

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111238.D
 Acq On : 10 Dec 2018 13:17
 Operator : JU/SJ
 Sample : J6065-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:05:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	618923	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2250443	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1183193	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1970109	20.00	ng	0.00
76) Chrysene-d12	13.96	240	992983	20.00	ng	0.00
87) Perylene-d12	15.39	264	1041507	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	4270060	108.94	ng	0.02
7) Phenol-d6	6.44	99	5501557	112.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	3477156	86.66	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1132168	108.02	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4861626	66.88	ng	0.00
79) Terphenyl-d14	12.91	244	3752240	90.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	596598	29.666	ng	98
3) Pyridine	3.33	79	1667733	31.215	ng	99
4) n-Nitrosodimethylamine	3.26	42	880423	38.650	ng	95
6) Aniline	6.47	93	1095609	16.870	ng	98
8) 2-Chlorophenol	6.59	128	1593732	35.772	ng	97
9) Benzaldehyde	6.35	77	562474	16.734	ng	99
10) Phenol	6.45	94	2196024	38.557	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	1582433	35.924	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1618176	33.803	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1598147	33.063	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1502718	33.332	ng	98
15) Benzyl Alcohol	6.95	79	1404332	36.432	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2904091	35.214	ng	99
17) 2-Methylphenol	7.06	107	1357399	37.318	ng	97
18) Hexachloroethane	7.32	117	672244	36.529	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	1172663	35.938	ng	98
20) 3+4-Methylphenols	7.21	107	1545346	35.718	ng	96
22) Acetophenone	7.21	105	2096949	40.724	ng	# 98
24) Nitrobenzene	7.39	77	1685319	40.358	ng	94
25) Isophorone	7.63	82	3137018	45.905	ng	# 98
26) 2-Nitrophenol	7.70	139	855370	41.227	ng	96
27) 2,4-Dimethylphenol	7.74	122	1414959	44.134	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1947589	41.155	ng	99
29) 2,4-Dichlorophenol	7.95	162	1330180	40.576	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	1242996	38.493	ng	100
31) Naphthalene	8.11	128	4390762	44.704	ng	# 96
32) Benzoic acid	7.80	122	67260	2.537	ng	94
33) 4-Chloroaniline	8.15	127	598292	12.683	ng	98
34) Hexachlorobutadiene	8.23	225	664709	37.291	ng	99
35) Caprolactam	8.52	113	302151	26.010	ng	# 78
36) 4-Chloro-3-methylphenol	8.64	107	1420787	42.330	ng	100
37) 2-Methylnaphthalene	8.80	142	2896555	44.420	ng	98
38) 1-Methylnaphthalene	8.90	142	2784968	43.611	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1041109	31.623	ng	99

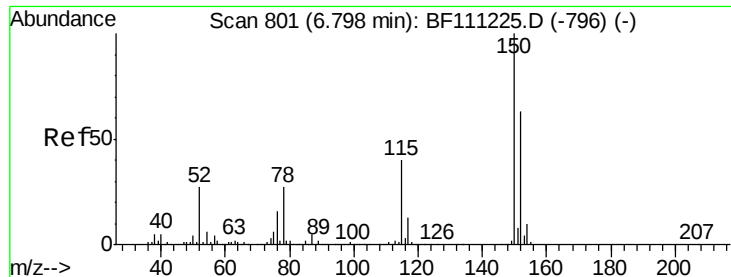
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111238.D
 Acq On : 10 Dec 2018 13:17
 Operator : JU/SJ
 Sample : J6065-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:05:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	983815	52.472	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	875275	35.418	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	917778	35.650	ng	96
46) 1,1'-Biphenyl	9.26	154	3210145	31.798	ng	100
47) 2-Chloronaphthalene	9.29	162	2598457	33.564	ng	99
48) 2-Nitroaniline	9.37	65	965331	36.552	ng	98
49) Acenaphthylene	9.70	152	3902580	34.723	ng	99
50) Dimethylphthalate	9.57	163	3395999	38.899	ng	99
51) 2,6-Dinitrotoluene	9.62	165	724449	37.575	ng	92
52) Acenaphthene	9.87	154	2418805	34.295	ng	99
53) 3-Nitroaniline	9.79	138	502334	21.109	ng	96
54) 2,4-Dinitrophenol	9.89	184	145985	19.161	ng	# 74
55) Dibenzofuran	10.05	168	3484600	36.316	ng	98
56) 4-Nitrophenol	9.95	139	1229018	66.311	ng	99
57) 2,4-Dinitrotoluene	10.02	165	970363	40.826	ng	94
58) Fluorene	10.39	166	2536741	34.164	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	737653	37.802	ng	100
60) Diethylphthalate	10.27	149	2947540	35.414	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1161484	31.505	ng	98
62) 4-Nitroaniline	10.40	138	762668	33.871	ng	97
63) Azobenzene	10.54	77	2966983	34.335	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	333575	29.000	ng	# 79
66) n-Nitrosodiphenylamine	10.50	169	2434423	36.300	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	756226	35.046	ng	97
68) Hexachlorobenzene	10.94	284	763541	34.784	ng	97
69) Atrazine	11.03	200	768666	37.692	ng	98
70) Pentachlorophenol	11.13	266	885975	55.638	ng	98
71) Phenanthrene	11.35	178	3554760	35.773	ng	99
72) Anthracene	11.40	178	3609678	34.721	ng	99
73) Carbazole	11.55	167	3458737	31.817	ng	99
74) Di-n-butylphthalate	11.89	149	4029630	36.064	ng	100
75) Fluoranthene	12.53	202	3402402	37.482	ng	97
77) Benzidine	12.65	184	361439	12.259	ng	99
78) Pyrene	12.76	202	3372147	47.522	ng	99
80) Butylbenzylphthalate	13.39	149	1555441	41.967	ng	94
81) Benzo(a)anthracene	13.94	228	2189981	39.532	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	435525	19.181	ng	99
83) Chrysene	13.99	228	2269234	39.734	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1673443	37.997	ng	99
85) Di-n-octyl phthalate	14.56	149	2859021	38.731	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2579438	55.952	ng	99
88) Benzo(b)fluoranthene	14.98	252	2391109	41.514	ng	99
89) Benzo(k)fluoranthene	15.01	252	1887721	34.859	ng	98
90) Benzo(a)pyrene	15.33	252	2154451	40.619	ng	100
91) Dibenzo(a,h)anthracene	16.83	278	2078362	49.888	ng	99
92) Benzo(g,h,i)perylene	17.24	276	2253990	54.048	ng	98

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

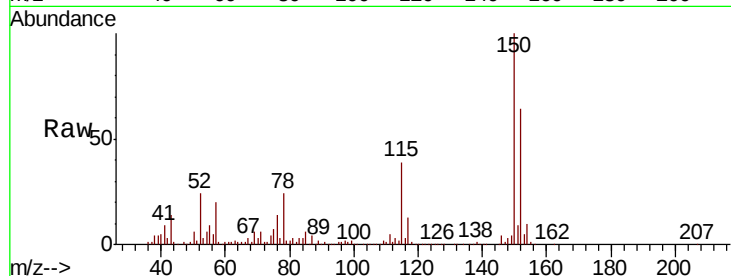


#1

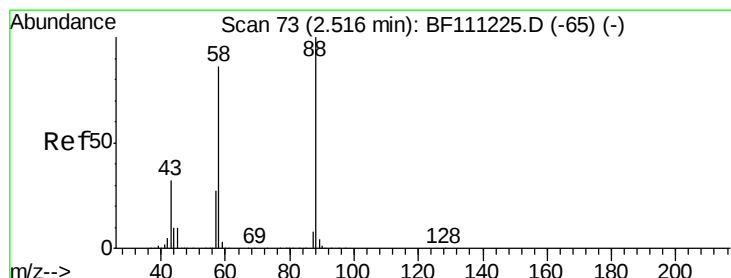
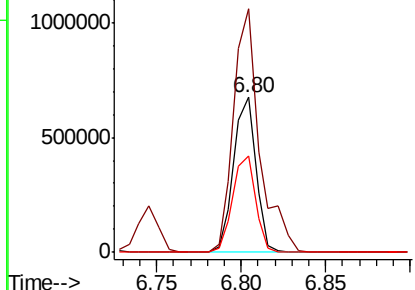
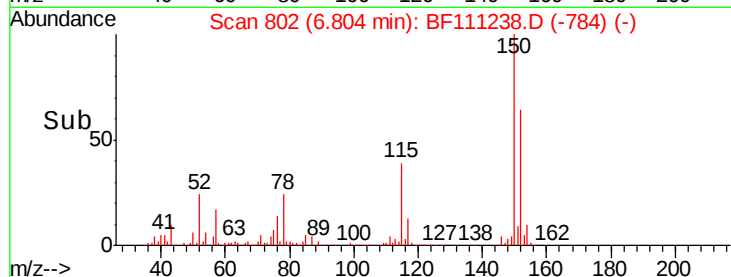
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 618923
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 61.8 50.7 76.1



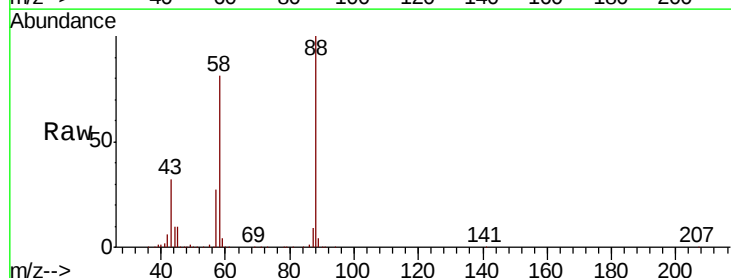
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



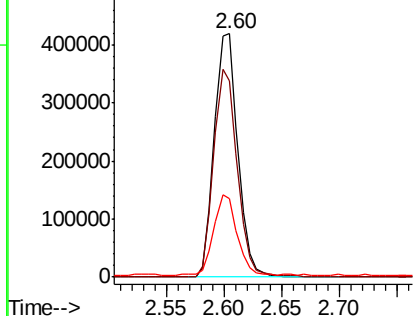
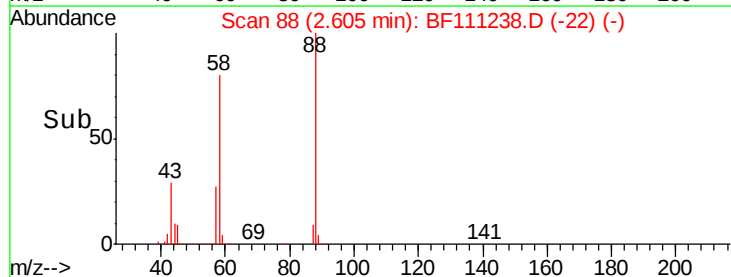
#2

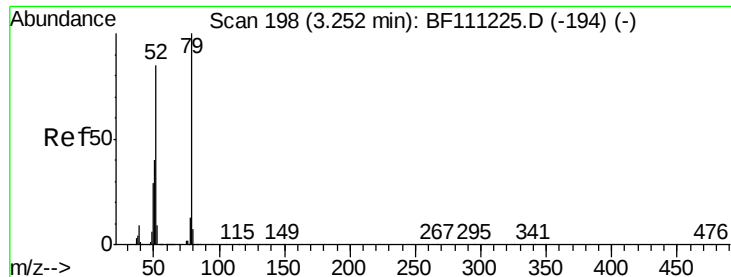
1,4-Dioxane
Concen: 29.666 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.09 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion: 88 Resp: 596598
Ion Ratio Lower Upper
88 100
58 84.8 68.9 103.3
43 33.3 25.8 38.6



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: 31.215 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

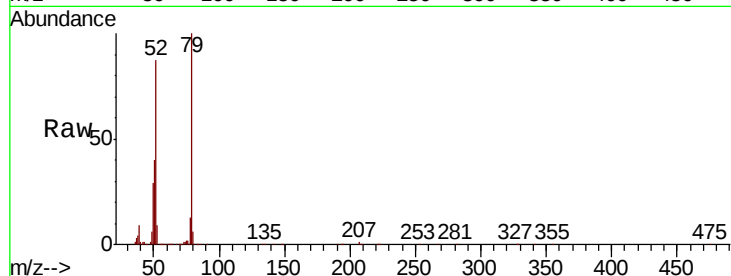
Tot Ion: 79 Resp: 1667733

Ion Ratio Lower Upper

79 100

52 86.5 68.3 102.5

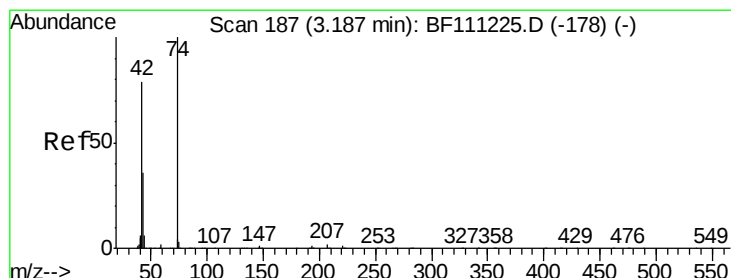
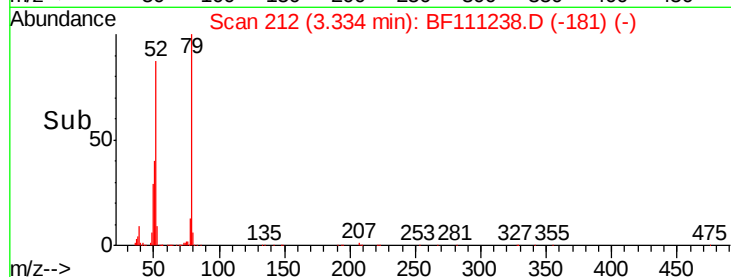
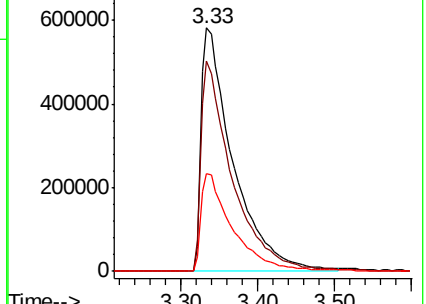
51 40.1 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.650 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.08 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

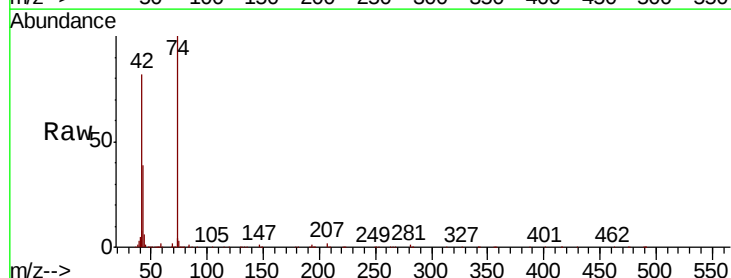
Tgt Ion: 42 Resp: 880423

Ion Ratio Lower Upper

42 100

74 121.2 101.5 152.3

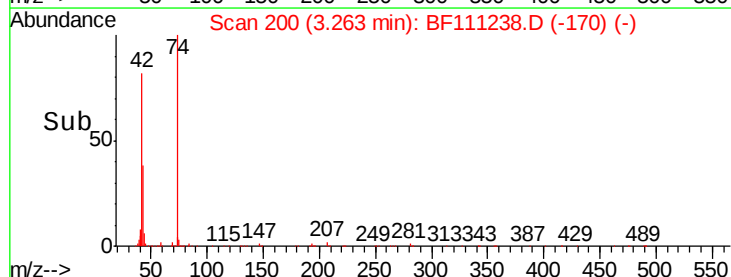
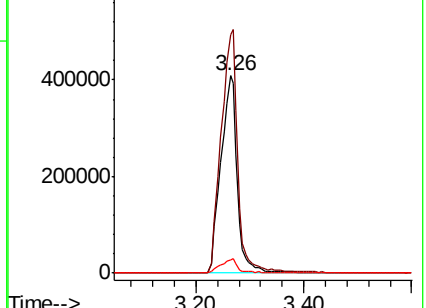
44 7.0 6.0 9.0

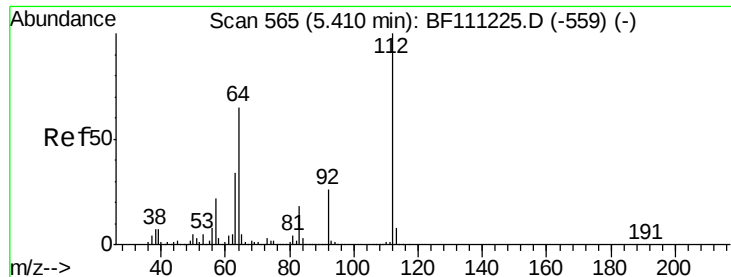


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.943 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

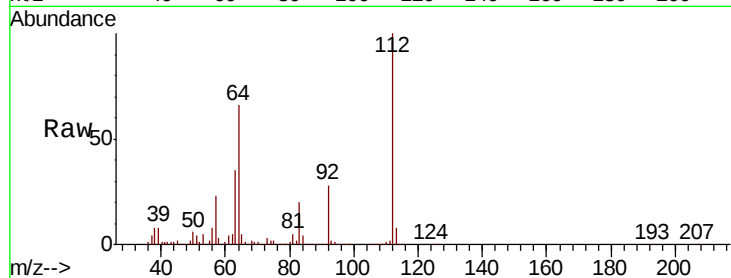
Tot Ion:112 Resp: 4270060

Ion Ratio Lower Upper

112 100

64 65.8 51.8 77.6

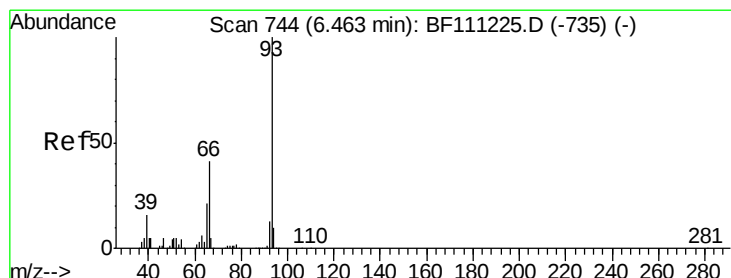
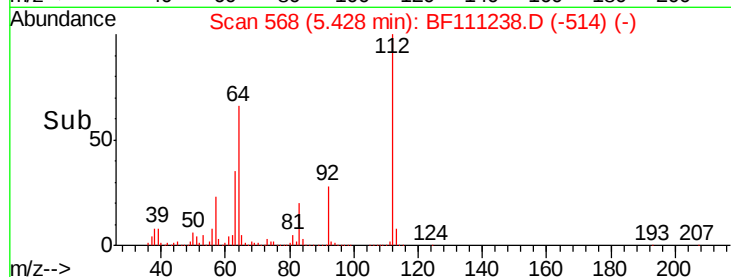
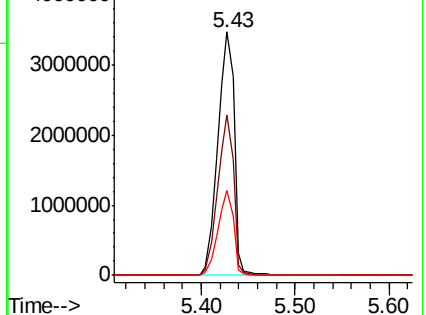
63 34.9 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.870 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

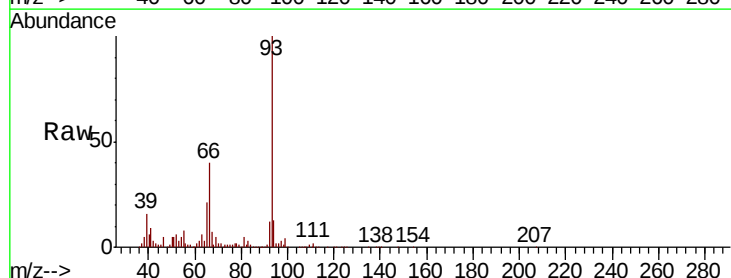
Tgt Ion: 93 Resp: 1095609

Ion Ratio Lower Upper

93 100

66 40.0 33.2 49.8

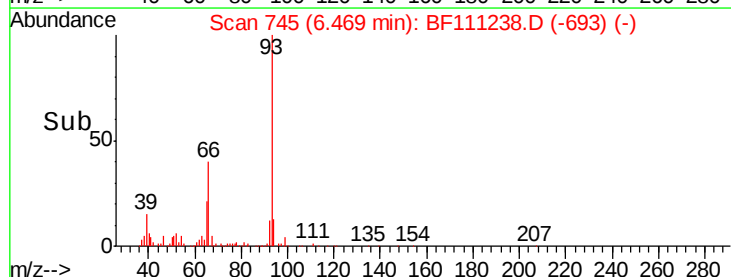
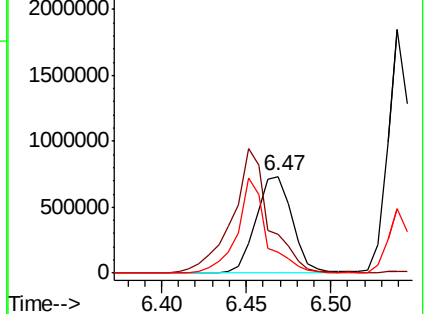
65 21.4 17.0 25.4

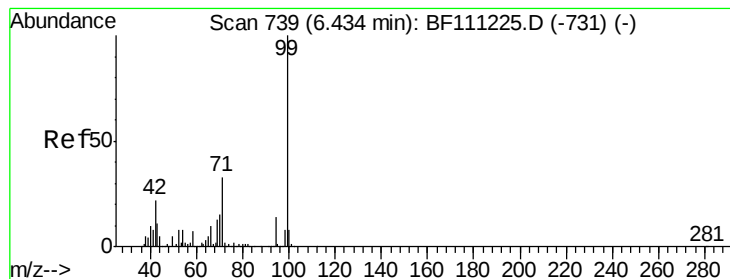


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.945 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

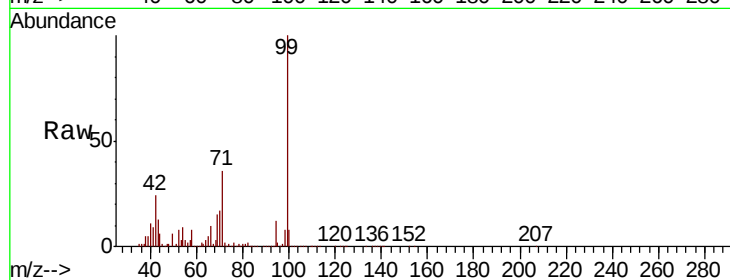
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 5501557

Ion	Ratio	Lower	Upper
99	100		
42	24.1	17.4	26.0
71	36.0	26.1	39.1

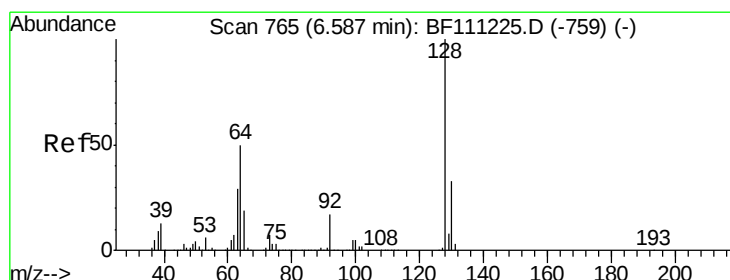
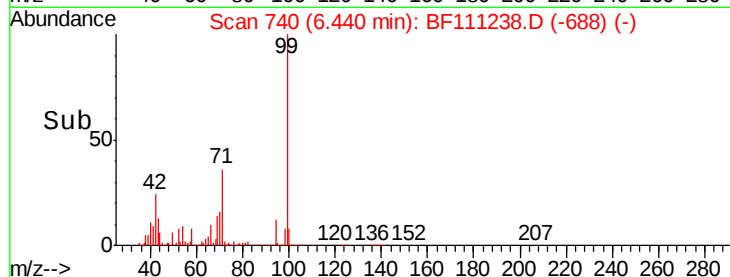
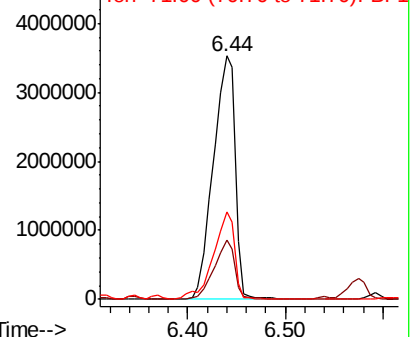


Abundance

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: 35.772 ng

RT: 6.59 min Scan# 766

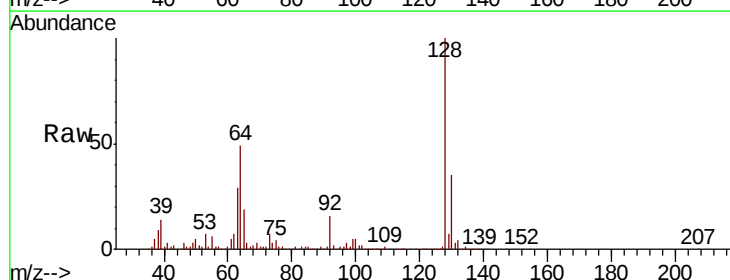
Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Tgt Ion: 128 Resp: 1593732

Ion	Ratio	Lower	Upper
128	100		
130	35.0	12.7	52.7
64	48.6	30.0	70.0

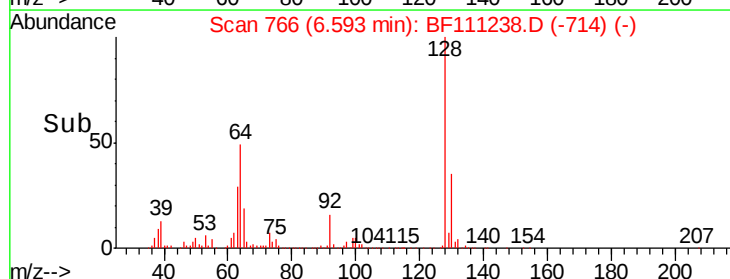
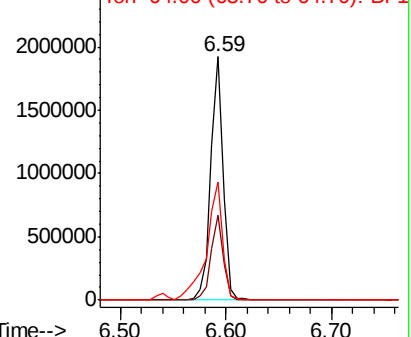


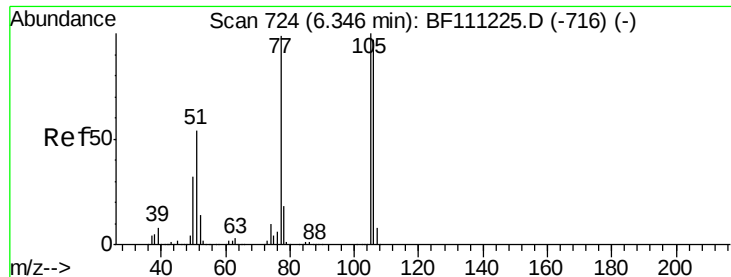
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.734 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

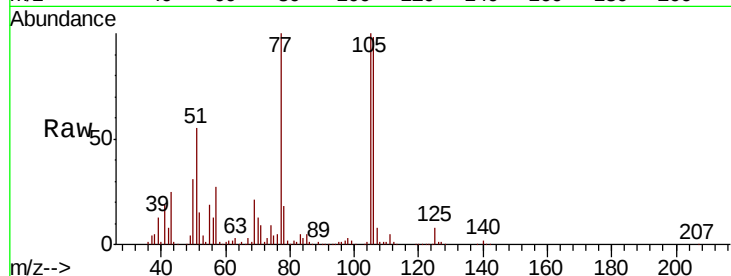
Tot Ion: 77 Resp: 562474

Ion Ratio Lower Upper

77 100

105 100.4 81.4 121.4

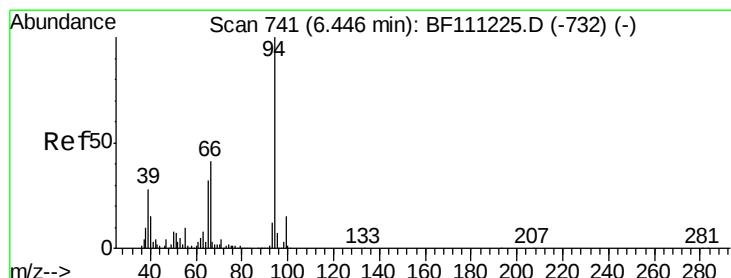
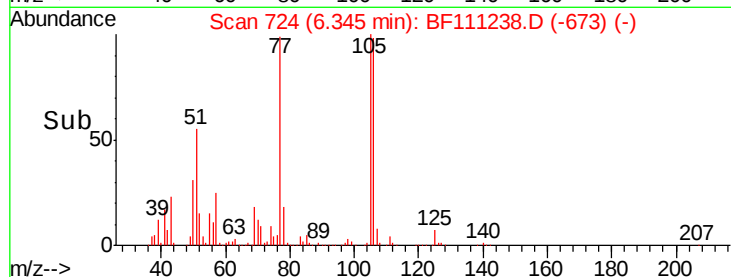
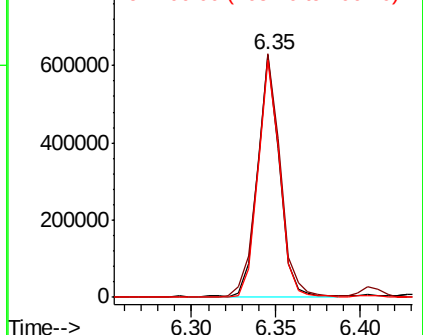
106 98.0 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.557 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

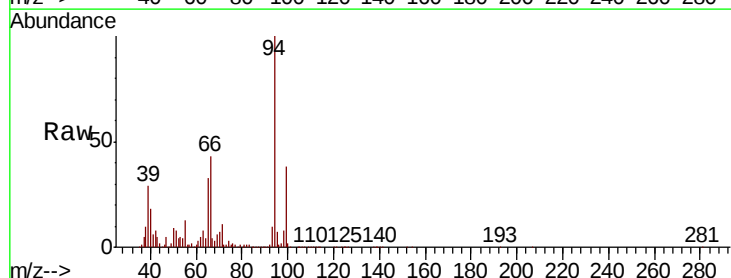
Tgt Ion: 94 Resp: 2196024

Ion Ratio Lower Upper

94 100

65 32.7 11.7 51.7

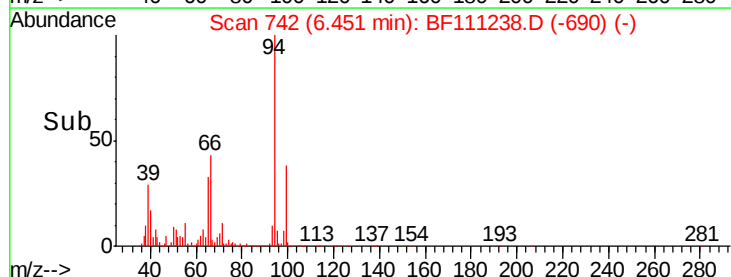
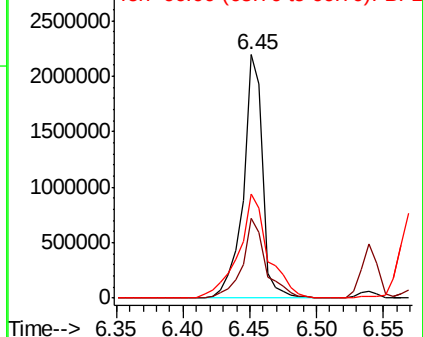
66 43.0 21.0 61.0

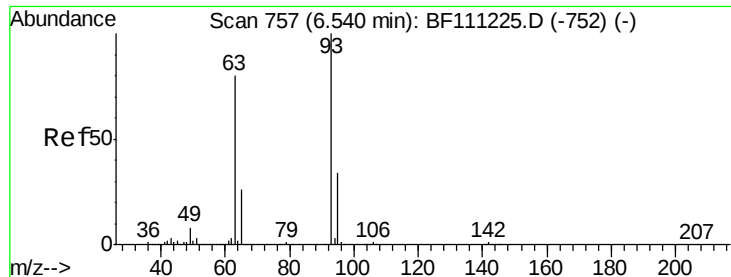


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

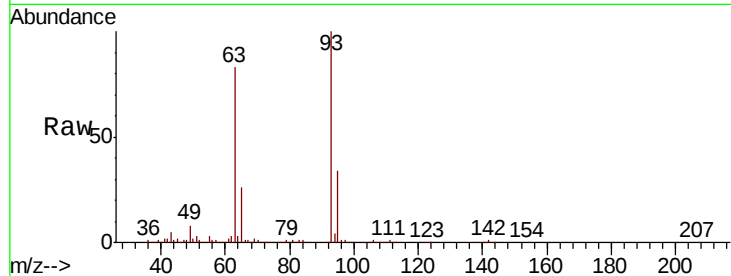




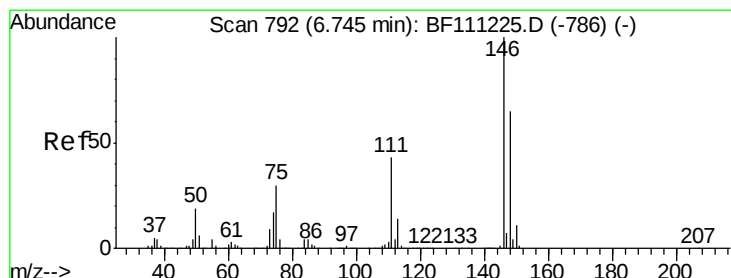
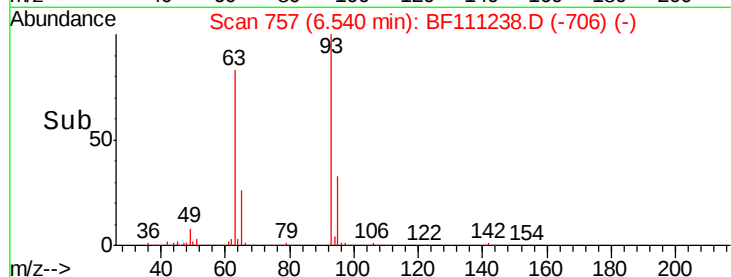
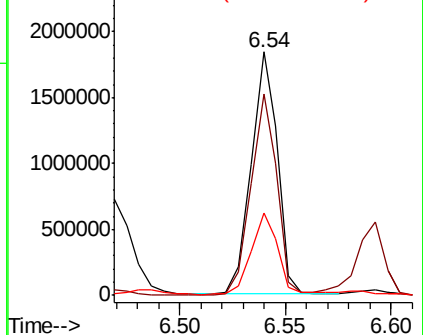
#11
 bis(2-Chloroethyl)ether
 Concen: 35.924 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 1582433
 Ion Ratio Lower Upper
 93 100
 63 82.6 60.0 100.0
 95 33.6 13.4 53.4

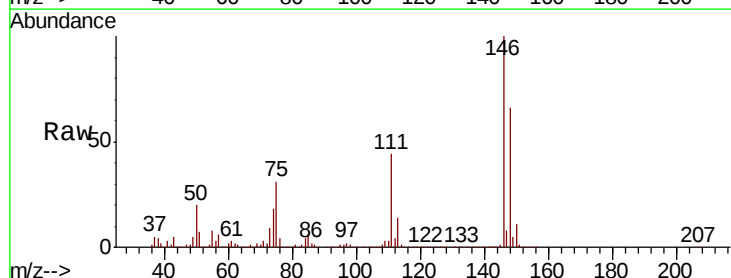


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

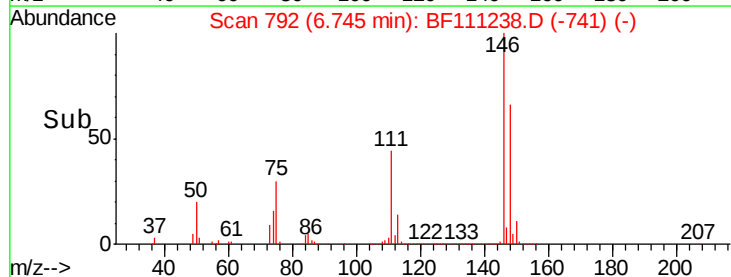
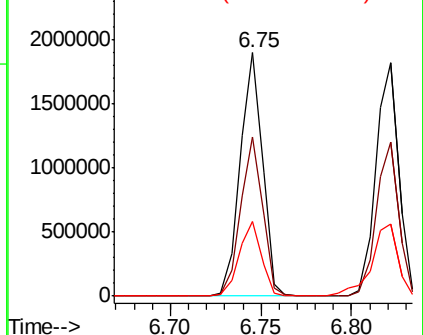


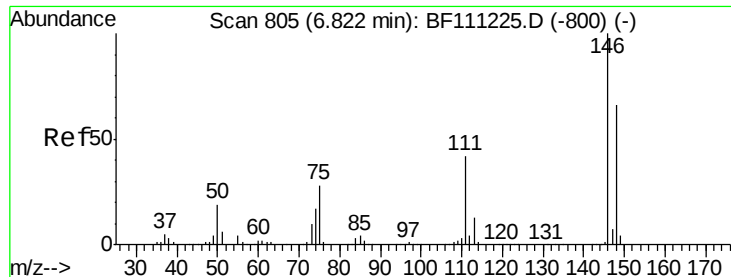
#12
 1,3-Dichlorobenzene
 Concen: 33.803 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion: 146 Resp: 1618176
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.1 78.1
 75 30.8 23.9 35.9



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



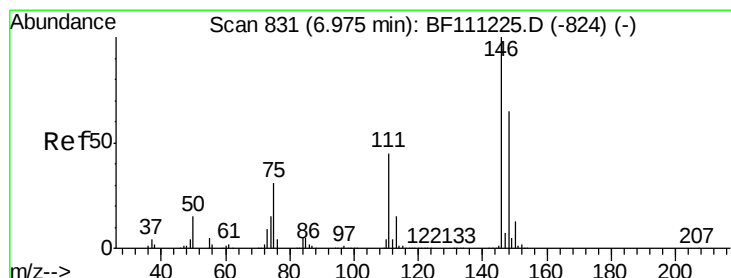
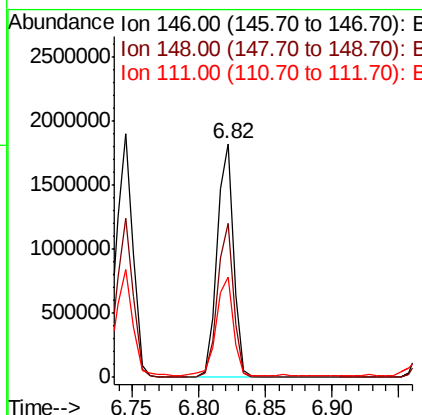
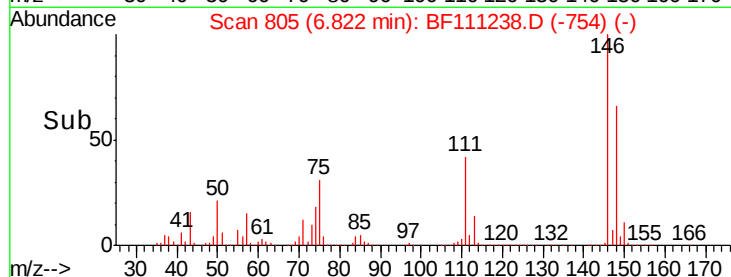
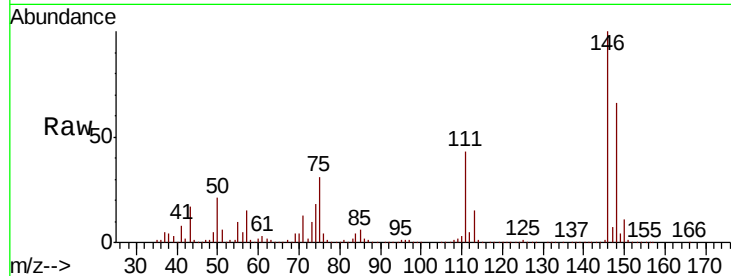


#13
 1,4-Dichlorobenzene
 Concen: 33.063 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1598147

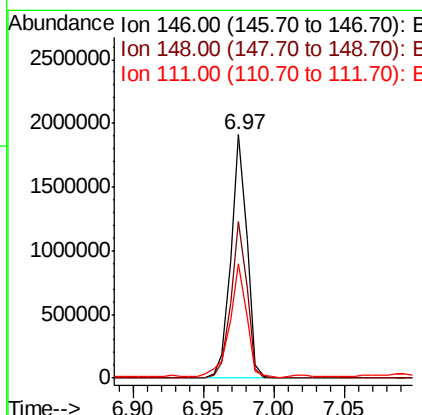
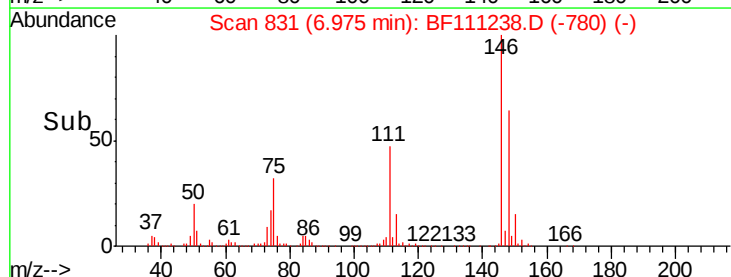
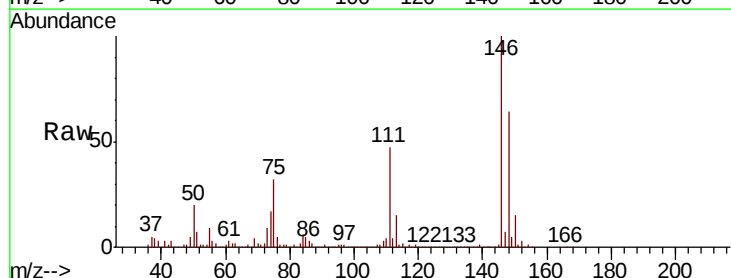
Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.8	79.2
111	42.6	33.4	50.0

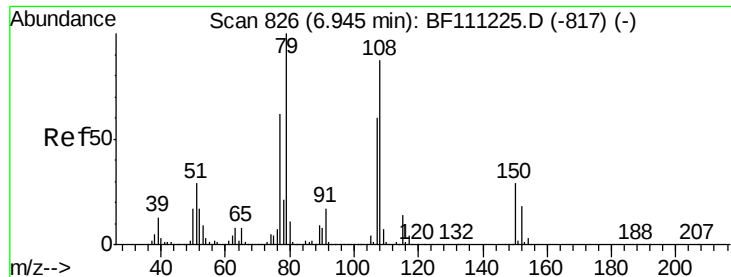


#14
 1,2-Dichlorobenzene
 Concen: 33.332 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion:146 Resp: 1502718

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	47.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 36.432 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

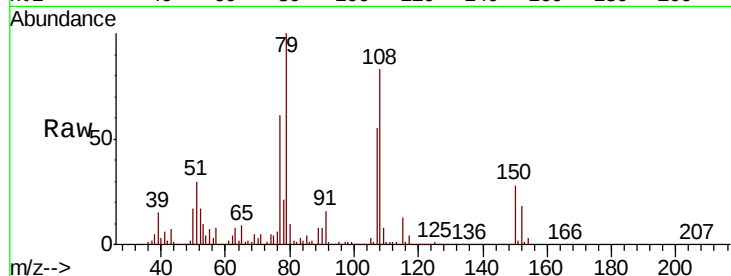
Tot Ion: 79 Resp: 1404332

Ion Ratio Lower Upper

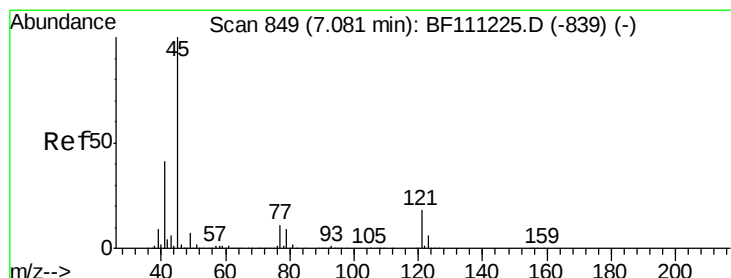
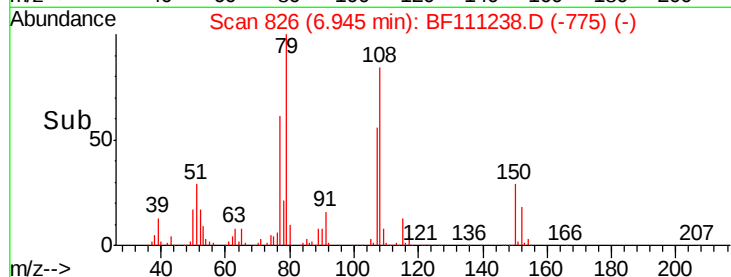
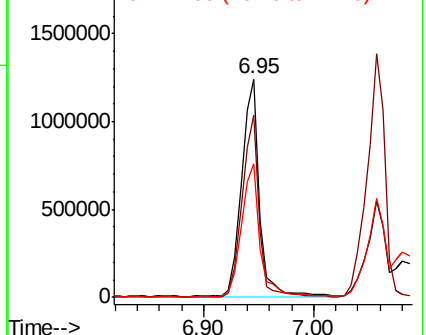
79 100

108 83.2 69.4 104.2

77 61.2 49.7 74.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.214 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

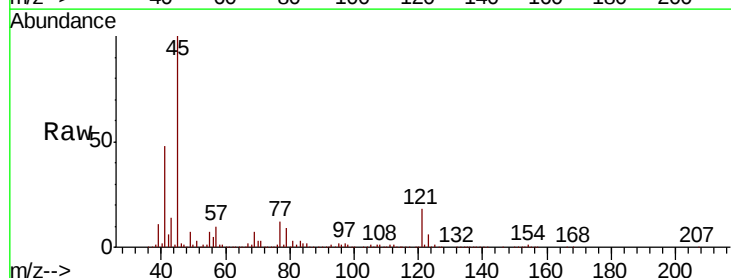
Tgt Ion: 45 Resp: 2904091

Ion Ratio Lower Upper

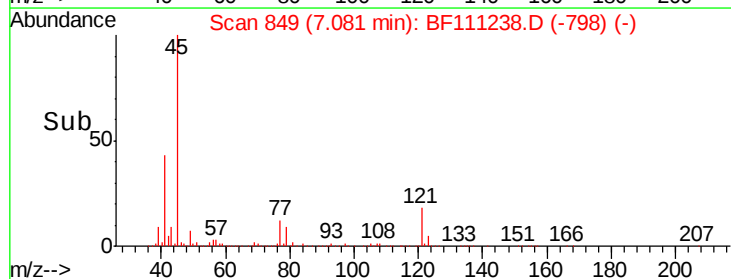
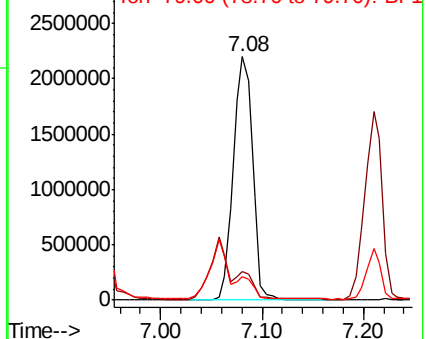
45 100

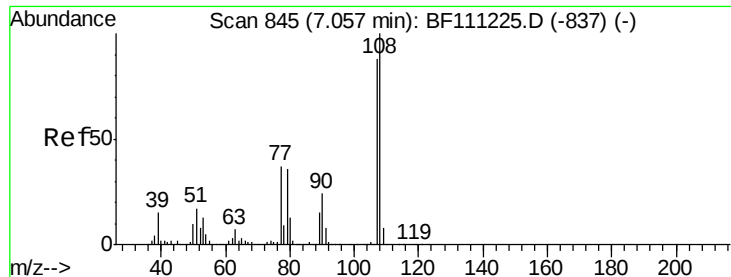
77 11.8 0.0 31.5

79 9.4 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.318 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

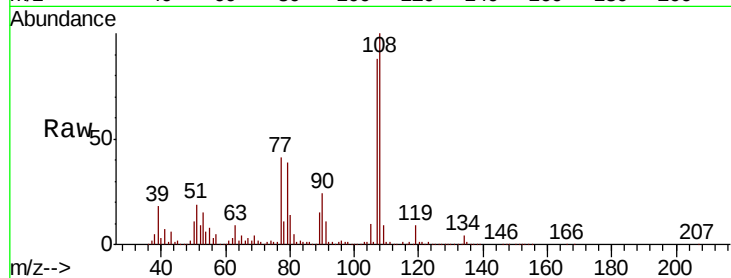
Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1357399

Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.0	136.4
77	46.4	33.5	50.3
79	44.9	33.3	49.9

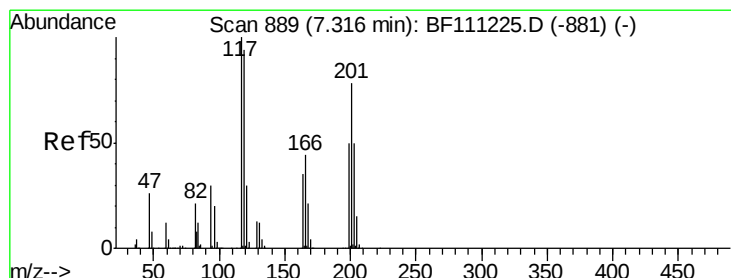
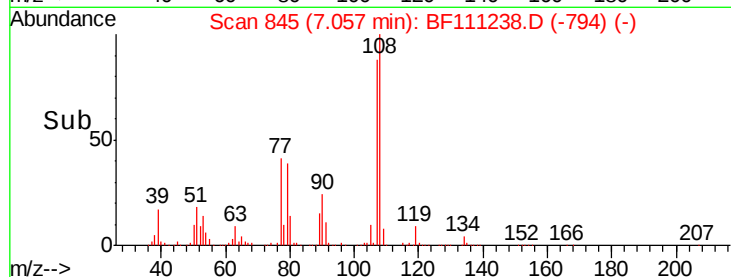


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.529 ng

RT: 7.32 min Scan# 889

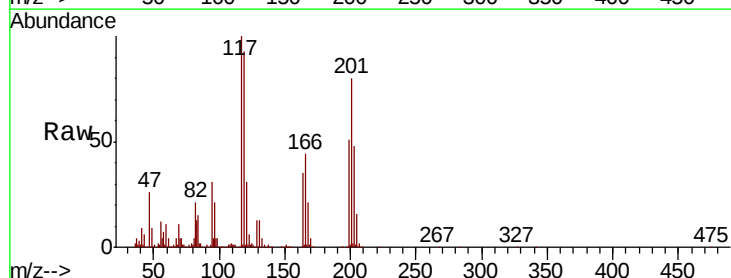
Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Tgt Ion:117 Resp: 672244

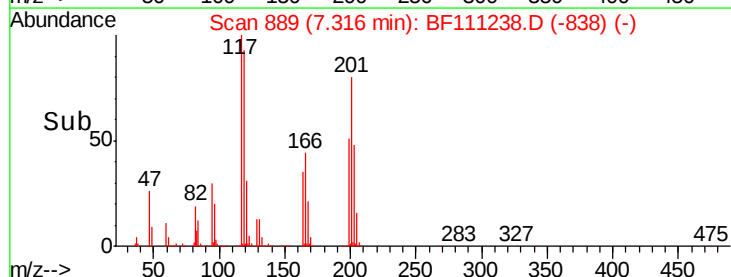
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.4	113.0
201	79.9	62.4	93.6

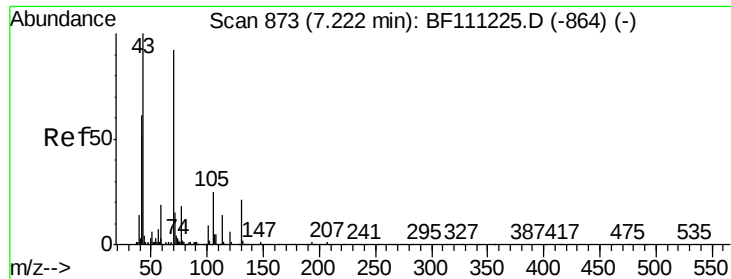


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

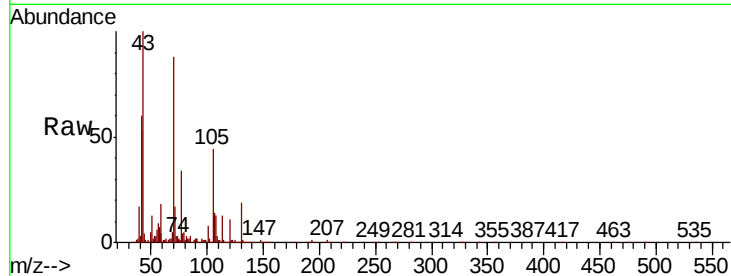




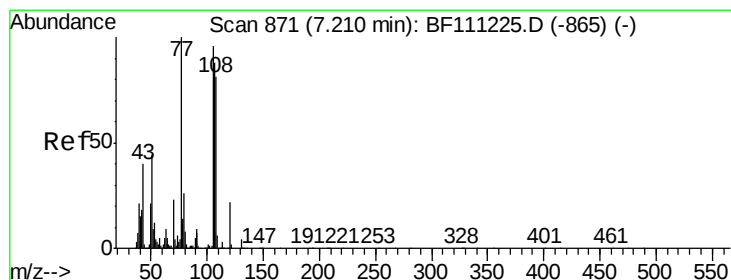
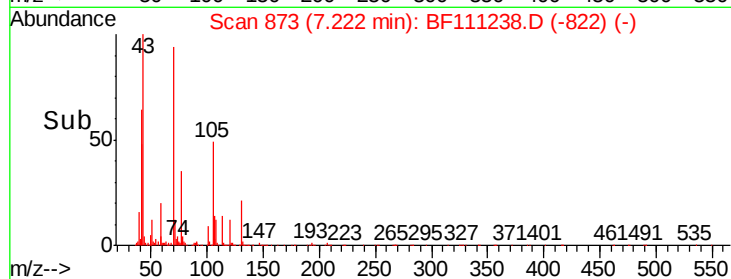
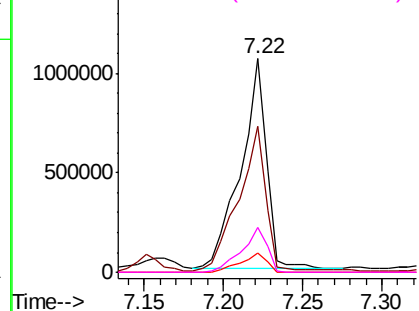
#19
n-Nitroso-di-n-propylamine
Concen: 35.938 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1172663
Ion Ratio Lower Upper
70 100
42 68.2 53.2 79.8
101 9.2 8.2 12.4
130 21.2 18.1 27.1

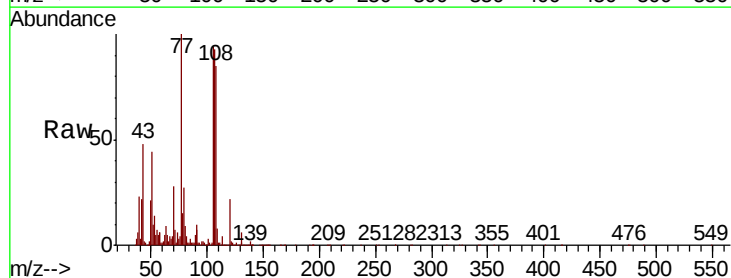


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

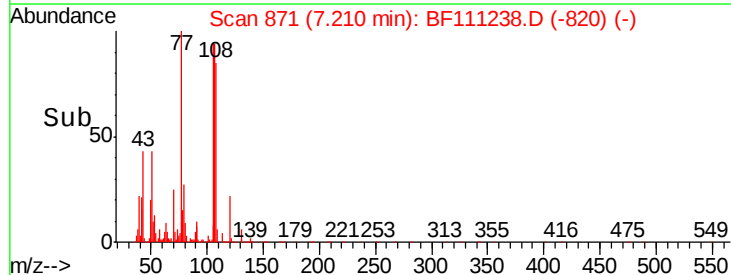
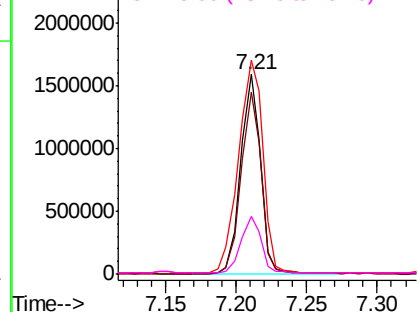


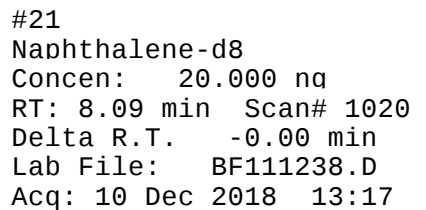
#20
3+4-Methylphenols
Concen: 35.718 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:107 Resp: 1545346
Ion Ratio Lower Upper
107 100
108 91.4 72.1 112.1
77 107.2 94.1 134.1
79 29.1 9.8 49.8



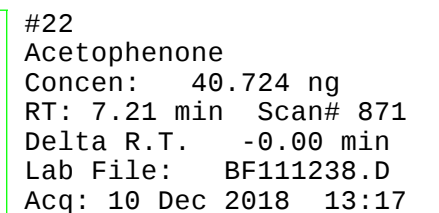
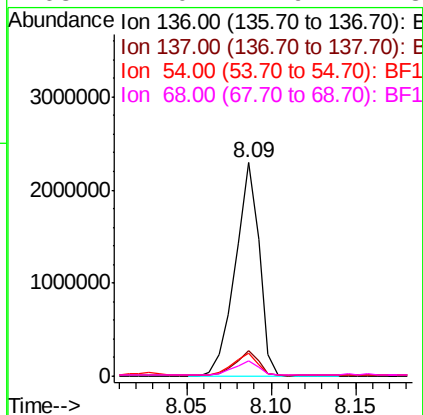
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



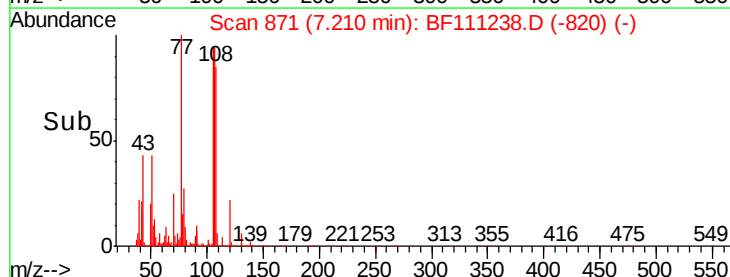
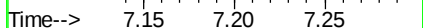
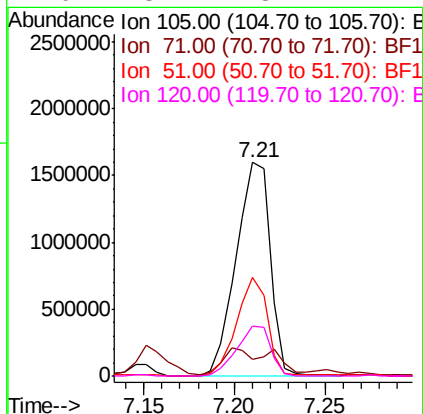


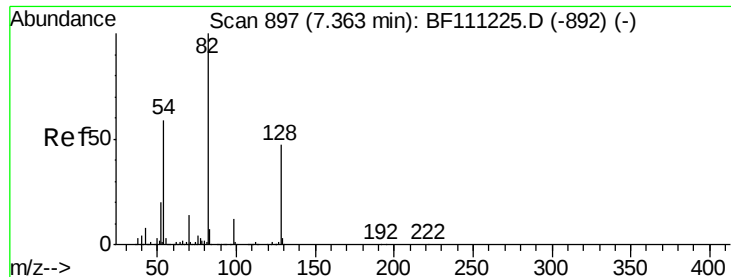
Instrument :
BNA_F
ClientSampleId :

Tot	Ion:136	Resp:	2250443
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.6	7.7	11.5
68	7.0	4.9	7.3



Tgt	Ion:105	Resp:	2096949
Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.1	4.7#
51	46.4	36.6	54.8
120	23.4	18.2	27.4

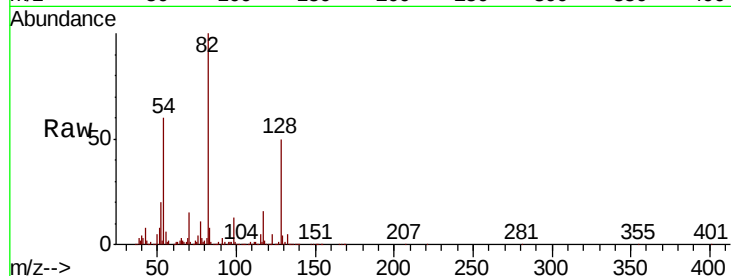




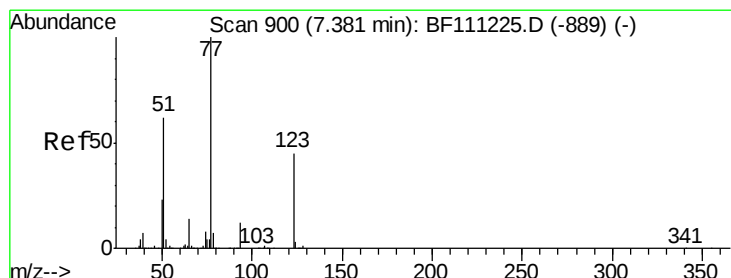
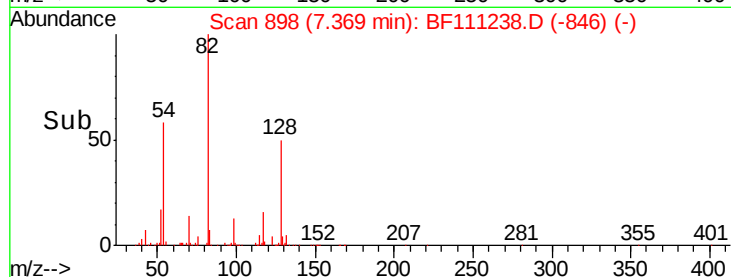
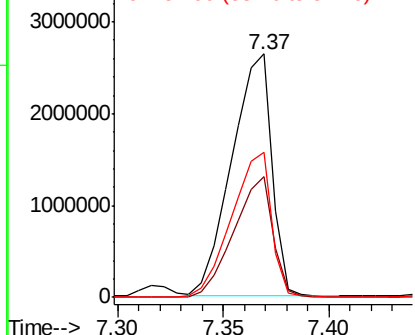
#23
 Nitrobenzene-d5
 Concen: 86.662 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 3477156
 Ion Ratio Lower Upper
 82 100
 128 49.6 37.4 56.2
 54 59.5 47.6 71.4

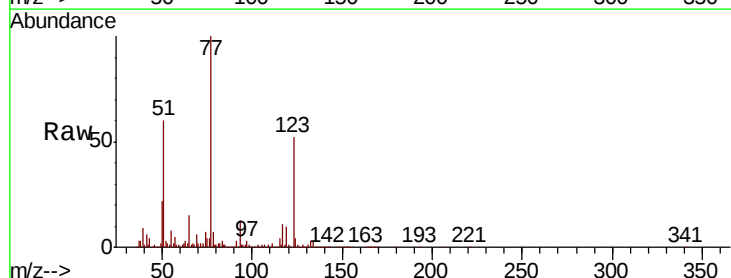


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

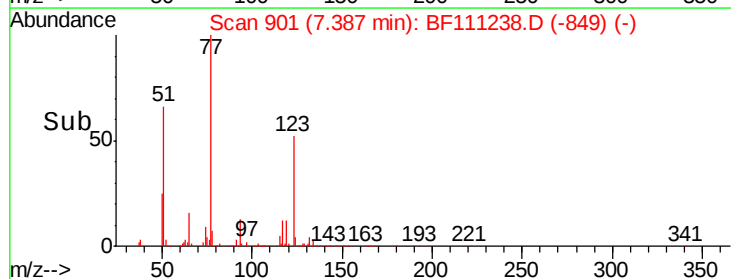
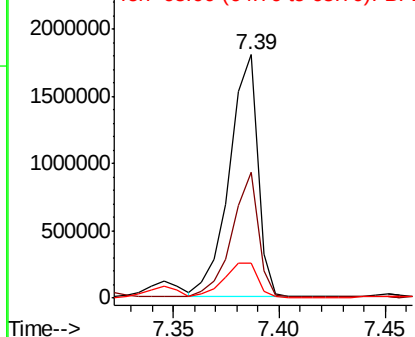


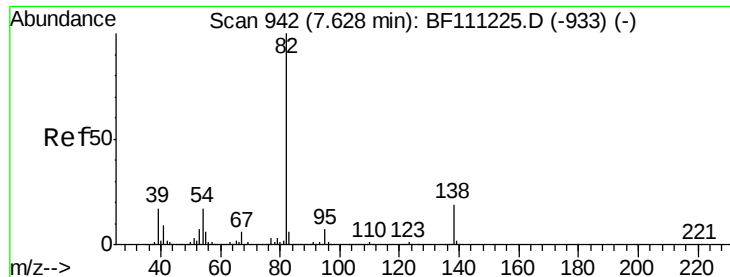
#24
 Nitrobenzene
 Concen: 40.358 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion: 77 Resp: 1685319
 Ion Ratio Lower Upper
 77 100
 123 51.6 37.2 55.8
 65 14.5 11.5 17.3



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





#25

Isophorone

Concen: 45.905 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

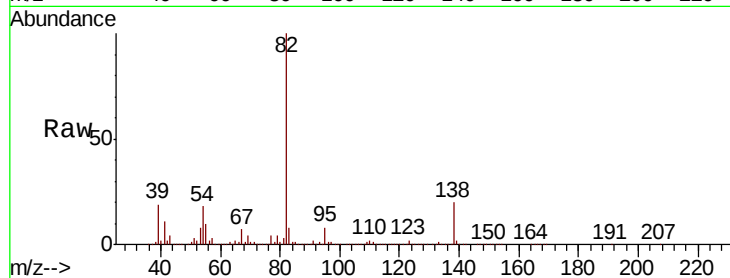
Instrument :

BNA_F

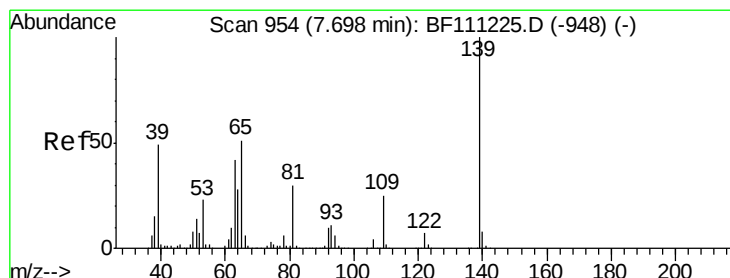
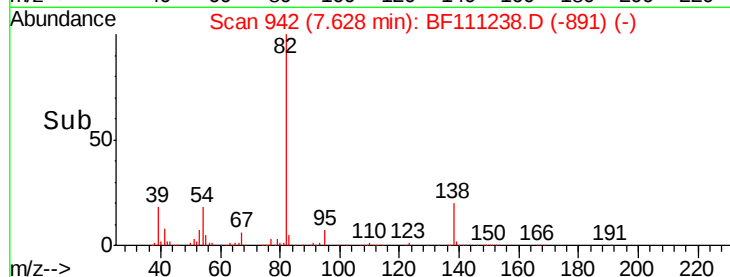
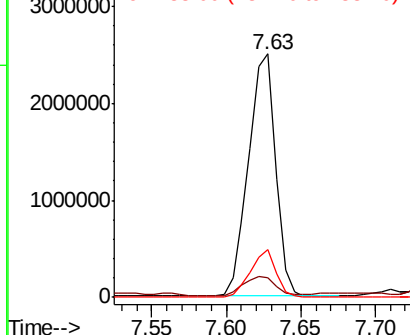
ClientSampleId :

Tot Ion: 82 Resp: 3137018

Ion	Ratio	Lower	Upper
82	100		
95	8.3	5.4	8.2#
138	19.7	15.1	22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.227 ng

RT: 7.70 min Scan# 954

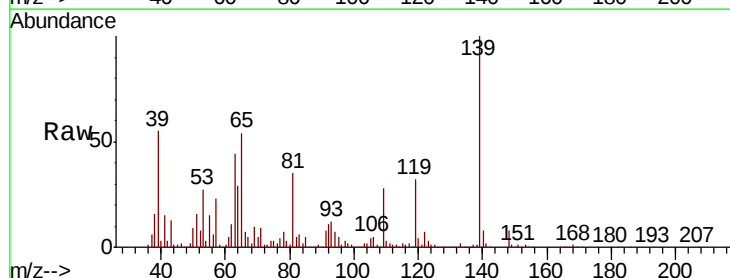
Delta R.T. -0.00 min

Lab File: BF111238.D

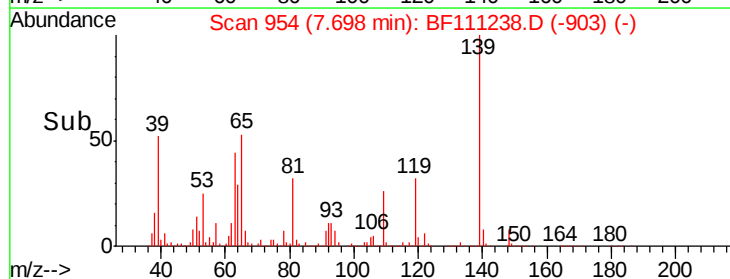
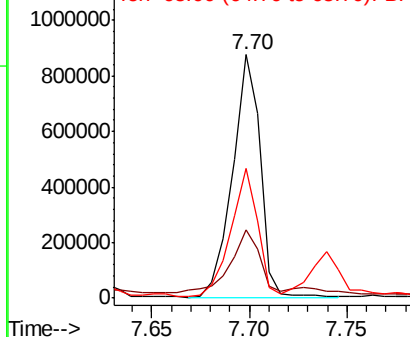
Acq: 10 Dec 2018 13:17

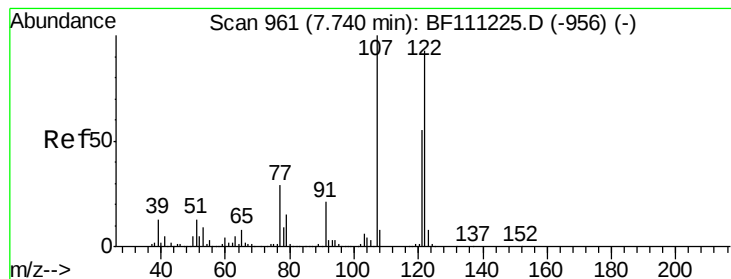
Tgt Ion: 139 Resp: 855370

Ion	Ratio	Lower	Upper
139	100		
109	28.0	20.2	30.4
65	53.5	40.7	61.1



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





#27

2,4-Dimethylphenol

Concen: 44.134 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

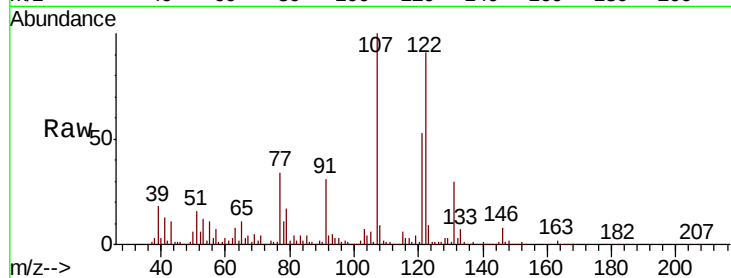
Tot Ion:122 Resp: 1414959

Ion Ratio Lower Upper

122 100

107 109.6 85.5 128.3

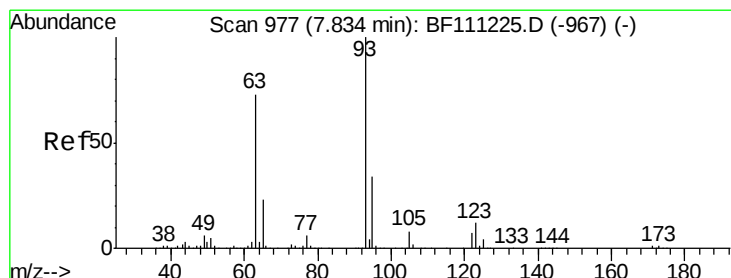
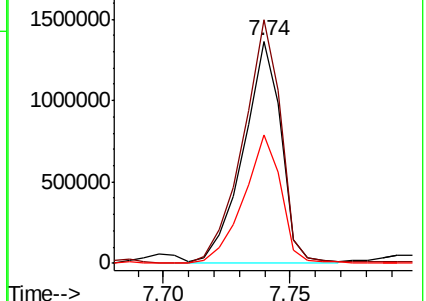
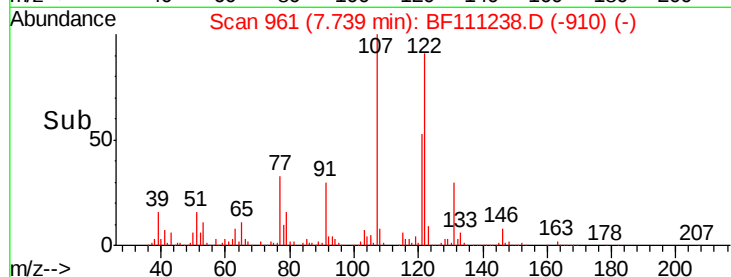
121 57.8 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.155 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

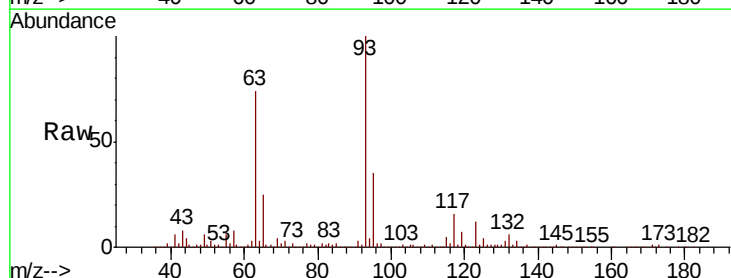
Tgt Ion: 93 Resp: 1947589

Ion Ratio Lower Upper

93 100

95 34.9 27.1 40.7

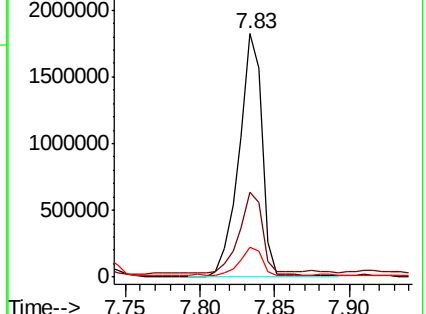
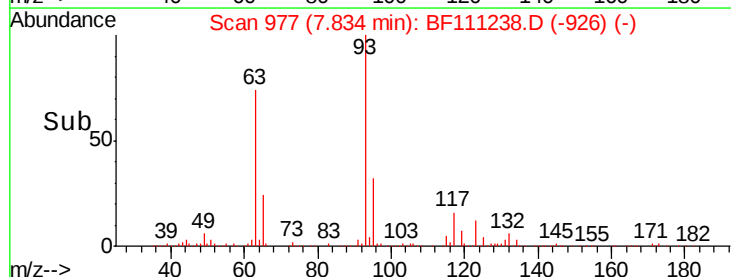
123 12.3 9.9 14.9

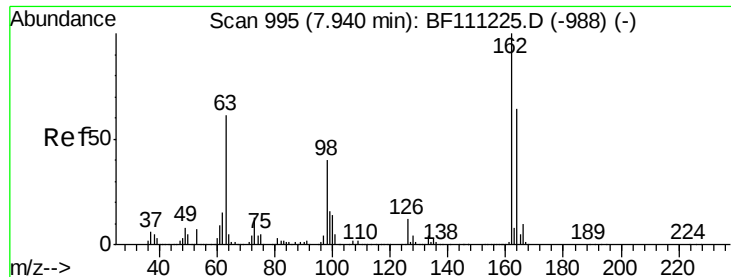


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

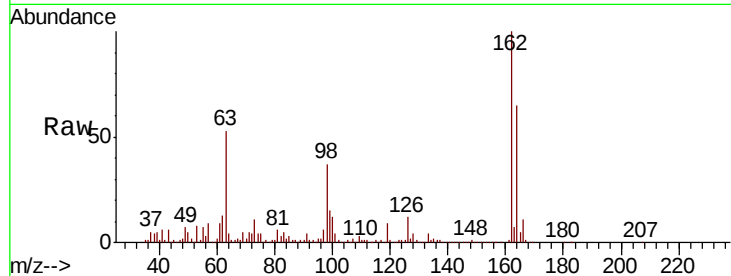




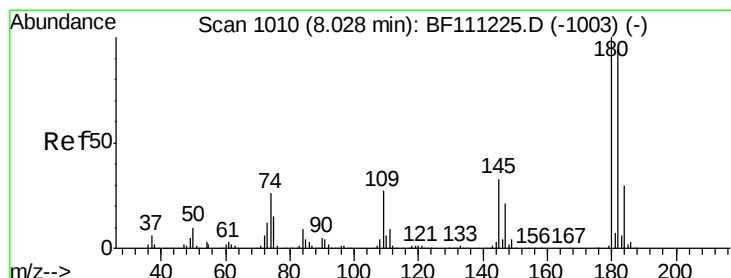
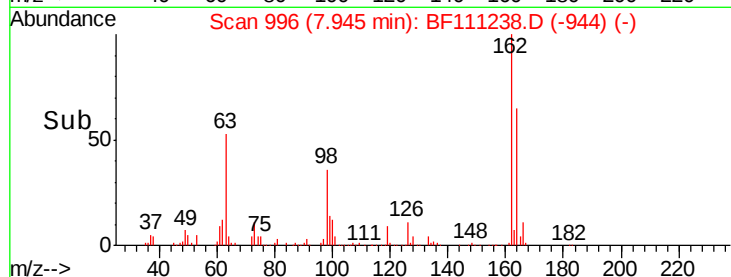
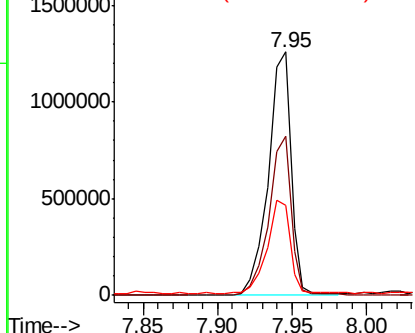
#29
2,4-Dichlorophenol
Concen: 40.576 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1330180
Ion Ratio Lower Upper
162 100
164 65.1 44.4 84.4
98 36.9 20.3 60.3

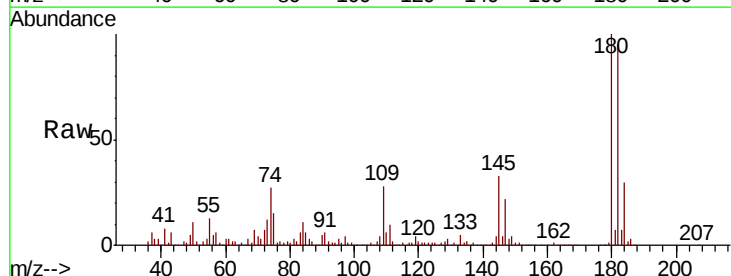


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

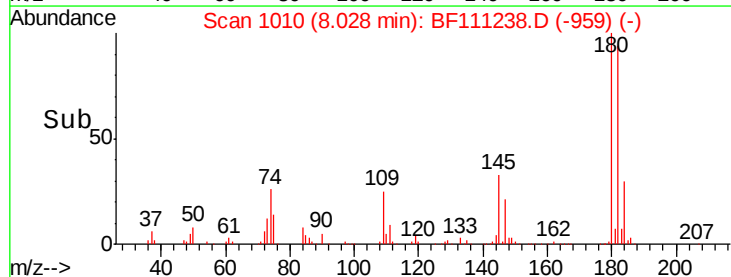
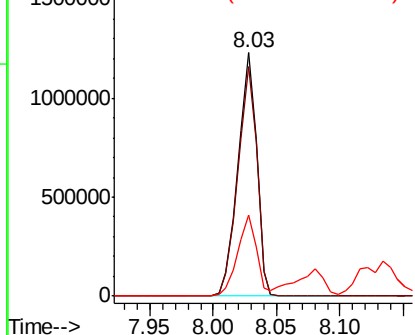


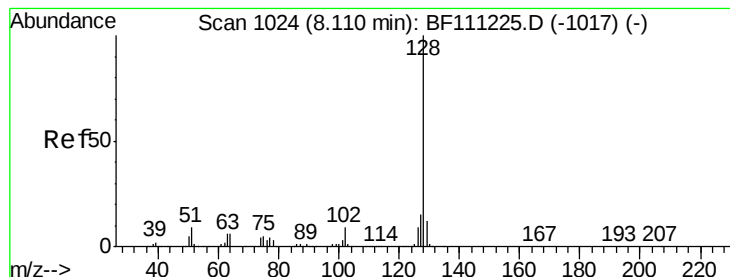
#30
1,2,4-Trichlorobenzene
Concen: 38.493 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:180 Resp: 1242996
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
145 33.3 26.7 40.1



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





#31

Naphthalene

Concen: 44.704 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

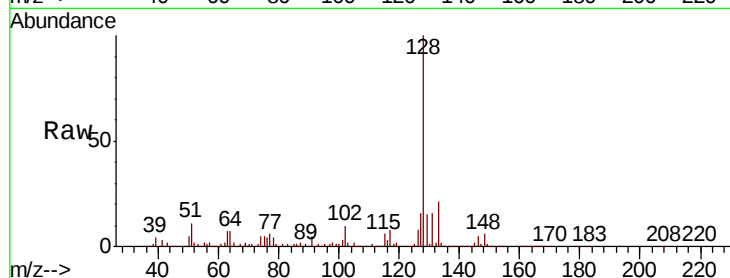
Tot Ion:128 Resp: 4390762

Ion Ratio Lower Upper

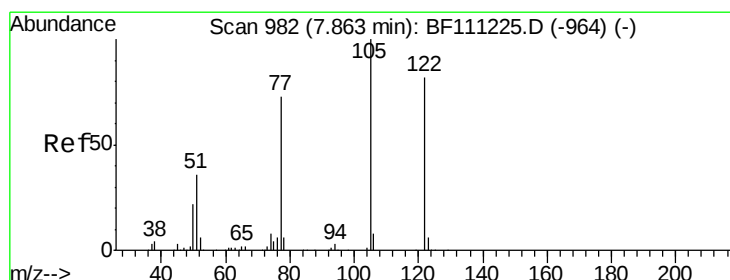
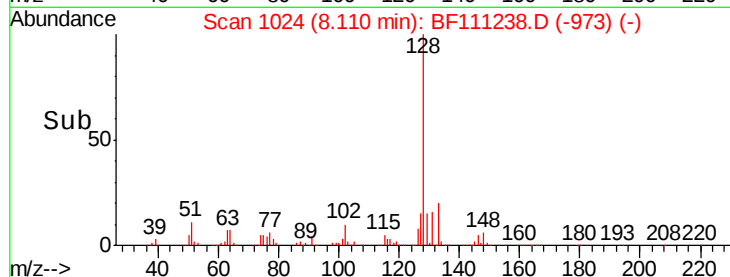
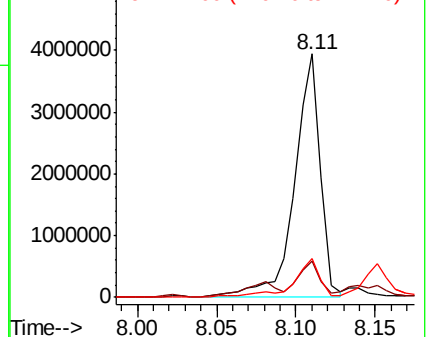
128 100

129 14.8 9.8 14.8#

127 15.7 12.0 18.0



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: 2.537 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

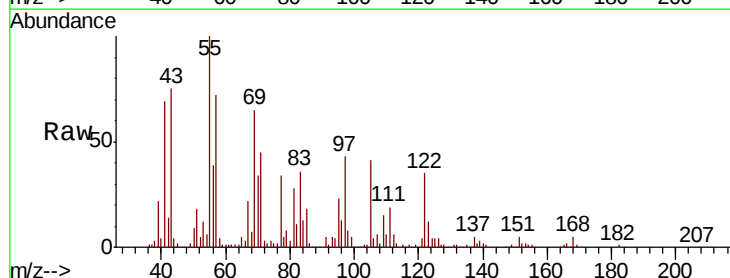
Tgt Ion:122 Resp: 67260

Ion Ratio Lower Upper

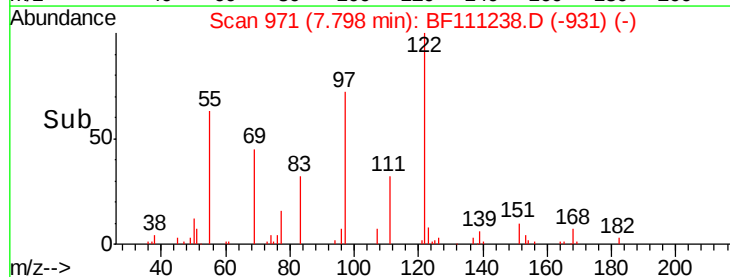
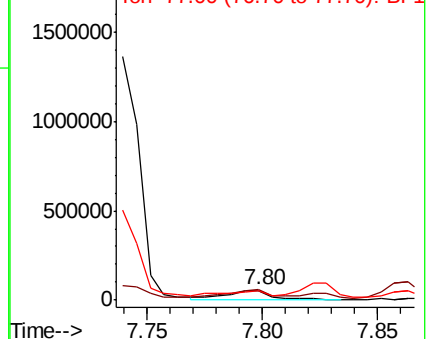
122 100

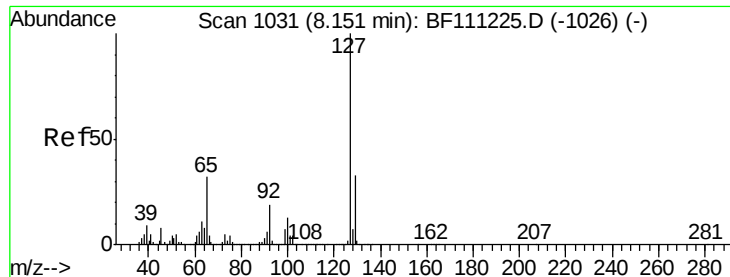
105 117.4 97.0 137.0

77 97.7 65.7 105.7



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

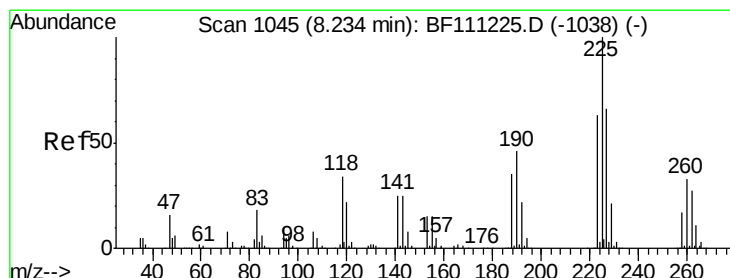
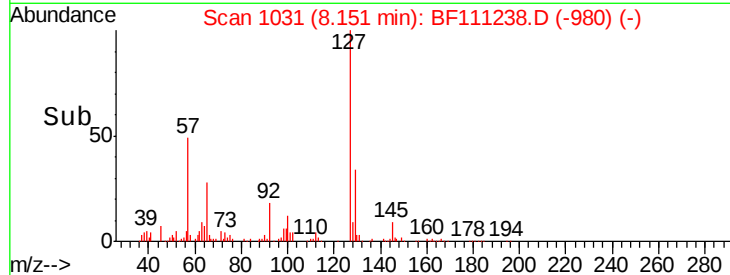
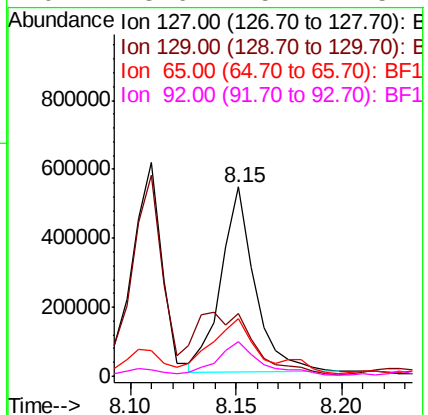
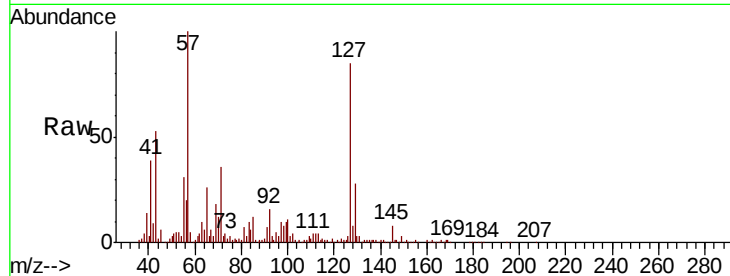




#33
4-Chloroaniline
Concen: 12.683 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

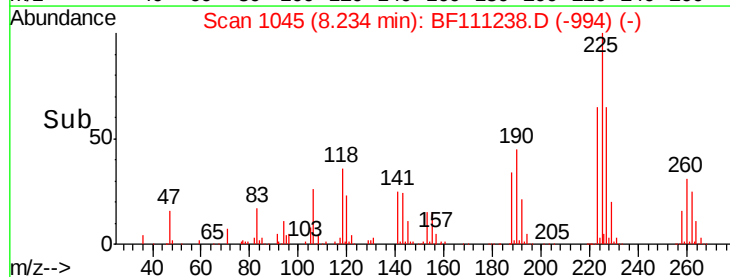
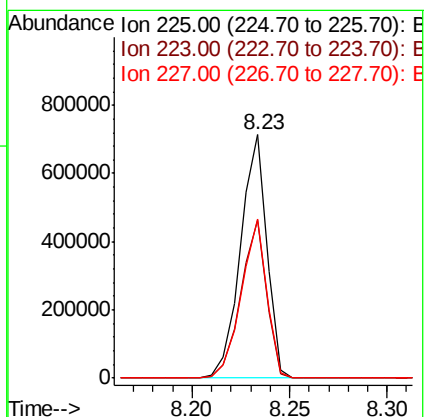
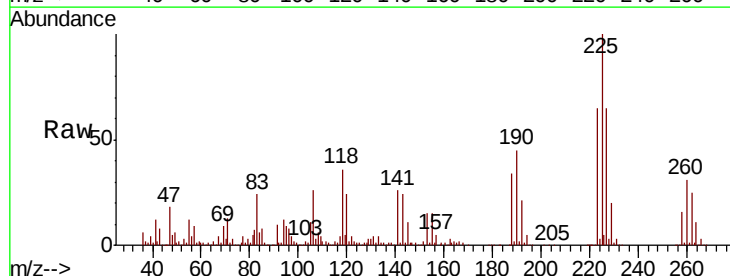
Instrument :
BNA_F
ClientSampled :

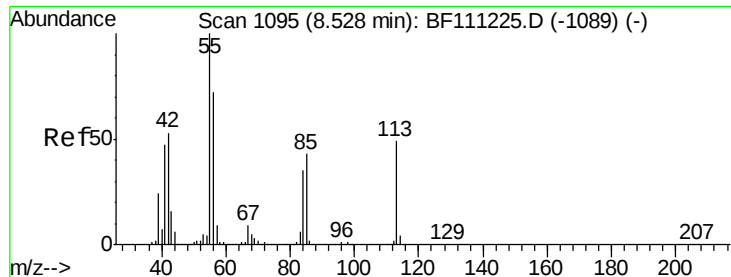
Tot Ion:	127	Resp:	598292
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	39.8
65	30.2	25.7	38.5
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 37.291 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:	225	Resp:	664709
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.7	76.1
227	65.3	52.6	78.8

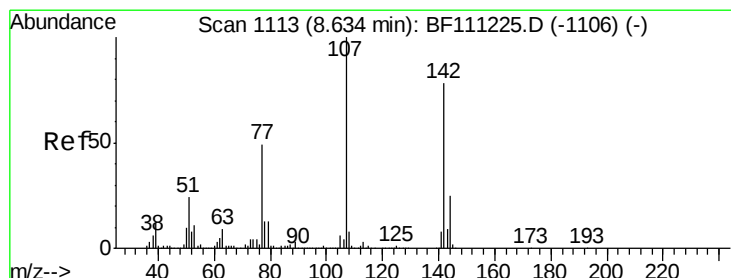
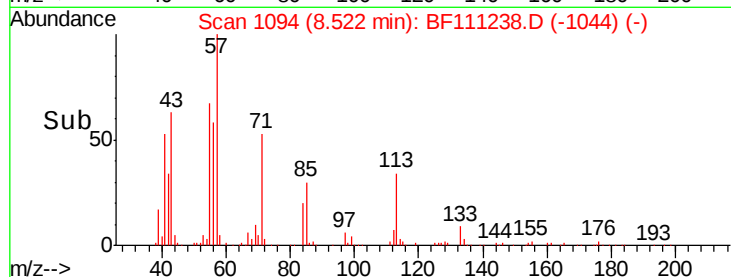
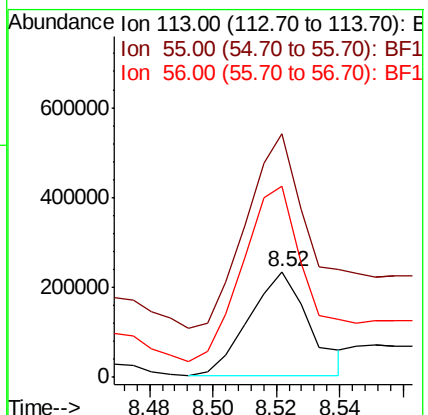
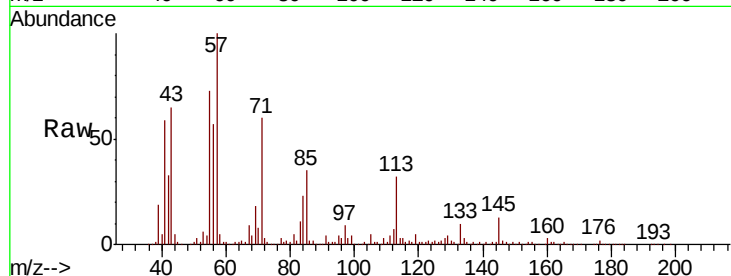




#35
 Caprolactam
 Concen: 26.010 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

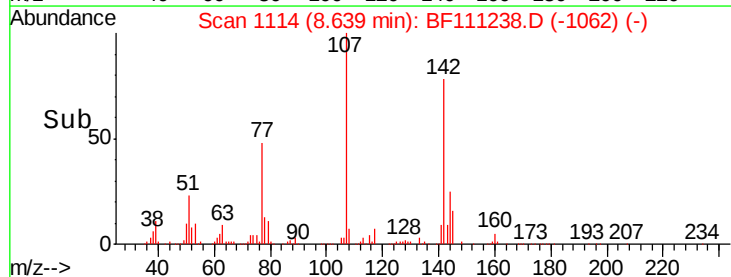
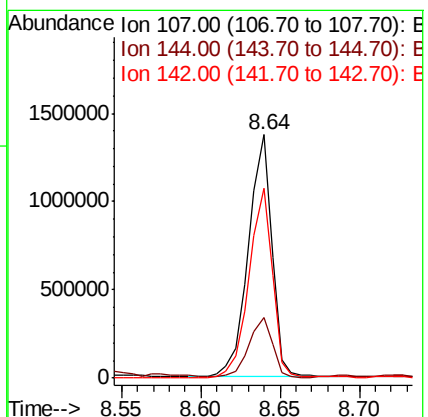
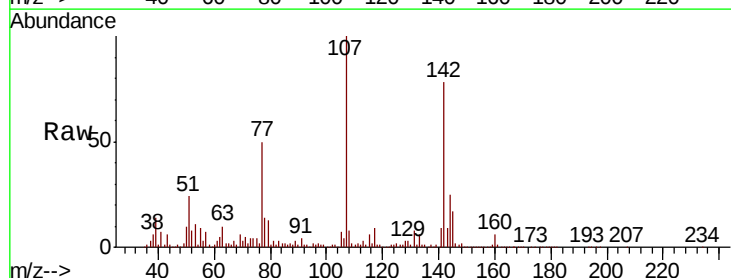
Instrument :
 BNA_F
 ClientSampleId :

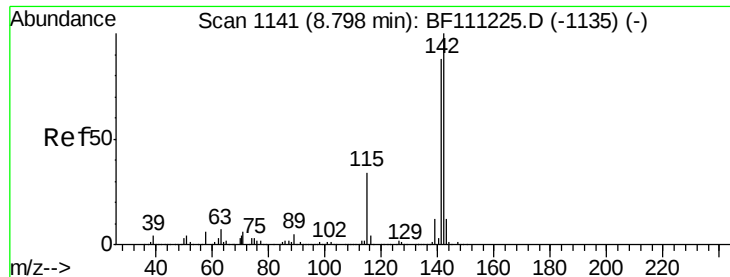
Tot Ion:113 Resp: 302151
 Ion Ratio Lower Upper
 113 100
 55 230.2 184.1 224.1#
 56 180.7 126.0 166.0#



#36
 4-Chloro-3-methylphenol
 Concen: 42.330 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion:107 Resp: 1420787
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.6
 142 78.0 62.3 93.5

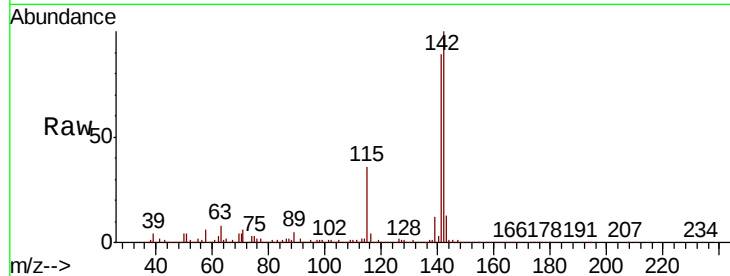




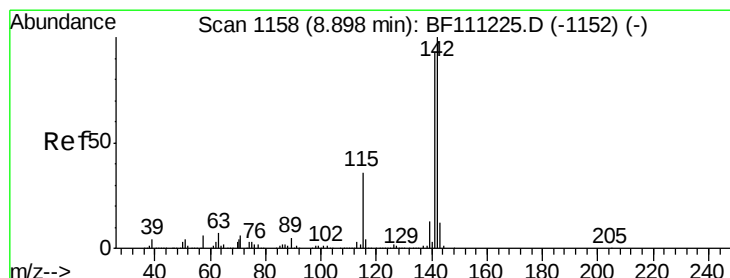
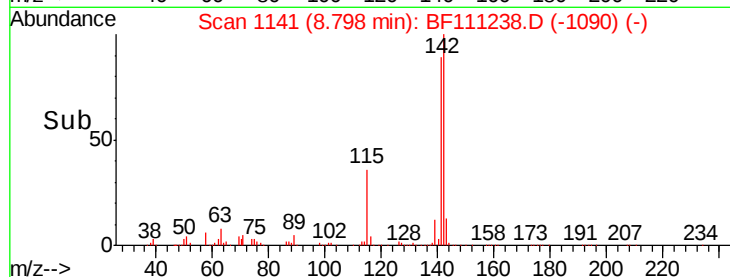
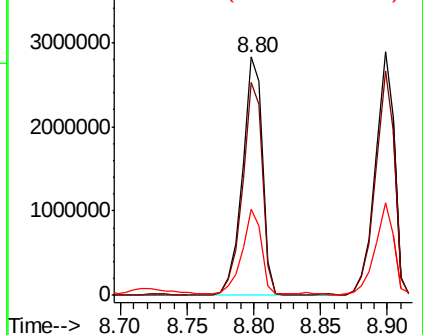
#37
2-Methylnaphthalene
Concen: 44.420 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2896555
Ion Ratio Lower Upper
142 100
141 89.2 70.6 105.8
115 36.4 27.0 40.6

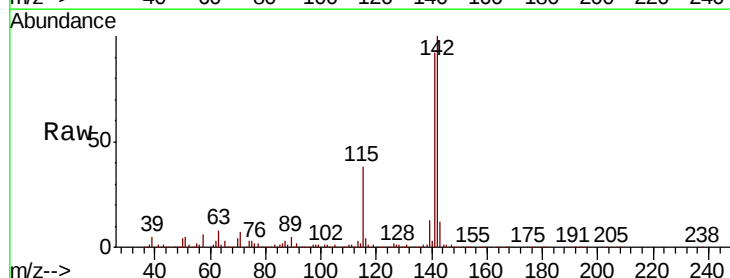


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

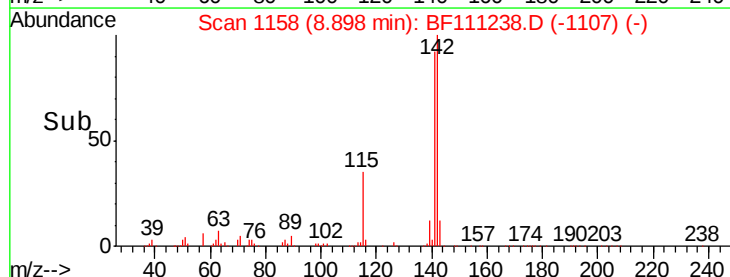
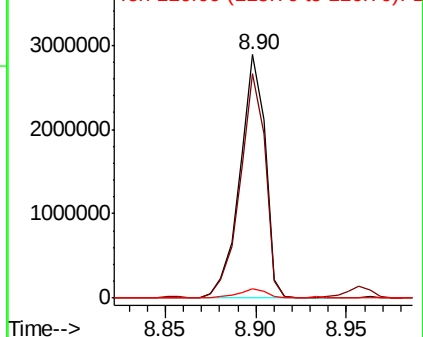


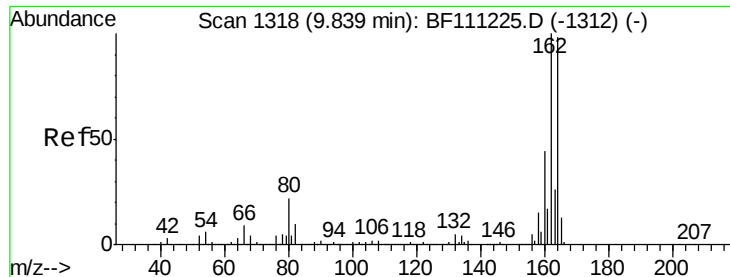
#38
1-Methylnaphthalene
Concen: 43.611 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:142 Resp: 2784968
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4
116 3.9 2.9 4.3



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

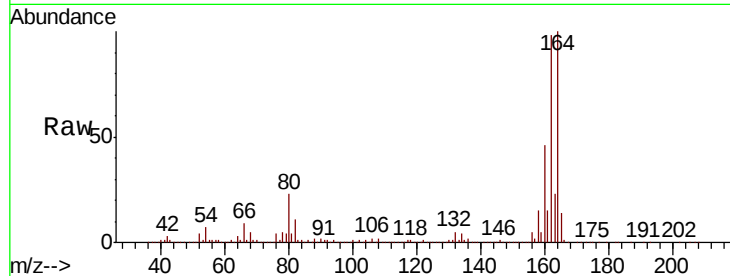




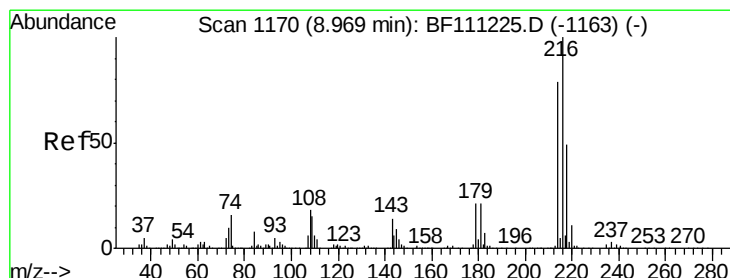
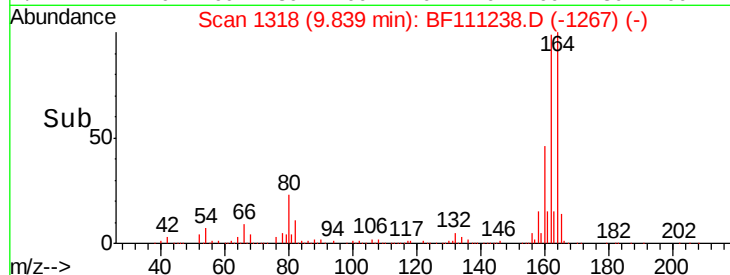
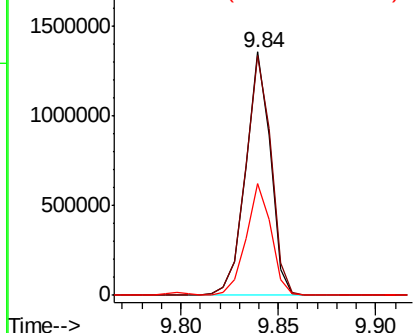
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 1183193
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 45.9 35.7 53.5

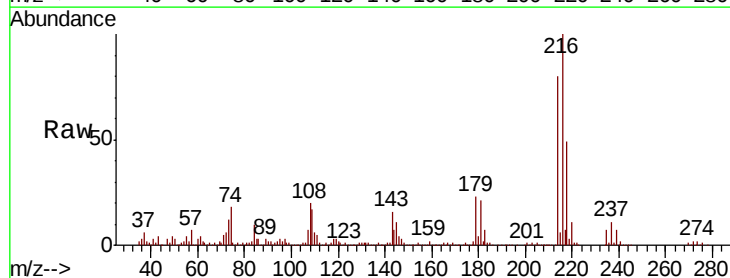


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

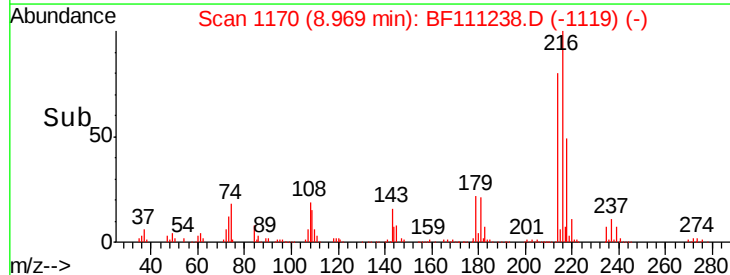
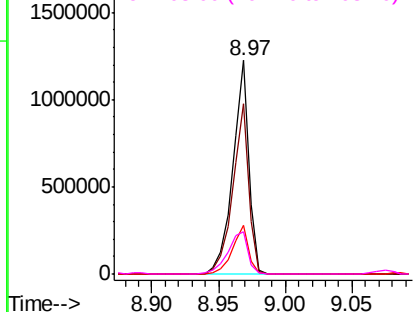


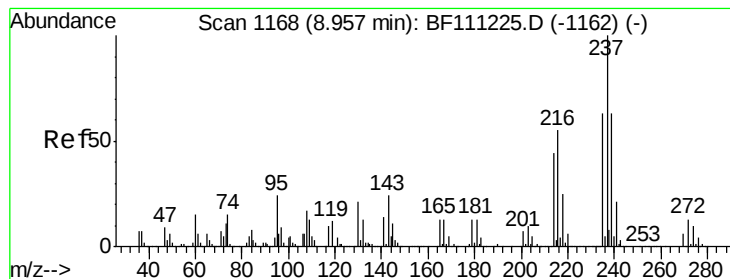
#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.623 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:216 Resp: 1041109
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.8
179 22.6 17.9 26.9
108 24.1 18.4 27.6



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: 52.472 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

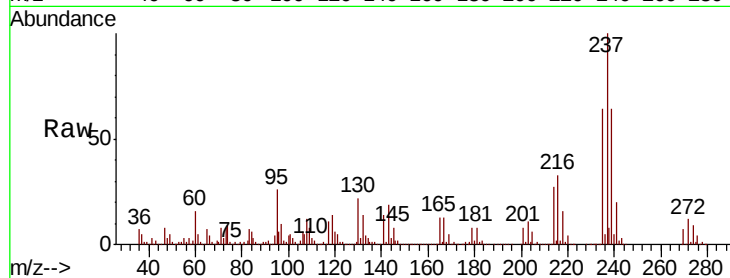
Tot Ion:237 Resp: 983815

Ion Ratio Lower Upper

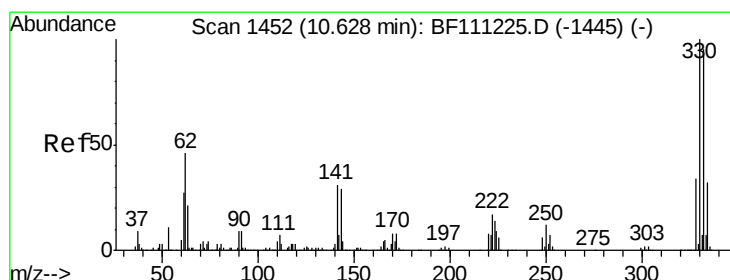
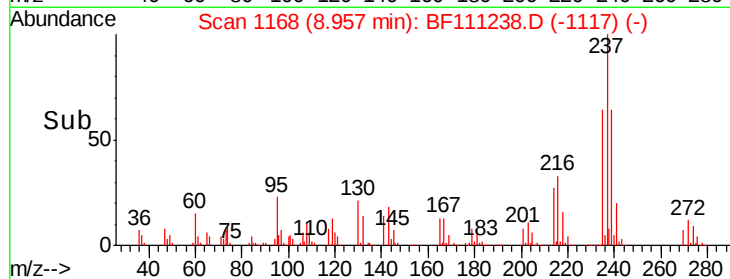
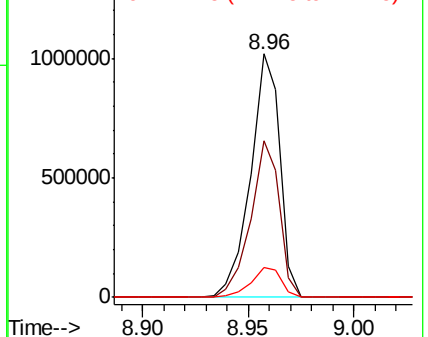
237 100

235 64.1 43.1 83.1

272 12.3 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 108.022 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

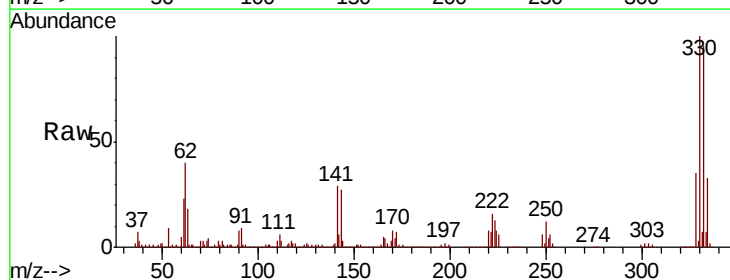
Tgt Ion:330 Resp: 1132168

Ion Ratio Lower Upper

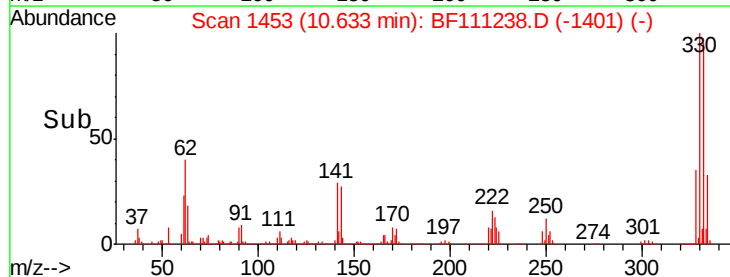
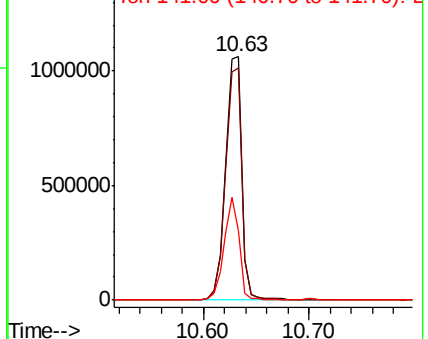
330 100

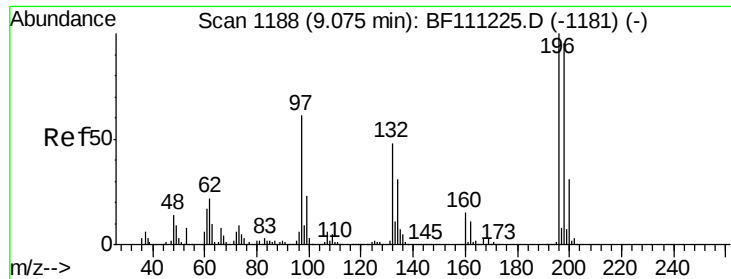
332 95.8 76.0 114.0

141 39.1 31.0 46.6



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

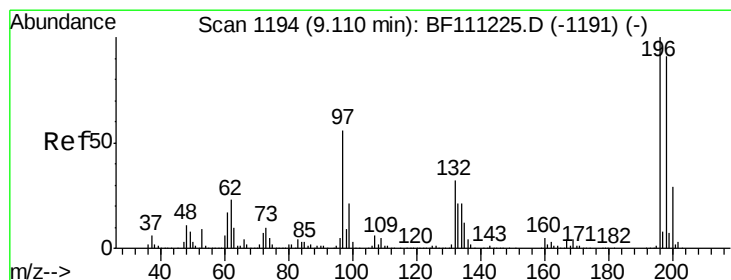
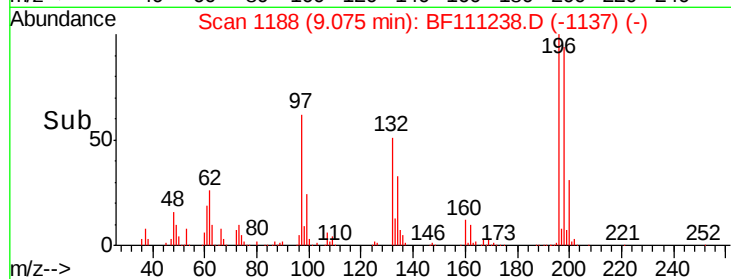
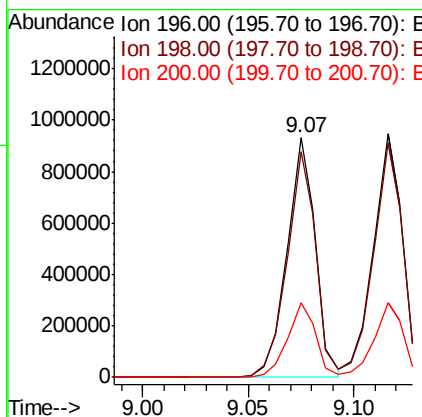
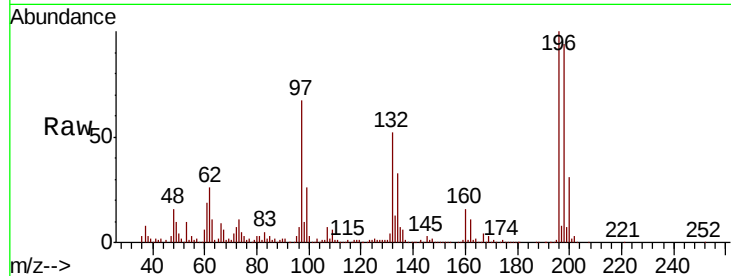




#43
 2,4,6-Trichlorophenol
 Concen: 35.418 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

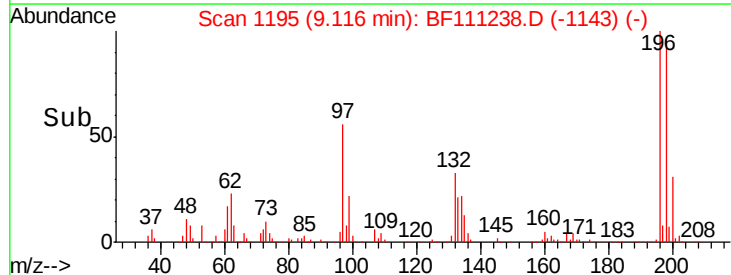
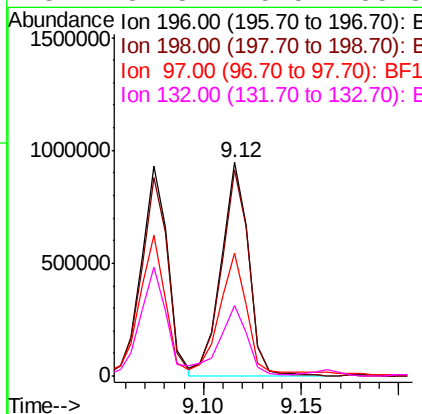
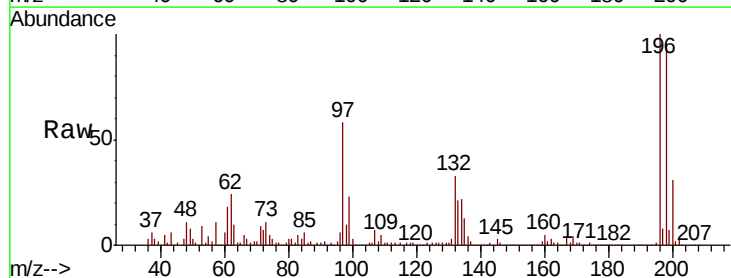
Instrument :
 BNA_F
 ClientSampleId :

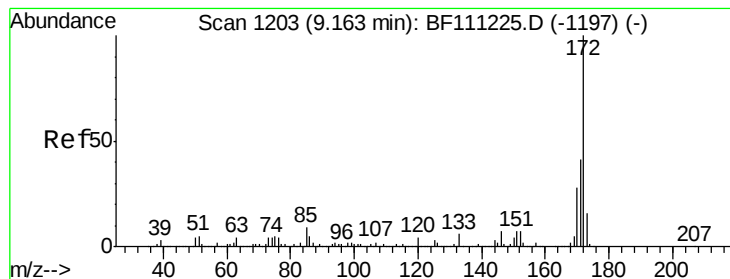
Tot Ion:196 Resp: 875275
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.3 114.5
 200 31.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 35.650 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion:196 Resp: 917778
 Ion Ratio Lower Upper
 196 100
 198 96.5 72.9 109.3
 97 57.7 45.3 67.9
 132 32.8 25.5 38.3





#45

2-Fluorobiphenyl

Concen: 66.880 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampled :

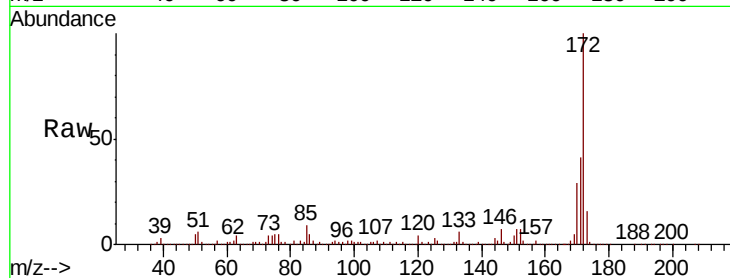
Tot Ion:172 Resp: 4861626

Ion Ratio Lower Upper

172 100

171 41.3 33.0 49.4

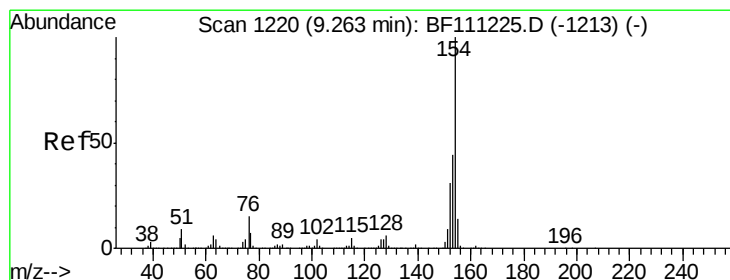
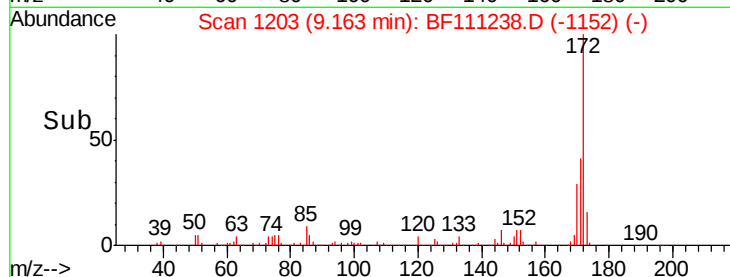
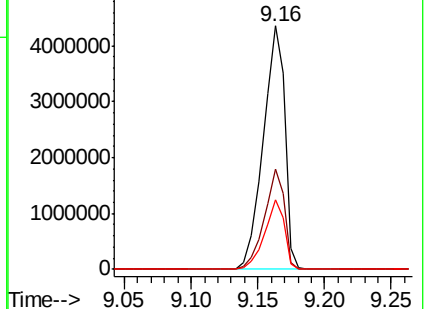
170 28.6 22.3 33.5



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: 31.798 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

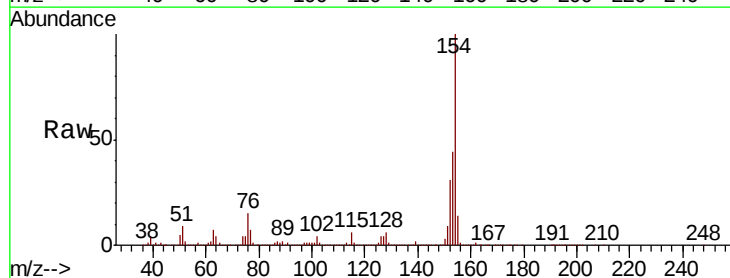
Tgt Ion:154 Resp: 3210145

Ion Ratio Lower Upper

154 100

153 43.7 23.7 63.7

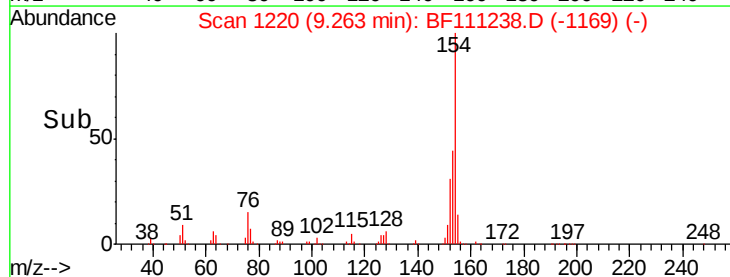
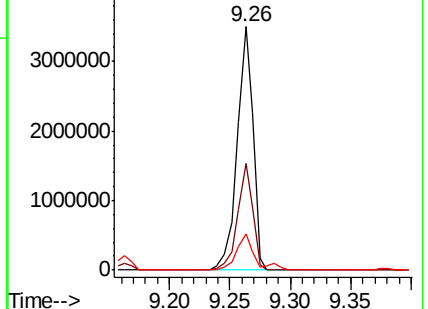
76 14.7 0.0 35.0

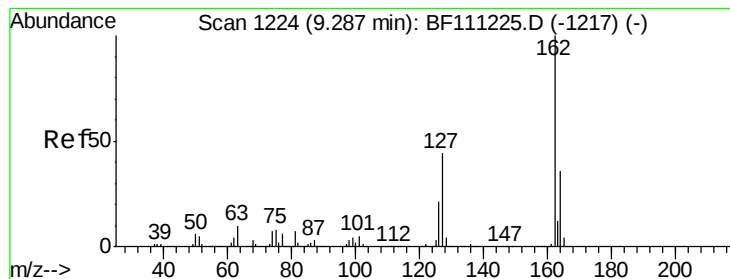


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 33.564 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

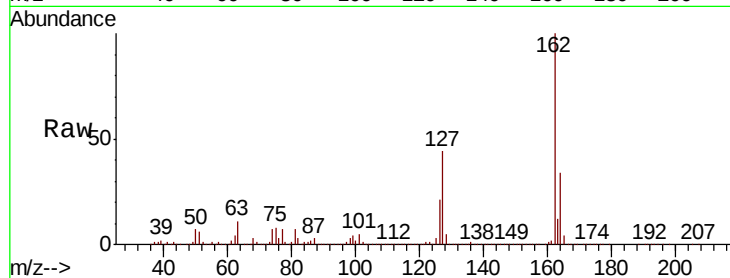
Tot Ion:162 Resp: 2598457

Ion Ratio Lower Upper

162 100

127 44.0 35.0 52.4

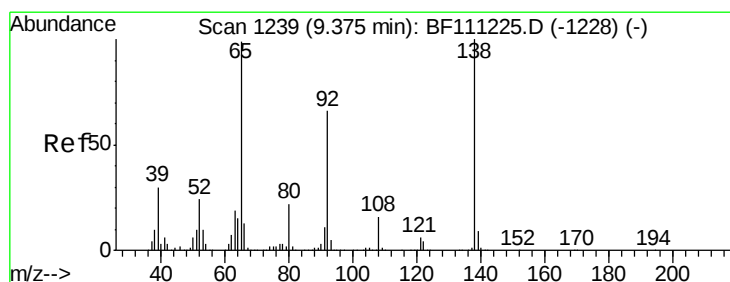
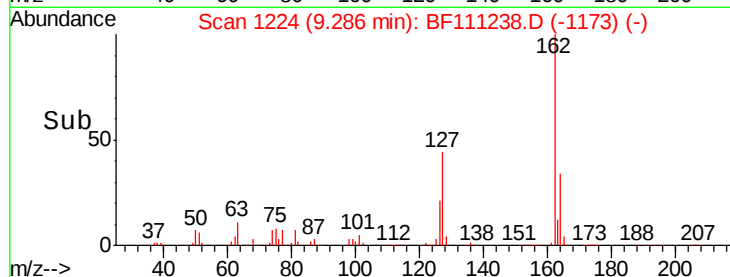
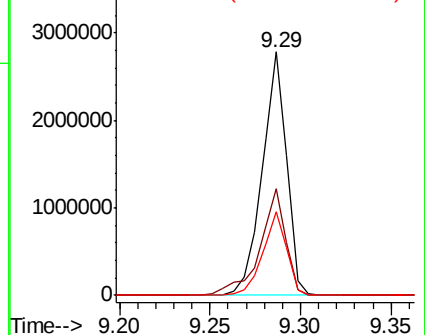
164 34.3 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.552 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

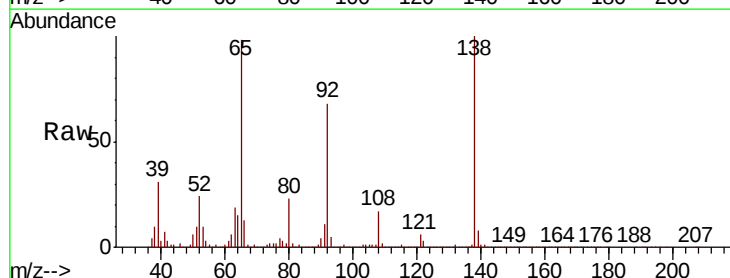
Tgt Ion: 65 Resp: 965331

Ion Ratio Lower Upper

65 100

92 69.2 53.5 80.3

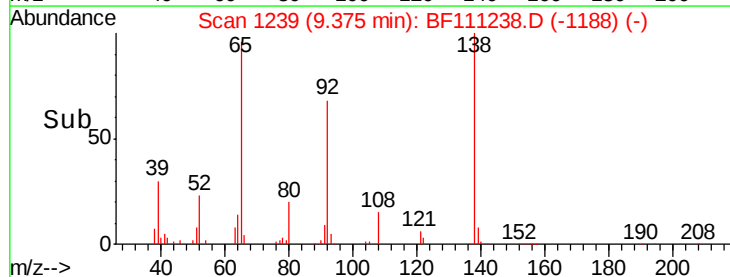
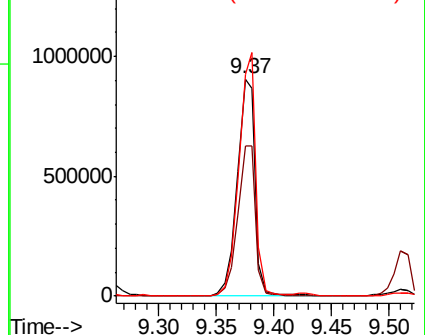
138 102.3 80.9 121.3

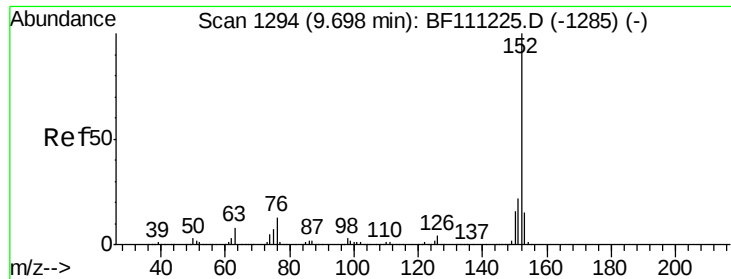


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E



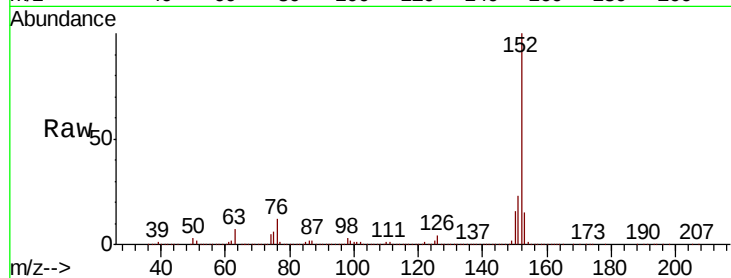


#49
 Acenaphthylene
 Concen: 34.723 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

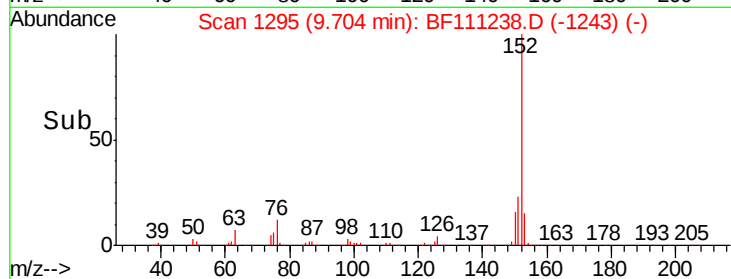
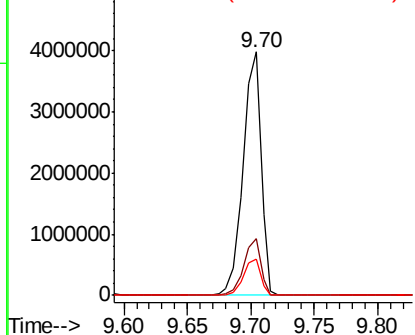
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 3902580

Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.0	27.0
153	15.1	12.3	18.5



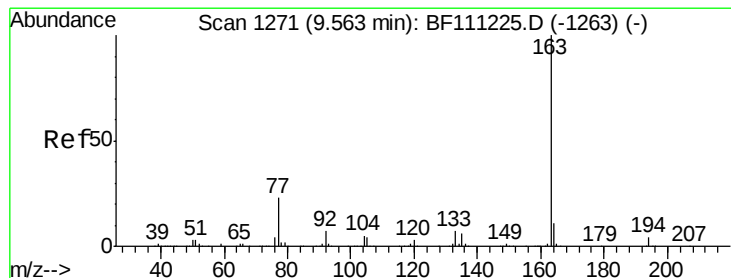
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E



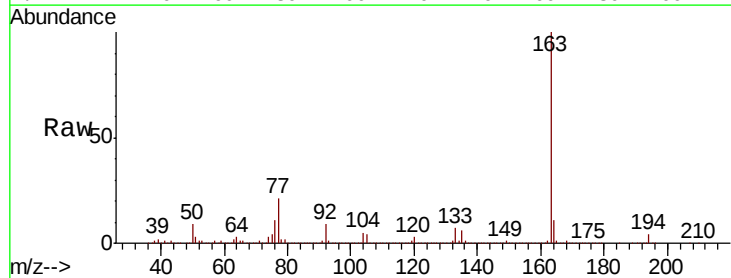
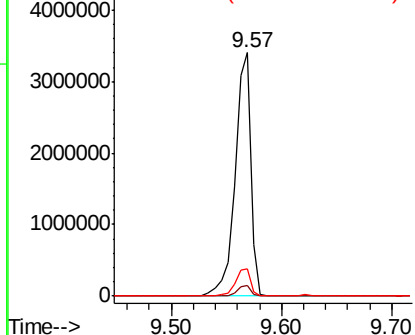
#50
 Dimethylphthalate
 Concen: 38.899 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

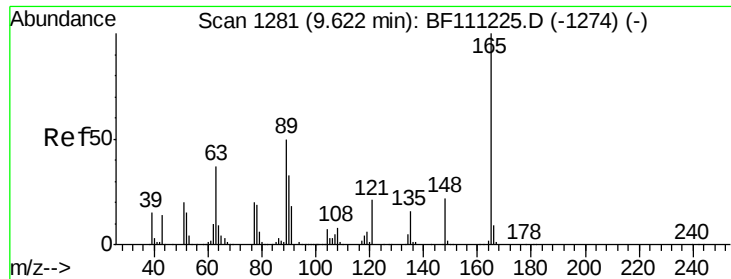
Tgt Ion:163 Resp: 3395999

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	11.2	8.9	13.3



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: 37.575 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

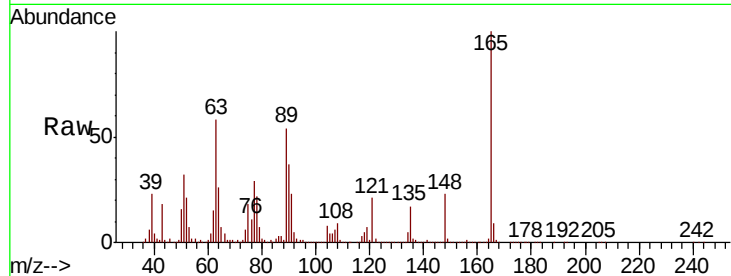
Tot Ion:165 Resp: 724449

Ion Ratio Lower Upper

165 100

63 58.0 40.5 60.7

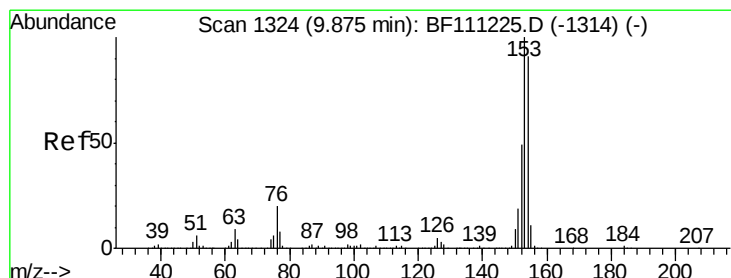
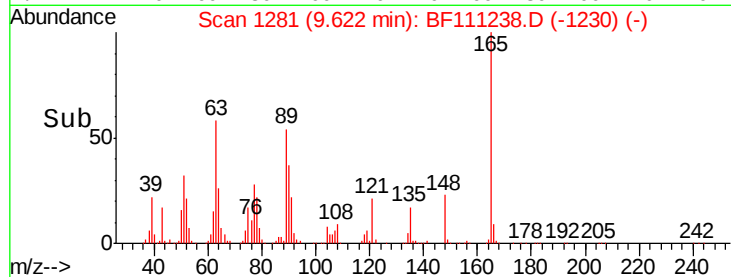
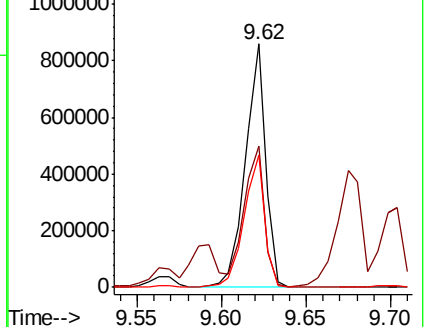
89 54.1 40.0 60.0



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: 34.295 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

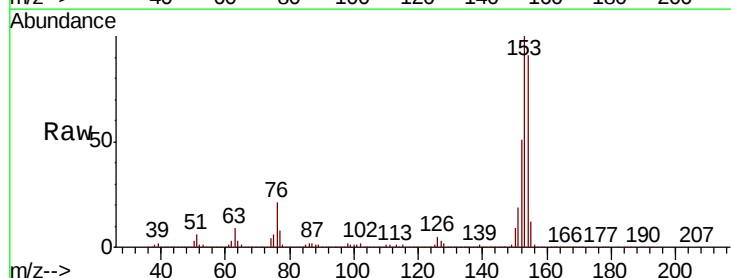
Tgt Ion:154 Resp: 2418805

Ion Ratio Lower Upper

154 100

153 109.4 87.8 131.8

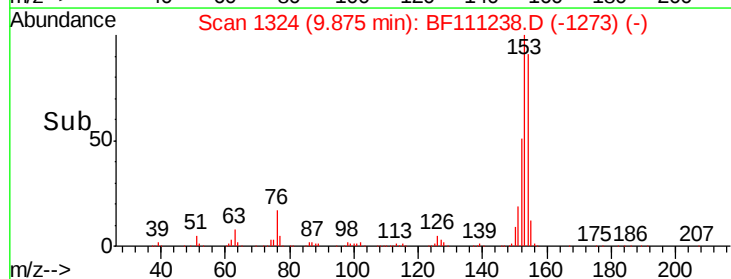
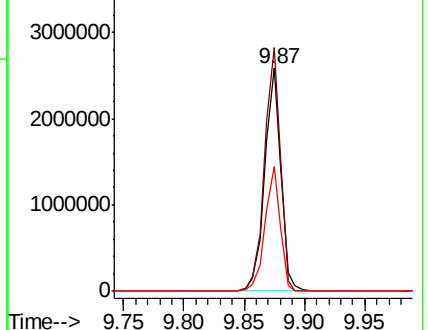
152 55.8 43.4 65.2

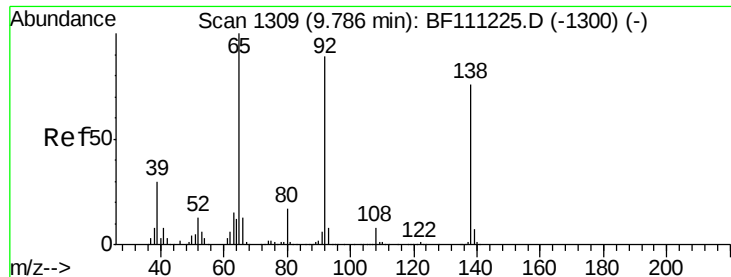


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

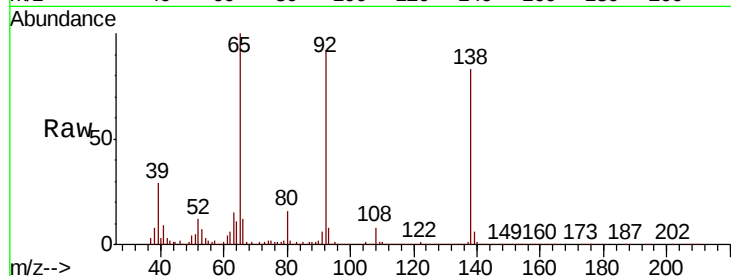




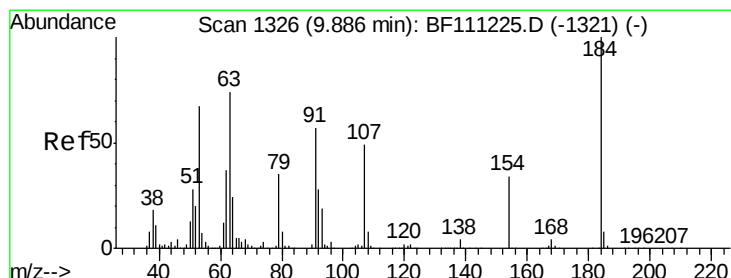
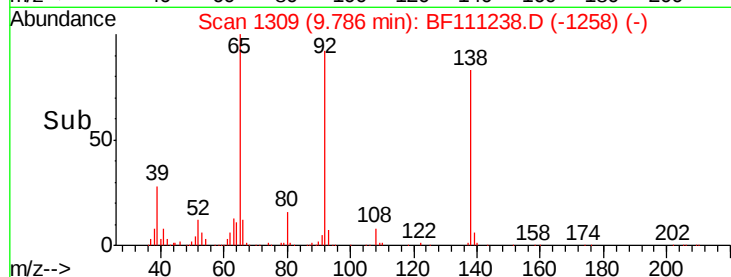
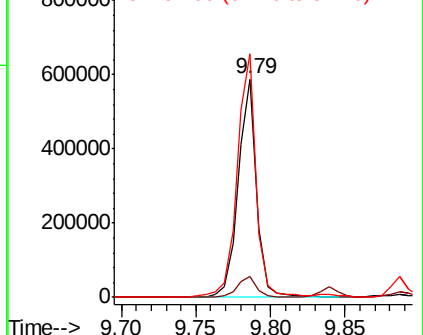
#53
3-Nitroaniline
Concen: 21.109 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 502334
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 111.6 93.4 140.2

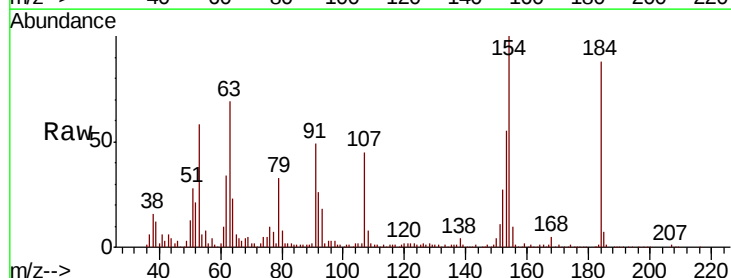


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

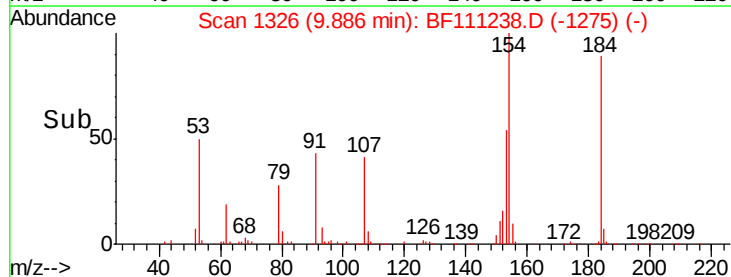
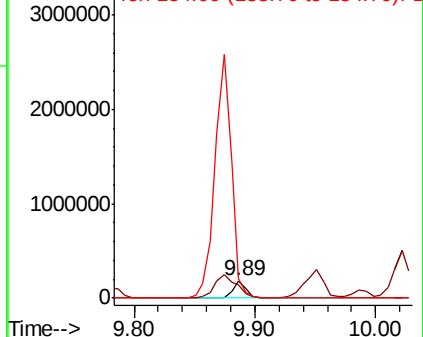


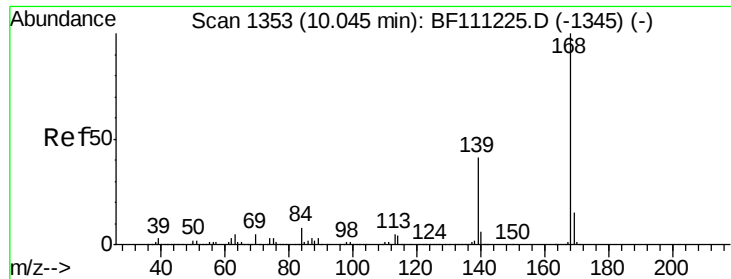
#54
2,4-Dinitrophenol
Concen: 19.161 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:184 Resp: 145985
Ion Ratio Lower Upper
184 100
63 78.8 62.3 93.5
154 113.5 56.2 84.2#



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

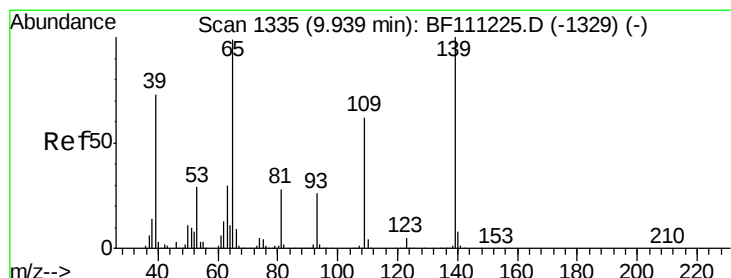
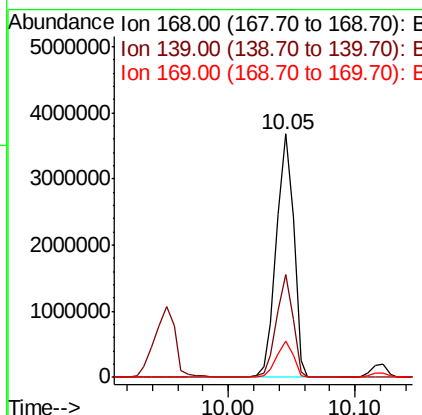
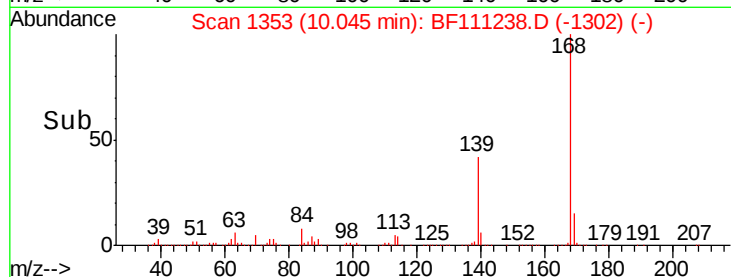
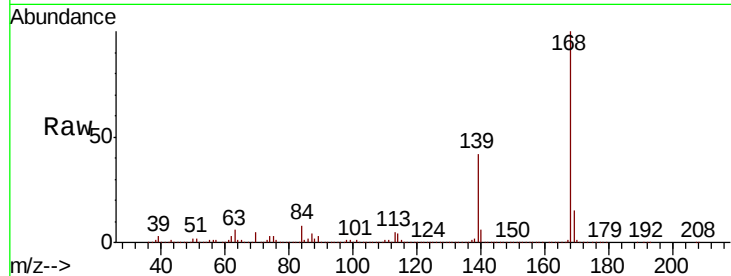




#55
Dibenzofuran
Concen: 36.316 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

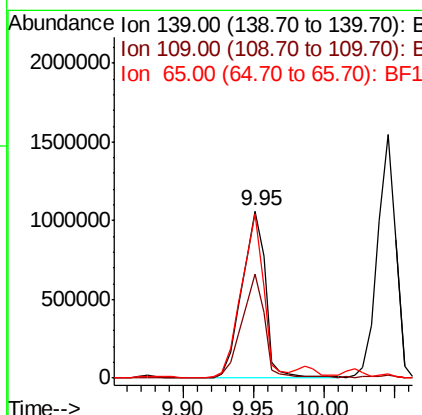
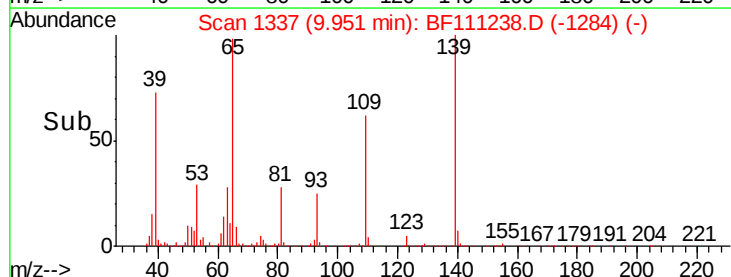
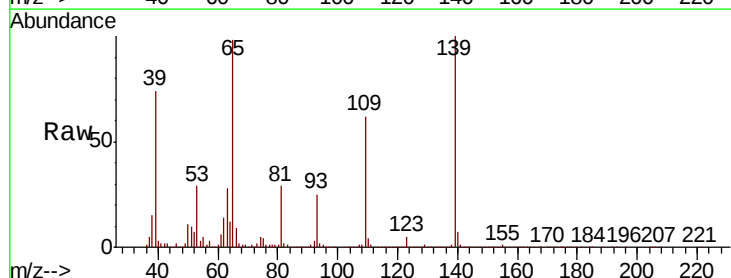
Instrument :
BNA_F
ClientSampled :

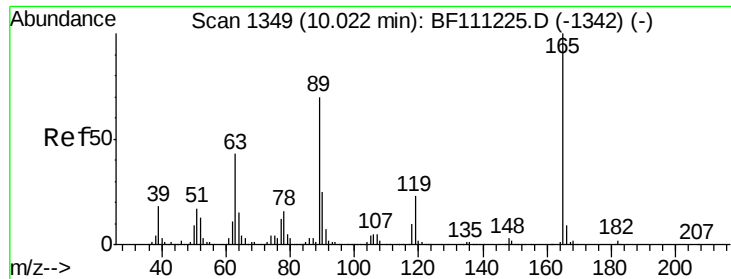
Tot Ion:168 Resp: 3484600
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0
169 15.0 11.8 17.6



#56
4-Nitrophenol
Concen: 66.311 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:139 Resp: 1229018
Ion Ratio Lower Upper
139 100
109 62.1 41.8 81.8
65 98.3 79.6 119.6

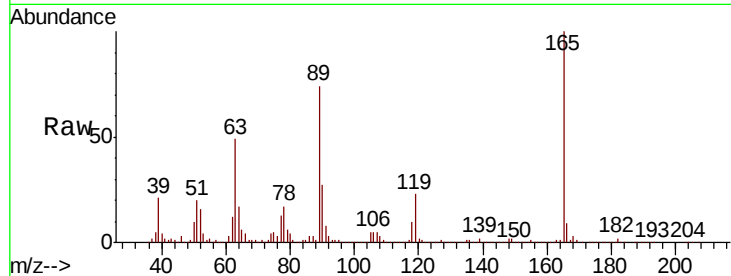




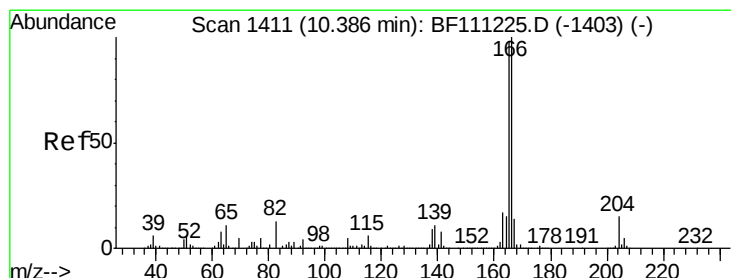
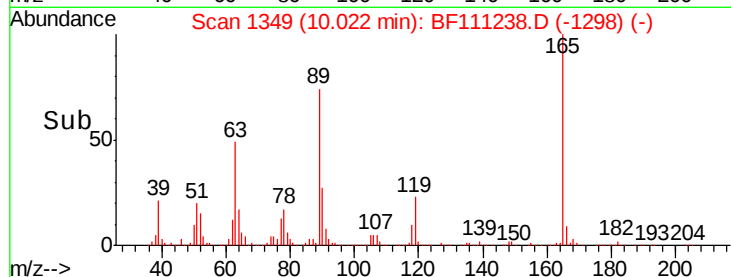
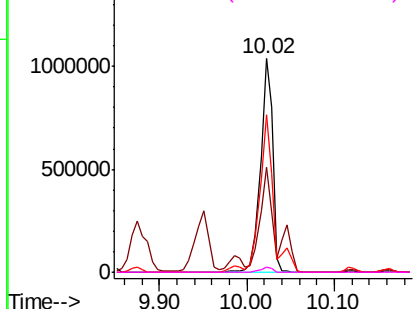
#57
2,4-Dinitrotoluene
Concen: 40.826 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 970363
Ion Ratio Lower Upper
165 100
63 49.0 34.6 52.0
89 73.9 56.2 84.4
182 2.2 1.8 2.6

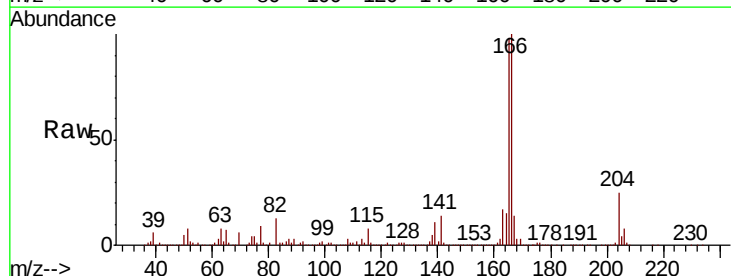


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

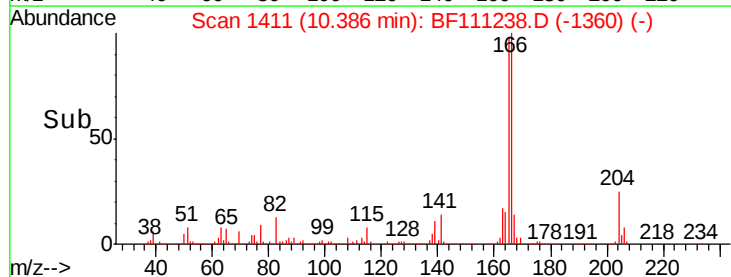
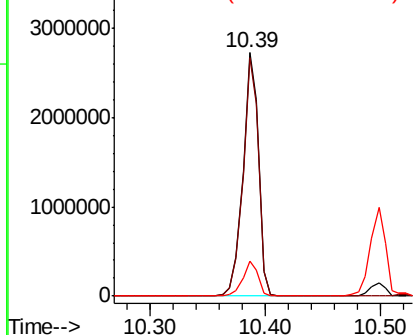


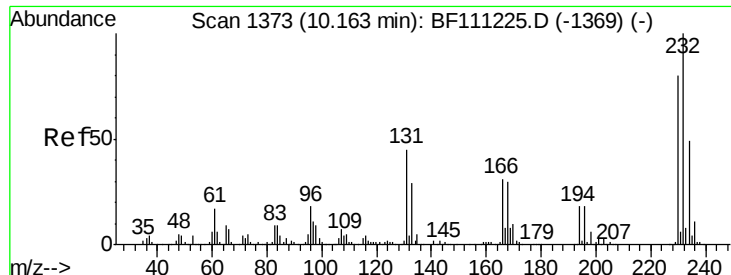
#58
Fluorene
Concen: 34.164 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:166 Resp: 2536741
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

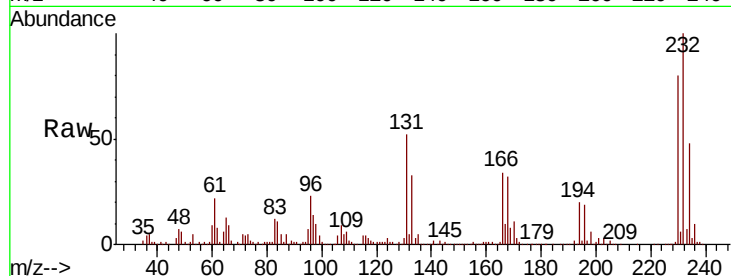




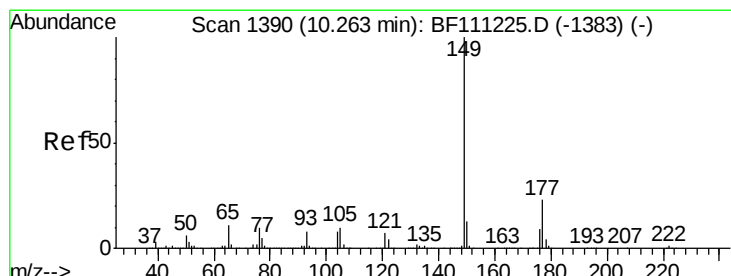
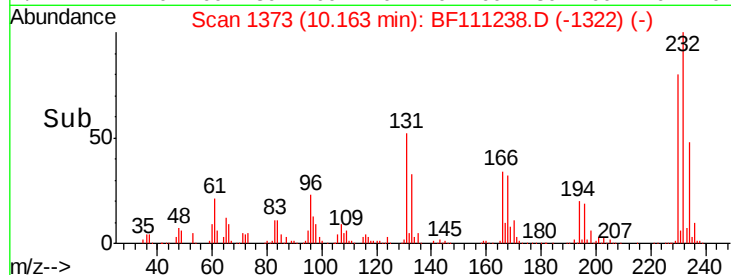
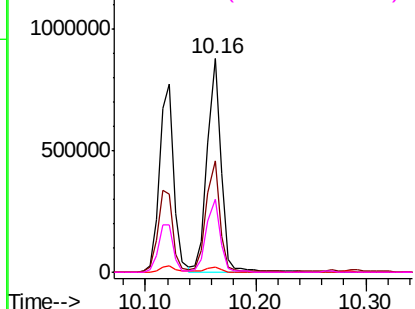
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.802 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.0	40.9	61.3
130	2.9	2.0	3.0
166	33.9	26.8	40.2

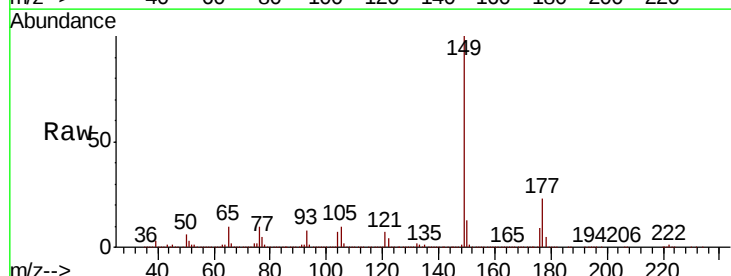


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

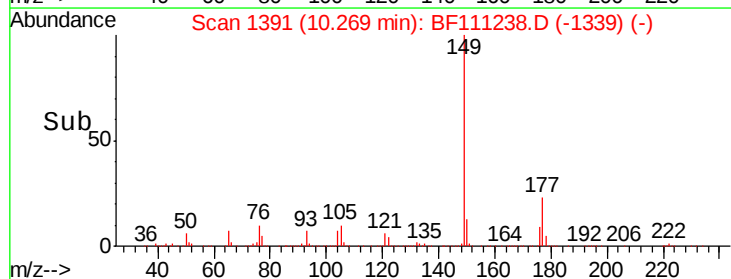
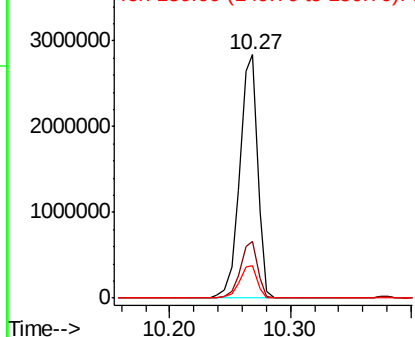


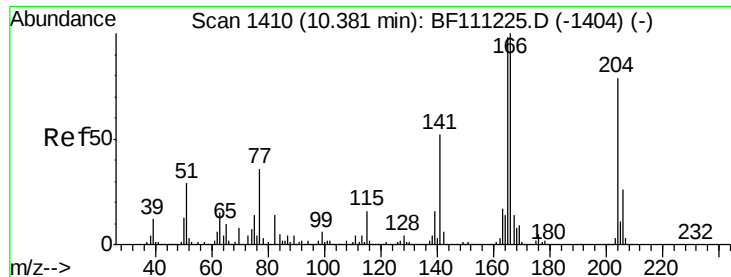
#60
Diethylphthalate
Concen: 35.414 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.4	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

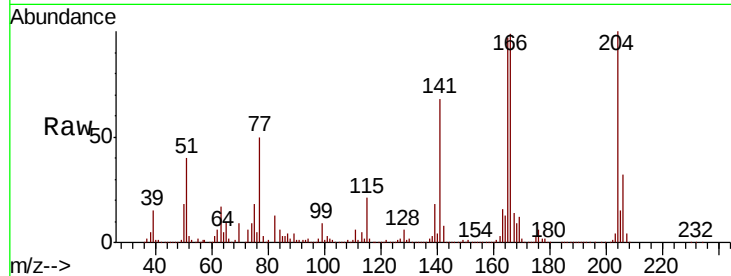




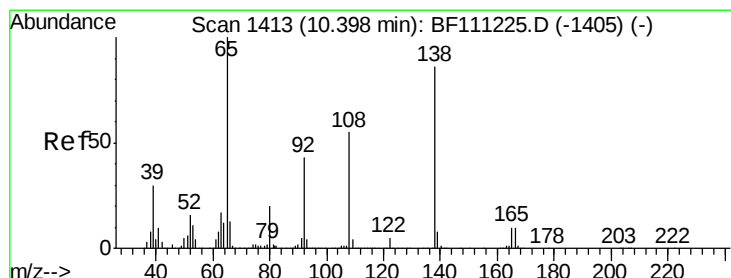
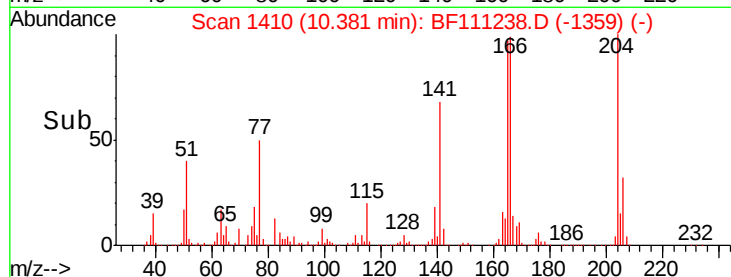
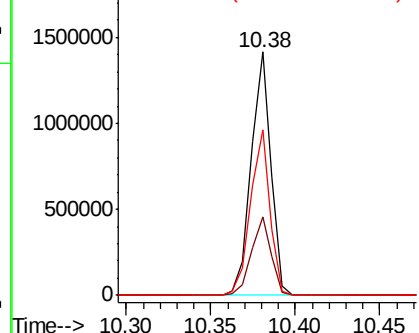
#61
4-Chlorophenyl-phenylether
Concen: 31.505 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1161484
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 67.8 52.6 78.8

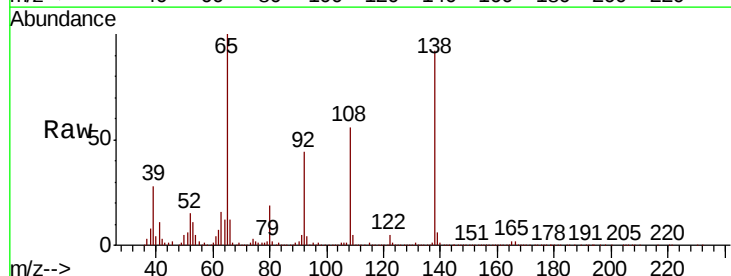


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

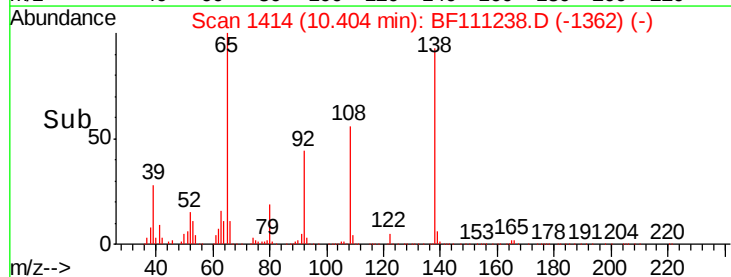
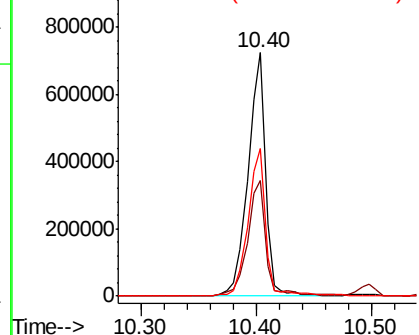


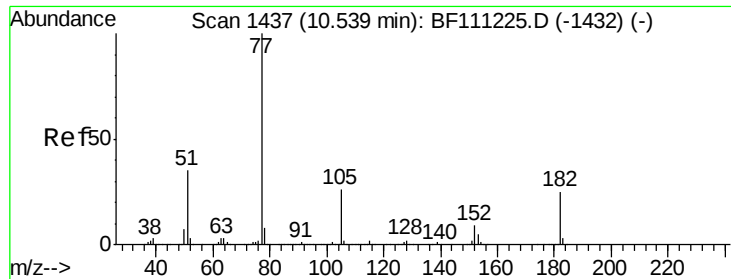
#62
4-Nitroaniline
Concen: 33.871 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:138 Resp: 762668
Ion Ratio Lower Upper
138 100
92 47.5 29.9 69.9
108 60.9 43.2 83.2



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





#63

Azobenzene

Concen: 34.335 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 2966983

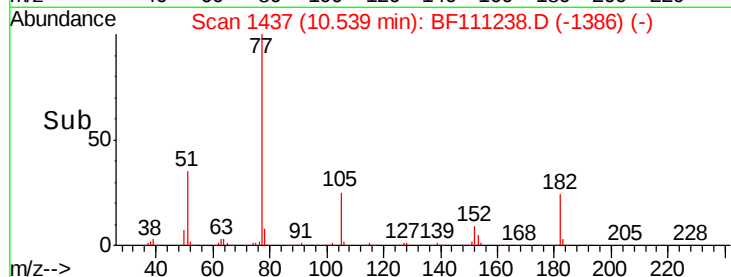
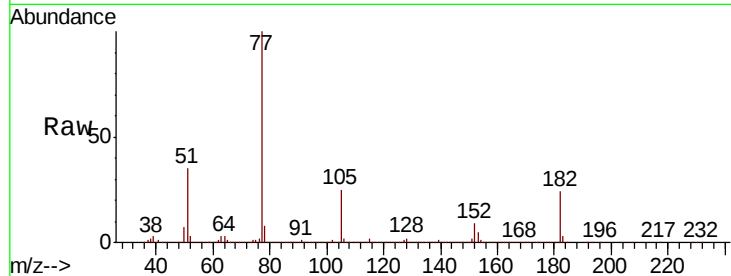
Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.9	44.9
105	25.0	6.0	46.0
51	35.2	14.7	54.7

77 100

182 23.6 4.9 44.9

105 25.0 6.0 46.0

51 35.2 14.7 54.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

5000000

4000000

3000000

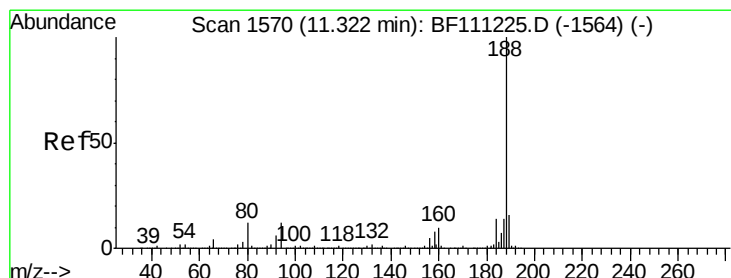
2000000

1000000

0

10.50 10.55 10.60

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

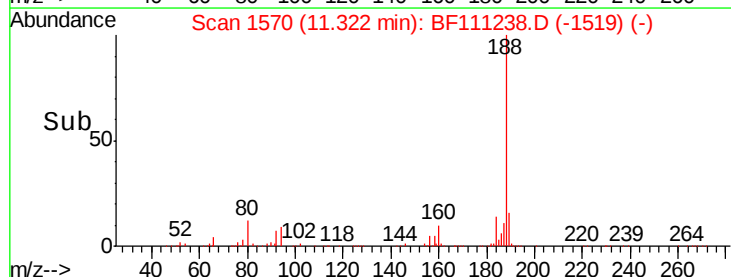
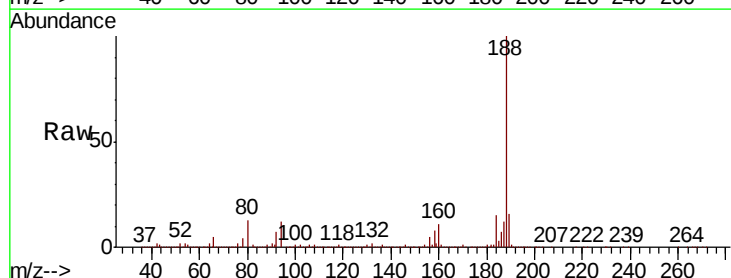
Tgt Ion: 188 Resp: 1970109

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.6	14.4
80	12.7	9.8	14.6

188 100

94 12.4 9.6 14.4

80 12.7 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

2500000

2000000

1500000

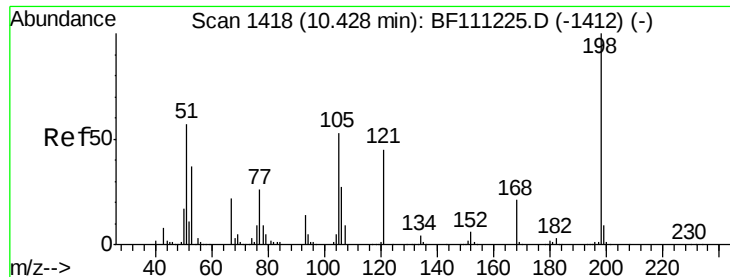
1000000

500000

0

11.25 11.30 11.35

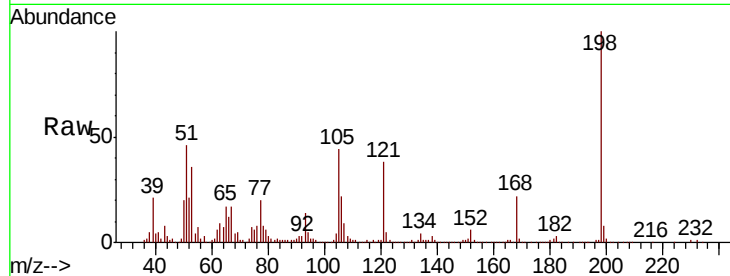
Time-->



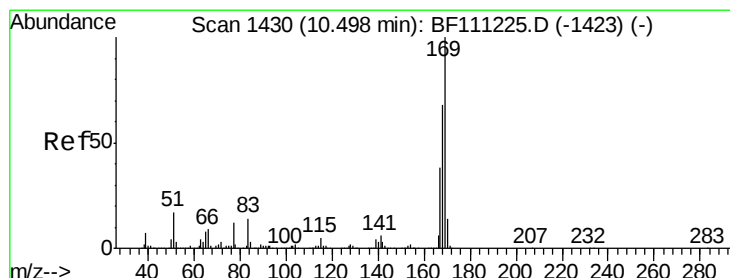
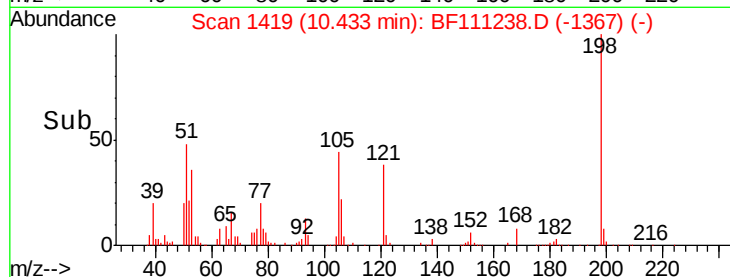
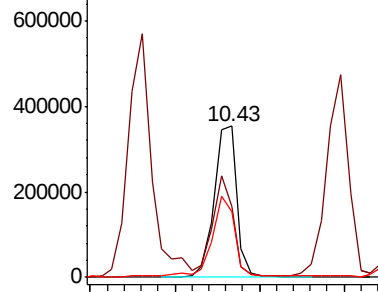
#65
4,6-Dinitro-2-methylphenol
Concen: 29.000 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 333575
Ion Ratio Lower Upper
198 100
51 46.5 48.0 88.0#
105 43.5 34.0 74.0

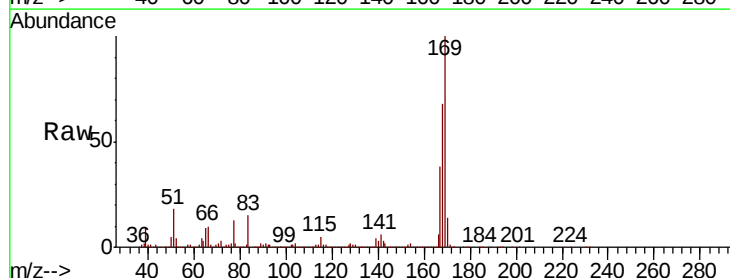


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

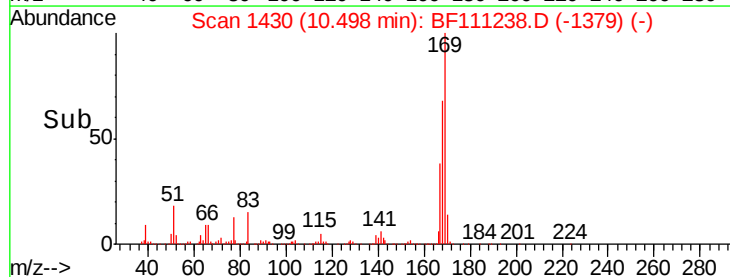
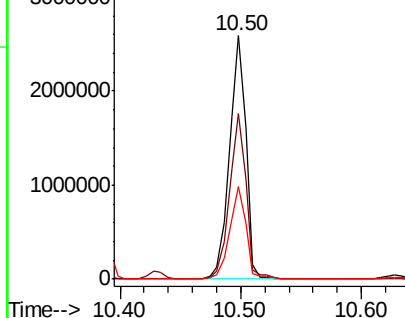


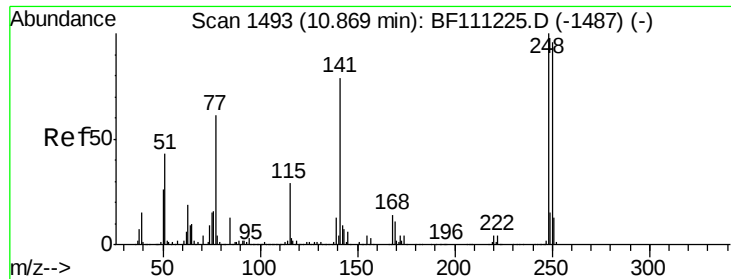
#66
n-Nitrosodiphenylamine
Concen: 36.300 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:169 Resp: 2434423
Ion Ratio Lower Upper
169 100
168 68.1 54.4 81.6
167 38.3 30.5 45.7



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

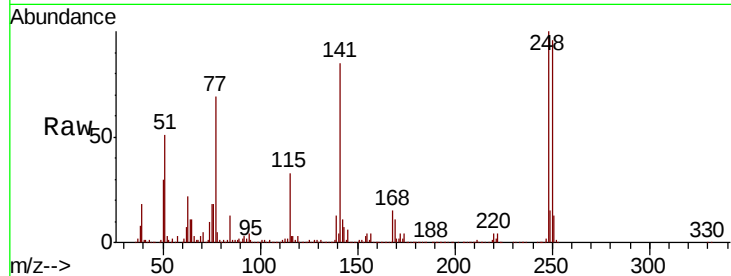




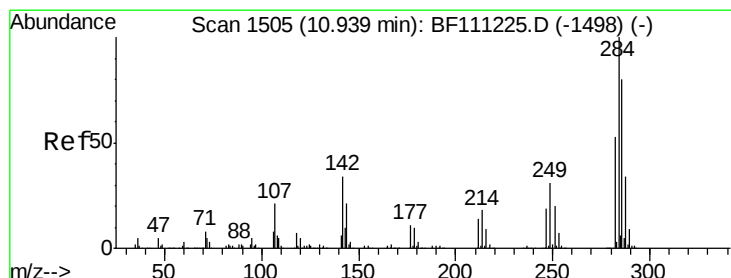
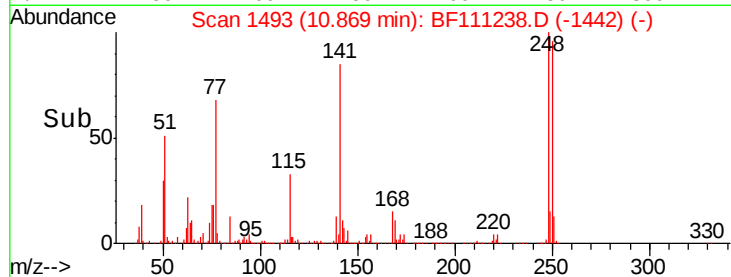
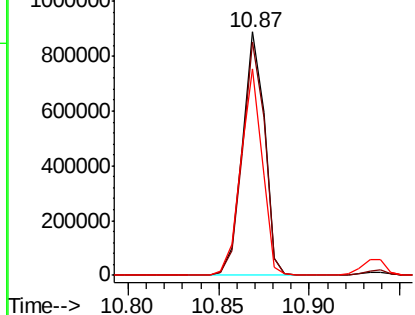
#67
4-Bromophenyl-phenylether
Concen: 35.046 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.0	115.4
141	84.7	63.0	94.6

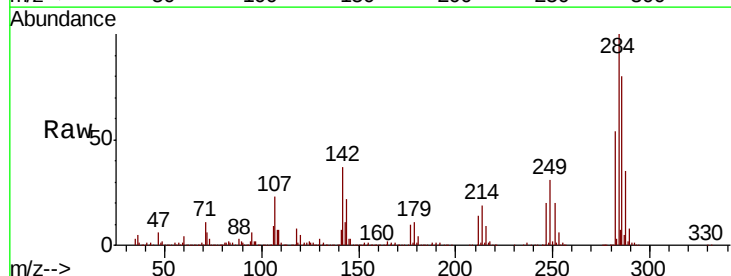


Abundance Ion 248.00 (247.70 to 248.70): E
1200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

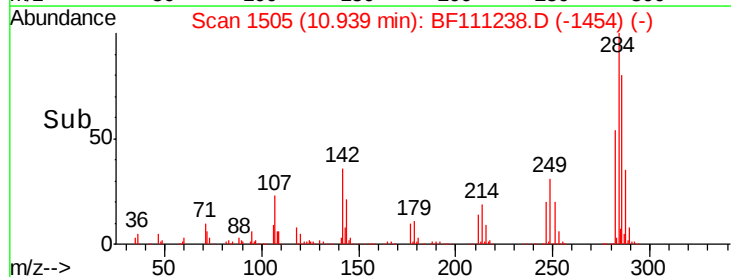
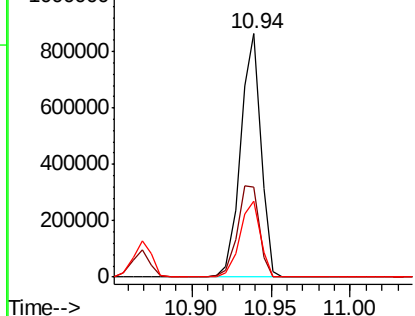


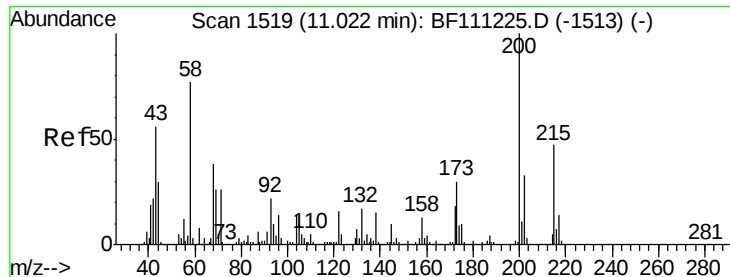
#68
Hexachlorobenzene
Concen: 34.784 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	27.4	41.2
249	31.4	24.4	36.6



Abundance Ion 283.80 (283.50 to 284.50): E
1200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.692 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampled :

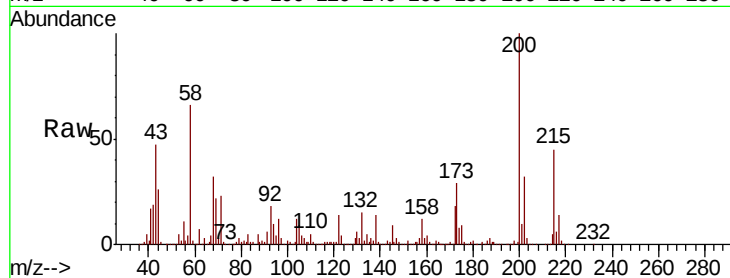
Tot Ion:200 Resp: 768666

Ion Ratio Lower Upper

200 100

173 29.2 10.1 50.1

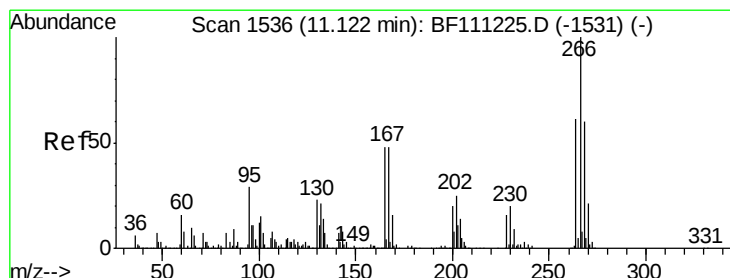
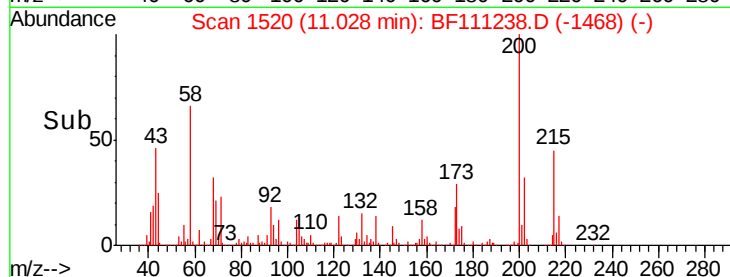
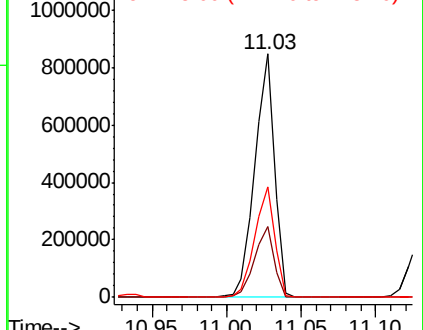
215 45.3 26.9 66.9



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: 55.638 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

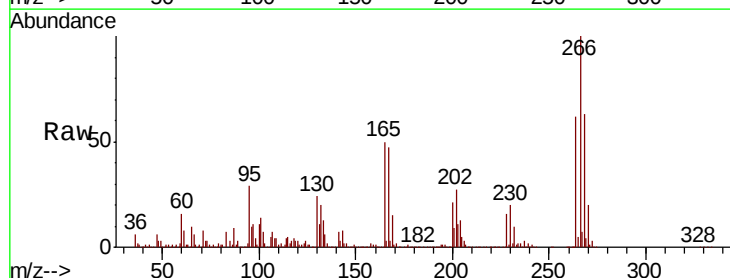
Tgt Ion:266 Resp: 885975

Ion Ratio Lower Upper

266 100

268 62.7 47.9 71.9

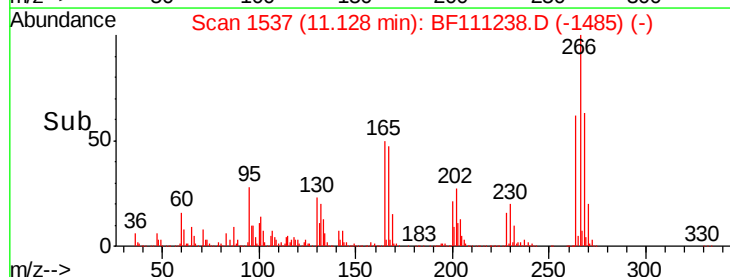
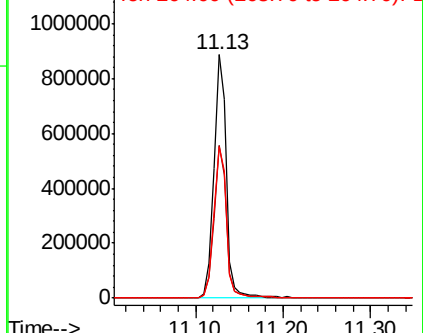
264 62.2 49.1 73.7

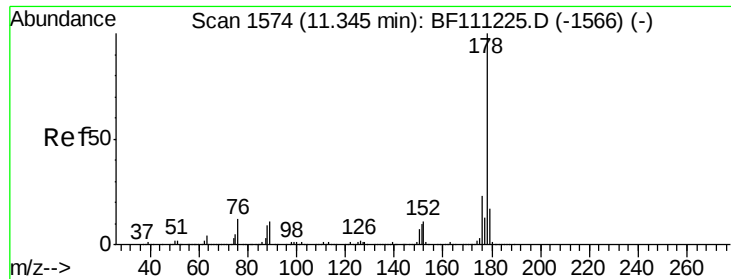


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

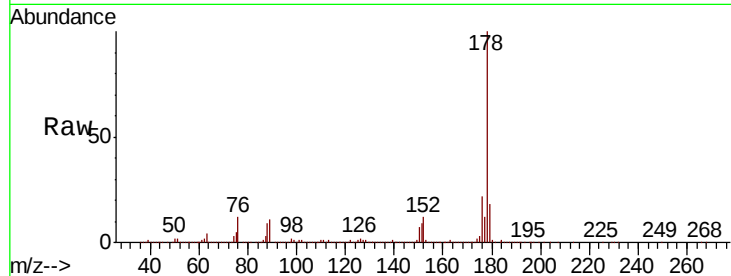




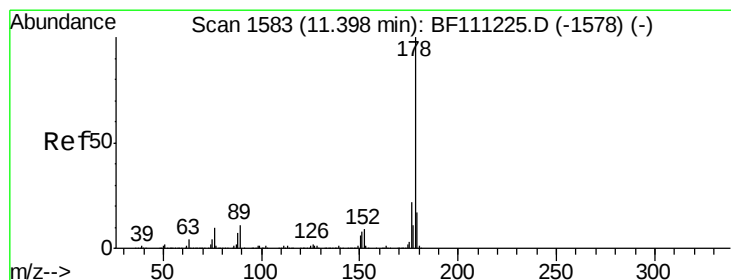
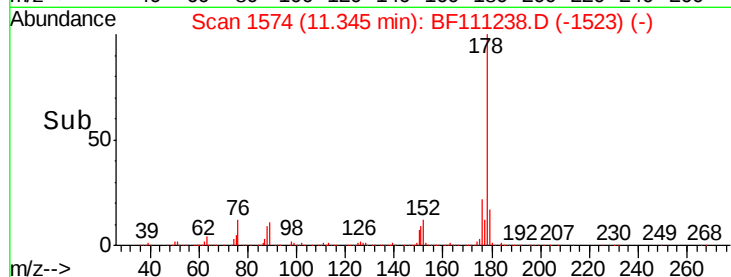
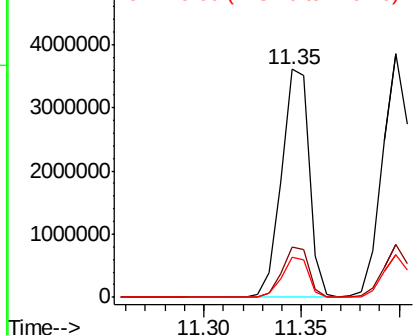
#71
Phenanthrene
Concen: 35.773 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 3554760
Ion Ratio Lower Upper
178 100
176 22.0 18.1 27.1
179 17.5 14.0 21.0

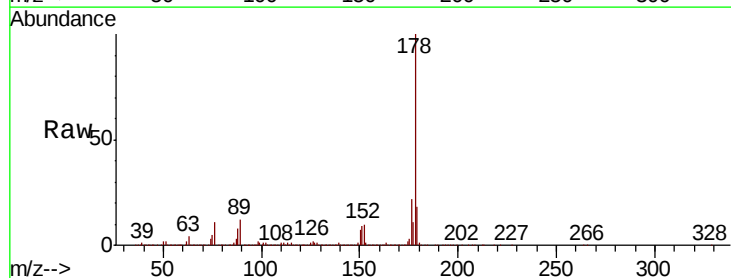


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

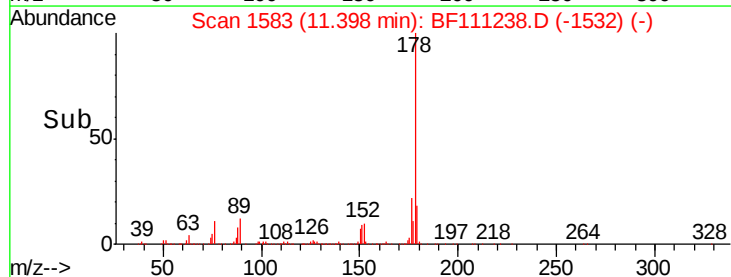
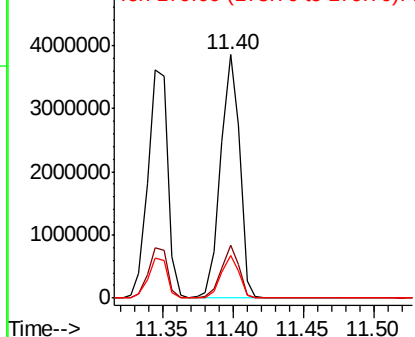


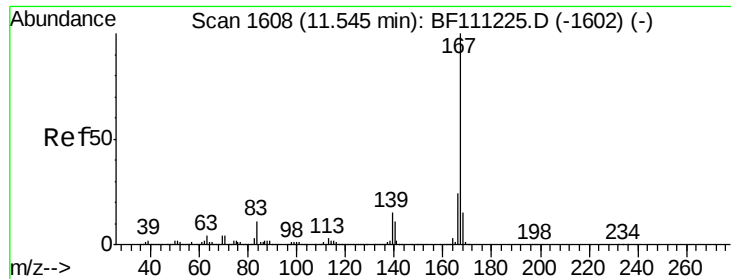
#72
Anthracene
Concen: 34.721 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:178 Resp: 3609678
Ion Ratio Lower Upper
178 100
176 21.7 17.2 25.8
179 17.8 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

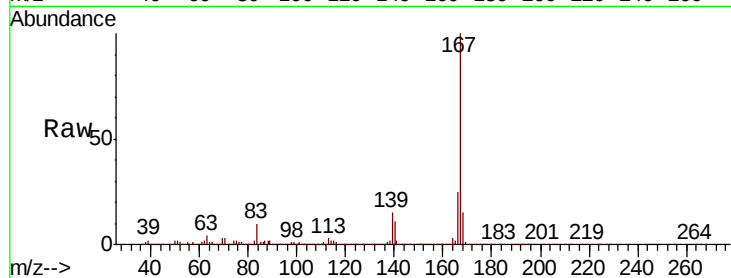




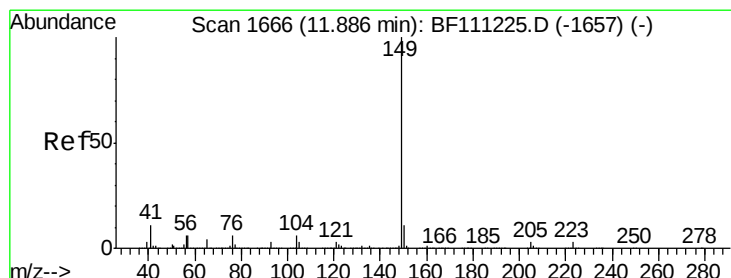
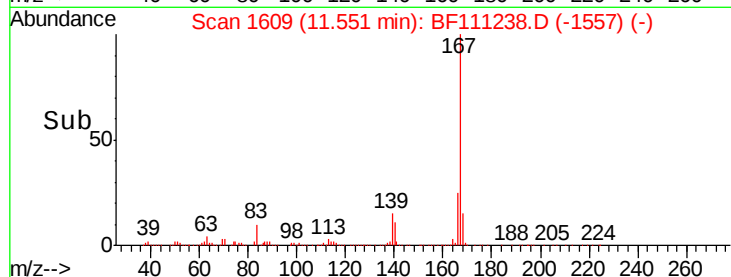
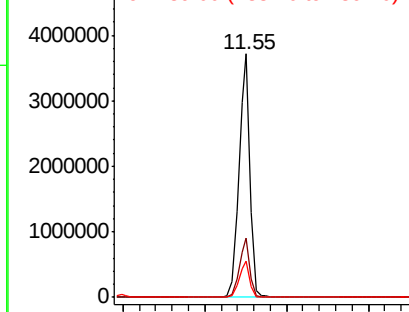
#73
 Carbazole
 Concen: 31.817 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3458737
 Ion Ratio Lower Upper
 167 100
 166 24.6 19.3 28.9
 139 14.8 11.9 17.9

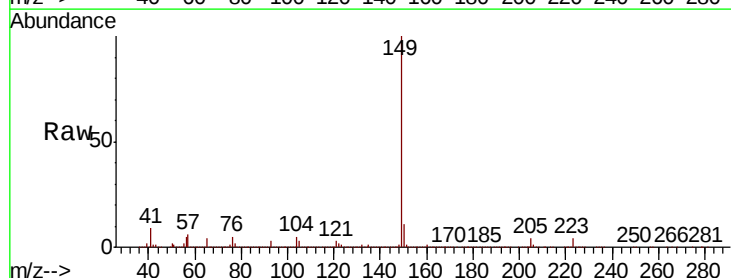


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

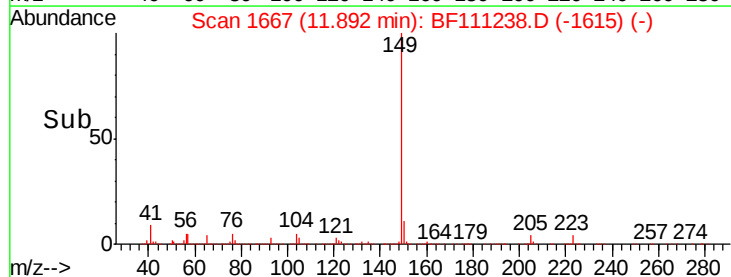
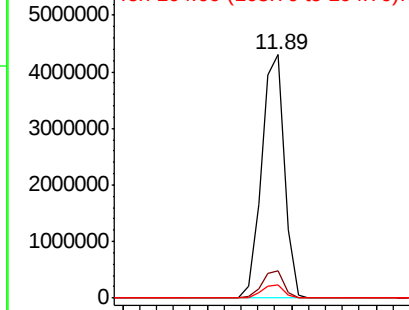


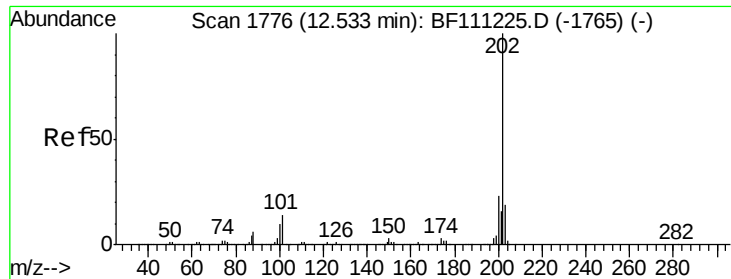
#74
 Di-n-butylphthalate
 Concen: 36.064 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion:149 Resp: 4029630
 Ion Ratio Lower Upper
 149 100
 150 11.0 8.8 13.2
 104 5.3 4.5 6.7



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: 37.482 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

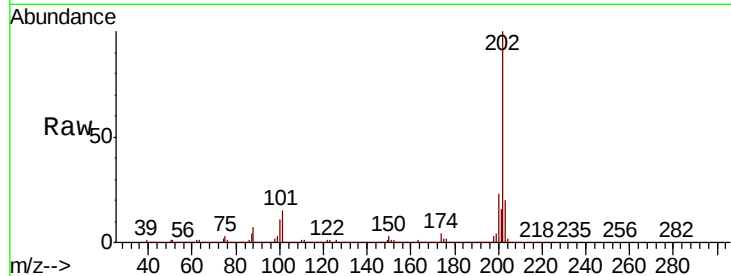
Tot Ion:202 Resp: 3402402

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.8

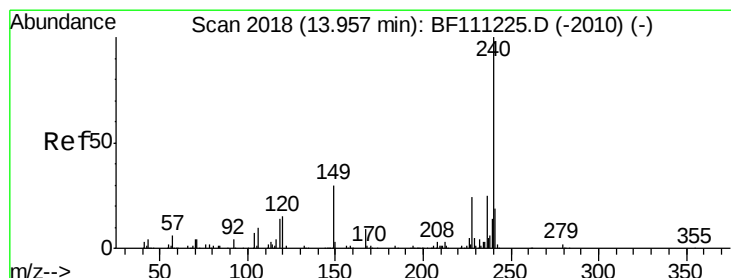
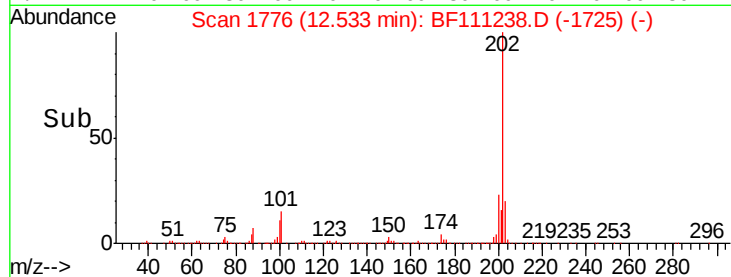
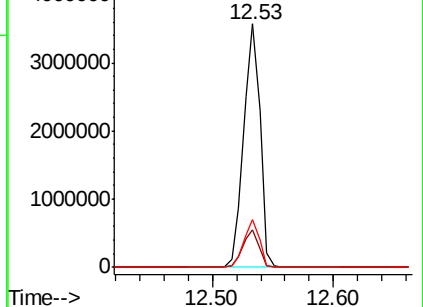
203 19.7 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

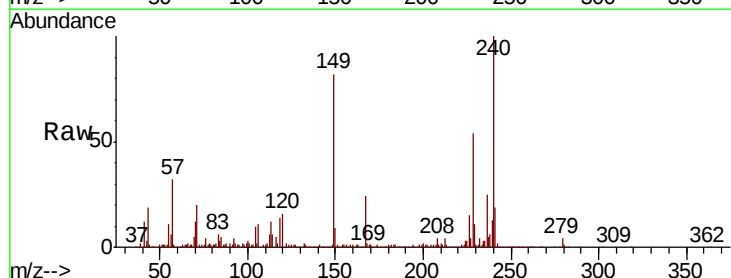
Tgt Ion:240 Resp: 992983

Ion Ratio Lower Upper

240 100

120 15.6 12.2 18.2

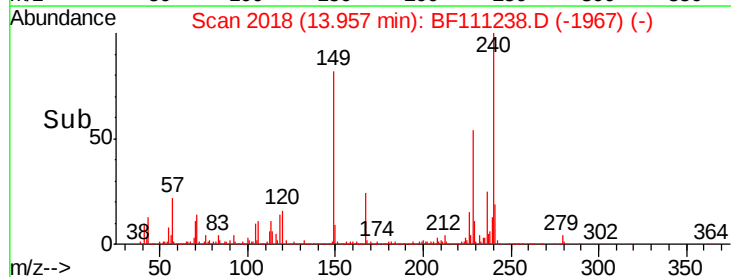
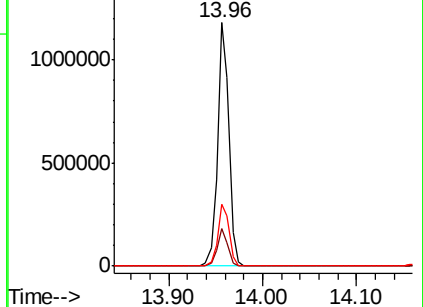
236 25.3 20.2 30.2

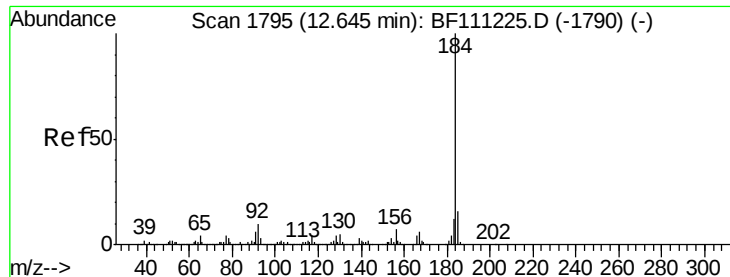


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.259 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

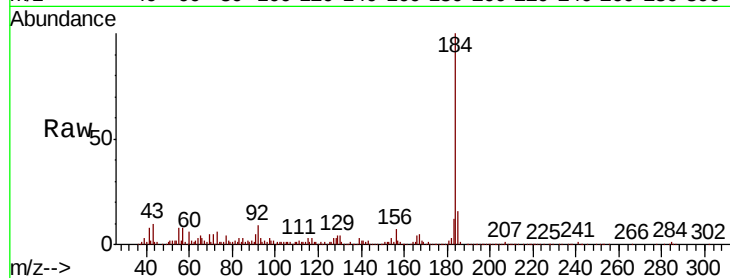
Tot Ion:184 Resp: 361439

Ion Ratio Lower Upper

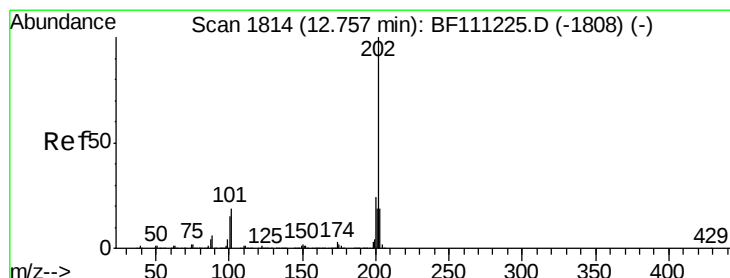
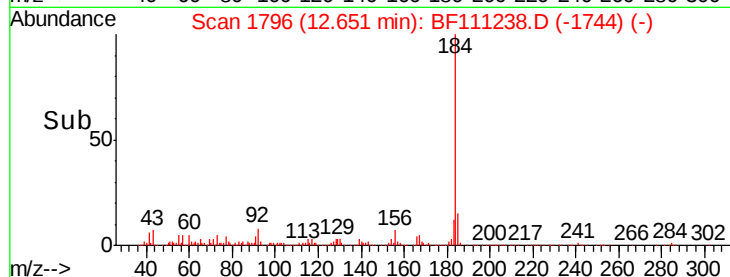
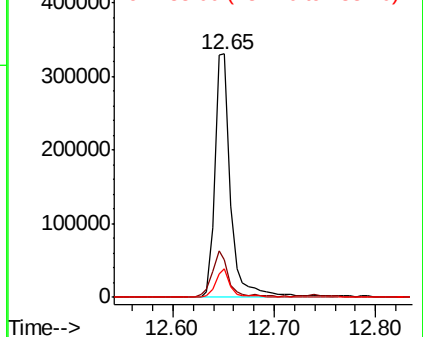
184 100

185 15.6 13.0 19.6

183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.522 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

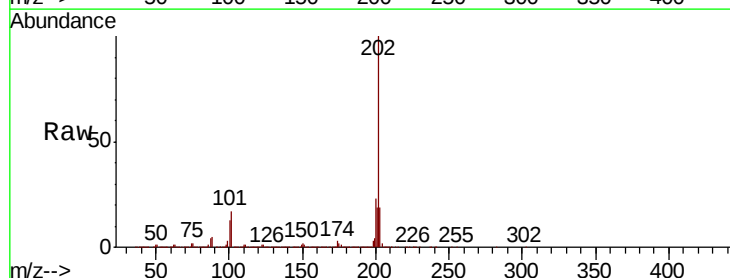
Tgt Ion:202 Resp: 3372147

Ion Ratio Lower Upper

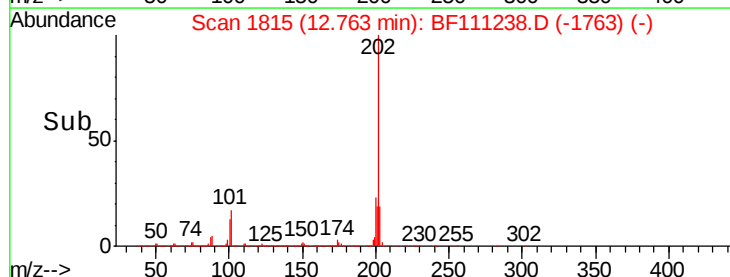
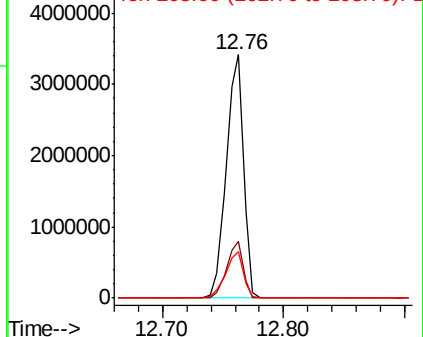
202 100

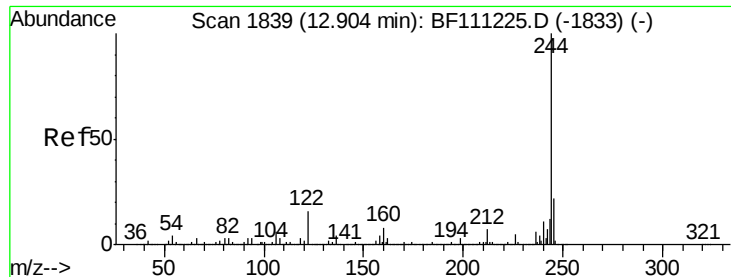
200 23.3 19.0 28.4

203 19.2 15.2 22.8



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

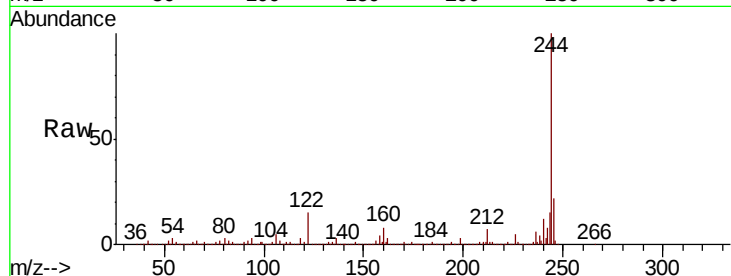




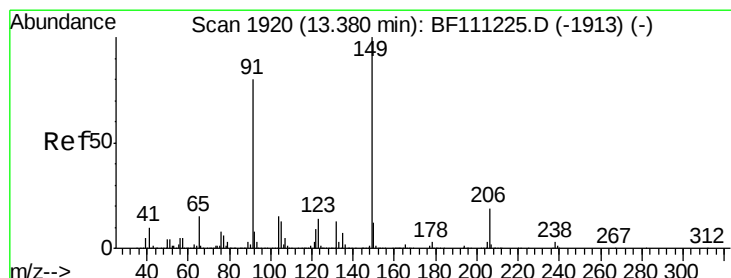
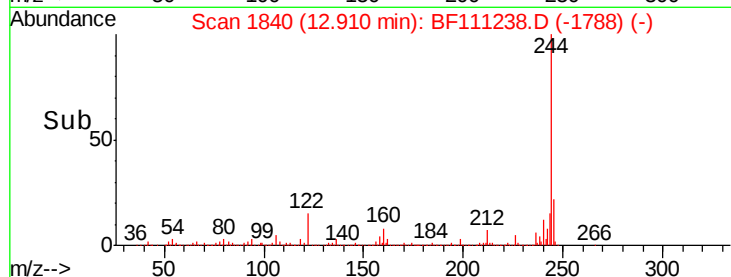
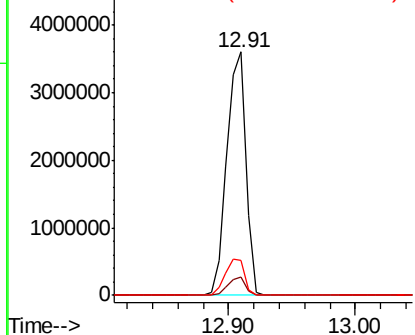
#79
 Terphenyl-d14
 Concen: 90.639 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 3752240
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 14.6 13.1 19.7

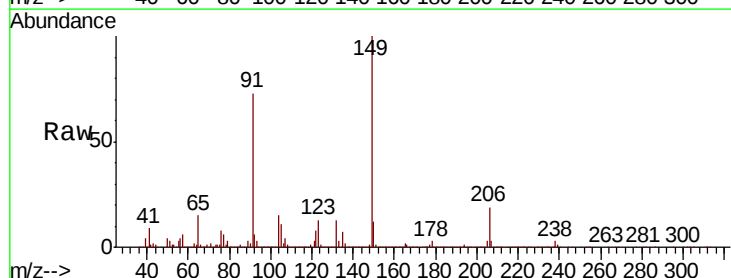


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

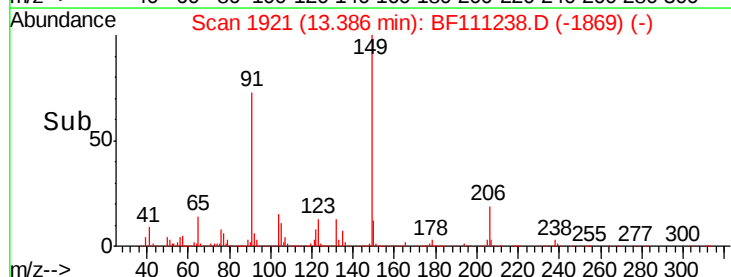
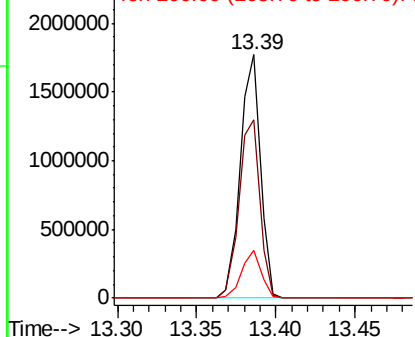


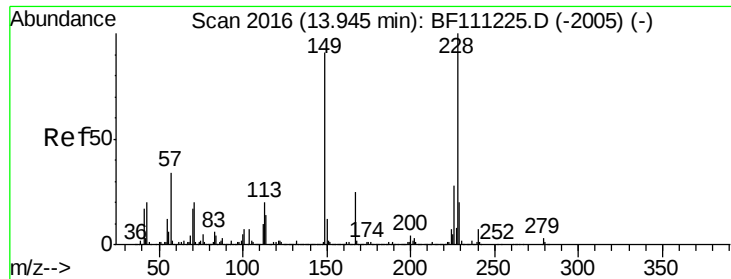
#80
 Butylbenzylphthalate
 Concen: 41.967 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion:149 Resp: 1555441
 Ion Ratio Lower Upper
 149 100
 91 73.4 63.8 95.6
 206 19.5 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.532 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

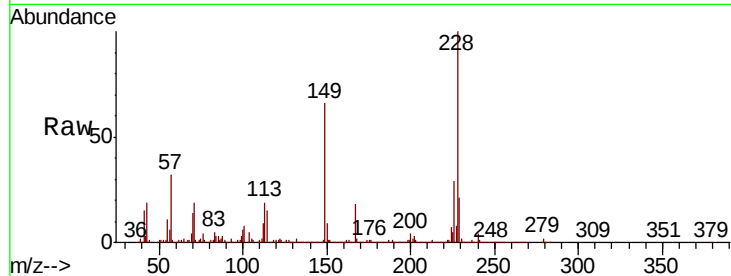
Tot Ion:228 Resp: 2189981

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	34.0
229	20.8	16.3	24.5

228 100

226 28.7 22.6 34.0

229 20.8 16.3 24.5

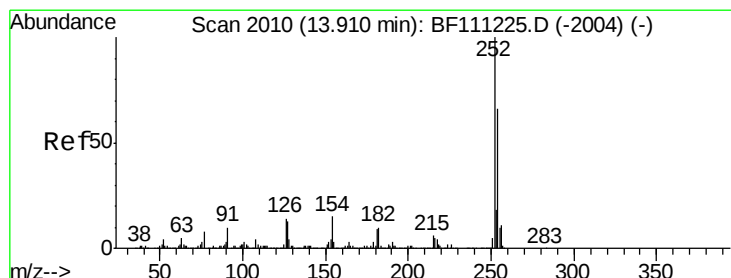
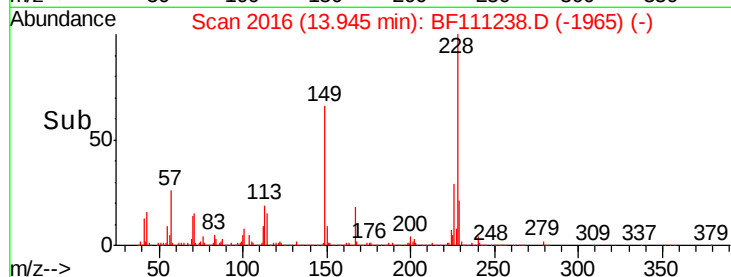
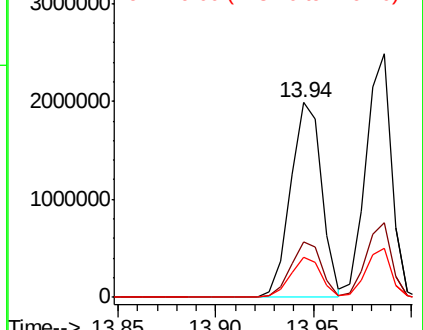


Abundance

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: 19.181 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

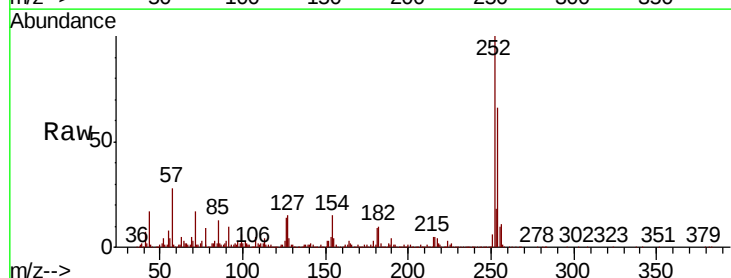
Tgt Ion:252 Resp: 435525

Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.7	79.1
126	14.3	11.1	16.7

252 100

254 66.2 52.7 79.1

126 14.3 11.1 16.7

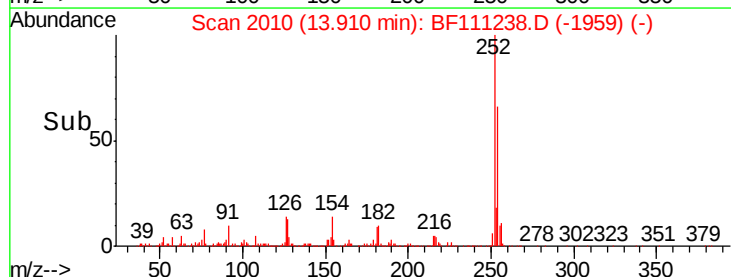
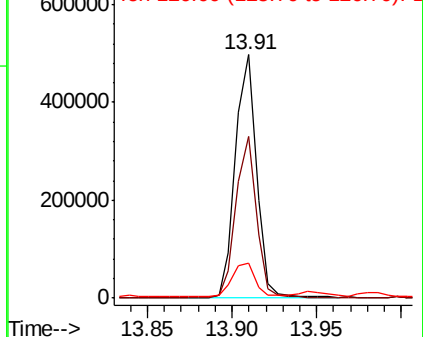


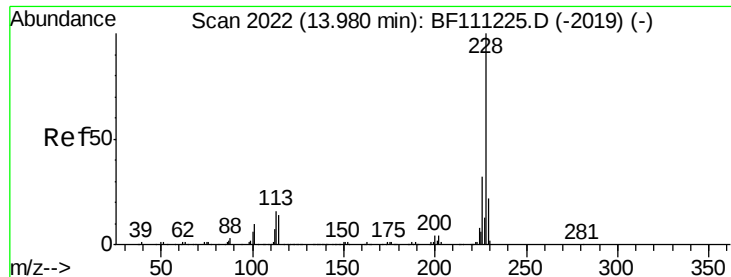
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

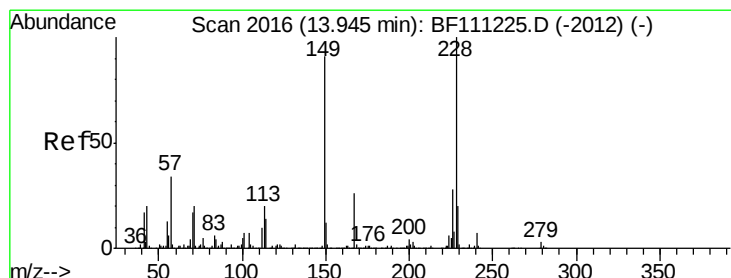
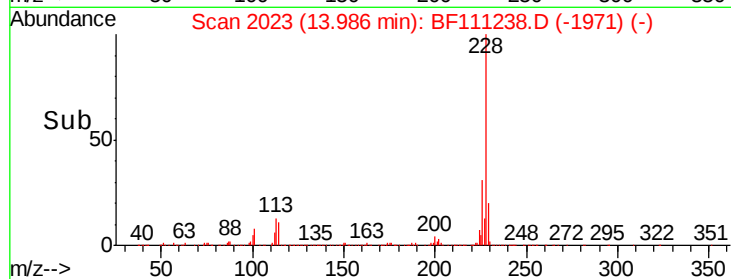
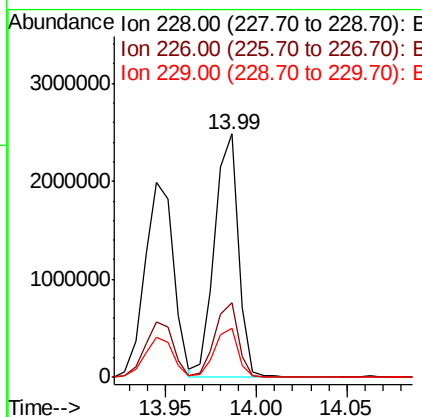
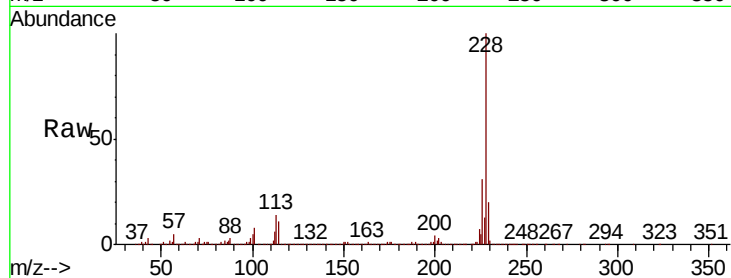




#83
 Chrvsene
 Concen: 39.734 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

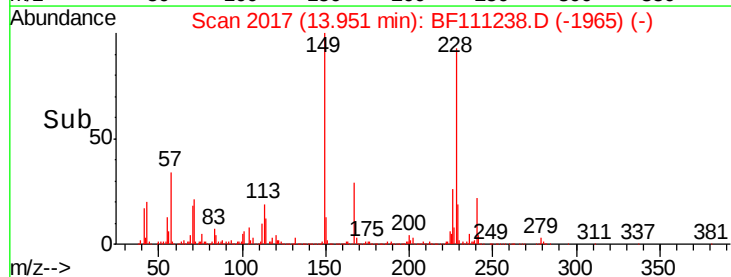
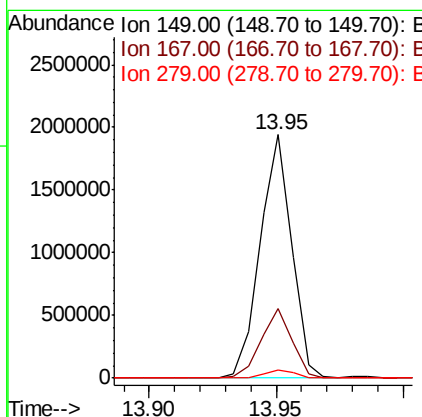
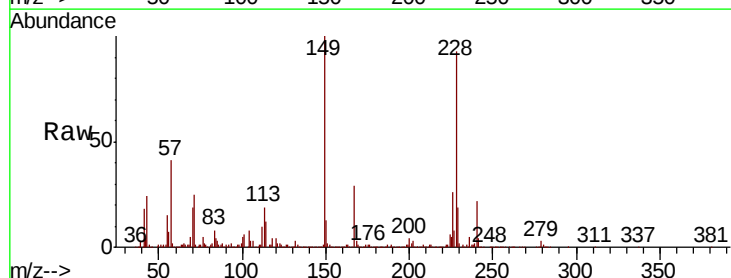
Instrument :
 BNA_F
 ClientSampleId :

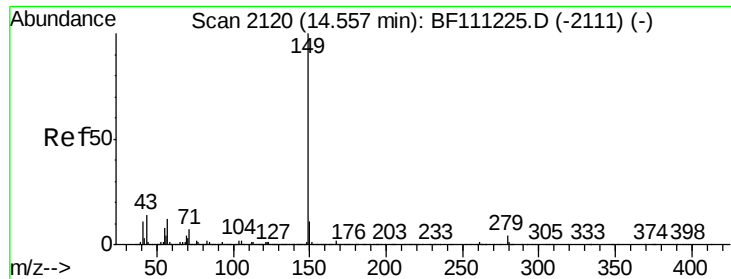
Tot Ion:228 Resp: 2269234
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.3 37.9
 229 20.1 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.997 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111238.D
 Acq: 10 Dec 2018 13:17

Tgt Ion:149 Resp: 1673443
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.5 33.7
 279 3.3 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 38.731 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

Instrument :

BNA_F

ClientSampleId :

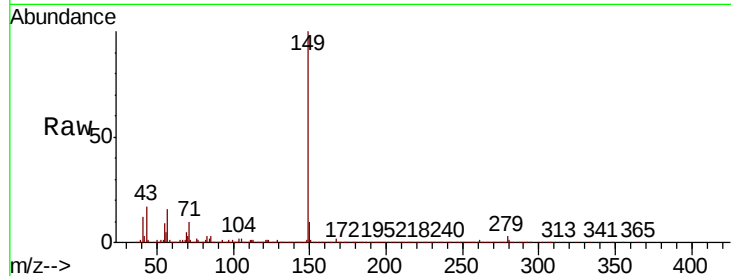
Tot Ion:149 Resp: 2859021

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

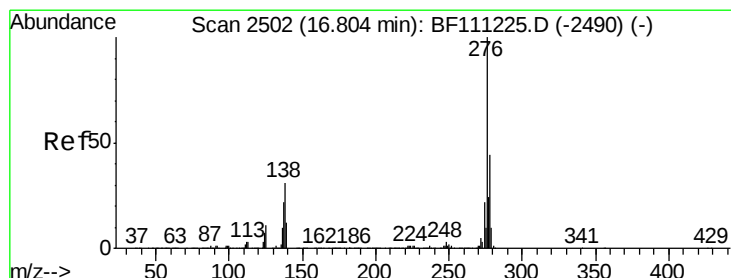
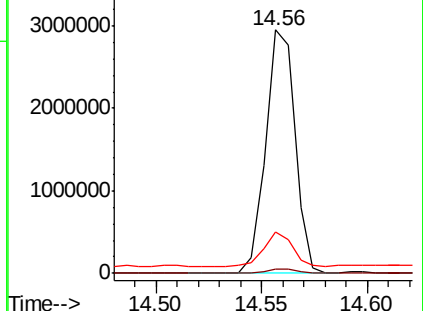
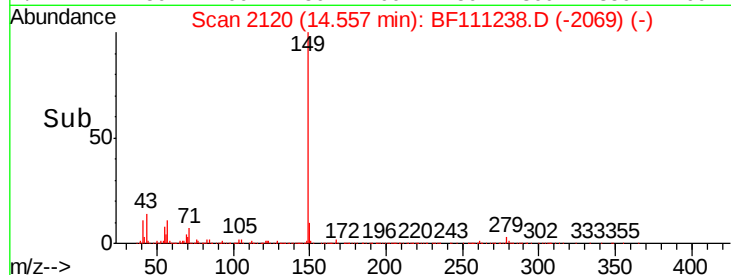
43 13.3 10.9 16.3



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: 55.952 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111238.D

Acq: 10 Dec 2018 13:17

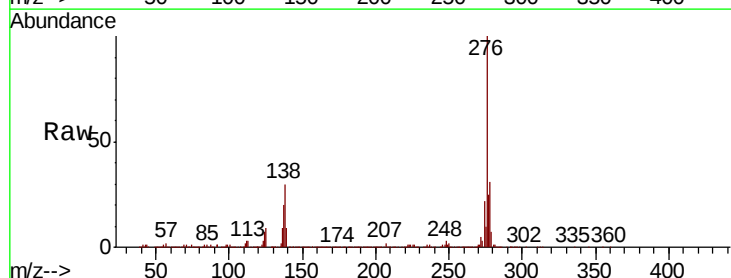
Tgt Ion:276 Resp: 2579438

Ion Ratio Lower Upper

276 100

138 33.7 27.8 41.6

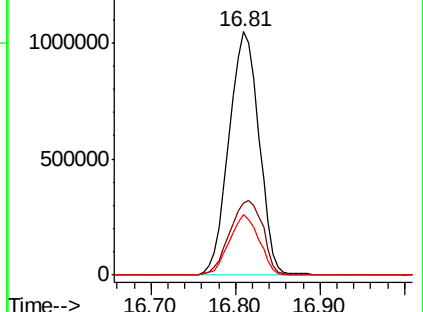
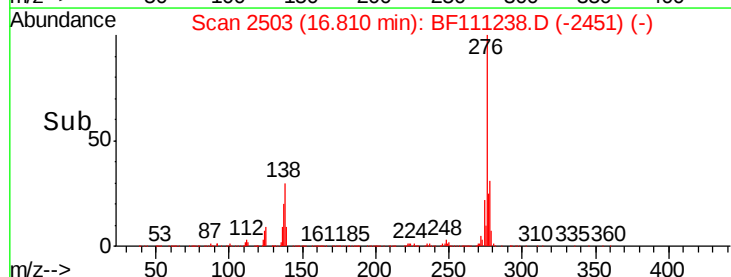
277 24.5 20.1 30.1

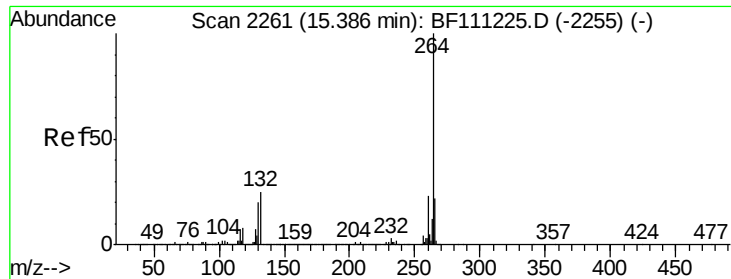


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



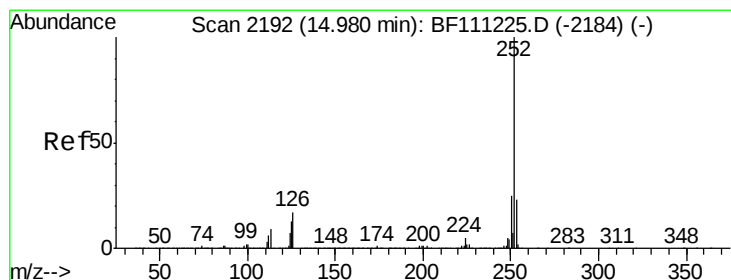
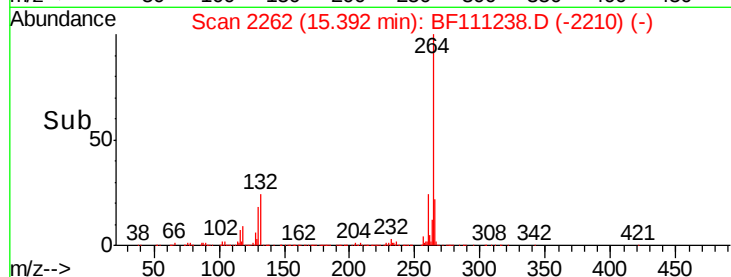
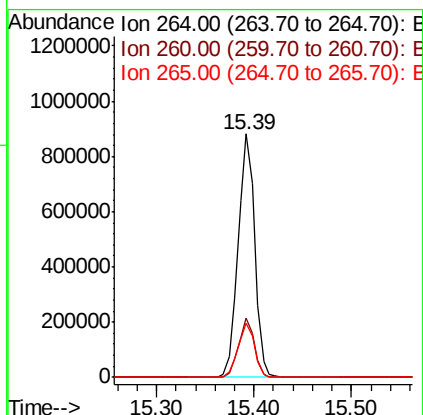
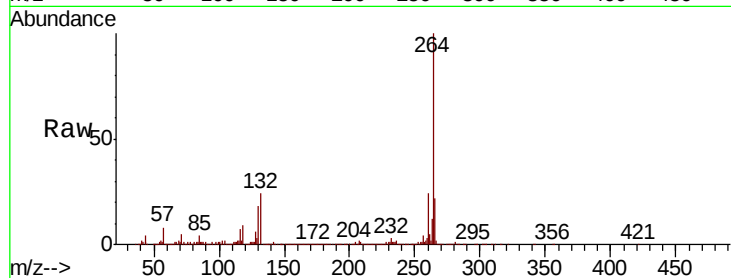


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1041507

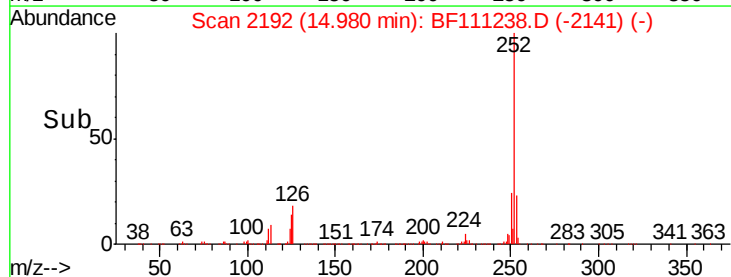
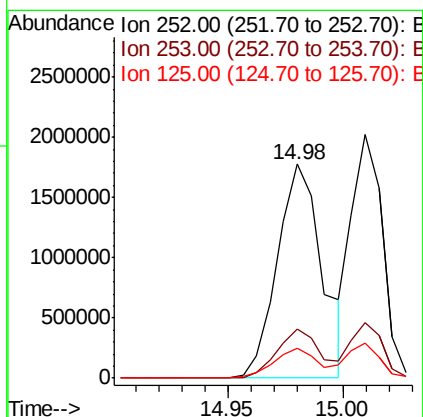
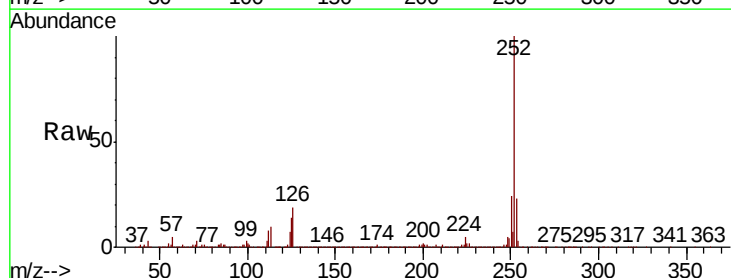
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	22.4	17.7	26.5

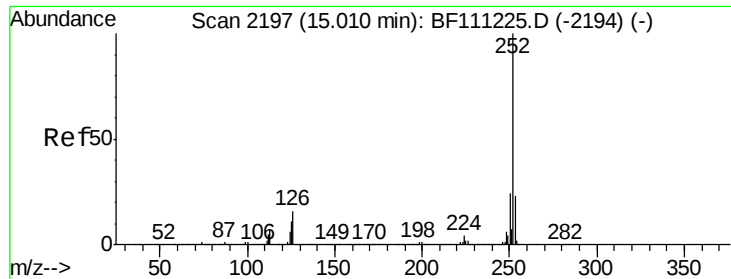


#88
Benzo(b)fluoranthene
Concen: 41.514 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:252 Resp: 2391109

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.9	10.4	15.6

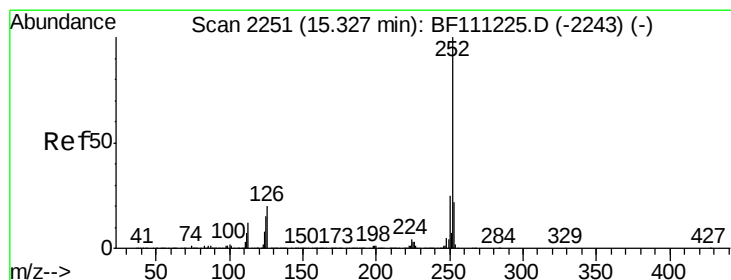
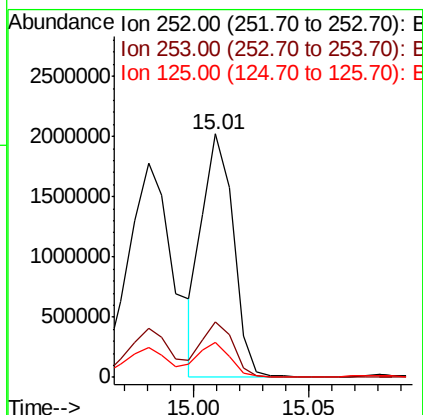
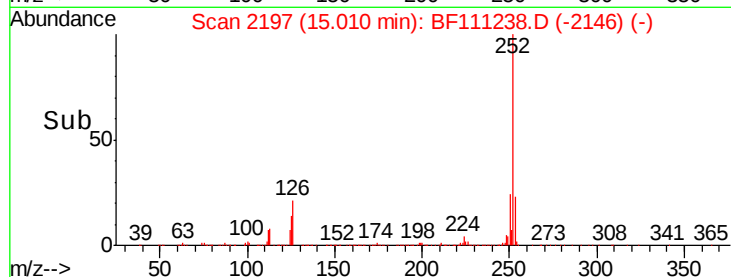
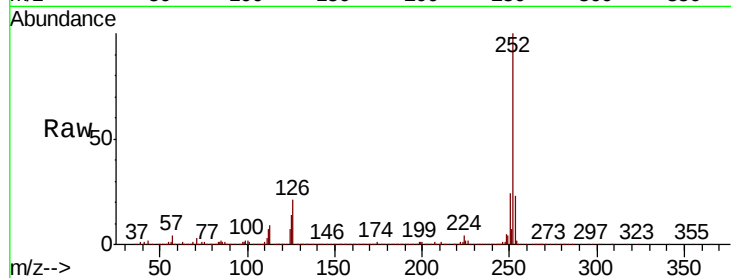




#89
Benzo(k)fluoranthene
Concen: 34.859 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

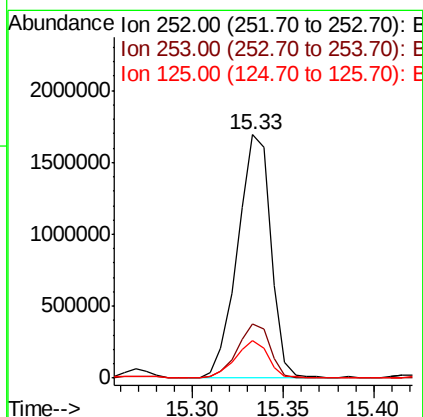
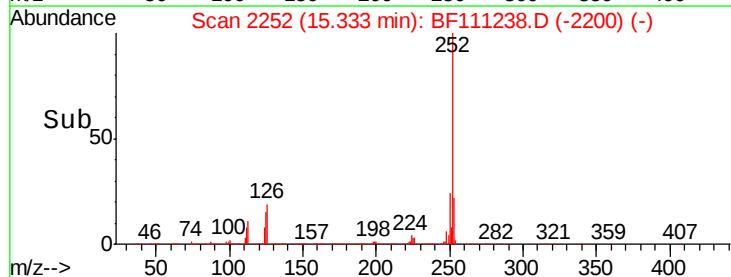
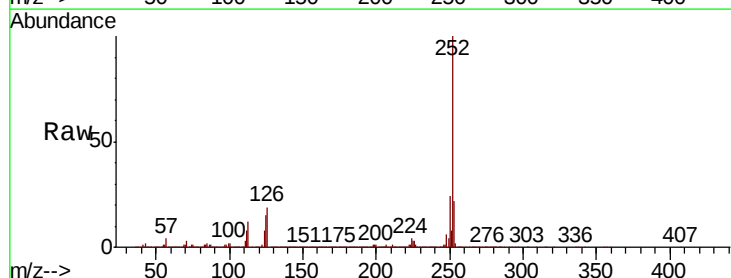
Instrument :
BNA_F
ClientSampleId :

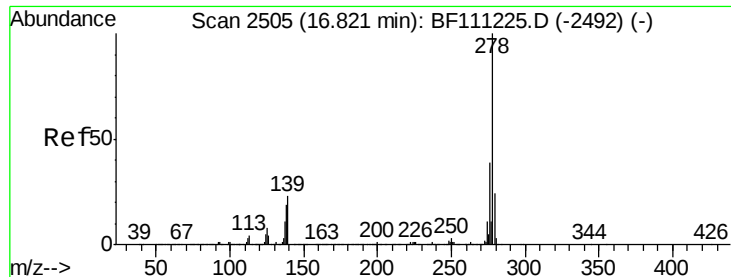
Tot Ion:252 Resp: 1887721
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 14.4 9.8 14.8



#90
Benzo(a)pyrene
Concen: 40.619 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:252 Resp: 2154451
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 15.2 12.3 18.5



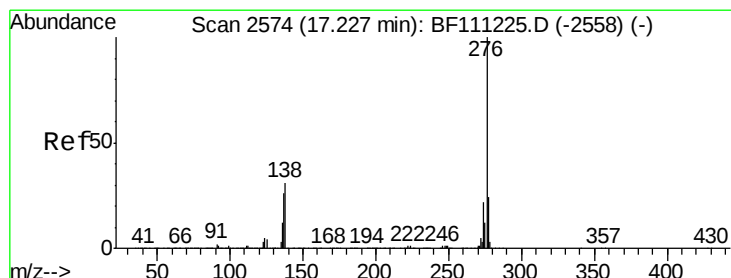
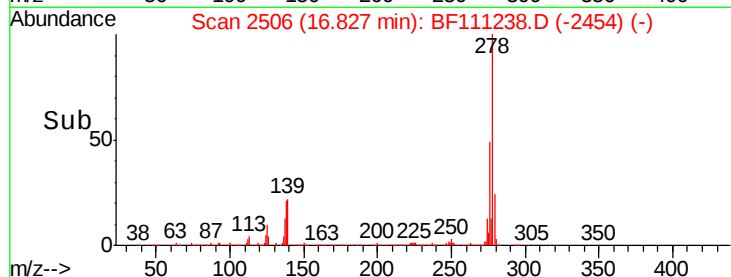
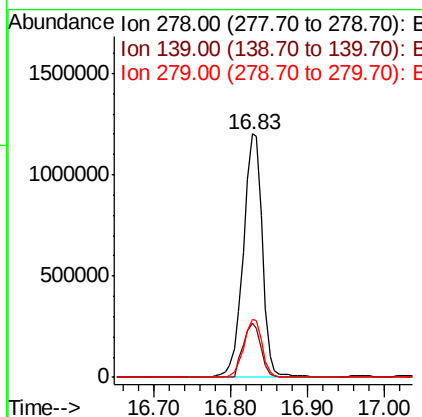
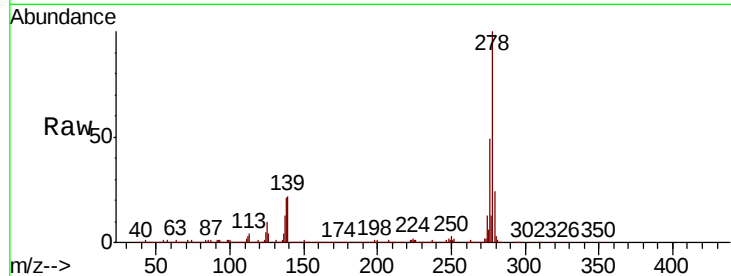


#91
Dibenzo(a,h)anthracene
Concen: 49.888 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2078362

Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.2	27.4
279	24.0	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 54.048 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111238.D
Acq: 10 Dec 2018 13:17

Tgt Ion:276 Resp: 2253990

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	29.8	24.9	37.3

