

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114693.D
 Acq On : 31 May 2019 8:23
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 31 12:12:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	452484	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	1794721	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	866142	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1630813	20.00	ng	0.00
76) Chrysene-d12	13.83	240	850024	20.00	ng	0.00
87) Perylene-d12	15.22	264	922193	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2018697	78.33	ng	0.00
7) Phenol-d6	6.34	99	2459129	79.18	ng	0.00
23) Nitrobenzene-d5	7.27	82	2359635	82.03	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	708964	85.90	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3811255	82.12	ng	0.00
79) Terphenyl-d14	12.79	244	3898788	86.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	479742	38.790	ng	100
3) Pyridine	3.06	79	1383280	38.431	ng	100
4) n-Nitrosodimethylamine	3.01	42	549806	37.747	ng	100
6) Aniline	6.36	93	1818100	38.757	ng	100
8) 2-Chlorophenol	6.49	128	1218453	40.938	ng	100
9) Benzaldehyde	6.25	77	761360	45.524	ng	100
10) Phenol	6.36	94	1435424	38.261	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	1150124	40.079	ng	100
12) 1,3-Dichlorobenzene	6.65	146	1375715	40.570	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1368659	40.234	ng	100
14) 1,2-Dichlorobenzene	6.87	146	1255434	40.536	ng	100
15) Benzyl Alcohol	6.85	79	984565	40.303	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1638815	37.234	ng	100
17) 2-Methylphenol	6.96	107	1027066	40.799	ng	100
18) Hexachloroethane	7.22	117	506170	39.300	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	816669	38.097	ng	100
20) 3+4-Methylphenols	7.12	107	1105363	37.334	ng	100
22) Acetophenone	7.12	105	1539338	40.255	ng	100
24) Nitrobenzene	7.29	77	1226605	40.141	ng	100
25) Isophorone	7.53	82	2266650	39.262	ng	100
26) 2-Nitrophenol	7.60	139	658699	44.284	ng	100
27) 2,4-Dimethylphenol	7.65	122	1006053	40.668	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	1480925	40.298	ng	100
29) 2,4-Dichlorophenol	7.85	162	1042499	41.402	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	1194958	41.655	ng	100
31) Naphthalene	8.00	128	3173787	38.392	ng	100
32) Benzoic acid	7.79	122	663482	41.293	ng	100
33) 4-Chloroaniline	8.05	127	1592936	40.445	ng	100
34) Hexachlorobutadiene	8.13	225	665140	41.737	ng	100
35) Caprolactam	8.44	113	353618	41.615	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	1026391	40.647	ng	100
37) 2-Methylnaphthalene	8.69	142	2200420	40.061	ng	100
38) 1-Methylnaphthalene	8.79	142	2117218	40.684	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	996464	43.201	ng	100

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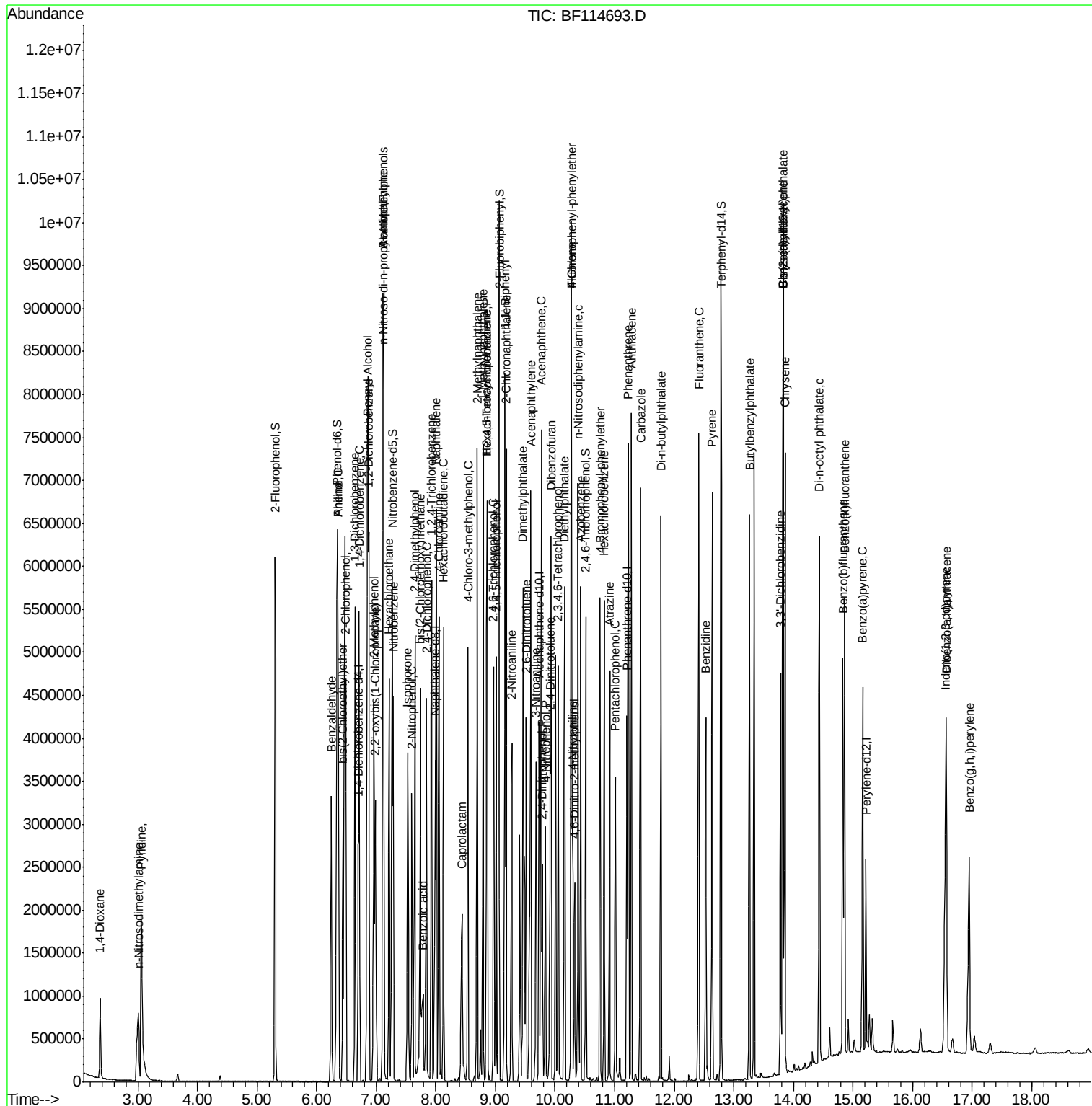
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	632692	41.508	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	772527	42.565	ng	100
44) 2,4,5-Trichlorophenol	9.01	196	789426	43.588	ng	100
46) 1,1'-Biphenyl	9.16	154	2565302	39.899	ng	100
47) 2-Chloronaphthalene	9.18	162	2174479	41.230	ng	100
48) 2-Nitroaniline	9.27	65	694666	42.682	ng	100
49) Acenaphthylene	9.59	152	3169845	38.904	ng	100
50) Dimethylphthalate	9.46	163	2506708	41.533	ng	100
51) 2,6-Dinitrotoluene	9.52	165	599657	42.759	ng	100
52) Acenaphthene	9.77	154	2082741	41.681	ng	100
53) 3-Nitroaniline	9.68	138	747854	43.571	ng	100
54) 2,4-Dinitrophenol	9.79	184	315420	57.020	ng	100
55) Dibenzofuran	9.94	168	2754382	38.724	ng	100
56) 4-Nitrophenol	9.84	139	533748	41.963	ng	100
57) 2,4-Dinitrotoluene	9.92	165	771290	42.853	ng	100
58) Fluorene	10.28	166	1922466	39.535	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	637066	42.974	ng	100
60) Diethylphthalate	10.16	149	2479214	40.219	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	1000470	41.226	ng	100
62) 4-Nitroaniline	10.29	138	717688	42.910	ng	100
63) Azobenzene	10.43	77	2181889	38.553	ng	100
65) 4,6-Dinitro-2-methylphenol	10.33	198	318420	44.034	ng	100
66) n-Nitrosodiphenylamine	10.39	169	1972703	40.942	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	736329	42.104	ng	100
68) Hexachlorobenzene	10.83	284	780834	41.222	ng	100
69) Atrazine	10.92	200	613579	39.571	ng	100
70) Pentachlorophenol	11.02	266	451126	41.316	ng	100
71) Phenanthrene	11.23	178	3065275	36.846	ng	100
72) Anthracene	11.28	178	3095468	36.765	ng	100
73) Carbazole	11.43	167	2860755	38.660	ng	100
74) Di-n-butylphthalate	11.77	149	3455831	36.955	ng	100
75) Fluoranthene	12.41	202	3089884	35.870	ng	100
77) Benzidine	12.53	184	1538840	43.964	ng	100
78) Pyrene	12.64	202	3114191	43.310	ng	100
80) Butylbenzylphthalate	13.26	149	1565021	43.308	ng	100
81) Benzo(a)anthracene	13.82	228	2567269	39.302	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	1077057	42.696	ng	100
83) Chrysene	13.86	228	2516250	40.319	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	1799882	40.288	ng	100
85) Di-n-octyl phthalate	14.43	149	3149738	40.578	ng	100
86) Indeno(1,2,3-cd)pyrene	16.55	276	2290186	36.639	ng	100
88) Benzo(b)fluoranthene	14.83	252	2318029	39.909	ng	100
89) Benzo(k)fluoranthene	14.86	252	2177478	43.132	ng	100
90) Benzo(a)pyrene	15.16	252	2080036	40.765	ng	100
91) Dibenzo(a,h)anthracene	16.57	278	1855817	41.159	ng	100
92) Benzo(g,h,i)perylene	16.95	276	1871302	42.761	ng	100

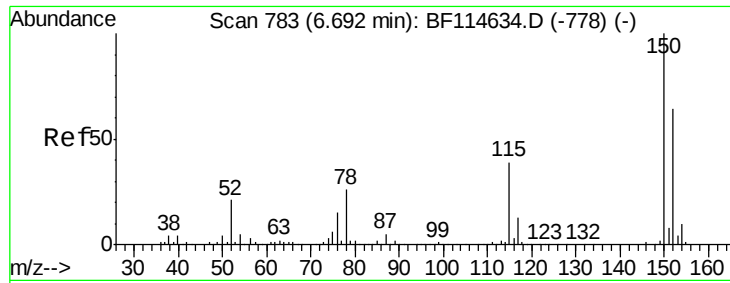
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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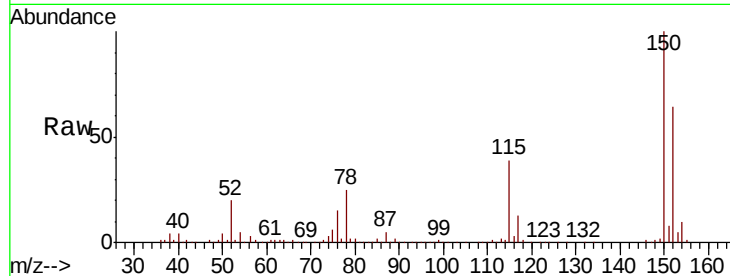


#1

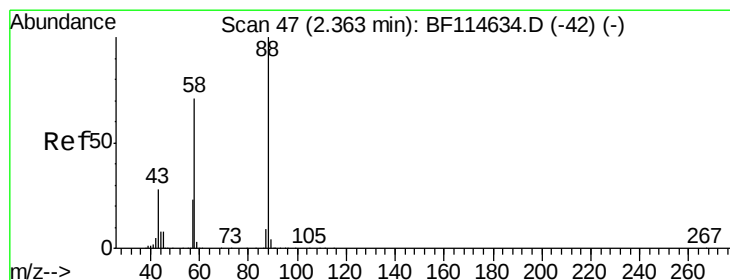
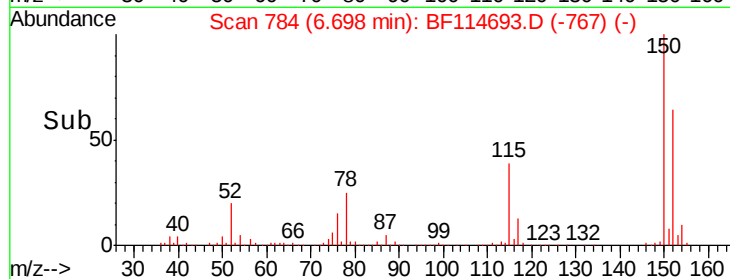
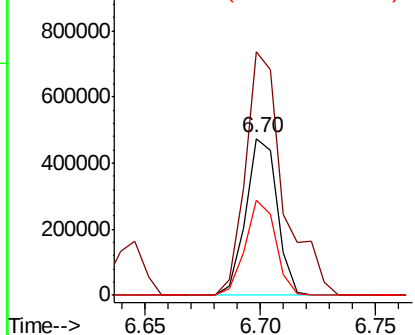
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	61.0	48.8	73.2



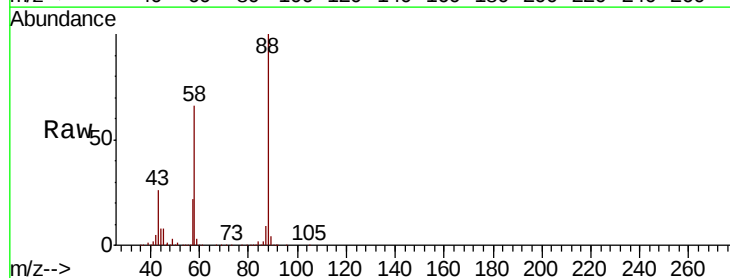
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



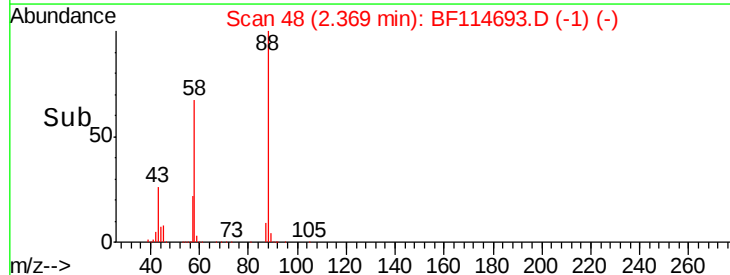
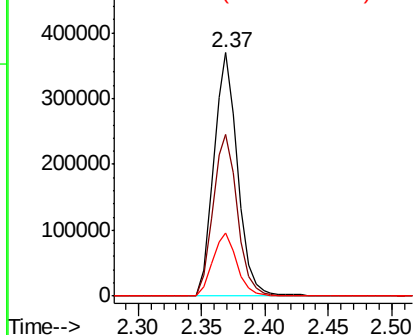
#2

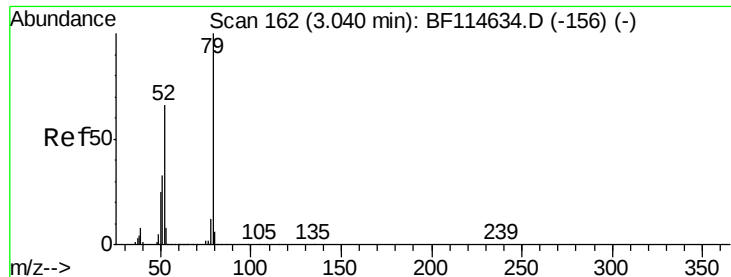
1,4-Dioxane
Concen: 38.790 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	26.2	21.0	31.4



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





#3

Pvridine

Concen: 38.431 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

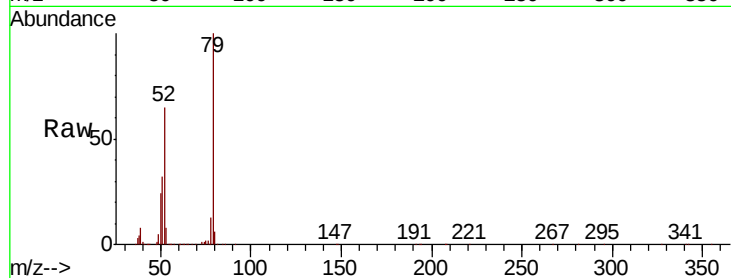
Tot Ion: 79 Resp: 1383280

Ion Ratio Lower Upper

79 100

52 64.9 51.9 77.9

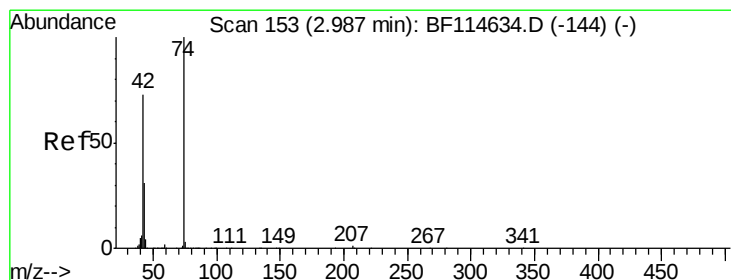
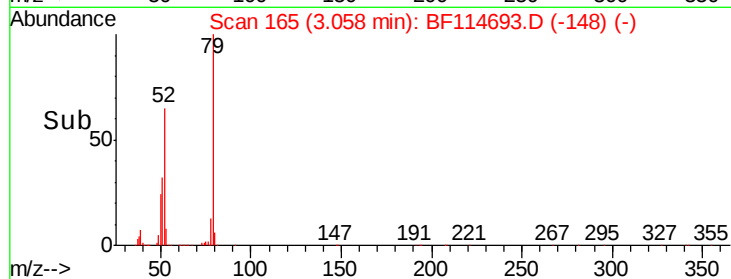
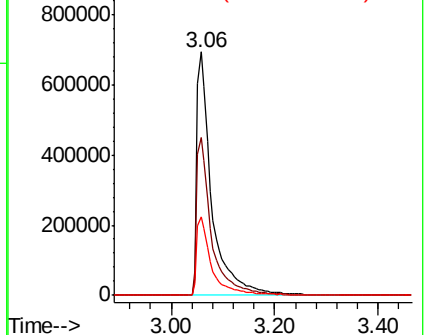
51 32.4 25.9 38.9



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: 37.747 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

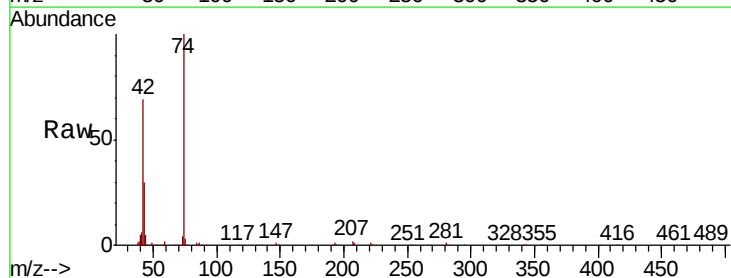
Tgt Ion: 42 Resp: 549806

Ion Ratio Lower Upper

42 100

74 146.0 116.8 175.2

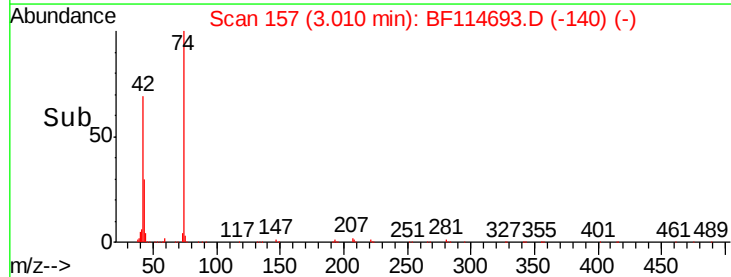
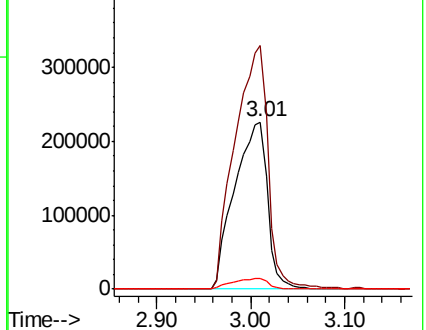
44 6.6 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.329 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF114693.D

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Instrument :

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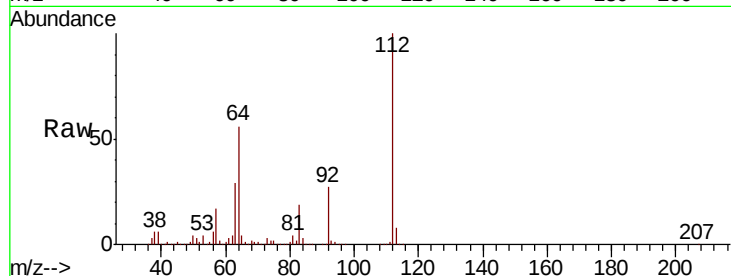
Tot Ion:112 Resp: 2018697

Ion Ratio Lower Upper

112 100

64 56.0 44.8 67.2

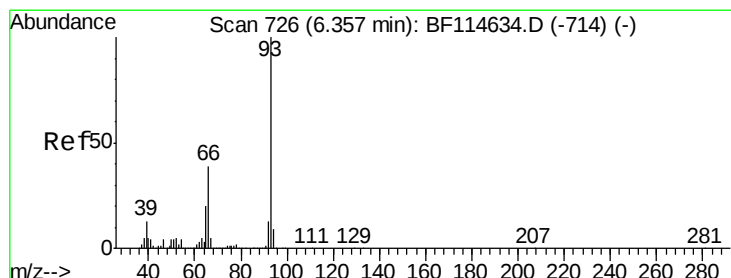
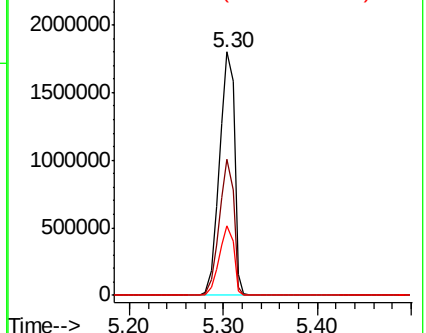
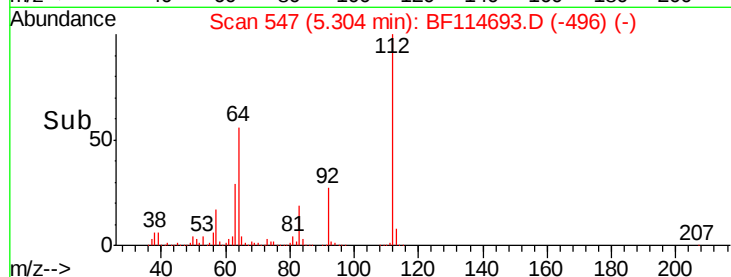
63 28.8 23.0 34.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.757 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

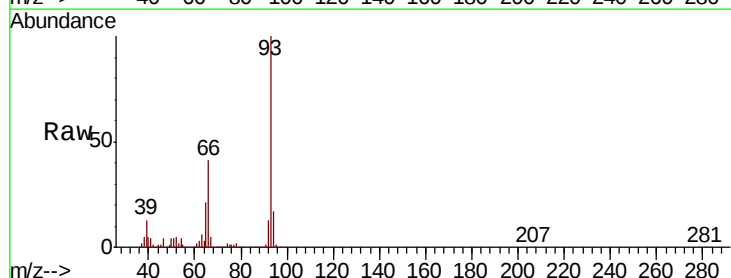
Tgt Ion: 93 Resp: 1818100

Ion Ratio Lower Upper

93 100

66 41.4 33.1 49.7

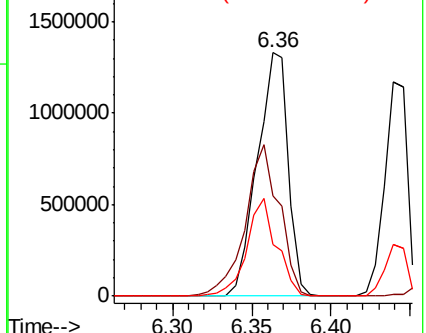
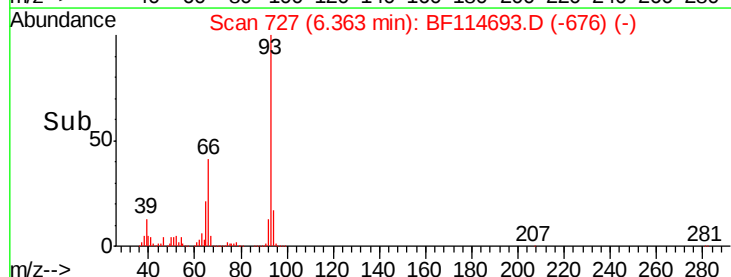
65 21.2 17.0 25.4

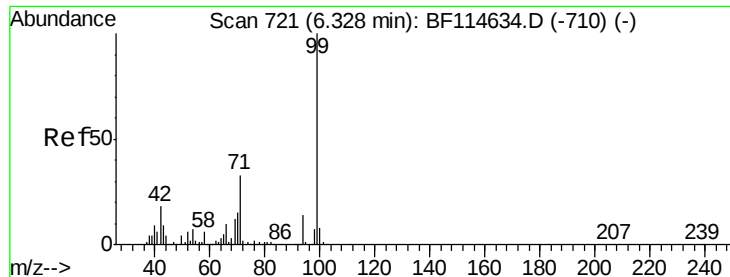


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.183 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114693.D

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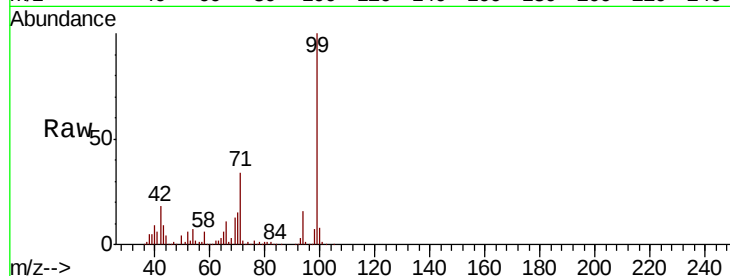
Tot Ion: 99 Resp: 2459129

Ion Ratio Lower Upper

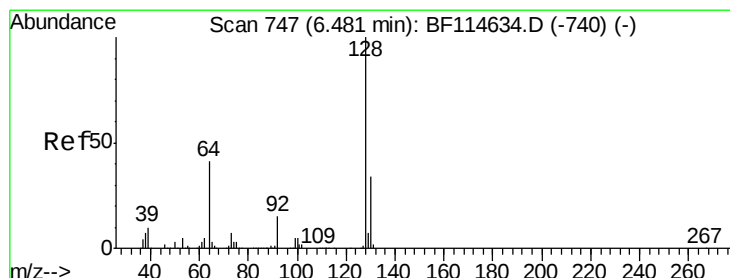
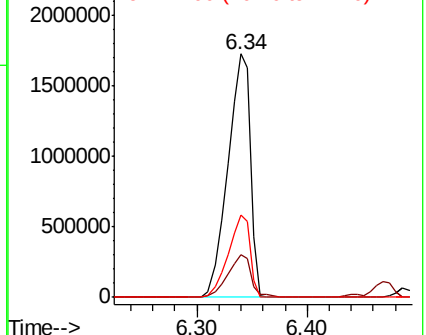
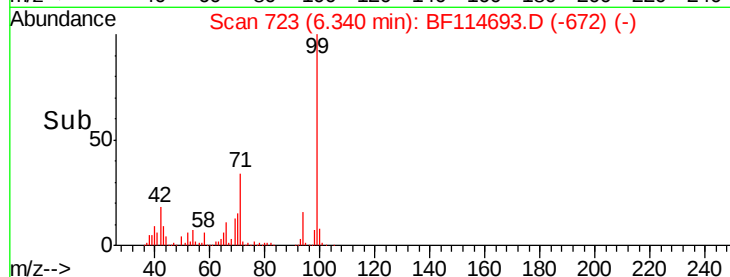
99 100

42 17.6 14.1 21.1

71 34.1 27.3 40.9



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



#8

2-Chlorophenol

Concen: 40.938 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

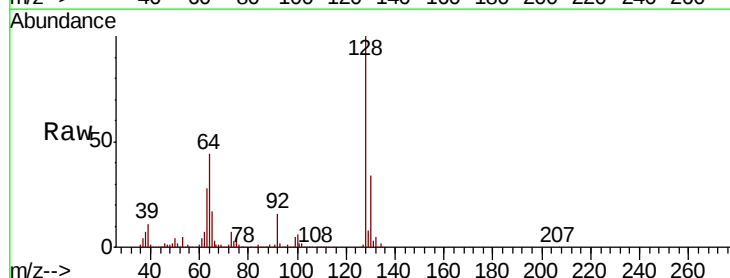
Tgt Ion:128 Resp: 1218453

Ion Ratio Lower Upper

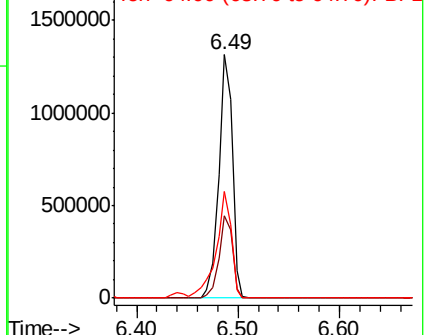
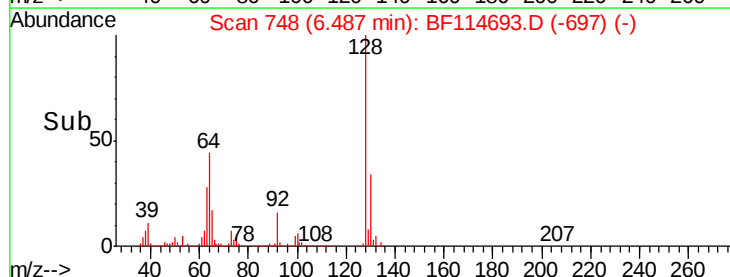
128 100

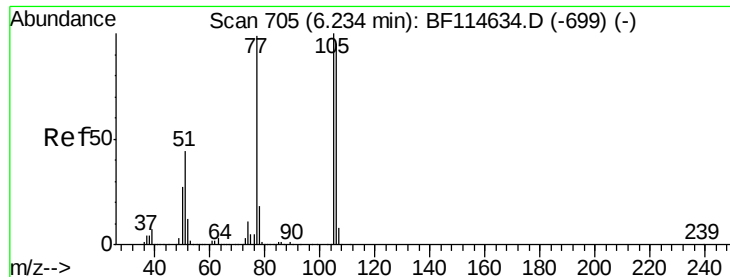
130 33.6 13.6 53.6

64 44.0 24.0 64.0



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: 45.524 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

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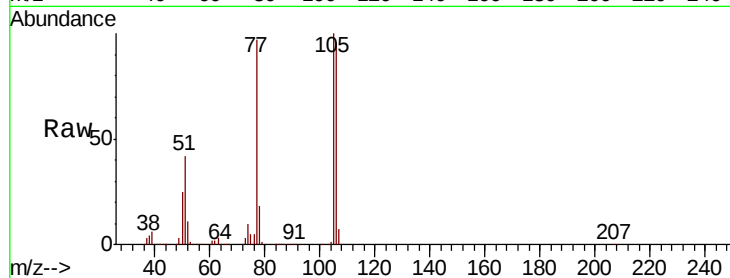
Tot Ion: 77 Resp: 761360

Ion Ratio Lower Upper

77 100

105 103.0 83.0 123.0

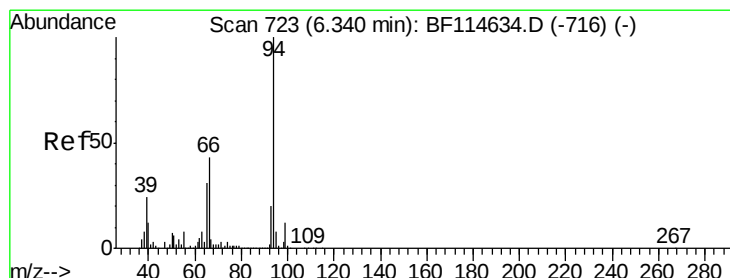
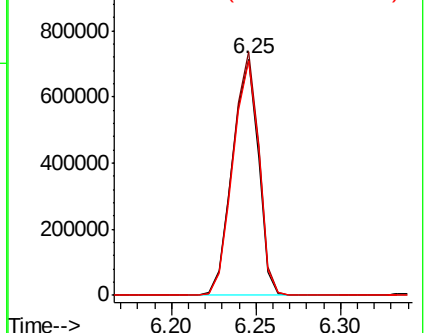
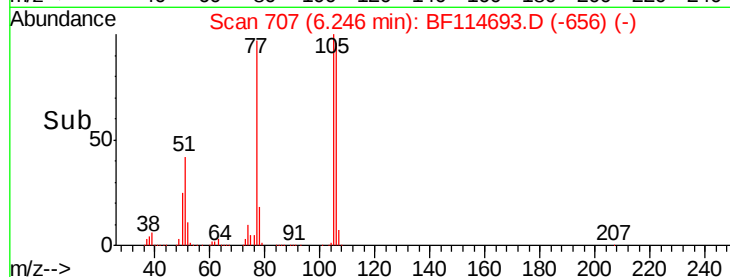
106 99.2 79.2 119.2



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: 38.261 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

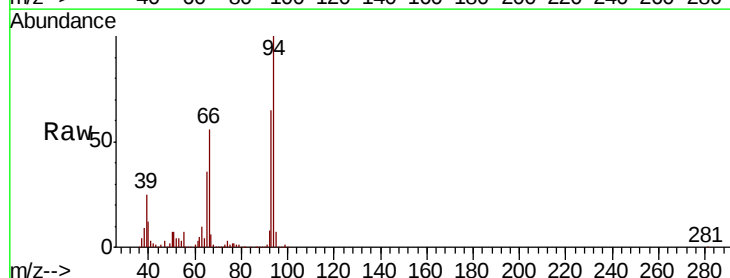
Tgt Ion: 94 Resp: 1435424

Ion Ratio Lower Upper

94 100

65 36.5 16.5 56.5

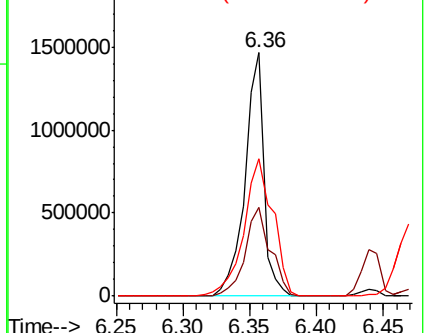
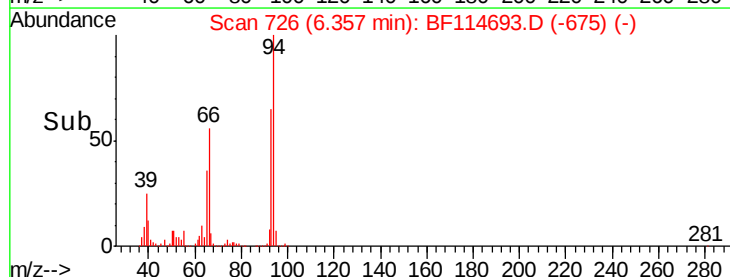
66 56.3 36.3 76.3



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

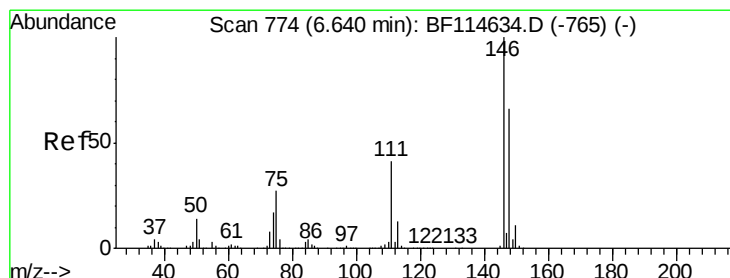
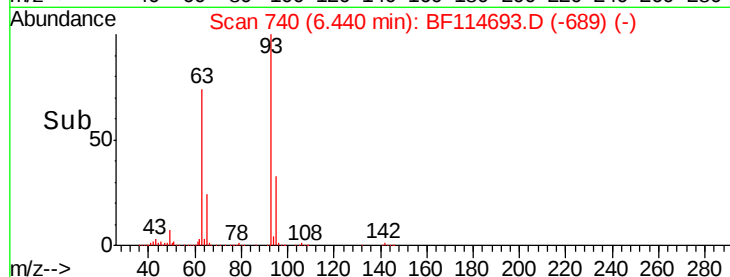
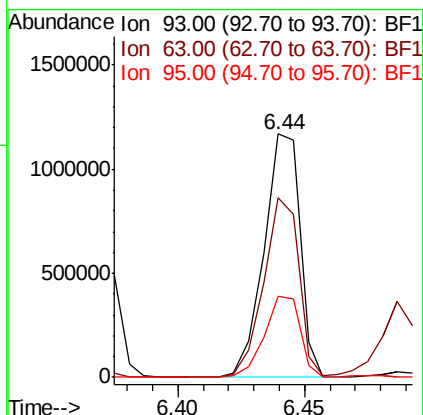
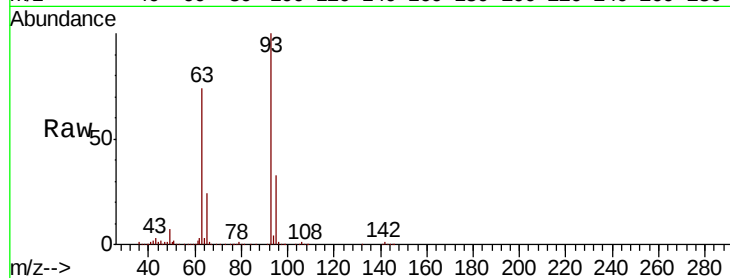




#11
bis(2-Chloroethyl)ether
Concen: 40.079 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

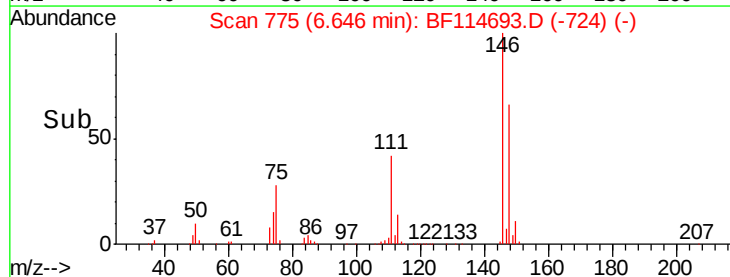
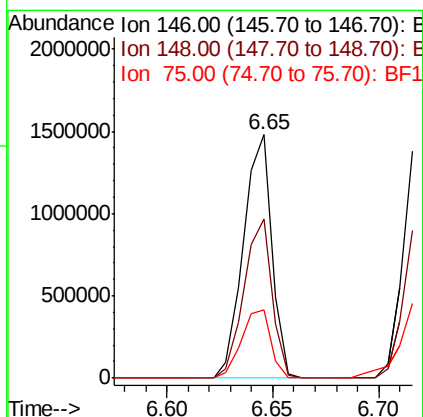
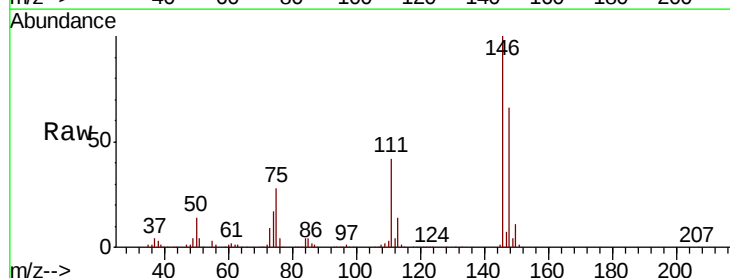
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

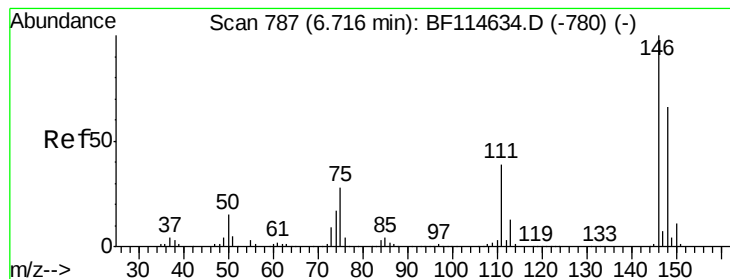
Tot Ion: 93 Resp: 1150124
Ion Ratio Lower Upper
93 100
63 73.5 53.5 93.5
95 33.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.570 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion: 146 Resp: 1375715
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
75 28.3 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 40.234 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

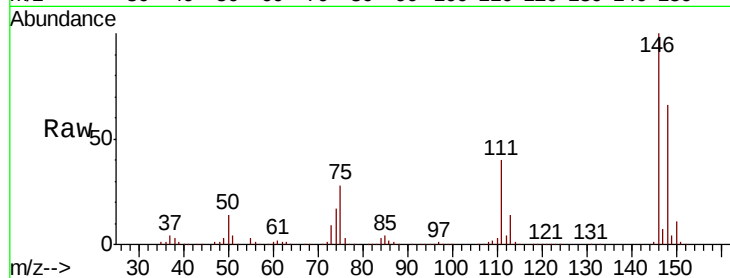
Tot Ion:146 Resp: 1368659

Ion Ratio Lower Upper

146 100

148 66.5 53.2 79.8

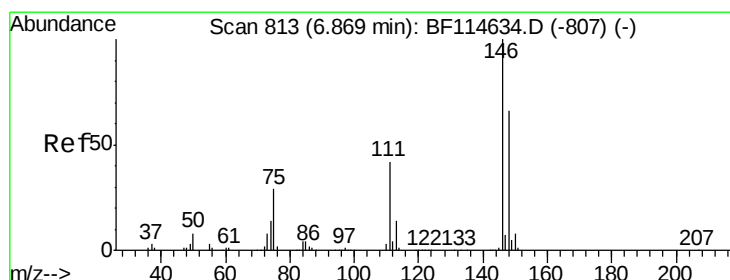
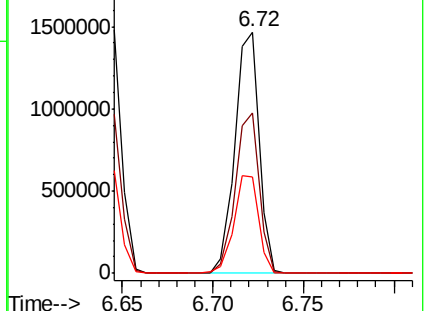
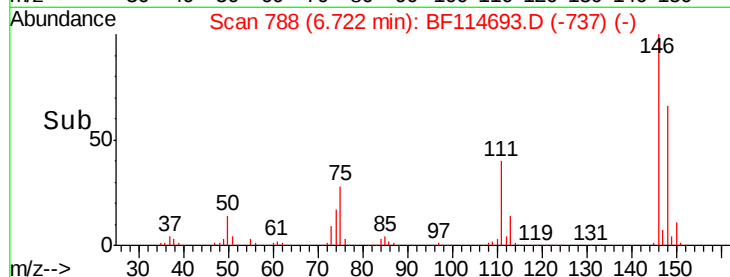
111 39.9 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.536 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

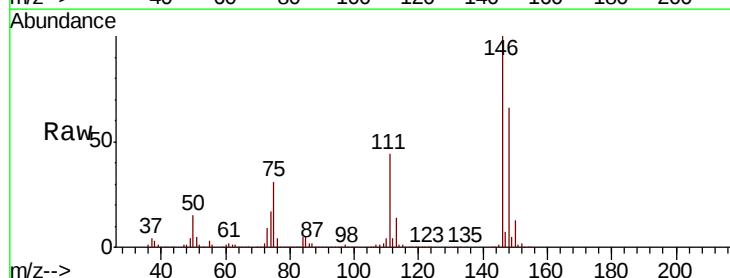
Tgt Ion:146 Resp: 1255434

Ion Ratio Lower Upper

146 100

148 66.1 52.9 79.3

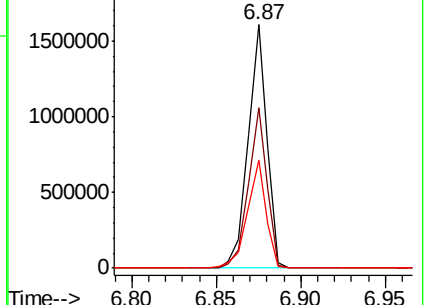
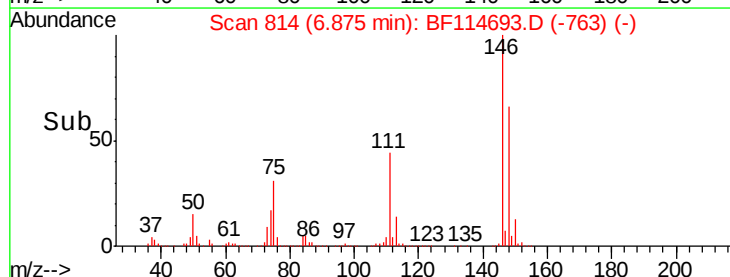
111 44.4 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.303 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

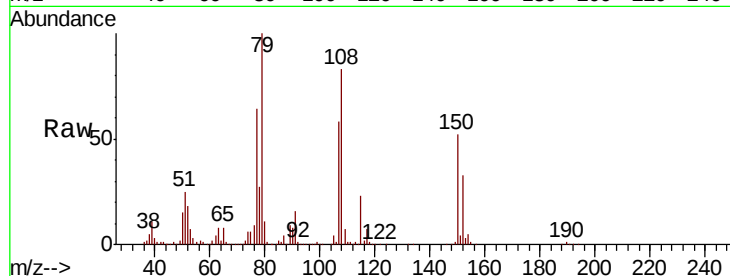
Tot Ion: 79 Resp: 984565

Ion Ratio Lower Upper

79 100

108 83.0 66.4 99.6

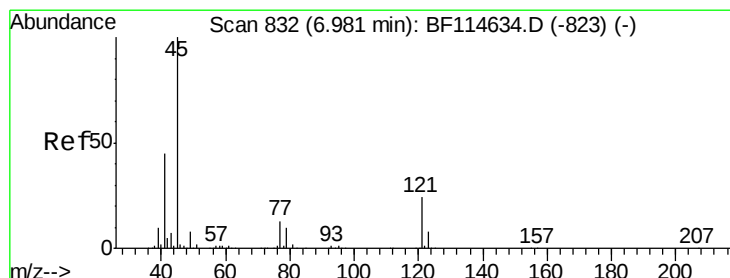
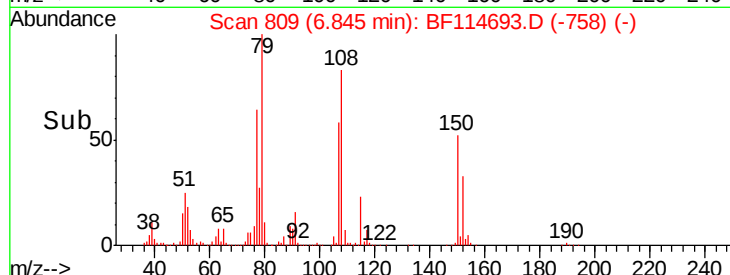
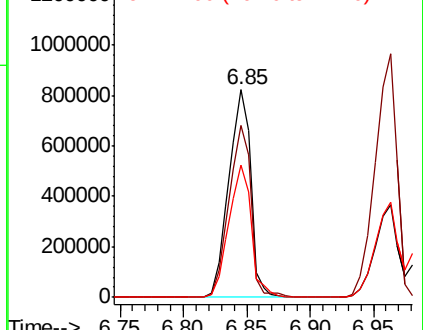
77 63.6 50.9 76.3



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: 37.234 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

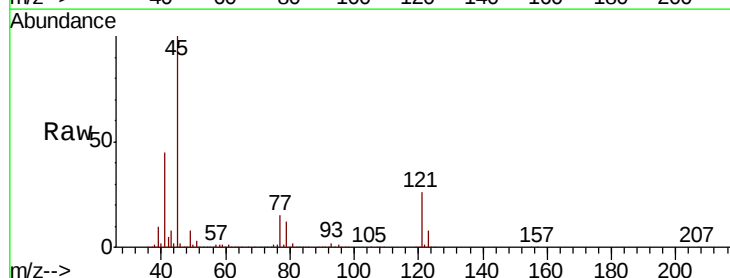
Tgt Ion: 45 Resp: 1638815

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.3

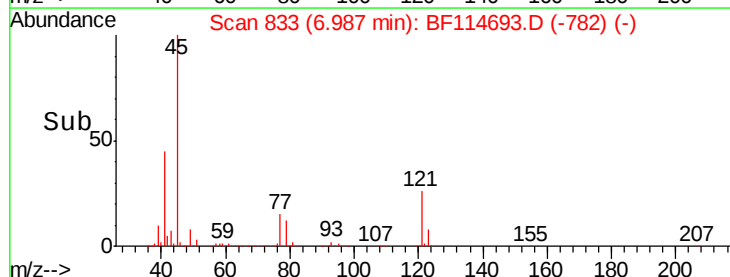
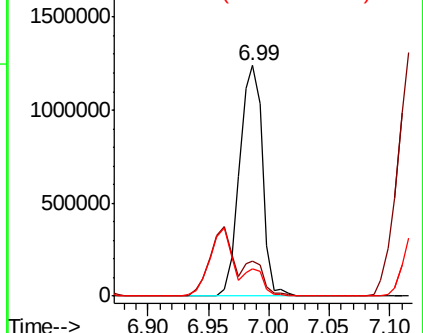
79 12.0 0.0 32.0

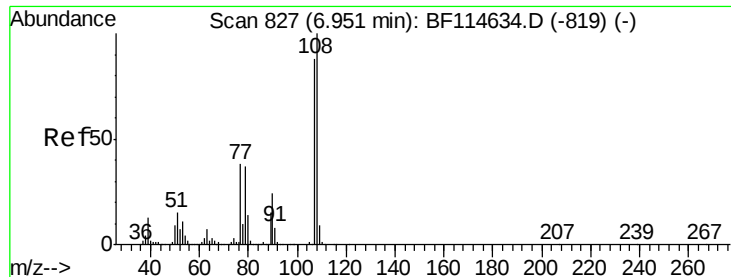


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



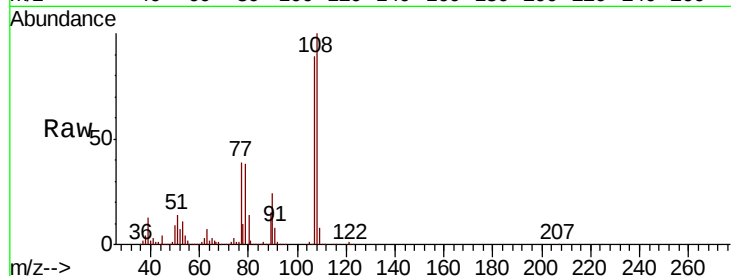


#17
2-Methylphenol
Concen: 40.799 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

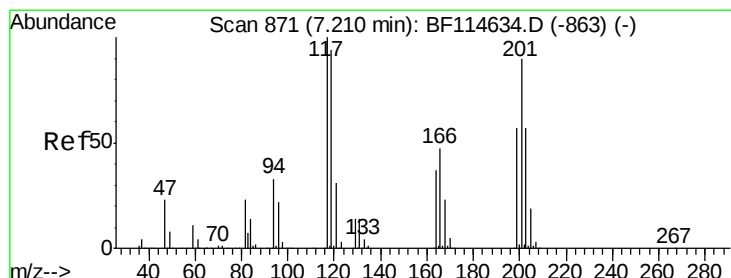
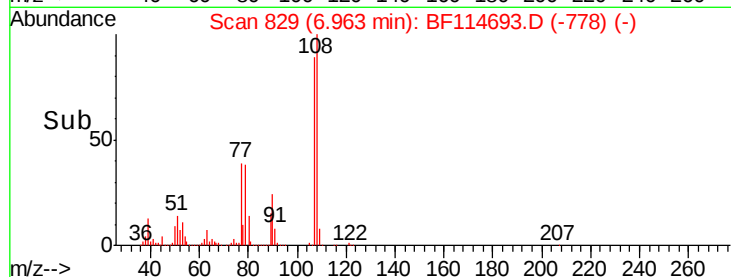
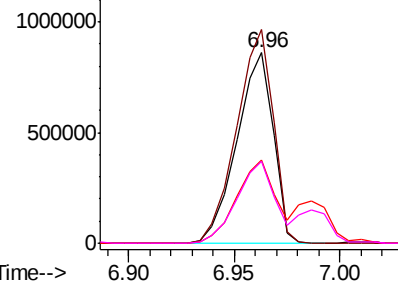
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 1027066

Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	43.6	34.9	52.3
79	42.7	34.2	51.2



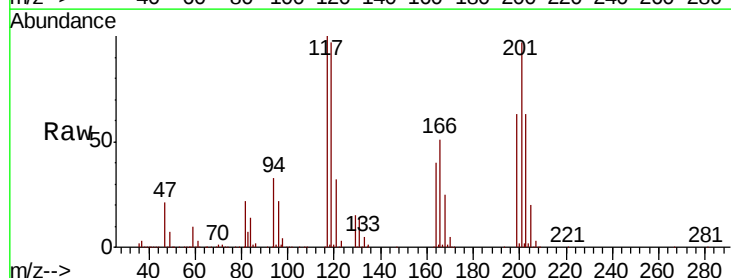
Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



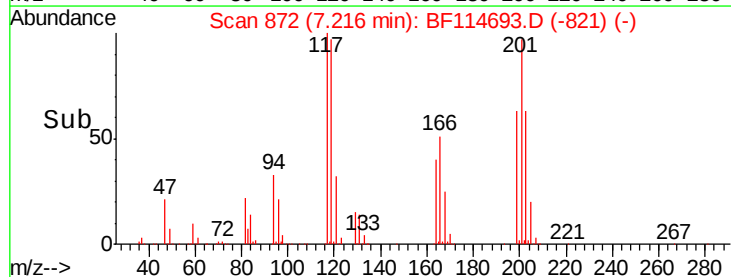
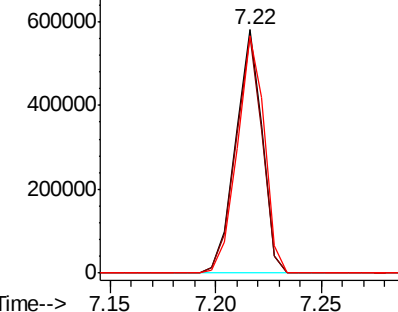
#18
Hexachloroethane
Concen: 39.300 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

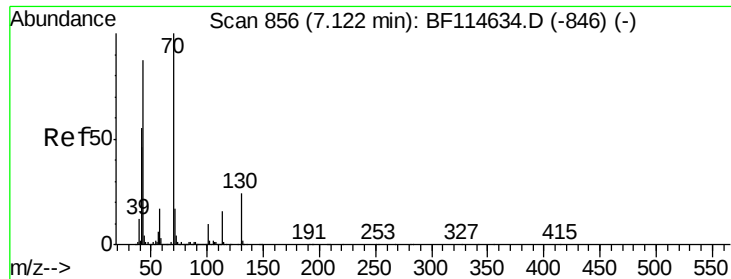
Tgt Ion:117 Resp: 506170

Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.9	116.9
201	97.4	77.9	116.9



Abundance Ion 117.00 (116.70 to 117.70): E
800000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

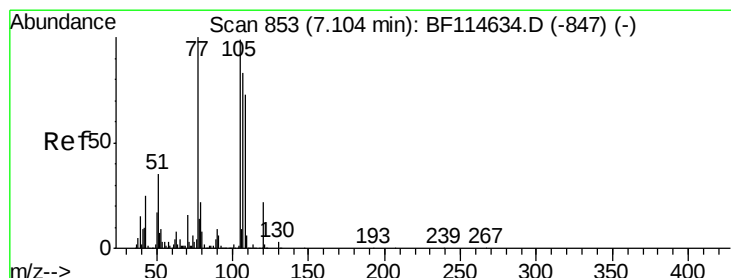
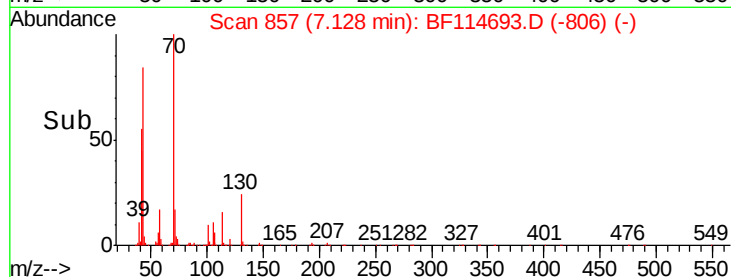
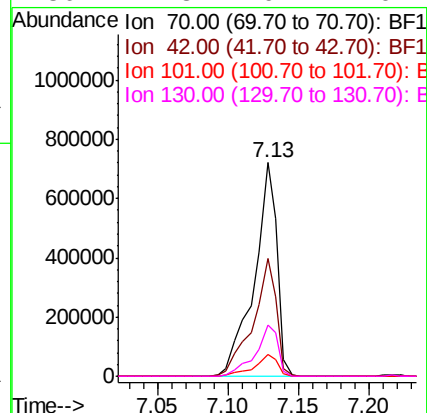
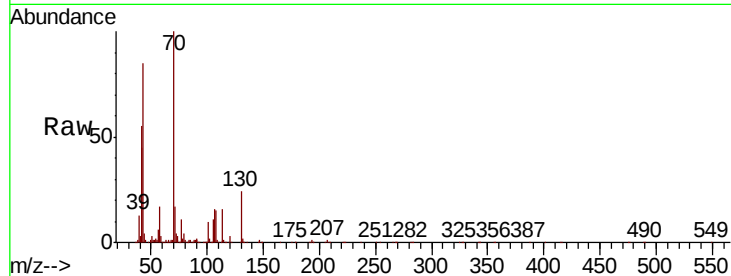




#19
n-Nitroso-di-n-propylamine
Concen: 38.097 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

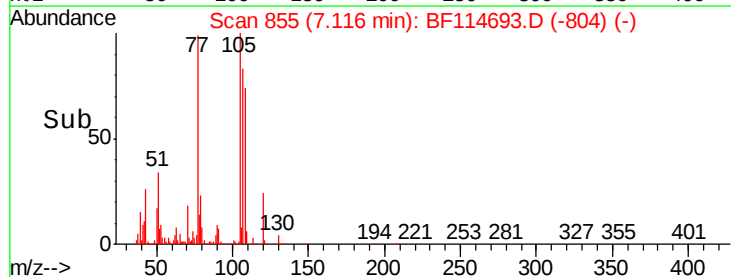
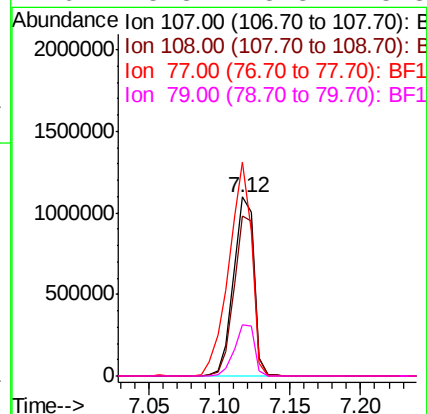
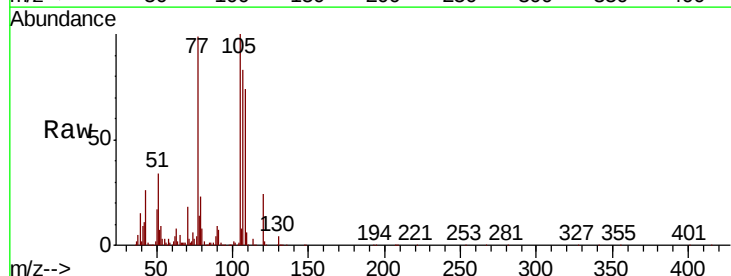
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

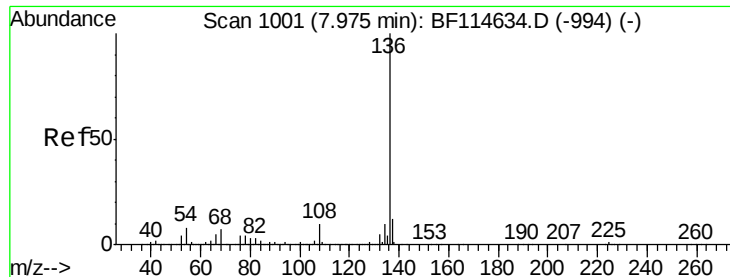
Tot Ion:	70	Resp:	816669
Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.9	65.9
101	10.4	8.3	12.5
130	24.3	19.4	29.2



#20
3+4-Methylphenols
Concen: 37.334 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:	107	Resp:	1105363
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.7	109.7
77	119.5	99.5	139.5
79	28.3	8.3	48.3



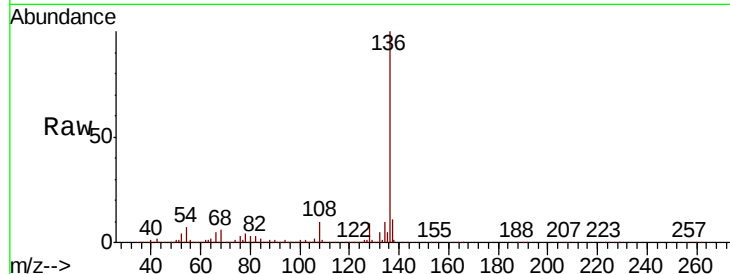


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136 Resp: 1794721

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.5	5.2	7.8
68	5.7	4.6	6.8



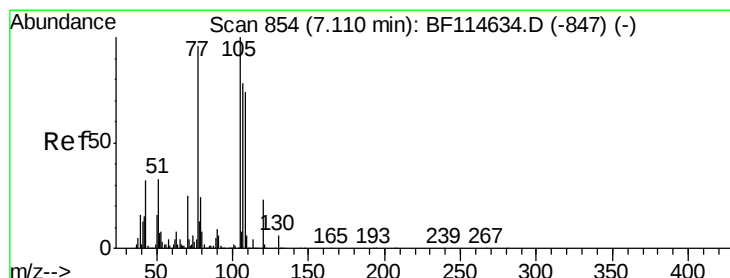
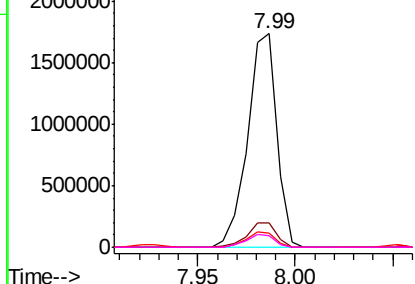
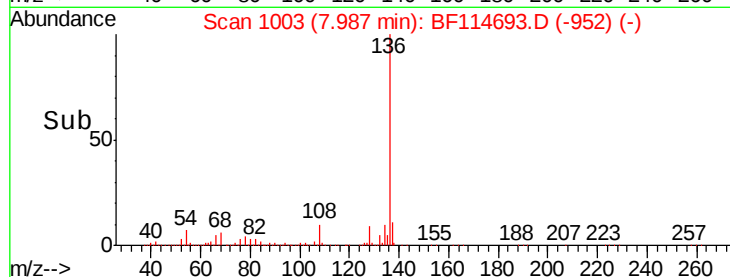
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

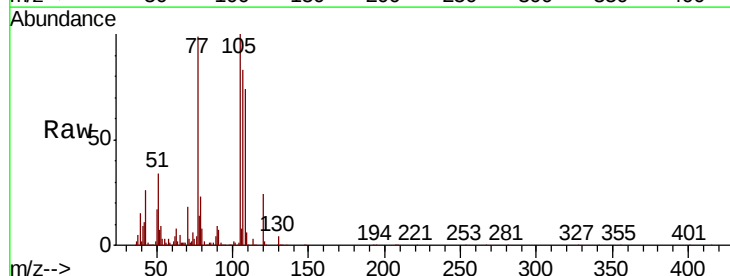
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.255 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:105 Resp: 1539338

Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.5	3.7
51	34.2	27.4	41.0
120	23.5	18.8	28.2



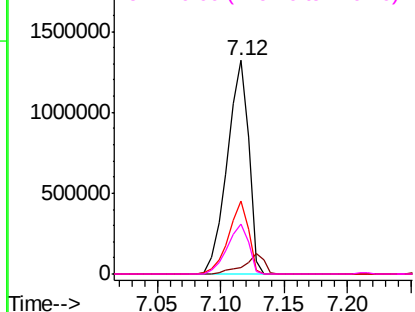
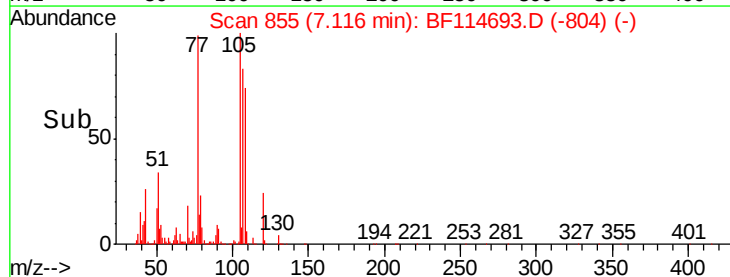
Abundance

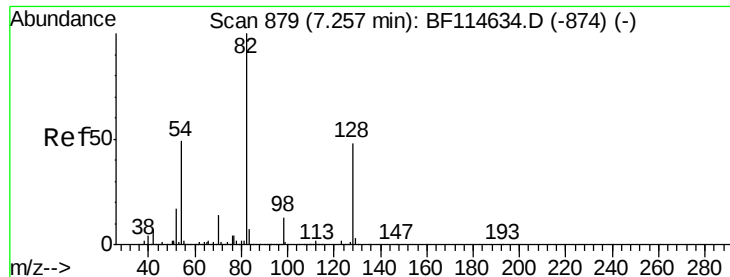
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.027 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

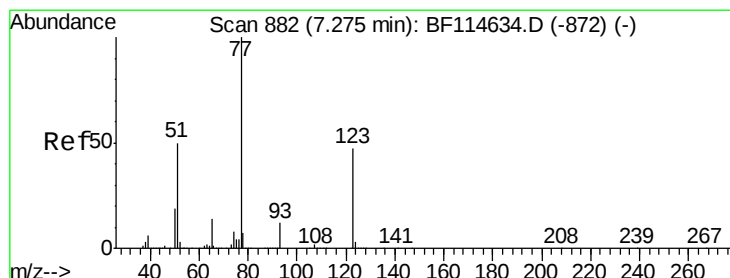
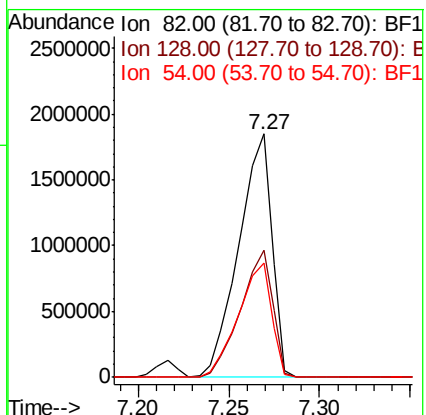
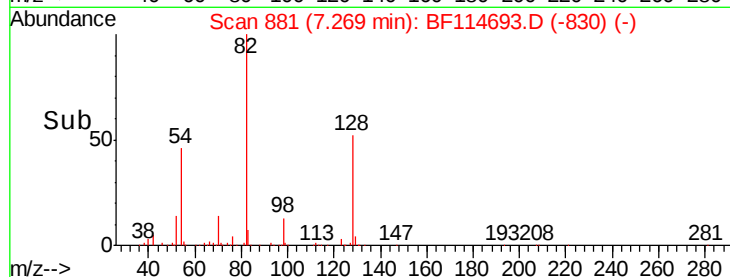
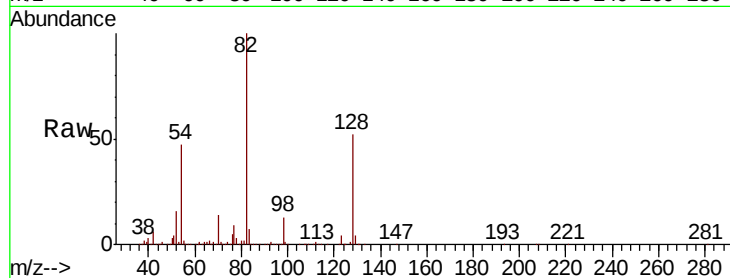
Tot Ion: 82 Resp: 2359635

Ion Ratio Lower Upper

82 100

128 52.1 41.7 62.5

54 46.9 37.5 56.3



#24

Nitrobenzene

Concen: 40.141 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

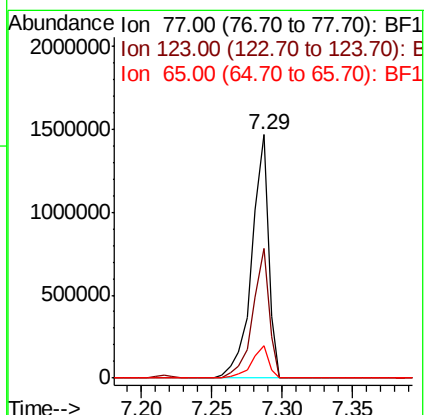
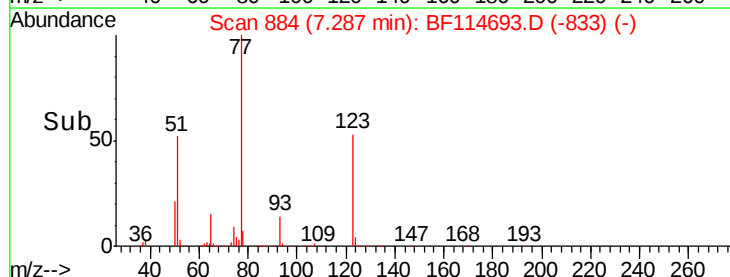
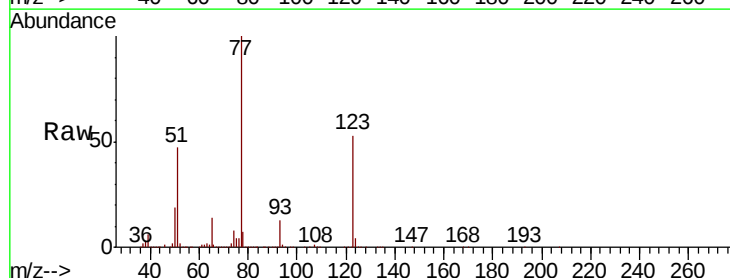
Tgt Ion: 77 Resp: 1226605

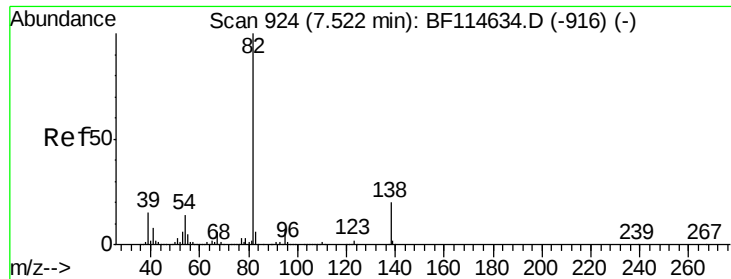
Ion Ratio Lower Upper

77 100

123 53.5 42.8 64.2

65 13.5 10.8 16.2

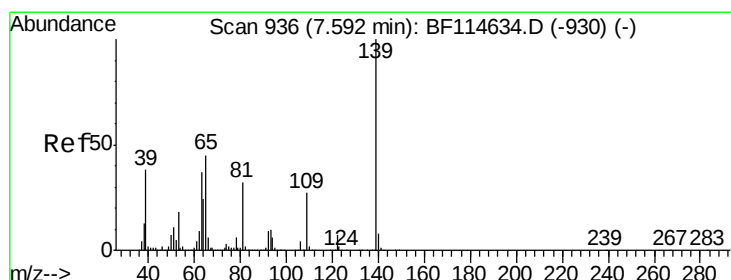
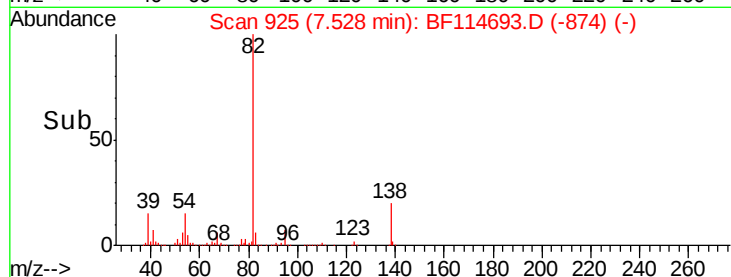
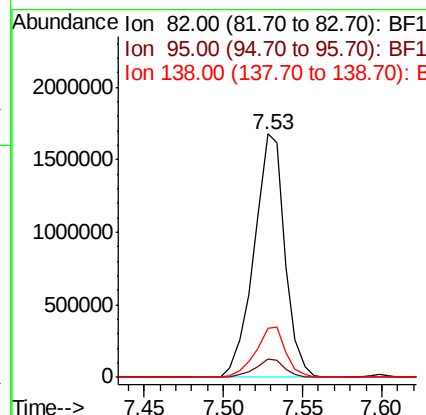
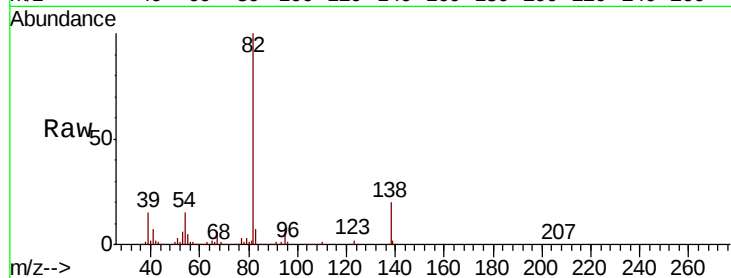




#25
Isophorone
Concen: 39.262 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

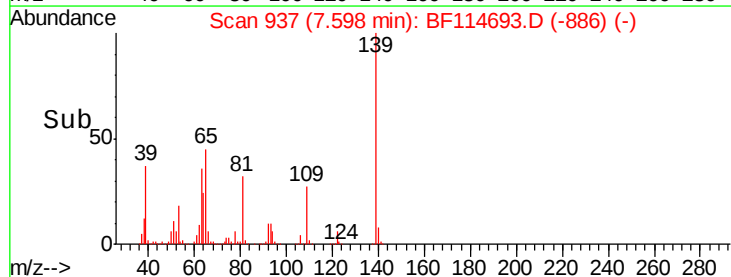
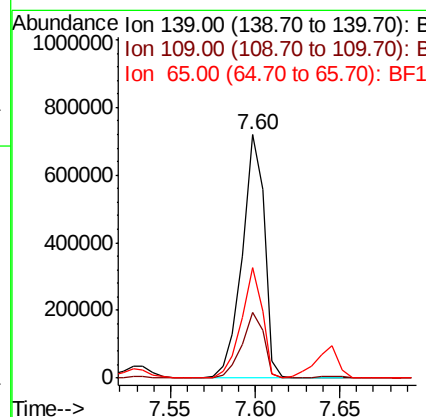
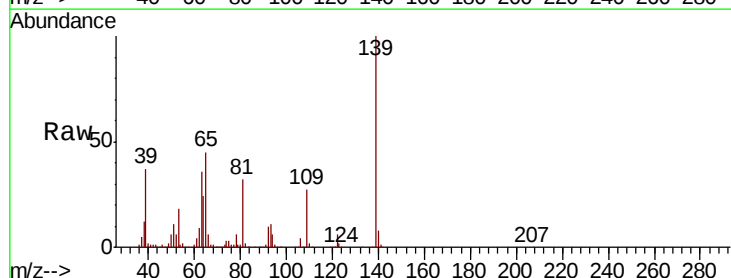
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

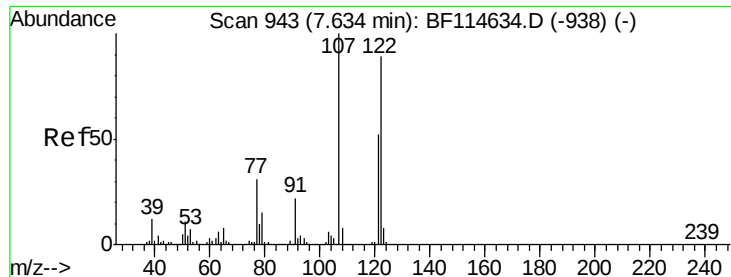
Tot Ion: 82 Resp: 2266650
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 20.1 16.1 24.1



#26
2-Nitrophenol
Concen: 44.284 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion: 139 Resp: 658699
Ion Ratio Lower Upper
139 100
109 27.1 21.7 32.5
65 45.2 36.2 54.2

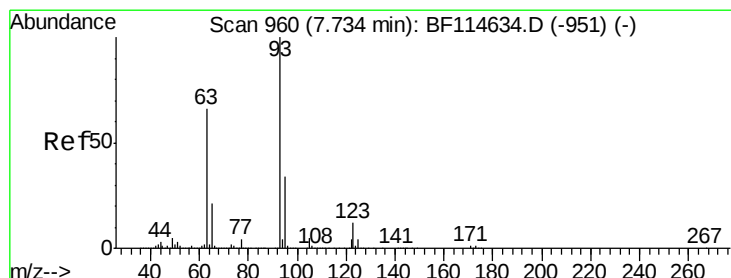
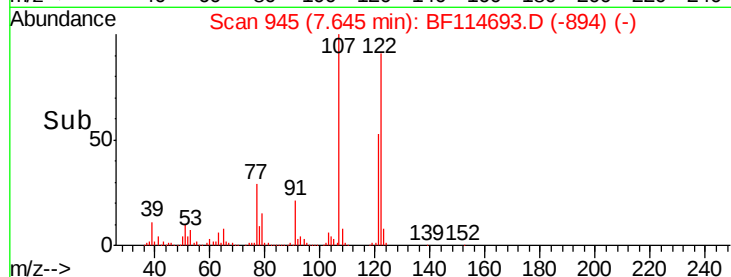
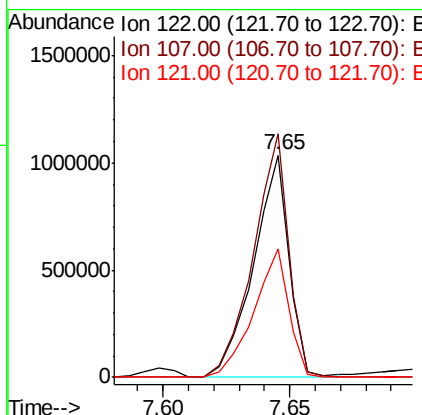
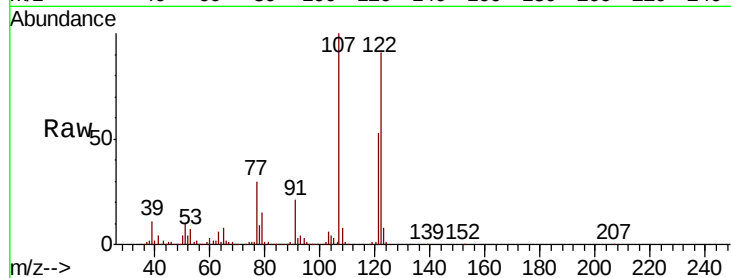




#27
 2,4-Dimethylphenol
 Concen: 40.668 ng
 RT: 7.65 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

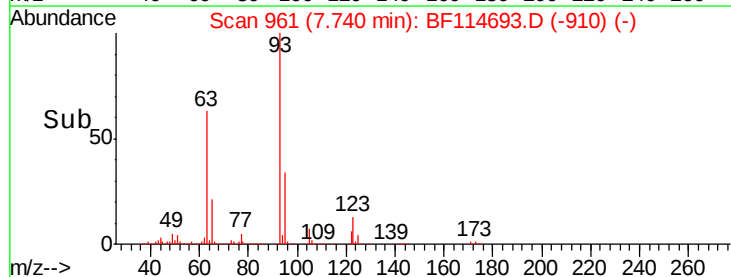
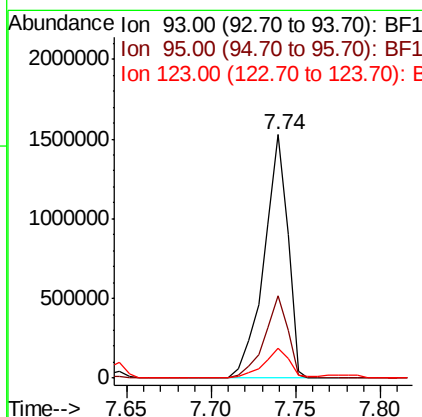
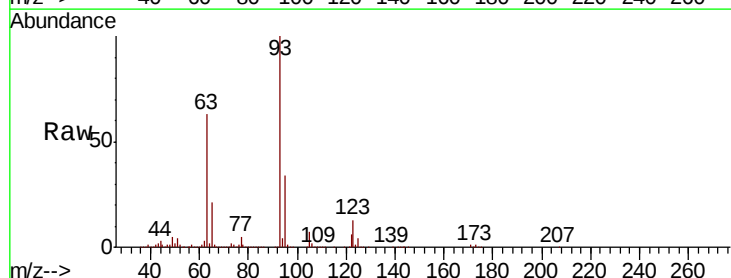
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

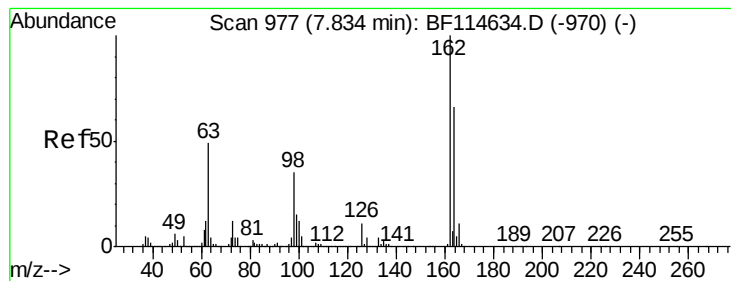
Tot Ion:122 Resp: 1006053
 Ion Ratio Lower Upper
 122 100
 107 109.6 87.7 131.5
 121 58.0 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.298 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion: 93 Resp: 1480925
 Ion Ratio Lower Upper
 93 100
 95 34.0 27.2 40.8
 123 12.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 41.402 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

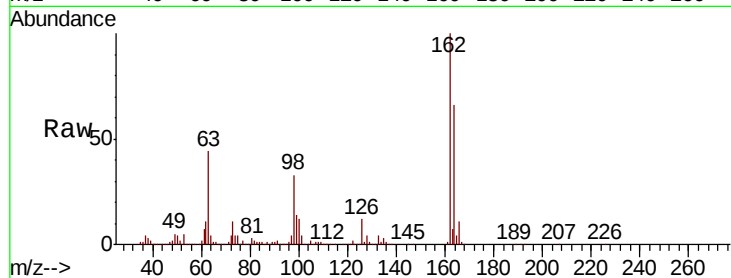
Tot Ion:162 Resp: 1042499

Ion Ratio Lower Upper

162 100

164 65.9 45.9 85.9

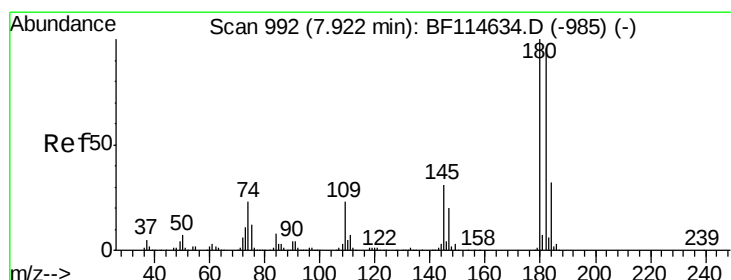
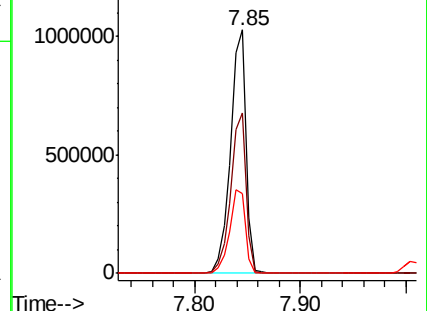
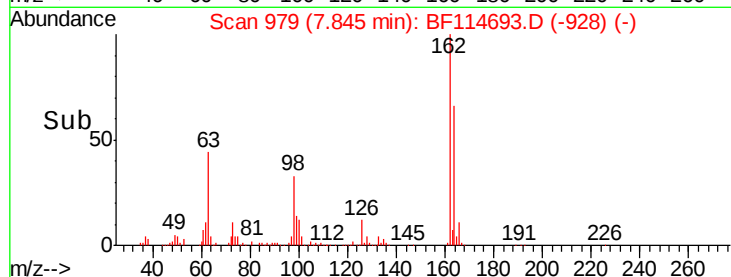
98 33.0 13.0 53.0



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: 41.655 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

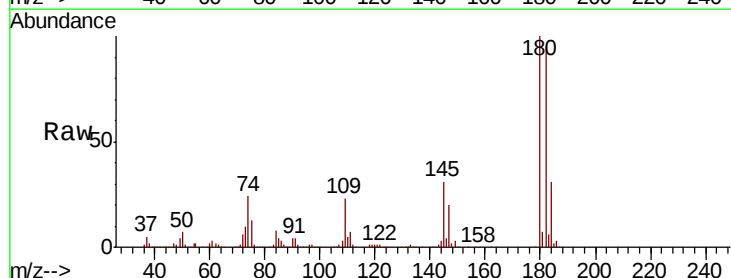
Tgt Ion:180 Resp: 1194958

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

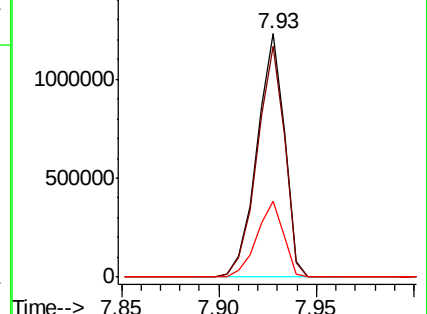
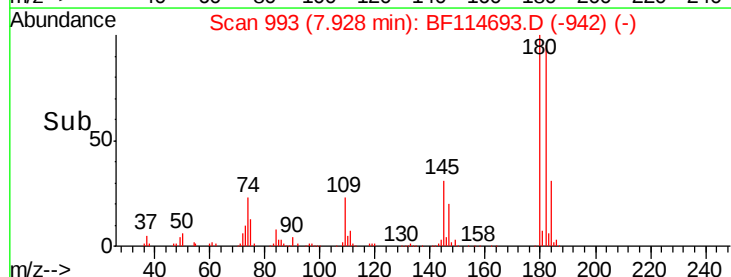
145 30.9 24.7 37.1

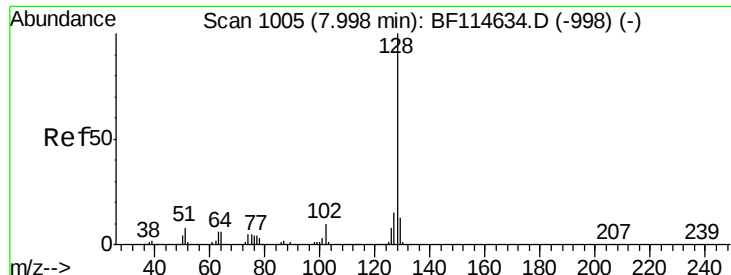


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

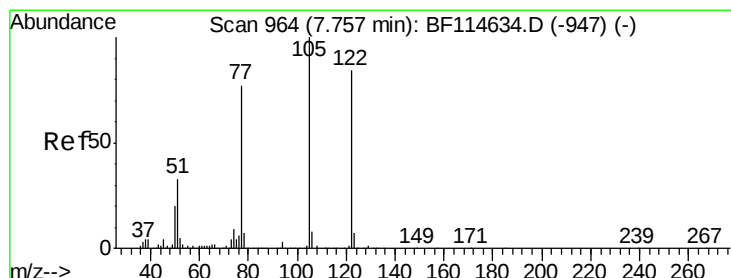
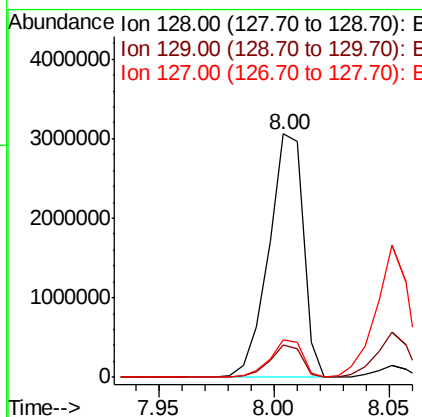
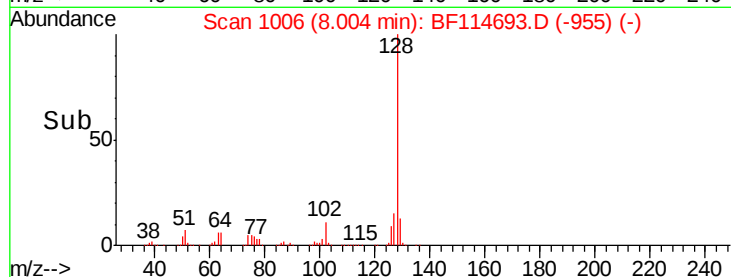
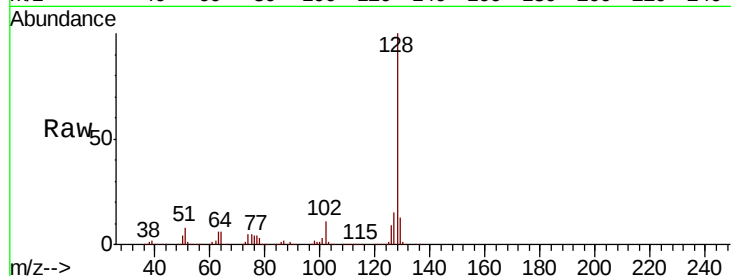




#31
Naphthalene
Concen: 38.392 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

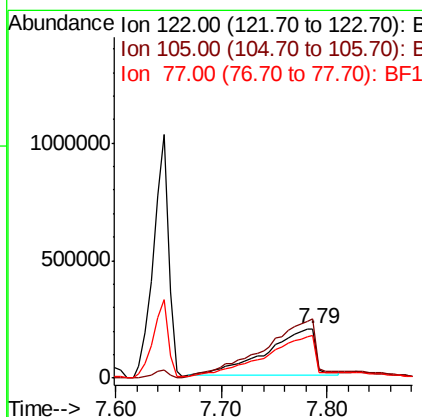
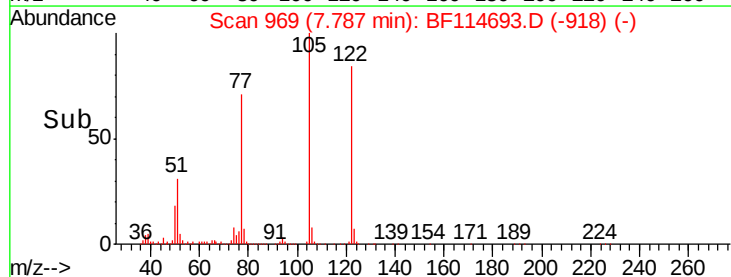
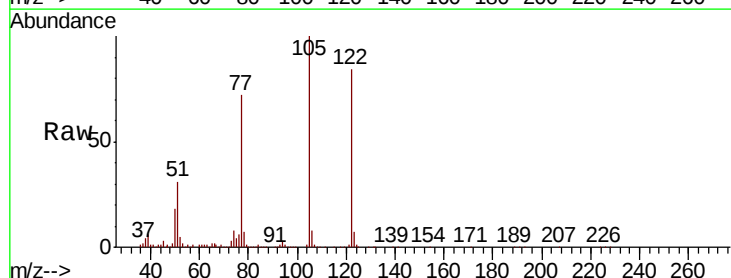
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 3173787
Ion Ratio Lower Upper
128 100
129 13.4 10.7 16.1
127 15.4 12.3 18.5



#32
Benzoic acid
Concen: 41.293 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:122 Resp: 663482
Ion Ratio Lower Upper
122 100
105 119.1 99.1 139.1
77 85.3 65.3 105.3

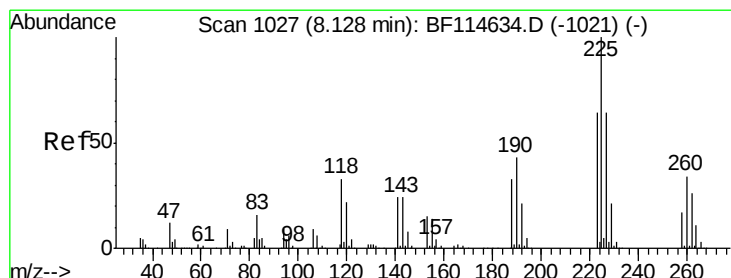
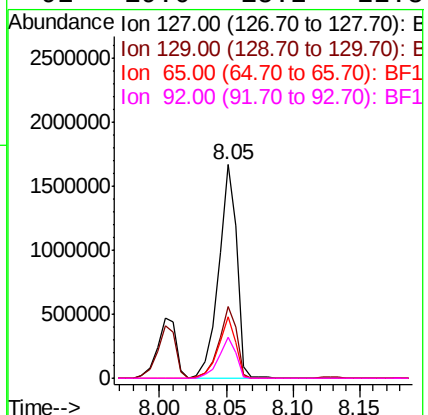
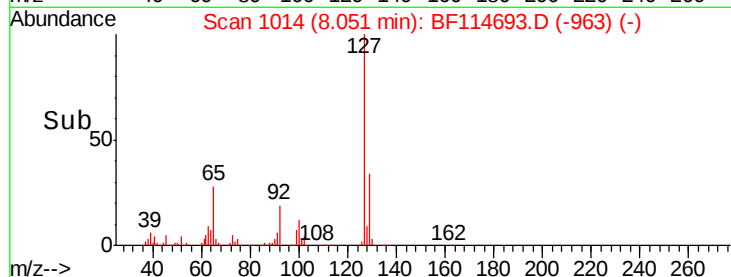
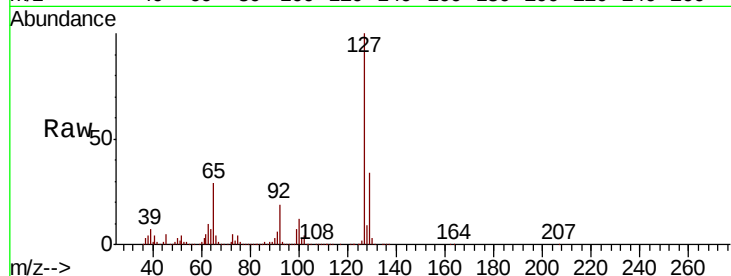




#33
4-Chloroaniline
Concen: 40.445 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

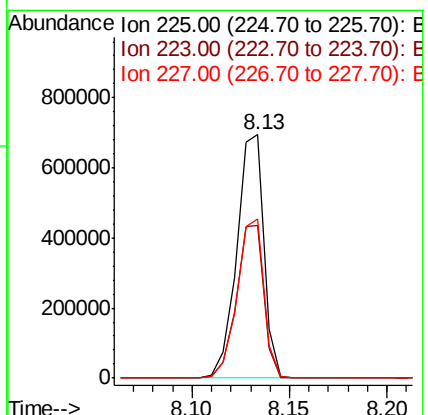
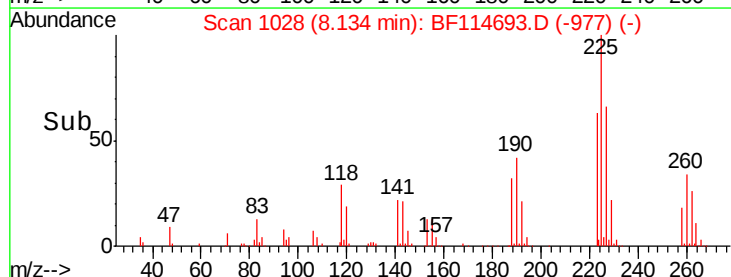
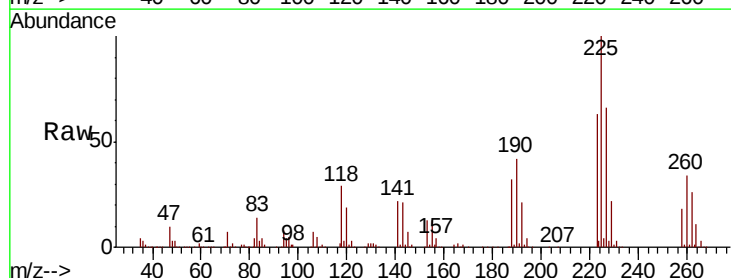
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

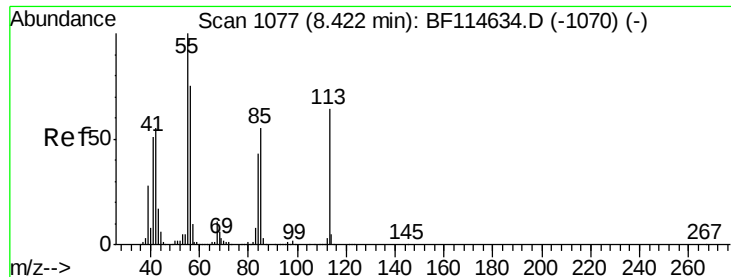
Tot Ion:	127	Resp:	1592936
Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.0	40.4
65	28.6	22.9	34.3
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.737 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:	225	Resp:	665140
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	65.5	52.4	78.6





#35

Caprolactam

Concen: 41.615 ng

RT: 8.44 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

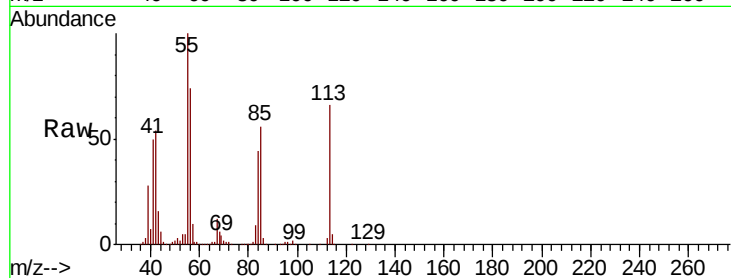
Tot Ion:113 Resp: 353618

Ion Ratio Lower Upper

113 100

55 150.4 130.4 170.4

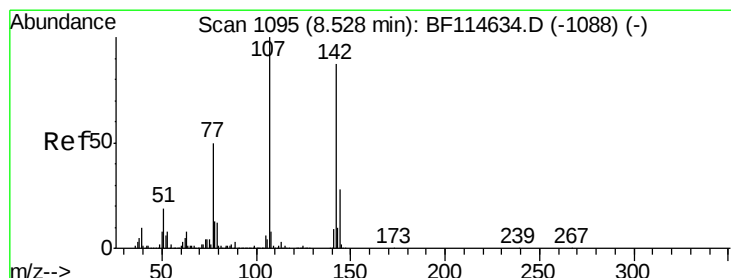
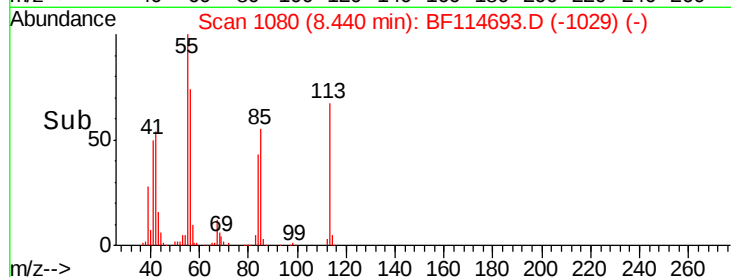
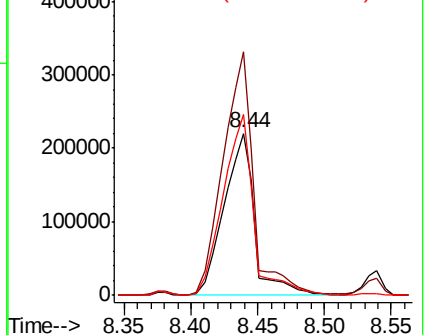
56 111.4 91.4 131.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.647 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

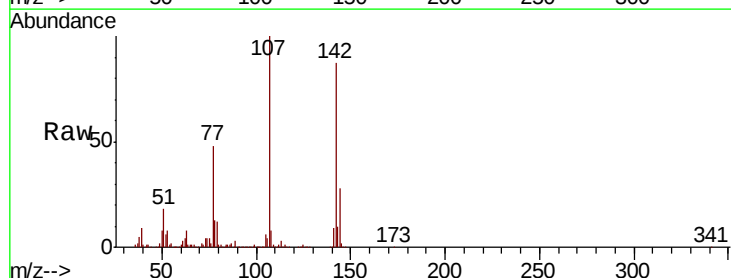
Tgt Ion:107 Resp: 1026391

Ion Ratio Lower Upper

107 100

144 28.2 22.6 33.8

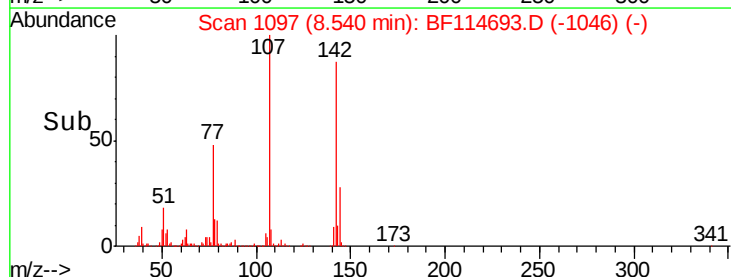
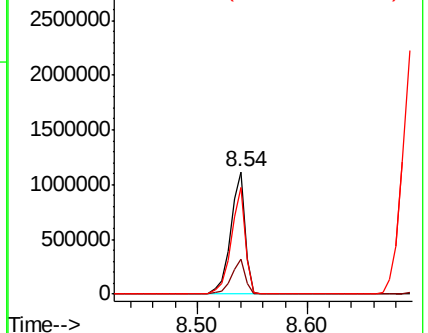
142 86.8 69.4 104.2

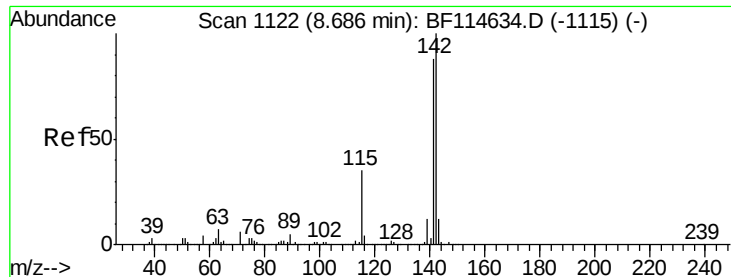


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

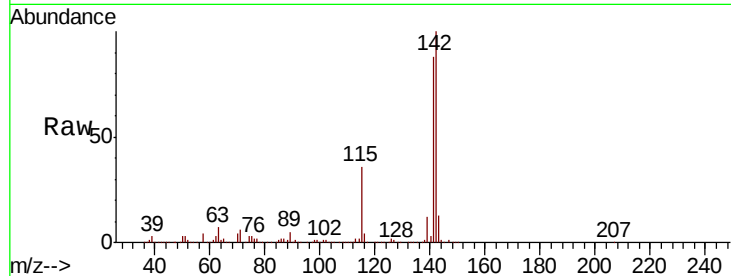




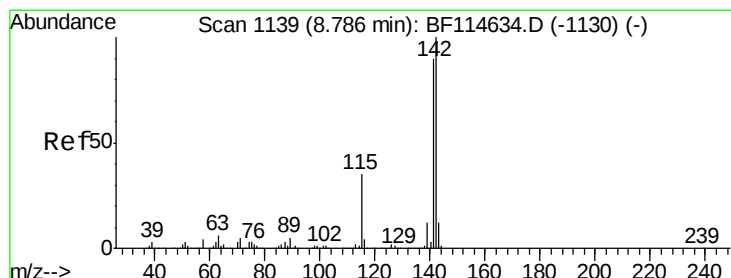
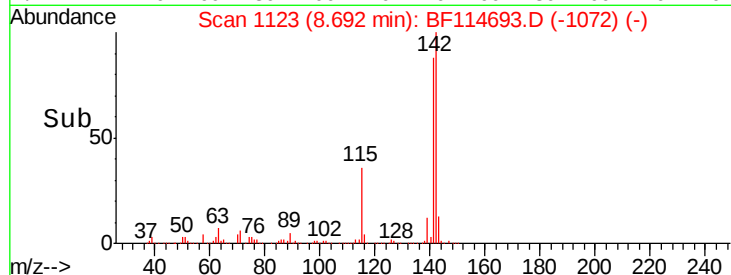
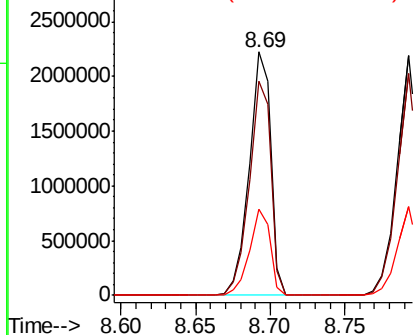
#37
2-Methylnaphthalene
Concen: 40.061 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 2200420
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
115 35.5 28.4 42.6

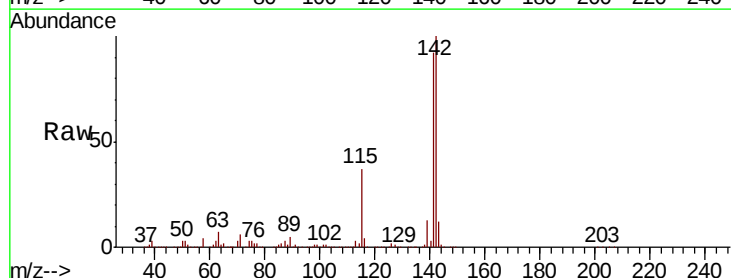


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

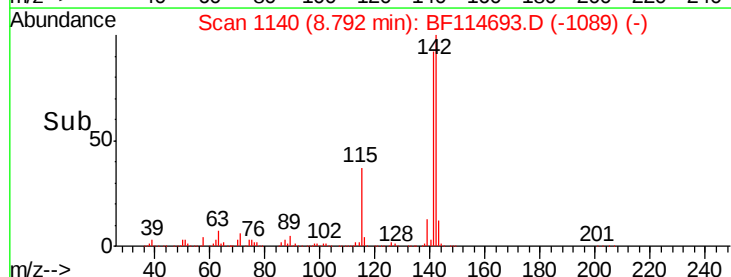
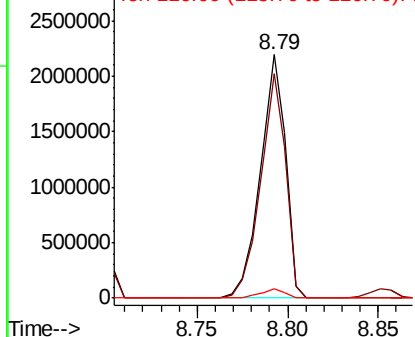


#38
1-Methylnaphthalene
Concen: 40.684 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:142 Resp: 2117218
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 4.0 3.2 4.8



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

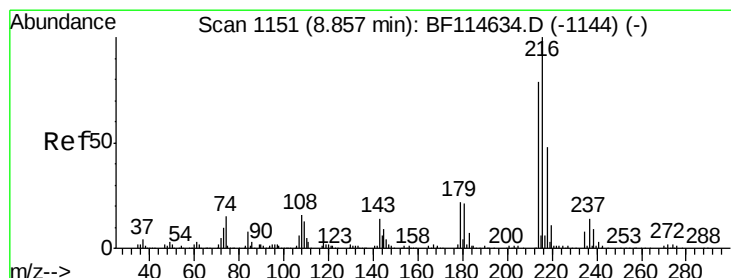
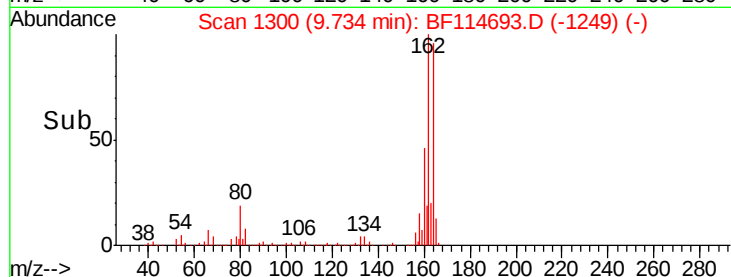
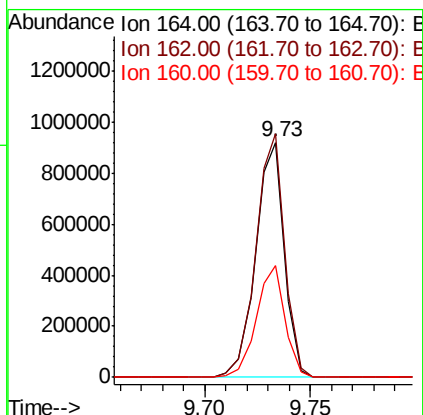
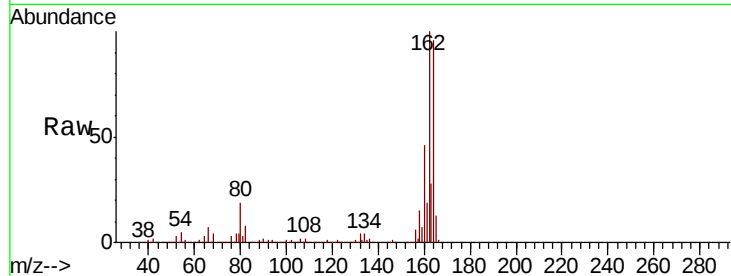




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

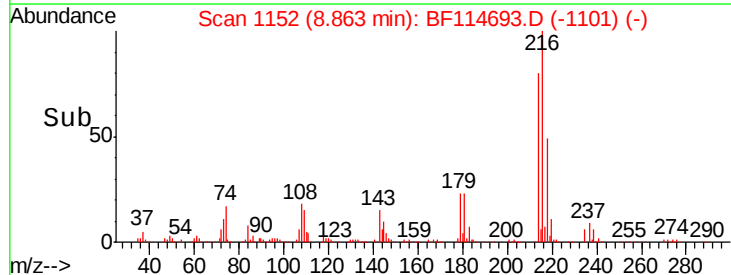
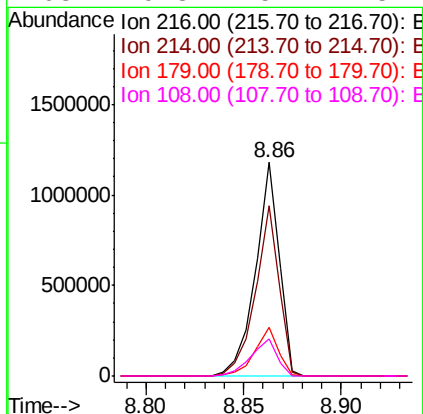
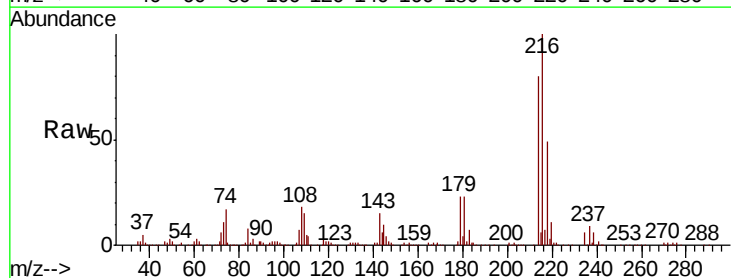
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

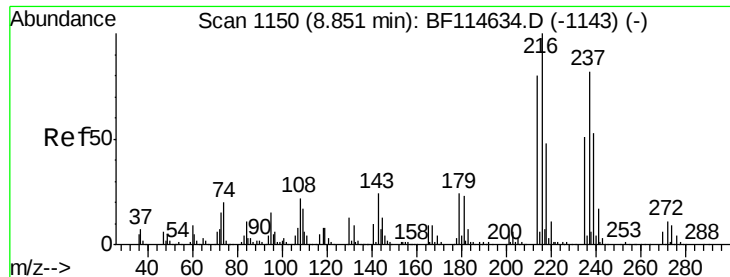
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	47.7	38.2	57.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.201 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	22.6	18.1	27.1
108	19.3	15.4	23.2





#41

Hexachlorocyclopentadiene

Concen: 41.508 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

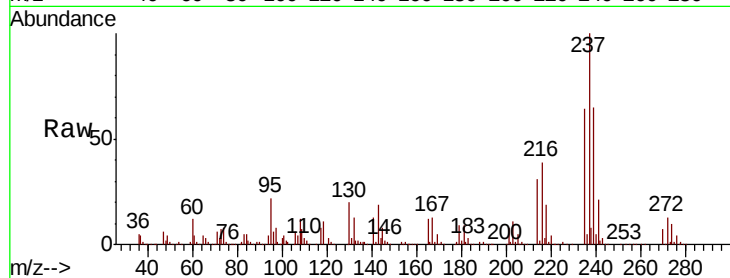
Tot Ion:237 Resp: 632692

Ion Ratio Lower Upper

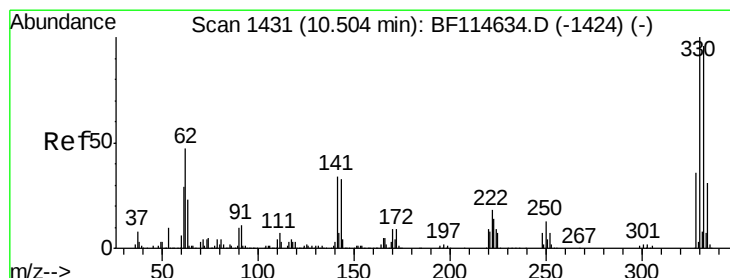
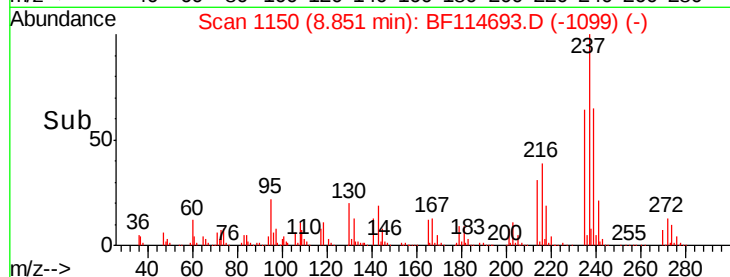
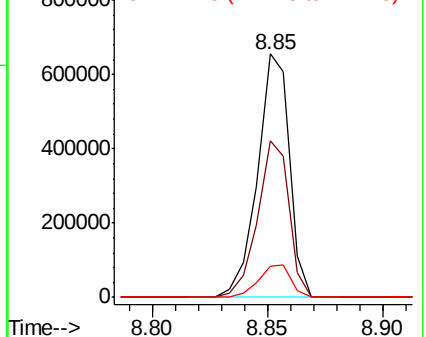
237 100

235 64.1 44.1 84.1

272 13.0 0.0 33.0



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: 85.904 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

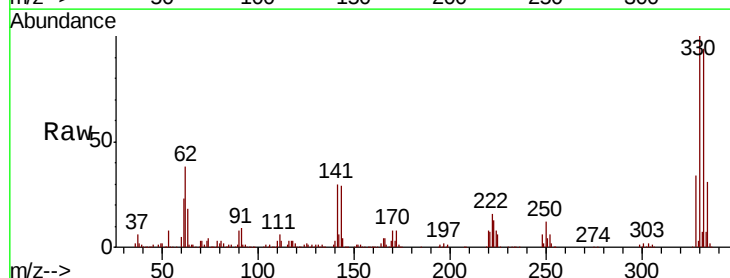
Tgt Ion:330 Resp: 708964

Ion Ratio Lower Upper

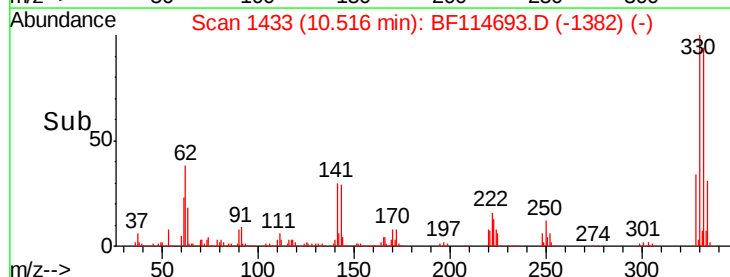
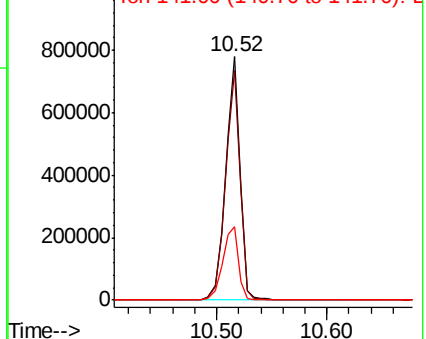
330 100

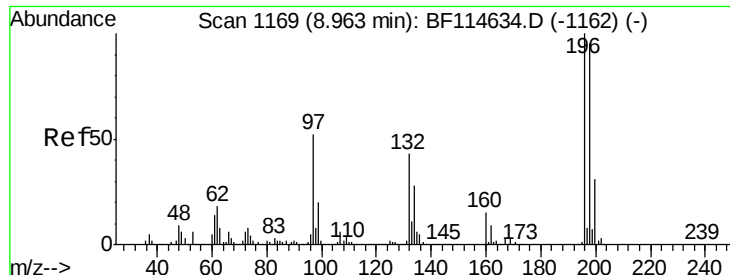
332 96.4 77.1 115.7

141 32.7 26.2 39.2



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

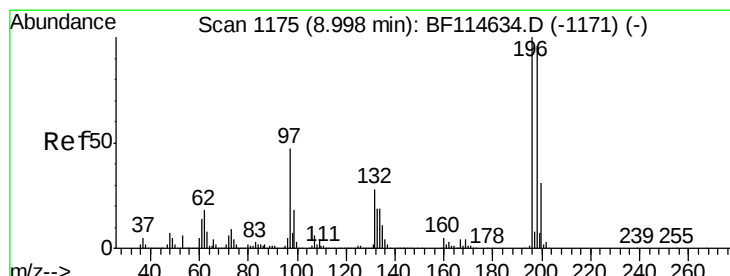
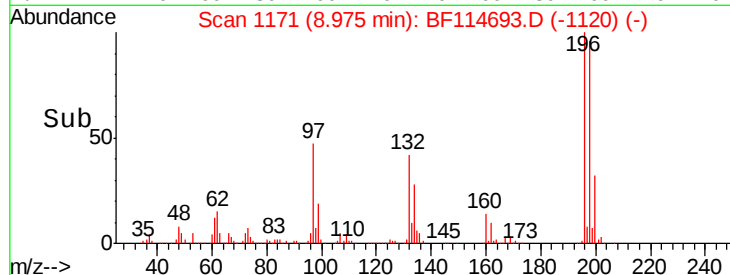
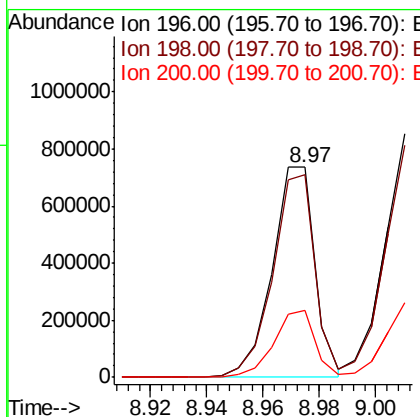
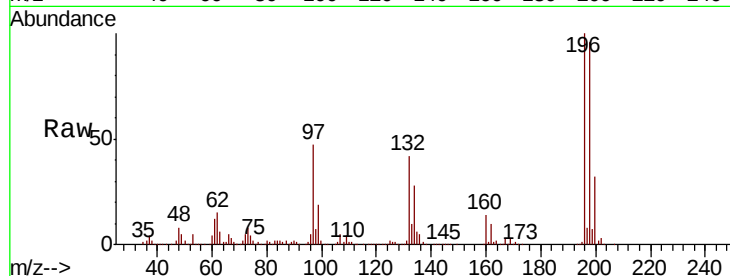




#43
 2,4,6-Trichlorophenol
 Concen: 42.565 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

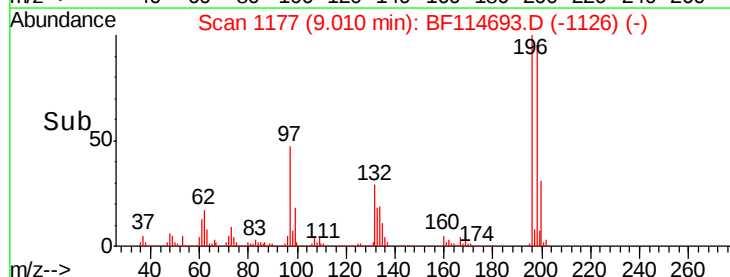
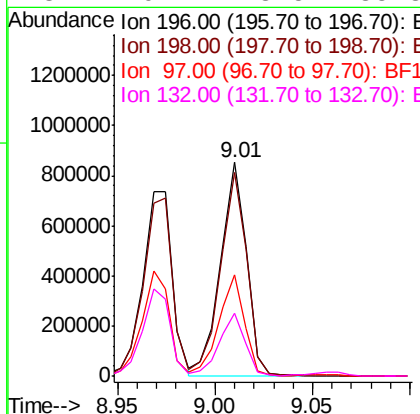
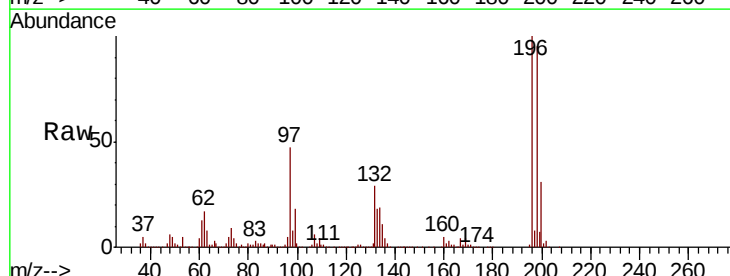
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

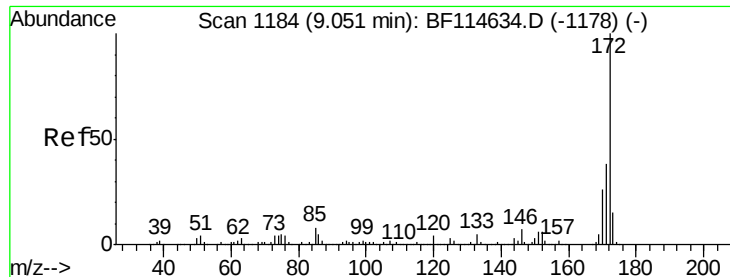
Tot Ion:196 Resp: 772527
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.6
 200 31.7 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.588 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion:196 Resp: 789426
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 97 47.3 37.8 56.8
 132 29.4 23.5 35.3

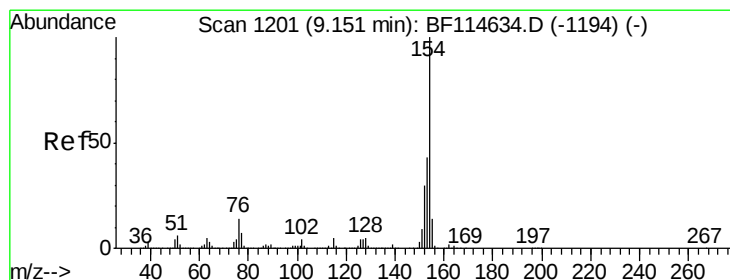
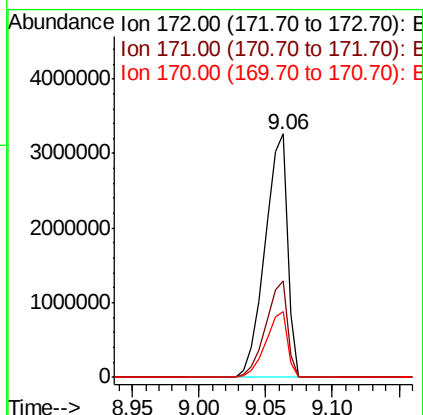
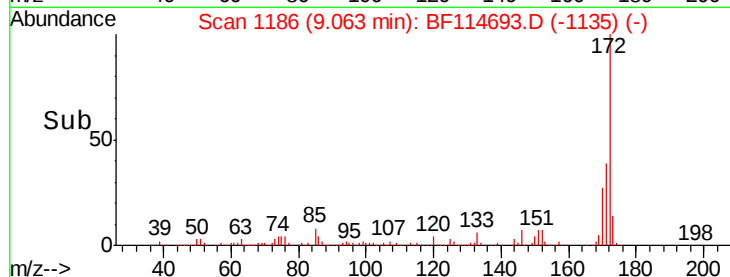
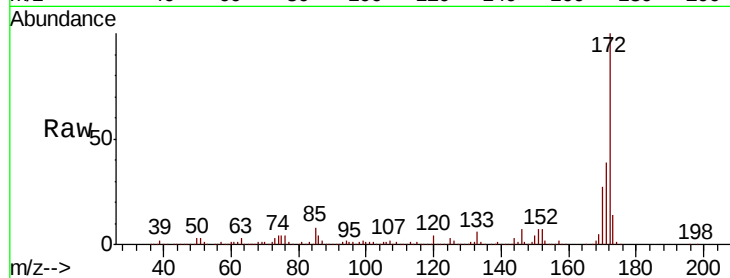




#45
2-Fluorobiphenyl
Concen: 82.115 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

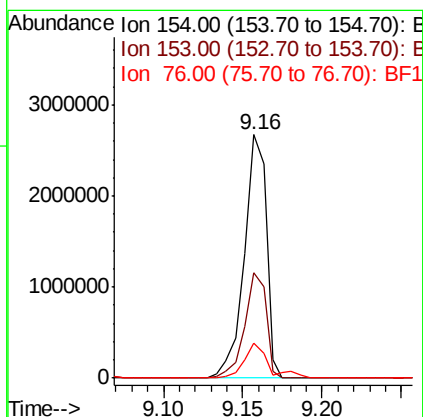
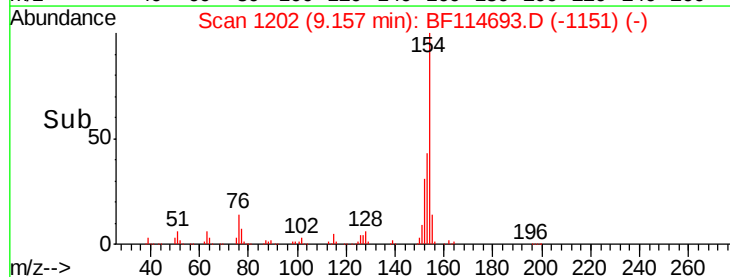
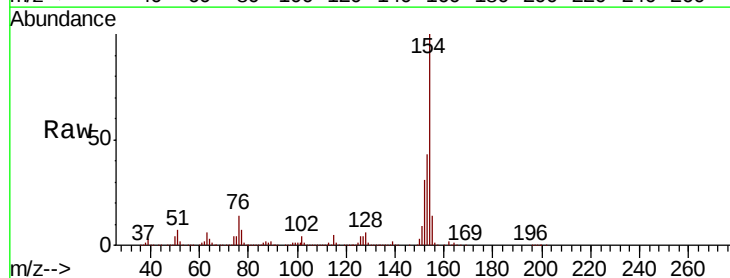
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

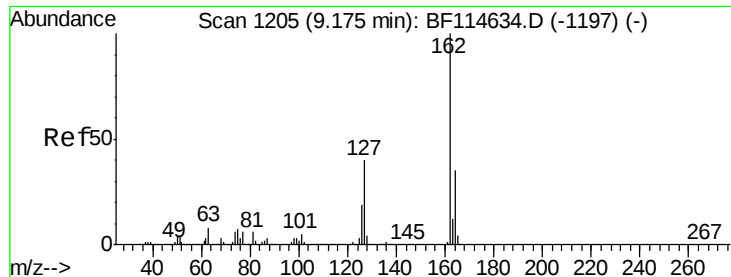
Tot Ion:172 Resp: 3811255
Ion Ratio Lower Upper
172 100
171 39.5 31.6 47.4
170 26.9 21.5 32.3



#46
1,1'-Biphenyl
Concen: 39.899 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:154 Resp: 2565302
Ion Ratio Lower Upper
154 100
153 43.3 23.3 63.3
76 14.4 0.0 34.4

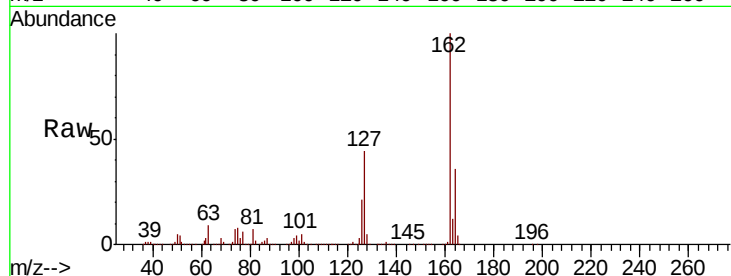




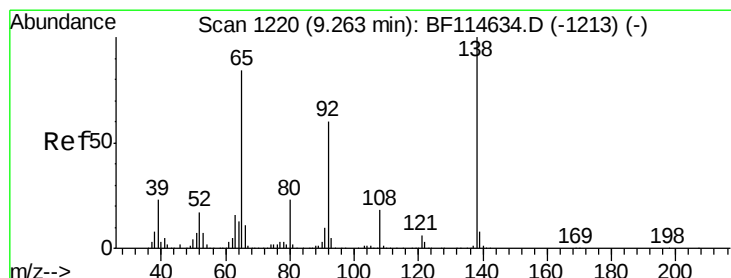
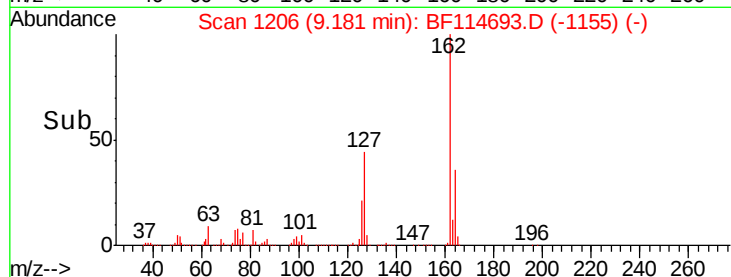
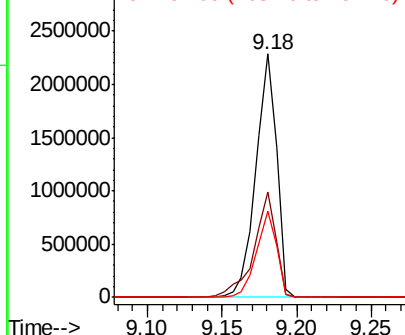
#47
2-Chloronaphthalene
Concen: 41.230 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 2174479
Ion Ratio Lower Upper
162 100
127 43.5 34.8 52.2
164 35.6 28.5 42.7

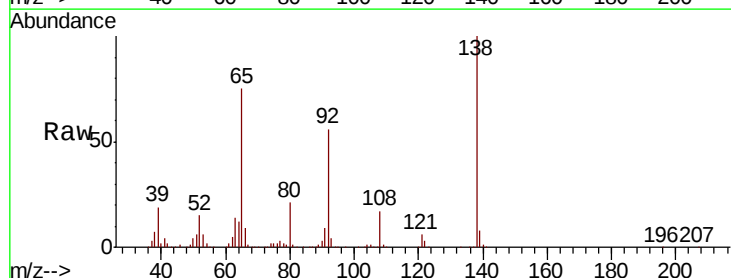


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

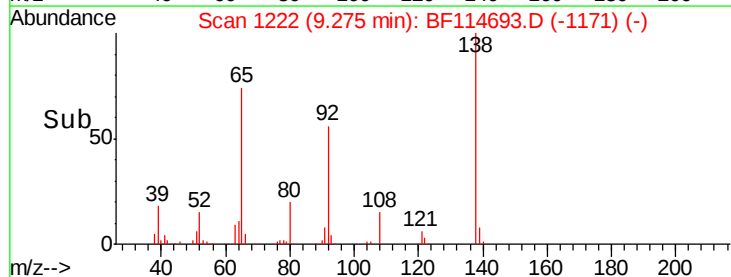
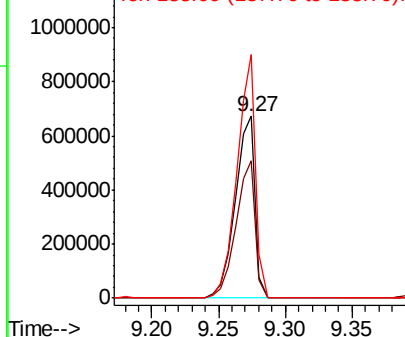


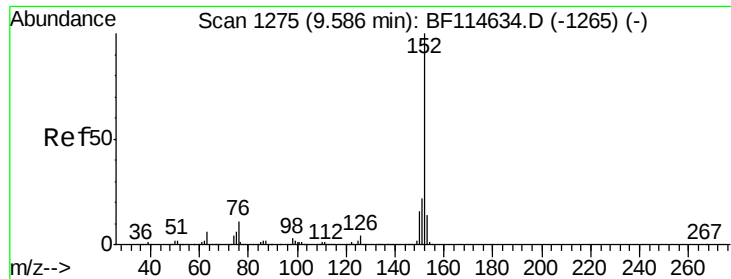
#48
2-Nitroaniline
Concen: 42.682 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion: 65 Resp: 694666
Ion Ratio Lower Upper
65 100
92 75.3 60.2 90.4
138 134.0 107.2 160.8



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





#49

Acenaphthylene

Concen: 38.904 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

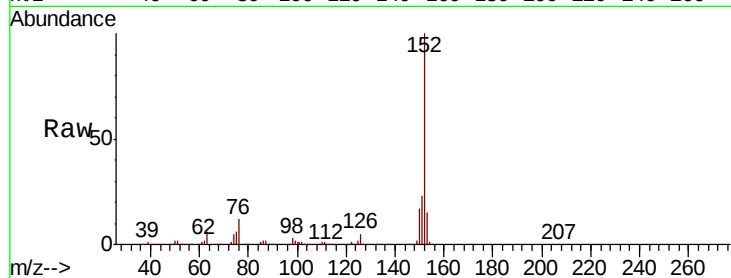
Tot Ion:152 Resp: 3169845

Ion Ratio Lower Upper

152 100

151 22.9 18.3 27.5

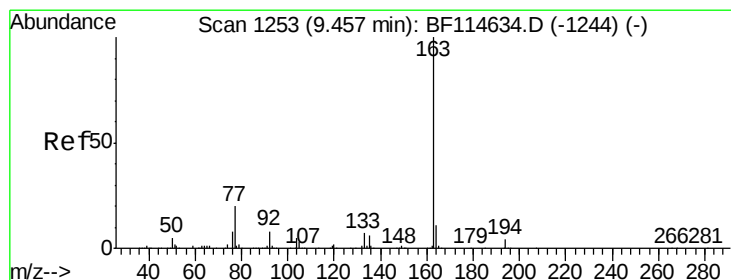
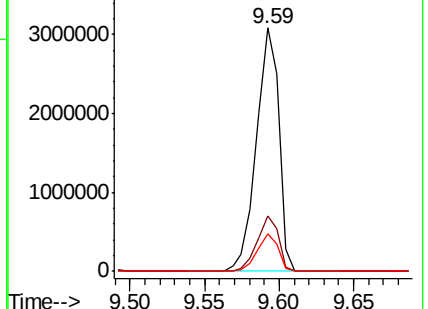
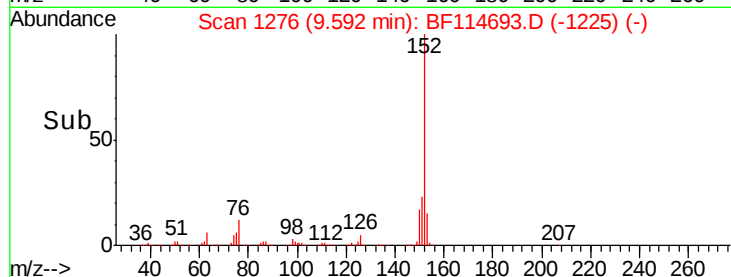
153 15.3 12.2 18.4



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: 41.533 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

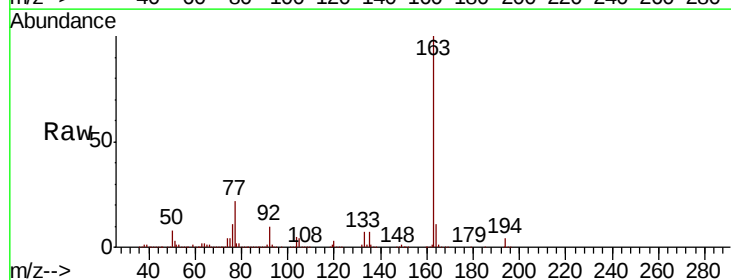
Tgt Ion:163 Resp: 2506708

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

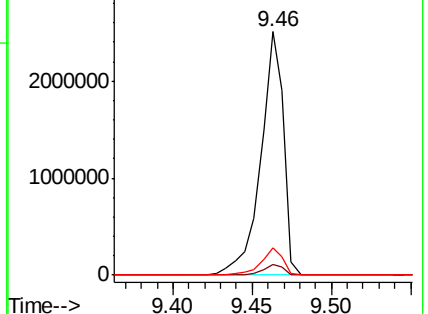
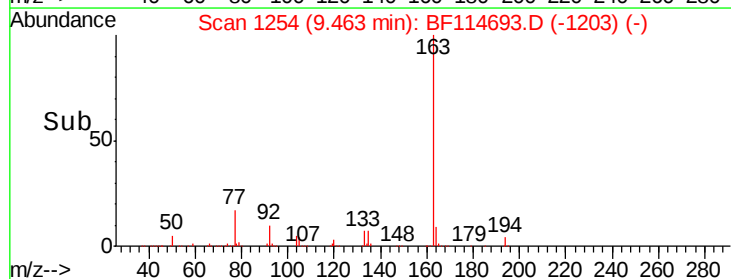
164 11.4 9.1 13.7

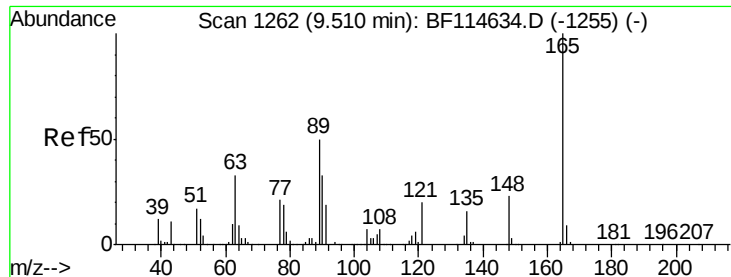


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

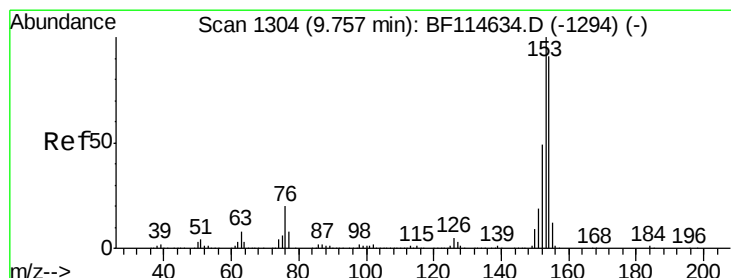
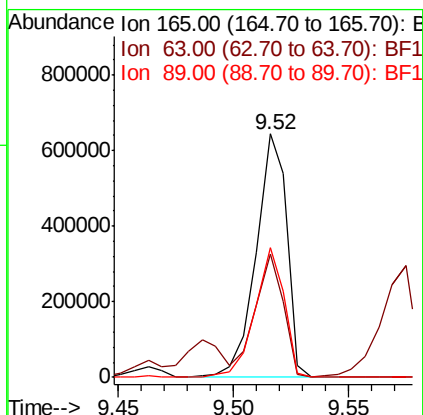
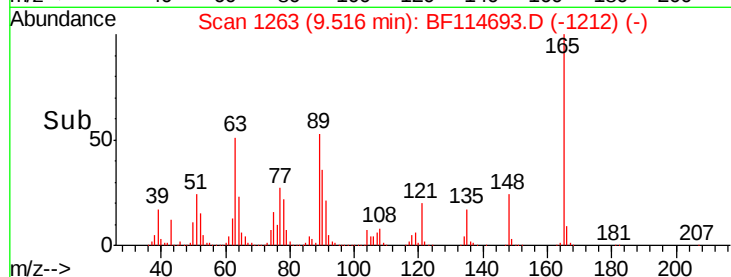
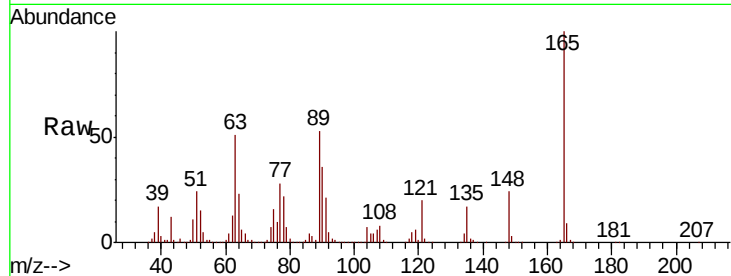




#51
2,6-Dinitrotoluene
Concen: 42.759 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

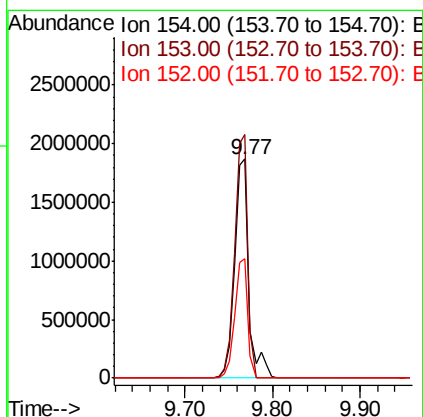
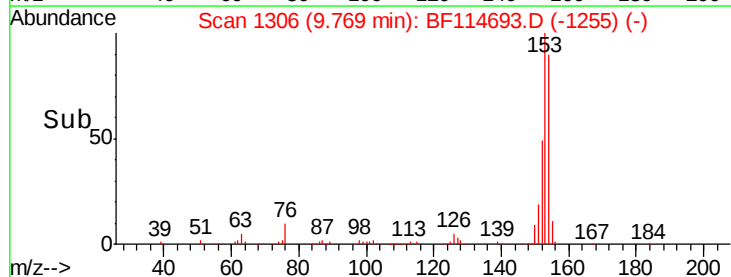
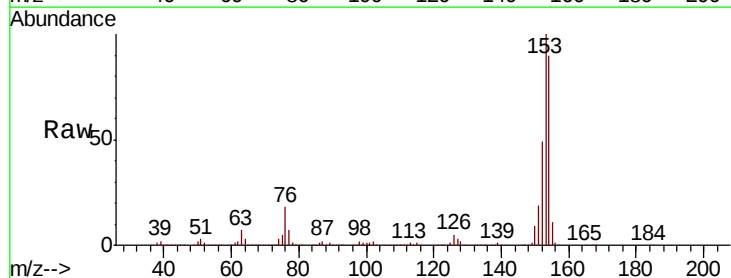
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

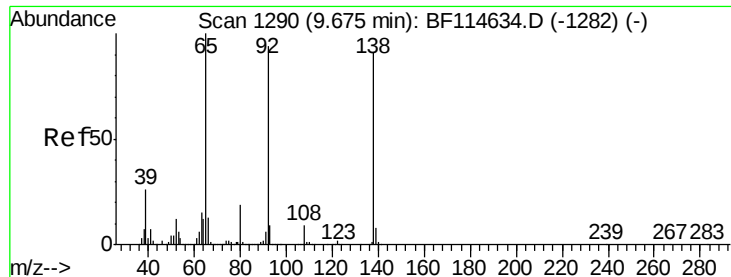
Tot Ion:165 Resp: 599657
Ion Ratio Lower Upper
165 100
63 50.9 40.7 61.1
89 53.2 42.6 63.8



#52
Acenaphthene
Concen: 41.681 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:154 Resp: 2082741
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 54.7 43.8 65.6

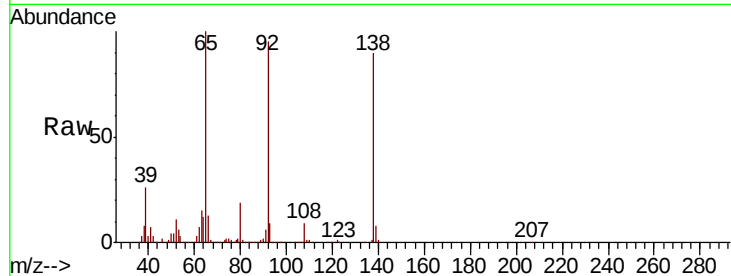




#53
3-Nitroaniline
Concen: 43.571 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	105.3	84.2	126.4

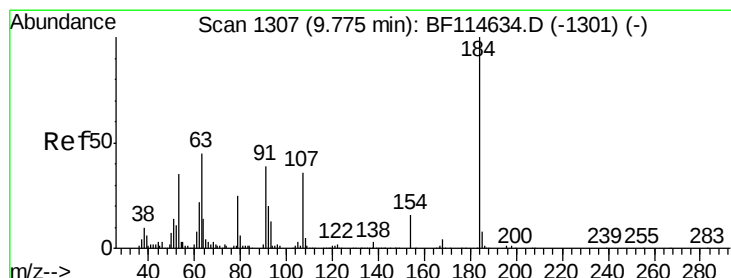
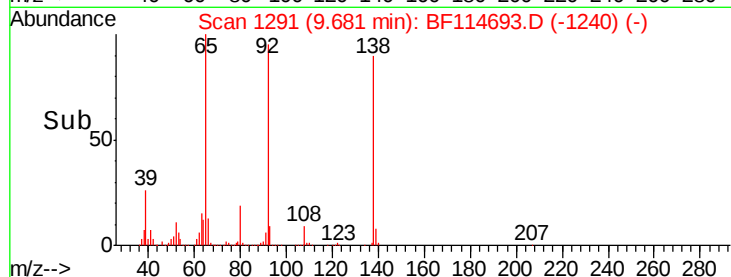
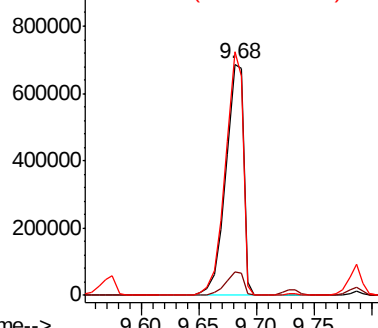


Abundance

Ion 138.00 (137.70 to 138.70): E

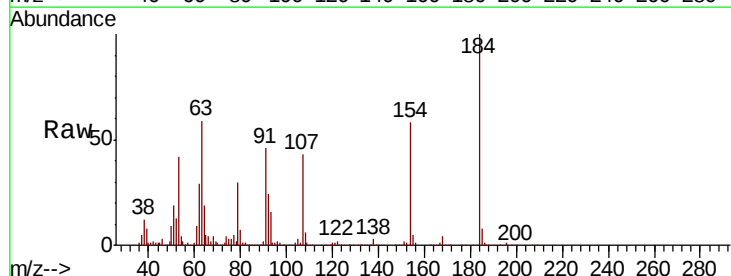
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 57.020 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.0	47.2	70.8
154	58.4	46.7	70.1

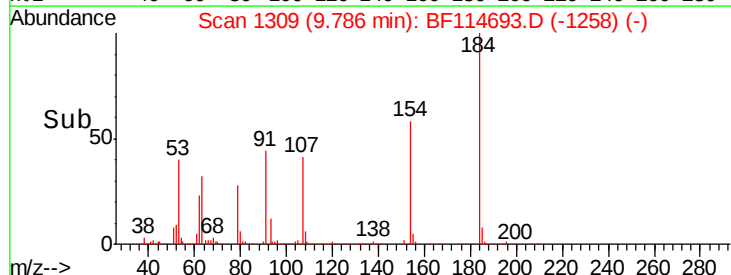
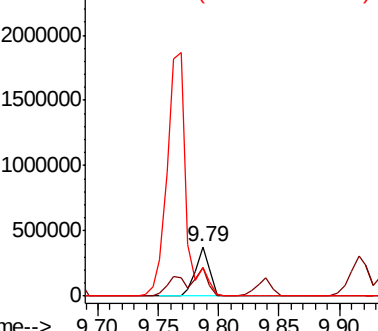


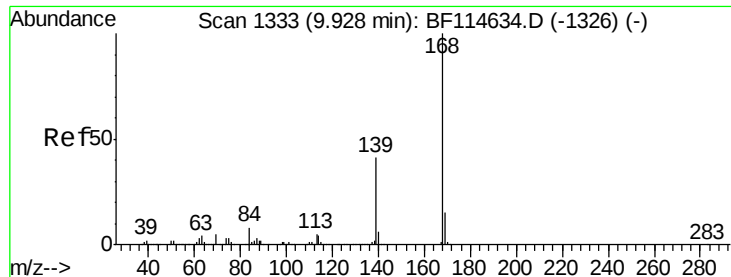
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.724 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

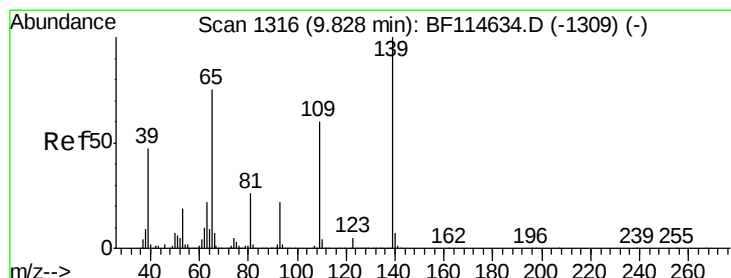
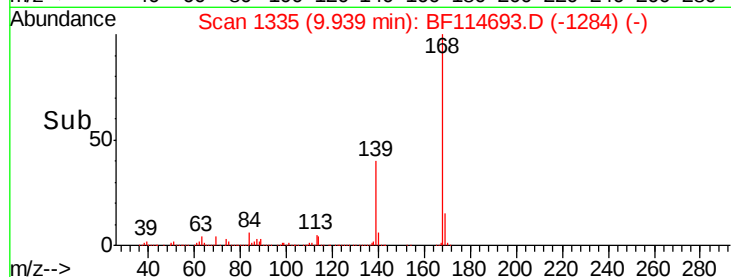
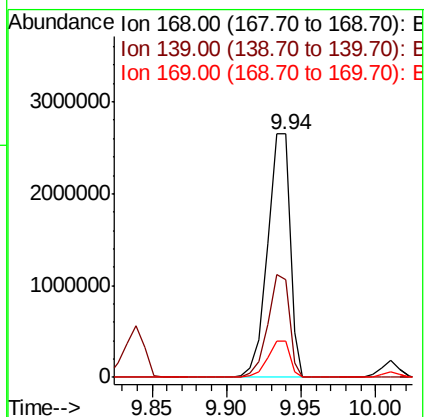
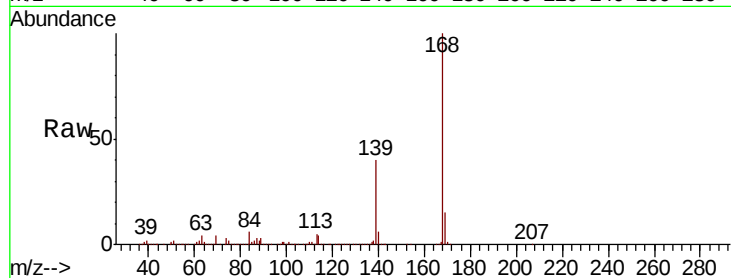
Tot Ion:168 Resp: 2754382

Ion Ratio Lower Upper

168 100

139 40.3 32.2 48.4

169 14.7 11.8 17.6



#56

4-Nitrophenol

Concen: 41.963 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

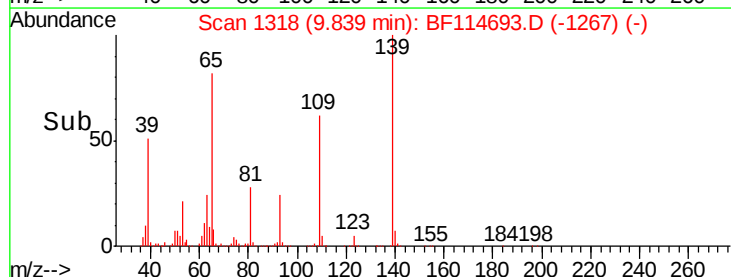
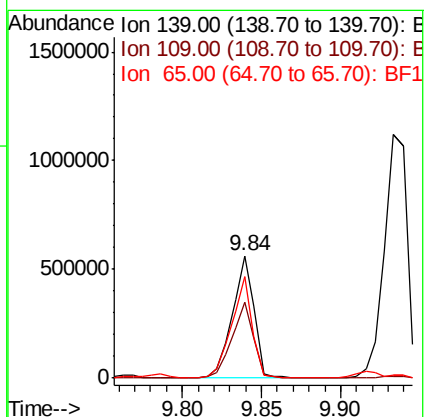
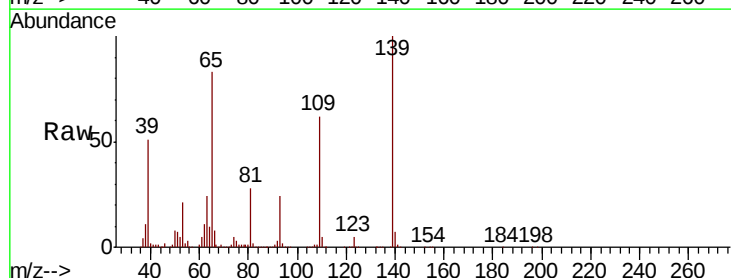
Tgt Ion:139 Resp: 533748

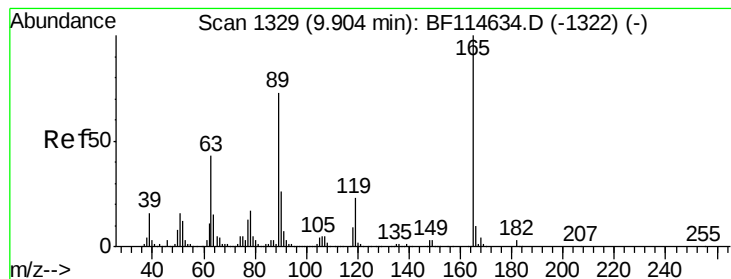
Ion Ratio Lower Upper

139 100

109 61.9 41.9 81.9

65 82.7 62.7 102.7

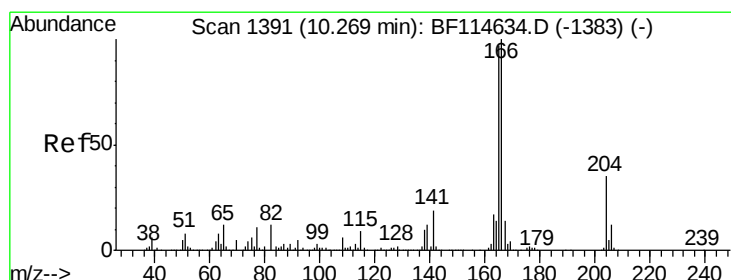
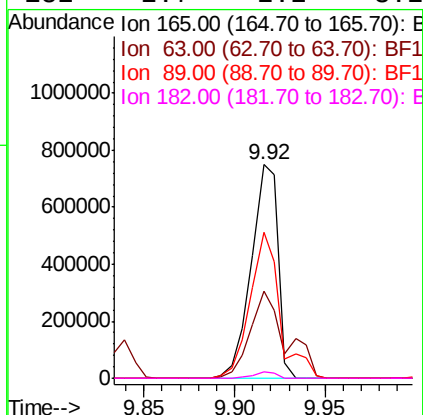
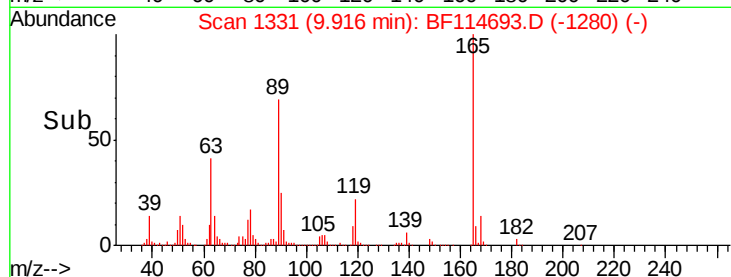
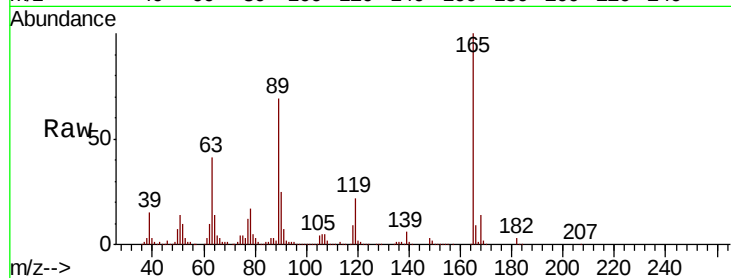




#57
2,4-Dinitrotoluene
Concen: 42.853 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

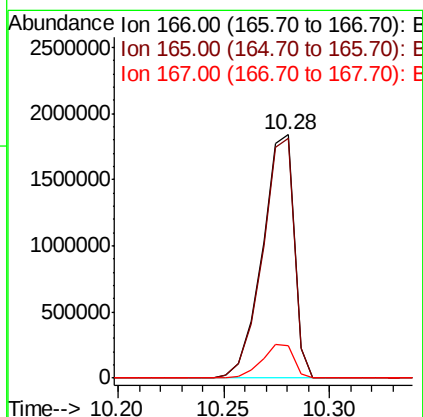
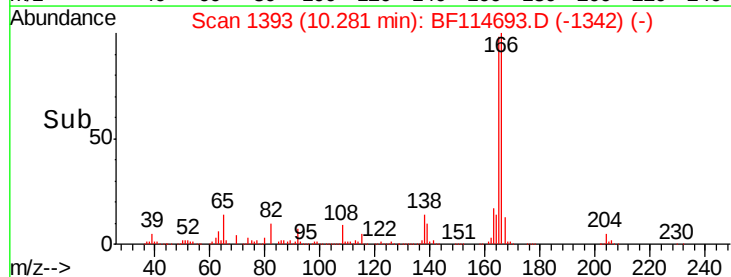
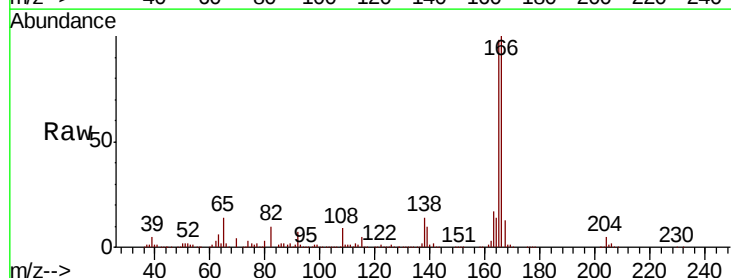
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 771290
Ion Ratio Lower Upper
165 100
63 40.6 32.5 48.7
89 68.6 54.9 82.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.535 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:166 Resp: 1922466
Ion Ratio Lower Upper
166 100
165 98.3 78.6 118.0
167 13.4 10.7 16.1

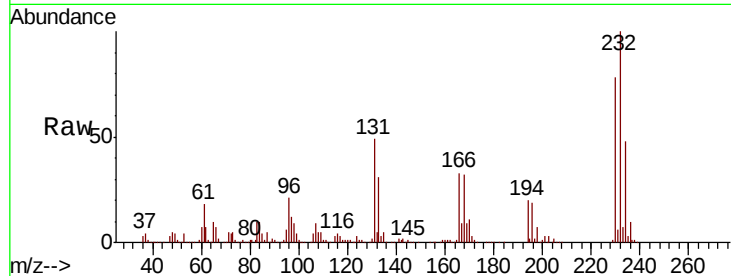




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.974 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.2	54.2
130	2.2	1.8	2.6
166	30.1	24.1	36.1



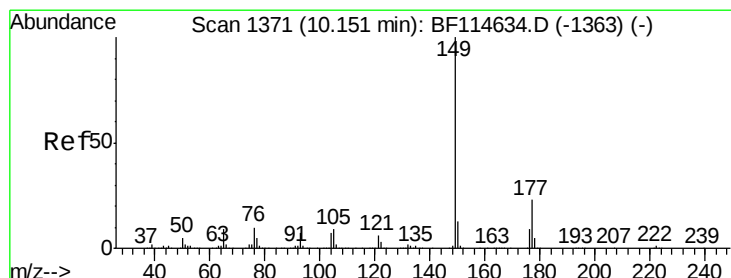
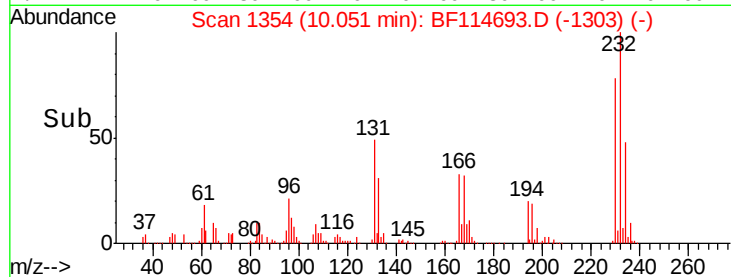
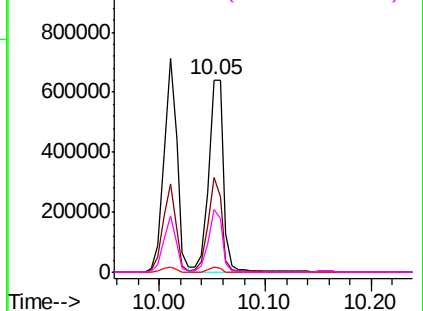
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

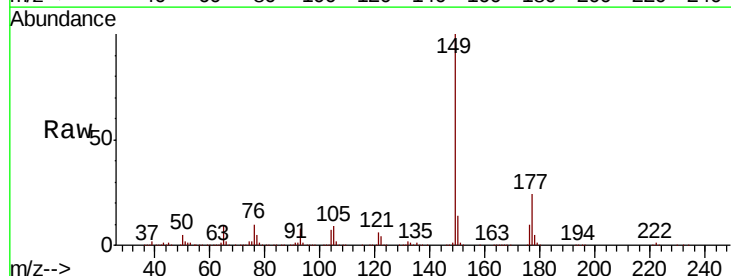
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.219 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.6
150	13.6	10.9	16.3

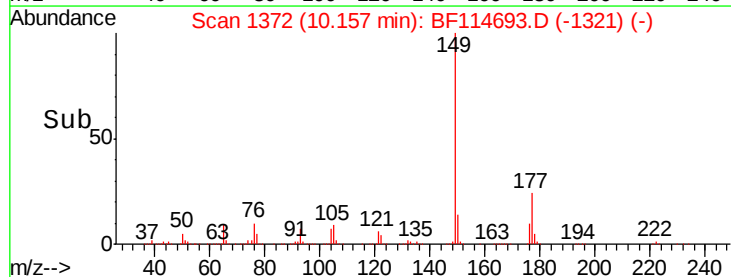
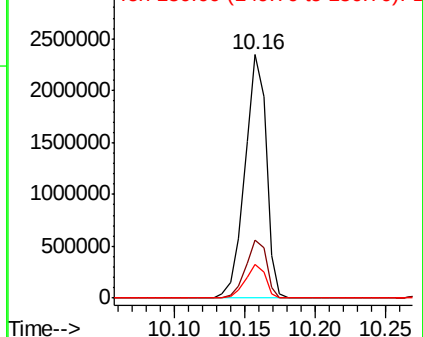


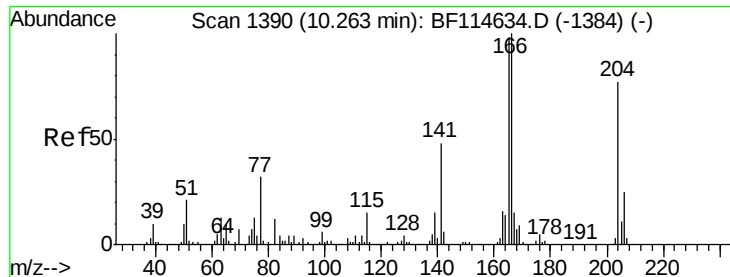
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

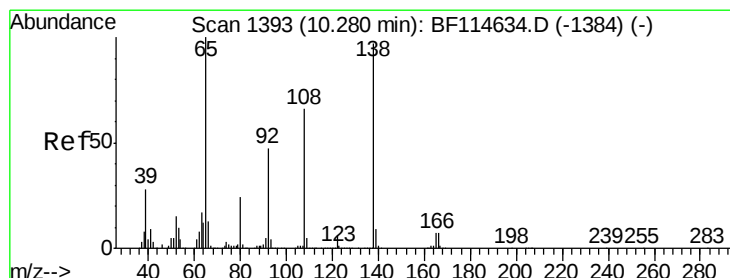
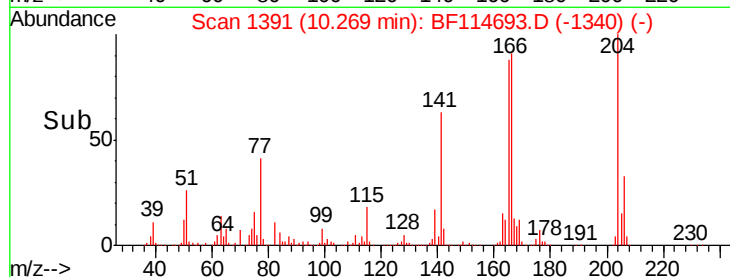
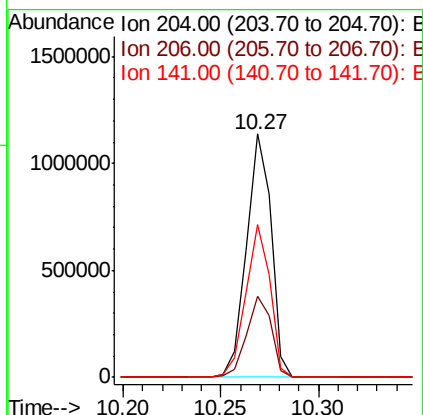
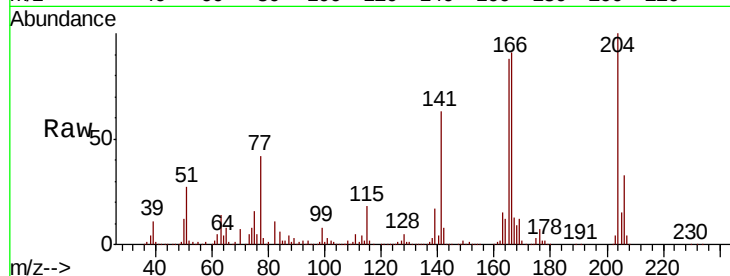




#61
4-Chlorophenyl-phenylether
Concen: 41.226 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

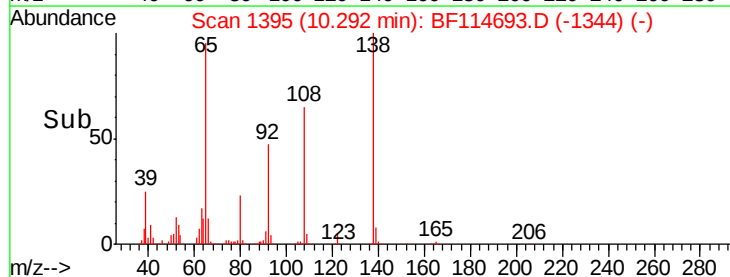
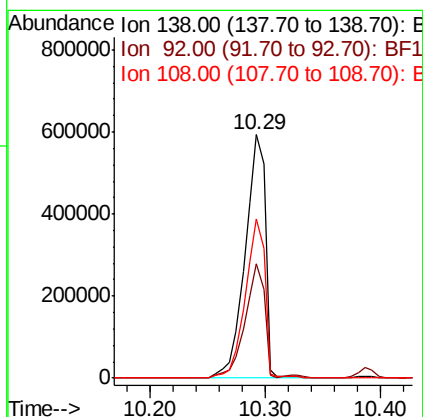
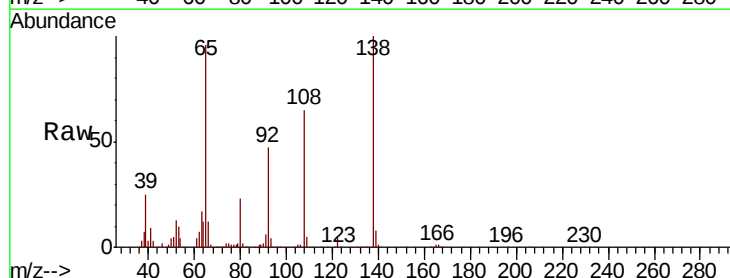
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

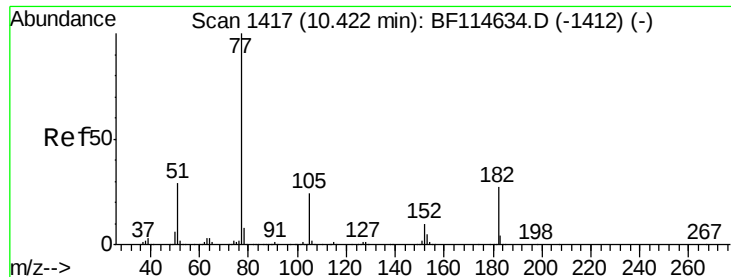
Tot Ion:204 Resp: 1000470
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.8 50.2 75.4



#62
4-Nitroaniline
Concen: 42.910 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:138 Resp: 717688
Ion Ratio Lower Upper
138 100
92 47.1 27.1 67.1
108 65.4 45.4 85.4





#63

Azobenzene

Concen: 38.553 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

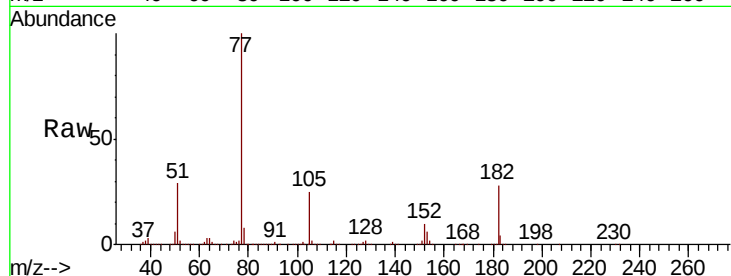
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 2181889

Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.1	48.1
105	24.7	4.7	44.7
51	28.6	8.6	48.6

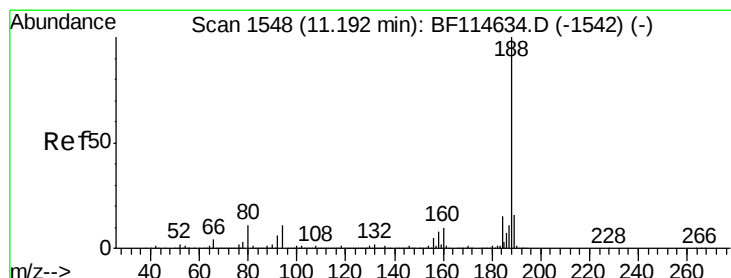
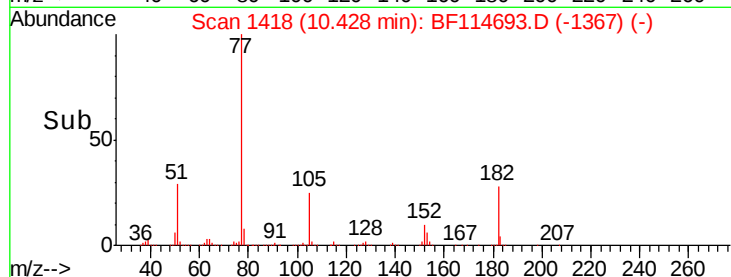
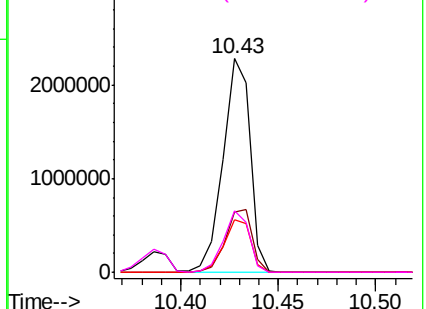


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

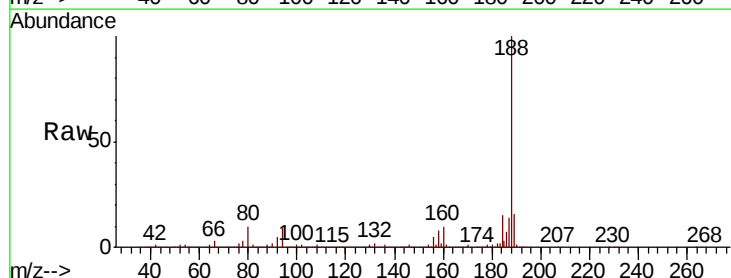
Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion: 188 Resp: 1630813

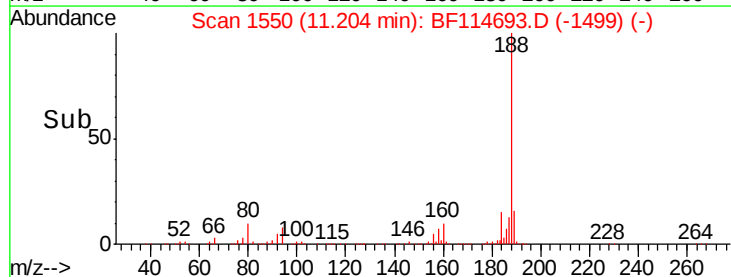
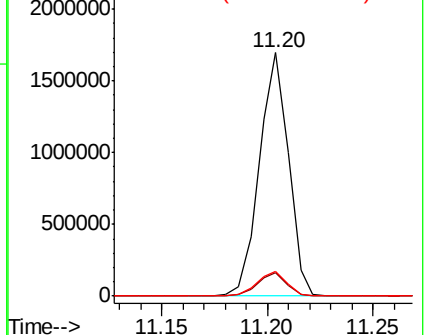
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	10.2	8.2	12.2

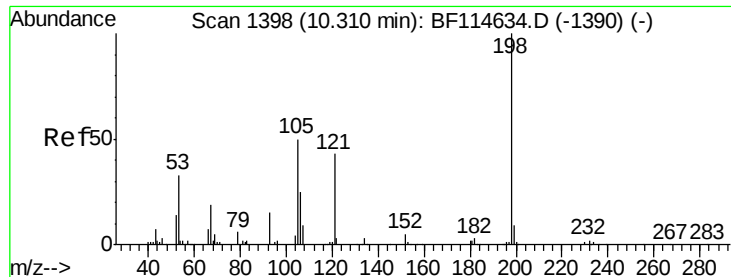


Abundance Ion 188.00 (187.70 to 188.70): E

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: 44.034 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

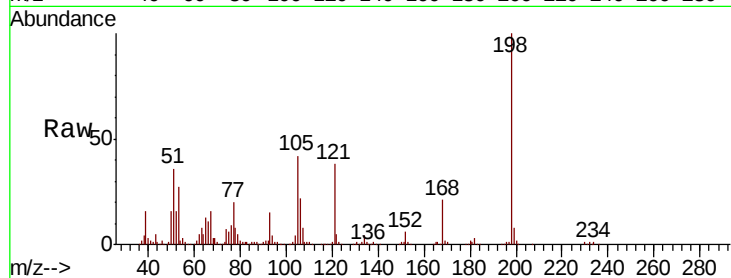
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 318420

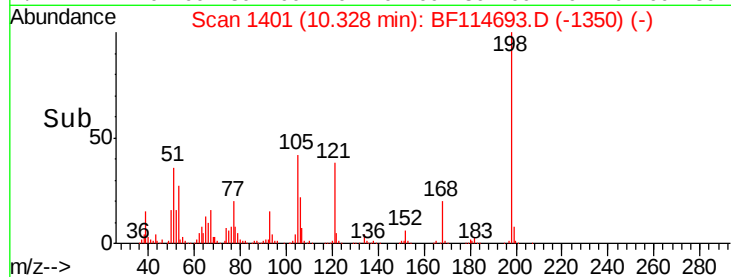
Ion	Ratio	Lower	Upper
198	100		
51	36.4	16.4	56.4
105	41.6	21.6	61.6



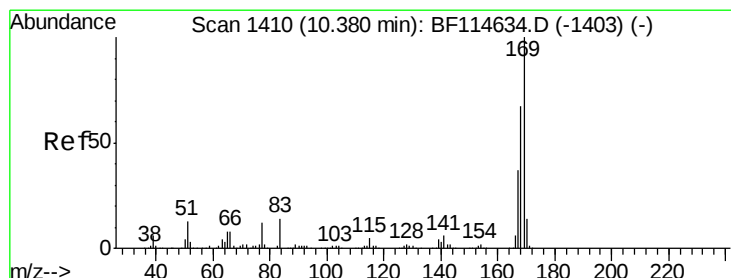
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.942 ng

RT: 10.39 min Scan# 1412

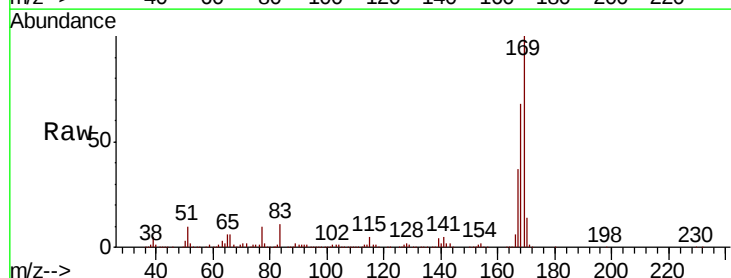
Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion:169 Resp: 1972703

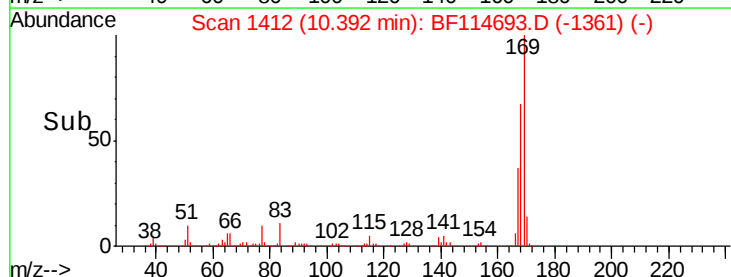
Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.0	81.0
167	37.4	29.9	44.9



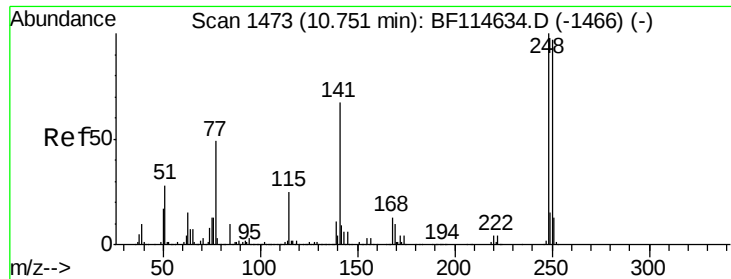
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



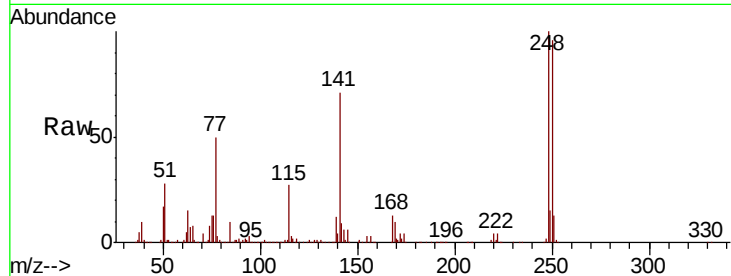
Time-->



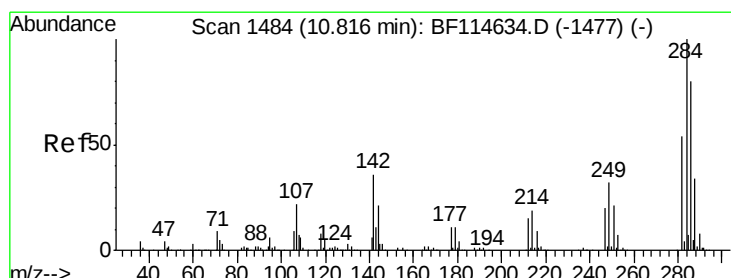
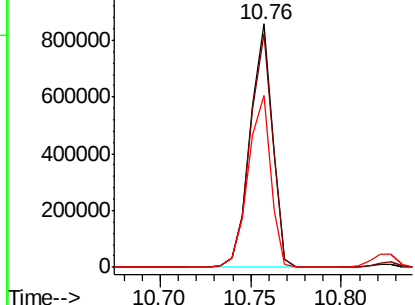
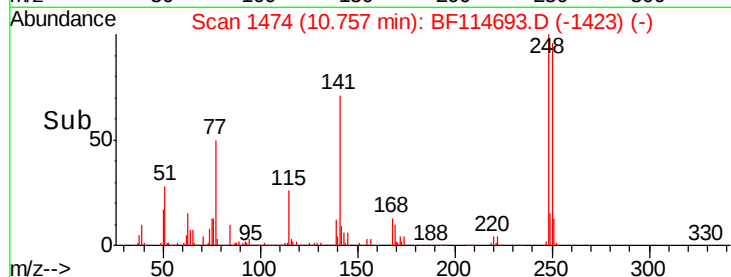
#67
4-Bromophenyl-phenylether
Concen: 42.104 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 736329
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 70.7 56.6 84.8

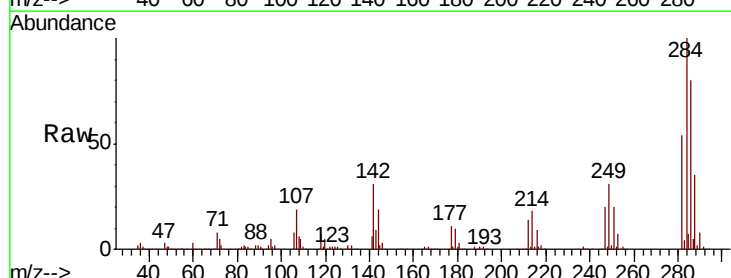


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

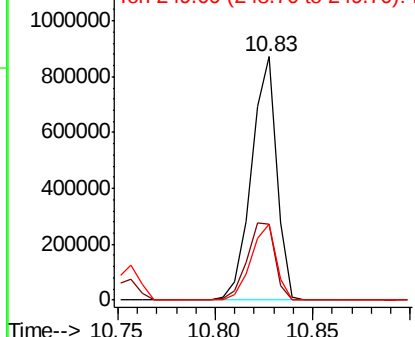
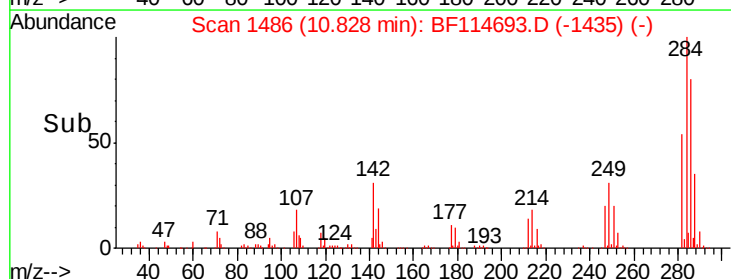


#68
Hexachlorobenzene
Concen: 41.222 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:284 Resp: 780834
Ion Ratio Lower Upper
284 100
142 31.3 25.0 37.6
249 31.4 25.1 37.7



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

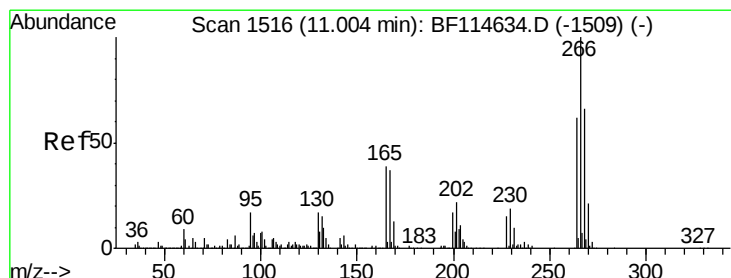
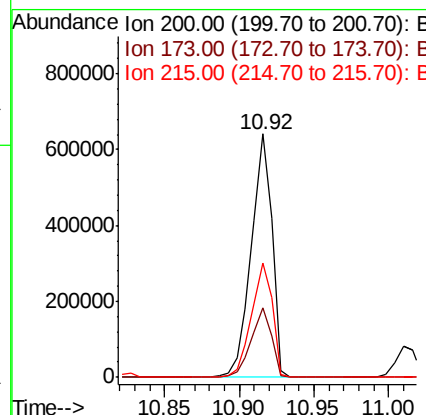
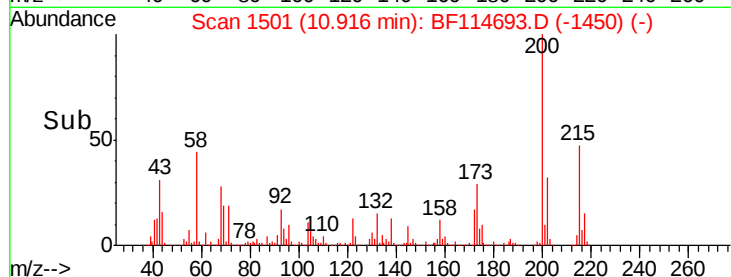
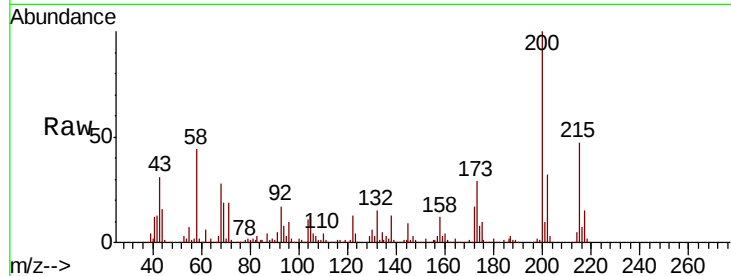




#69
Atrazine
Concen: 39.571 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

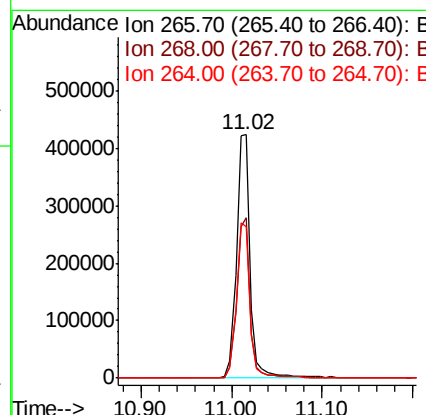
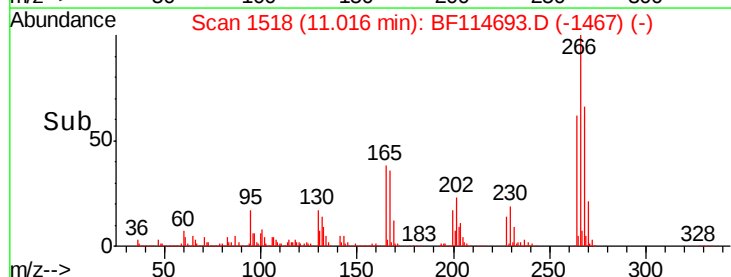
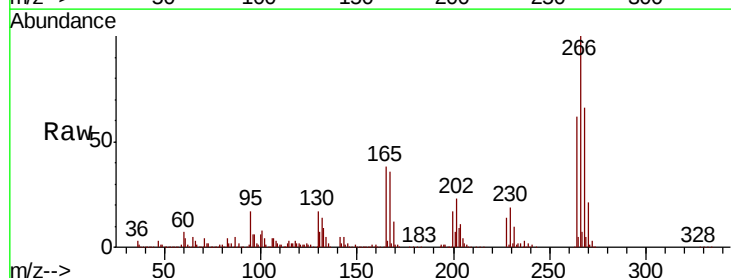
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

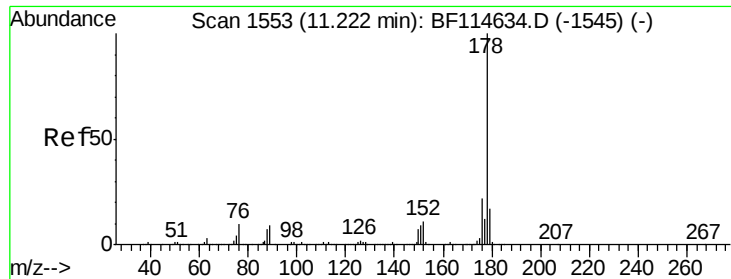
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.5	48.5
215	47.2	27.2	67.2



#70
Pentachlorophenol
Concen: 41.316 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.6	78.8
264	62.0	49.6	74.4

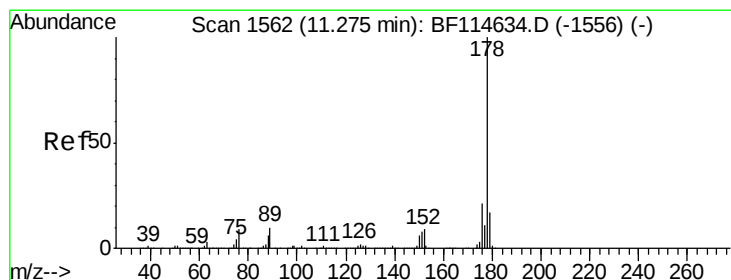
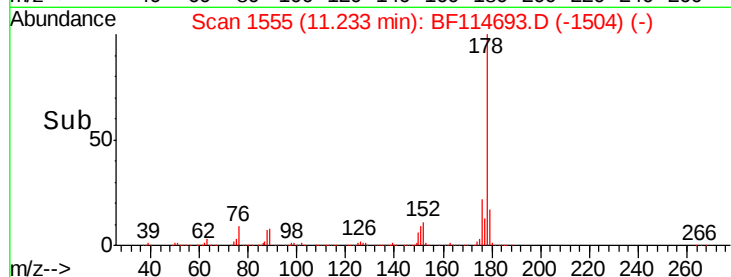
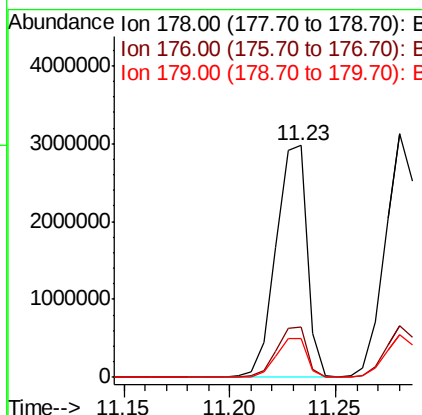
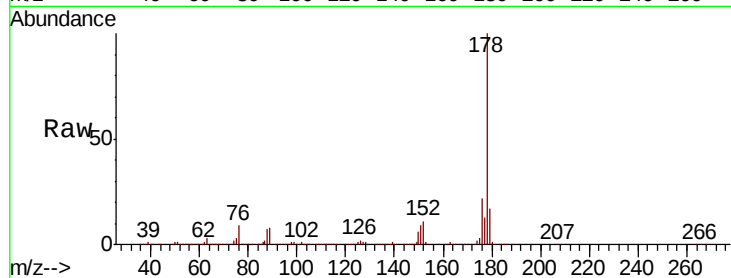




#71
Phenanthrene
Concen: 36.846 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

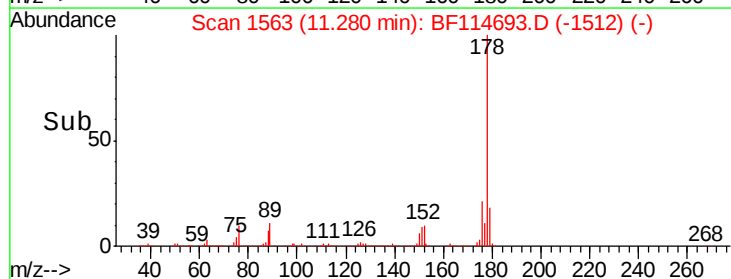
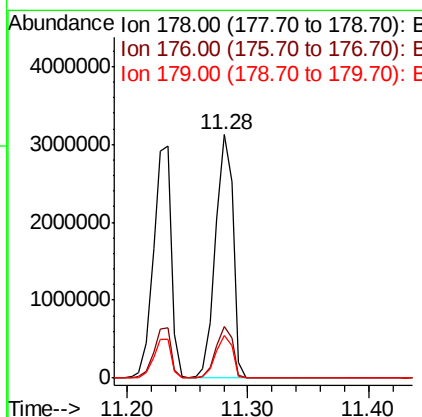
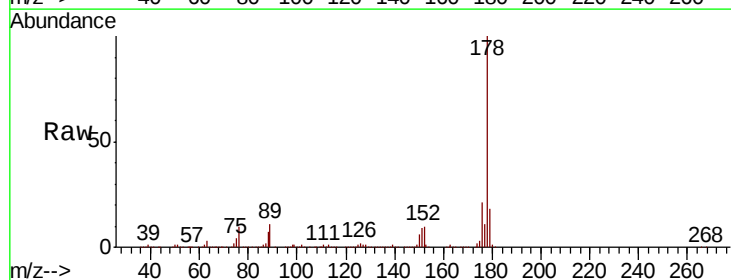
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

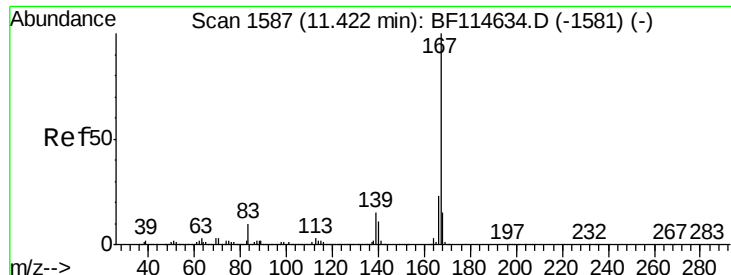
Tot Ion:178 Resp: 3065275
Ion Ratio Lower Upper
178 100
176 21.8 17.4 26.2
179 17.0 13.6 20.4



#72
Anthracene
Concen: 36.765 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:178 Resp: 3095468
Ion Ratio Lower Upper
178 100
176 21.4 17.1 25.7
179 17.7 14.2 21.2

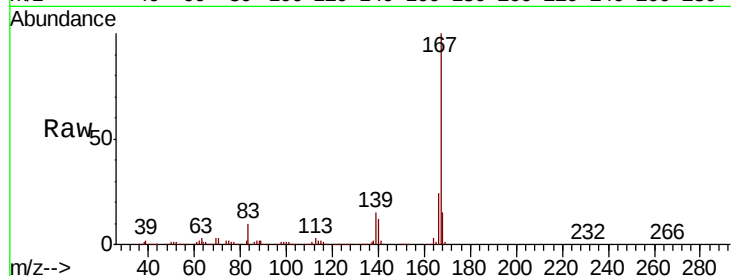




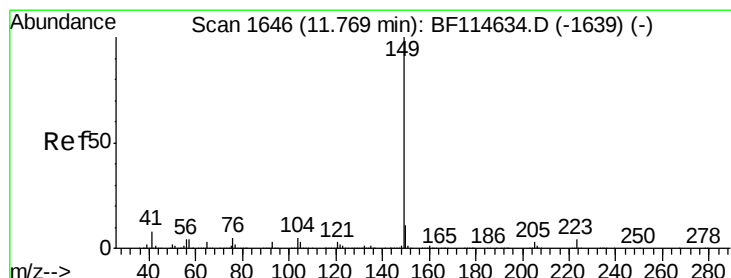
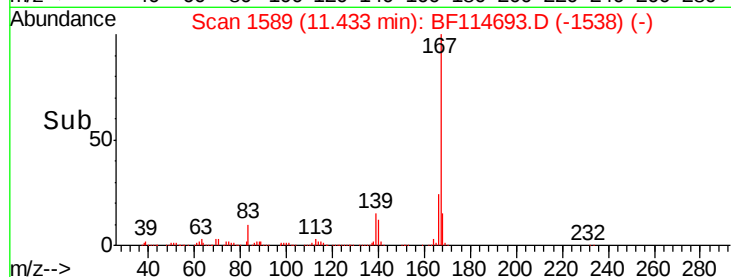
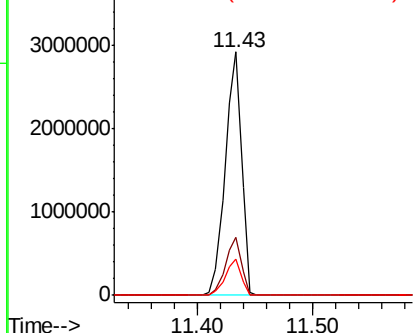
#73
 Carbazole
 Concen: 38.660 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2860755
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.0 28.4
 139 14.9 11.9 17.9

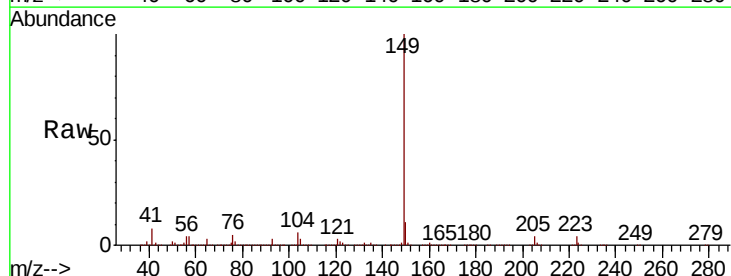


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

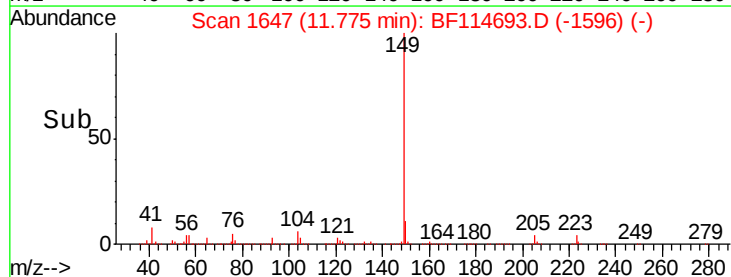
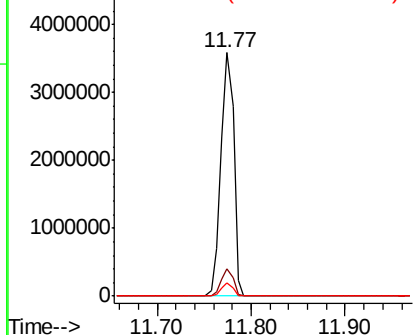


#74
 Di-n-butylphthalate
 Concen: 36.955 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion:149 Resp: 3455831
 Ion Ratio Lower Upper
 149 100
 150 11.3 9.0 13.6
 104 5.7 4.6 6.8



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





#75

Fluoranthene

Concen: 35.870 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

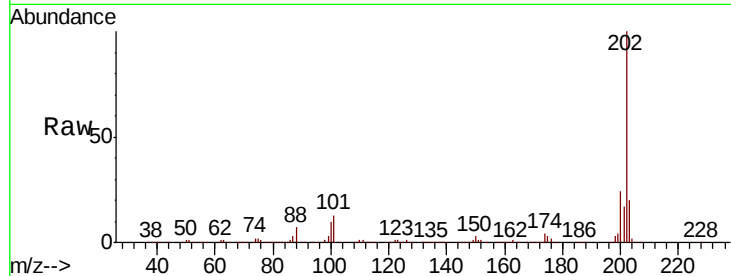
Tot Ion:202 Resp: 3089884

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.5

203 20.1 0.1 40.1

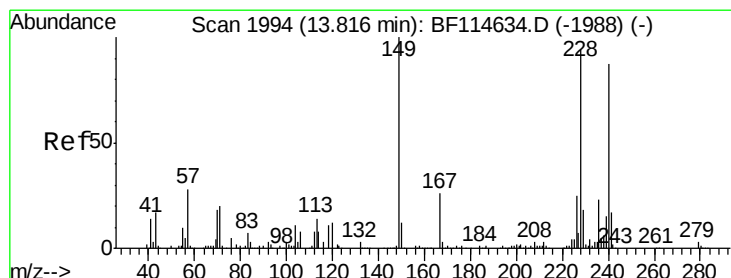
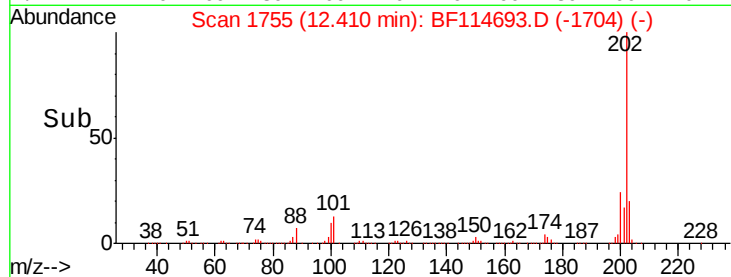
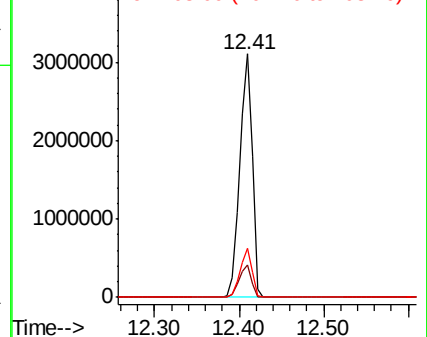


Abundance

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. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

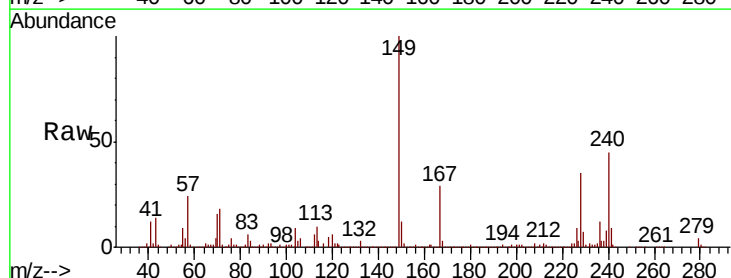
Tgt Ion:240 Resp: 850024

Ion Ratio Lower Upper

240 100

120 13.5 10.8 16.2

236 27.4 21.9 32.9

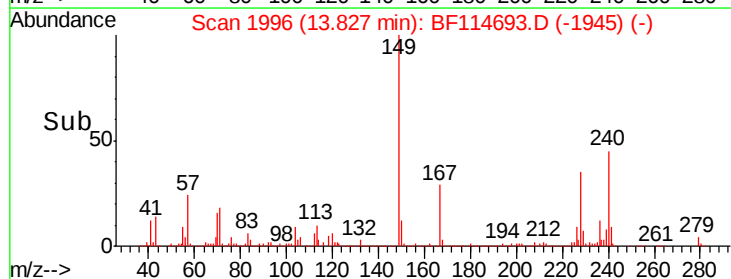
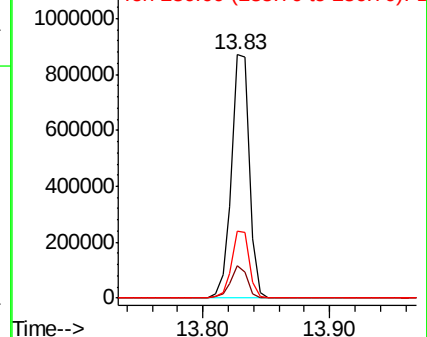


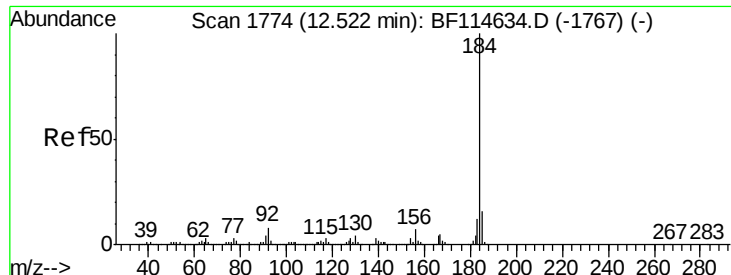
Abundance

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: 43.964 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

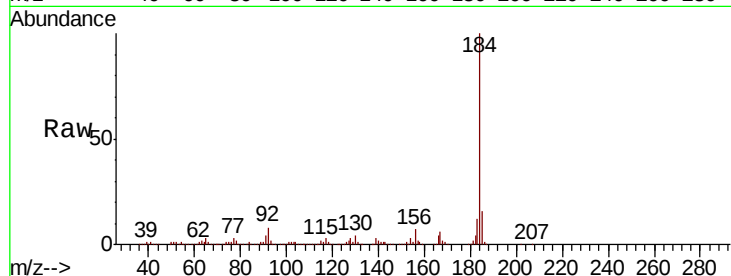
Tot Ion:184 Resp: 1538840

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.7	19.1
183	12.2	9.8	14.6

184 100

185 15.9 12.7 19.1

183 12.2 9.8 14.6

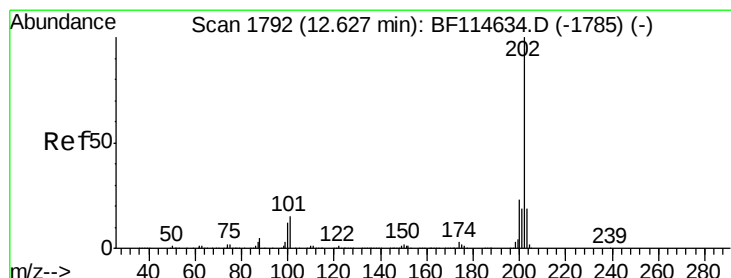
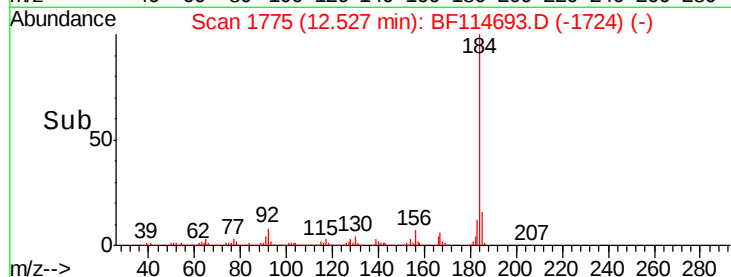
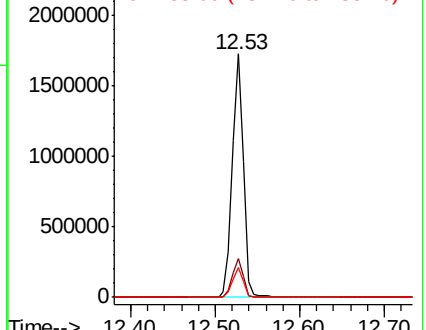


Abundance

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: 43.310 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

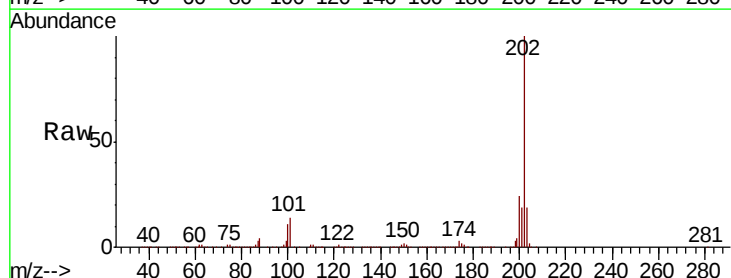
Tgt Ion:202 Resp: 3114191

Ion	Ratio	Lower	Upper
202	100		
200	23.7	19.0	28.4
203	19.4	15.5	23.3

202 100

200 23.7 19.0 28.4

203 19.4 15.5 23.3

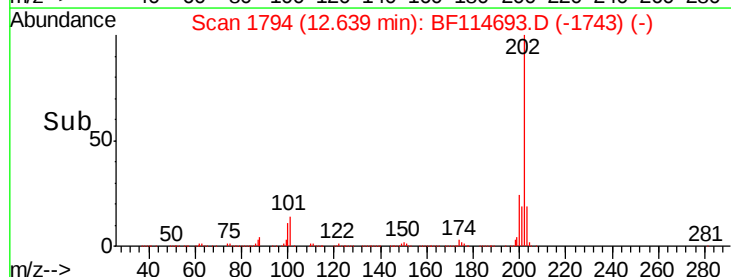
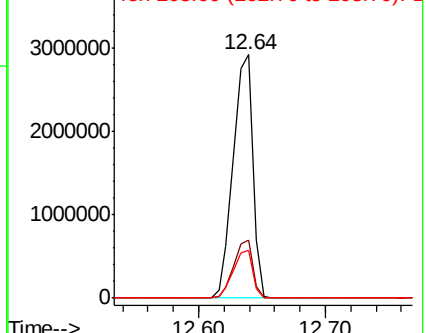


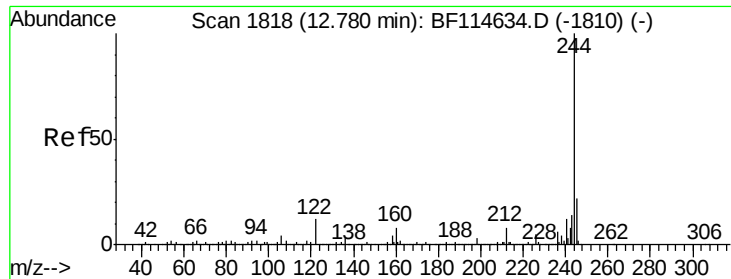
Abundance

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: 86.236 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

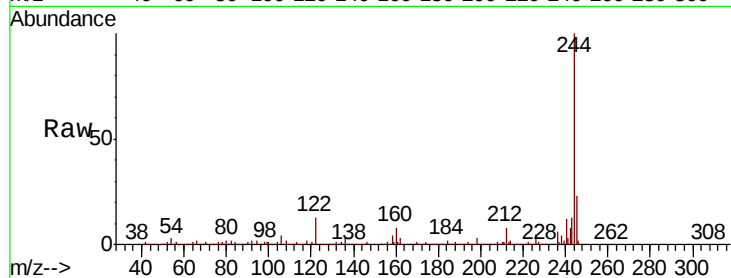
Tot Ion:244 Resp: 3898788

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

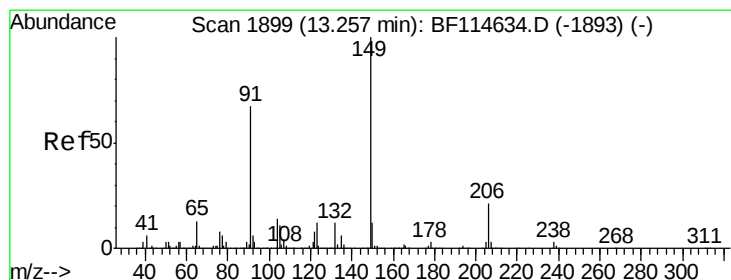
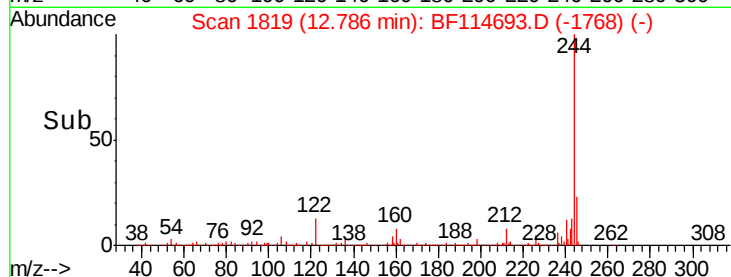
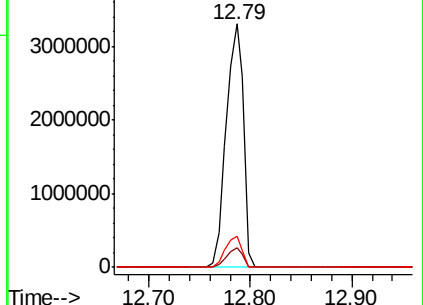
122 12.7 10.2 15.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.308 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

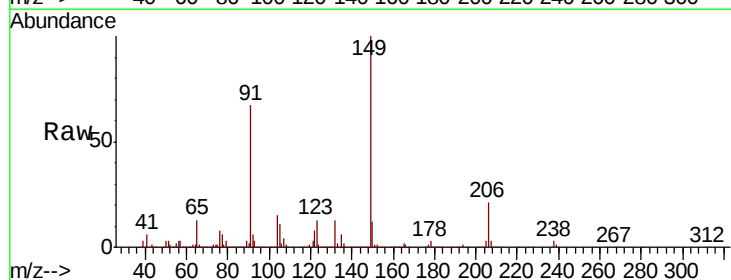
Tgt Ion:149 Resp: 1565021

Ion Ratio Lower Upper

149 100

91 67.0 53.6 80.4

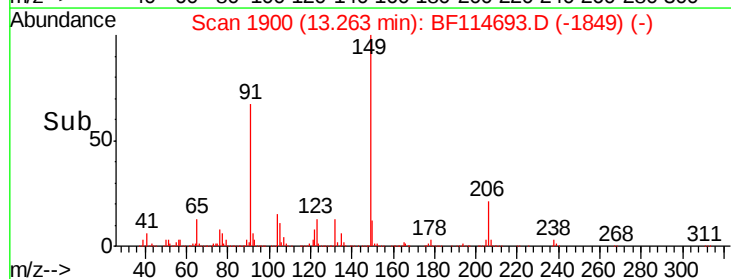
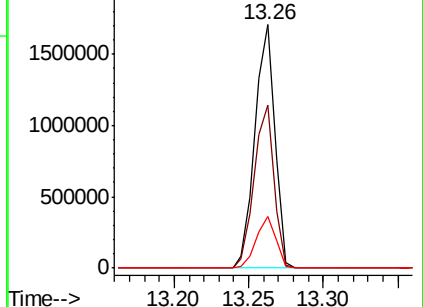
206 21.4 17.1 25.7

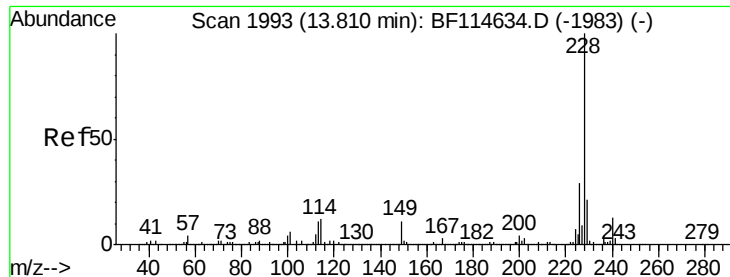


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.302 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

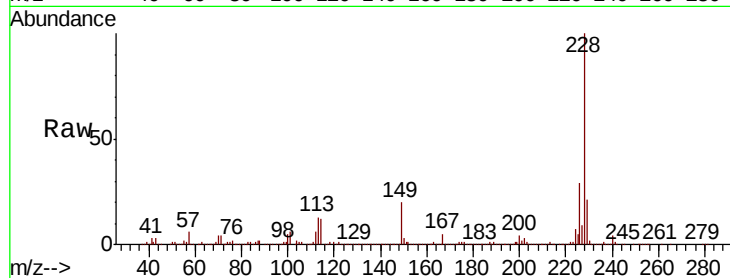
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2567269

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.8	34.2
229	21.3	17.0	25.6

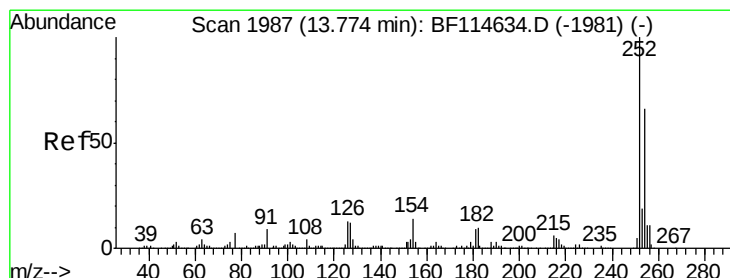
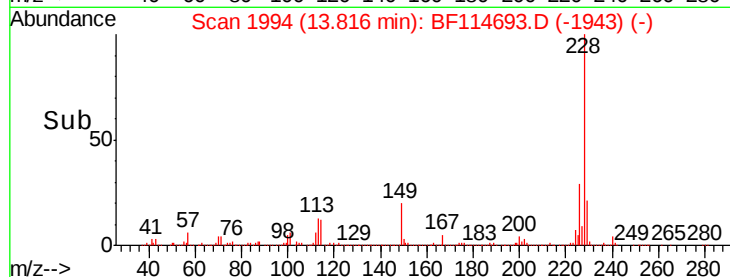
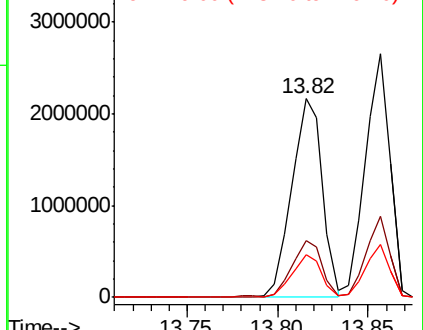


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.696 ng

RT: 13.79 min Scan# 1989

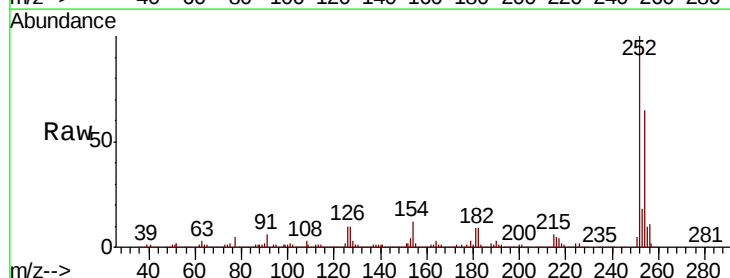
Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion:252 Resp: 1077057

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	10.2	8.2	12.2

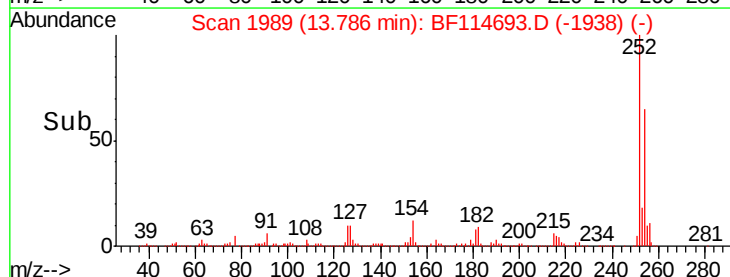
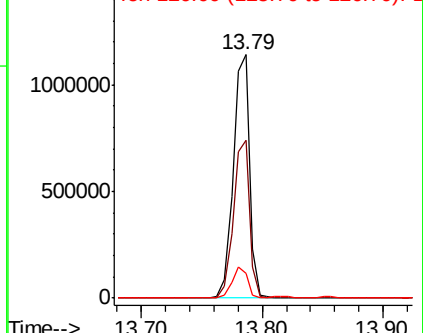


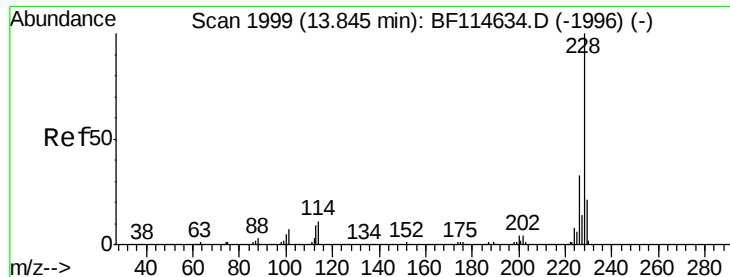
Abundance

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: 40.319 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

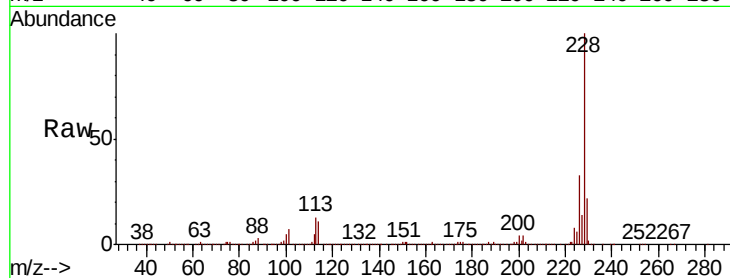
Tot Ion:228 Resp: 2516250

Ion Ratio Lower Upper

228 100

226 33.2 26.6 39.8

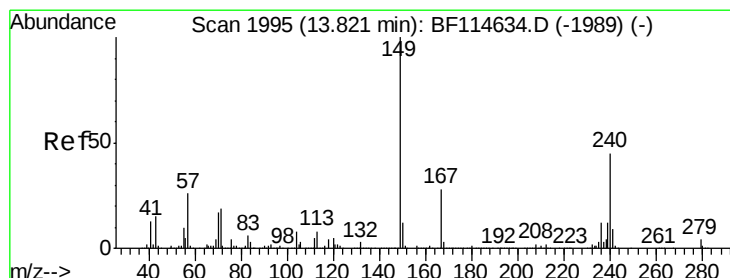
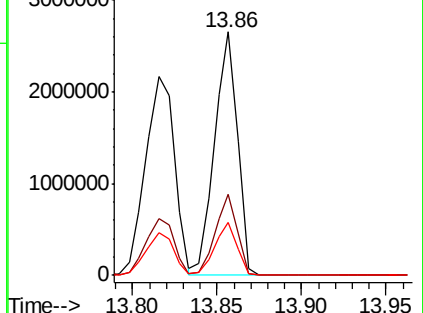
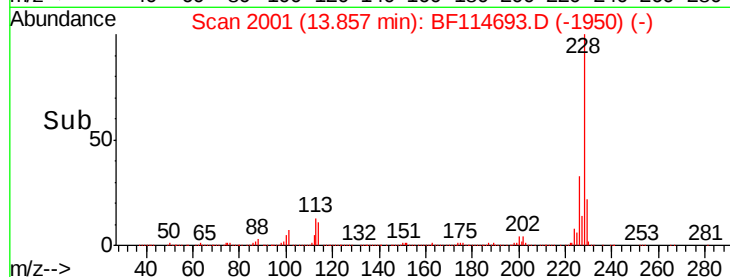
229 21.8 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.288 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

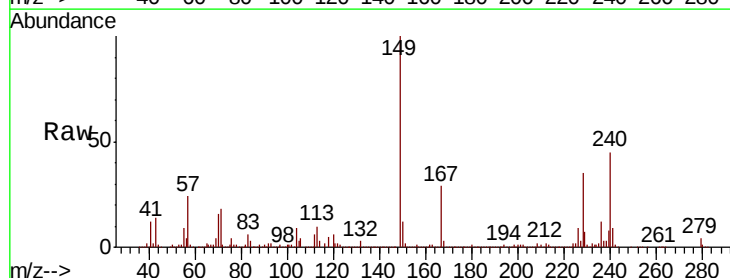
Tgt Ion:149 Resp: 1799882

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

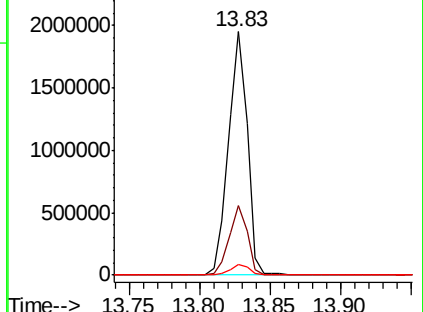
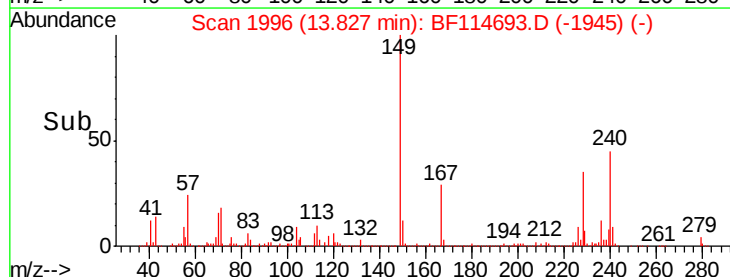
279 4.2 3.4 5.0

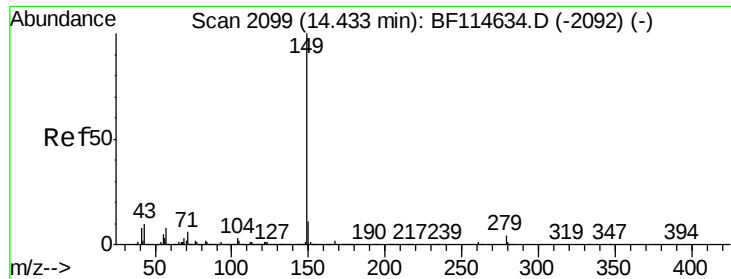


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.578 ng

RT: 14.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

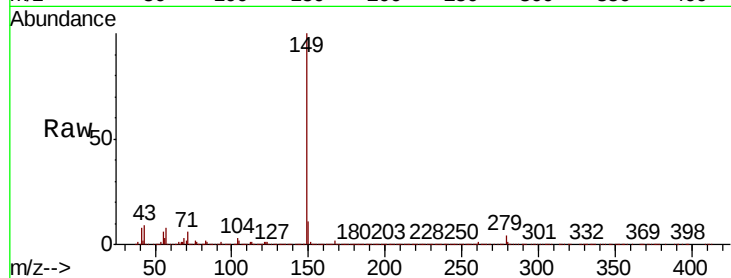
Tot Ion:149 Resp: 3149738

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

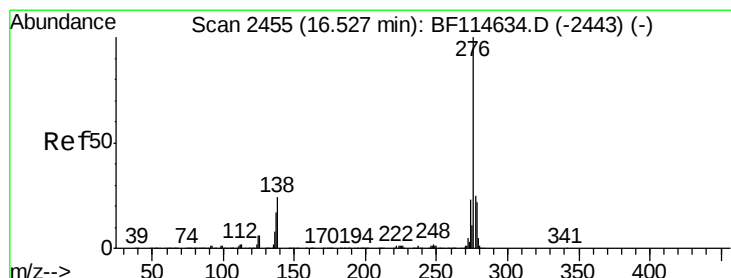
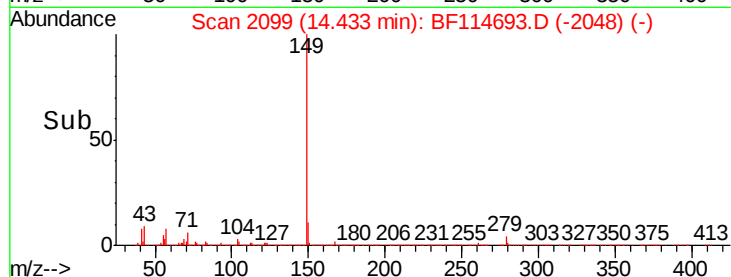
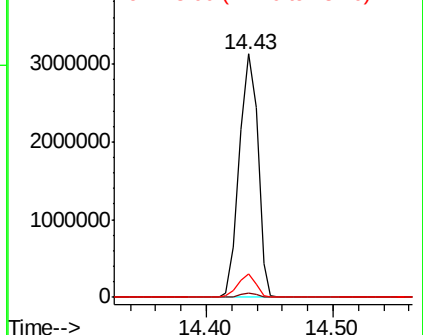
43 9.0 7.2 10.8



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: 36.639 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

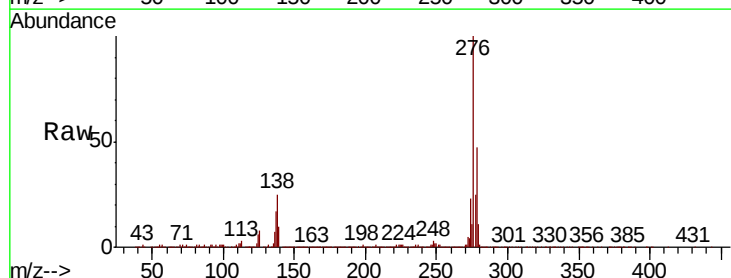
Tgt Ion:276 Resp: 2290186

Ion Ratio Lower Upper

276 100

138 27.6 22.1 33.1

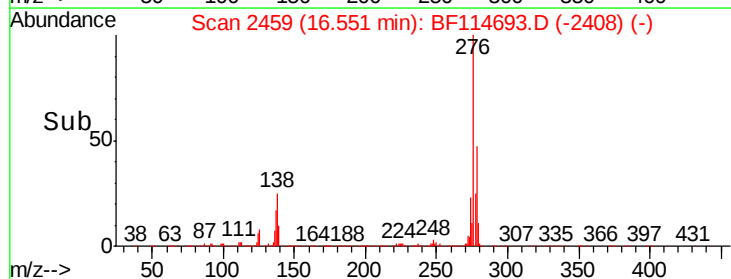
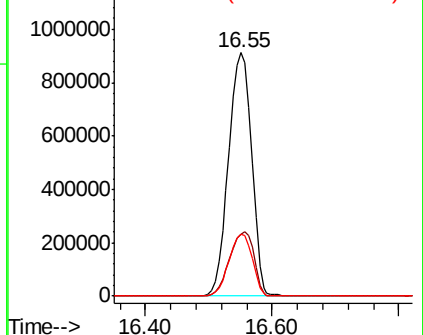
277 25.6 20.5 30.7

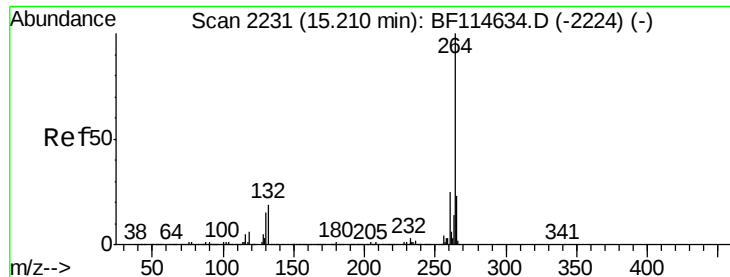


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

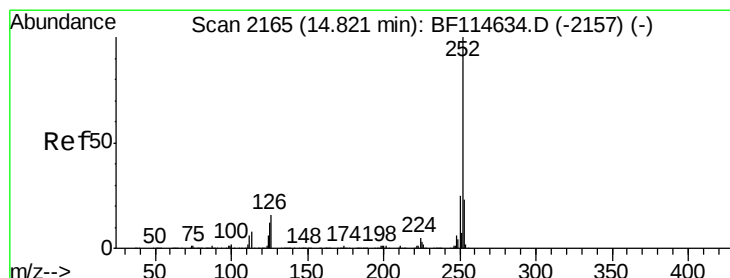
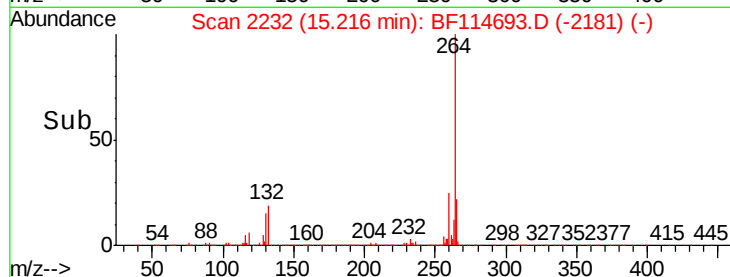
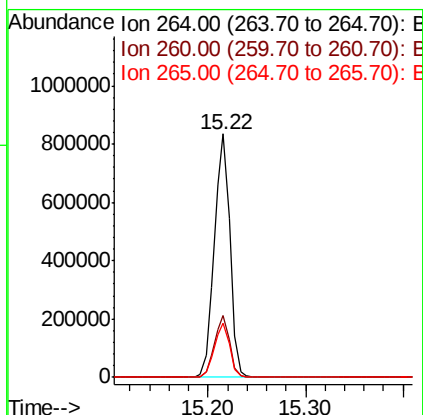
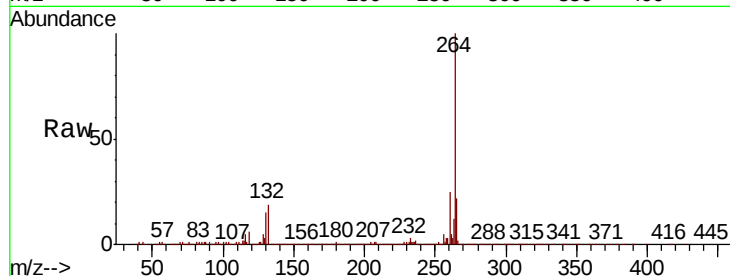




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

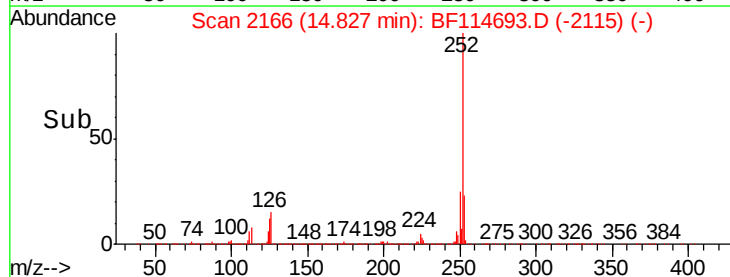
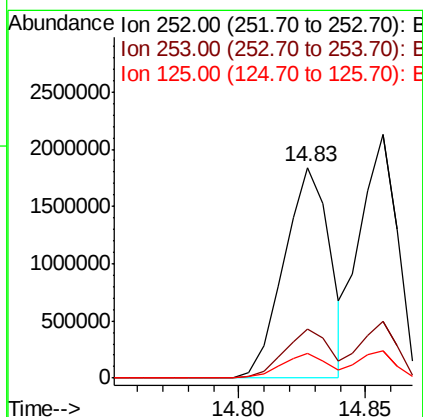
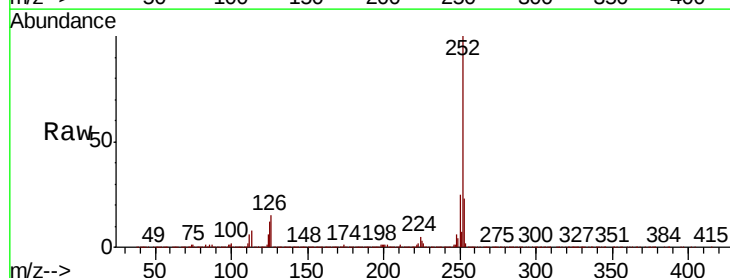
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

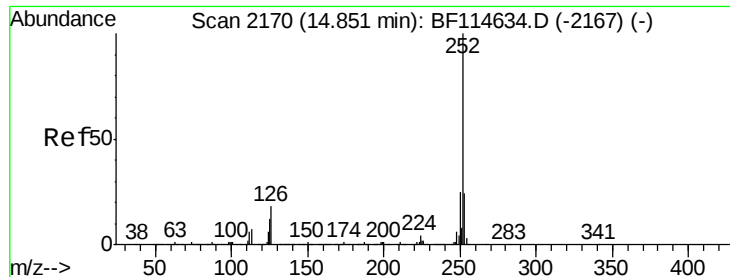
Tot Ion:264 Resp: 922193
Ion Ratio Lower Upper
264 100
260 25.4 20.3 30.5
265 22.5 18.0 27.0



#88
Benzo(b)fluoranthene
Concen: 39.909 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:252 Resp: 2318029
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 11.7 9.4 14.0

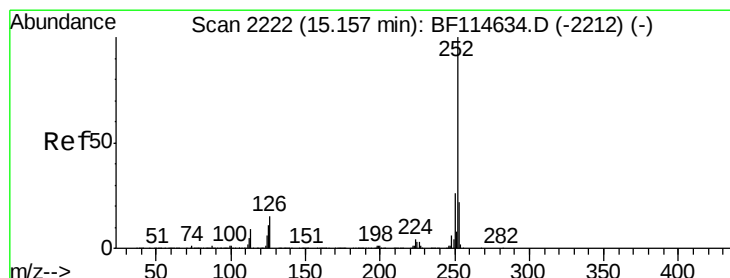
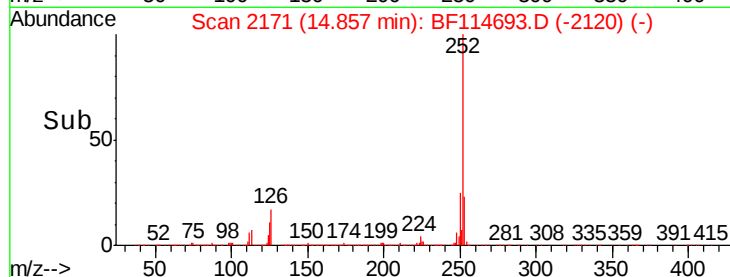
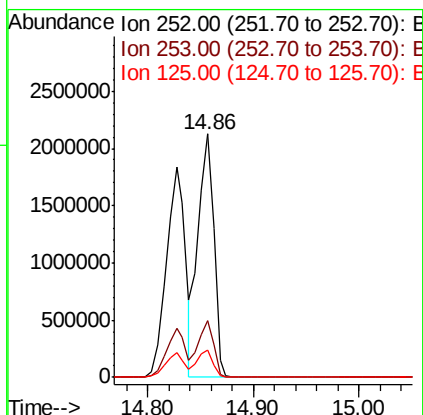
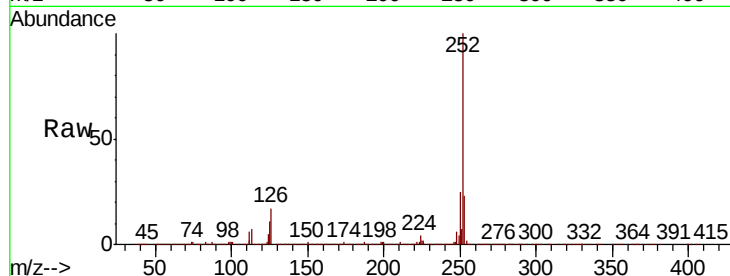




#89
Benzo(k)fluoranthene
Concen: 43.132 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

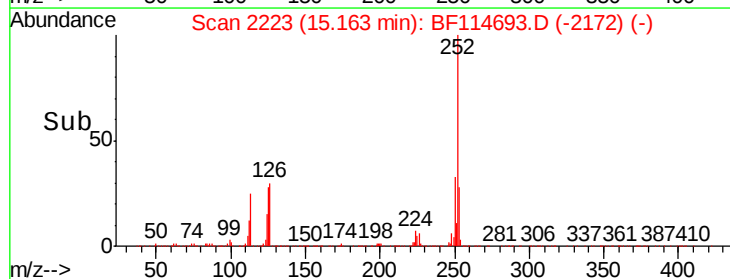
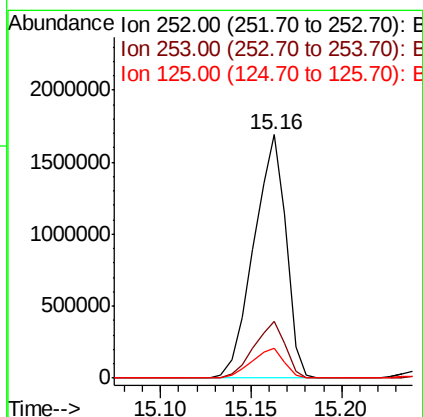
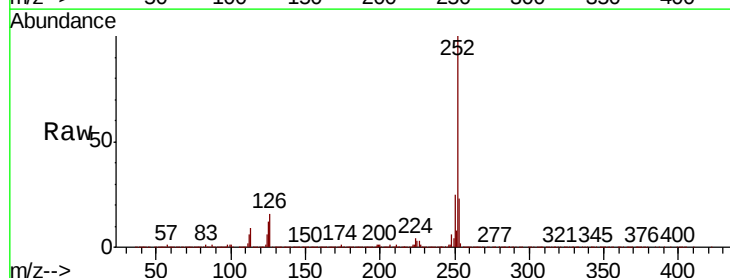
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

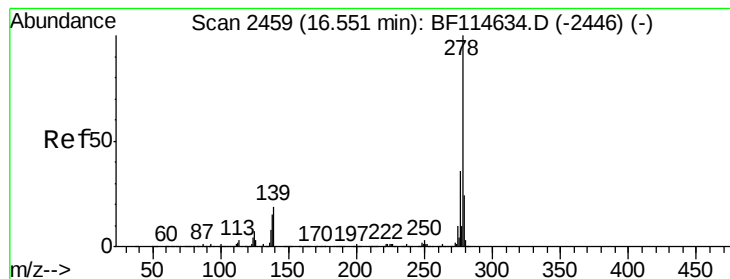
Tot Ion:252 Resp: 2177478
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 11.4 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.765 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:252 Resp: 2080036
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 12.4 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 41.159 ng

RT: 16.57 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

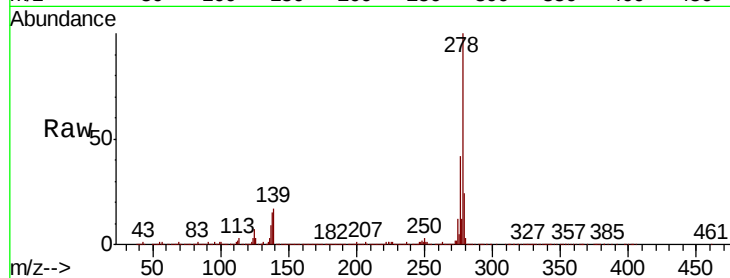
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1855817

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.8	20.6
279	24.5	19.6	29.4

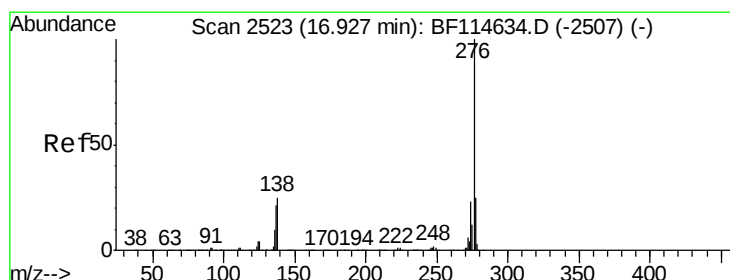
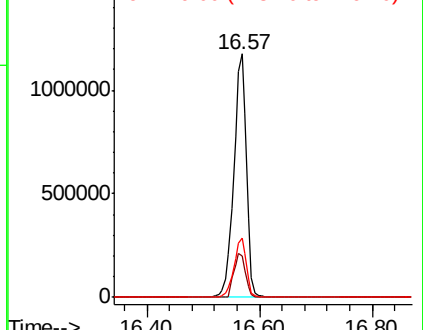
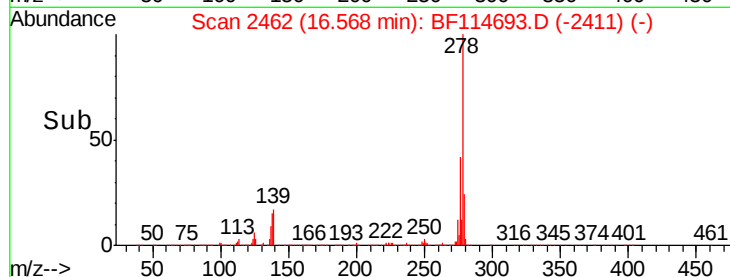


Abundance

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: 42.761 ng

RT: 16.95 min Scan# 2527

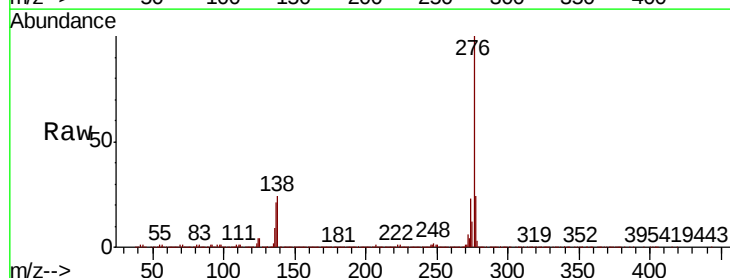
Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion:276 Resp: 1871302

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	24.4	19.5	29.3



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

