

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112114.D
 Acq On : 18 Jan 2019 9:12
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 18 12:05:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	394467	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1488427	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	734044	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1386848	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1092309	20.00	ng	0.00
87) Perylene-d12	15.50	264	937561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1626582	74.84	ng	0.00
7) Phenol-d6	6.50	99	2040366	75.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	1880716	87.30	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	654451	82.65	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3438297	68.67	ng	0.00
79) Terphenyl-d14	12.97	244	3685863	71.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	374250	36.717	ng	99
3) Pyridine	3.39	79	985666	38.610	ng	99
4) n-Nitrosodimethylamine	3.35	42	391987	37.817	ng	98
6) Aniline	6.52	93	1252073	37.859	ng	# 63
8) 2-Chlorophenol	6.65	128	979811	38.818	ng	97
9) Benzaldehyde	6.40	77	527848	34.192	ng	99
10) Phenol	6.52	94	1108830	37.312	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	912238	38.607	ng	98
12) 1,3-Dichlorobenzene	6.80	146	1108675	38.488	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1129826	38.345	ng	99
14) 1,2-Dichlorobenzene	7.03	146	1033560	38.081	ng	99
15) Benzyl Alcohol	7.00	79	799397	39.459	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1265400	37.136	ng	94
17) 2-Methylphenol	7.12	107	745756	39.342	ng	97
18) Hexachloroethane	7.37	117	395688	40.236	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	636682	38.435	ng	99
20) 3+4-Methylphenols	7.27	107	889684	38.710	ng	# 86
22) Acetophenone	7.27	105	1278751	37.084	ng	99
24) Nitrobenzene	7.45	77	975944	42.744	ng	96
25) Isophorone	7.68	82	1589752	38.204	ng	99
26) 2-Nitrophenol	7.76	139	522208	44.940	ng	97
27) 2,4-Dimethylphenol	7.80	122	753233	38.996	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1093201	38.299	ng	99
29) 2,4-Dichlorophenol	8.00	162	839182	39.771	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	948915	38.751	ng	99
31) Naphthalene	8.16	128	2544005	37.579	ng	99
32) Benzoic acid	7.93	122	349641	41.793	ng	98
33) 4-Chloroaniline	8.21	127	1164235	38.266	ng	98
34) Hexachlorobutadiene	8.28	225	532765	39.096	ng	99
35) Caprolactam	8.59	113	289797	39.241	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	806448	39.131	ng	98
37) 2-Methylnaphthalene	8.86	142	1743913	37.935	ng	99
38) 1-Methylnaphthalene	8.96	142	1664345	37.672	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	918580	38.971	ng	99

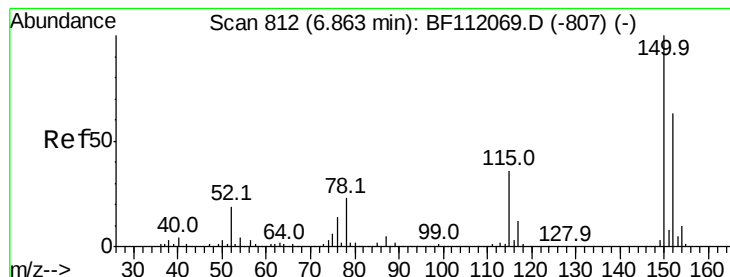
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	327306	39.198	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	595665	42.243	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	626282	41.702	nq	98
46) 1,1'-Biphenyl	9.32	154	2293703	37.370	nq	98
47) 2-Chloronaphthalene	9.35	162	1830303	38.096	nq	98
48) 2-Nitroaniline	9.44	65	501749	46.364	nq	91
49) Acenaphthylene	9.76	152	2640606	37.663	nq	99
50) Dimethylphthalate	9.62	163	2060960	38.499	nq	99
51) 2,6-Dinitrotoluene	9.68	165	475820	44.508	nq #	88
52) Acenaphthene	9.93	154	1582802	36.898	nq	99
53) 3-Nitroaniline	9.85	138	525793	43.981	nq	90
54) 2,4-Dinitrophenol	9.96	184	132968	50.430	nq	94
55) Dibenzofuran	10.10	168	2434864	37.533	nq	96
56) 4-Nitrophenol	10.03	139	322736	40.757	nq	98
57) 2,4-Dinitrotoluene	10.09	165	590640	43.513	nq #	88
58) Fluorene	10.45	166	1781656	36.758	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	480436	42.393	nq	98
60) Diethylphthalate	10.32	149	1986088	38.008	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	988046	37.777	nq	96
62) 4-Nitroaniline	10.47	138	512504	43.173	nq	97
63) Azobenzene	10.60	77	1852835	37.026	nq	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	267835	46.660	nq	98
66) n-Nitrosodiphenylamine	10.56	169	1751723	38.207	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	641481	39.822	nq	92
68) Hexachlorobenzene	11.00	284	670136	38.619	nq	94
69) Atrazine	11.08	200	585659	39.586	nq	98
70) Pentachlorophenol	11.20	266	325699	42.164	nq	98
71) Phenanthrene	11.41	178	2583110	37.010	nq	98
72) Anthracene	11.46	178	2590849	36.645	nq	97
73) Carbazole	11.62	167	2601061	36.725	nq	97
74) Di-n-butylphthalate	11.94	149	2982900	37.441	nq	99
75) Fluoranthene	12.60	202	2691103	36.519	nq	97
77) Benzidine	12.72	184	1412609	38.760	nq	99
78) Pyrene	12.83	202	2733526	37.931	nq	98
80) Butylbenzylphthalate	13.44	149	1306290	41.318	nq	99
81) Benzo(a)anthracene	14.02	228	2352299	37.559	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	916405	39.071	nq	99
83) Chrysene	14.06	228	2224912	37.544	nq	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1844315	40.704	nq	98
85) Di-n-octyl phthalate	14.61	149	2801107	40.123	nq	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1890107	34.570	nq	99
88) Benzo(b)fluoranthene	15.07	252	2010708	37.781	nq	100
89) Benzo(k)fluoranthene	15.10	252	2039864	39.601	nq	99
90) Benzo(a)pyrene	15.44	252	1860169	38.113	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	1586624	36.602	nq	99
92) Benzo(g,h,i)perylene	17.43	276	1549005	36.272	nq	99

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

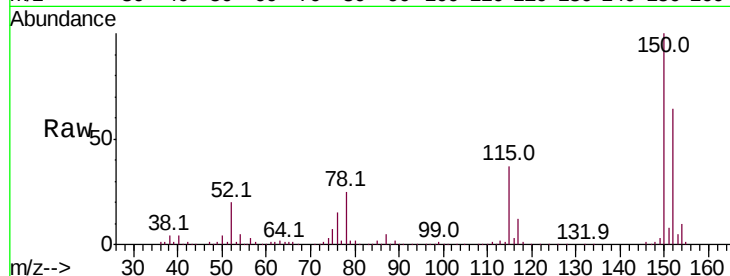


#1

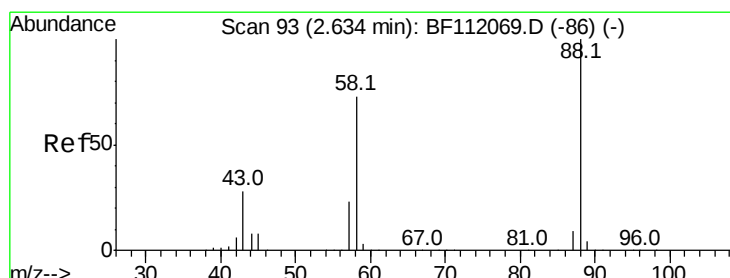
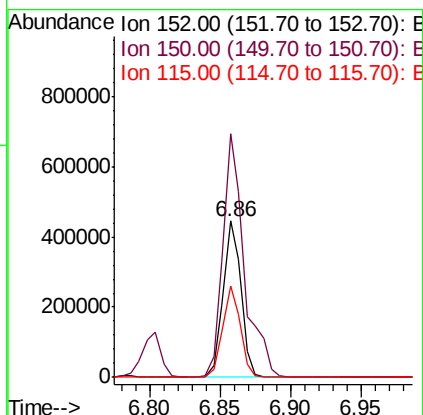
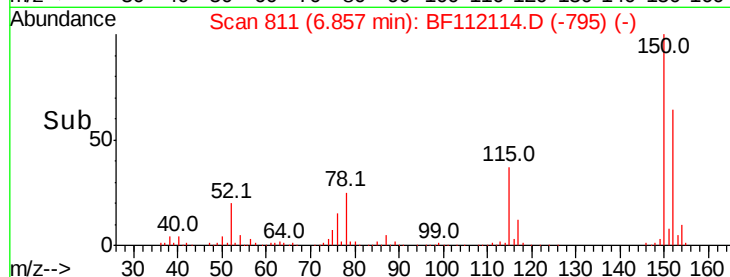
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	58.2	45.5	68.3



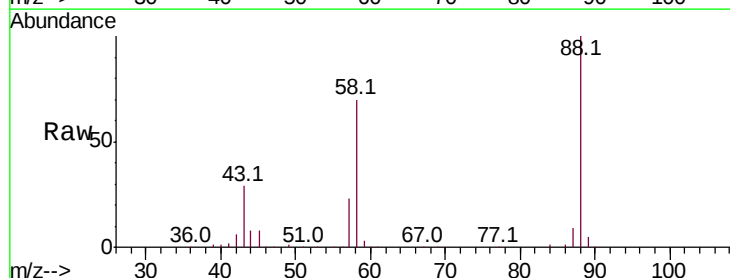
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



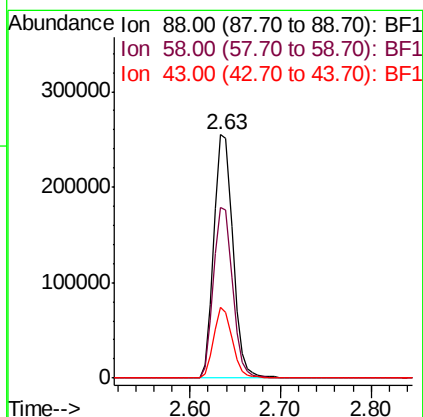
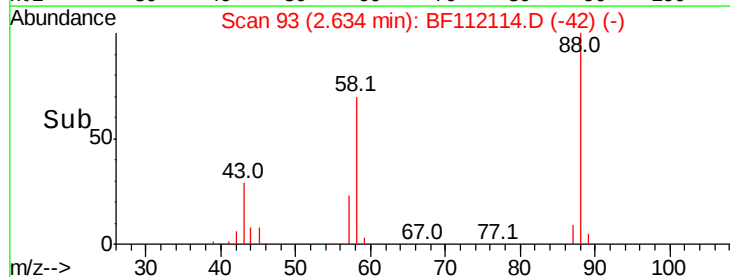
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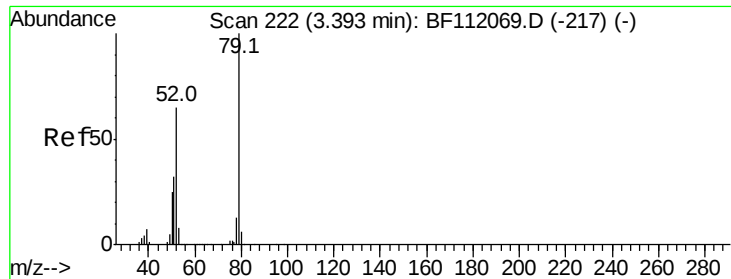
1,4-Dioxane
Concen: 36.717 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	57.4	86.2
43	27.7	22.2	33.4



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: 38.610 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.00 min

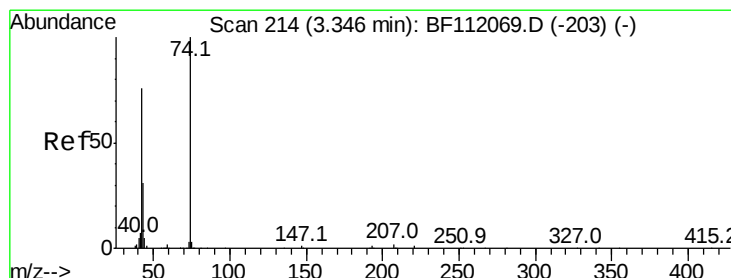
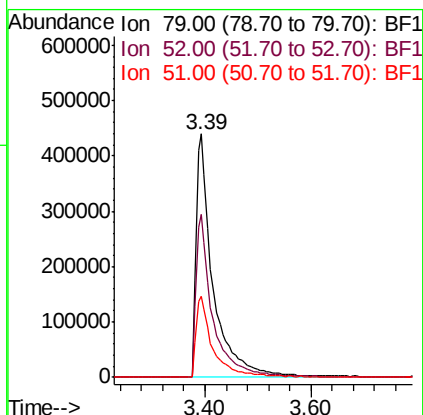
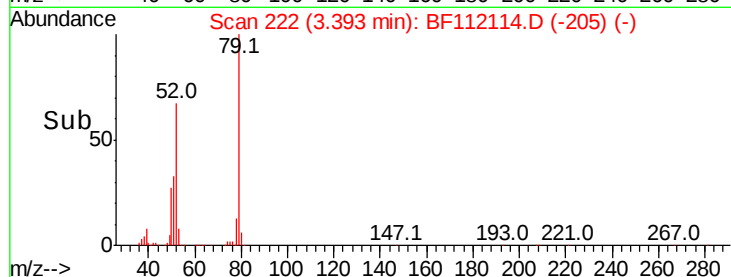
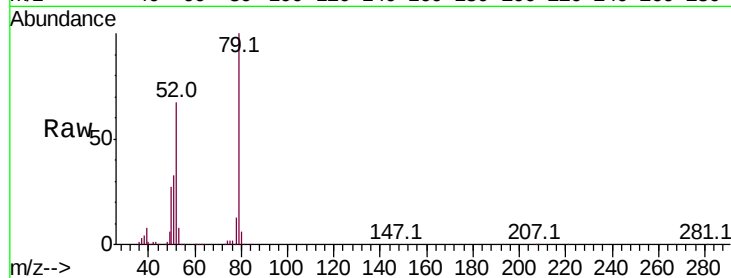
Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 985666

Ion	Ratio	Lower	Upper
79	100		
52	66.8	52.4	78.6
51	33.3	26.1	39.1



#4

n-Nitrosodimethylamine

Concen: 37.817 ng

RT: 3.35 min Scan# 214

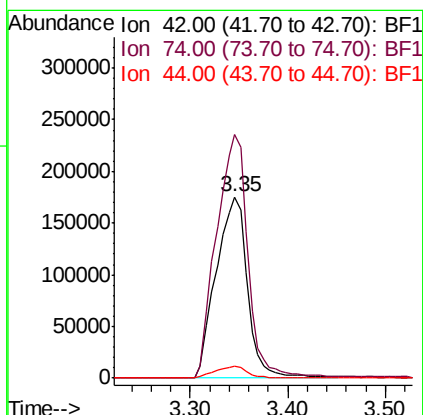
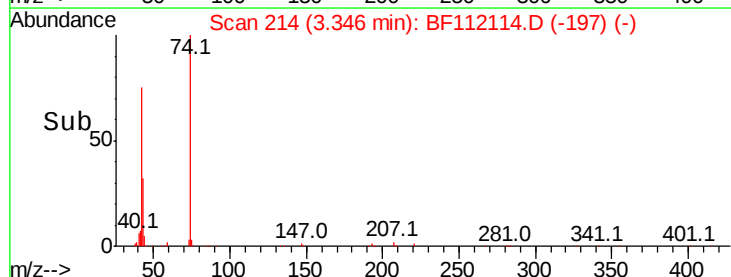
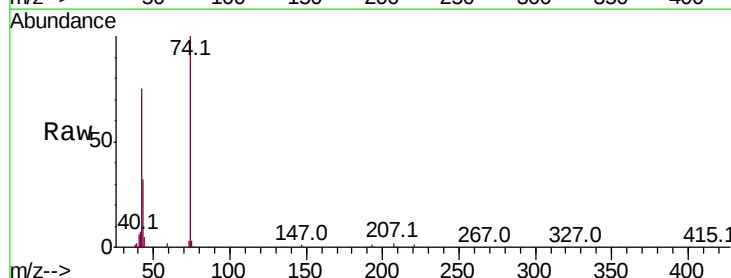
Delta R.T. -0.00 min

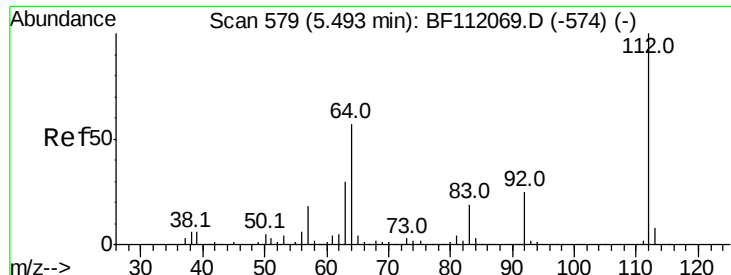
Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Tgt Ion: 42 Resp: 391987

Ion	Ratio	Lower	Upper
42	100		
74	134.1	105.6	158.4
44	6.4	5.4	8.2

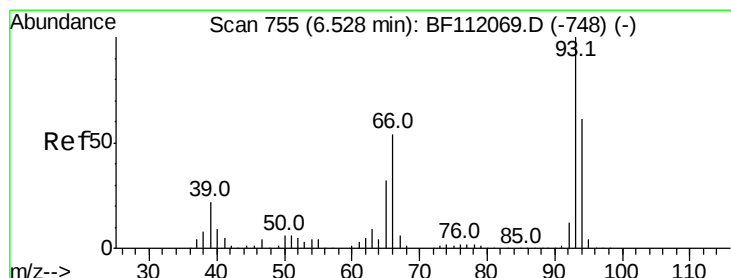
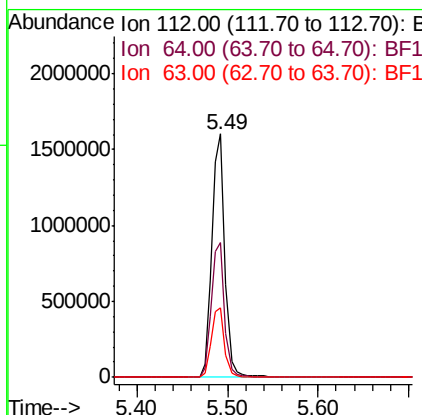
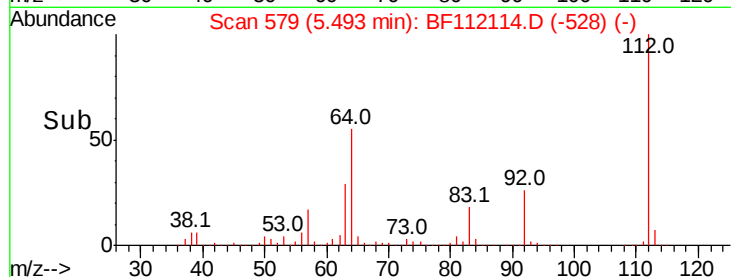
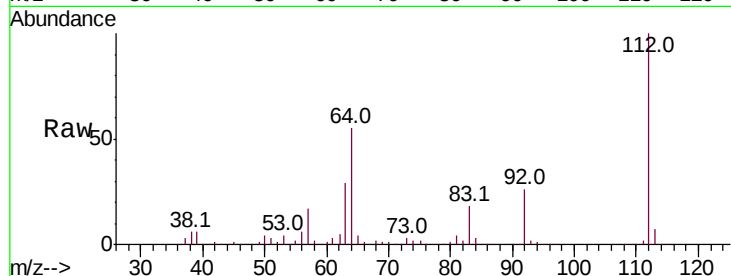




#5
 2-Fluorophenol
 Concen: 74.843 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

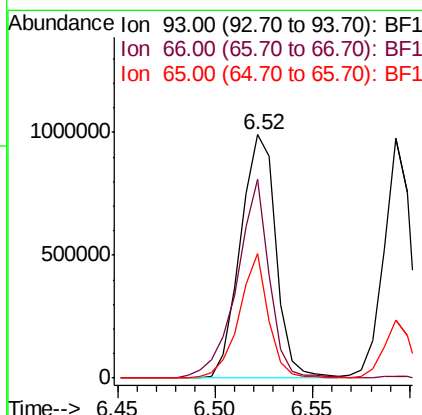
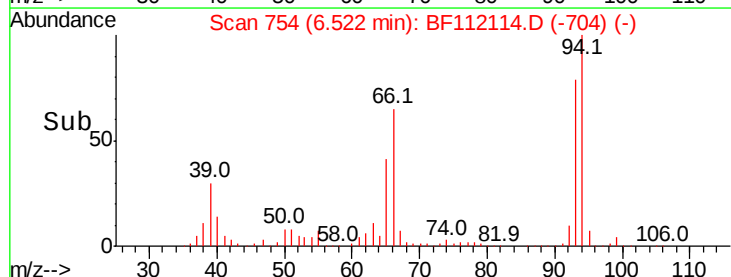
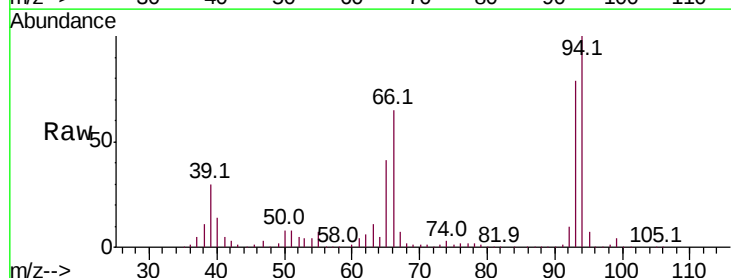
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

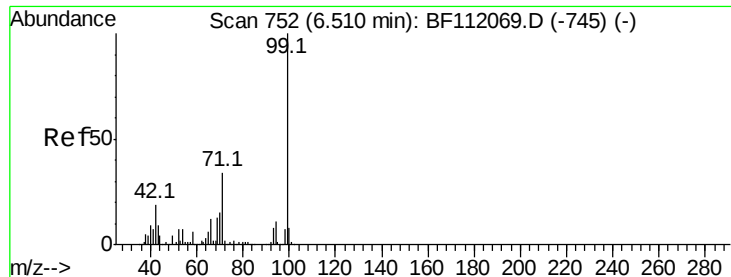
Tot Ion:112 Resp: 1626582
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.7 68.5
 63 28.8 23.6 35.4



#6
 Aniline
 Concen: 37.859 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Tgt Ion: 93 Resp: 1252073
 Ion Ratio Lower Upper
 93 100
 66 81.4 43.4 65.2#
 65 51.4 25.3 37.9#





#7

Phenol-d6

Concen: 75.037 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

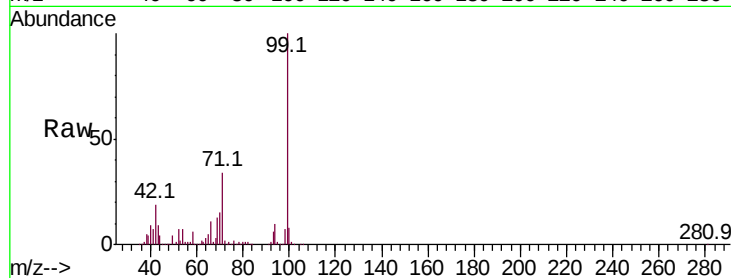
Tot Ion: 99 Resp: 2040366

Ion Ratio Lower Upper

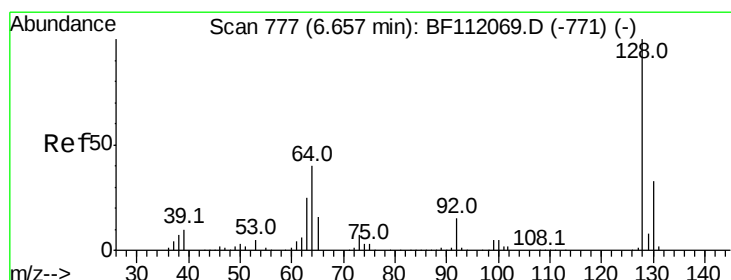
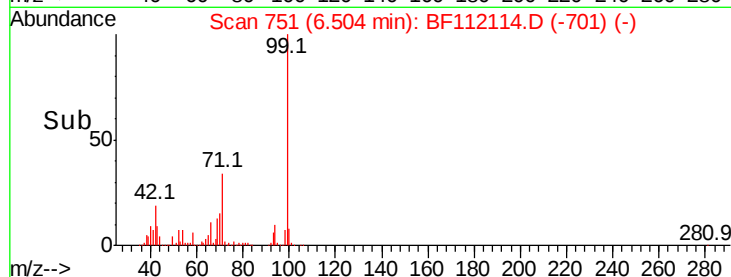
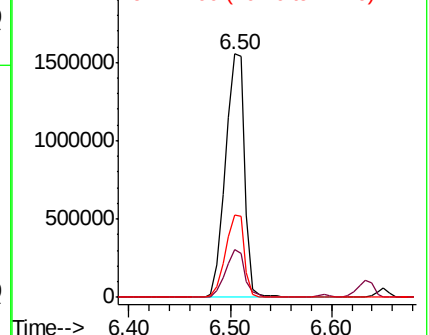
99 100

42 19.4 15.1 22.7

71 33.9 26.9 40.3



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: 38.818 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

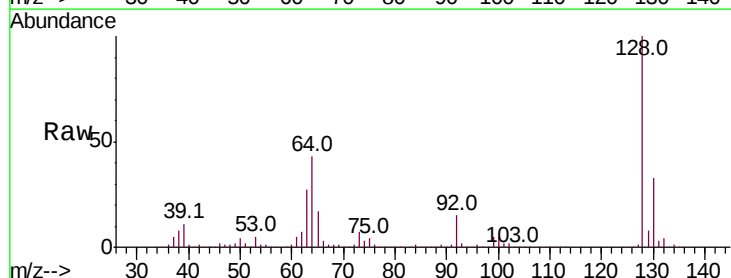
Tgt Ion: 128 Resp: 979811

Ion Ratio Lower Upper

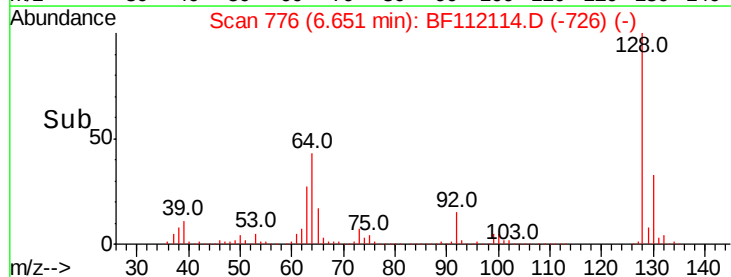
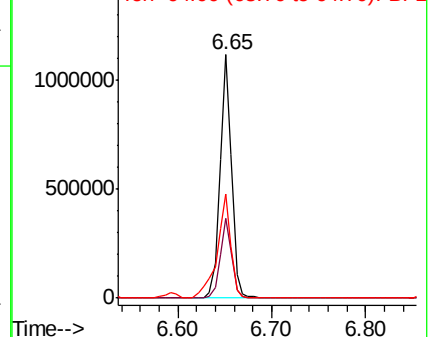
128 100

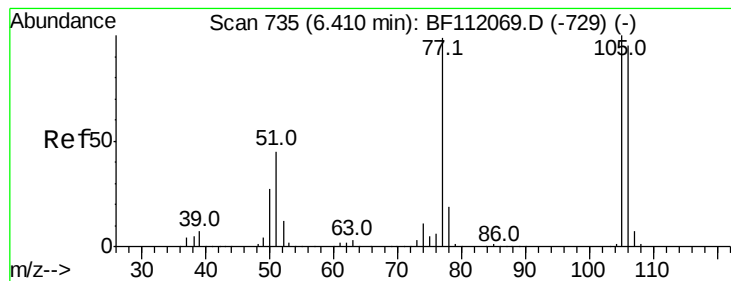
130 33.0 13.4 53.4

64 43.0 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.192 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

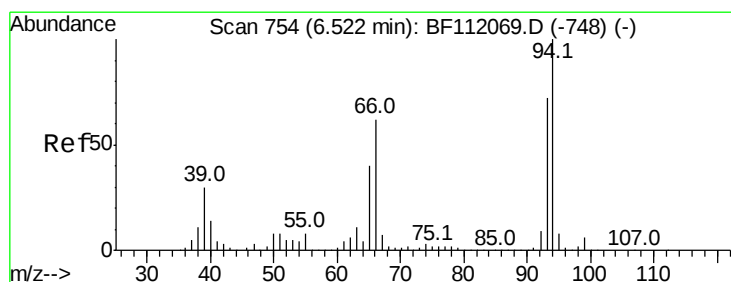
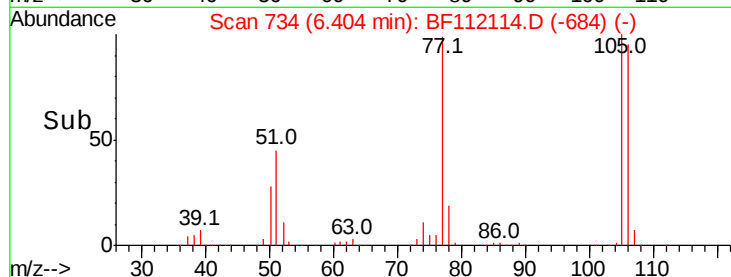
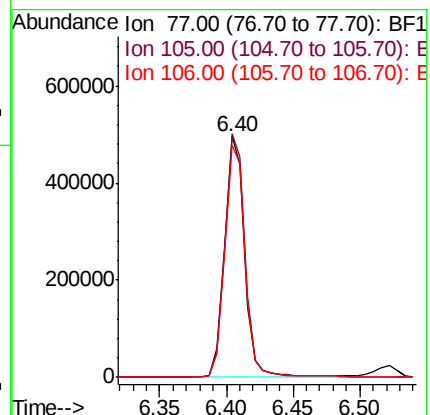
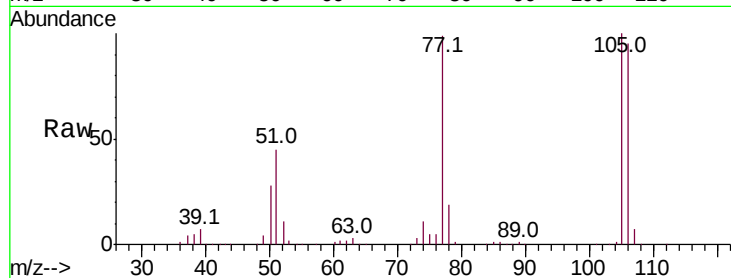
Tot Ion: 77 Resp: 527848

Ion Ratio Lower Upper

77 100

105 101.1 80.8 120.8

106 96.6 75.7 115.7



#10

Phenol

Concen: 37.312 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

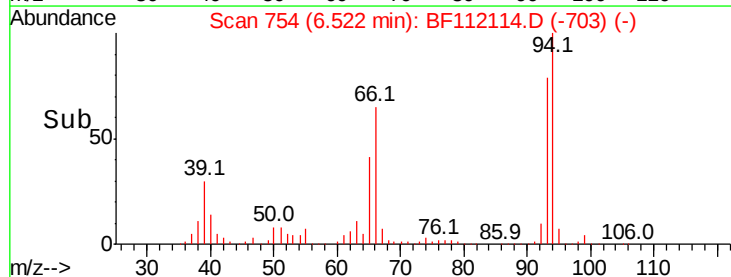
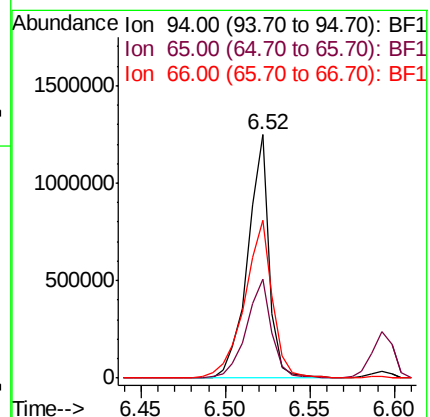
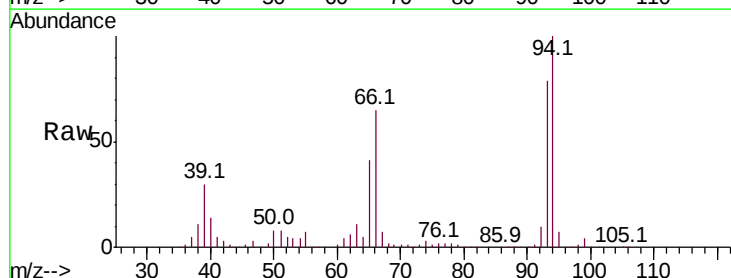
Tgt Ion: 94 Resp: 1108830

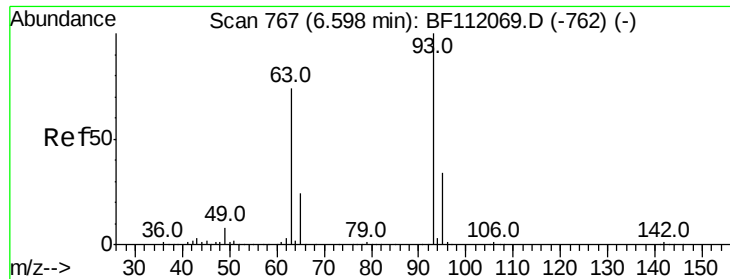
Ion Ratio Lower Upper

94 100

65 40.8 20.3 60.3

66 64.6 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 38.607 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

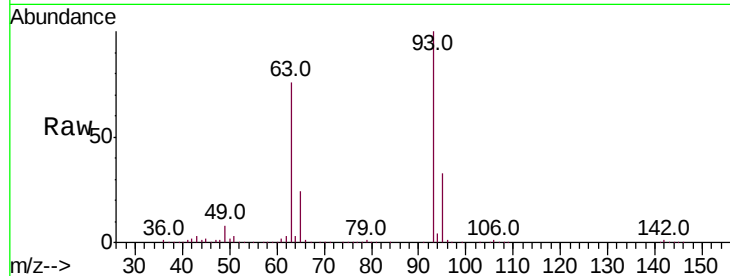
Tot Ion: 93 Resp: 912238

Ion Ratio Lower Upper

93 100

63 76.2 53.3 93.3

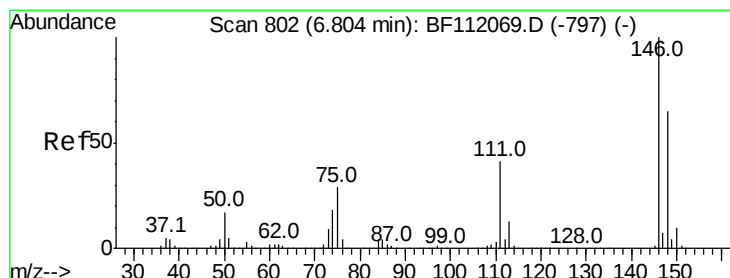
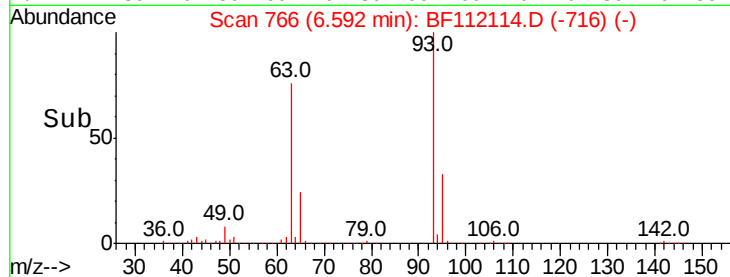
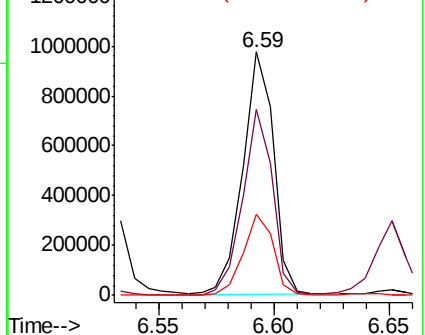
95 33.3 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.488 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

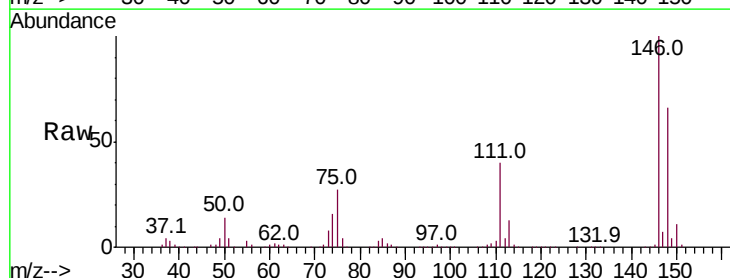
Tgt Ion: 146 Resp: 1108675

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

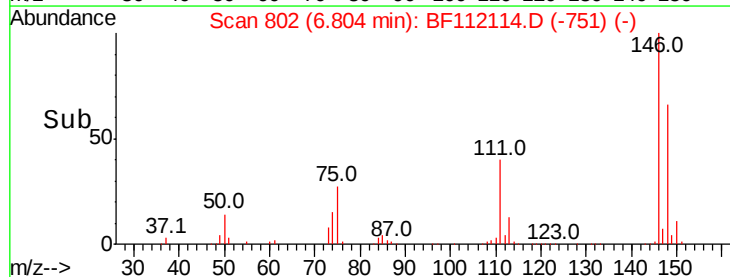
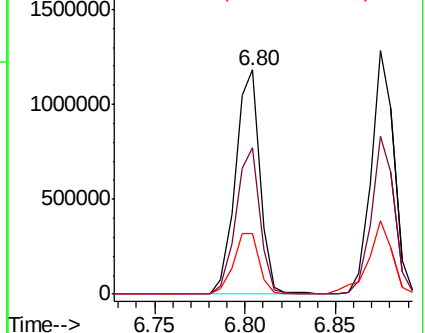
75 27.0 23.1 34.7

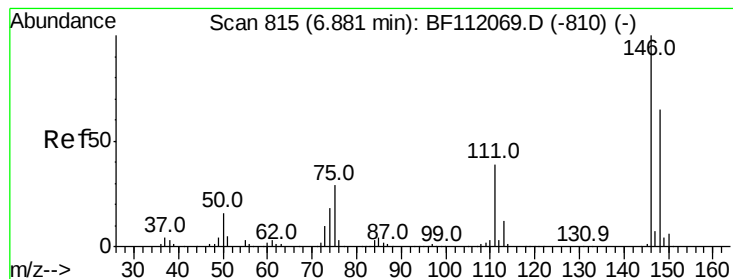


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.345 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

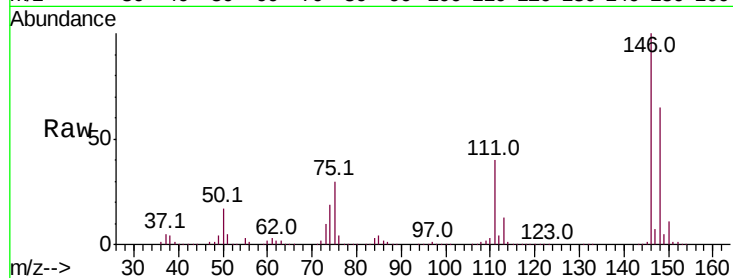
Tot Ion:146 Resp: 1129826

Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

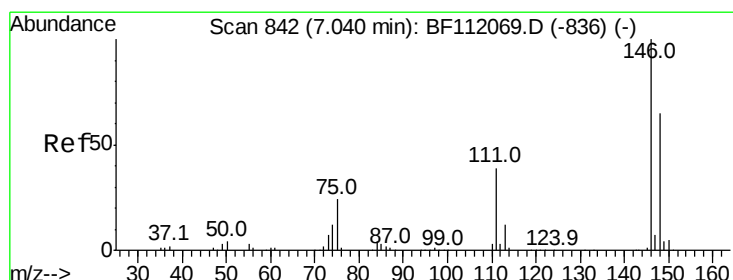
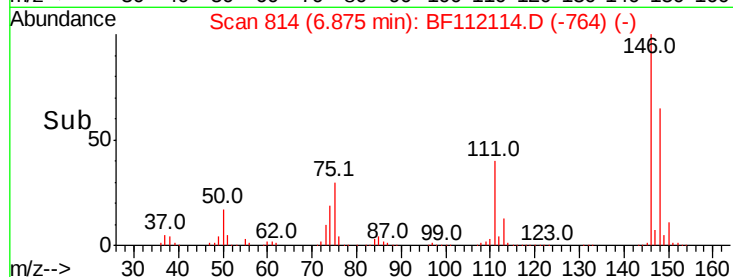
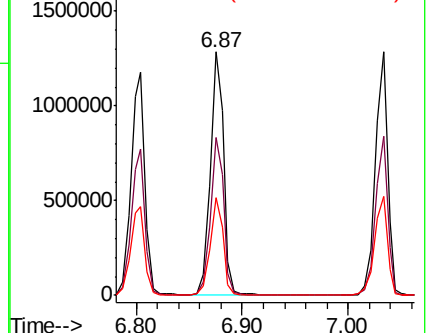
111 40.1 31.2 46.8



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: 38.081 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

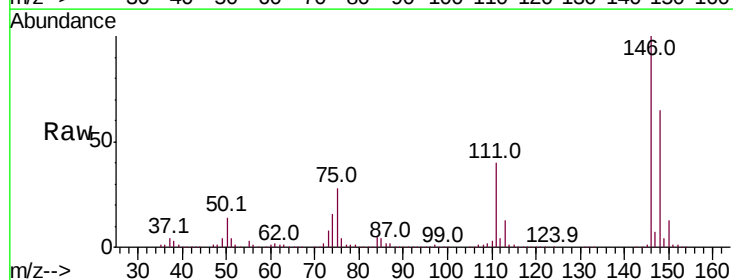
Tgt Ion:146 Resp: 1033560

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

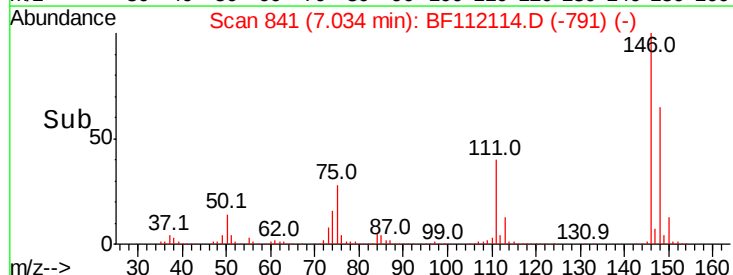
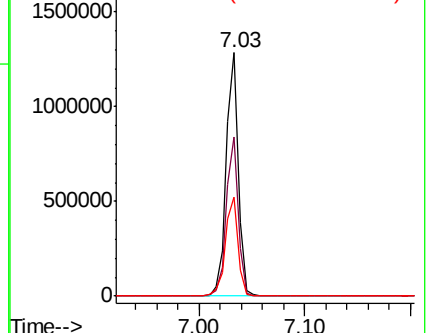
111 40.5 31.2 46.8

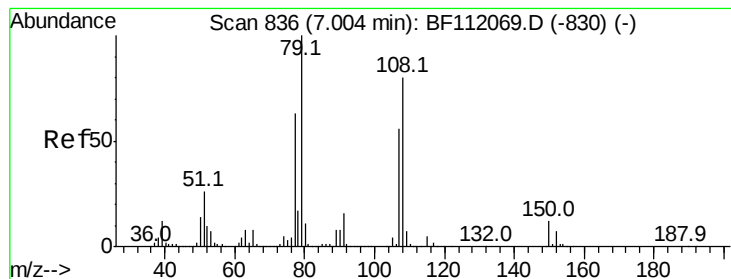


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.459 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

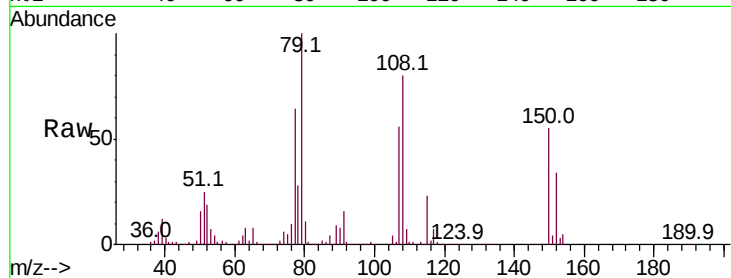
Tot Ion: 79 Resp: 799397

Ion Ratio Lower Upper

79 100

108 80.4 64.2 96.2

77 63.9 50.3 75.5

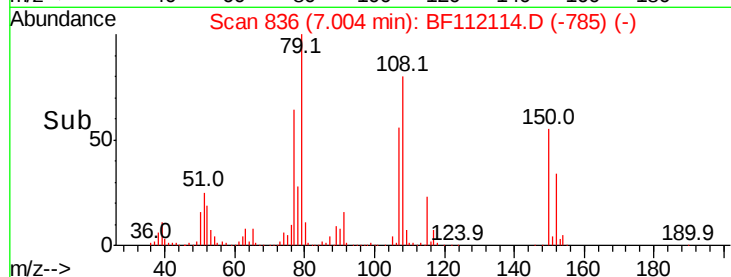


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->

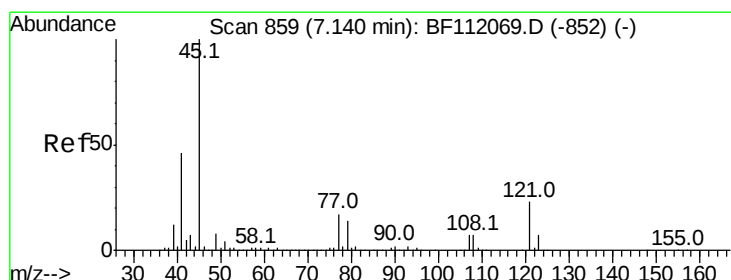


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.136 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

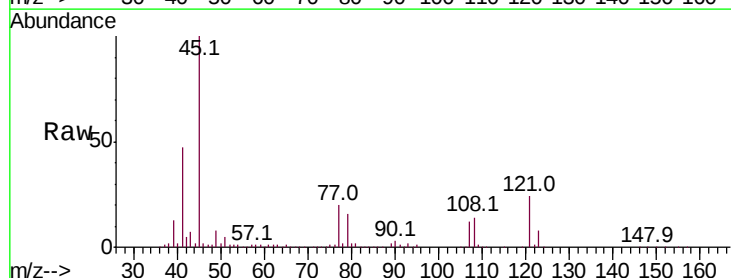
Tgt Ion: 45 Resp: 1265400

Ion Ratio Lower Upper

45 100

77 19.5 0.0 36.9

79 16.2 0.0 34.0

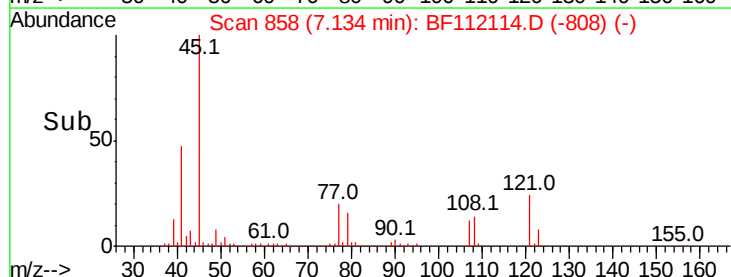


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

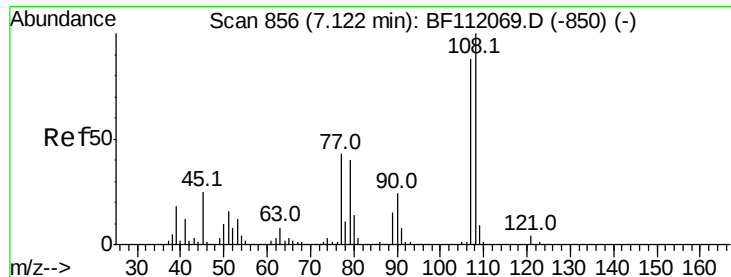


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

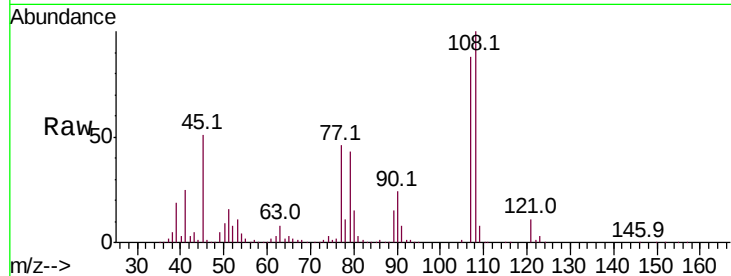
Time-->



#17
2-Methylphenol
Concen: 39.342 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	745756
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.3	136.9
77	52.8	39.0	58.6
79	49.3	37.0	55.4



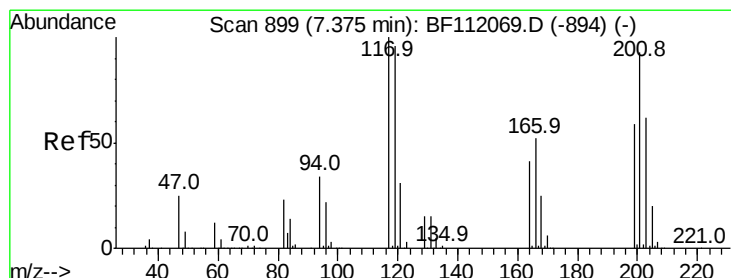
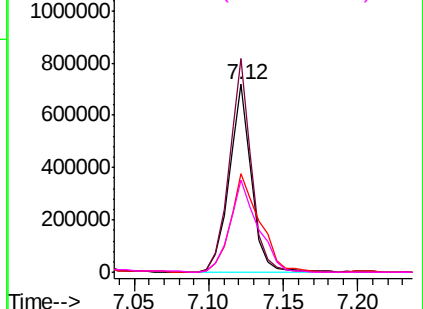
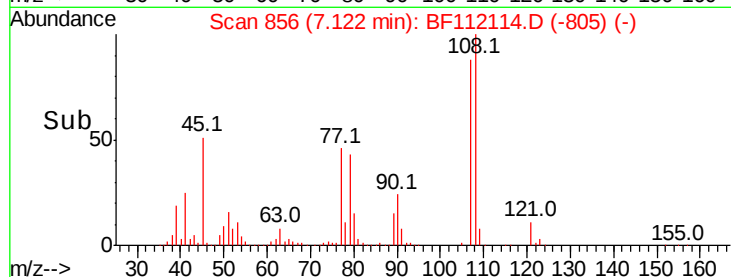
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

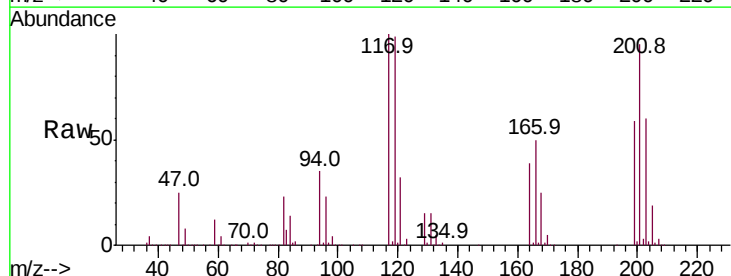
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.236 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion:	117	Resp:	395688
Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.0	115.4
201	95.1	74.1	111.1

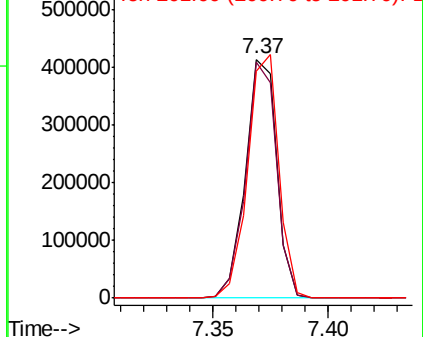
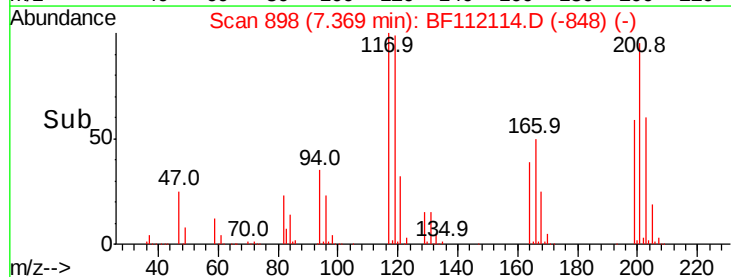


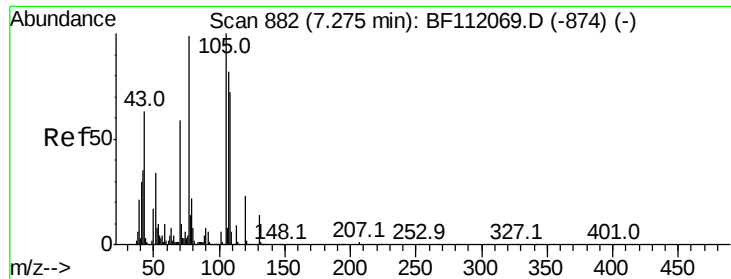
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

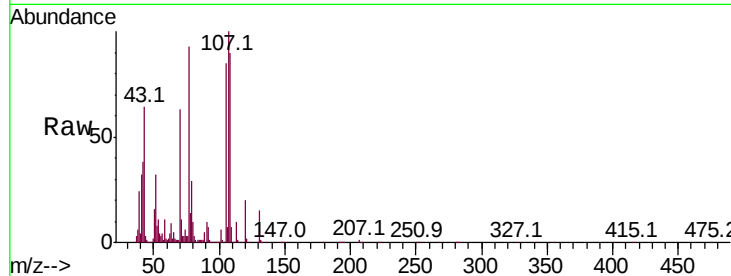




#19
n-Nitroso-di-n-propylamine
Concen: 38.435 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.6	71.4
101	10.0	7.9	11.9
130	23.7	18.4	27.6



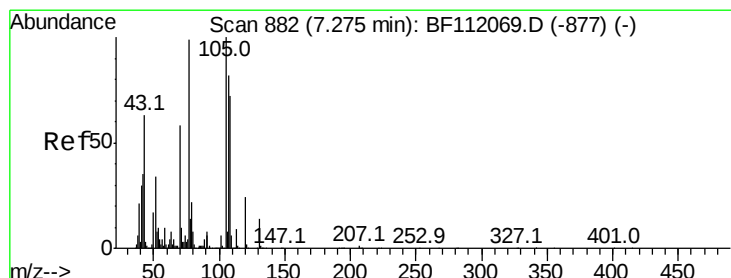
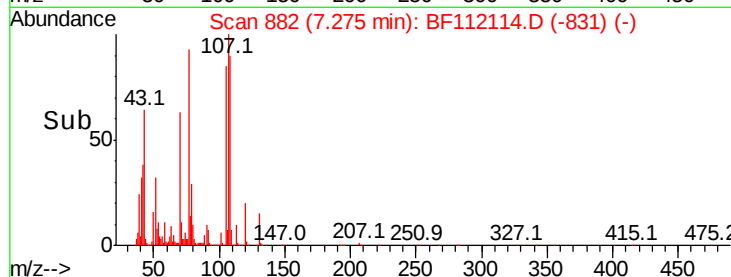
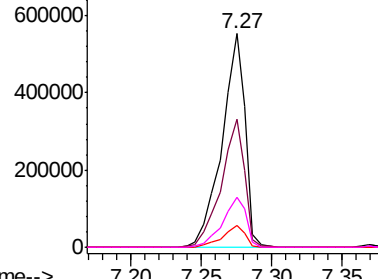
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.710 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	93.5	100.7	140.7#
79	29.5	7.3	47.3

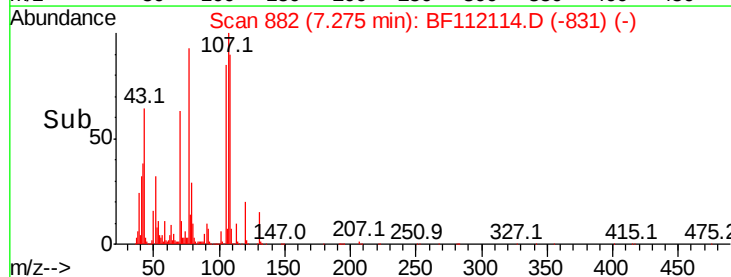
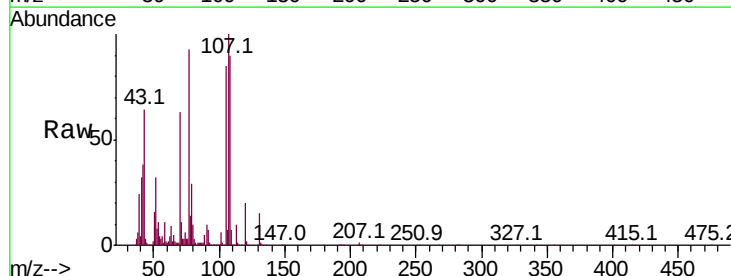
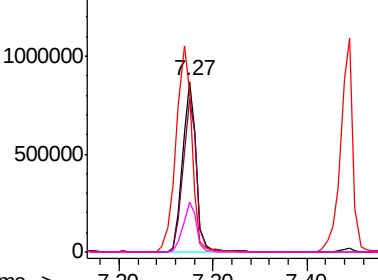
Abundance

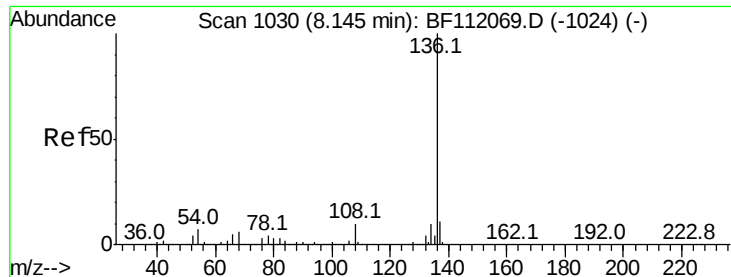
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



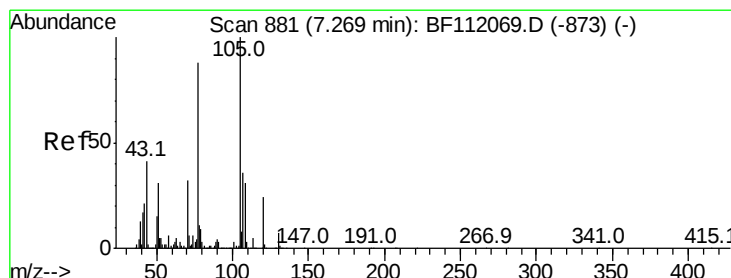
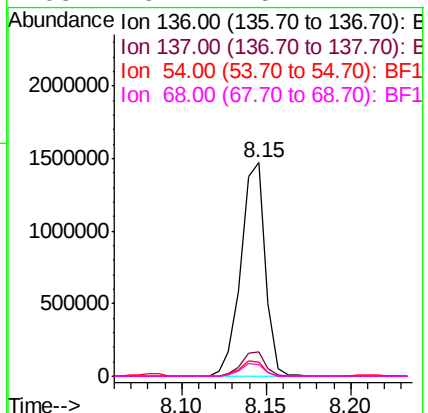
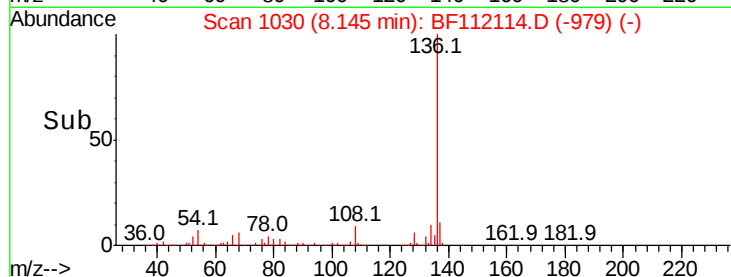
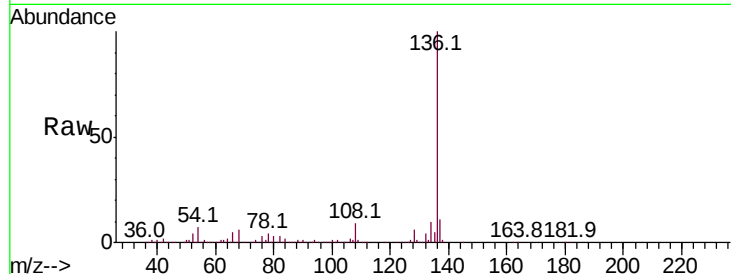


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136 Resp: 1488427

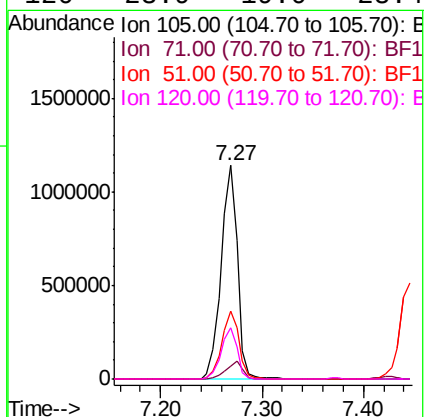
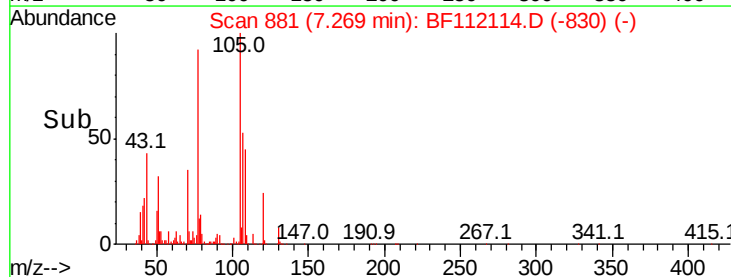
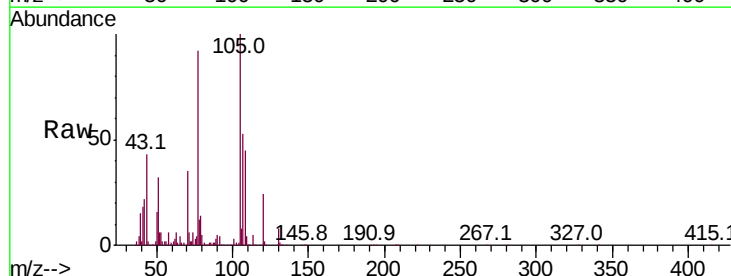
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.6	5.9	8.9
68	5.7	5.1	7.7

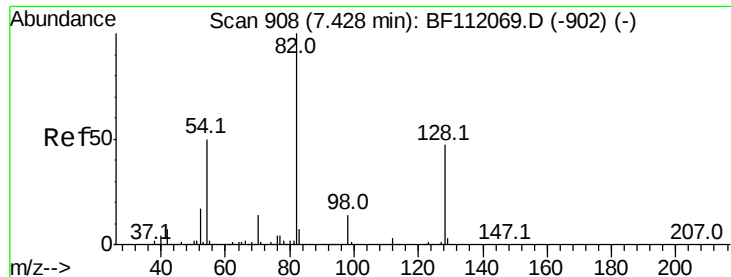


#22
Acetophenone
Concen: 37.084 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion:105 Resp: 1278751

Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.6	6.8
51	31.9	25.0	37.6
120	23.9	19.0	28.4

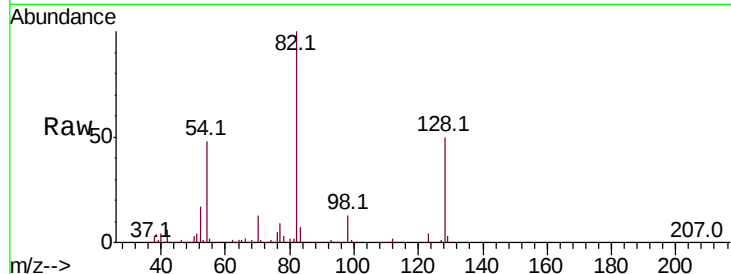




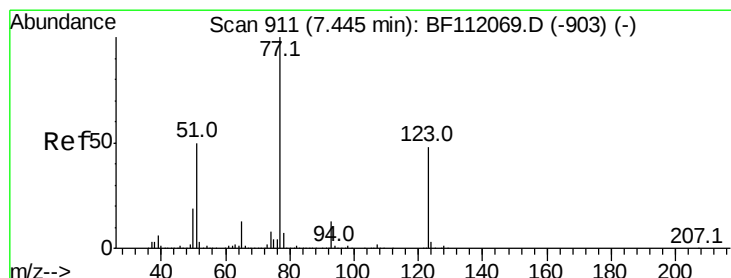
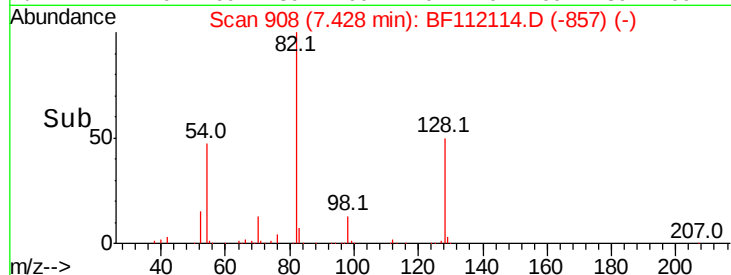
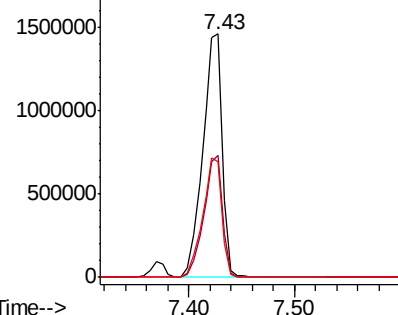
#23
Nitrobenzene-d5
Concen: 87.298 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1880716
Ion Ratio Lower Upper
82 100
128 50.0 37.8 56.8
54 47.7 39.7 59.5

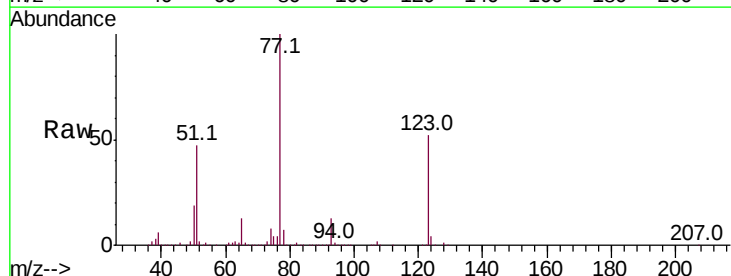


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

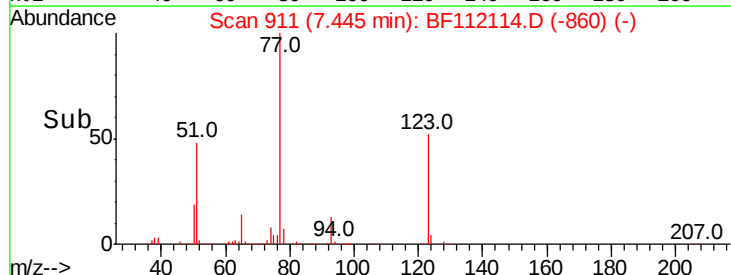
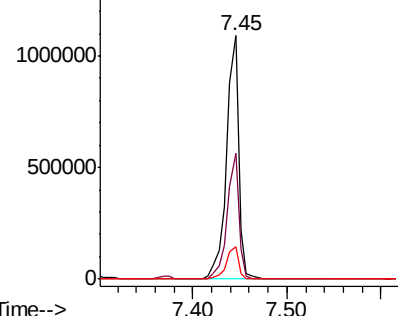


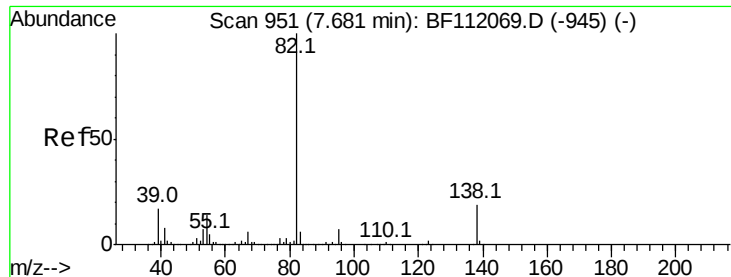
#24
Nitrobenzene
Concen: 42.744 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion: 77 Resp: 975944
Ion Ratio Lower Upper
77 100
123 51.8 38.4 57.6
65 13.2 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
1500000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

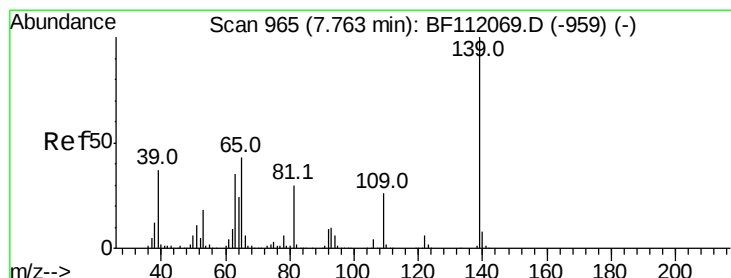
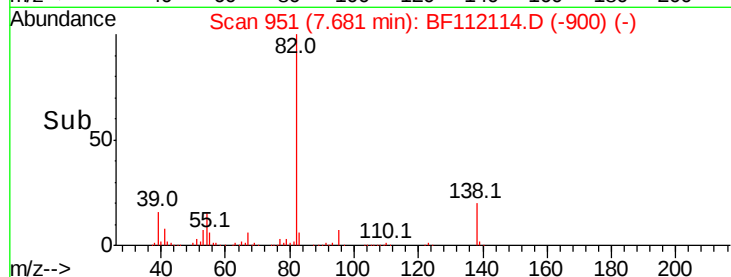
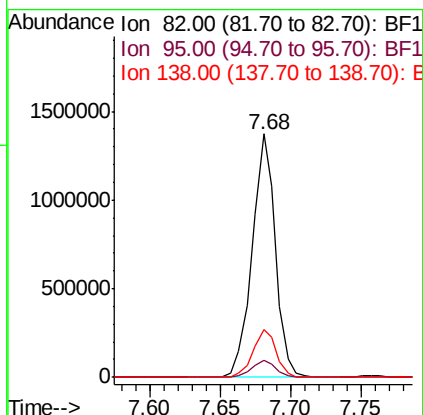
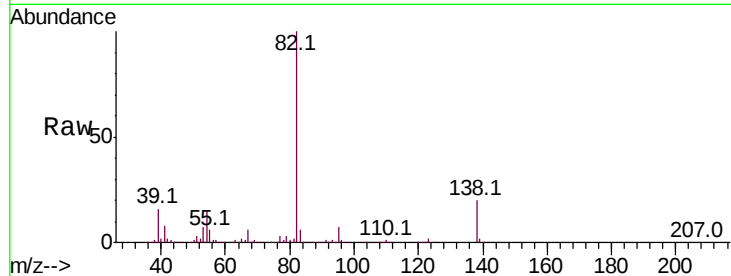




#25
Isophorone
Concen: 38.204 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

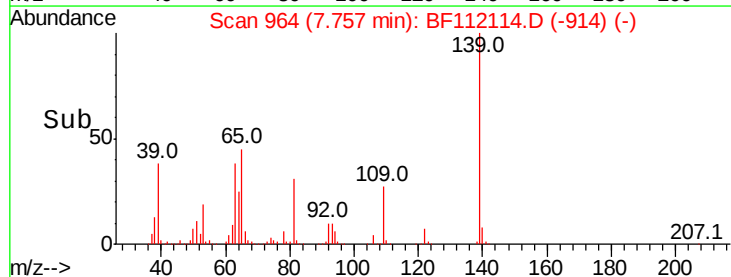
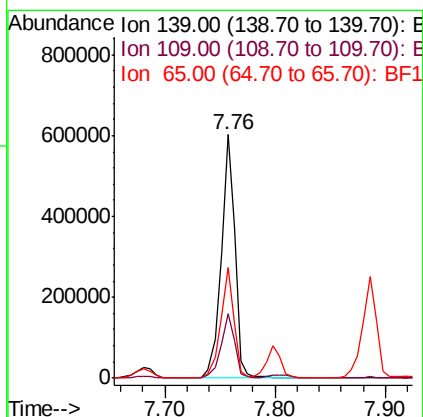
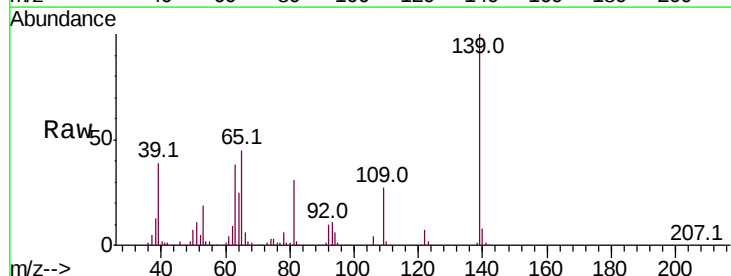
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

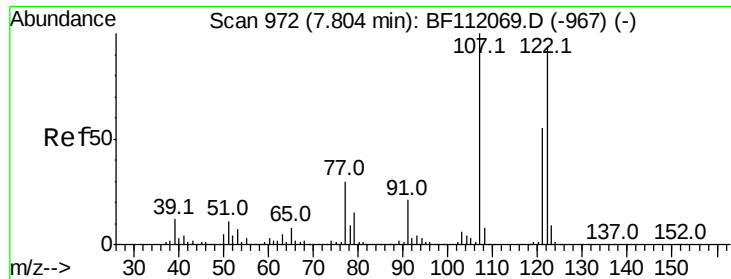
Tot Ion: 82 Resp: 1589752
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.9 15.4 23.0



#26
2-Nitrophenol
Concen: 44.940 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion: 139 Resp: 522208
Ion Ratio Lower Upper
139 100
109 26.7 20.8 31.2
65 45.4 34.4 51.6

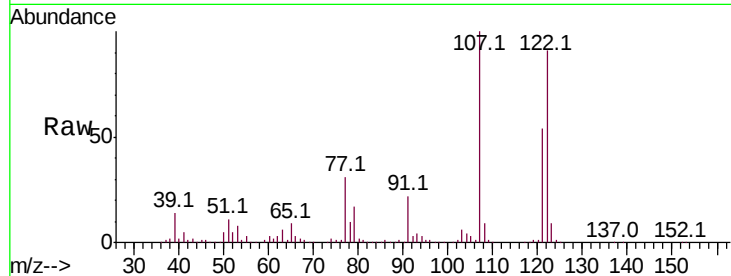




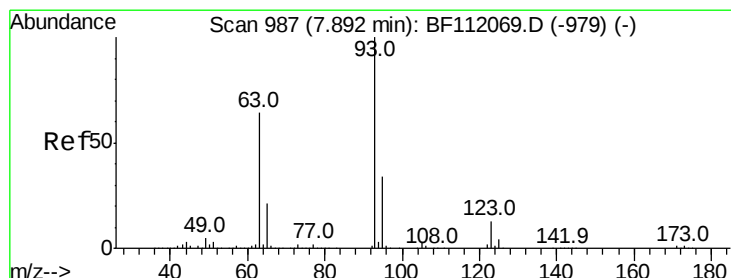
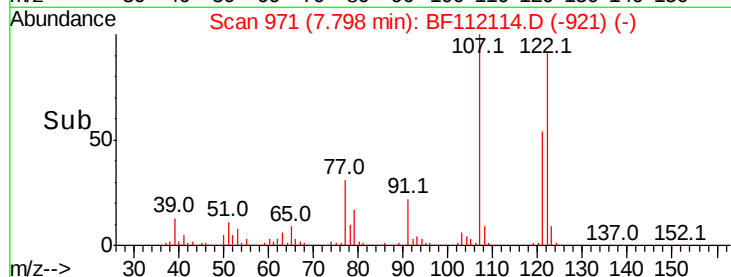
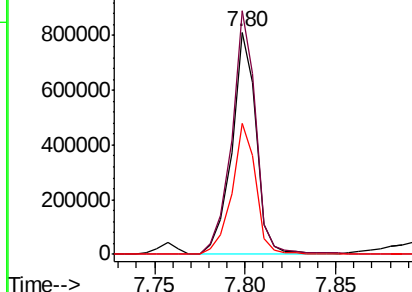
#27
2,4-Dimethylphenol
Concen: 38.996 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 753233
Ion Ratio Lower Upper
122 100
107 109.6 85.4 128.0
121 59.2 47.0 70.4

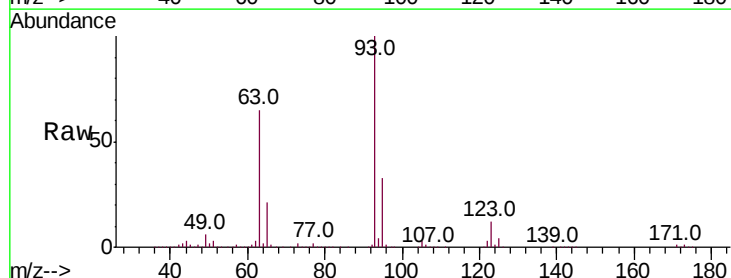


Abundance Ion 122.00 (121.70 to 122.70): E
1200000
Ion 107.00 (106.70 to 107.70): E
1000000
Ion 121.00 (120.70 to 121.70): E
800000
600000
400000
200000
0

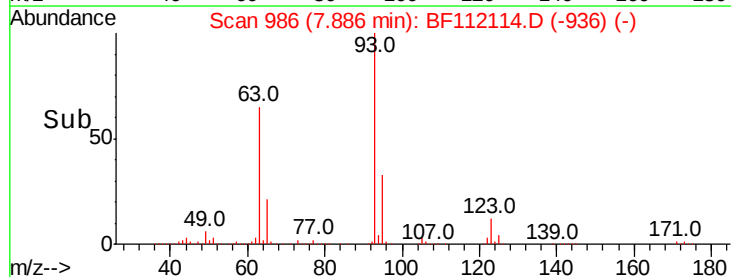
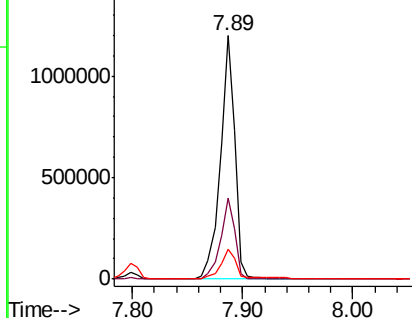


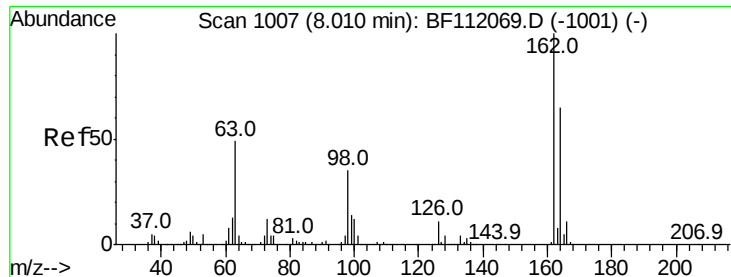
#28
bis(2-Chloroethoxy)methane
Concen: 38.299 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion: 93 Resp: 1093201
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.4 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
1000000
Ion 123.00 (122.70 to 123.70): E
500000
0

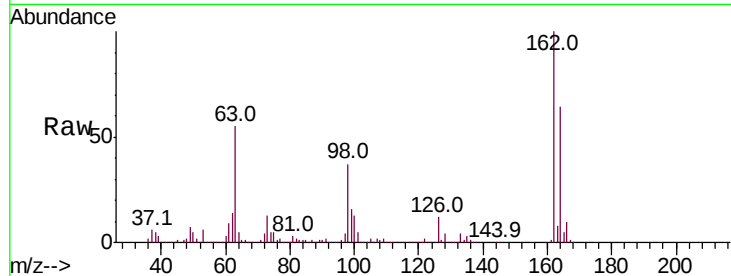




#29
2,4-Dichlorophenol
Concen: 39.771 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	37.0	14.6	54.6

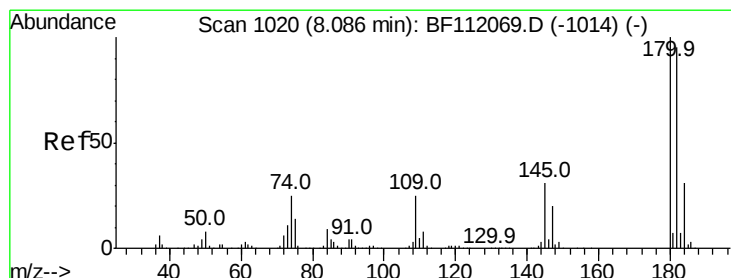
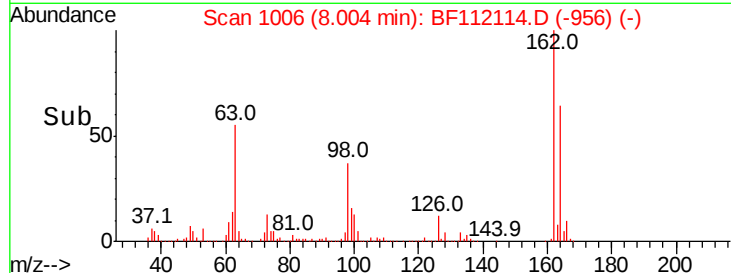
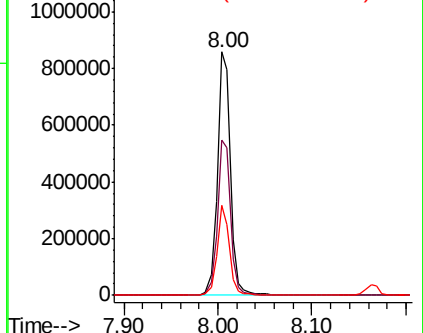


Abundance

Ion 162.00 (161.70 to 162.70): E

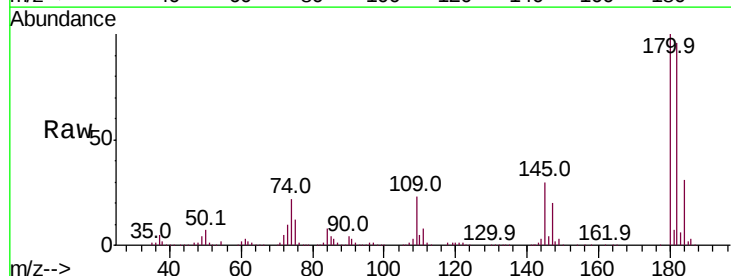
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.751 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.4	114.6
145	30.4	25.0	37.4

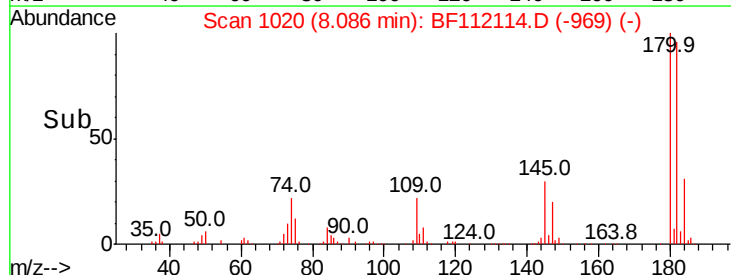
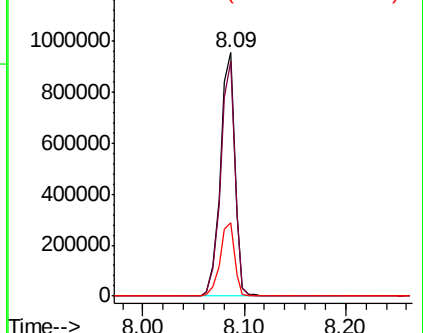


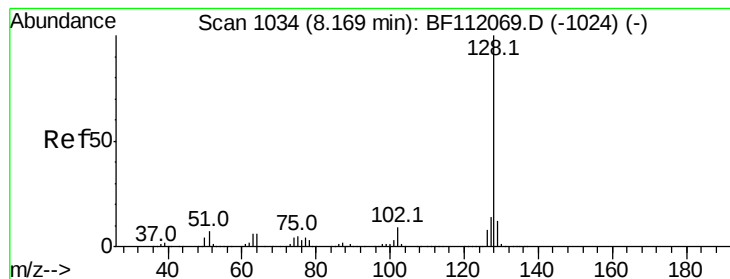
Abundance

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: 37.579 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

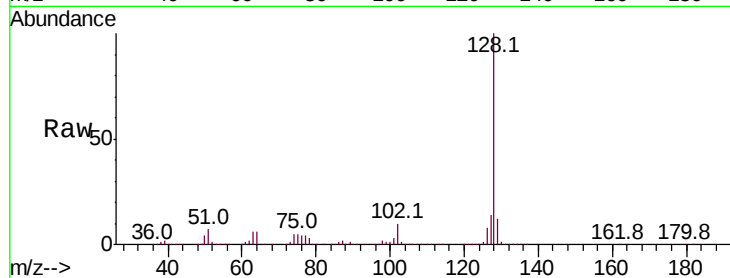
Tot Ion:128 Resp: 2544005

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

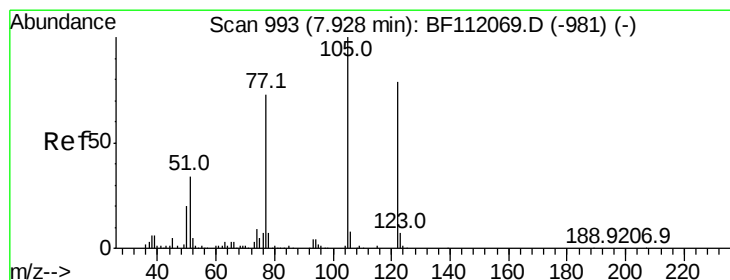
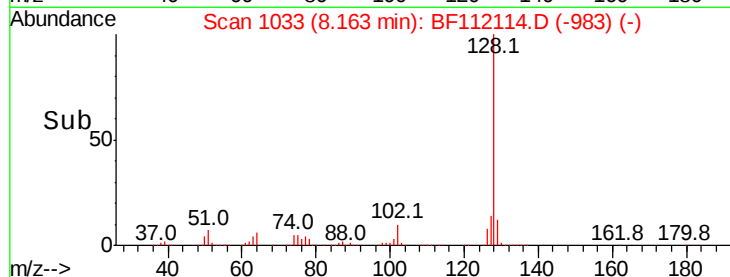
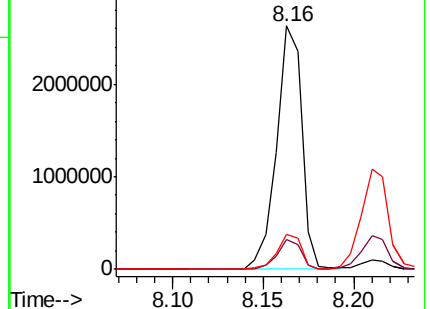
127 14.5 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.793 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

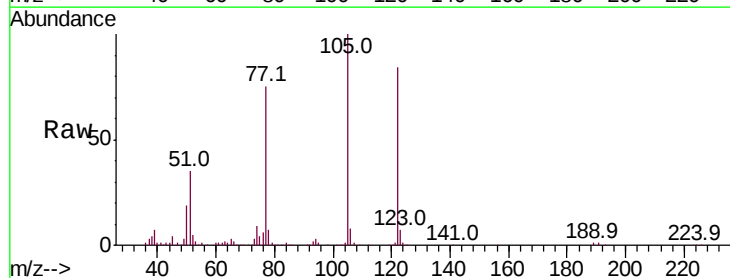
Tgt Ion:122 Resp: 349641

Ion Ratio Lower Upper

122 100

105 118.7 101.2 141.2

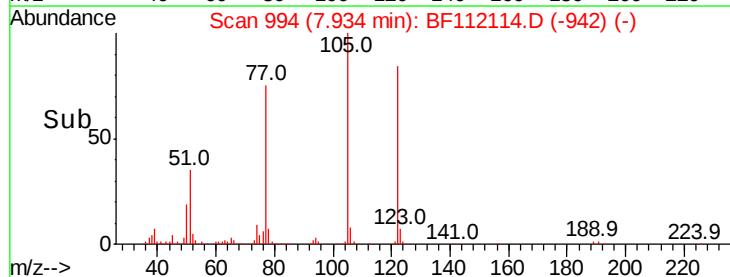
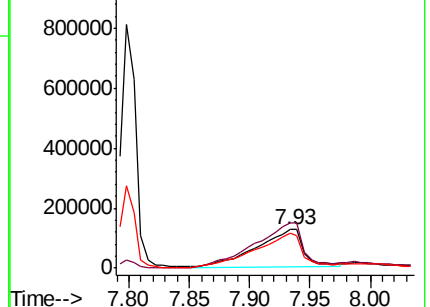
77 89.2 70.4 110.4

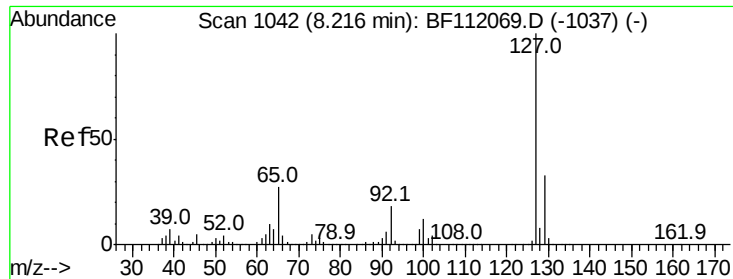


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

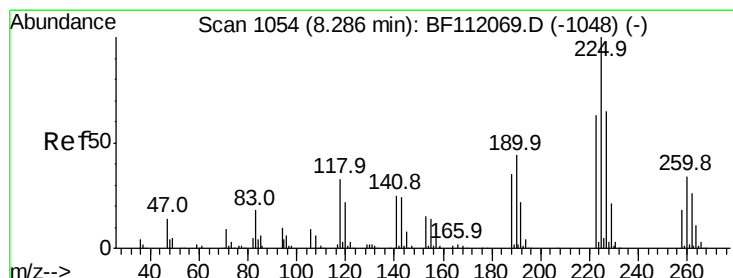
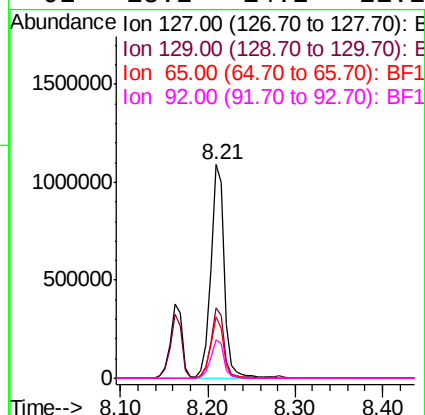
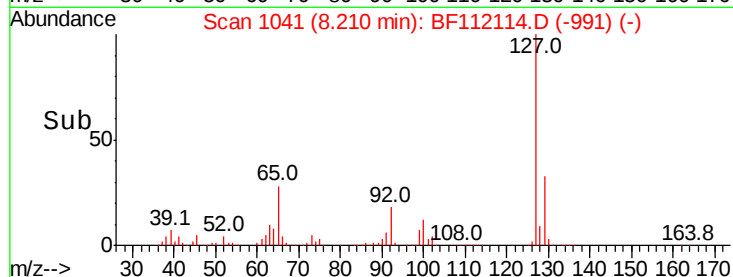
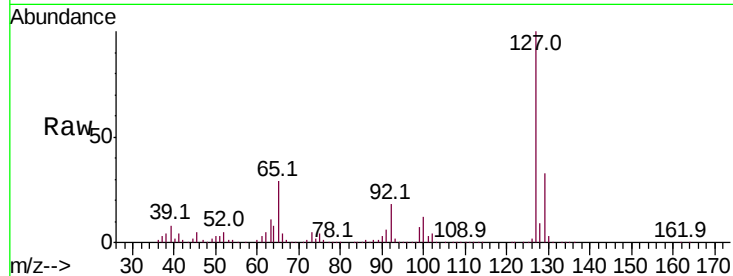




#33
4-Chloroaniline
Concen: 38.266 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

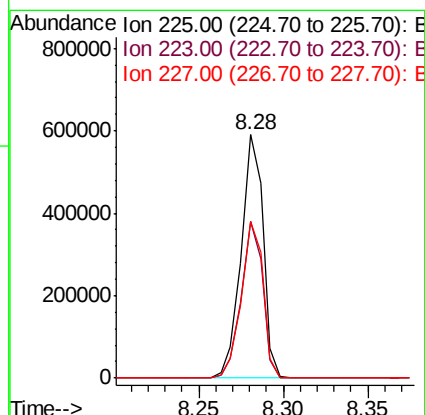
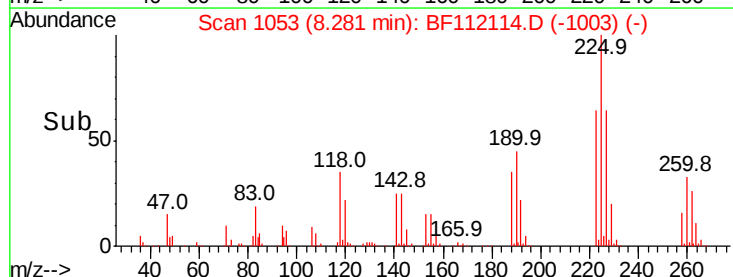
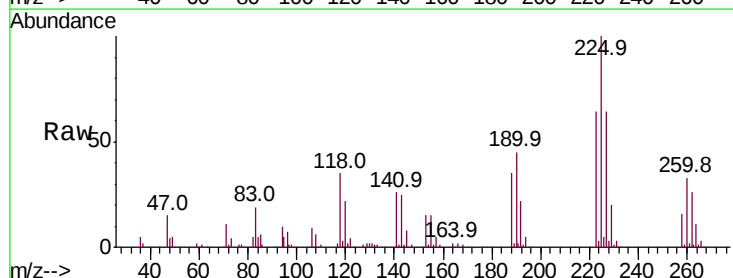
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

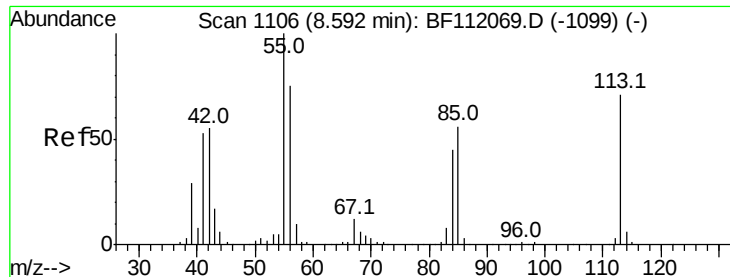
Tot Ion:	127	Resp:	1164235
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8
65	28.8	21.4	32.2
92	18.2	14.2	21.2



#34
Hexachlorobutadiene
Concen: 39.096 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion:	225	Resp:	532765
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.3	75.5
227	64.4	51.8	77.8





#35

Caprolactam

Concen: 39.241 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

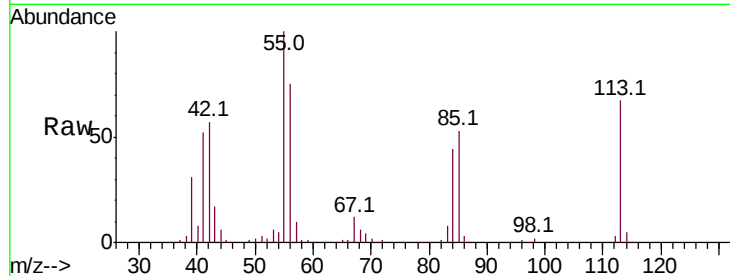
Tot Ion:113 Resp: 289797

Ion Ratio Lower Upper

113 100

55 150.2 121.6 161.6

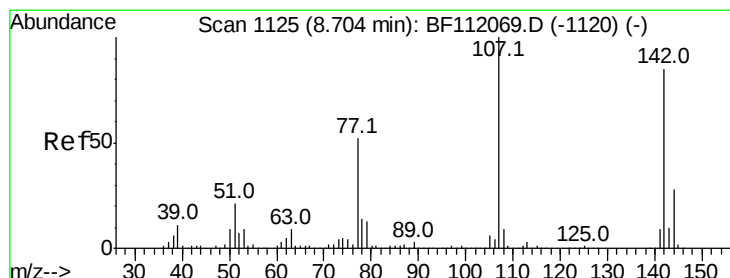
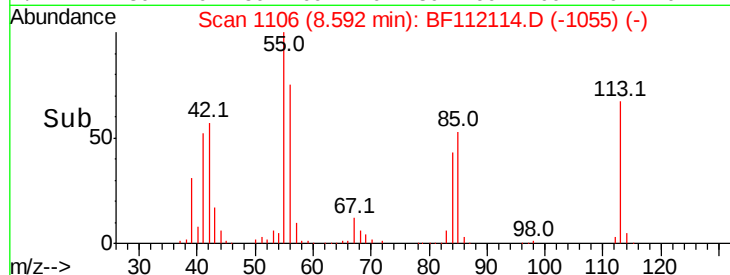
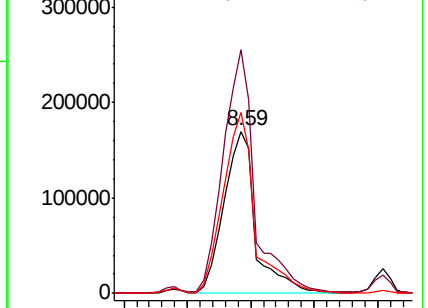
56 111.9 86.7 126.7



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: 39.131 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

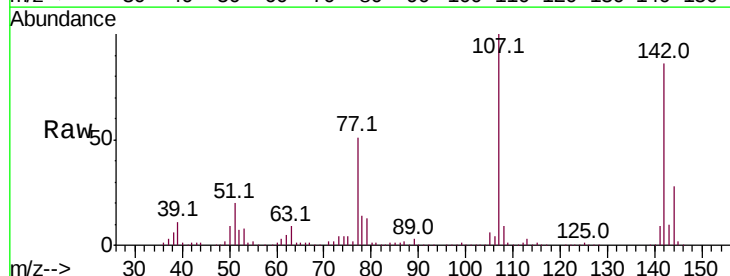
Tgt Ion:107 Resp: 806448

Ion Ratio Lower Upper

107 100

144 28.3 22.2 33.2

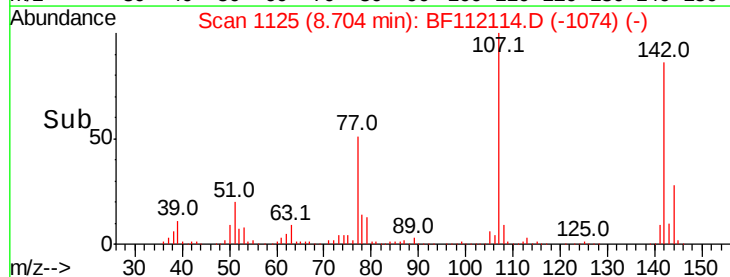
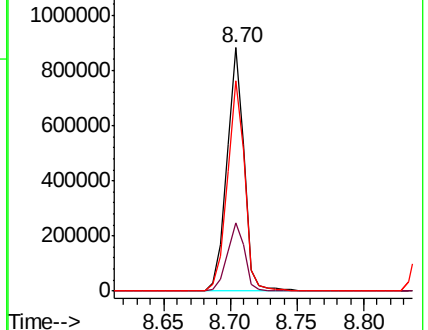
142 86.4 67.7 101.5

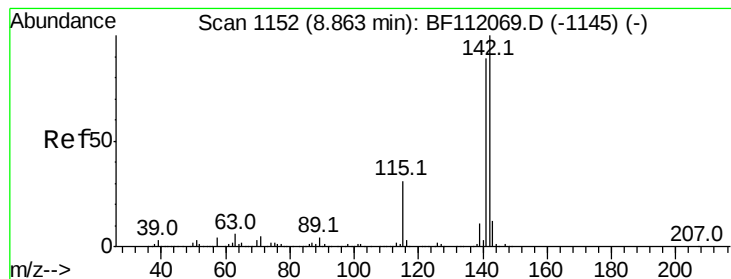


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.935 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

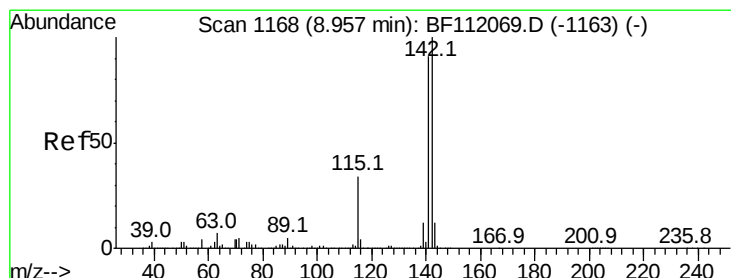
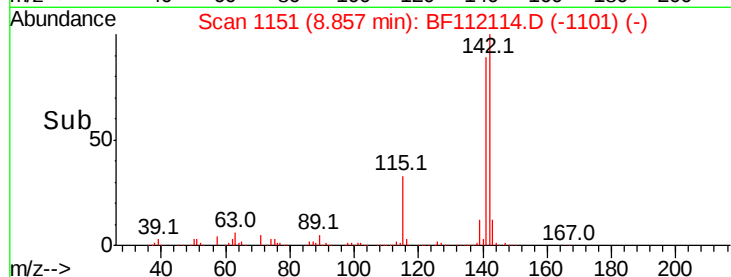
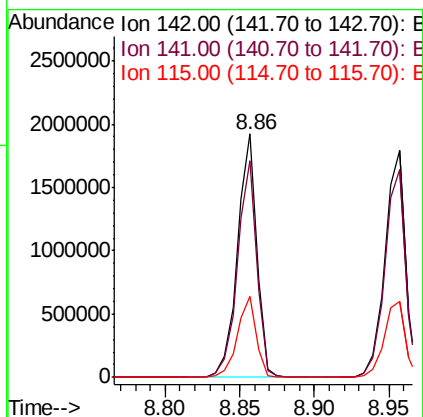
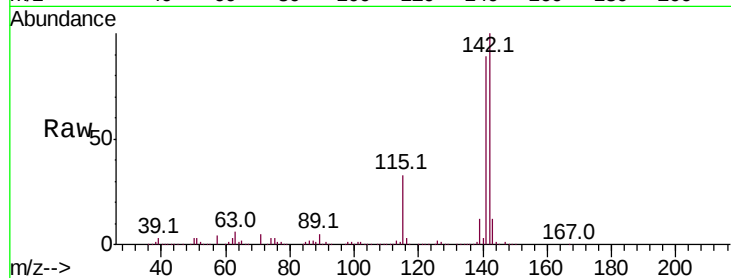
Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1743913

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	33.1	24.9	37.3



#38

1-Methylnaphthalene

Concen: 37.672 ng

RT: 8.96 min Scan# 1168

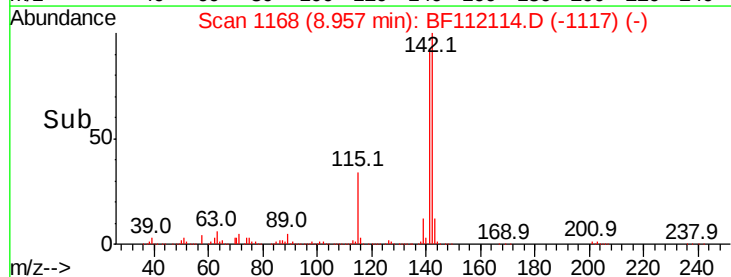
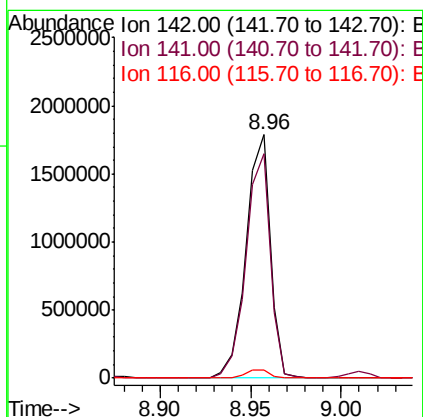
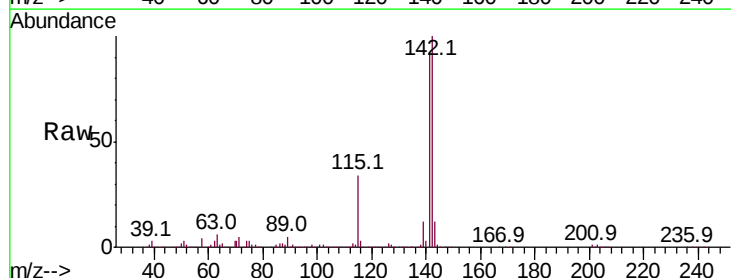
Delta R.T. -0.00 min

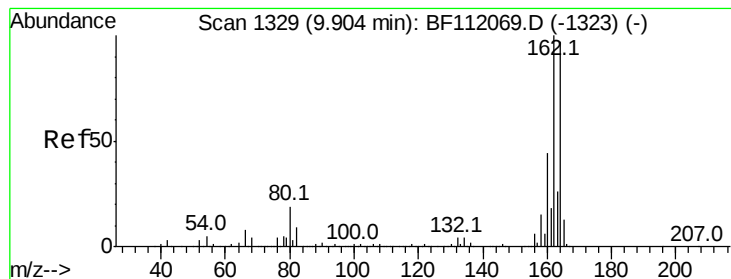
Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Tgt Ion:142 Resp: 1664345

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.6	108.8
116	3.5	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

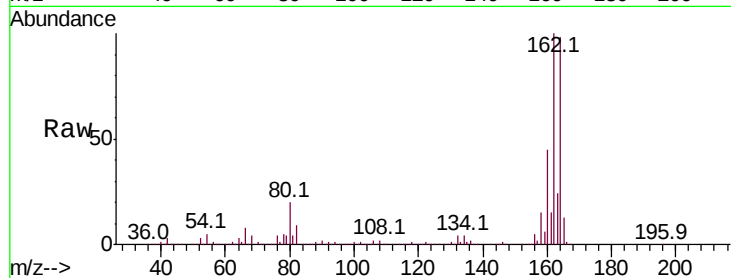
Tot Ion:164 Resp: 734044

Ion Ratio Lower Upper

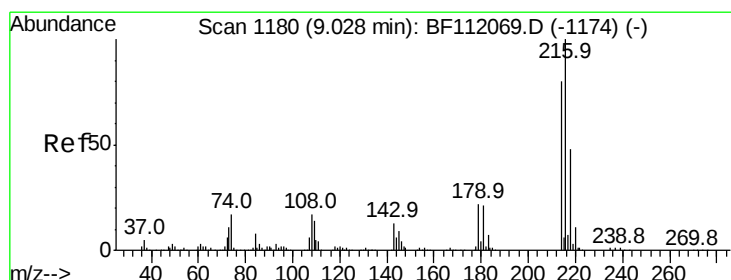
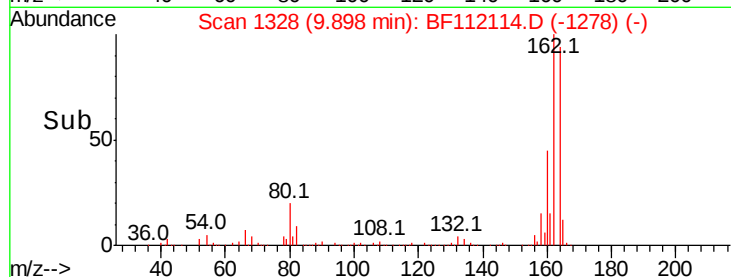
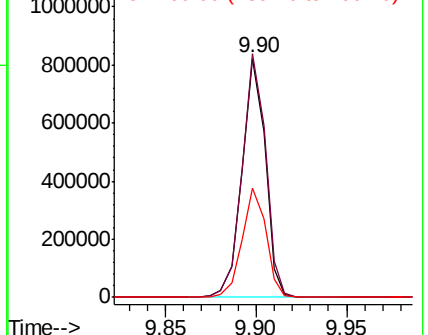
164 100

162 102.1 82.2 123.4

160 45.9 36.2 54.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.971 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Tgt Ion:216 Resp: 918580

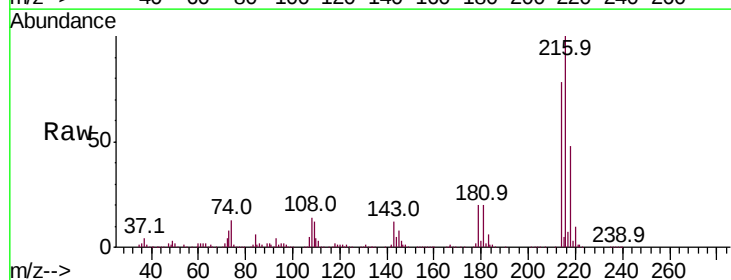
Ion Ratio Lower Upper

216 100

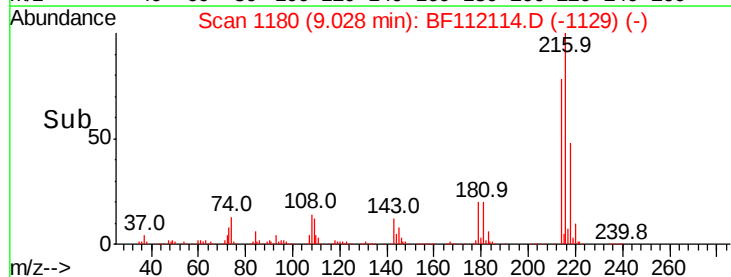
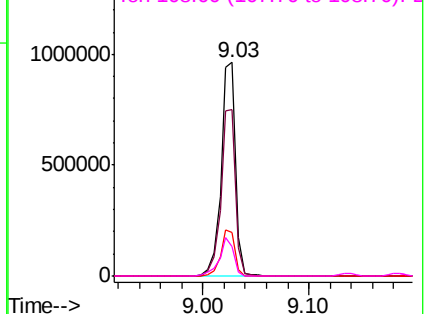
214 79.2 63.8 95.6

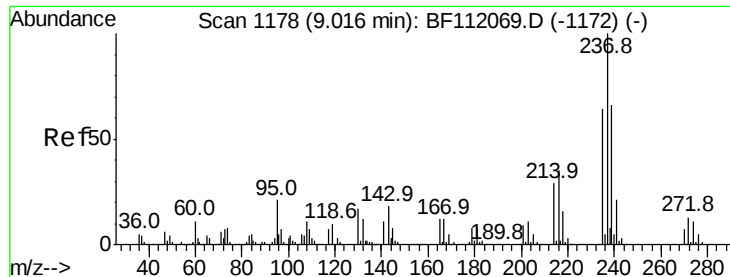
179 21.4 16.9 25.3

108 17.9 14.2 21.4



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





#41

Hexachlorocyclopentadiene

Concen: 39.198 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

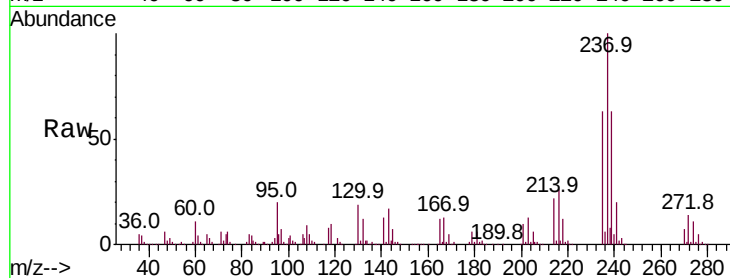
Tot Ion:237 Resp: 327306

Ion Ratio Lower Upper

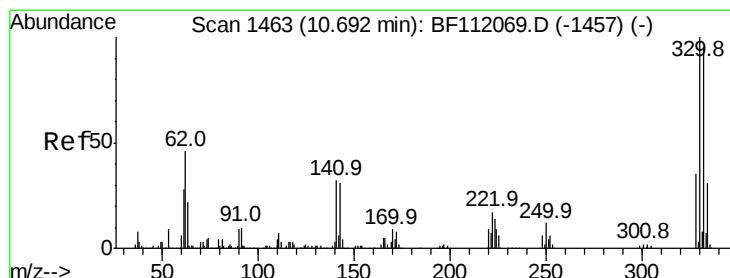
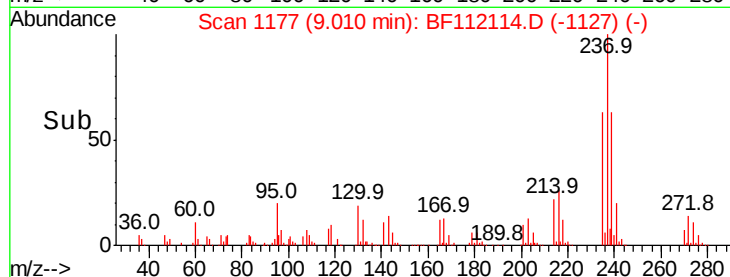
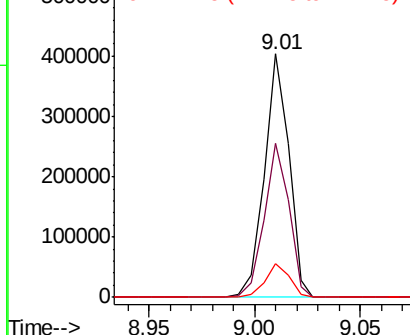
237 100

235 63.4 44.0 84.0

272 13.7 0.0 33.3



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: 82.646 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

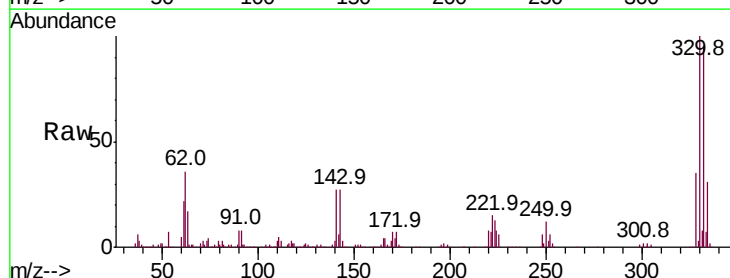
Tgt Ion:330 Resp: 654451

Ion Ratio Lower Upper

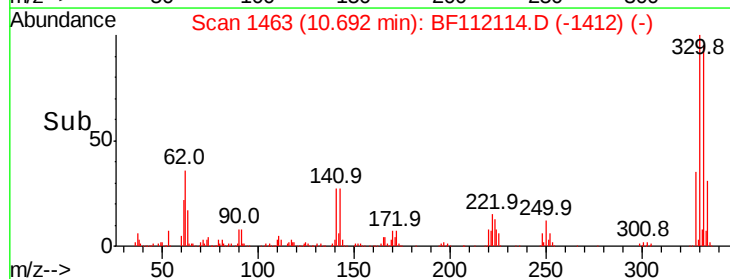
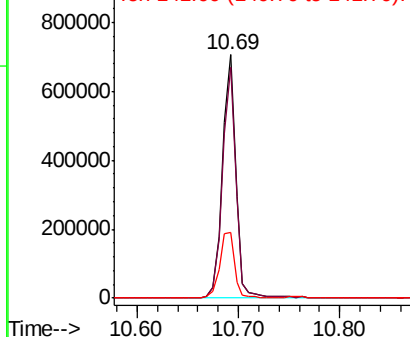
330 100

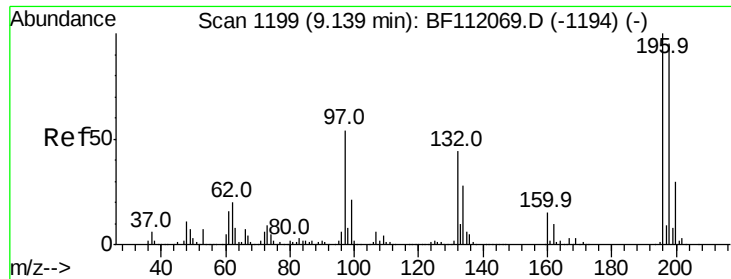
332 95.4 76.6 114.8

141 29.9 24.3 36.5



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

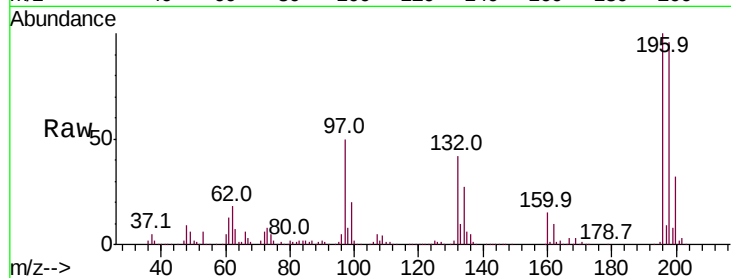




#43
 2,4,6-Trichlorophenol
 Concen: 42.243 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
200	31.9	24.3	36.5

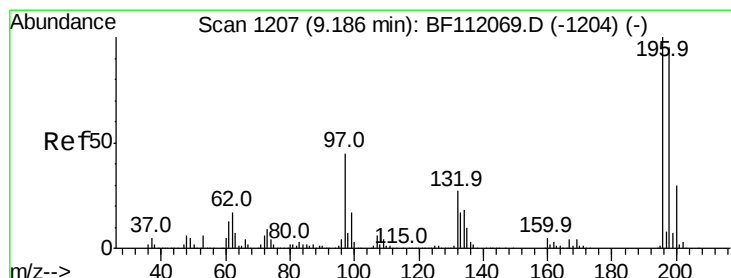
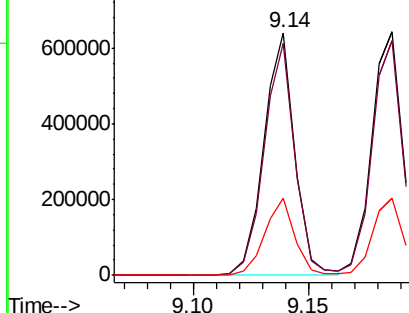
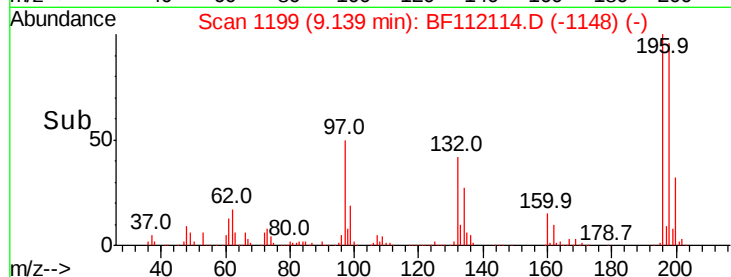


Abundance

Ion 196.00 (195.70 to 196.70): E

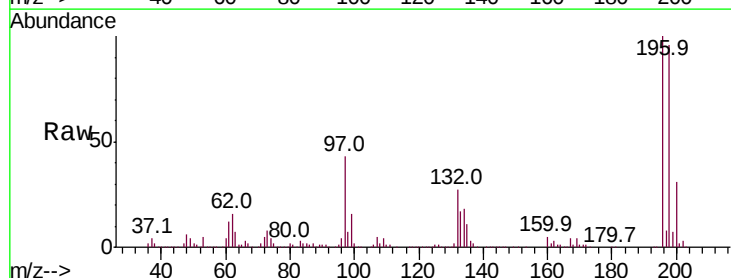
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.702 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.0	114.0
97	43.2	36.4	54.6
132	26.6	21.5	32.3



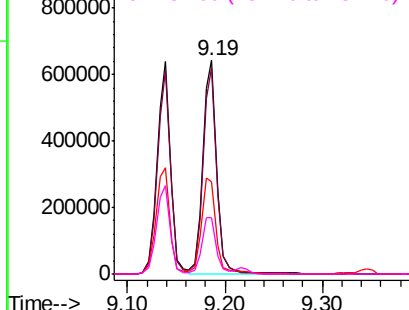
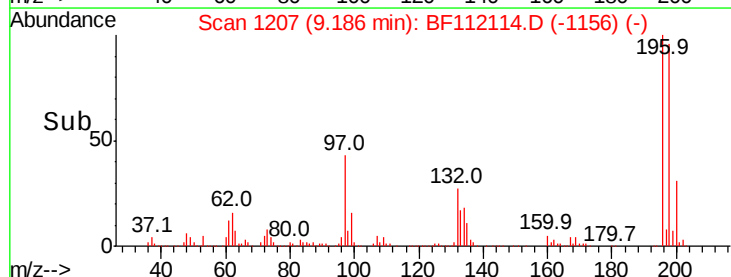
Abundance

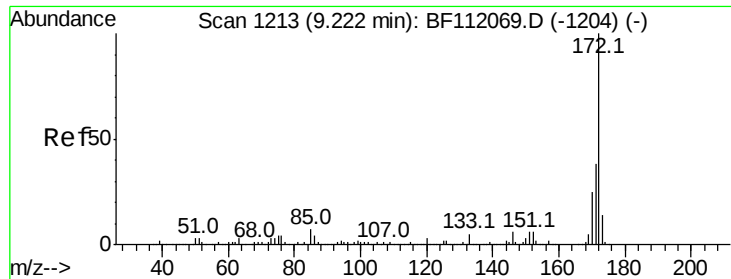
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

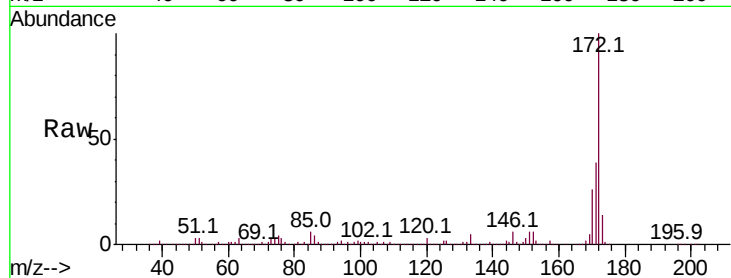




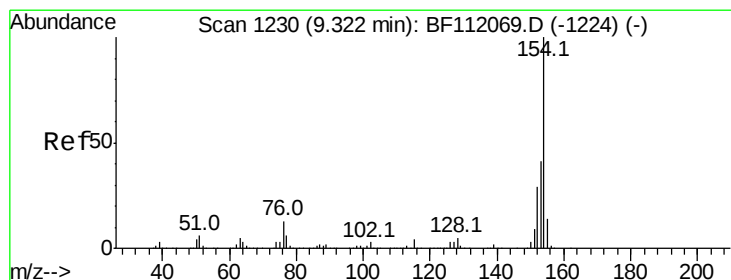
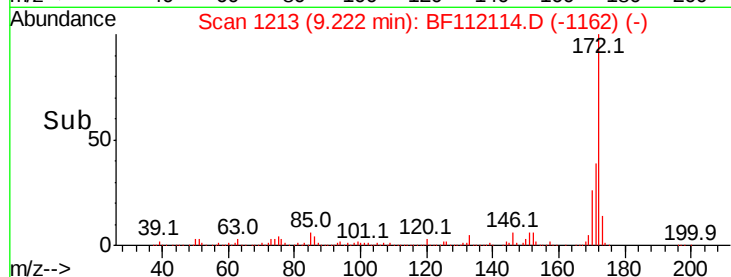
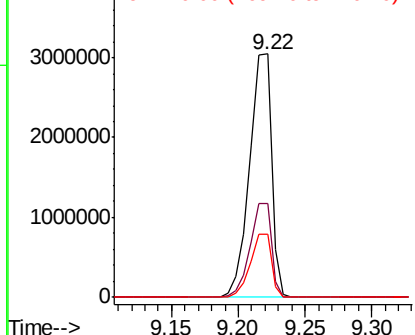
#45
2-Fluorobiphenyl
Concen: 68.673 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 3438297
Ion Ratio Lower Upper
172 100
171 38.6 30.5 45.7
170 26.0 20.2 30.4

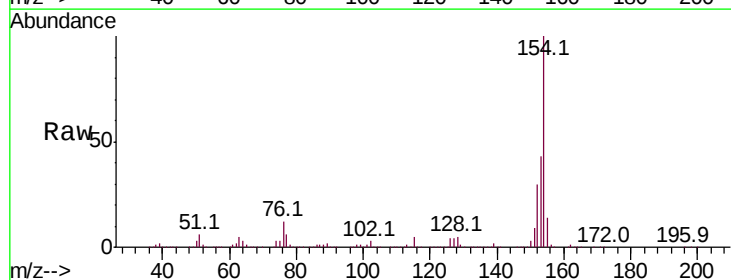


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

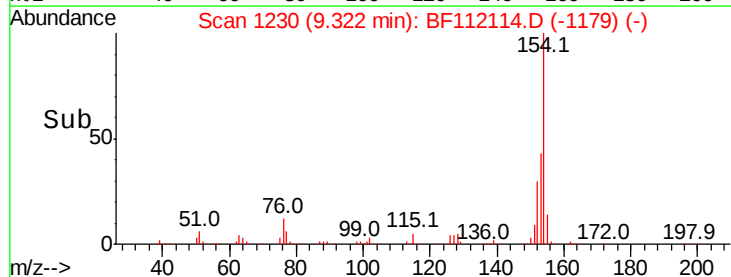
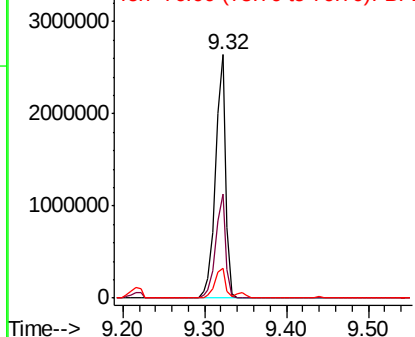


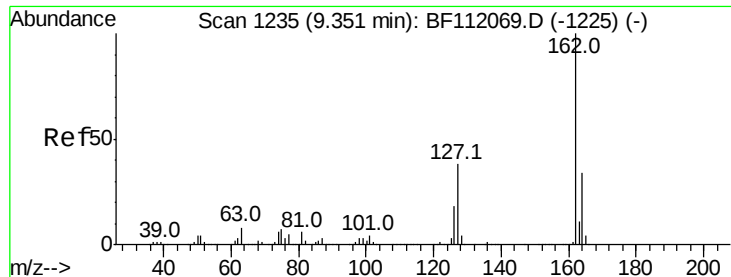
#46
1,1'-Biphenyl
Concen: 37.370 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion:154 Resp: 2293703
Ion Ratio Lower Upper
154 100
153 42.6 21.5 61.5
76 12.3 0.0 33.1



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

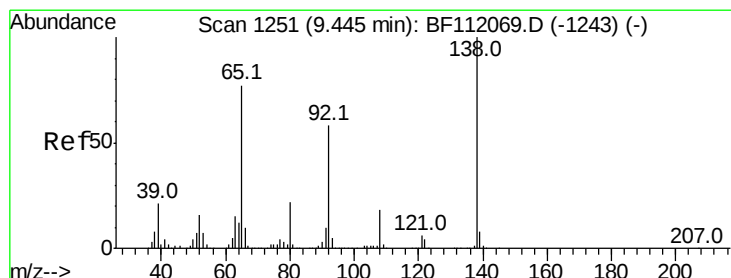
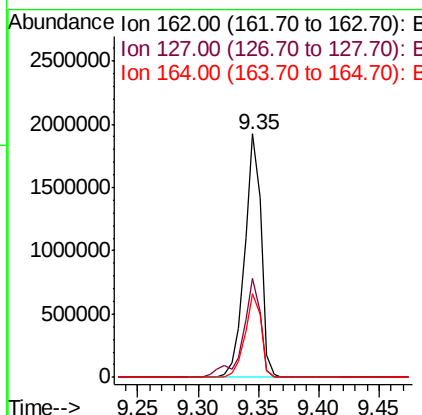
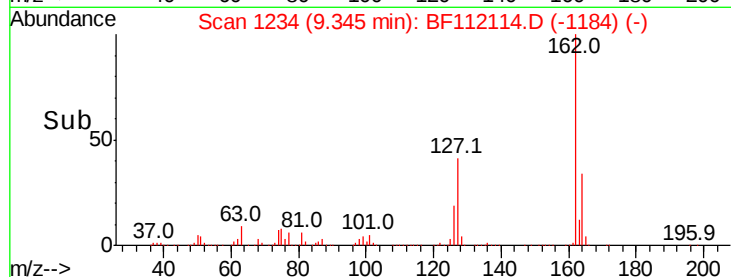
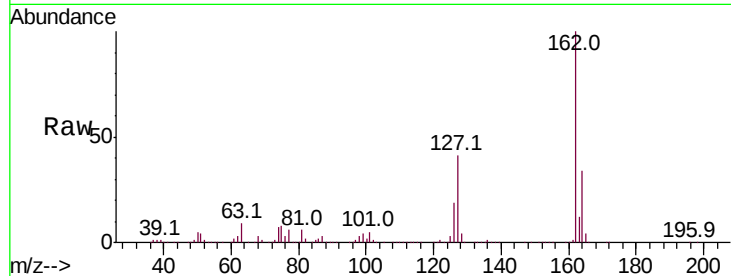




#47
 2-Chloronaphthalene
 Concen: 38.096 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

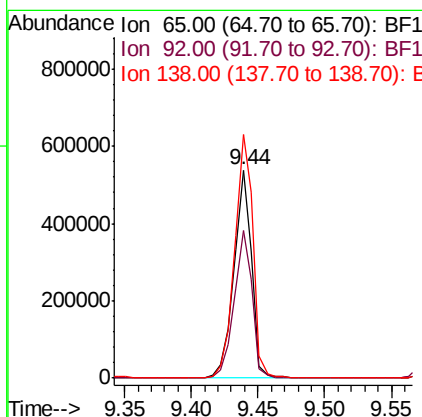
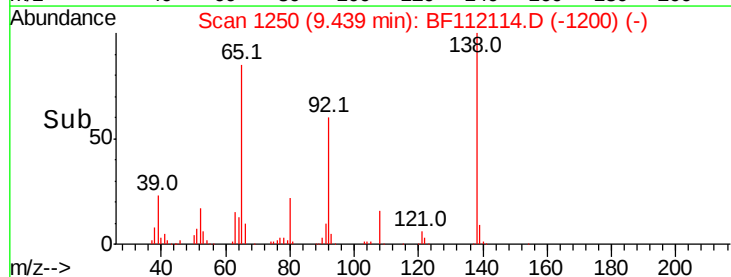
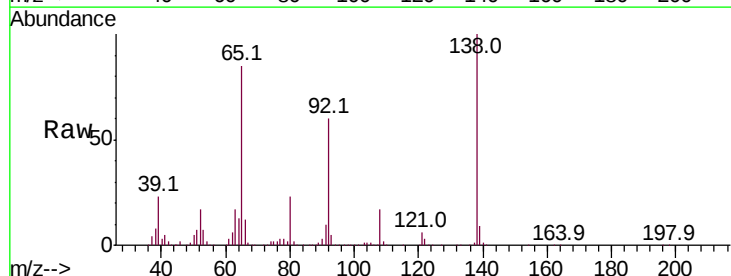
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

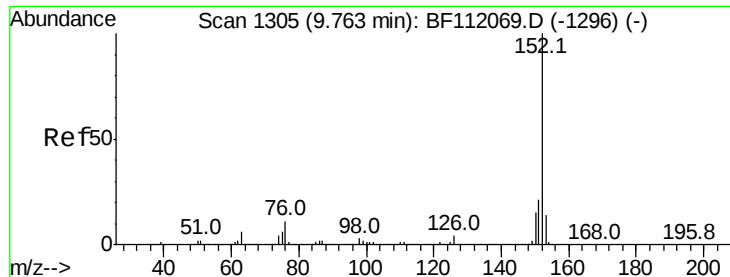
Tot Ion:	162	Resp:	1830303
Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.4	45.6
164	34.3	27.4	41.2



#48
 2-Nitroaniline
 Concen: 46.364 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Tgt Ion:	65	Resp:	501749
Ion	Ratio	Lower	Upper
65	100		
92	70.7	60.4	90.6
138	117.1	104.4	156.6





#49

Acenaphthylene

Concen: 37.663 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

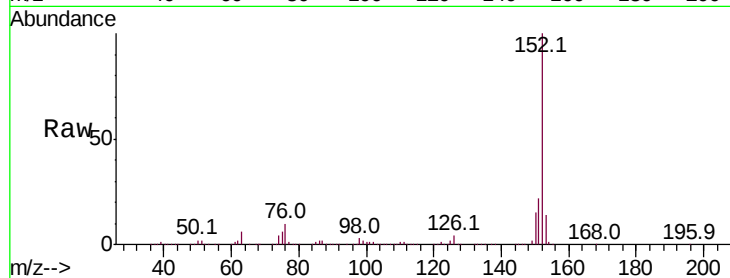
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2640606

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.0	25.6
153	14.4	11.2	16.8

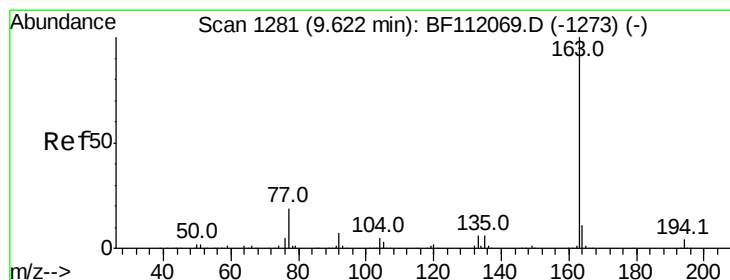
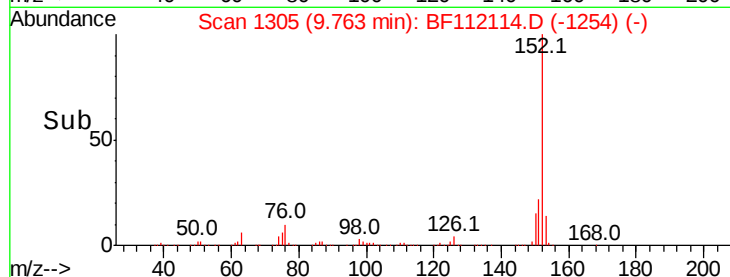
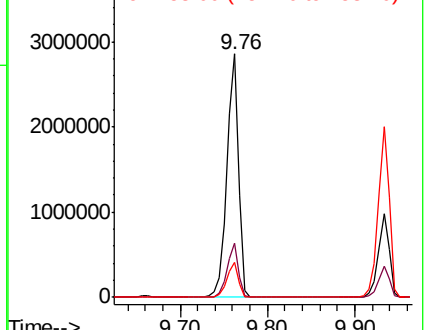


Abundance

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: 38.499 ng

RT: 9.62 min Scan# 1281

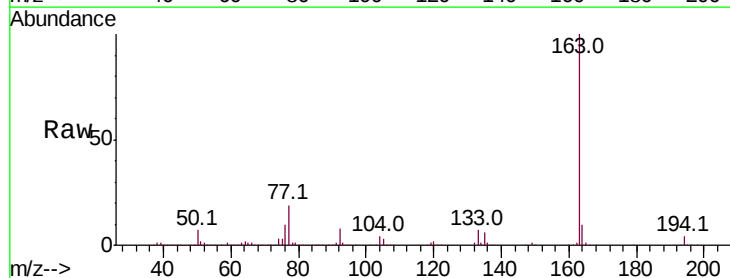
Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Tgt Ion:163 Resp: 2060960

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.4	8.5	12.7

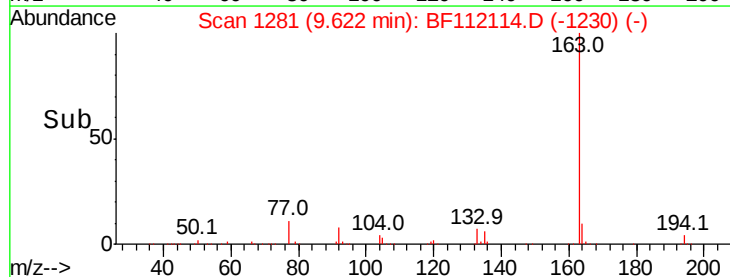
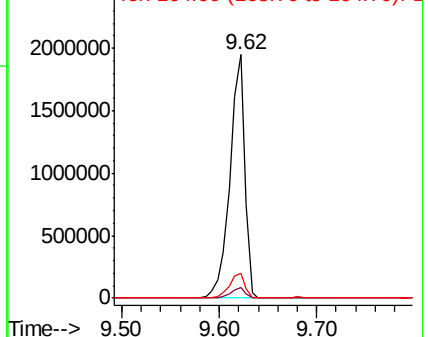


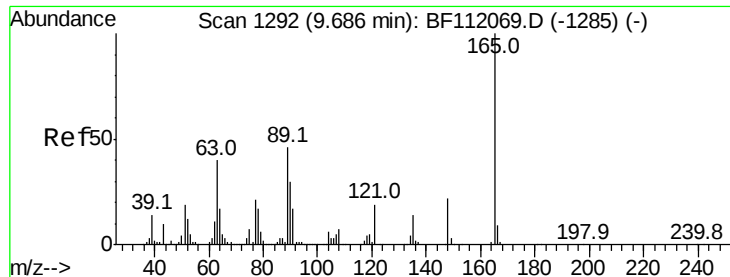
Abundance

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

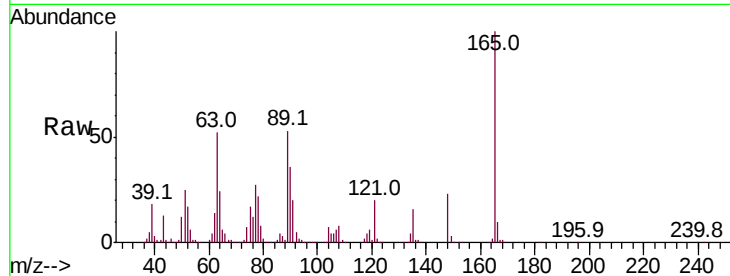




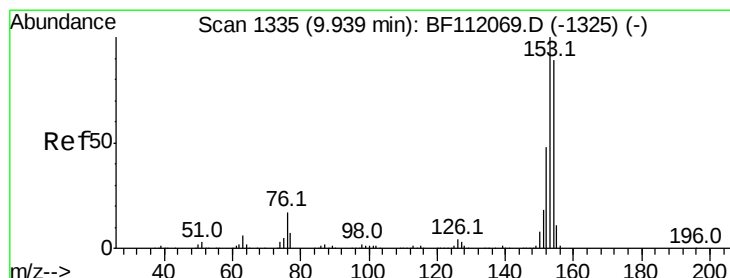
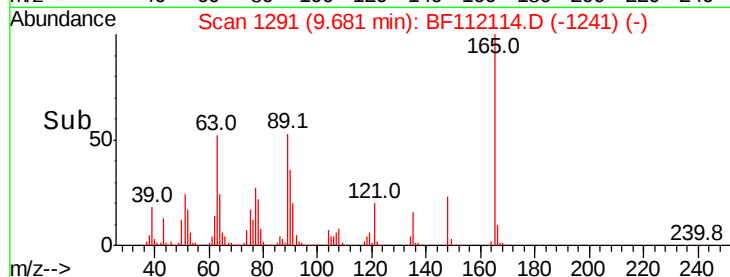
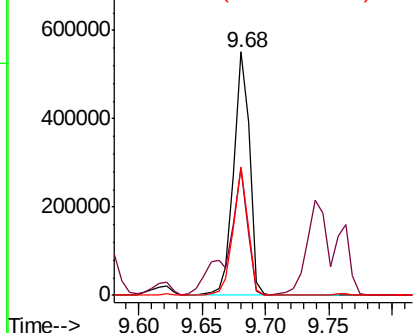
#51
 2,6-Dinitrotoluene
 Concen: 44.508 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 475820
 Ion Ratio Lower Upper
 165 100
 63 52.1 33.8 50.8#
 89 52.6 36.9 55.3

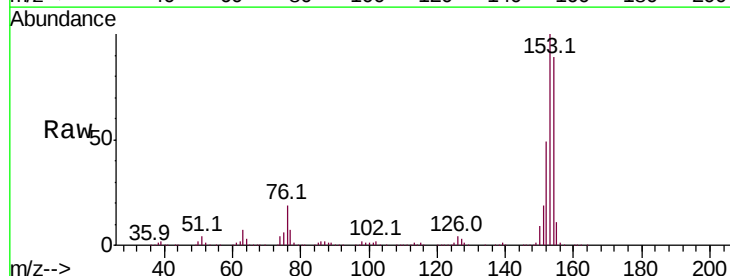


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

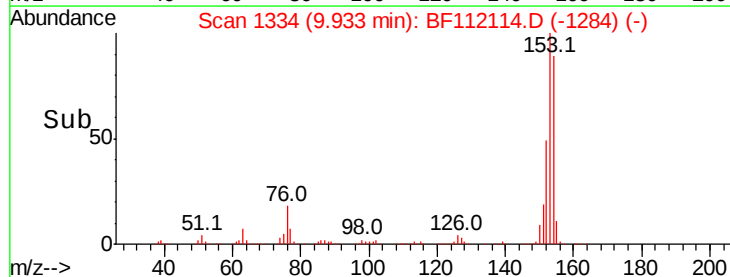
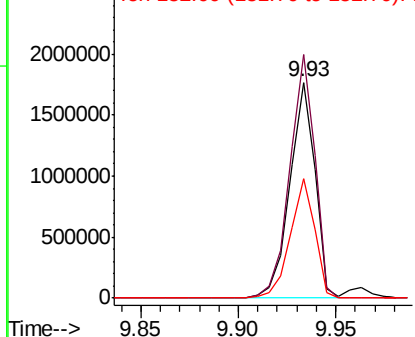


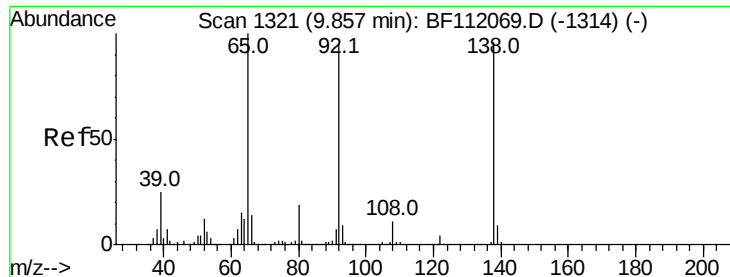
#52
 Acenaphthene
 Concen: 36.898 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Tgt Ion:154 Resp: 1582802
 Ion Ratio Lower Upper
 154 100
 153 112.8 89.8 134.6
 152 55.1 43.5 65.3



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

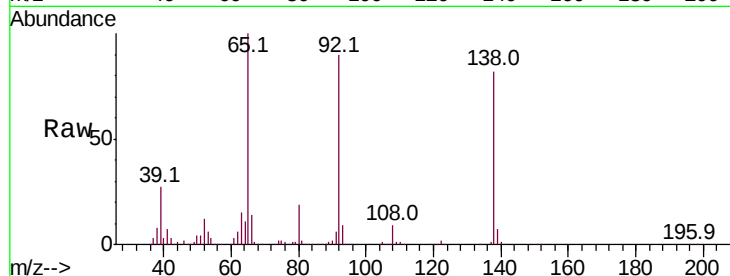




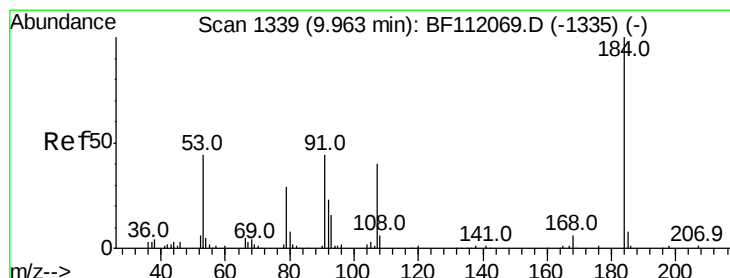
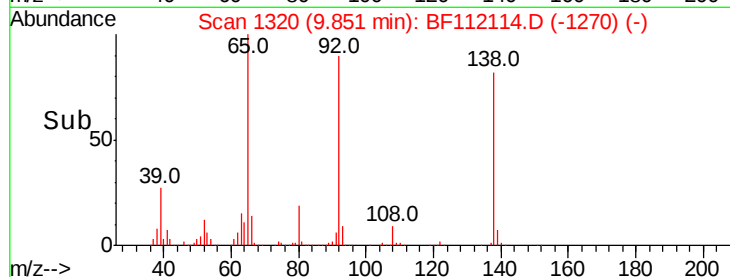
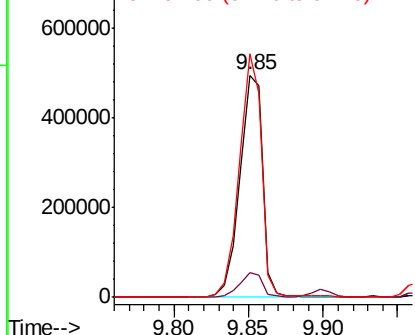
#53
3-Nitroaniline
Concen: 43.981 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 525793
Ion Ratio Lower Upper
138 100
108 11.1 9.8 14.6
92 109.7 79.4 119.2

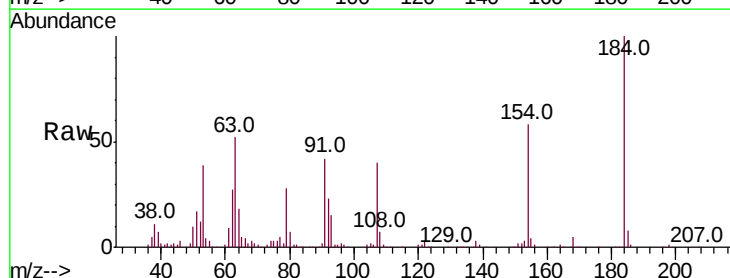


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

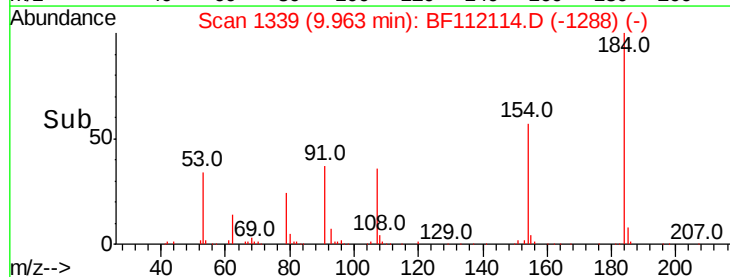
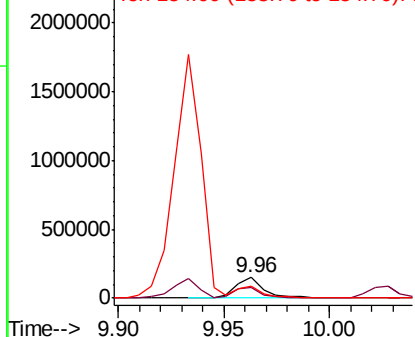


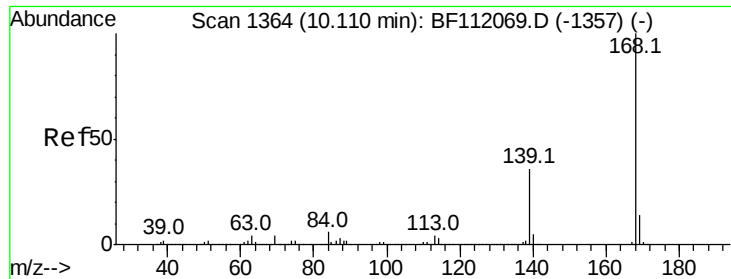
#54
2,4-Dinitrophenol
Concen: 50.430 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion:184 Resp: 132968
Ion Ratio Lower Upper
184 100
63 52.5 47.1 70.7
154 57.9 48.9 73.3



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

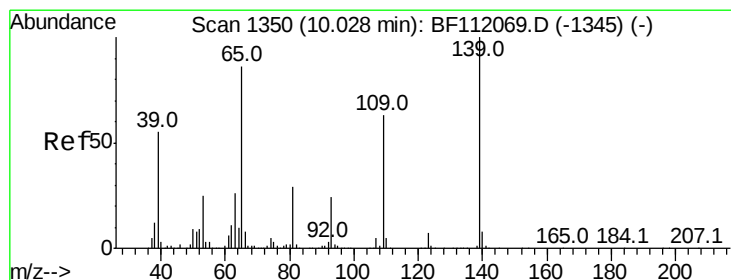
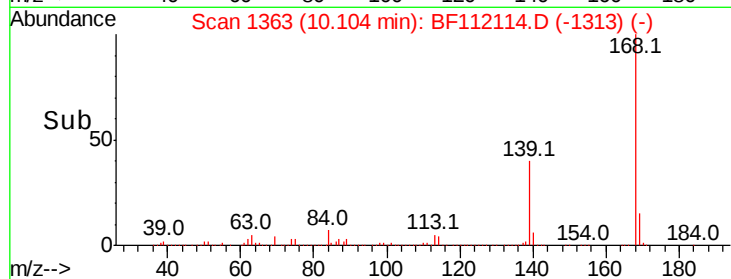
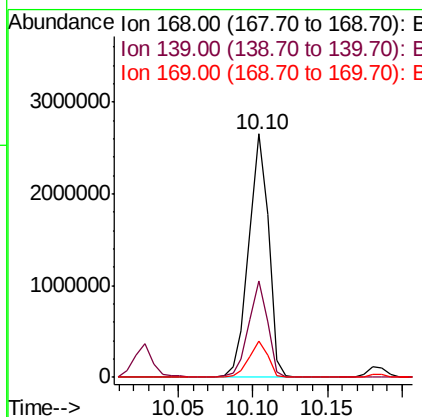
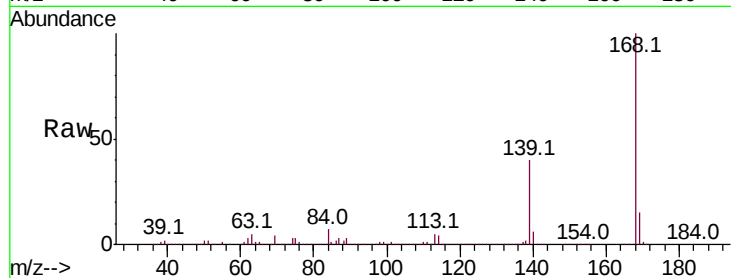




#55
Dibenzenofuran
Concen: 37.533 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

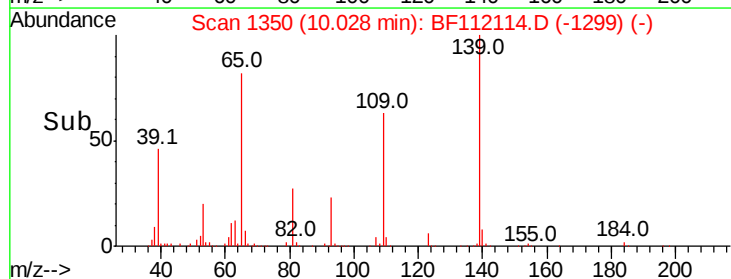
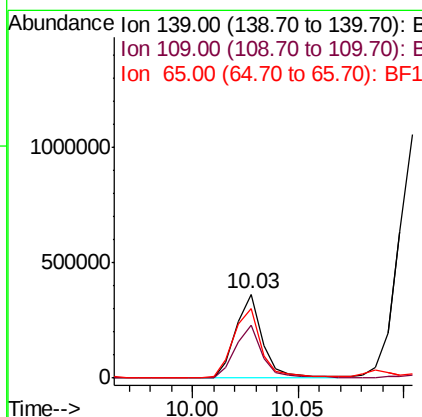
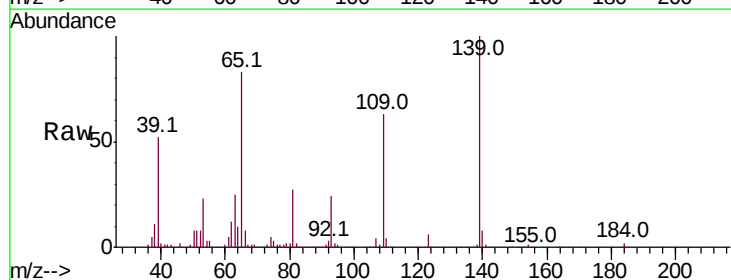
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

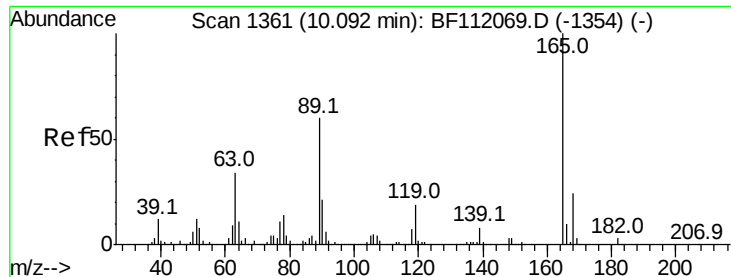
Tot Ion:168 Resp: 2434864
Ion Ratio Lower Upper
168 100
139 39.7 29.2 43.8
169 14.7 11.4 17.0



#56
4-Nitrophenol
Concen: 40.757 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion:139 Resp: 322736
Ion Ratio Lower Upper
139 100
109 62.8 42.8 82.8
65 83.2 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 43.513 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 590640

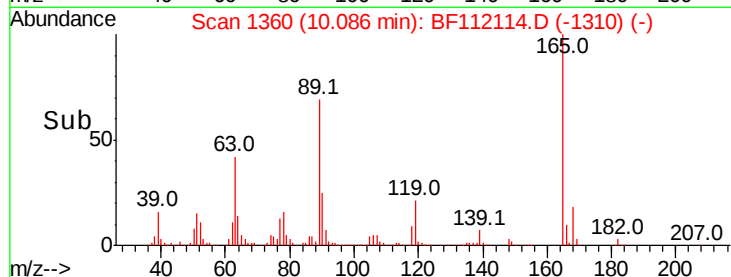
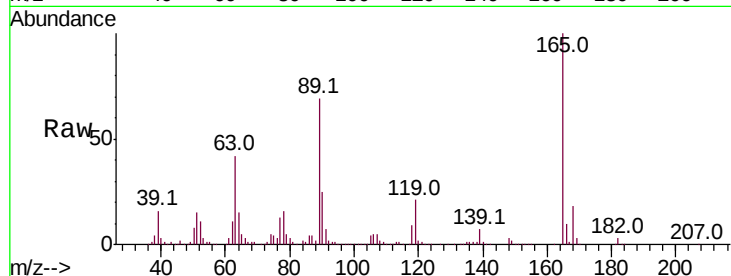
Ion Ratio Lower Upper

165 100

63 41.9 27.9 41.9#

89 68.8 47.9 71.9

182 2.7 2.2 3.4

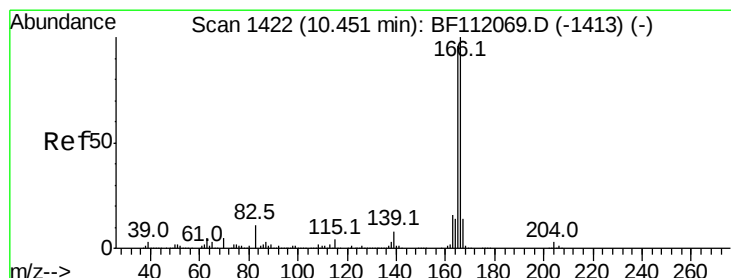
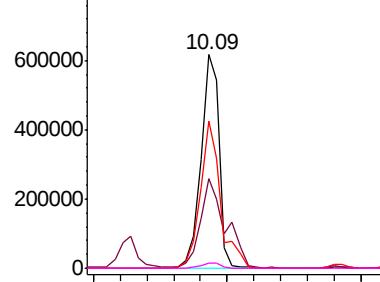


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.758 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

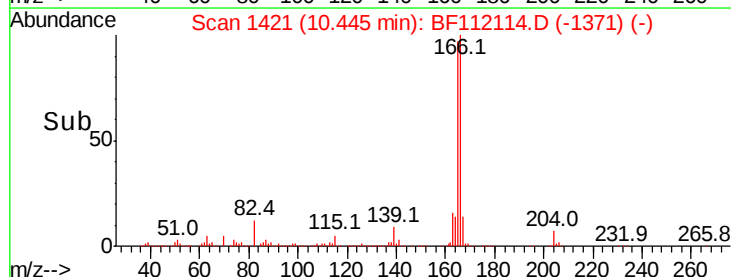
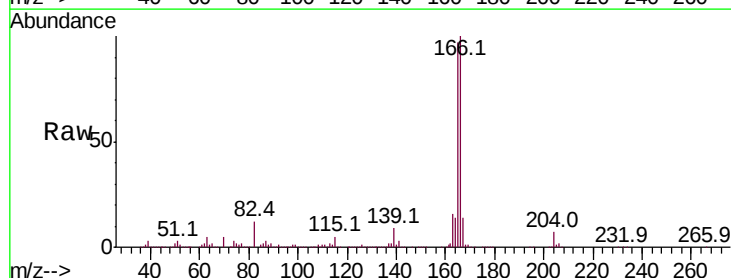
Tgt Ion:166 Resp: 1781656

Ion Ratio Lower Upper

166 100

165 97.3 77.1 115.7

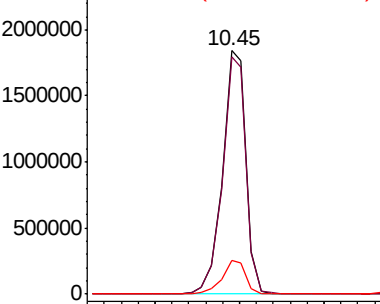
167 14.0 11.3 16.9

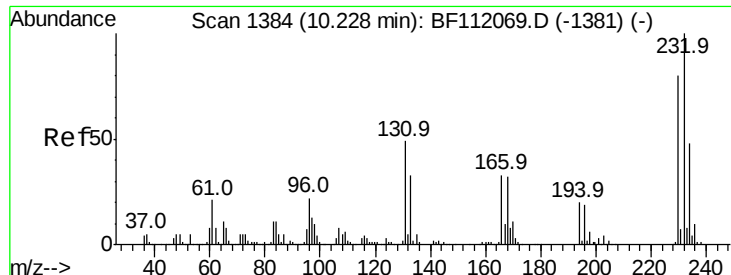


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

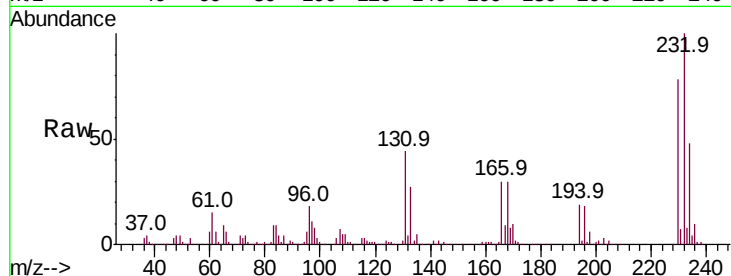




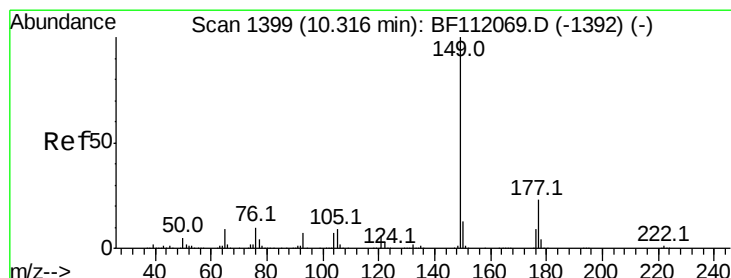
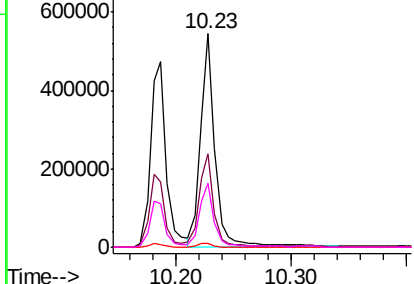
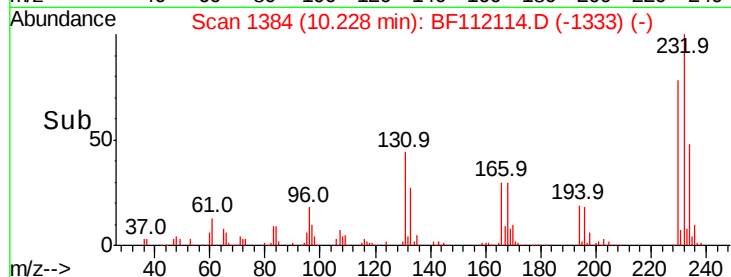
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.393 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 480436
 Ion Ratio Lower Upper
 232 100
 131 43.7 33.9 50.9
 130 2.0 1.8 2.6
 166 30.3 23.6 35.4

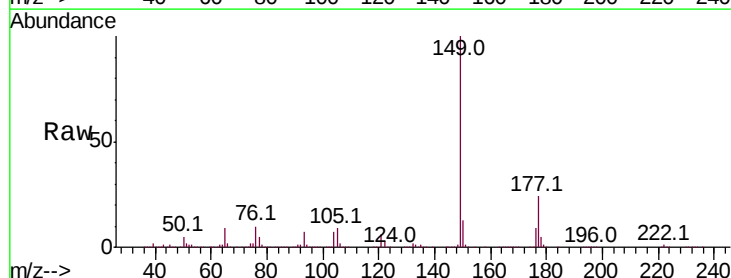


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

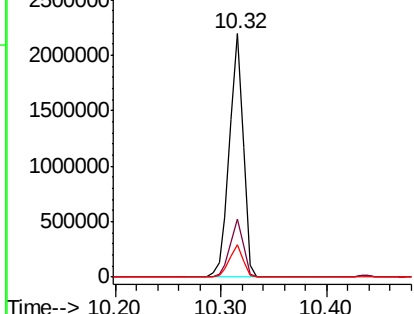
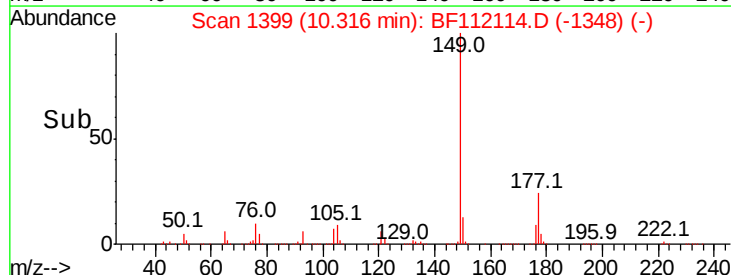


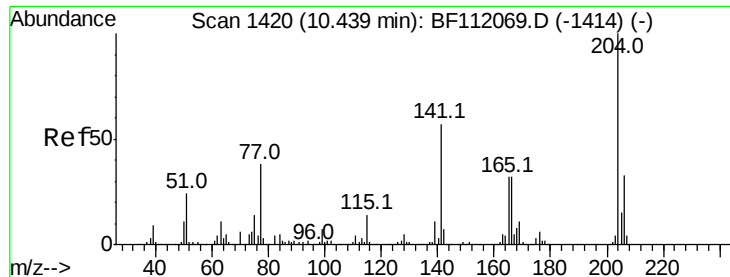
#60
 Diethylphthalate
 Concen: 38.008 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Tgt Ion:149 Resp: 1986088
 Ion Ratio Lower Upper
 149 100
 177 23.8 18.2 27.2
 150 13.3 10.4 15.6



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

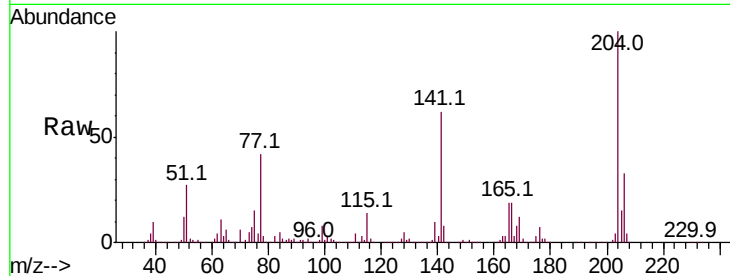




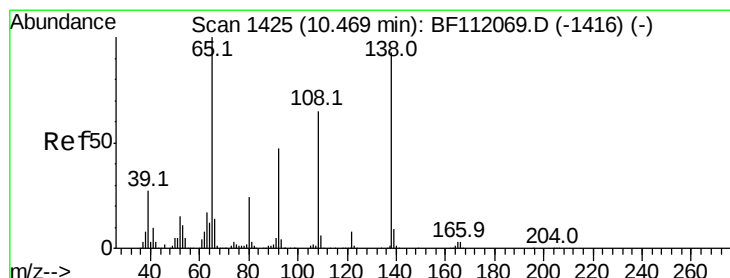
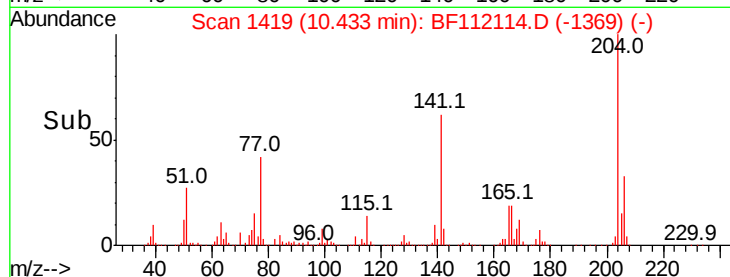
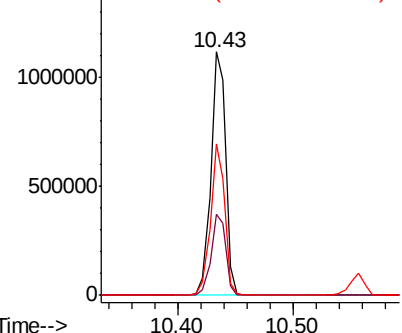
#61
4-Chlorophenyl-phenylether
Concen: 37.777 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 988046
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 62.0 45.9 68.9

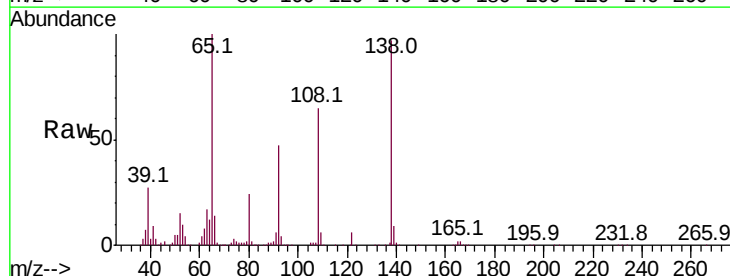


Abundance Ion 204.00 (203.70 to 204.70): E
1500000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

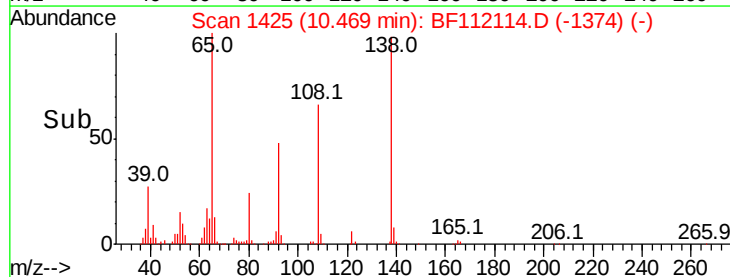
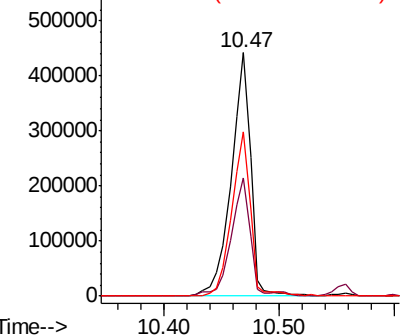


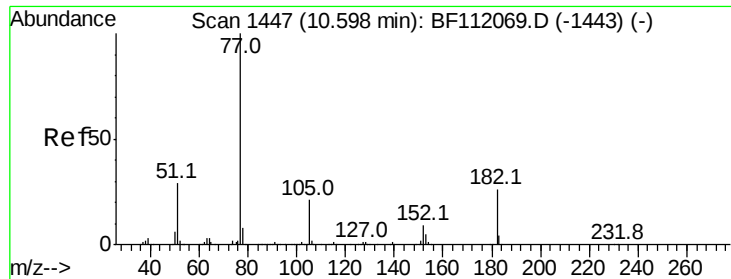
#62
4-Nitroaniline
Concen: 43.173 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion:138 Resp: 512504
Ion Ratio Lower Upper
138 100
92 48.7 30.6 70.6
108 67.4 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
600000 Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

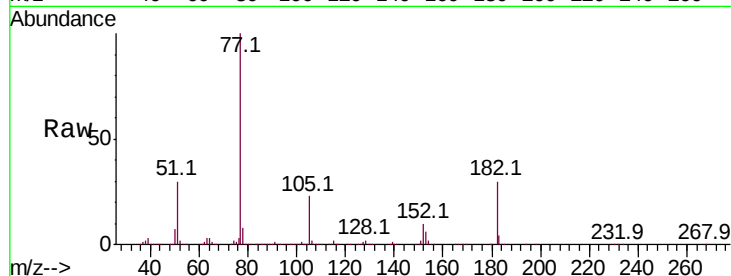




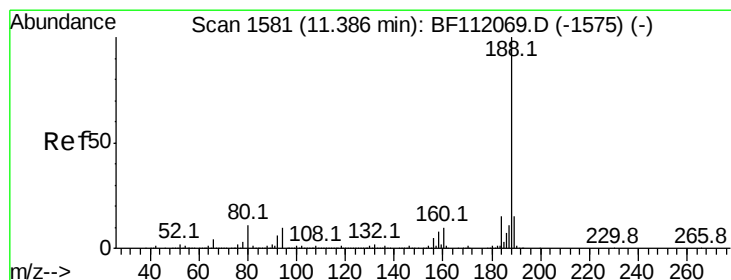
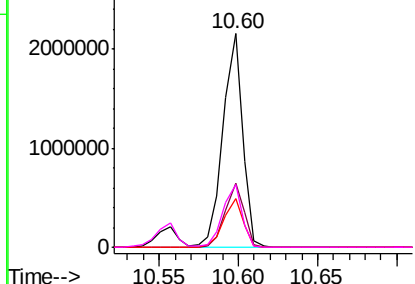
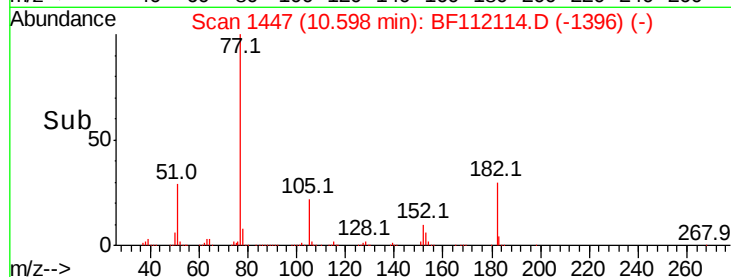
#63
Azobenzene
Concen: 37.026 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1852835
Ion Ratio Lower Upper
77 100
182 29.7 5.7 45.7
105 22.9 1.4 41.4
51 29.5 9.5 49.5

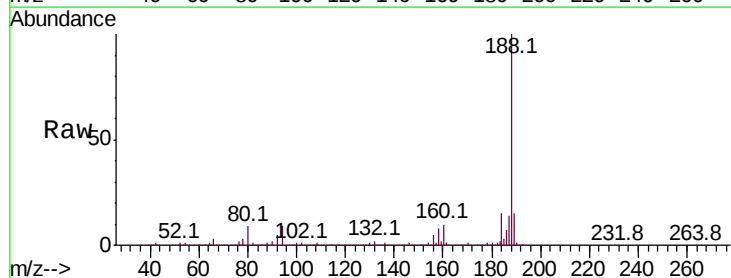


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

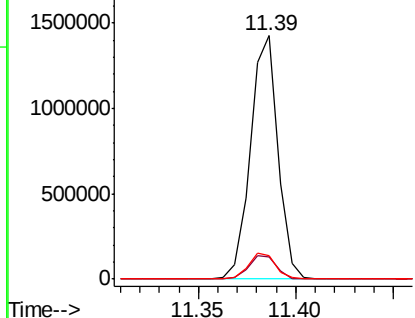
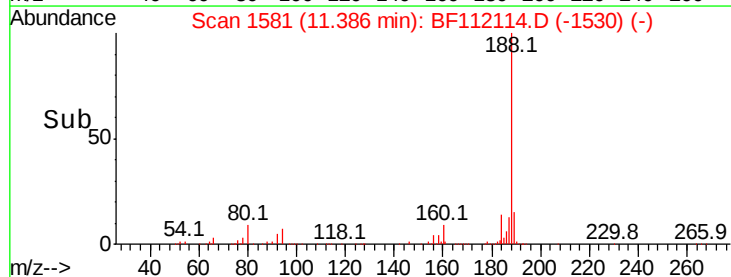


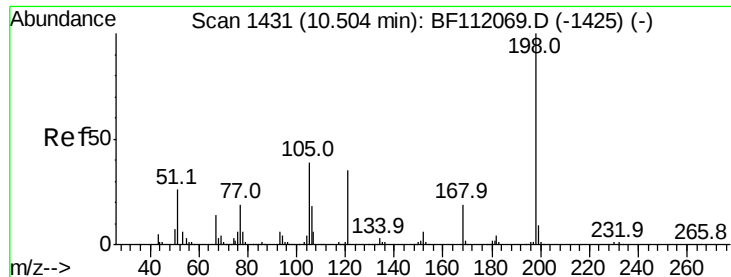
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion: 188 Resp: 1386848
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.4 8.9 13.3



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

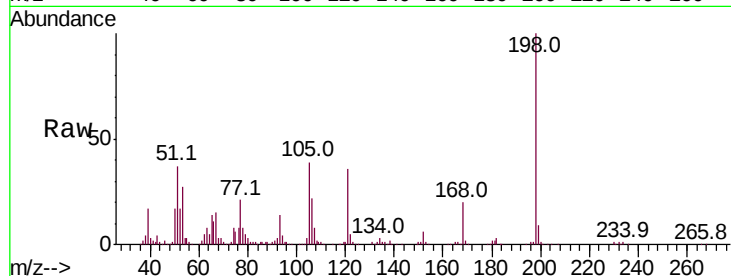




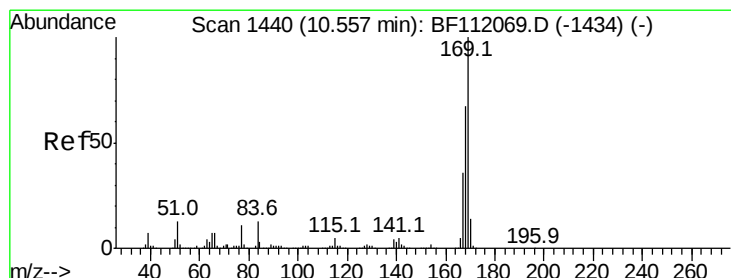
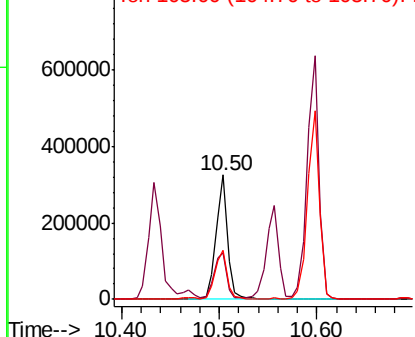
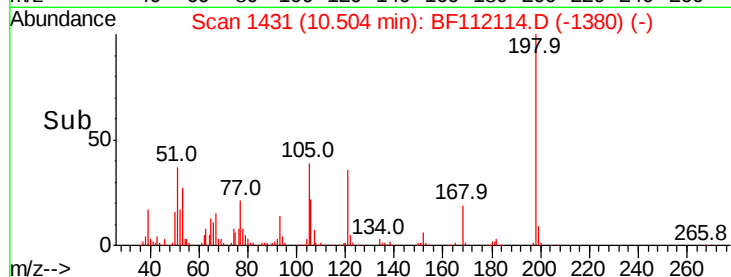
#65
4,6-Dinitro-2-methylphenol
Concen: 46.660 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.1	17.2	57.2
105	39.4	21.9	61.9

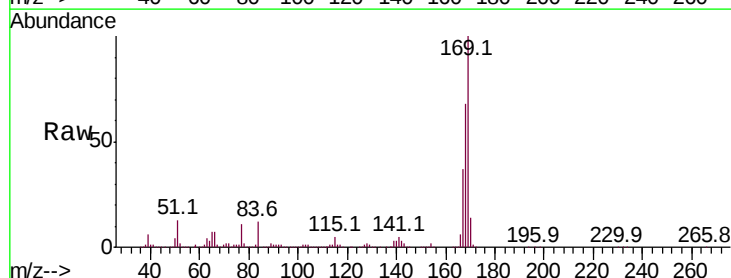


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

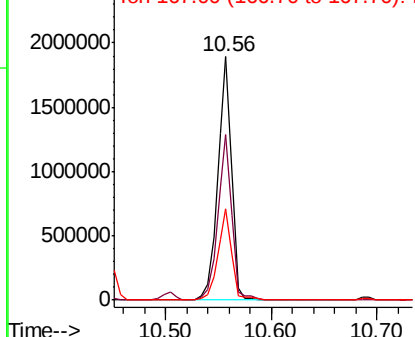
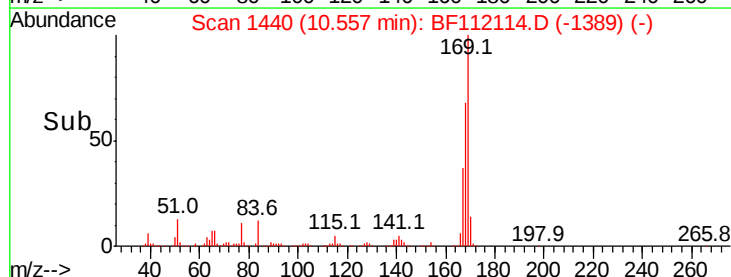


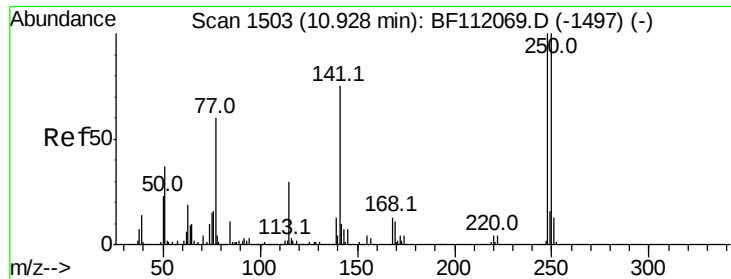
#66
n-Nitrosodiphenylamine
Concen: 38.207 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.9	80.9
167	37.4	28.9	43.3



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

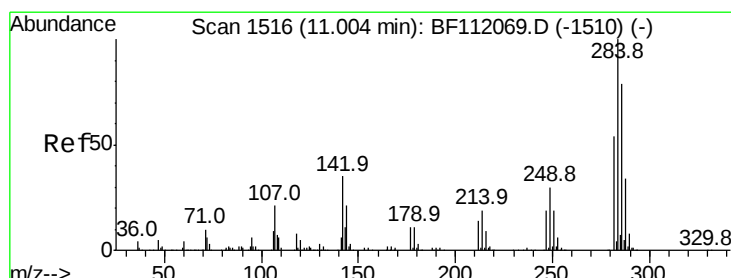
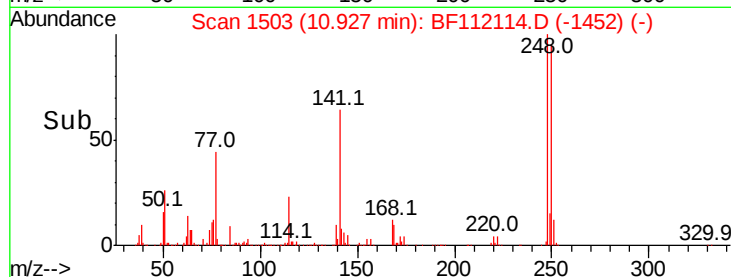
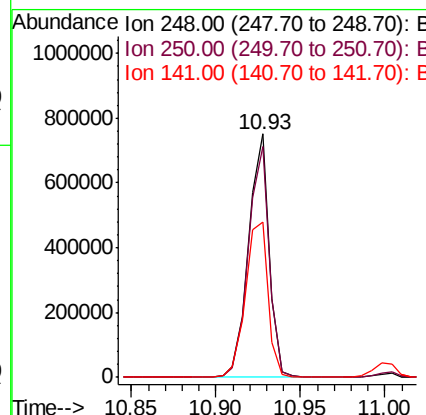
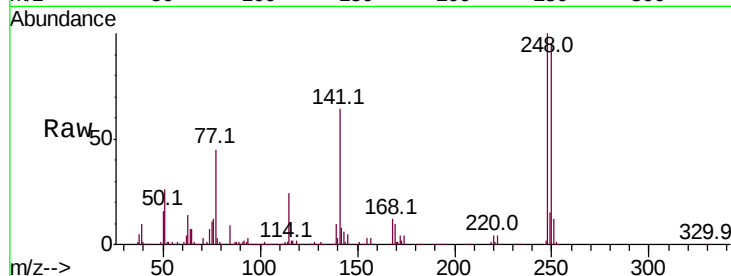




#67
4-Bromophenyl-phenylether
Concen: 39.822 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

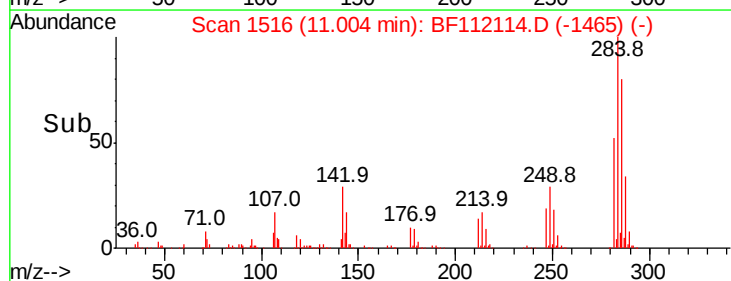
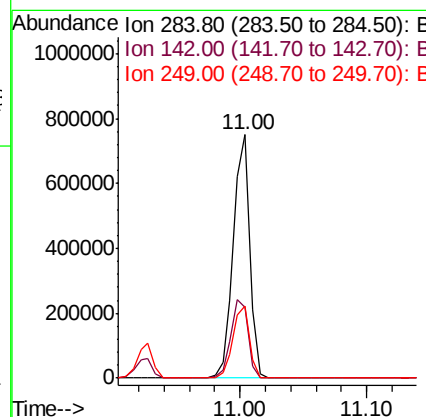
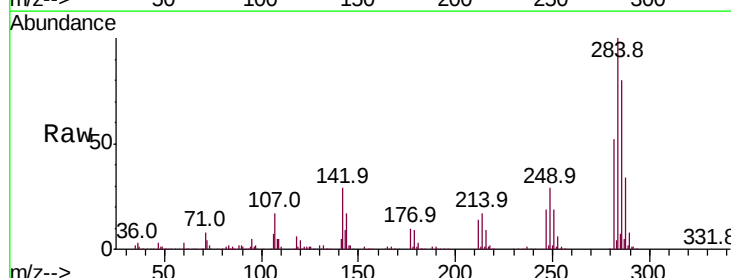
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

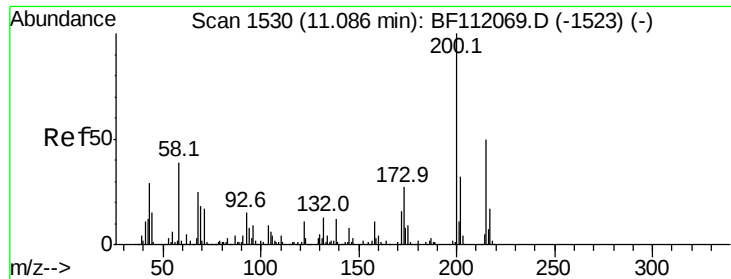
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	79.7	119.5
141	64.0	60.3	90.5



#68
Hexachlorobenzene
Concen: 38.619 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	27.6	41.4
249	29.4	24.1	36.1

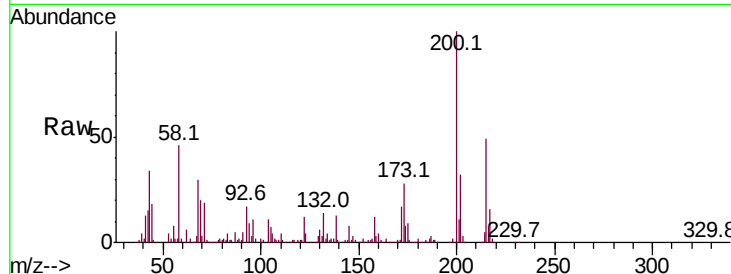




#69
Atrazine
Concen: 39.586 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.1	47.1
215	49.0	30.4	70.4

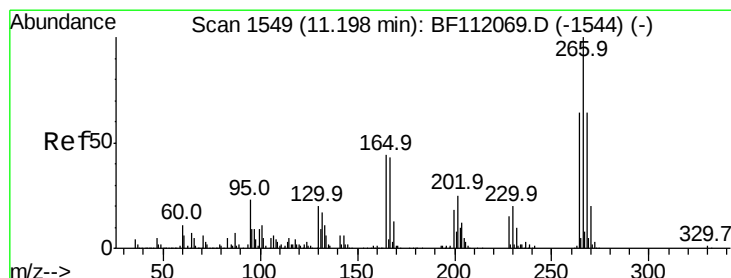
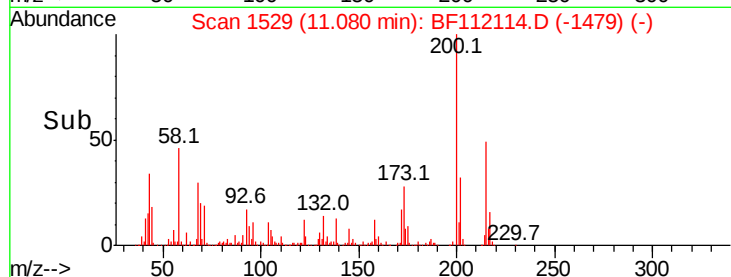
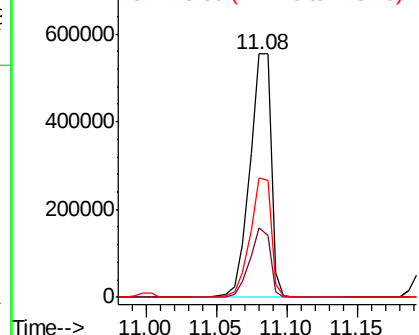


Abundance

Ion 200.00 (199.70 to 200.70): E

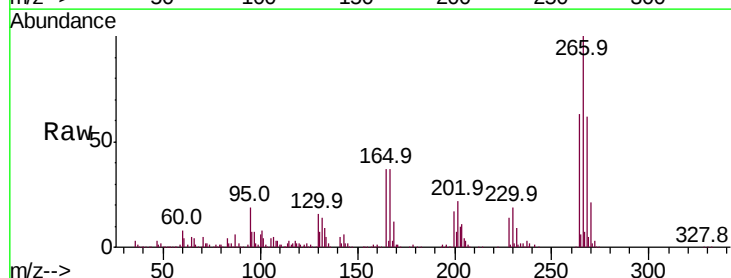
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.164 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.2	76.8
264	63.3	50.9	76.3

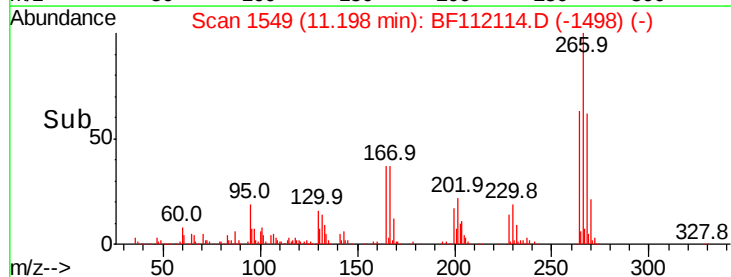
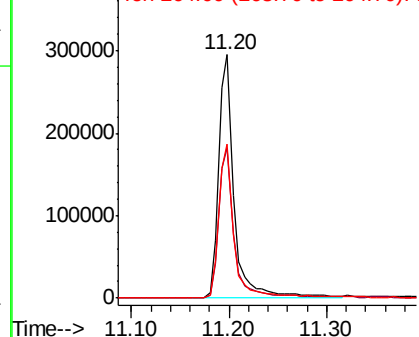


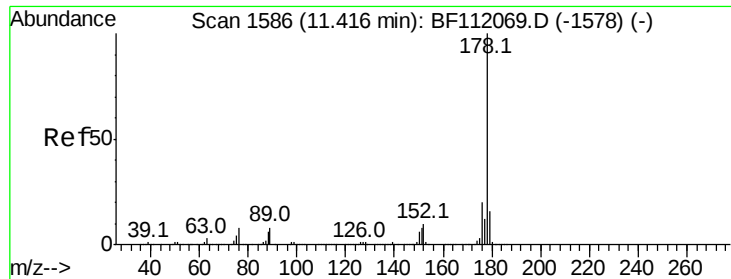
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.010 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

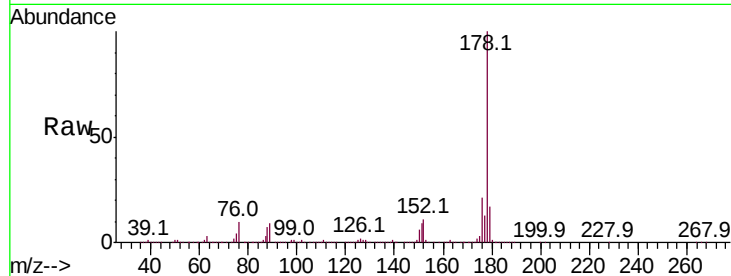
Tot Ion:178 Resp: 2583110

Ion Ratio Lower Upper

178 100

176 21.3 16.3 24.5

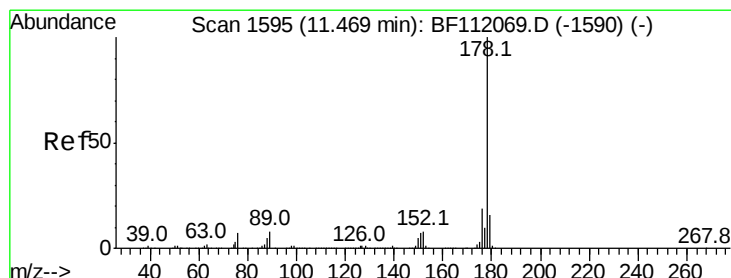
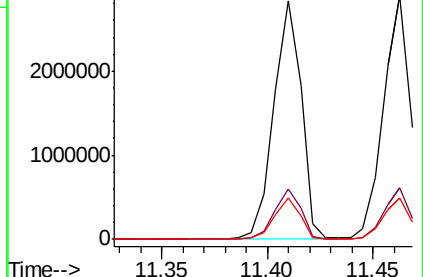
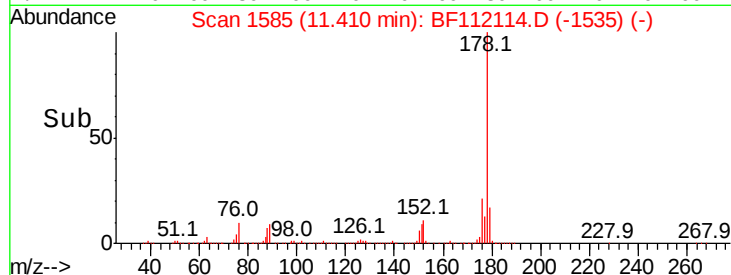
179 17.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.645 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

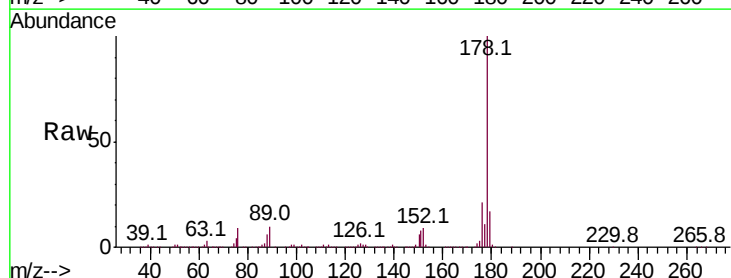
Tgt Ion:178 Resp: 2590849

Ion Ratio Lower Upper

178 100

176 21.0 15.5 23.3

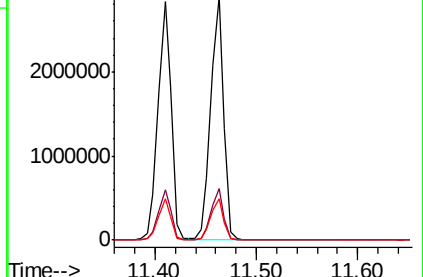
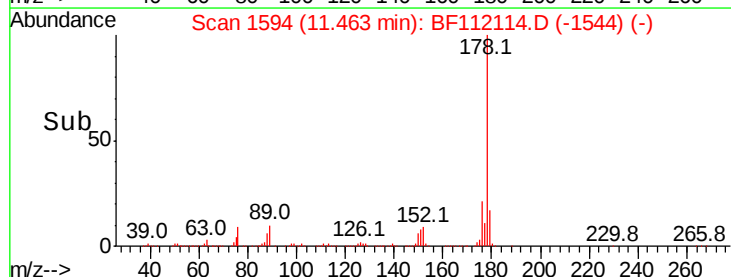
179 17.2 12.8 19.2

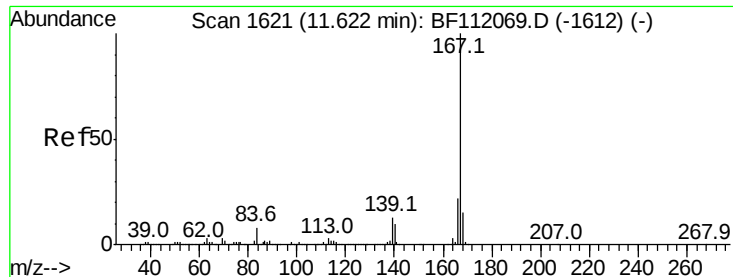


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.725 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

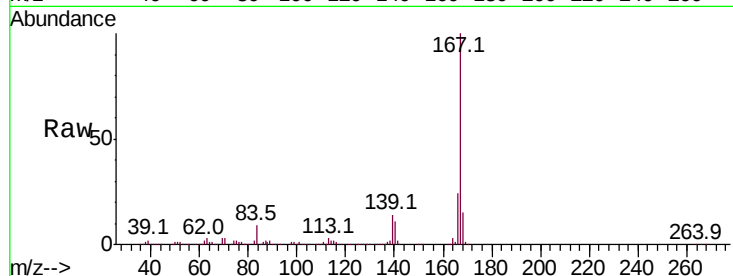
Tot Ion:167 Resp: 2601061

Ion Ratio Lower Upper

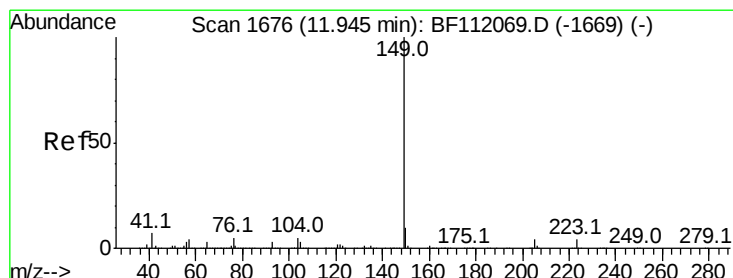
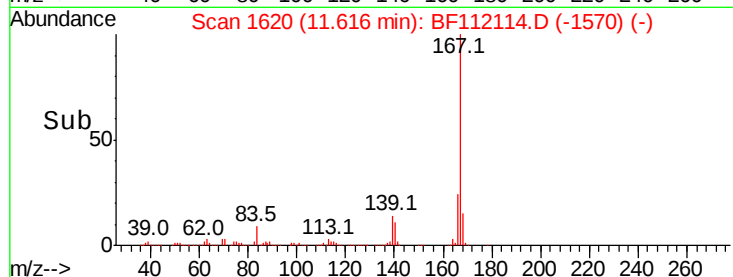
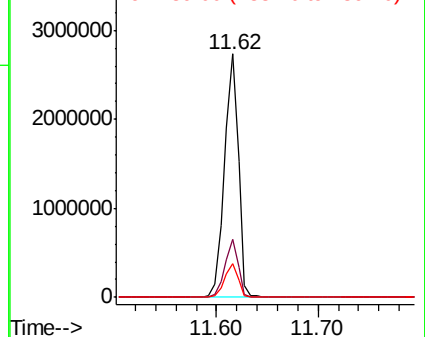
167 100

166 23.8 17.9 26.9

139 14.1 10.2 15.2



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: 37.441 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

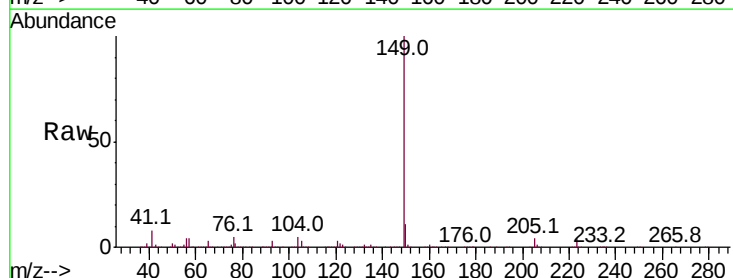
Tgt Ion:149 Resp: 2982900

Ion Ratio Lower Upper

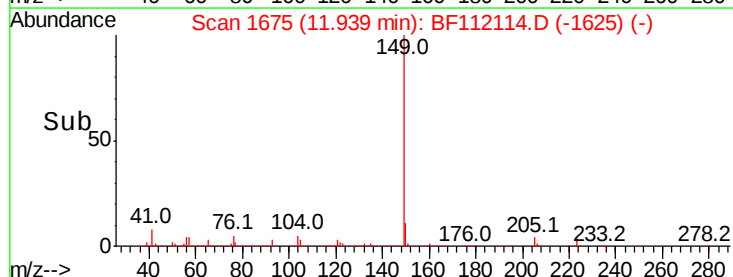
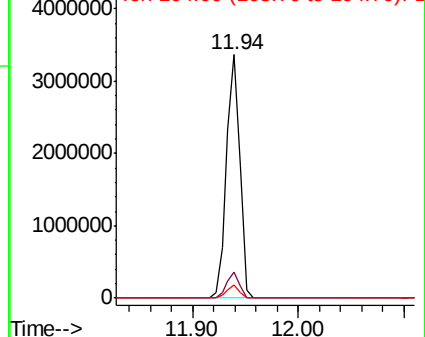
149 100

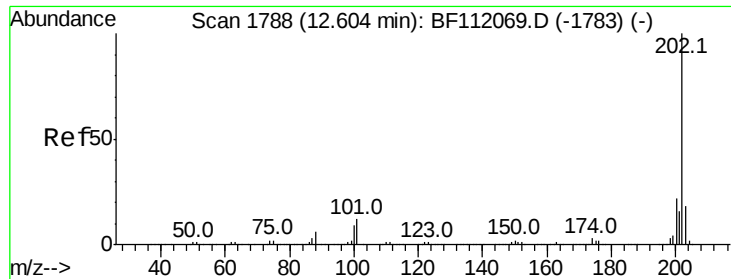
150 10.6 8.1 12.1

104 5.3 3.9 5.9



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: 36.519 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

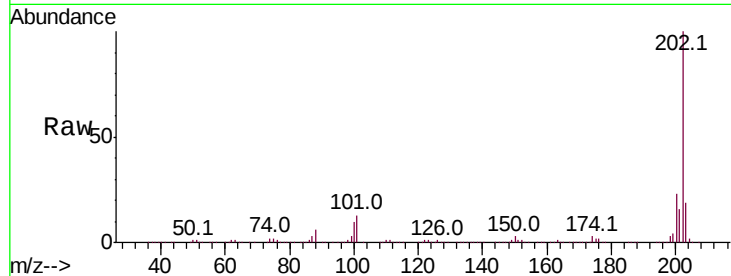
Tot Ion:202 Resp: 2691103

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.8

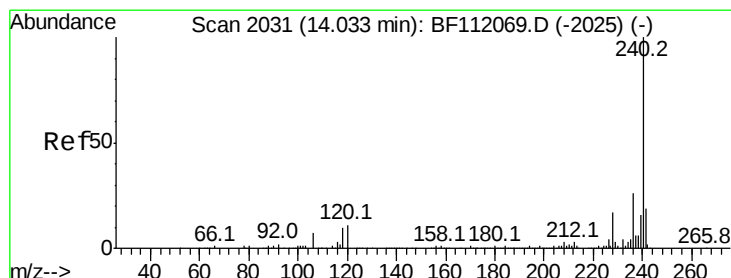
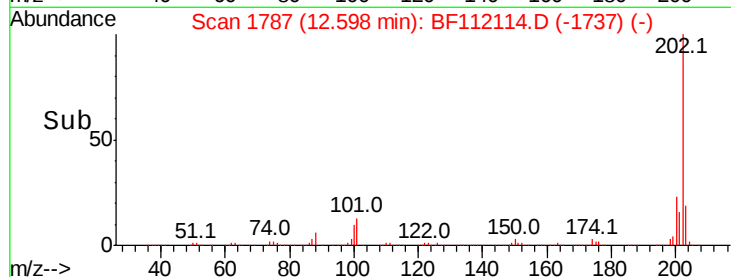
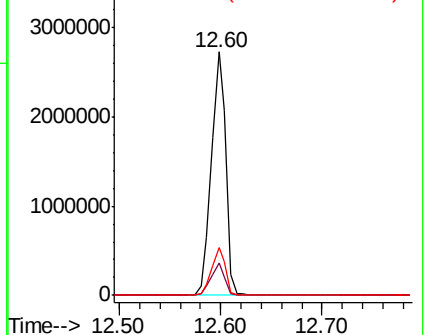
203 19.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

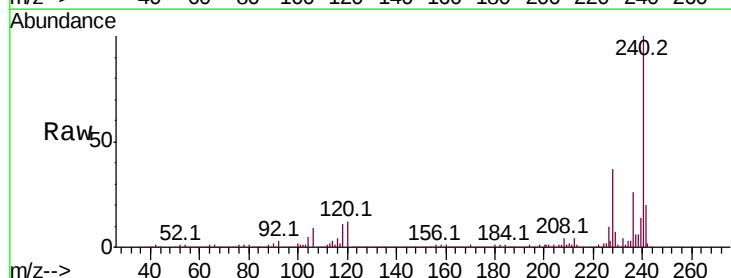
Tgt Ion:240 Resp: 1092309

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.6

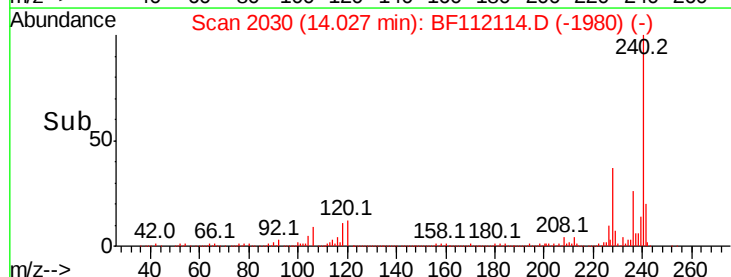
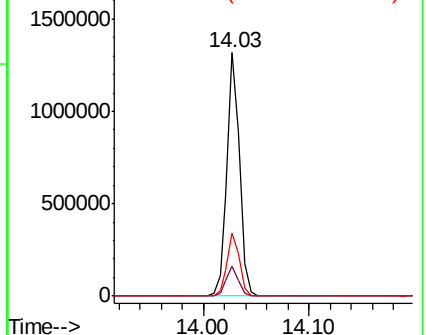
236 25.7 20.7 31.1

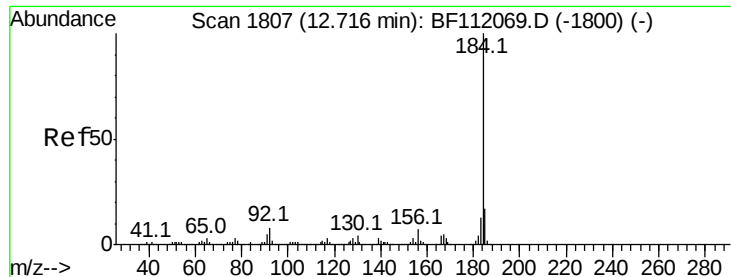


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.760 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

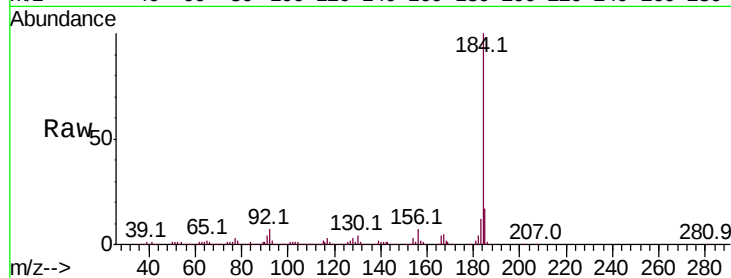
Tot Ion:184 Resp: 1412609

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.9	20.9
183	12.2	10.0	15.0

184 100

185 16.6 13.9 20.9

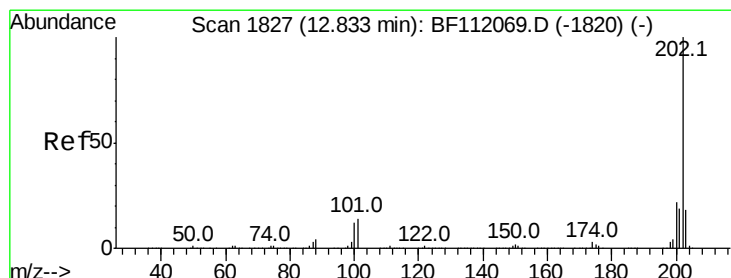
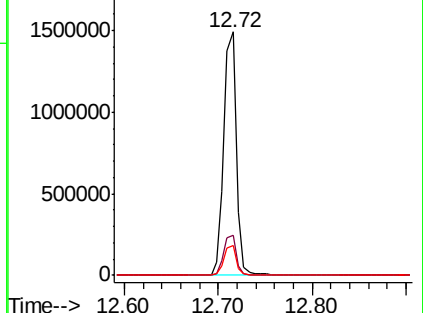
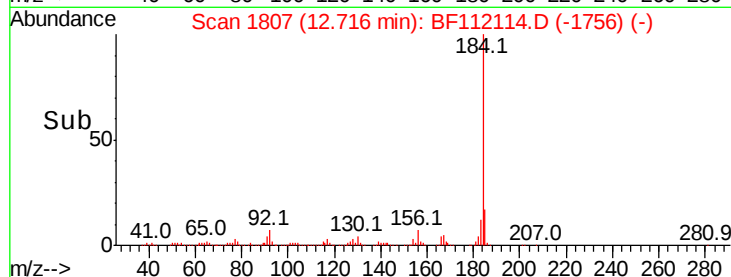
183 12.2 10.0 15.0



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: 37.931 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

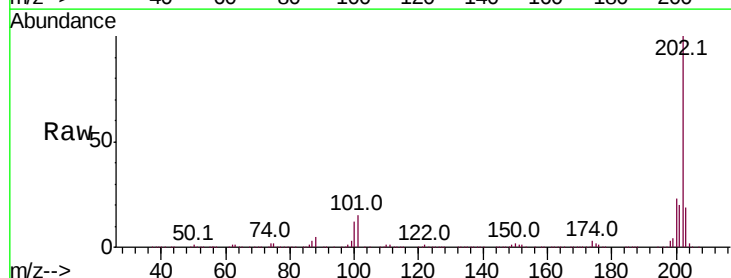
Tgt Ion:202 Resp: 2733526

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.7	26.5
203	19.1	14.6	22.0

202 100

200 23.0 17.7 26.5

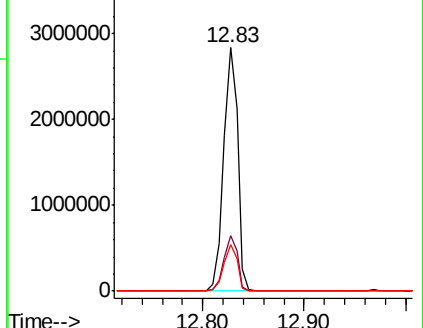
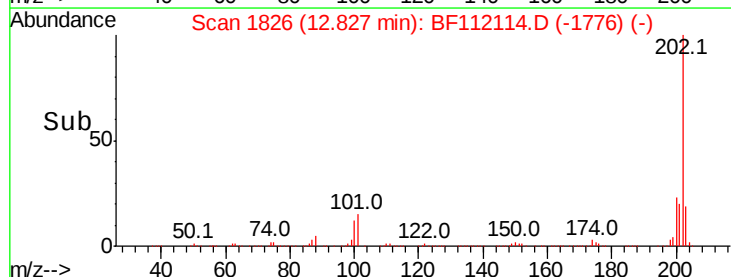
203 19.1 14.6 22.0

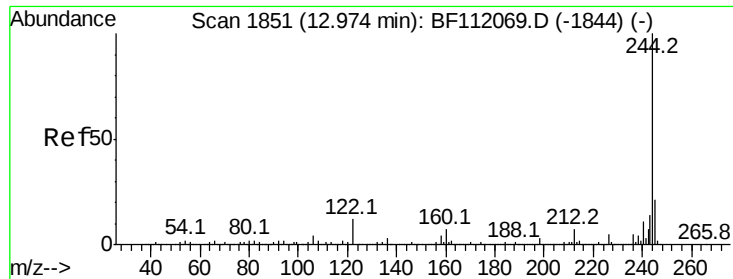


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.786 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

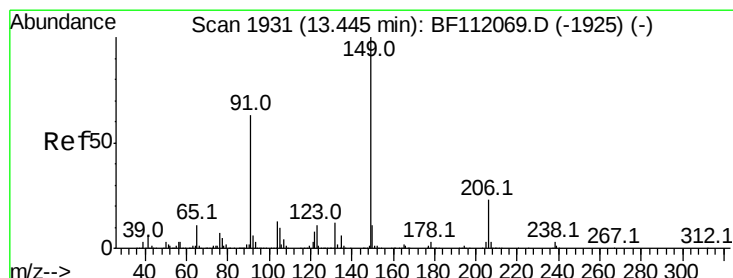
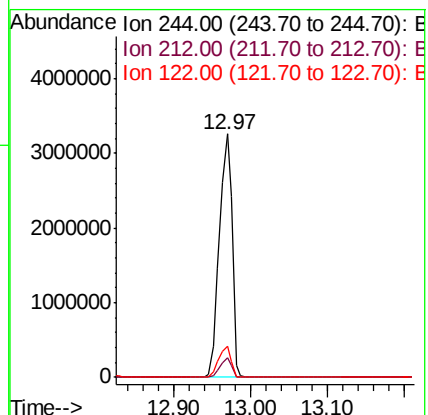
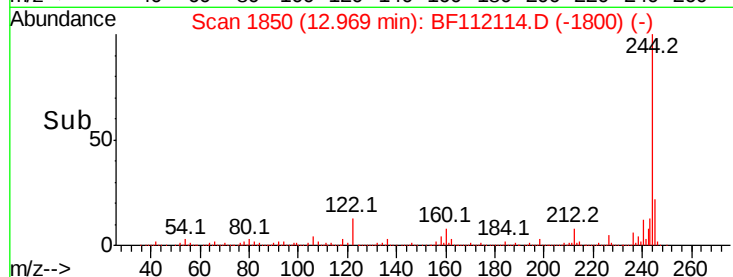
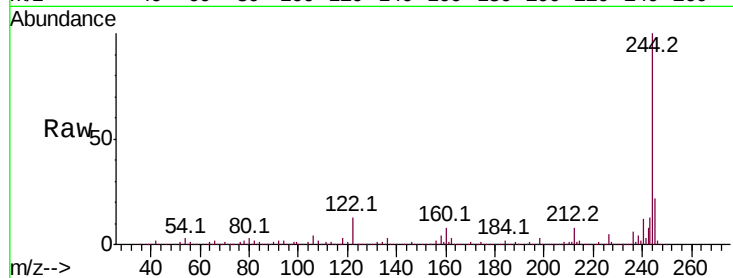
Tot Ion:244 Resp: 3685863

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

122 12.8 9.8 14.6



#80

Butylbenzylphthalate

Concen: 41.318 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

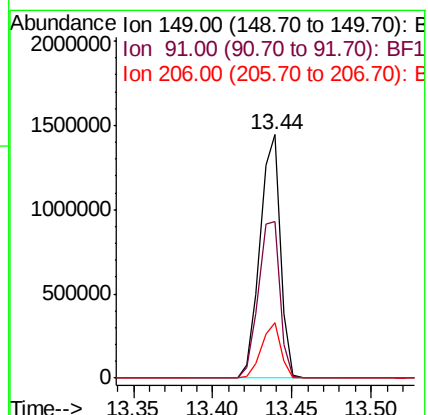
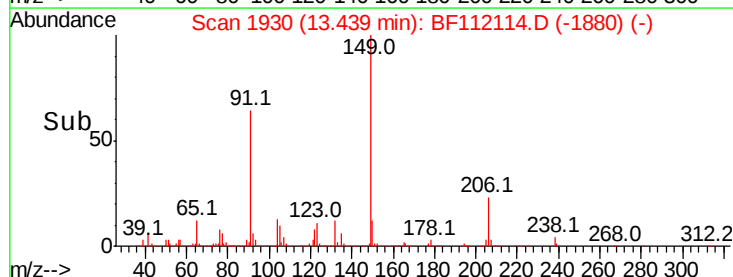
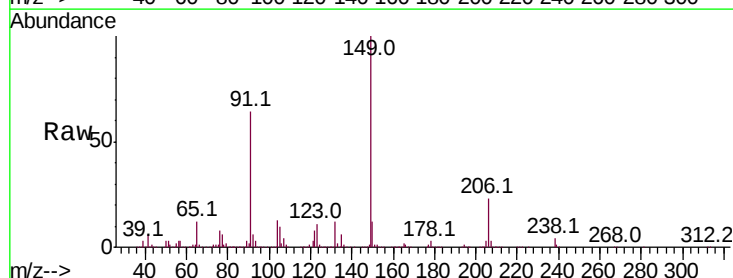
Tgt Ion:149 Resp: 1306290

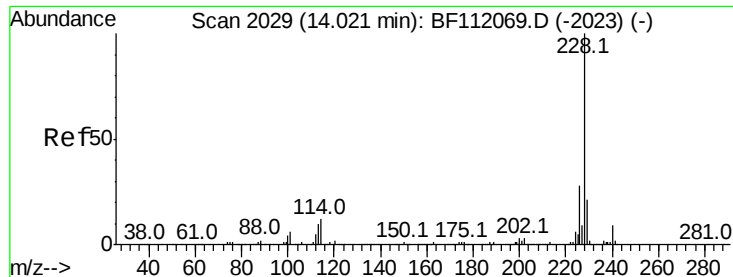
Ion Ratio Lower Upper

149 100

91 64.3 50.3 75.5

206 22.8 18.2 27.4





#81

Benzo(a)anthracene

Concen: 37.559 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

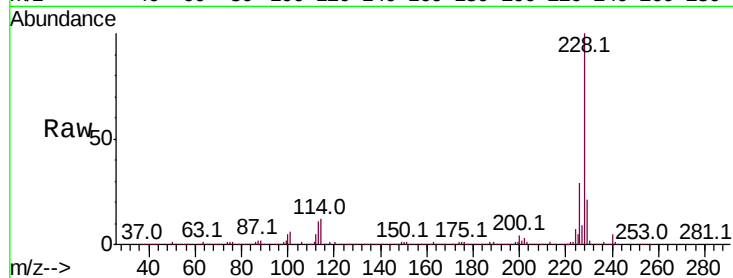
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2352299

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.0	16.5	24.7

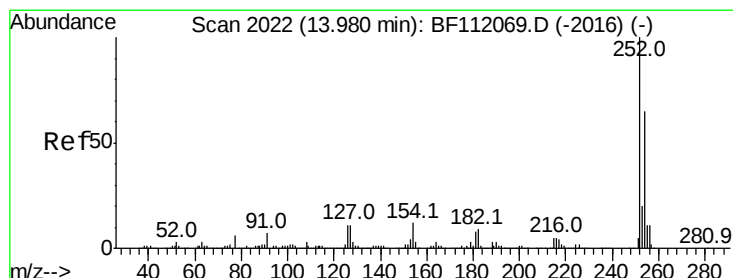
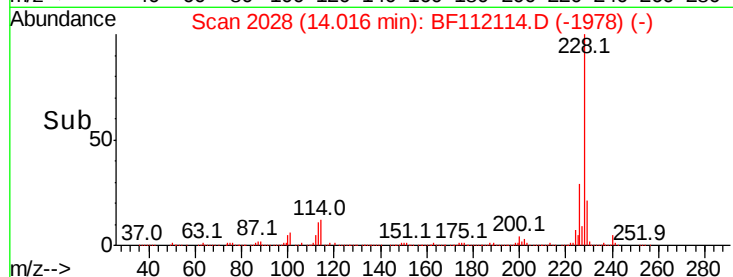
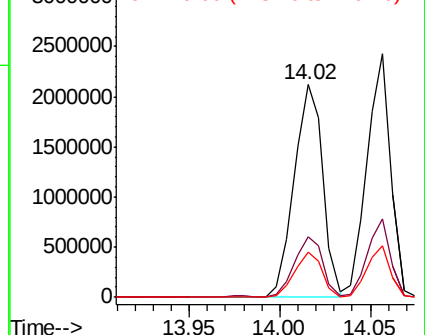


Abundance

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: 39.071 ng

RT: 13.97 min Scan# 2021

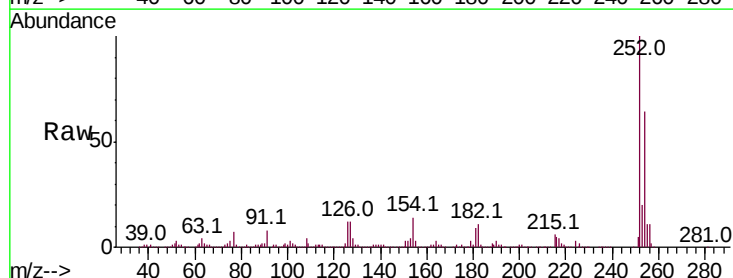
Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Tgt Ion:252 Resp: 916405

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.6	77.4
126	12.2	8.6	12.8

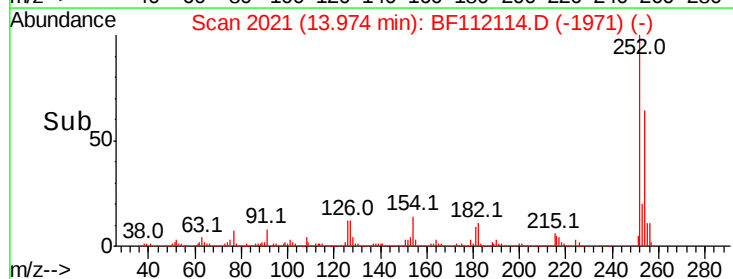
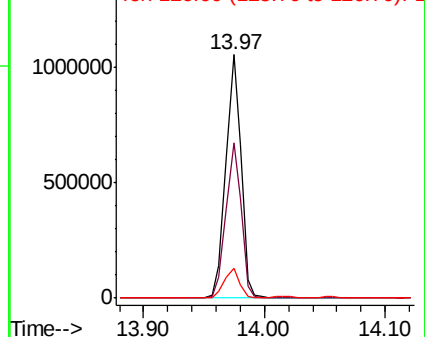


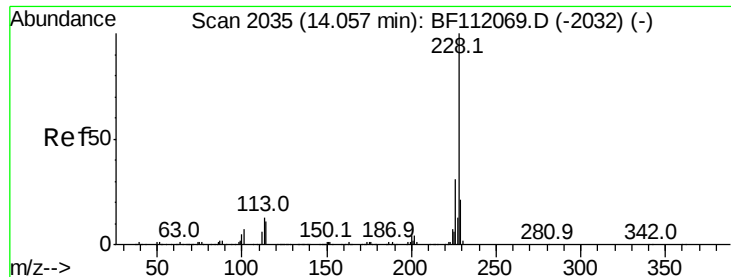
Abundance

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: 37.544 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

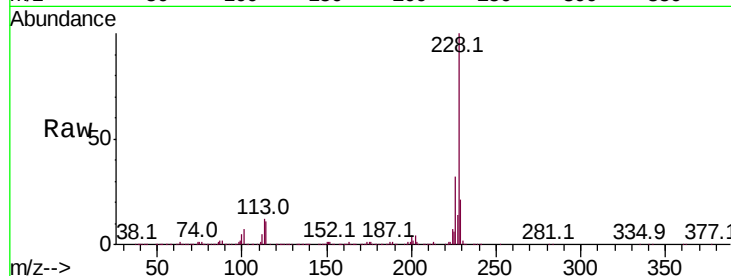
Tot Ion:228 Resp: 2224912

Ion Ratio Lower Upper

228 100

226 32.4 25.0 37.6

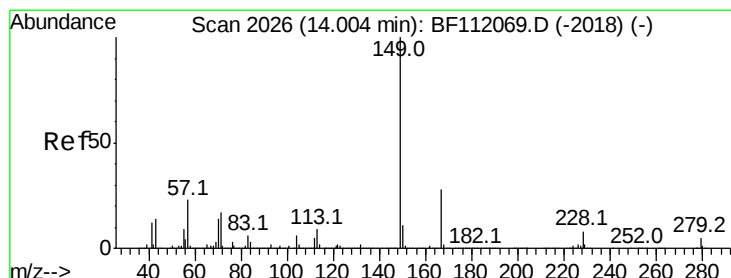
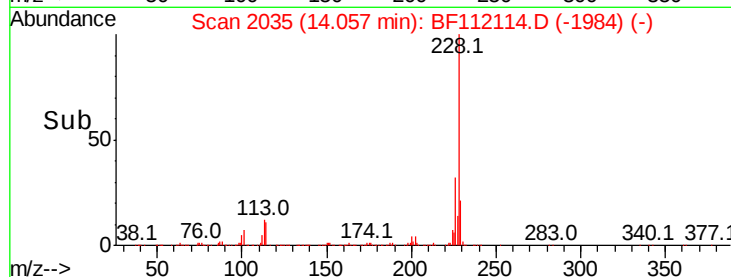
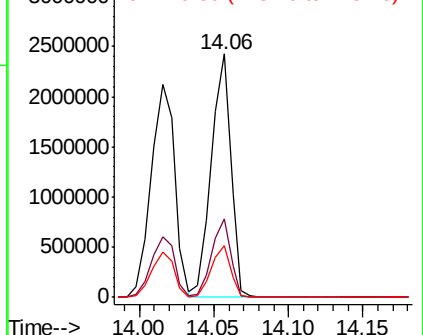
229 21.1 16.6 24.8



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: 40.704 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

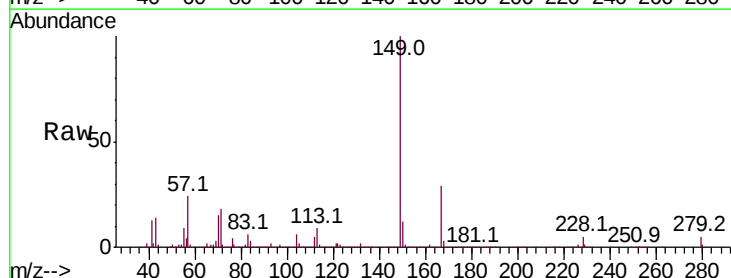
Tgt Ion:149 Resp: 1844315

Ion Ratio Lower Upper

149 100

167 29.4 22.5 33.7

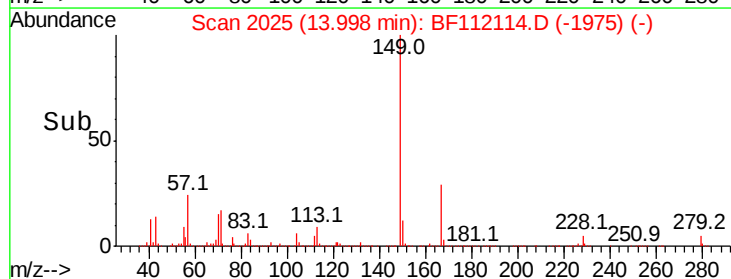
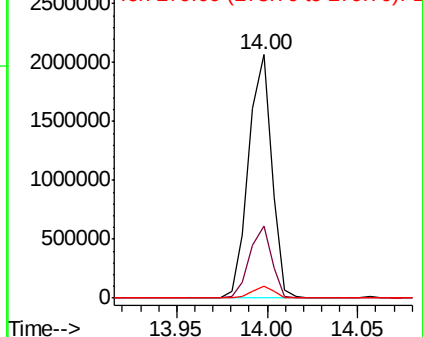
279 5.0 3.8 5.6

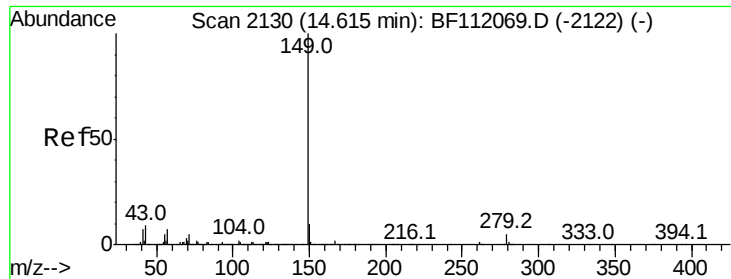


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

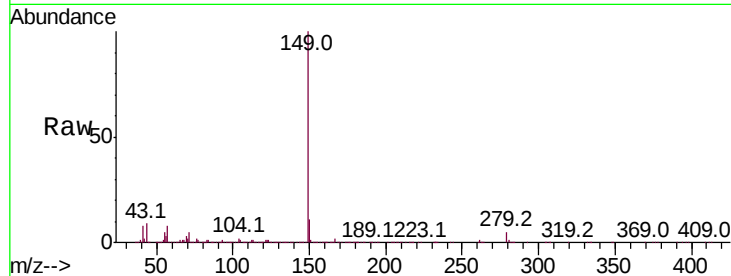




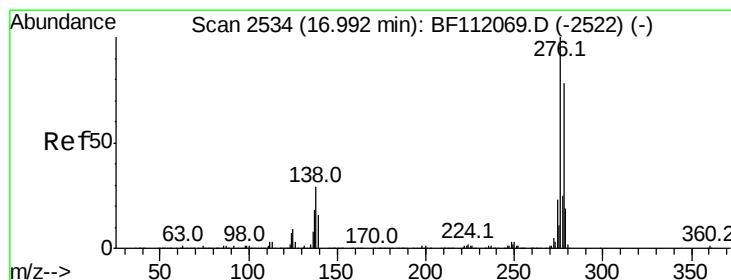
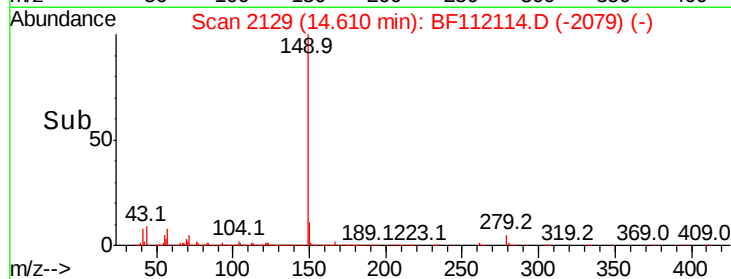
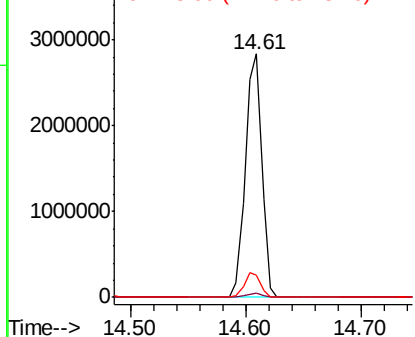
#85
Di-n-octyl phthalate
Concen: 40.123 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 2801107
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.9 7.8 11.6

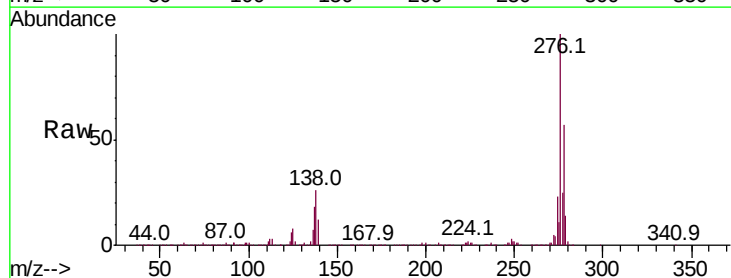


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

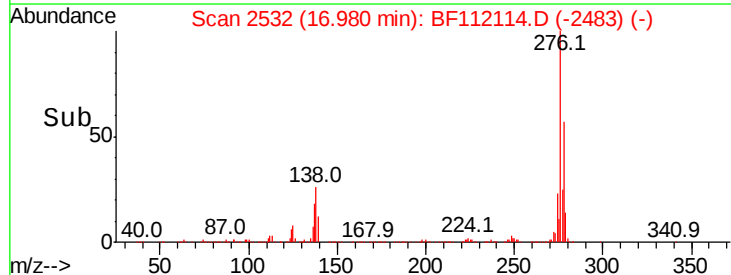
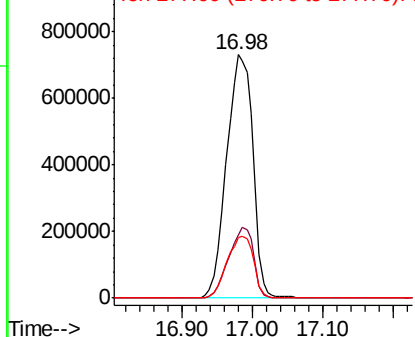


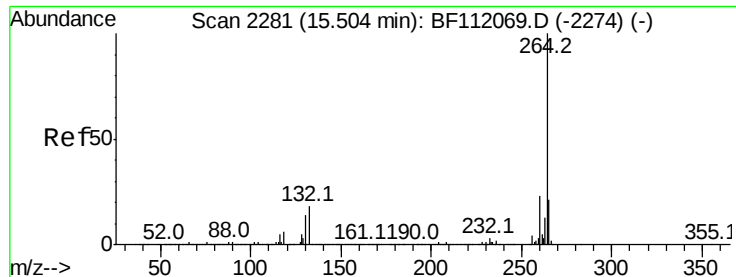
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.570 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF112114.D
Acq: 18 Jan 2019 9:12

Tgt Ion:276 Resp: 1890107
Ion Ratio Lower Upper
276 100
138 27.8 22.6 34.0
277 25.8 20.3 30.5



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

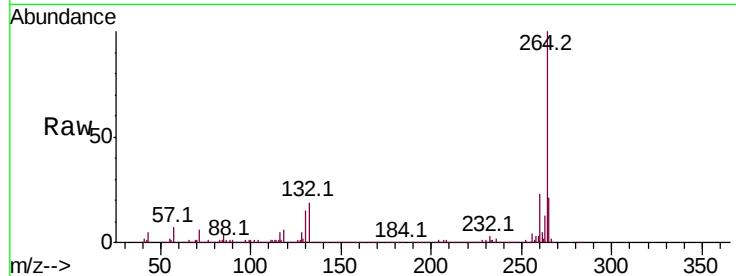




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.3	17.0	25.4

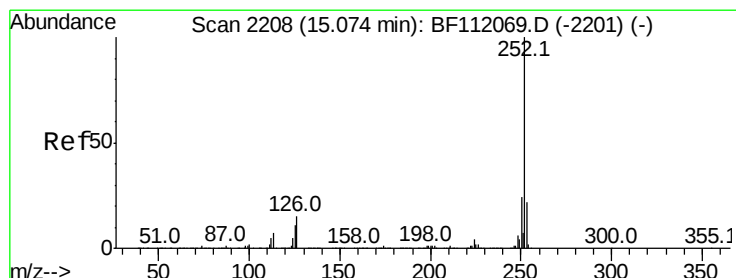
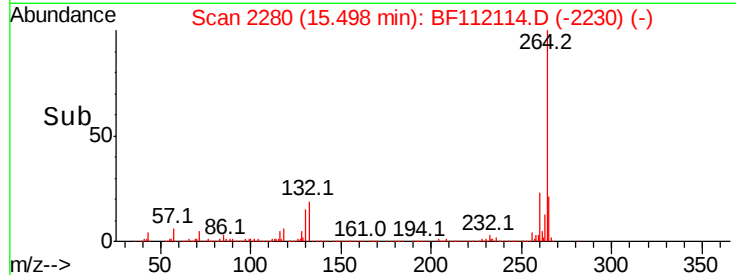
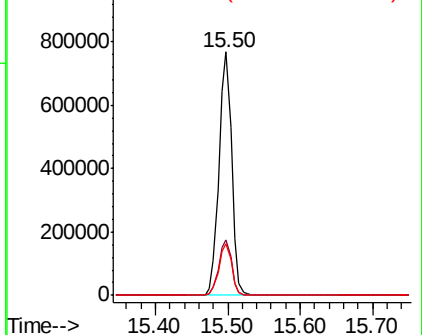


Abundance

Ion 264.00 (263.70 to 264.70): E

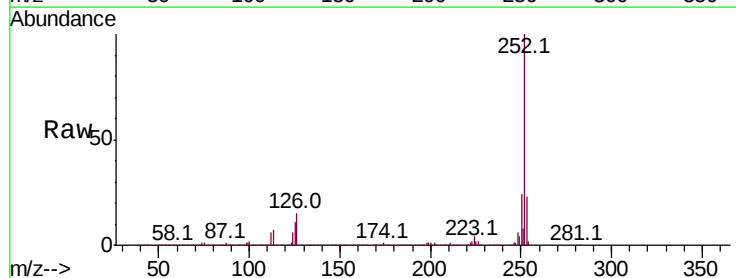
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
 Benzo(b)fluoranthene
 Concen: 37.781 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BF112114.D
 Acq: 18 Jan 2019 9:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.2	8.7	13.1

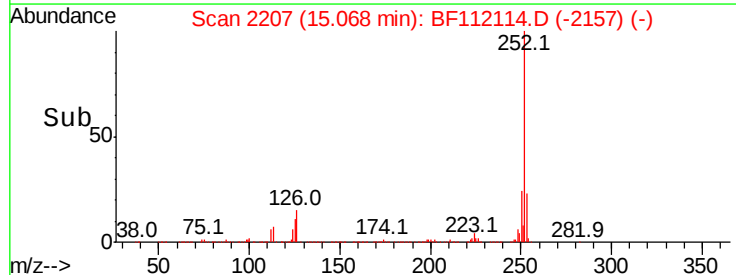
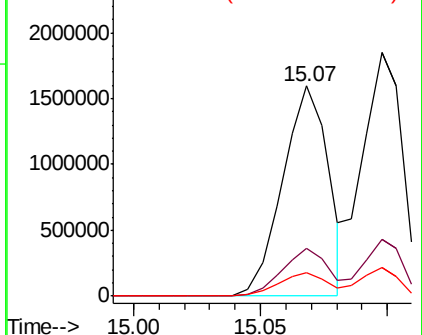


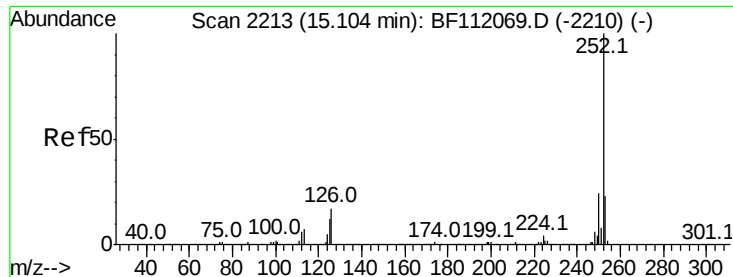
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.601 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

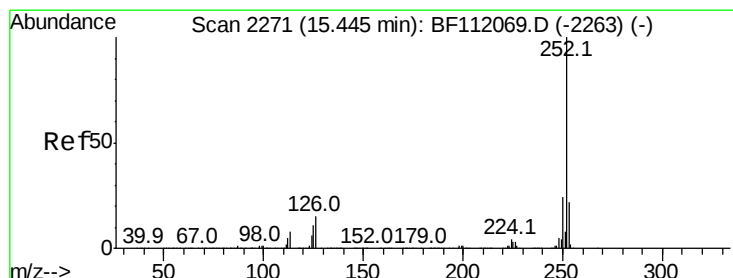
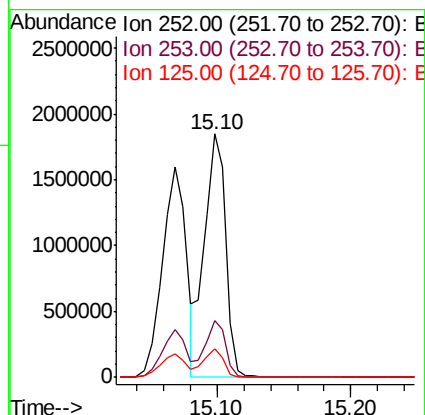
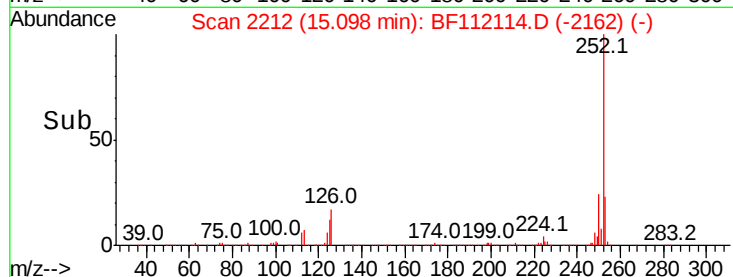
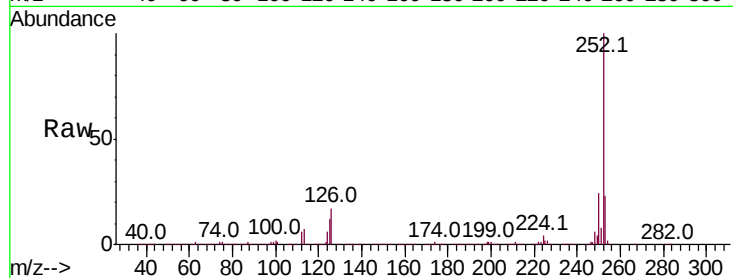
Tot Ion:252 Resp: 2039864

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 11.7 9.1 13.7



#90

Benzo(a)pyrene

Concen: 38.113 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

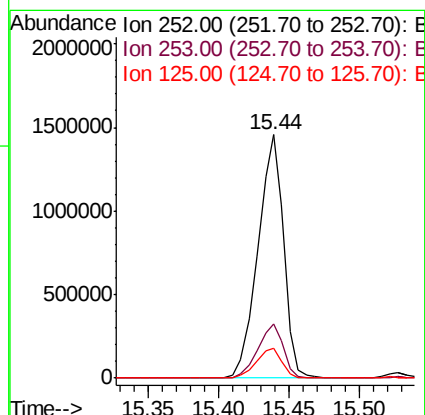
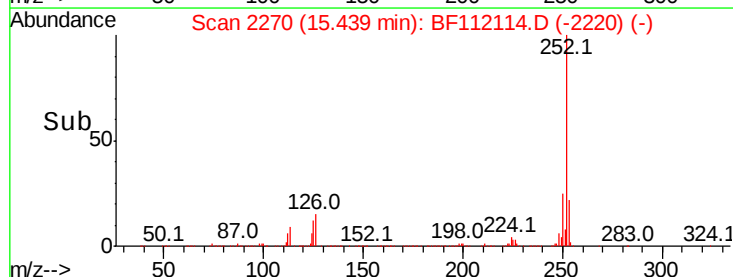
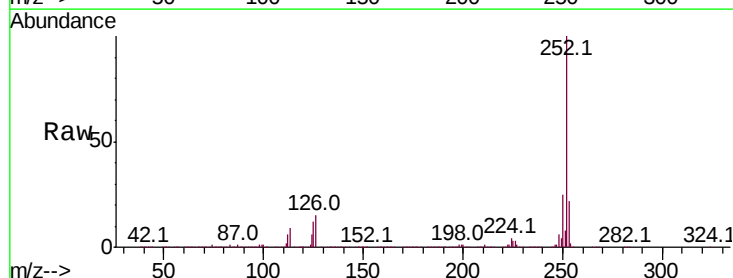
Tgt Ion:252 Resp: 1860169

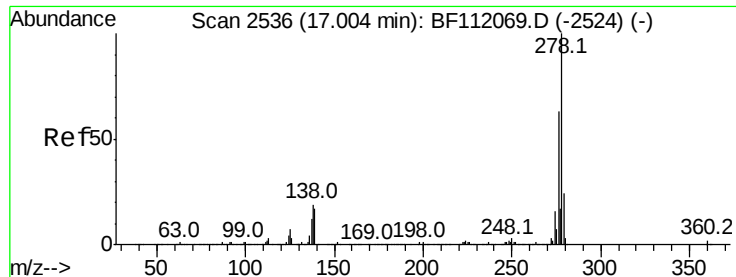
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 12.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 36.602 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

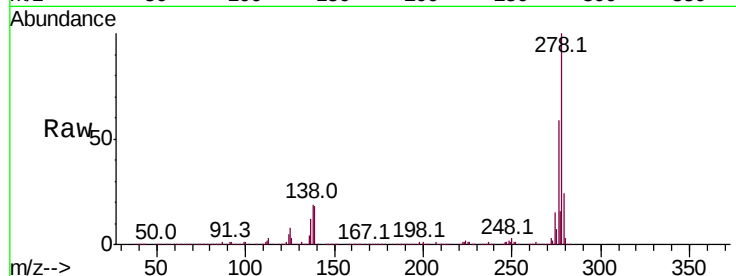
Tot Ion:278 Resp: 1586624

Ion Ratio Lower Upper

278 100

139 17.5 13.7 20.5

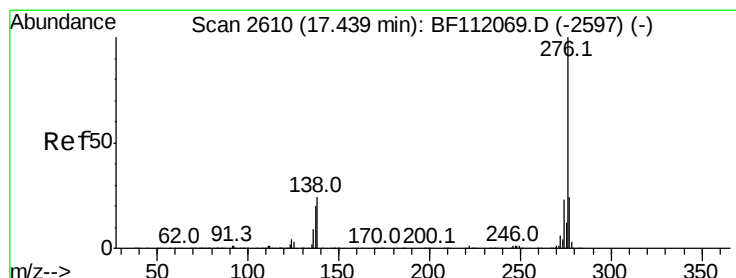
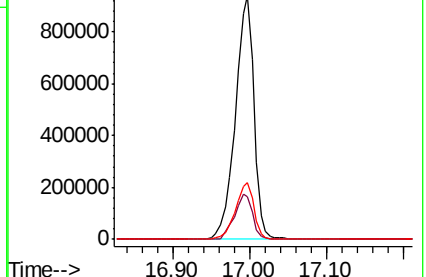
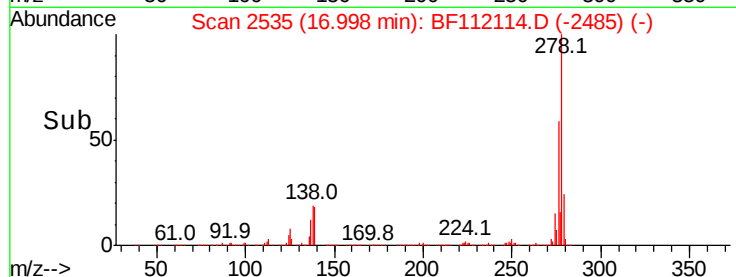
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.272 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF112114.D

Acq: 18 Jan 2019 9:12

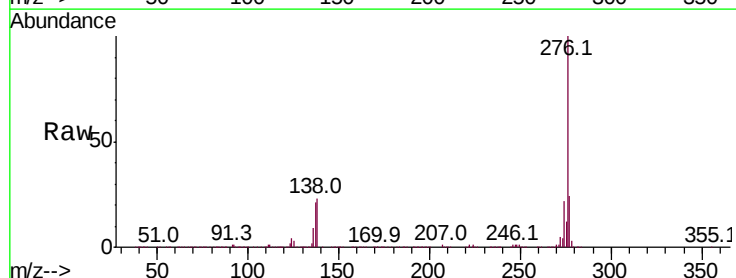
Tgt Ion:276 Resp: 1549005

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 23.5 19.1 28.7



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

