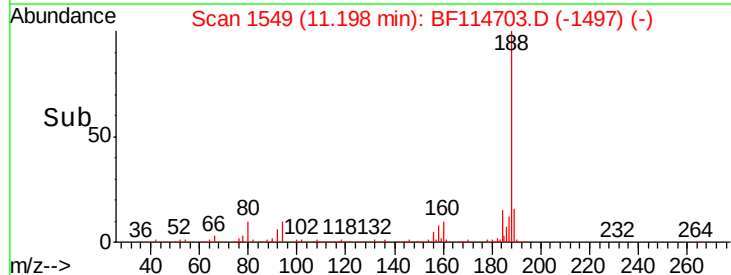
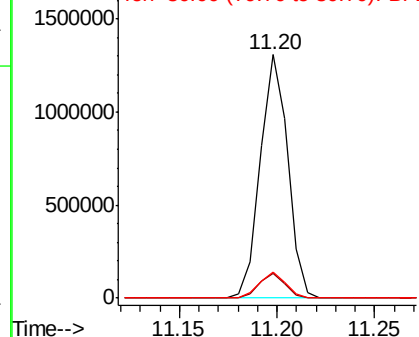


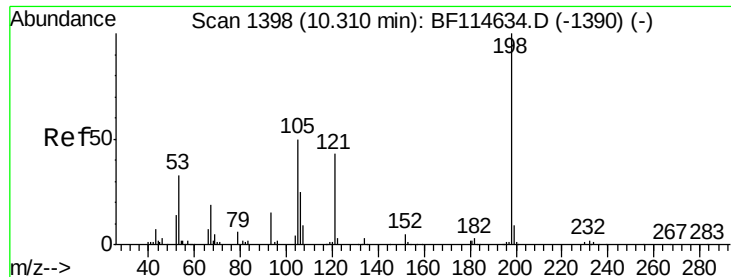
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion: 188 Resp: 1273853
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 10.5 9.0 13.6



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

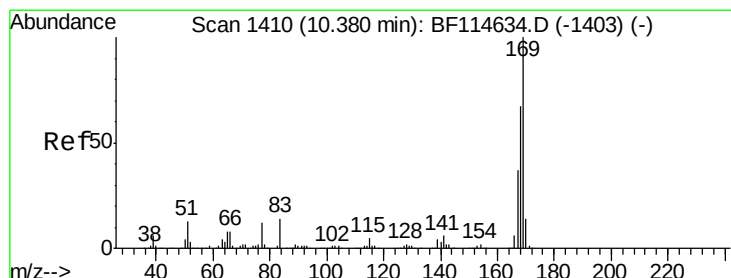
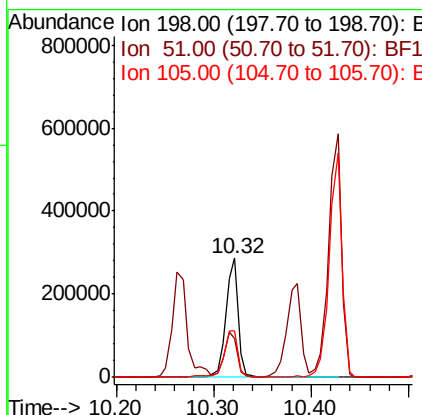
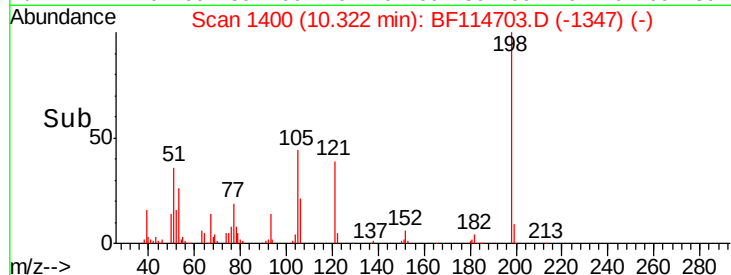
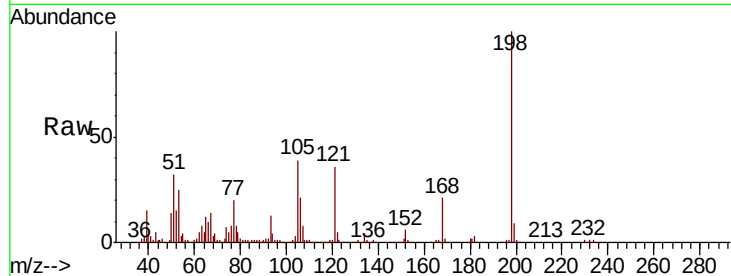




#65
4,6-Dinitro-2-methylphenol
Concen: 44.160 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

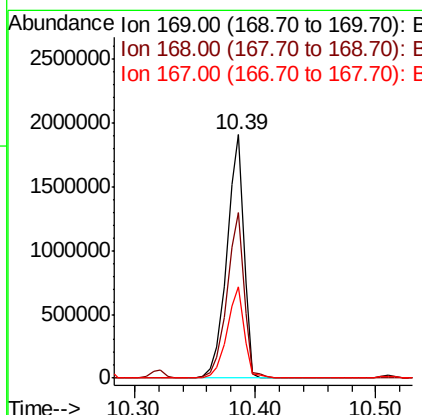
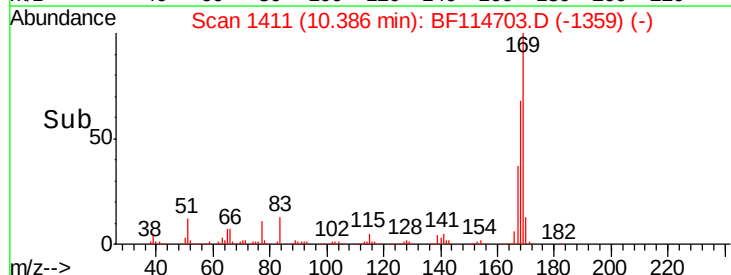
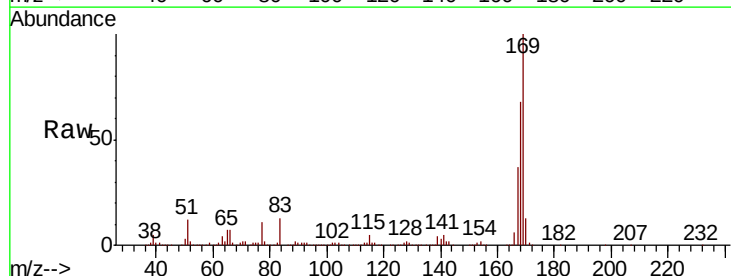
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

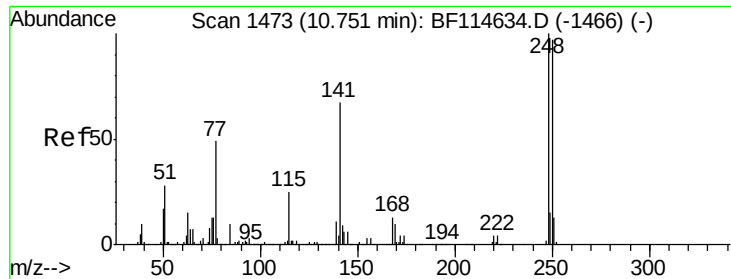
Tgt Ion:198 Resp: 249433
Ion Ratio Lower Upper
198 100
51 32.4 29.0 69.0
105 39.0 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 49.343 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:169 Resp: 1857099
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.8
167 37.3 29.8 44.6

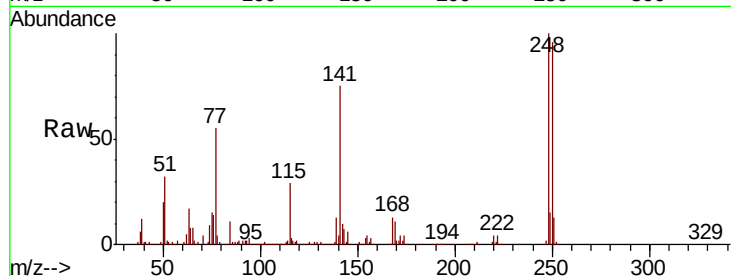




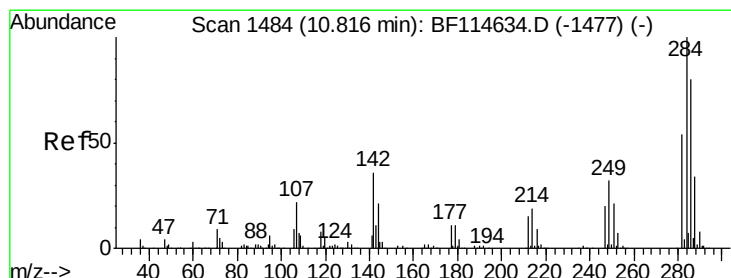
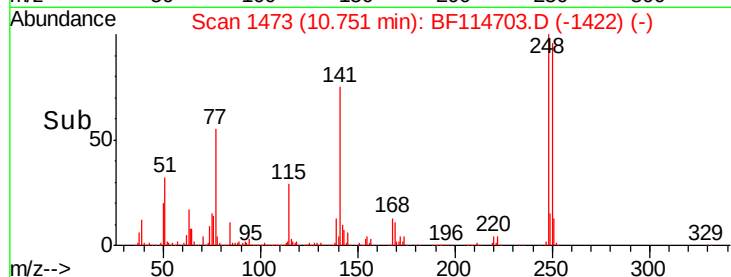
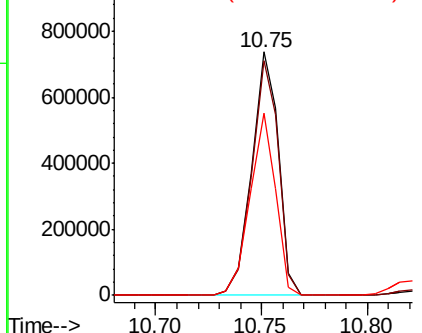
#67
 4-Bromophenyl-phenylether
 Concen: 47.626 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.0	117.0
141	74.7	53.8	80.8

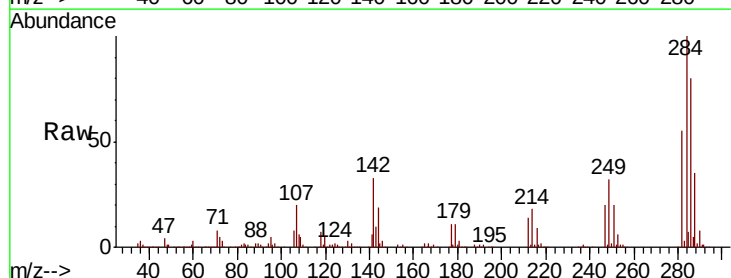


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

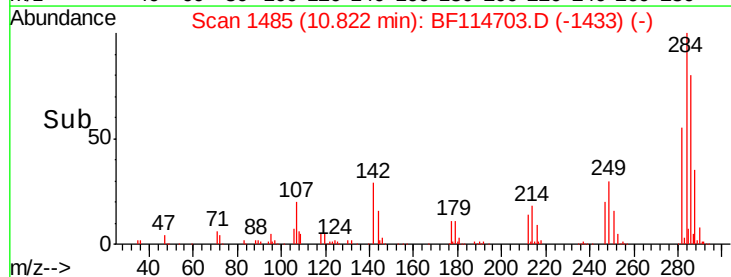
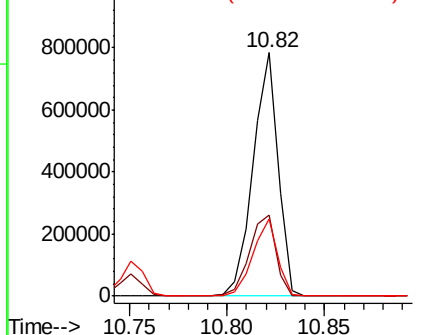


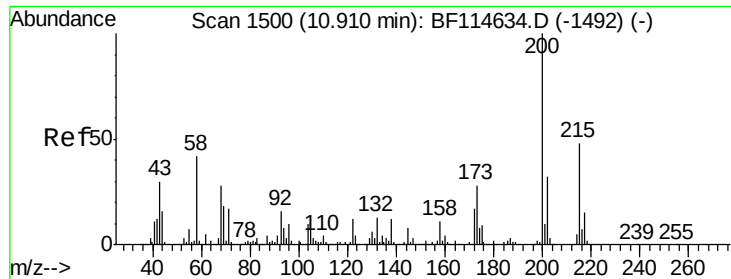
#68
 Hexachlorobenzene
 Concen: 47.051 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	28.9	43.3
249	31.6	25.8	38.6



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: 58.095 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

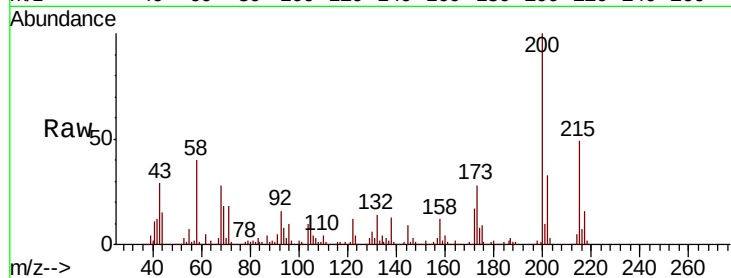
Tgt Ion:200 Resp: 624746

Ion Ratio Lower Upper

200 100

173 28.5 7.9 47.9

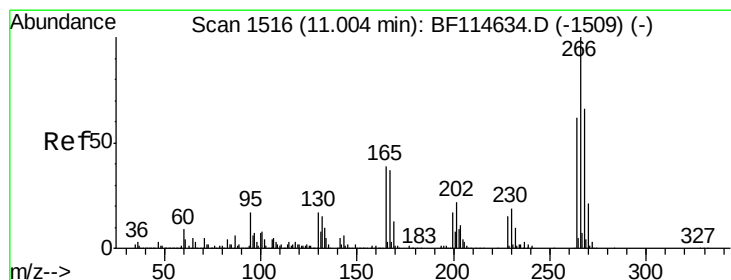
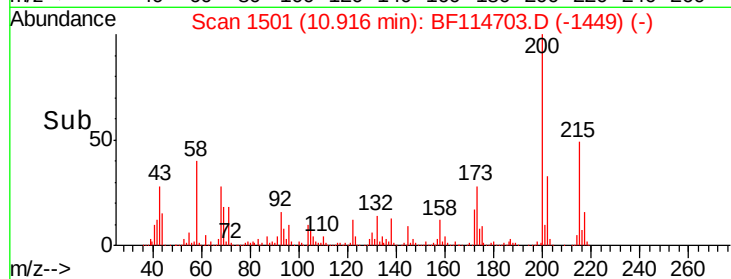
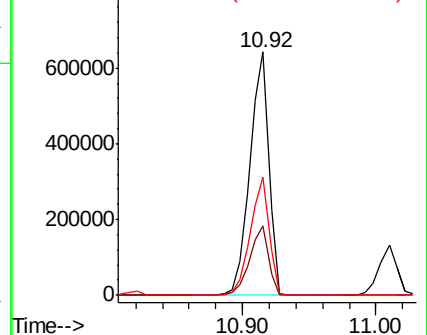
215 48.6 27.8 67.8



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: 82.207 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

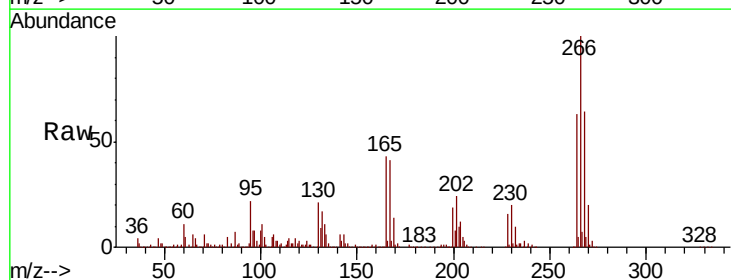
Tgt Ion:266 Resp: 701143

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

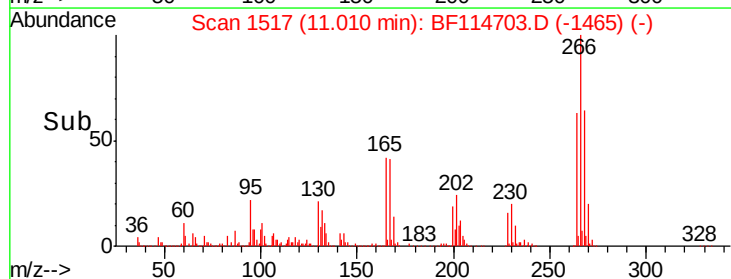
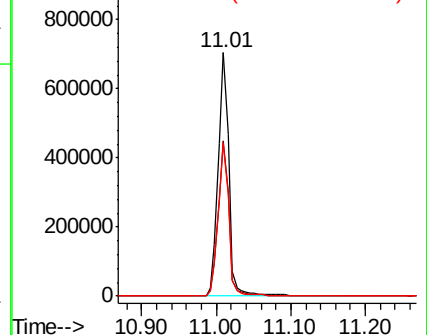
264 62.7 49.9 74.9

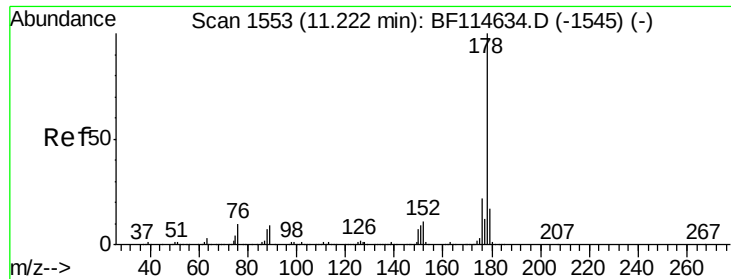


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.282 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

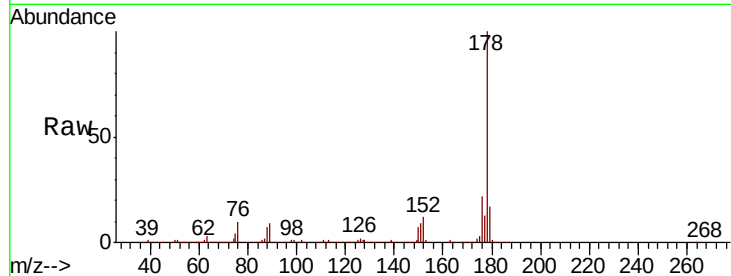
Tgt Ion:178 Resp: 2942492

Ion Ratio Lower Upper

178 100

176 21.6 17.2 25.8

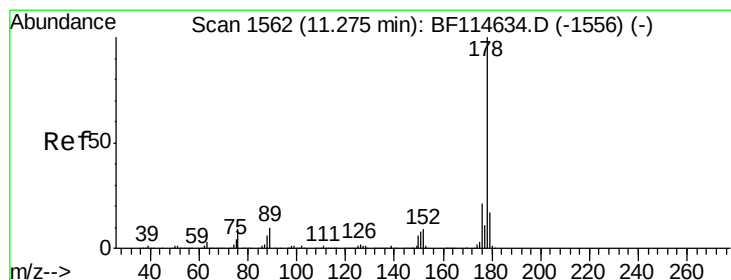
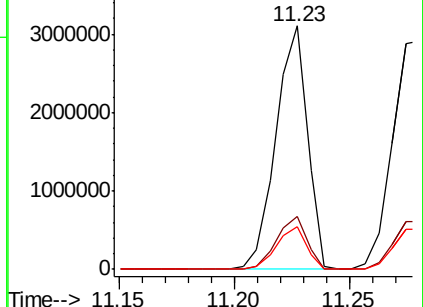
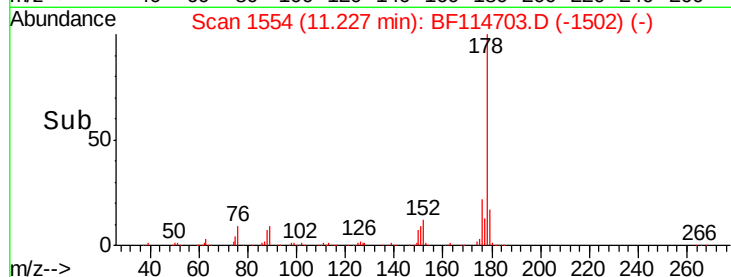
179 17.5 13.9 20.9



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: 45.932 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

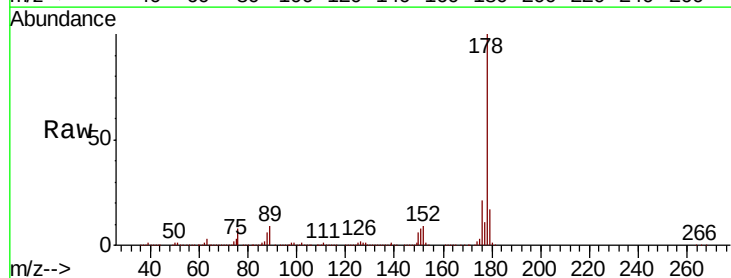
Tgt Ion:178 Resp: 3020857

Ion Ratio Lower Upper

178 100

176 21.5 16.6 24.8

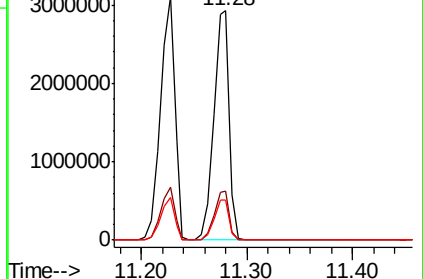
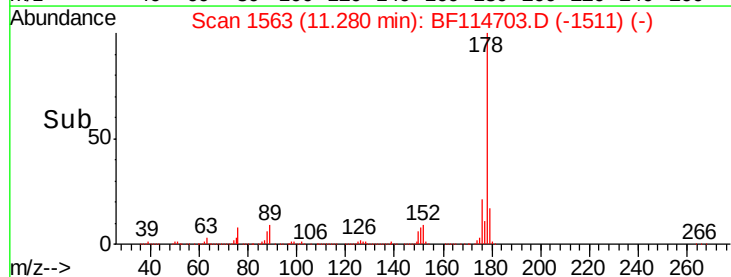
179 17.5 13.4 20.0

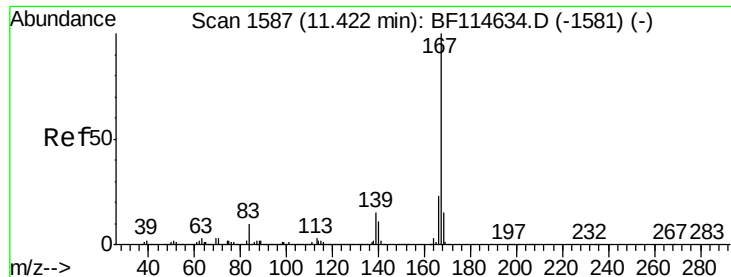


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

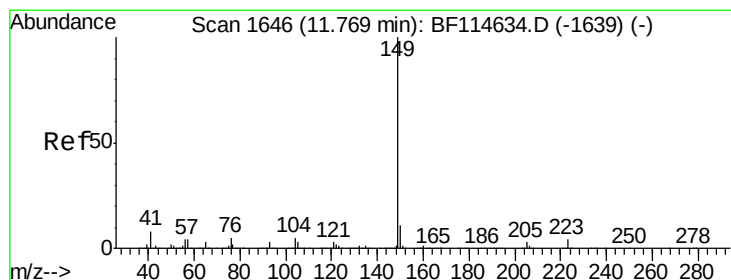
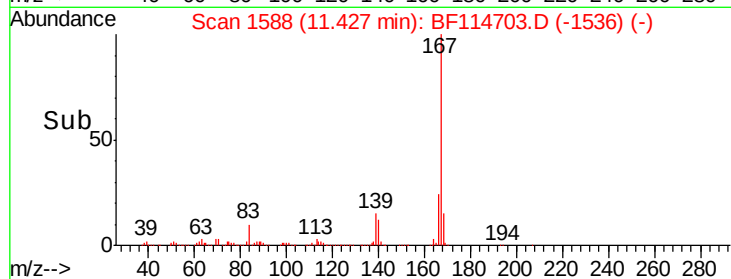
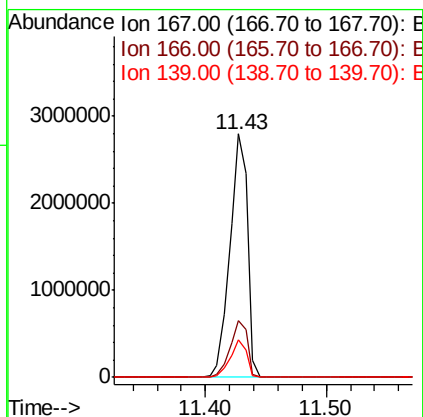
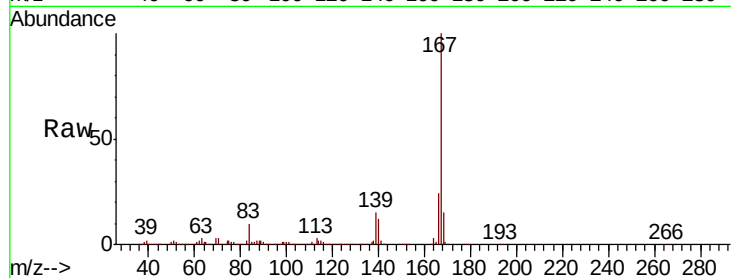




#73
 Carbazole
 Concen: 49.036 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

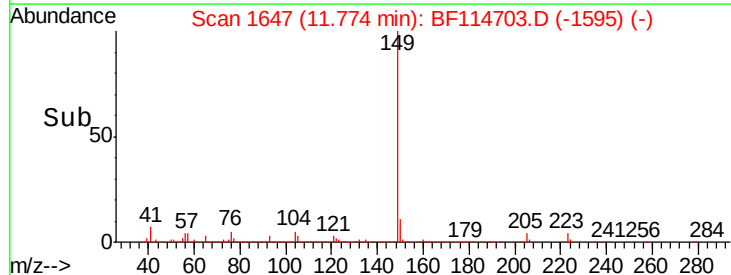
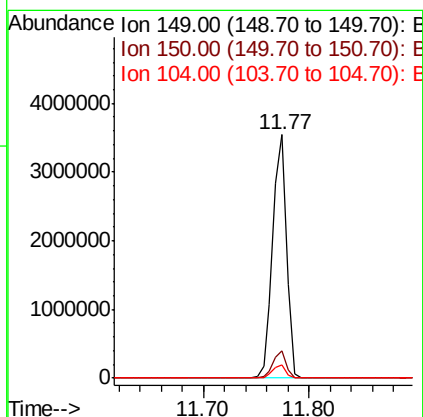
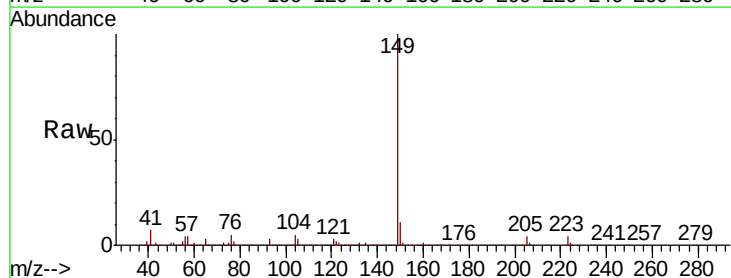
Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

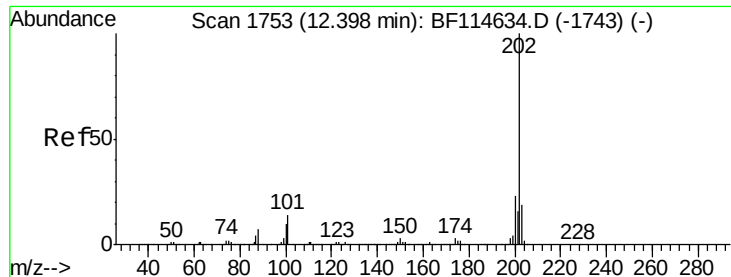
Tgt Ion:167 Resp: 2834314
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.7 28.1
 139 15.2 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 46.428 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion:149 Resp: 3215095
 Ion Ratio Lower Upper
 149 100
 150 11.0 8.6 12.8
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 47.006 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

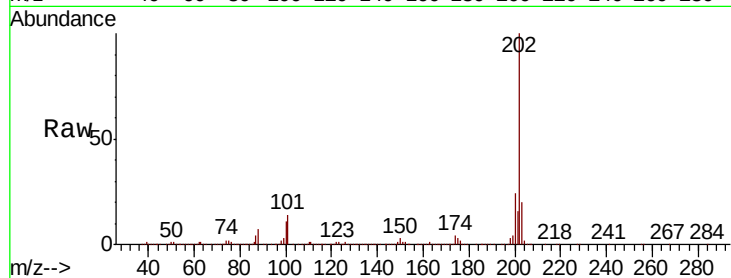
Tgt Ion:202 Resp: 3162876

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.9

203 19.8 0.0 39.1

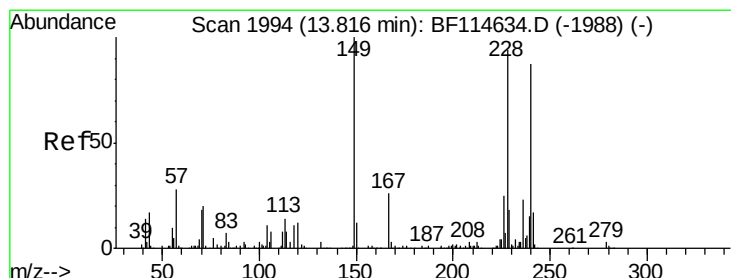
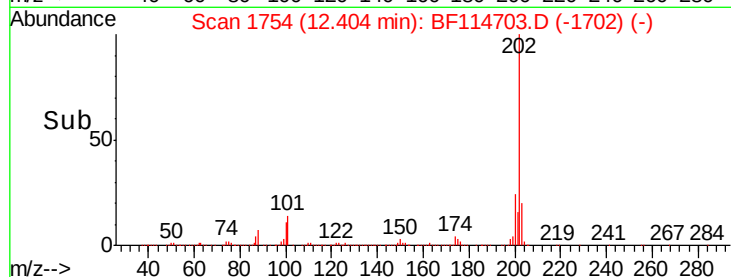
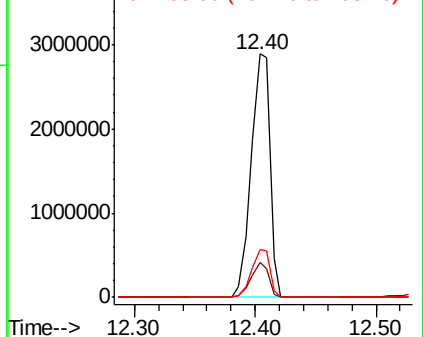


Abundance

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: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

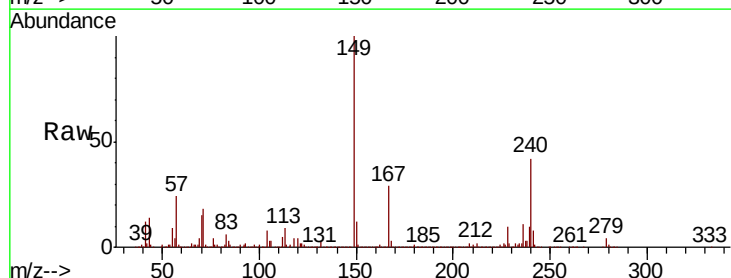
Tgt Ion:240 Resp: 795122

Ion Ratio Lower Upper

240 100

120 10.5 11.2 16.8#

236 27.1 21.2 31.8

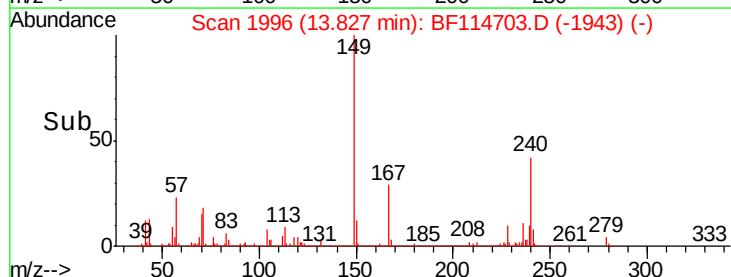
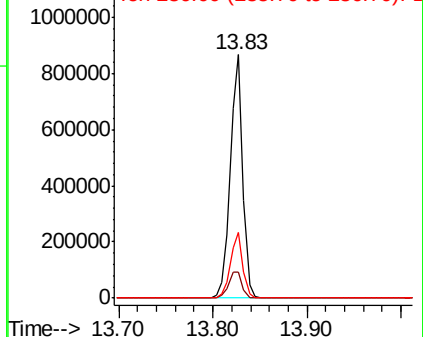


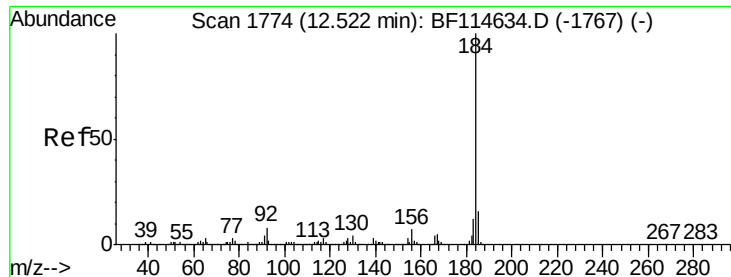
Abundance

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: 16.886 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

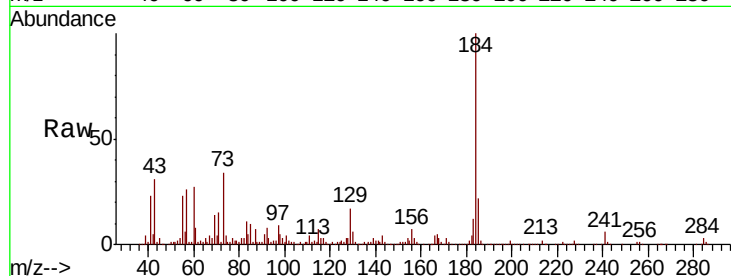
Tgt Ion:184 Resp: 552883

Ion Ratio Lower Upper

184 100

185 21.9 12.6 18.8#

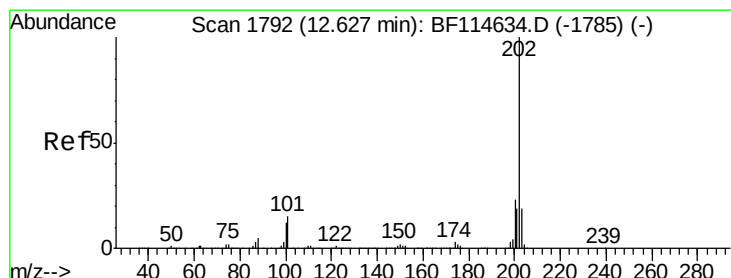
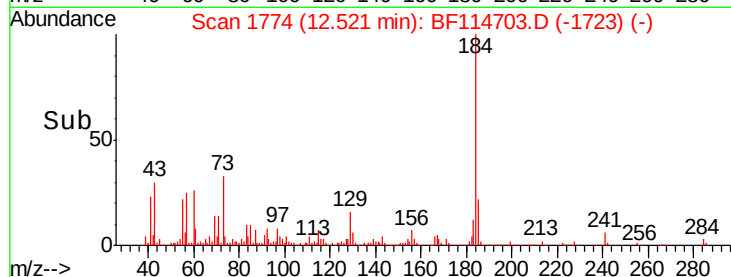
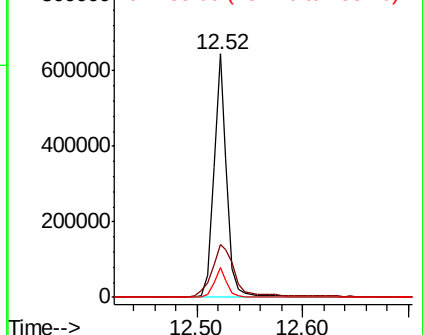
183 12.1 9.4 14.2



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: 47.791 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

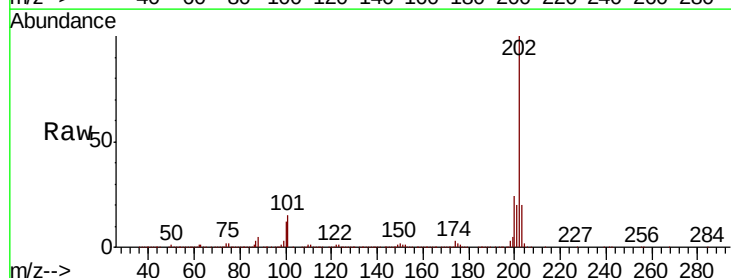
Tgt Ion:202 Resp: 3214477

Ion Ratio Lower Upper

202 100

200 24.4 18.6 28.0

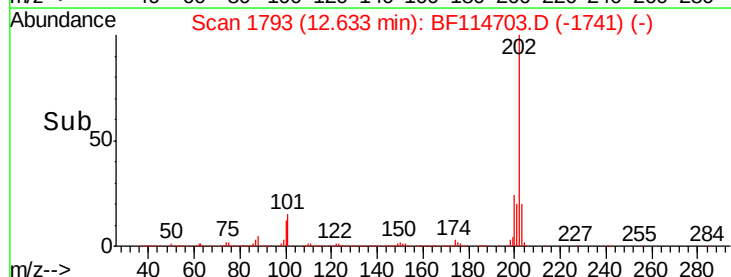
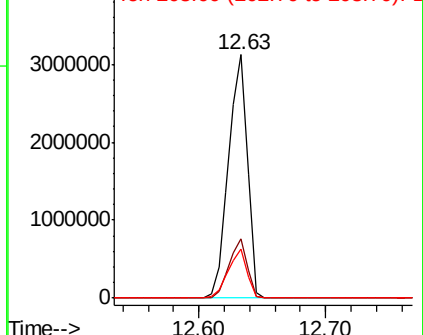
203 19.9 15.4 23.2

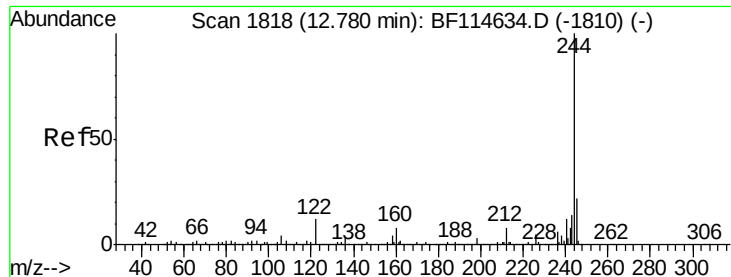


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.121 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

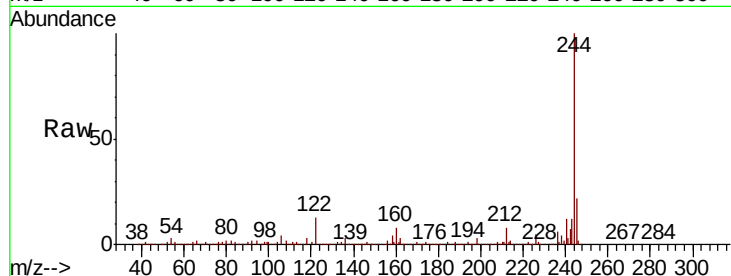
Tgt Ion:244 Resp: 3684376

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

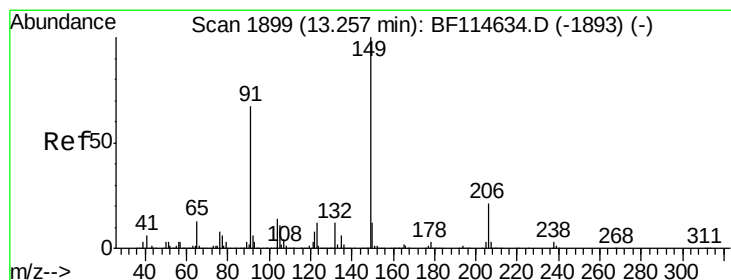
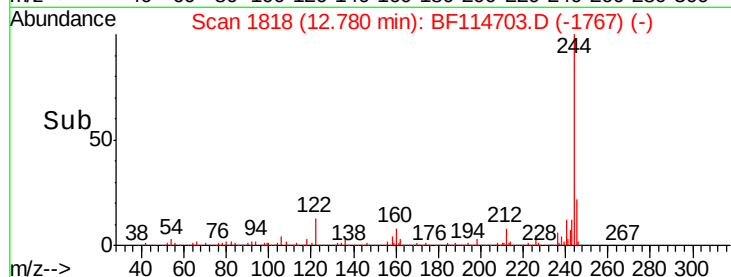
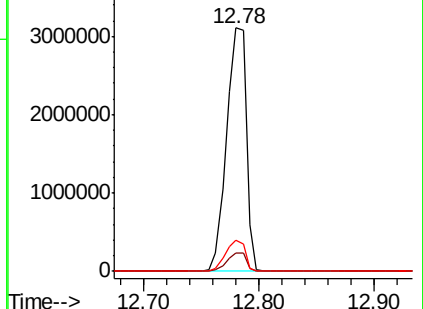
122 12.7 9.8 14.8



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: 47.294 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

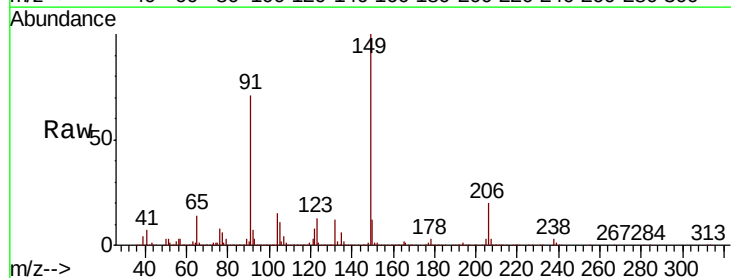
Tgt Ion:149 Resp: 1598685

Ion Ratio Lower Upper

149 100

91 70.6 53.8 80.8

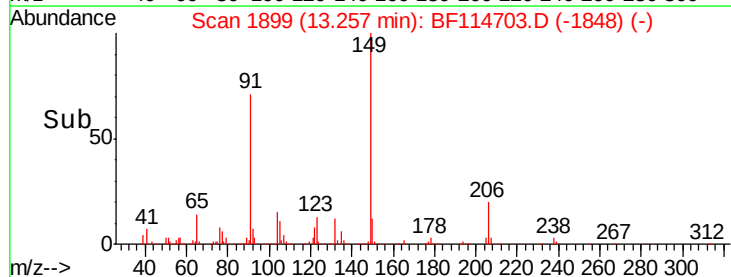
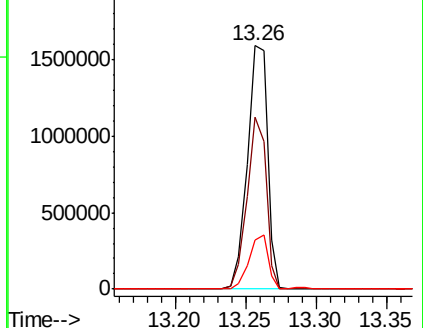
206 20.2 16.9 25.3

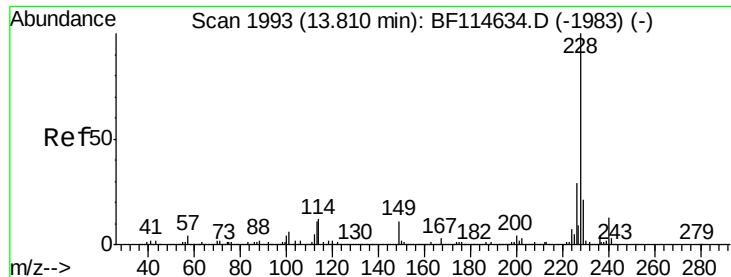


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.558 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

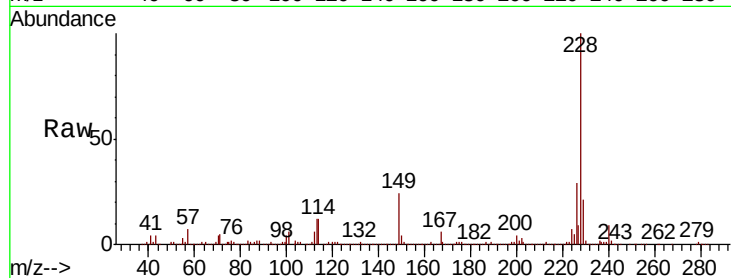
Tgt Ion:228 Resp: 2844796

Ion Ratio Lower Upper

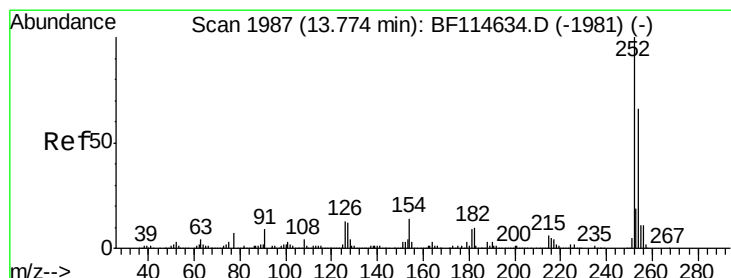
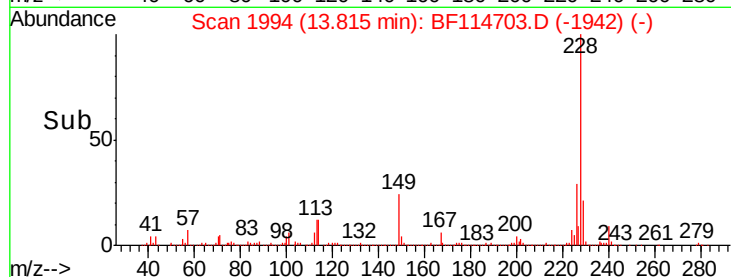
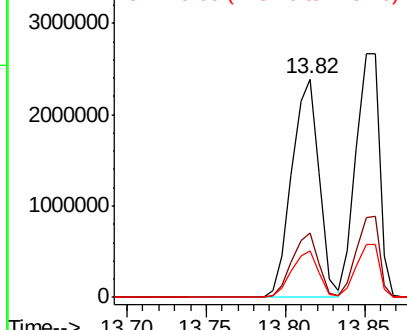
228 100

226 29.4 23.0 34.6

229 21.3 17.0 25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 17.387 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

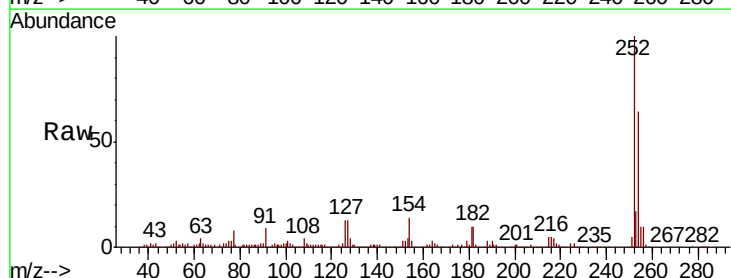
Tgt Ion:252 Resp: 410288

Ion Ratio Lower Upper

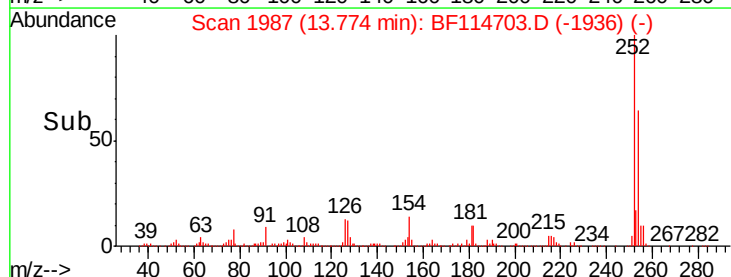
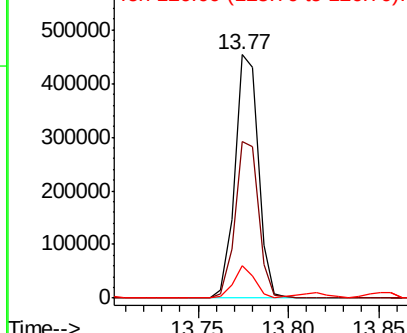
252 100

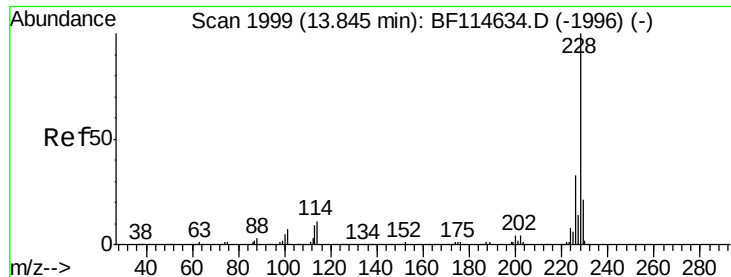
254 64.4 53.1 79.7

126 13.3 10.2 15.2



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

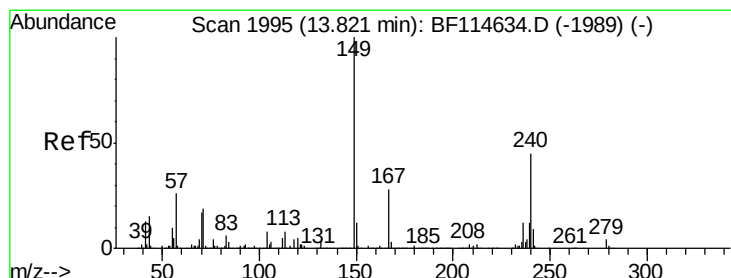
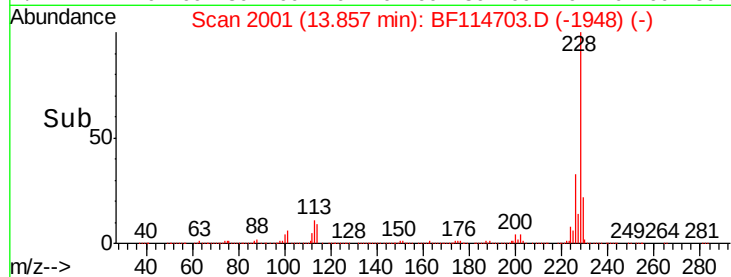
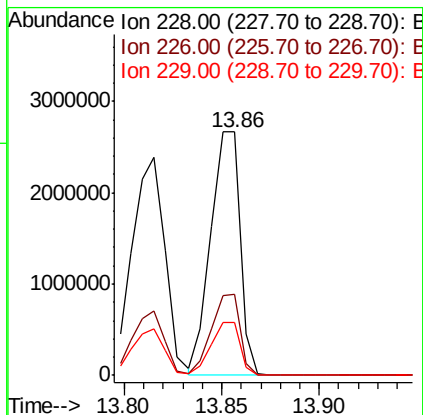
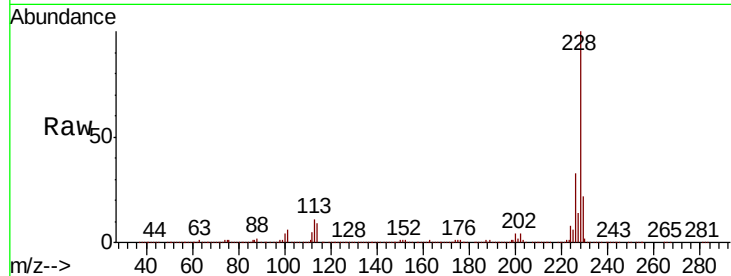




#83
 Chrysene
 Concen: 48.062 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

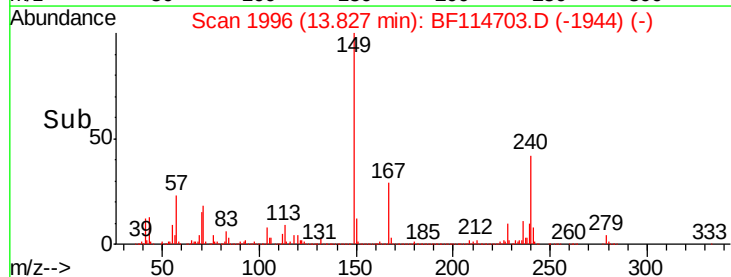
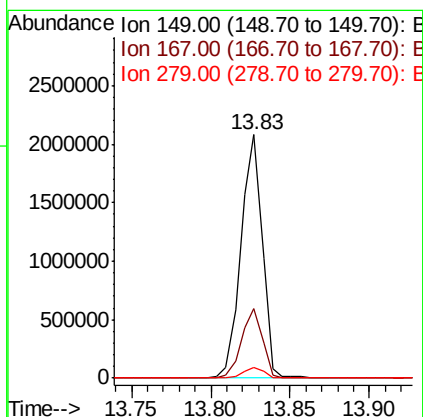
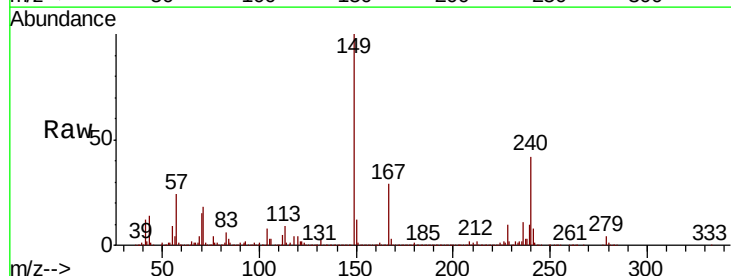
Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019MS

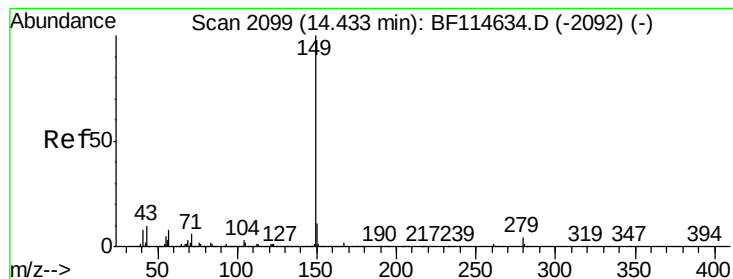
Tgt Ion: 228 Resp: 2805801
 Ion Ratio Lower Upper
 228 100
 226 33.5 26.4 39.6
 229 21.7 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.249 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114703.D
 Acq: 31 May 2019 12:59

Tgt Ion: 149 Resp: 1932771
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.6 33.8
 279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 48.338 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019MS

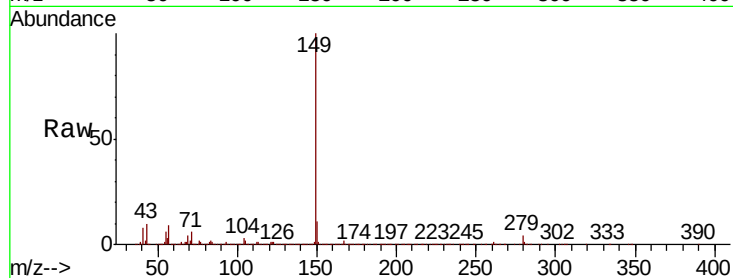
Tgt Ion:149 Resp: 3509794

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

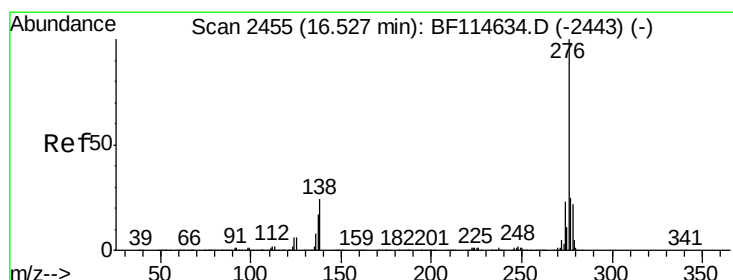
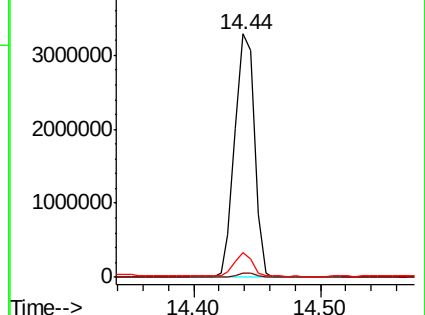
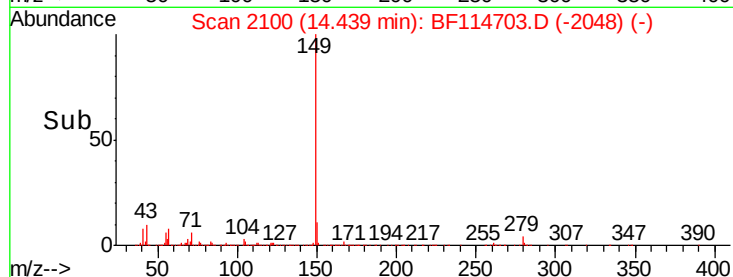
43 9.1 8.0 12.0



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: 48.974 ng

RT: 16.56 min Scan# 2461

Delta R.T. 0.04 min

Lab File: BF114703.D

Acq: 31 May 2019 12:59

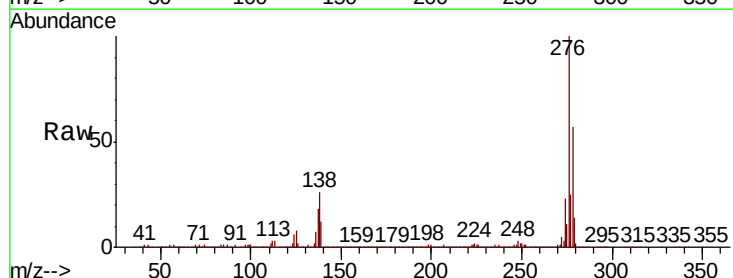
Tgt Ion:276 Resp: 2863461

Ion Ratio Lower Upper

276 100

138 27.6 23.0 34.6

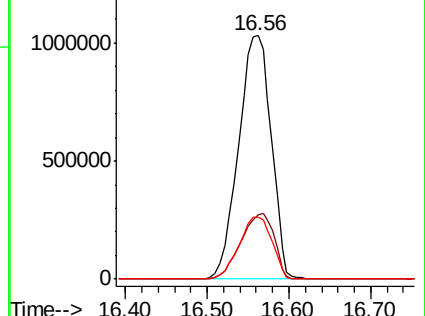
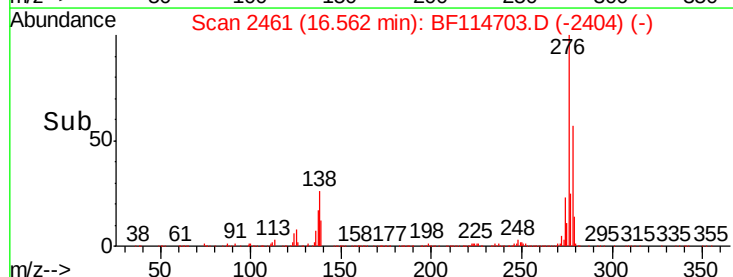
277 25.8 20.5 30.7

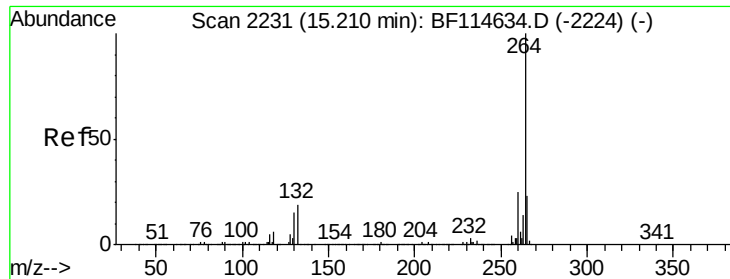


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

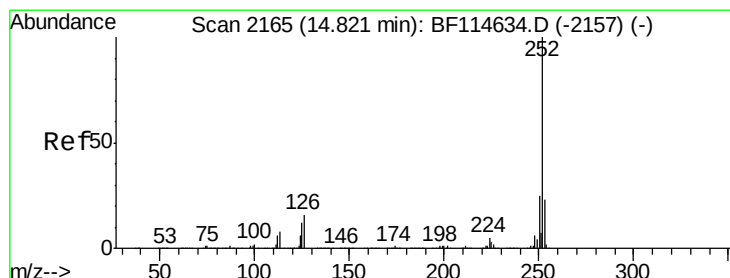
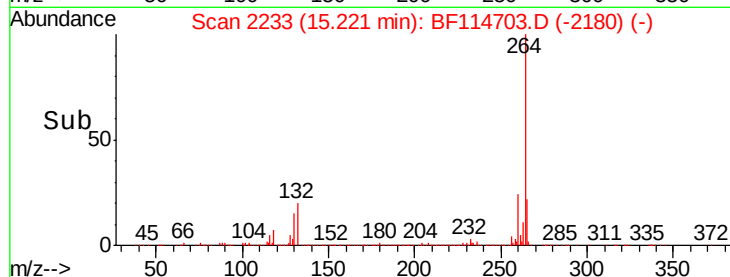
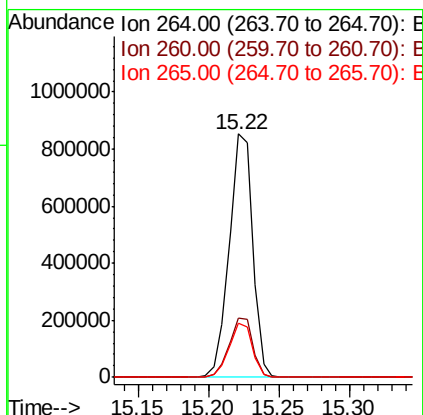
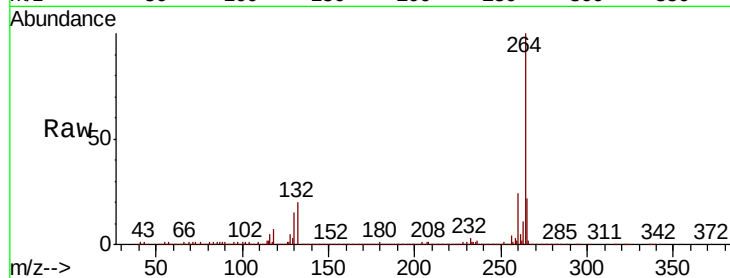




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

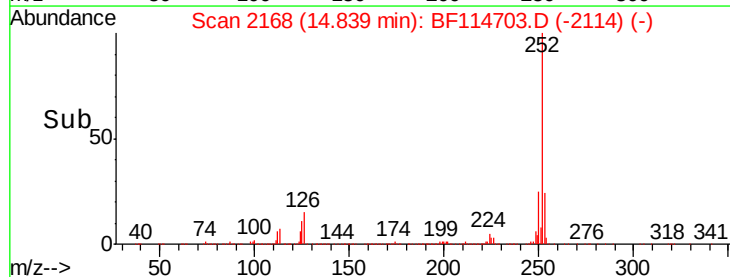
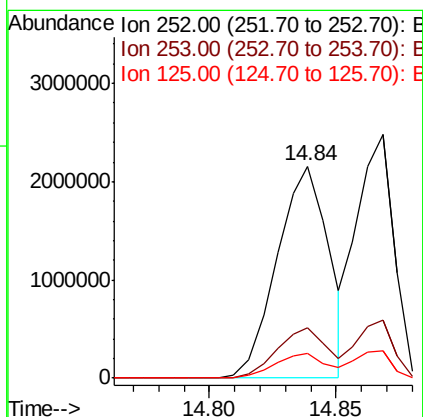
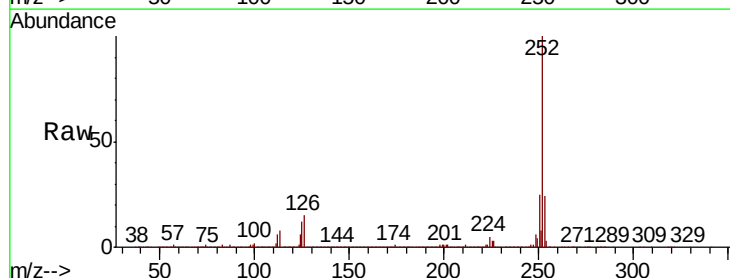
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

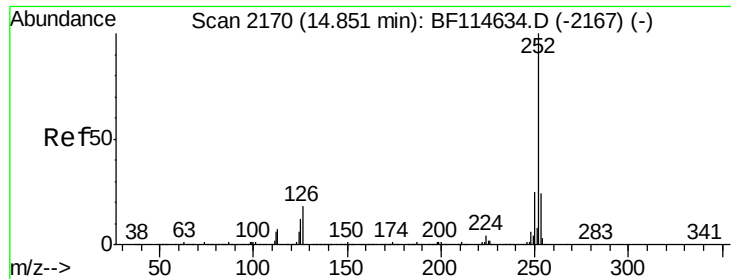
Tgt Ion:264 Resp: 986557
Ion Ratio Lower Upper
264 100
260 24.4 19.7 29.5
265 22.0 18.1 27.1



#88
Benzo(b)fluoranthene
Concen: 49.162 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:252 Resp: 3054766
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 11.5 9.4 14.2

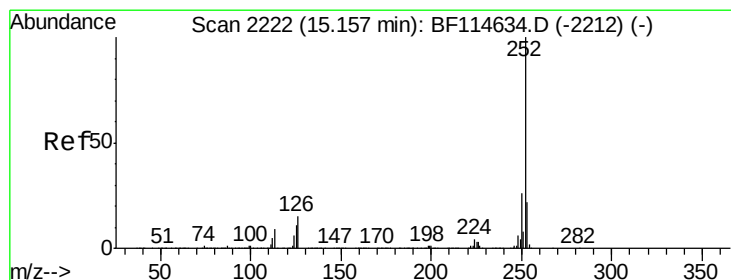
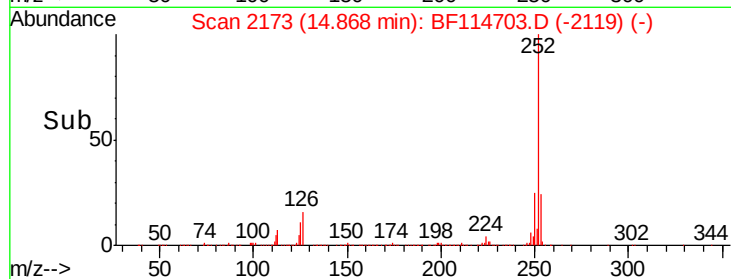
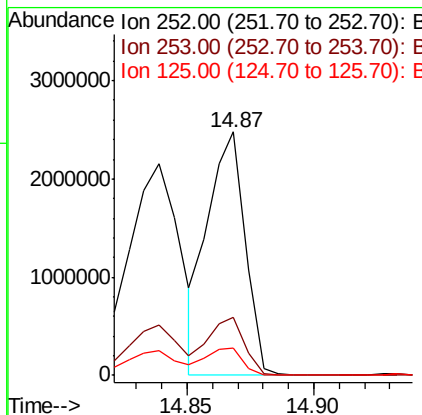
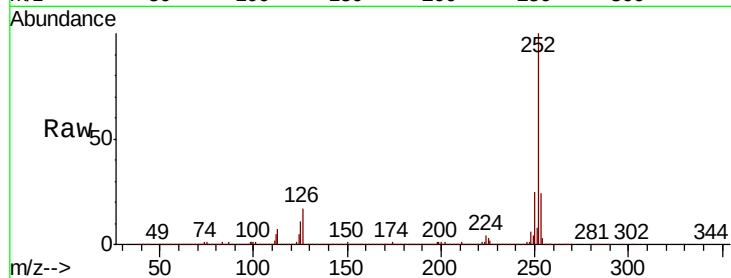




#89
Benzo(k)fluoranthene
Concen: 46.889 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

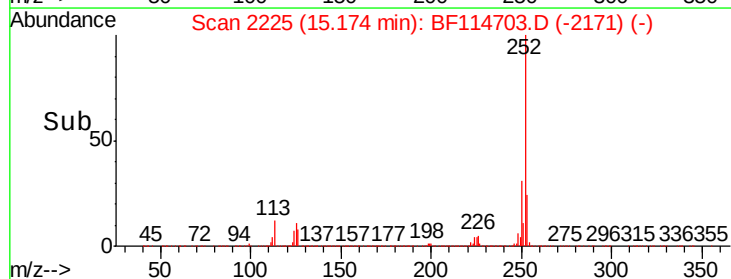
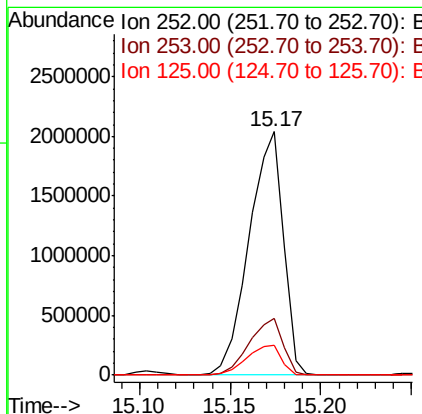
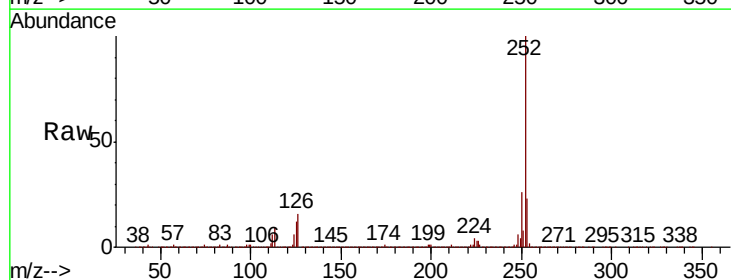
Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

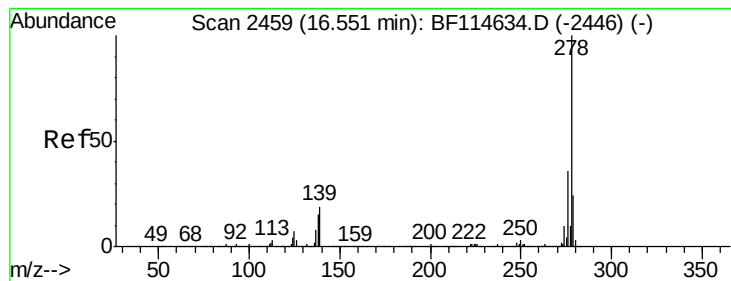
Tgt Ion:252 Resp: 2532386
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 11.1 9.5 14.3



#90
Benzo(a)pyrene
Concen: 48.885 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.02 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion:252 Resp: 2668488
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.1 9.2 13.8

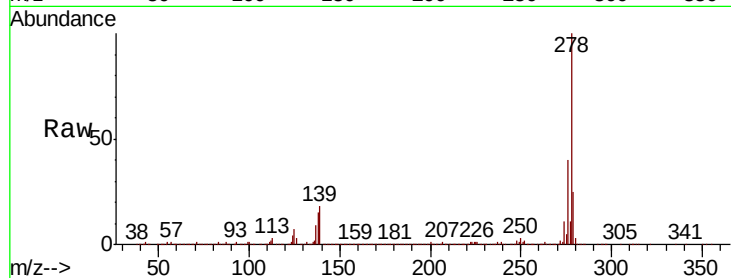




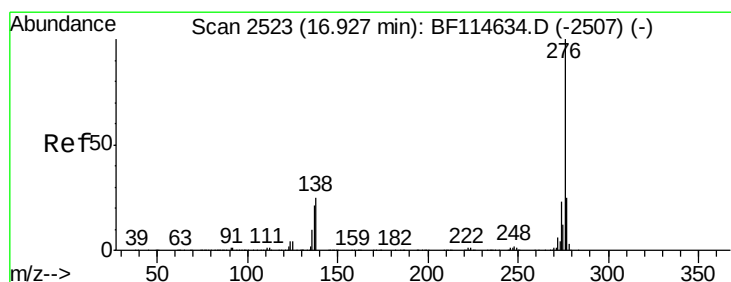
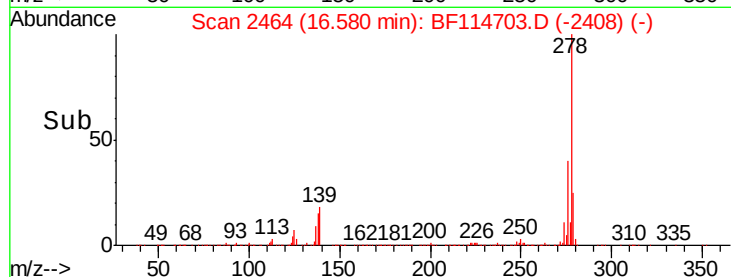
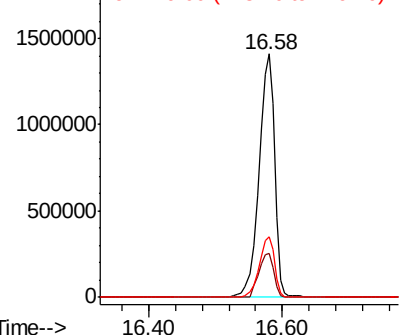
#91
Dibenzo(a,h)anthracene
Concen: 48.290 ng
RT: 16.58 min Scan# 2464
Delta R.T. 0.03 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019MS

Tgt Ion: 278 Resp: 2329303
Ion Ratio Lower Upper
278 100
139 18.0 14.9 22.3
279 24.9 19.5 29.3

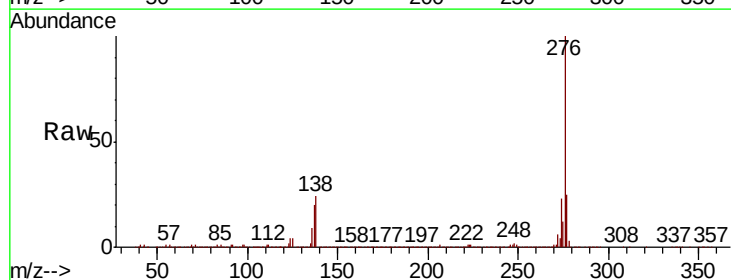


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.552 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.04 min
Lab File: BF114703.D
Acq: 31 May 2019 12:59

Tgt Ion: 276 Resp: 2413470
Ion Ratio Lower Upper
276 100
277 24.5 19.7 29.5
138 23.7 19.8 29.8



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

