

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102435.D
 Acq On : 25 Jan 2018 20:38
 Operator : SJ/JU
 Sample : J1251-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 00:22:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140591	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	582355	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	255995	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	414717	20.00	ng	0.00
75) Chrysene-d12	13.88	240	255338	20.00	ng	0.00
86) Perylene-d12	15.30	264	257690	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	997081	107.53	ng	0.01
7) Phenol-d6	6.37	99	1215432	108.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	769940	75.98	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	225226	88.79	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1237894	71.10	ng	0.00
78) Terphenyl-d14	12.82	244	950479	83.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	125941	28.587	ng	98
3) Pyridine	3.12	79	181176	15.737	ng	95
4) n-Nitrosodimethylamine	3.06	42	184659	40.912	ng	94
6) Aniline	6.39	93	314470	21.269	ng	# 9
8) 2-Chlorophenol	6.50	128	380830	39.181	ng	99
9) Benzaldehyde	6.27	77	209789	31.516	ng	96
10) Phenol	6.38	94	492862	40.386	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	376423	40.555	ng	100
12) 1,3-Dichlorobenzene	6.66	146	393773	34.064	ng	98
13) 1,4-Dichlorobenzene	6.73	146	394814	34.096	ng	99
14) 1,2-Dichlorobenzene	6.89	146	377806	35.670	ng	99
15) Benzyl Alcohol	6.87	79	299603	37.986	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	569622	36.591	ng	90
17) 2-Methylphenol	6.99	107	313949	37.191	ng	# 93
18) Hexachloroethane	7.22	117	138709	34.376	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	249523	36.475	ng	97
20) 3+4-Methylphenols	7.14	107	383582	38.636	ng	# 85
22) Acetophenone	7.13	105	527806	38.020	ng	# 94
24) Nitrobenzene	7.30	77	399572	38.529	ng	97
25) Isophorone	7.55	82	721532	39.939	ng	98
26) 2-Nitrophenol	7.62	139	212766	38.981	ng	96
27) 2,4-Dimethylphenol	7.66	122	345269	43.564	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	464271	41.601	ng	100
29) 2,4-Dichlorophenol	7.86	162	330425	40.929	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	315810	36.493	ng	98
31) Naphthalene	8.02	128	1068306	36.742	ng	99
32) Benzoic acid	7.80	122	160745	24.208	ng	96
33) 4-Chloroaniline	8.08	127	275403	22.524	ng	99
34) Hexachlorobutadiene	8.13	225	162721	35.205	ng	98
35) Caprolactam	8.49	113	28210	10.580	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	348055	40.901	ng	99
37) 2-Methylnaphthalene	8.72	142	736544	38.037	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	289977	37.650	ng	99
40) Hexachlorocyclopentadiene	8.86	237	141194	40.964	ng	94

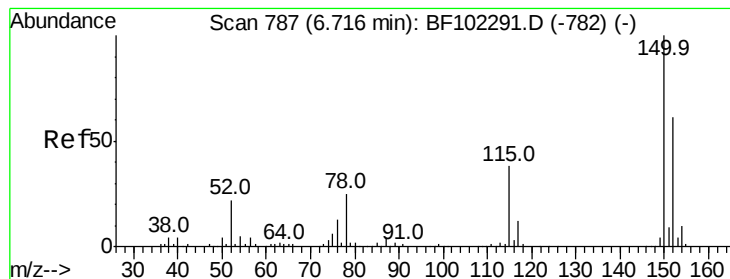
Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	207225	40.192	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	218919	37.711	nq	96
45) 1,1'-Biphenyl	9.18	154	851163	37.185	nq	97
46) 2-Chloronaphthalene	9.20	162	656940	36.923	nq	98
47) 2-Nitroaniline	9.30	65	220106	39.680	nq	94
48) Acenaphthylene	9.62	152	977816	35.276	nq	100
49) Dimethylphthalate	9.48	163	990354	46.804	nq	99
50) 2,6-Dinitrotoluene	9.55	165	176892	38.775	nq	96
51) Acenaphthene	9.79	154	578061	35.708	nq	100
52) 3-Nitroaniline	9.72	138	139212	25.795	nq	98
53) 2,4-Dinitrophenol	9.83	184	144155	70.869	nq #	21
54) Dibenzofuran	9.96	168	849641	38.780	nq	98
55) 4-Nitrophenol	9.90	139	259379	72.810	nq	96
56) 2,4-Dinitrotoluene	9.96	165	212927	37.954	nq #	92
57) Fluorene	10.30	166	655568	37.761	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	159457	38.471	nq	99
59) Diethylphthalate	10.18	149	748728	36.413	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	293400	38.979	nq	96
61) 4-Nitroaniline	10.33	138	184789	34.314	nq	95
62) Azobenzene	10.46	77	695452	36.942	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	98706	35.675	nq	95
65) n-Nitrosodiphenylamine	10.42	169	613513	40.305	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	179551	40.218	nq	92
67) Hexachlorobenzene	10.85	284	176416	35.333	nq	93
68) Atrazine	10.95	200	189257	42.098	nq	99
69) Pentachlorophenol	11.05	266	167994	64.050	nq	98
70) Phenanthrene	11.26	178	902766	37.356	nq	99
71) Anthracene	11.32	178	932143	37.790	nq	100
72) Carbazole	11.47	167	865894	35.983	nq	100
73) Di-n-butylphthalate	11.80	149	1133195	37.673	nq	100
74) Fluoranthene	12.45	202	817252	33.162	nq	98
76) Benzidine	12.57	184	127433	14.856	nq	98
77) Pyrene	12.68	202	797061	40.374	nq	98
79) Butylbenzylphthalate	13.30	149	407021	41.429	nq	96
80) Benzo(a)anthracene	13.87	228	609524	38.773	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	187296	32.478	nq	98
82) Chrysene	13.90	228	601994	37.710	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	557756	42.244	nq #	99
84) Di-n-octyl phthalate	14.47	149	878348	40.907	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	586354	44.475	nq	98
87) Benzo(b)fluoranthene	14.90	252	577163	34.556	nq	98
88) Benzo(k)fluoranthene	14.93	252	576856	36.556	nq	99
89) Benzo(a)pyrene	15.25	252	567790	37.693	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	492966	40.400	nq	97
91) Benzo(g,h,i)perylene	17.13	276	477984	39.672	nq	99

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

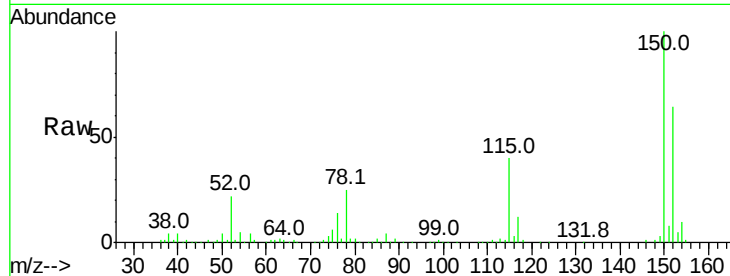


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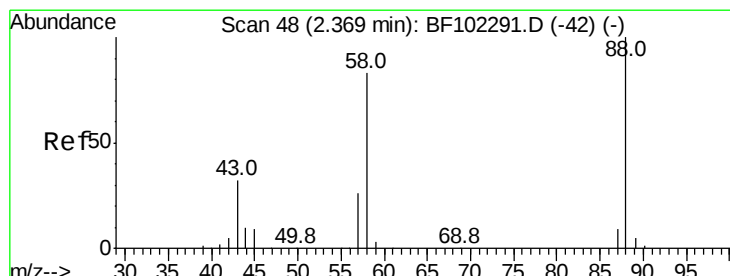
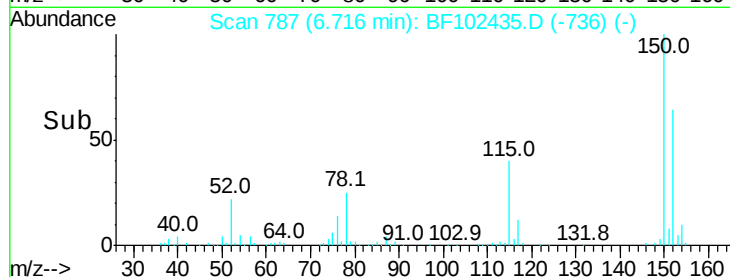
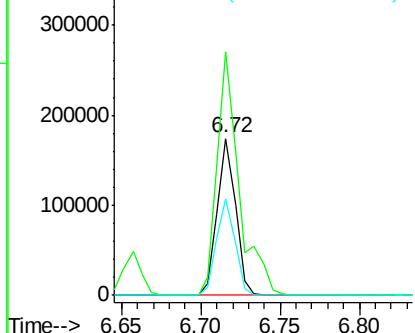
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140591
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 61.8 50.1 75.1



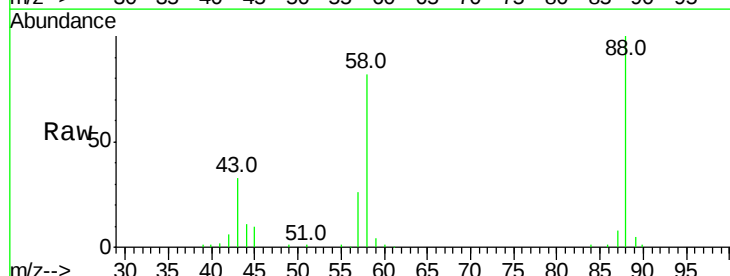
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



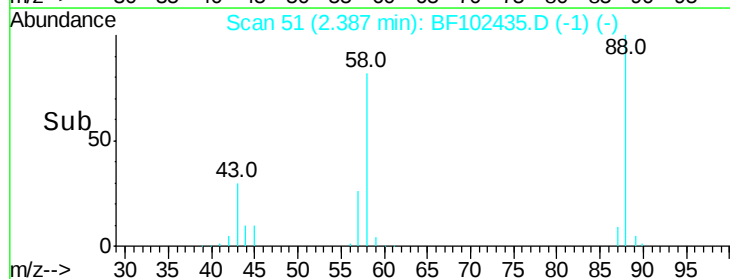
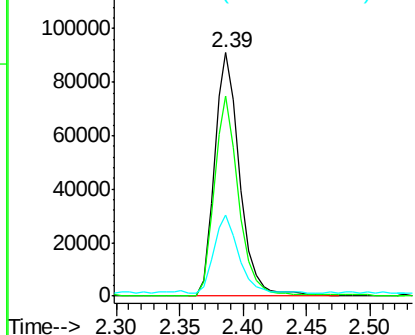
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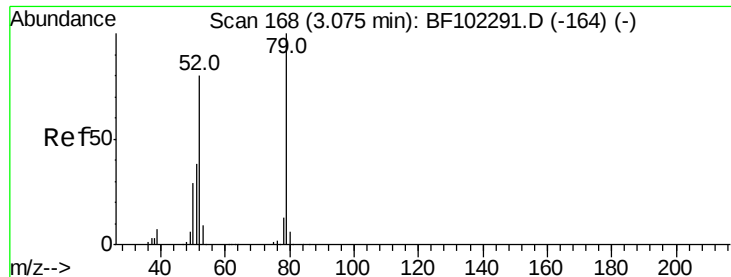
1,4-Dioxane
Concen: 28.587 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion: 88 Resp: 125941
Ion Ratio Lower Upper
88 100
58 80.2 62.6 93.8
43 32.1 24.6 37.0



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: 15.737 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.04 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

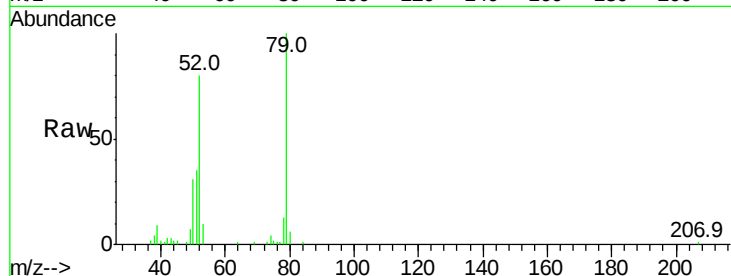
Tot Ion: 79 Resp: 181176

Ion Ratio Lower Upper

79 100

52 79.5 59.8 89.6

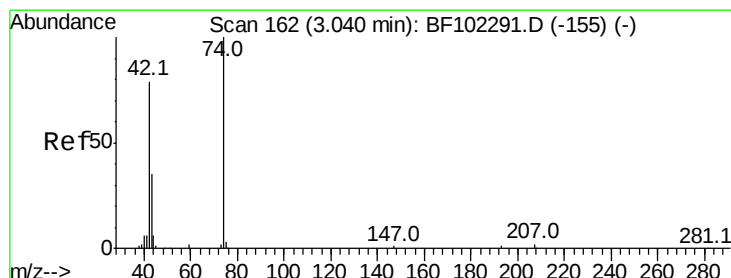
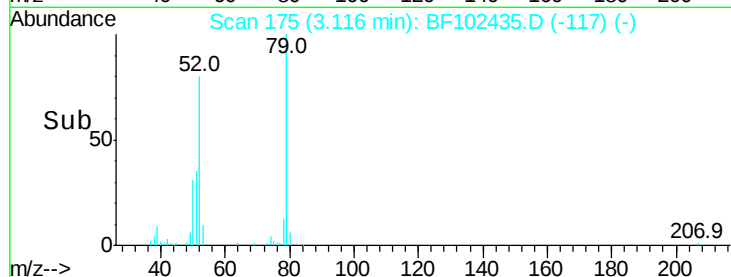
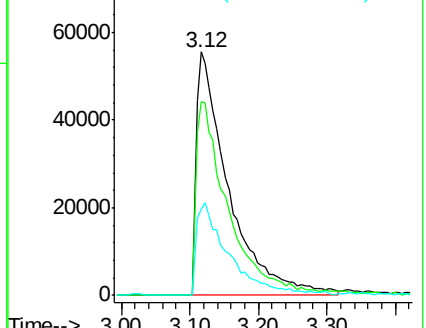
51 35.2 29.8 44.8



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: 40.912 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

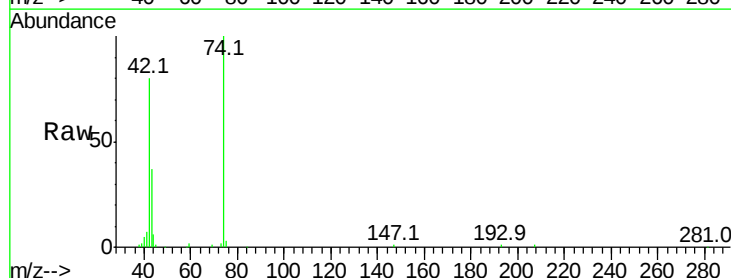
Tgt Ion: 42 Resp: 184659

Ion Ratio Lower Upper

42 100

74 124.3 104.9 157.3

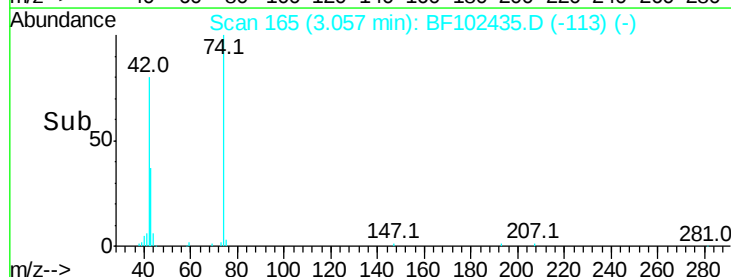
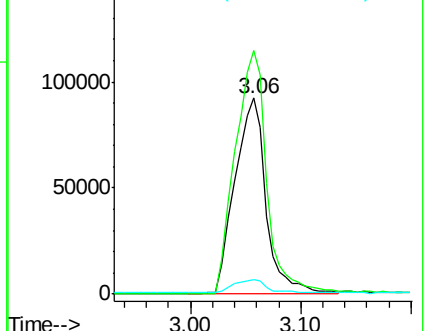
44 7.6 6.9 10.3

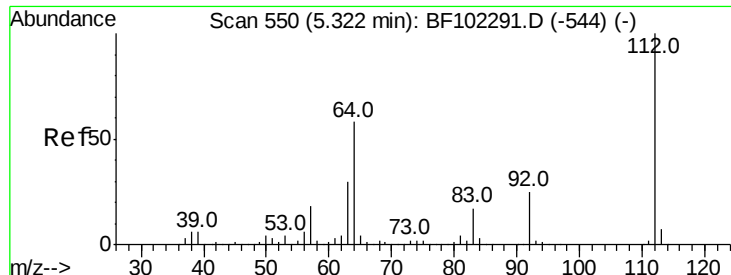


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.534 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

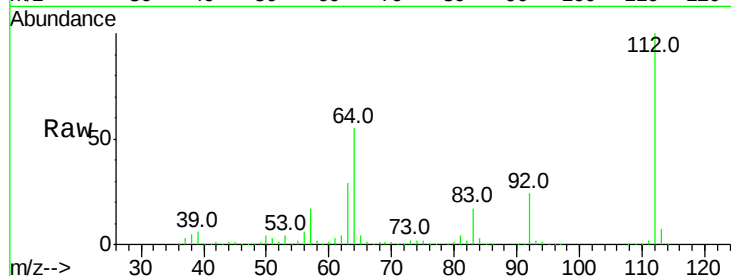
Tot Ion:112 Resp: 997081

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

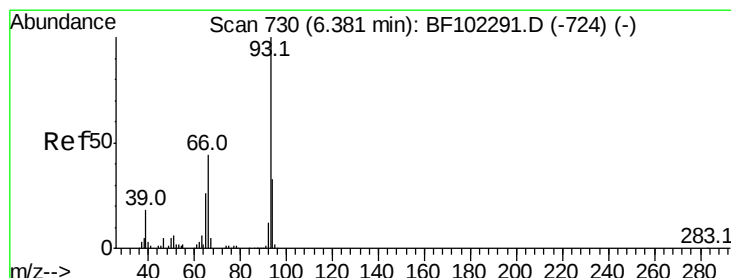
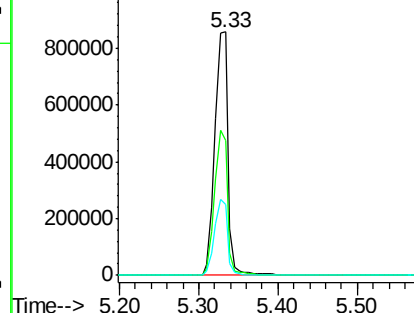
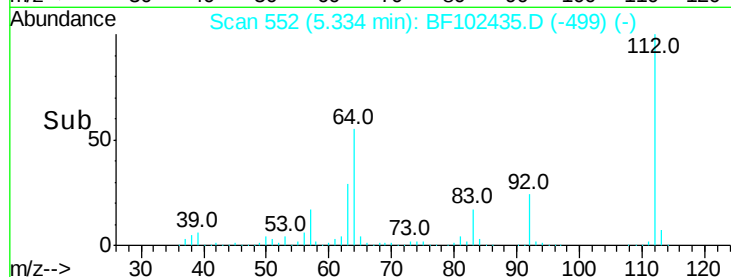
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.269 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

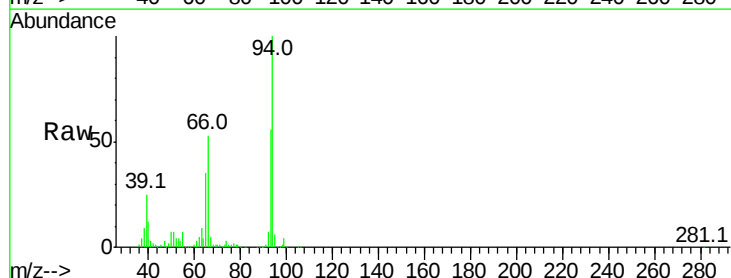
Tgt Ion: 93 Resp: 314470

Ion Ratio Lower Upper

93 100

66 95.7 32.2 48.2#

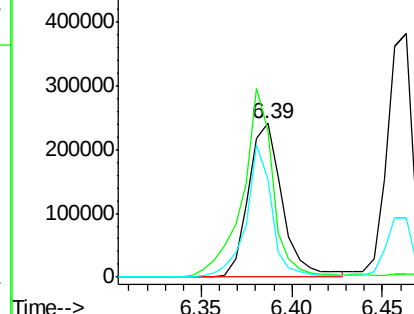
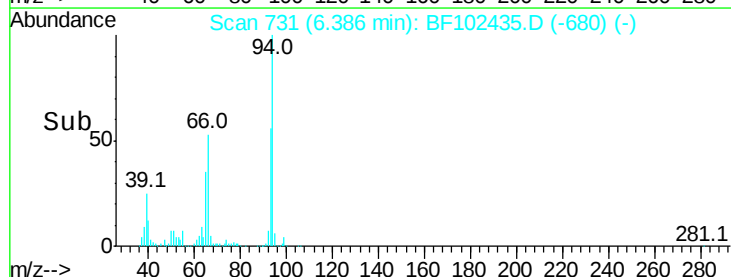
65 63.5 16.4 24.6#

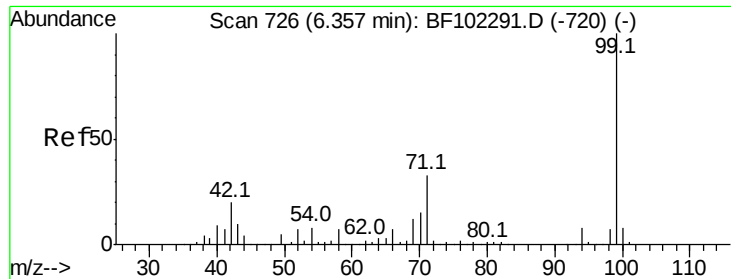


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.729 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

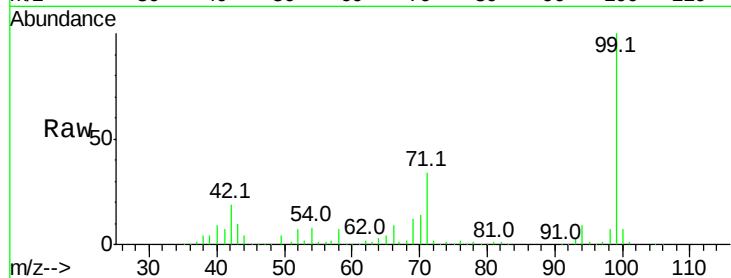
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1215432

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.7	25.4	38.0

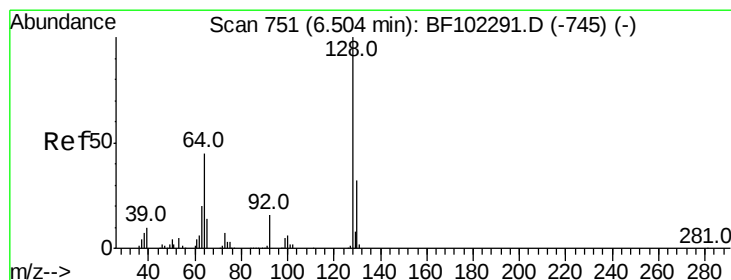
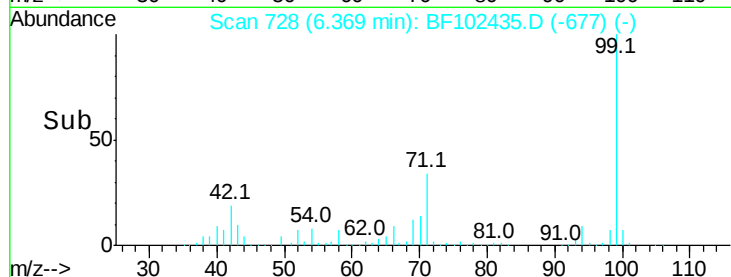
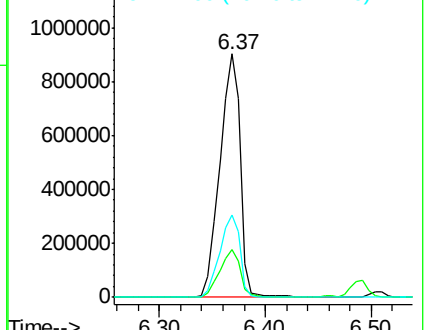


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.181 ng

RT: 6.50 min Scan# 751

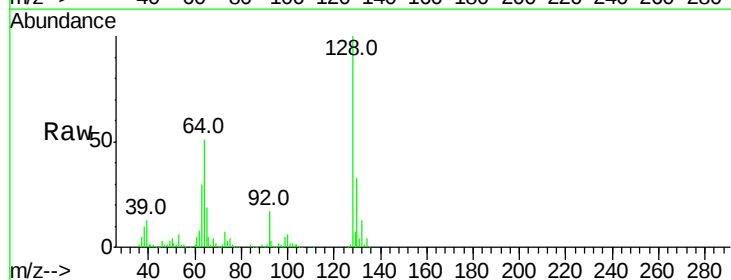
Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion: 128 Resp: 380830

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	50.9	29.4	69.4

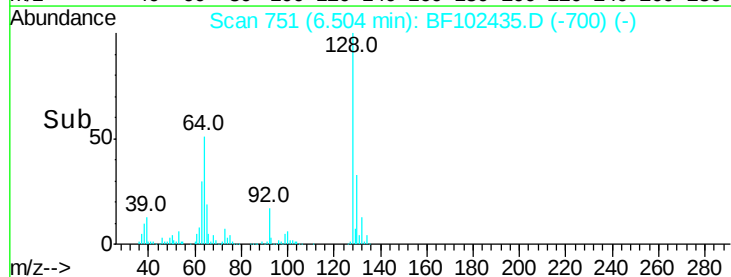
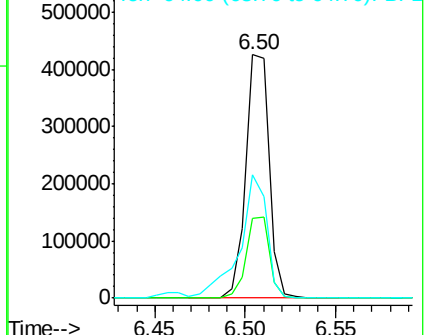


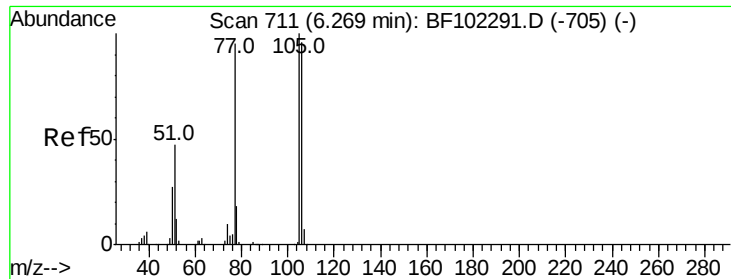
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.516 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

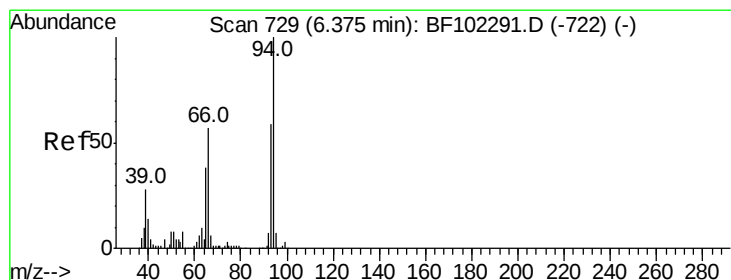
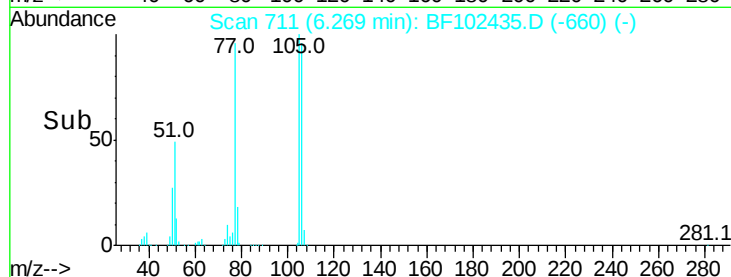
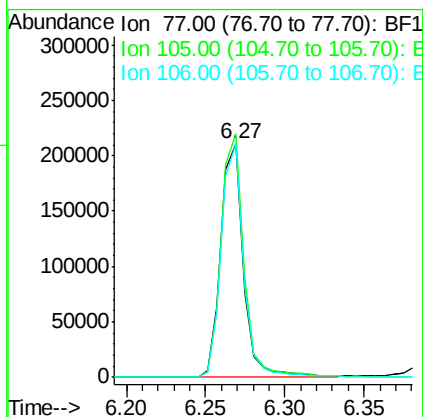
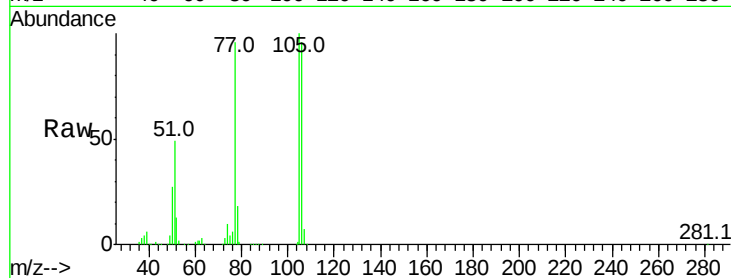
Tot Ion: 77 Resp: 209789

Ion Ratio Lower Upper

77 100

105 104.1 81.1 121.1

106 99.7 74.5 114.5



#10

Phenol

Concen: 40.386 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

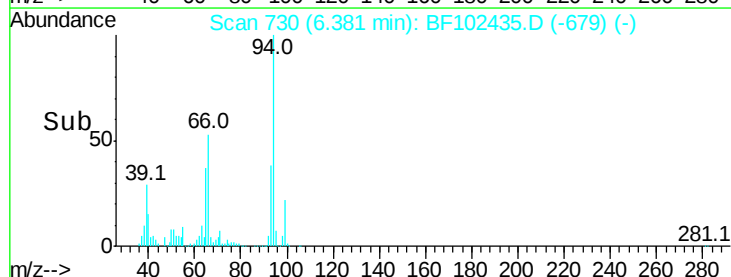
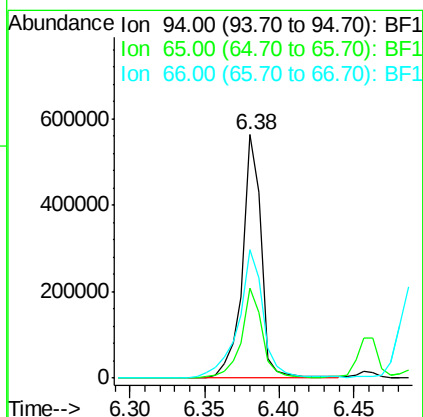
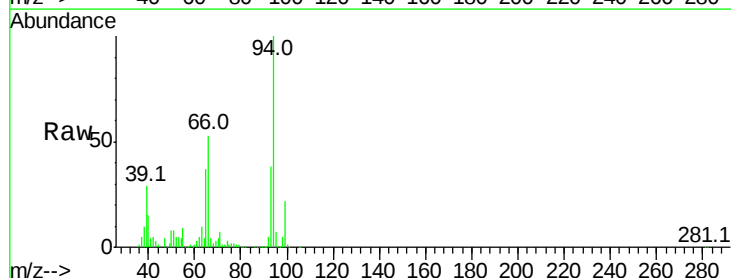
Tgt Ion: 94 Resp: 492862

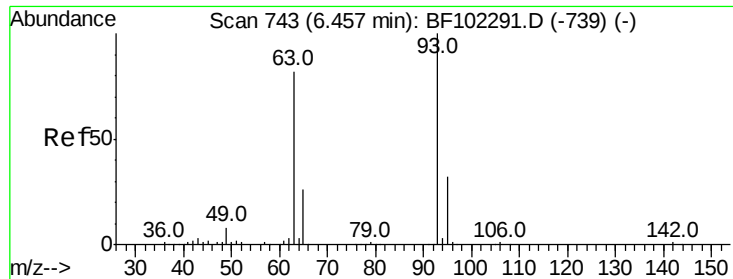
Ion Ratio Lower Upper

94 100

65 36.9 7.9 47.9

66 52.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.555 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

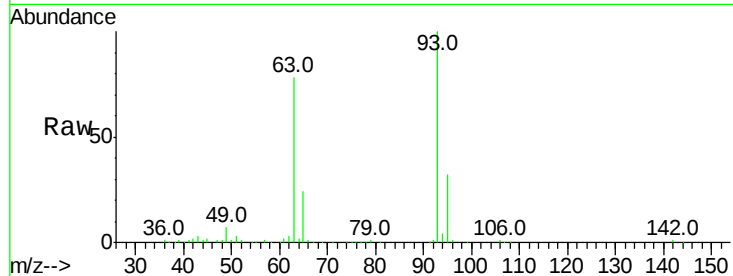
Tot Ion: 93 Resp: 376423

Ion Ratio Lower Upper

93 100

63 78.1 58.6 98.6

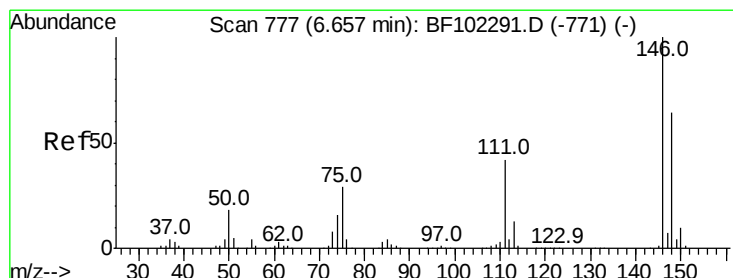
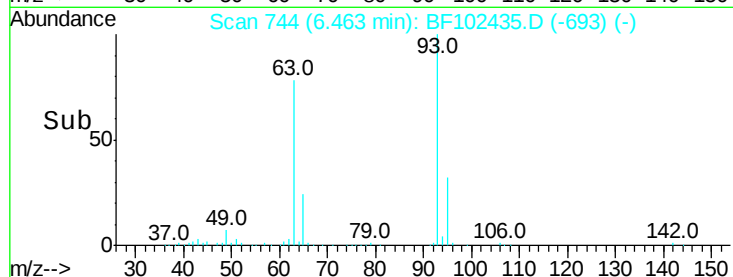
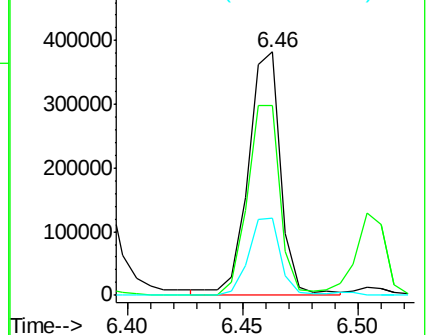
95 31.9 11.8 51.8



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: 34.064 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

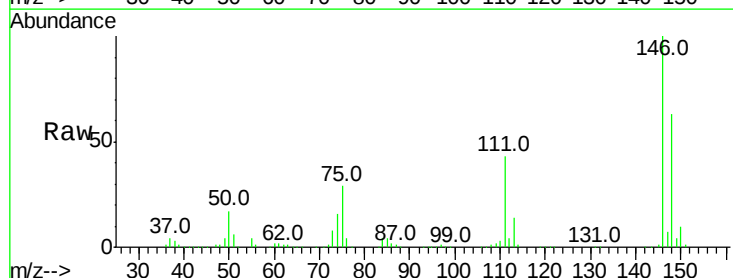
Tgt Ion: 146 Resp: 393773

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

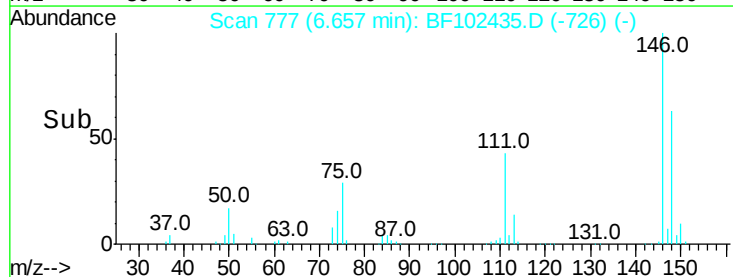
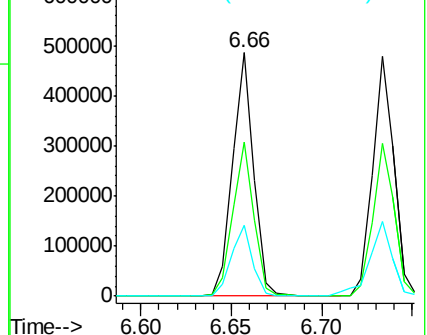
75 29.2 24.2 36.4

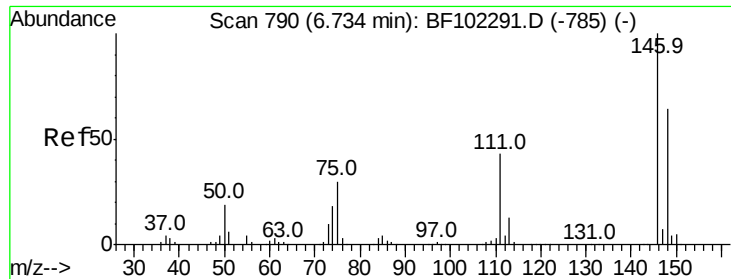


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

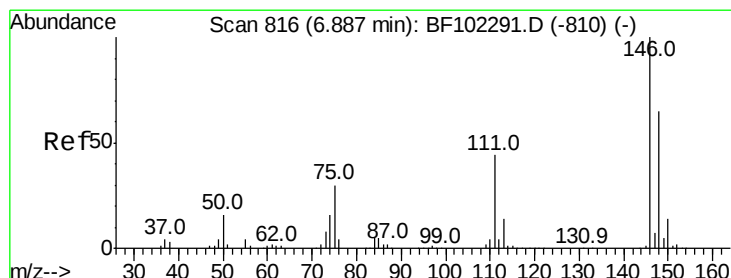
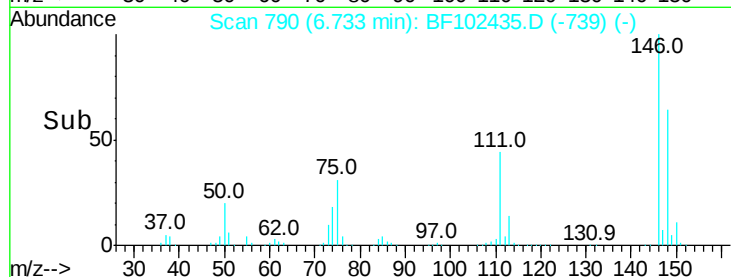
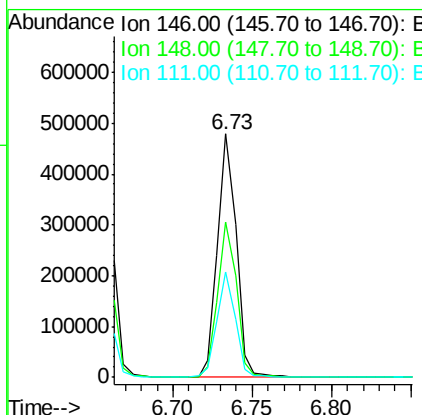
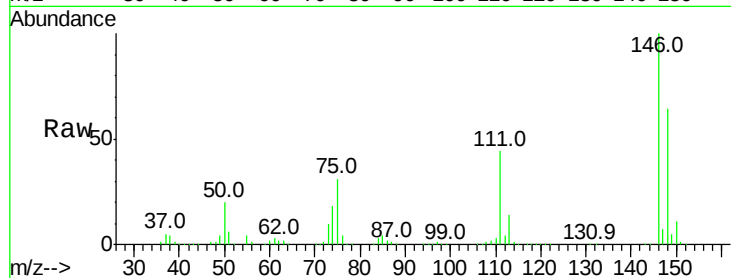




#13
 1,4-Dichlorobenzene
 Concen: 34.096 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

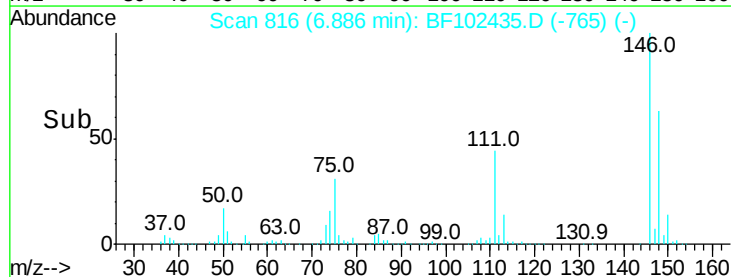
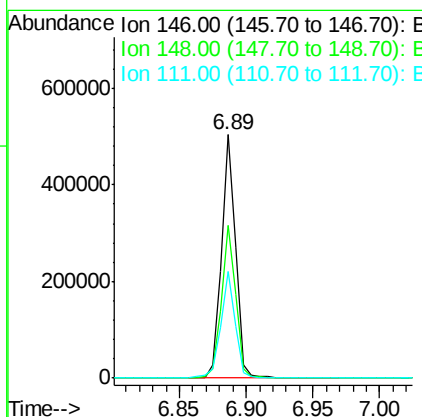
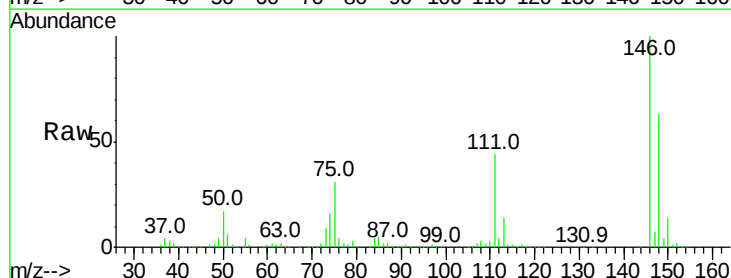
Instrument :
 BNA_F
 ClientSampleId :

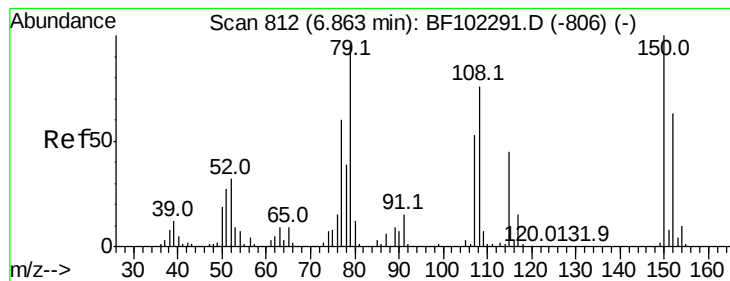
Tot Ion:146 Resp: 394814
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 43.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.670 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion:146 Resp: 377806
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 43.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.986 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampled :

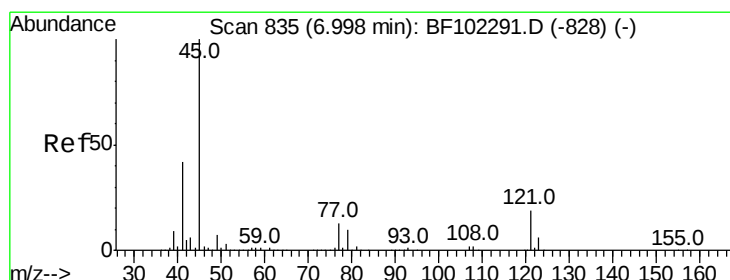
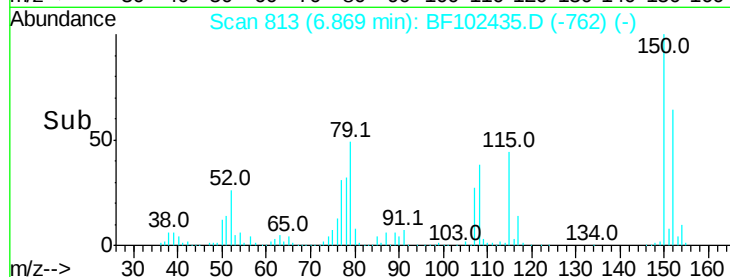
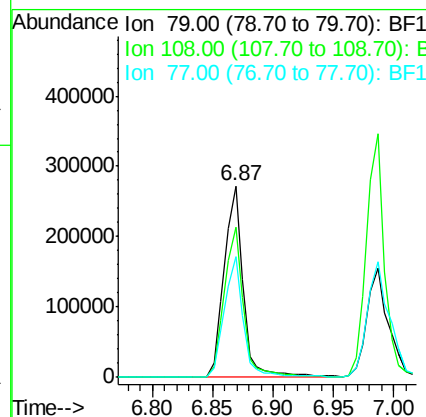
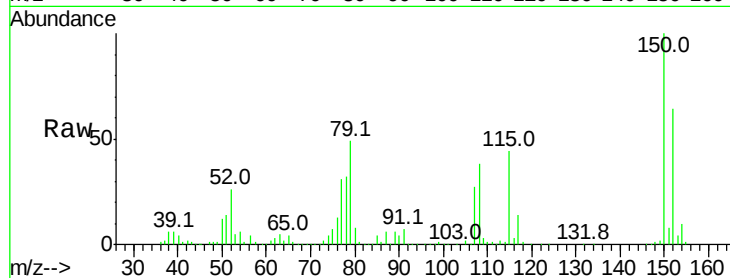
Tot Ion: 79 Resp: 299603

Ion Ratio Lower Upper

79 100

108 78.7 65.1 97.7

77 63.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.591 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

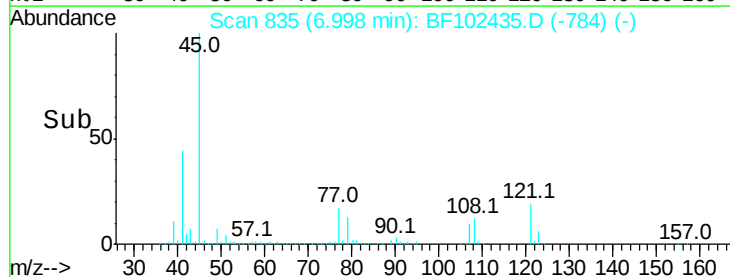
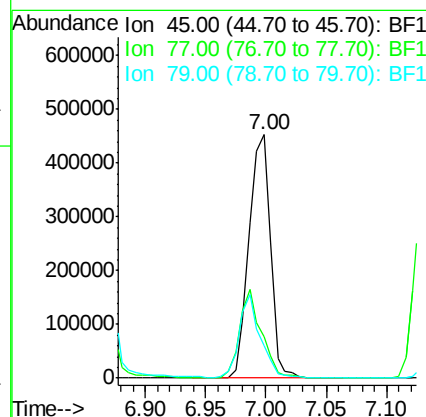
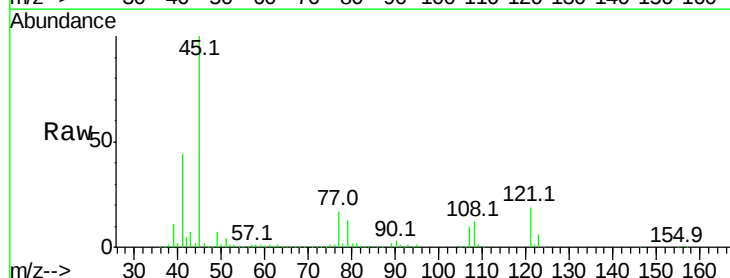
Tgt Ion: 45 Resp: 569622

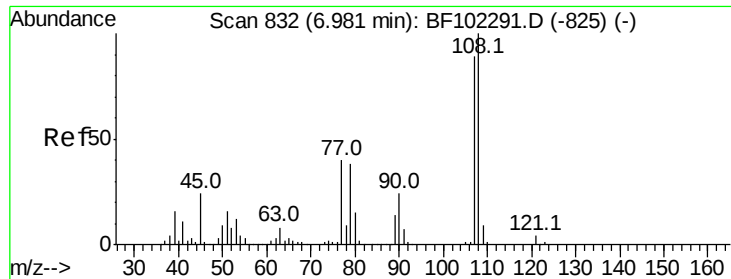
Ion Ratio Lower Upper

45 100

77 17.0 0.0 32.9

79 13.4 0.0 29.6





#17

2-Methylphenol

Concen: 37.191 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 313949

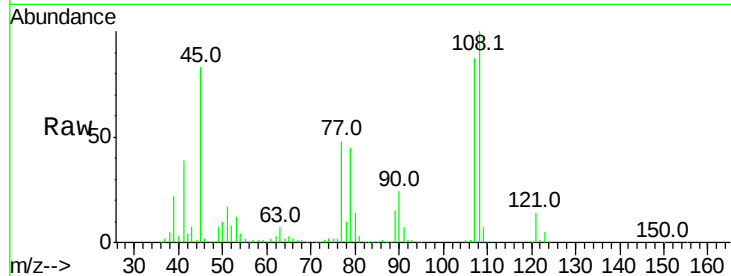
Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

77 54.8 33.8 50.8#

79 51.2 33.8 50.8#

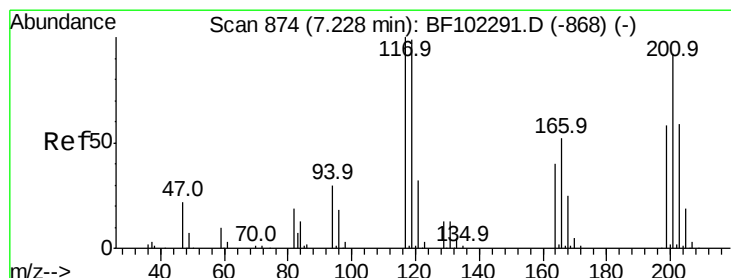
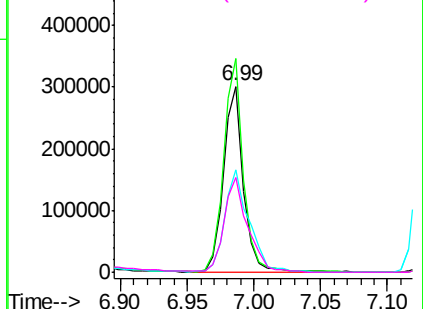
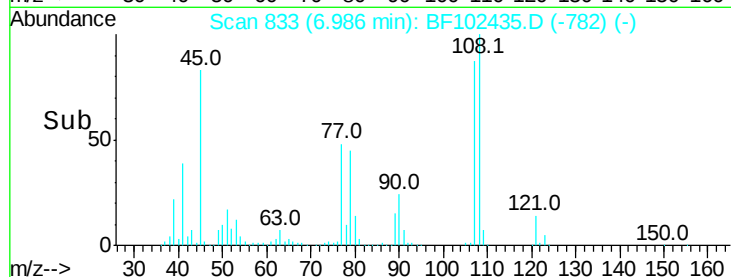


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.376 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

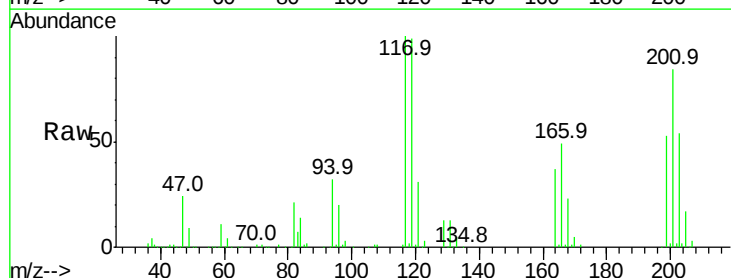
Tgt Ion:117 Resp: 138709

Ion Ratio Lower Upper

117 100

119 99.3 75.8 113.8

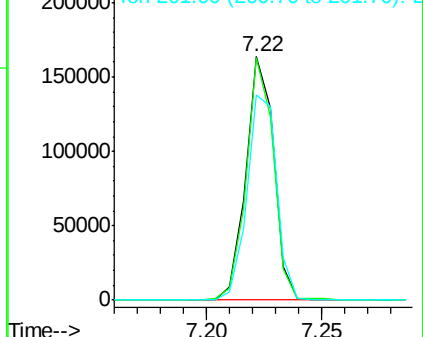
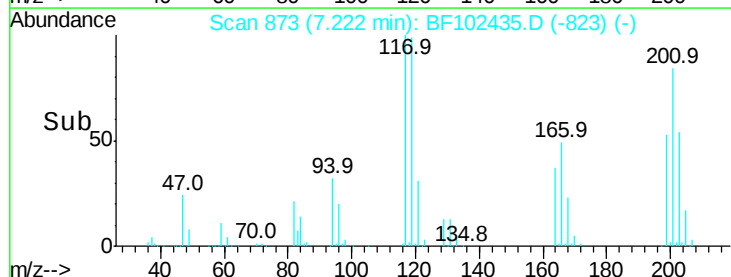
201 84.1 75.7 113.5

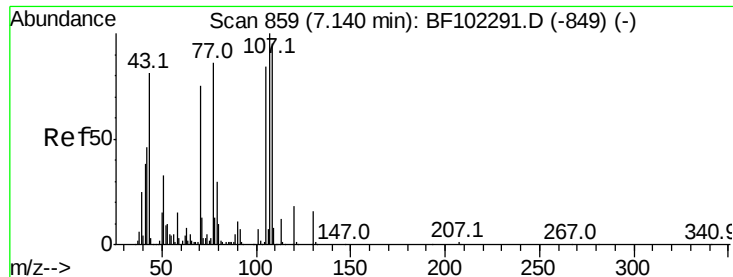


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

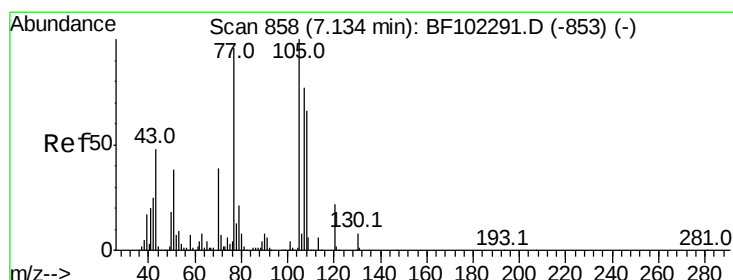
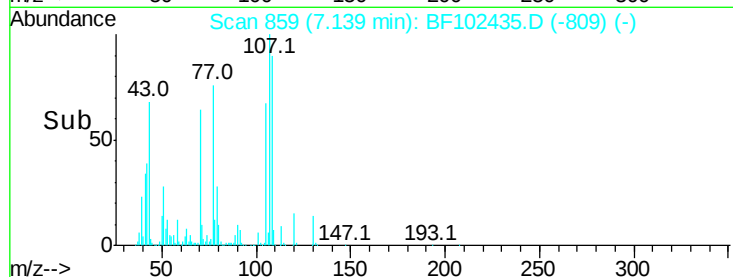
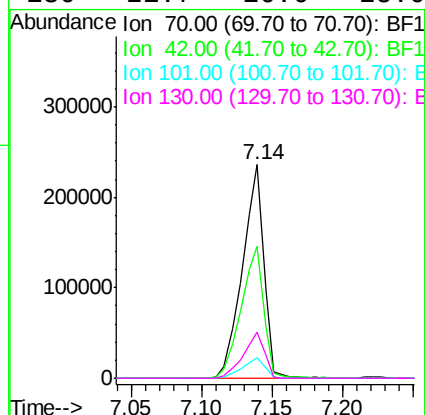
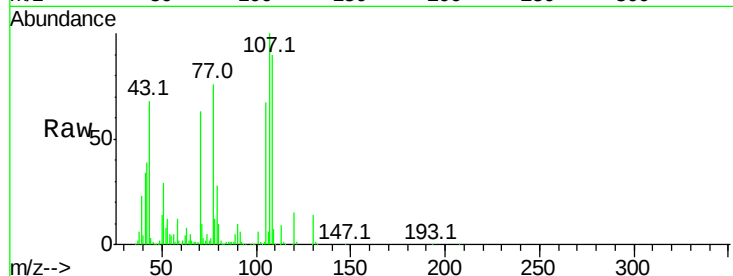




#19
n-Nitroso-di-n-propylamine
Concen: 36.475 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

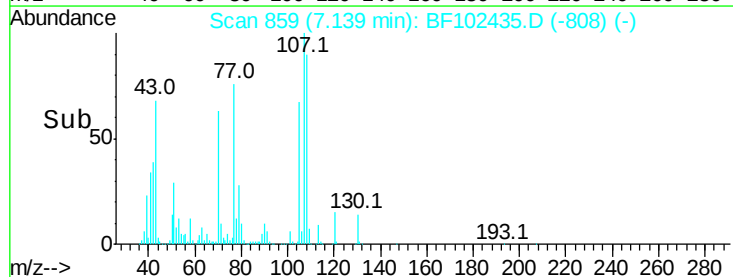
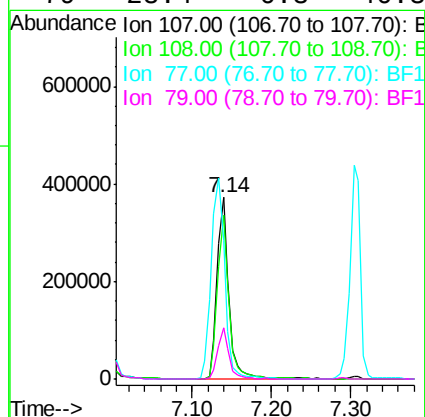
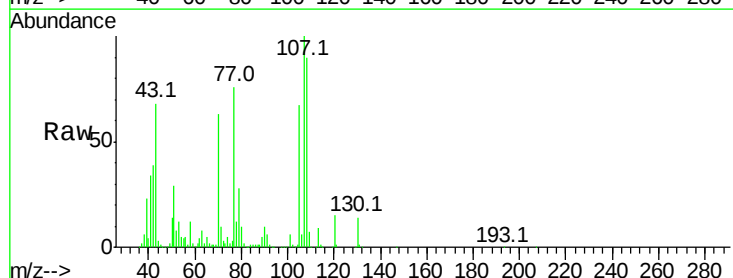
Instrument :
BNA_F
ClientSampleId :

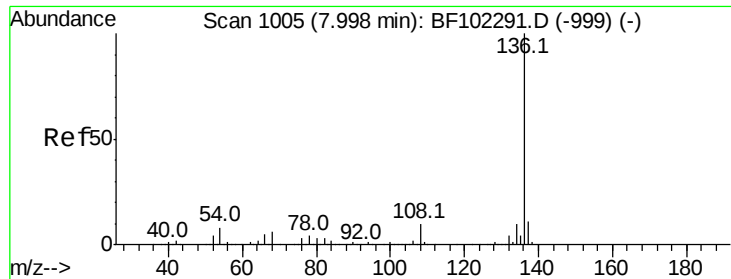
Tot Ion:	70	Resp:	249523
Ion	Ratio	Lower	Upper
70	100		
42	61.8	47.5	71.3
101	9.9	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.636 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:	107	Resp:	383582
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	76.5	26.7	66.7#
79	28.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 582355

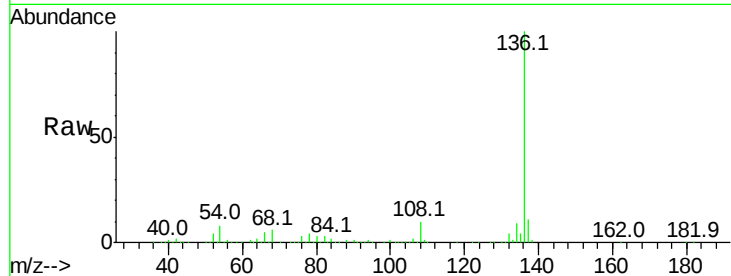
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 5.7 5.0 7.4

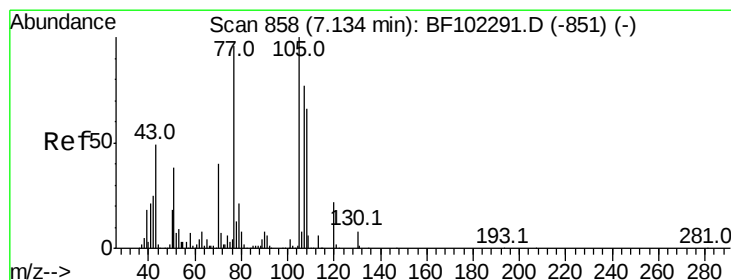
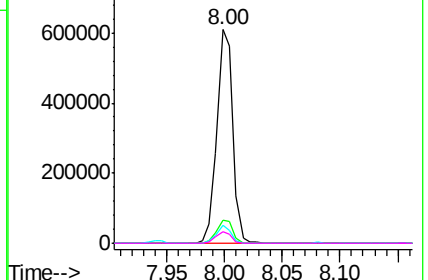
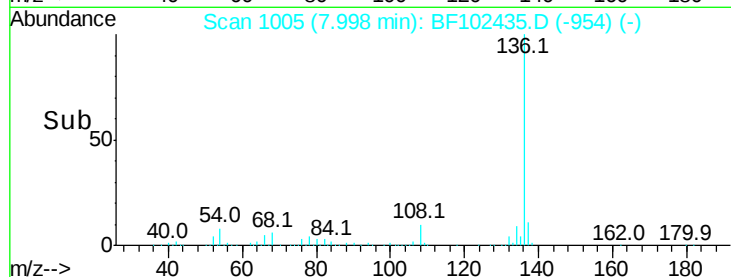


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.020 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:105 Resp: 527806

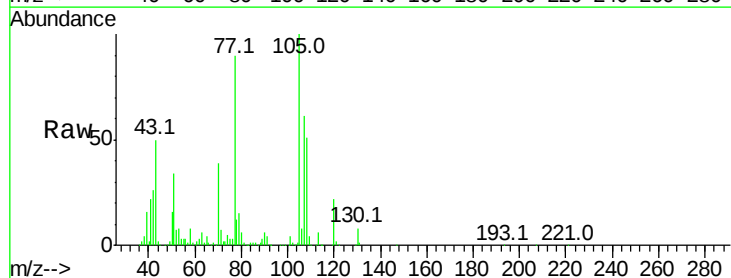
Ion Ratio Lower Upper

105 100

71 6.6 4.4 6.6#

51 33.8 22.3 33.5#

120 21.5 16.9 25.3

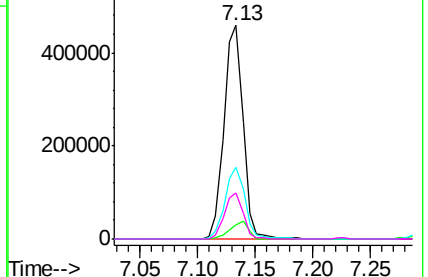
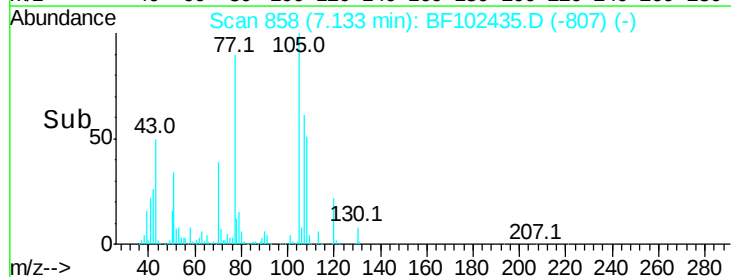


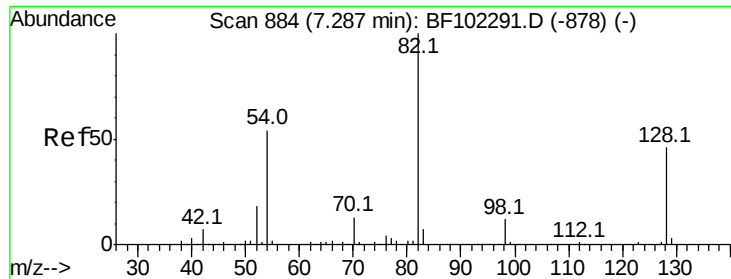
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

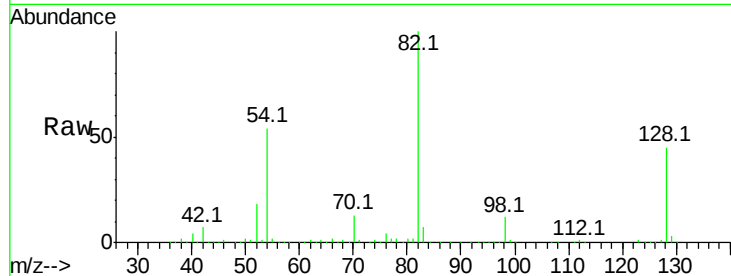




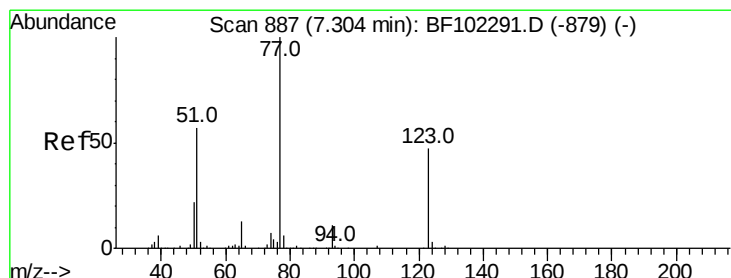
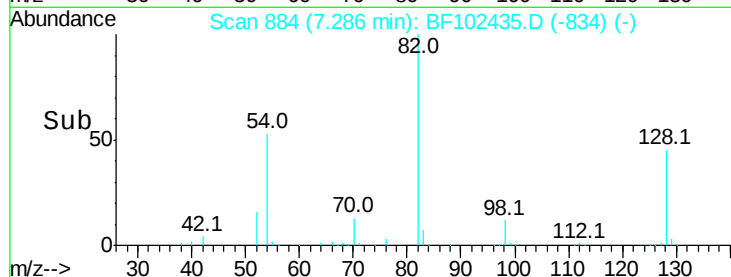
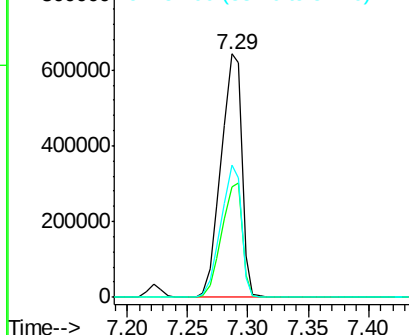
#23
 Nitrobenzene-d5
 Concen: 75.978 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 769940
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 54.1 41.4 62.2

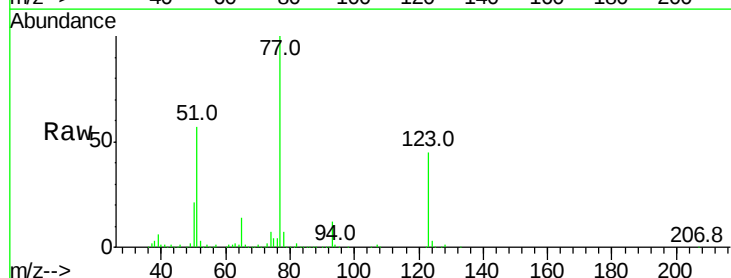


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

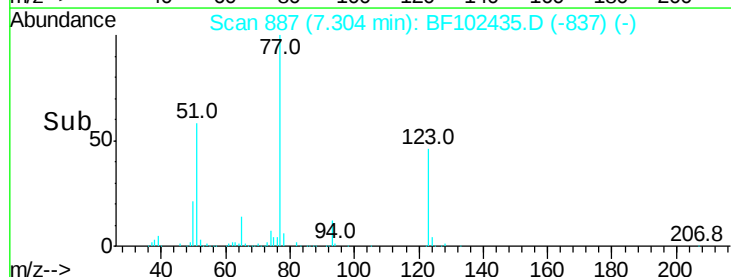
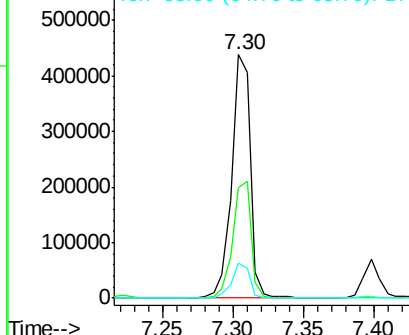


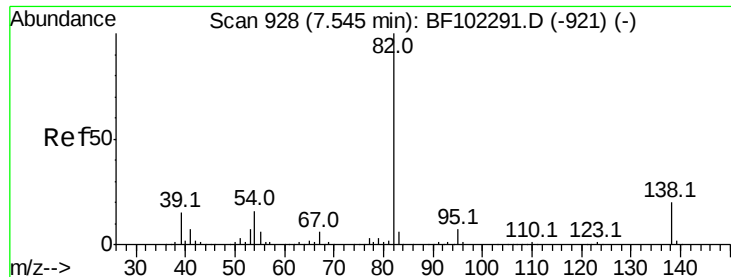
#24
 Nitrobenzene
 Concen: 38.529 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion: 77 Resp: 399572
 Ion Ratio Lower Upper
 77 100
 123 45.4 37.9 56.9
 65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 39.939 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

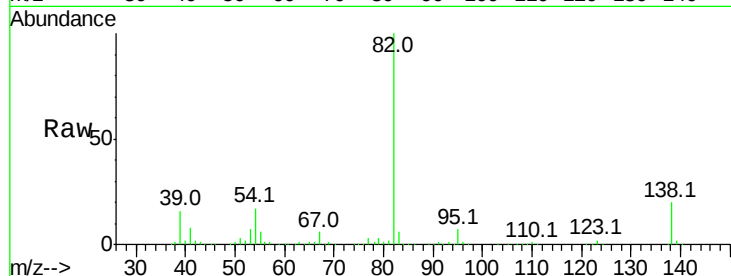
Tot Ion: 82 Resp: 721532

Ion Ratio Lower Upper

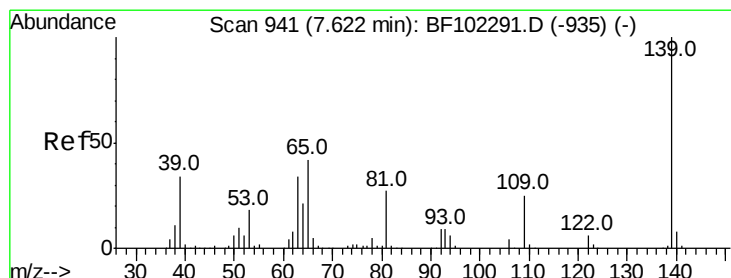
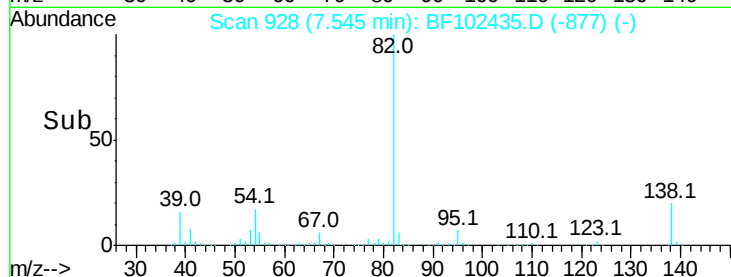
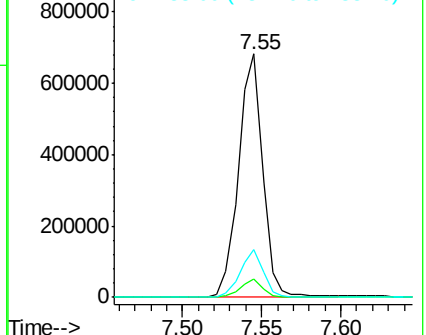
82 100

95 7.3 5.2 7.8

138 19.5 14.9 22.3



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: 38.981 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

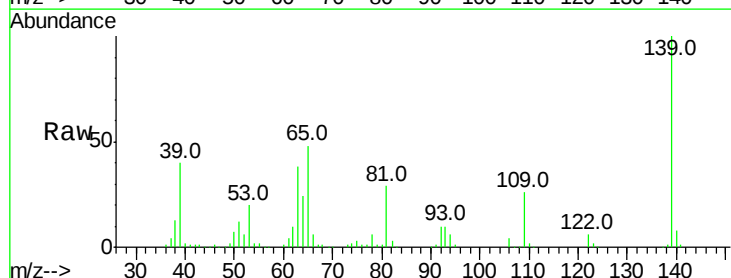
Tgt Ion: 139 Resp: 212766

Ion Ratio Lower Upper

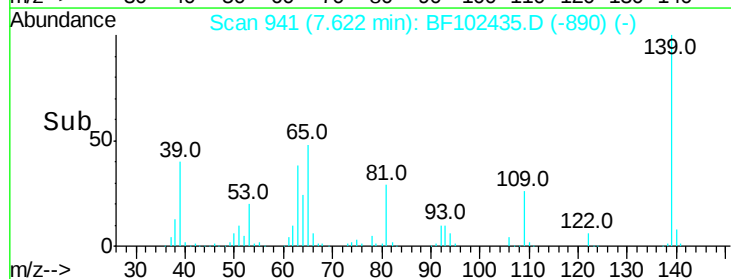
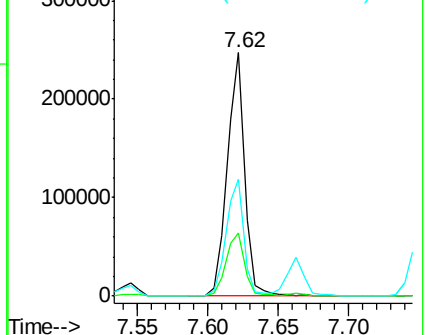
139 100

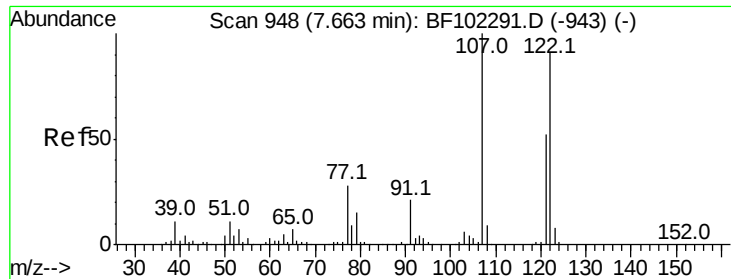
109 26.2 22.7 34.1

65 48.2 40.5 60.7



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: 43.564 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

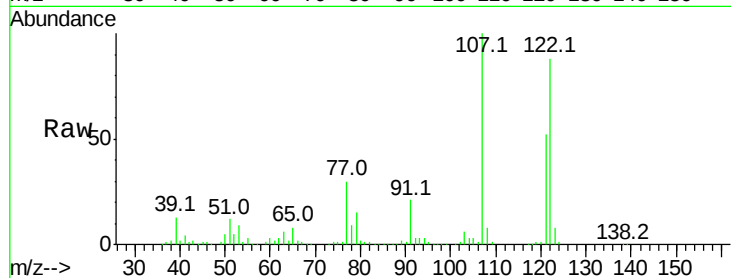
Tot Ion:122 Resp: 345269

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

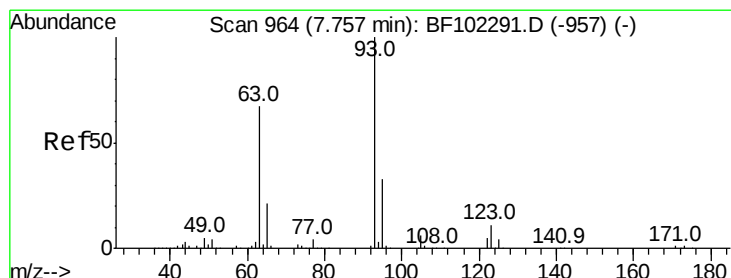
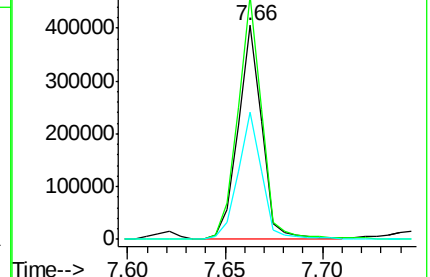
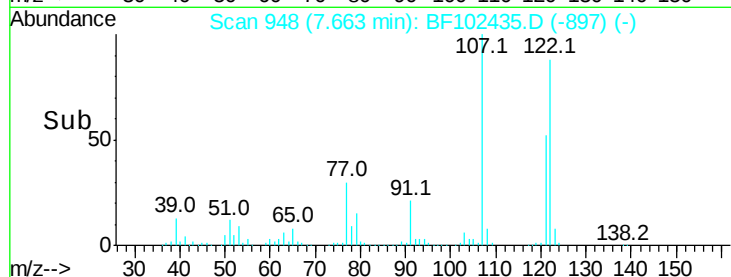
121 59.3 47.2 70.8



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: 41.601 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

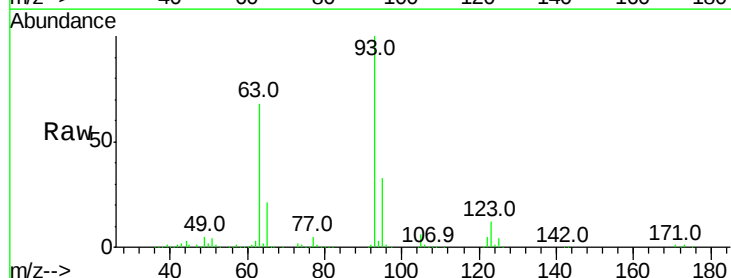
Tgt Ion: 93 Resp: 464271

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

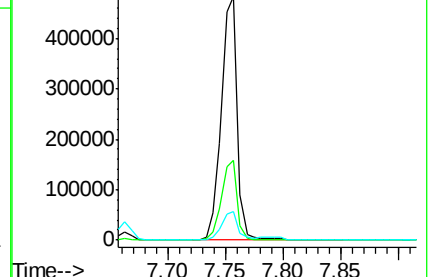
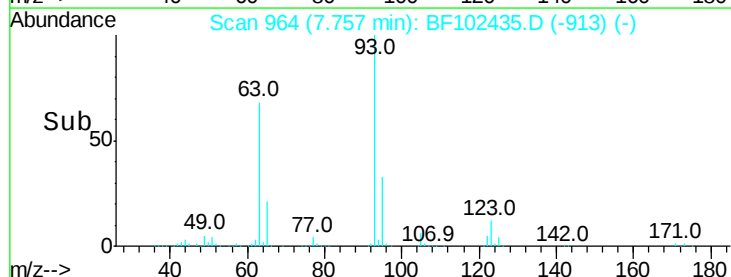
123 11.8 9.8 14.6

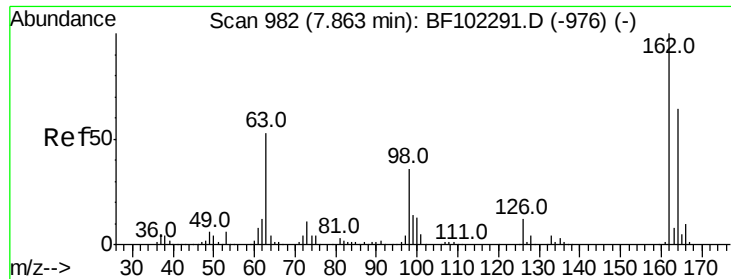


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

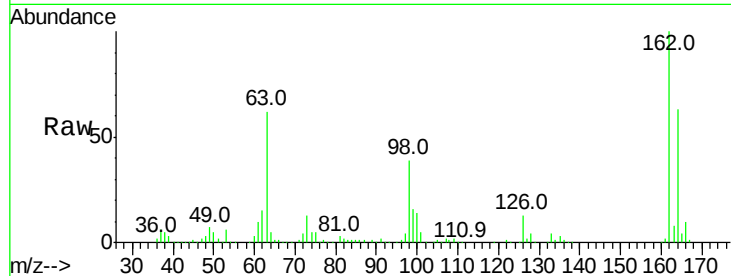




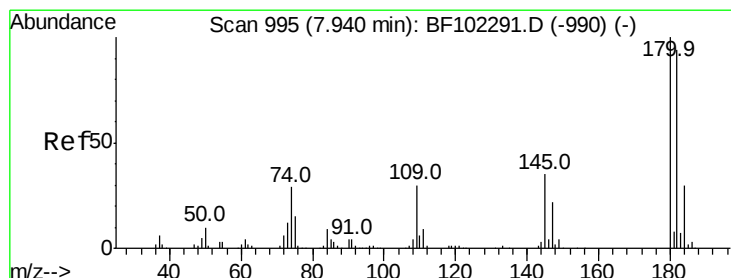
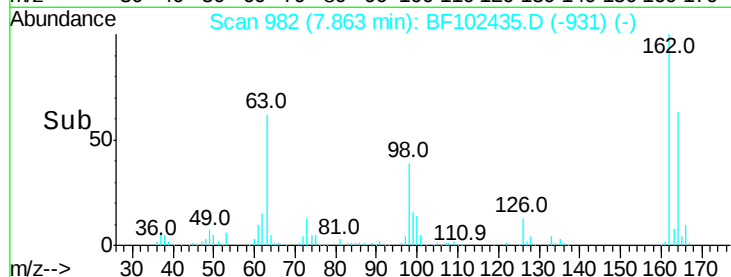
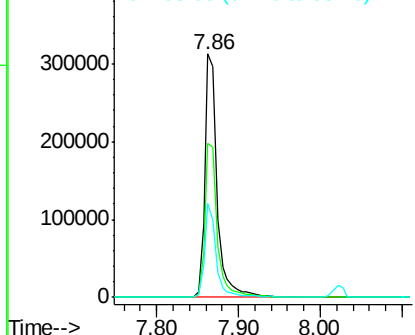
#29
 2,4-Dichlorophenol
 Concen: 40.929 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	38.7	18.1	58.1

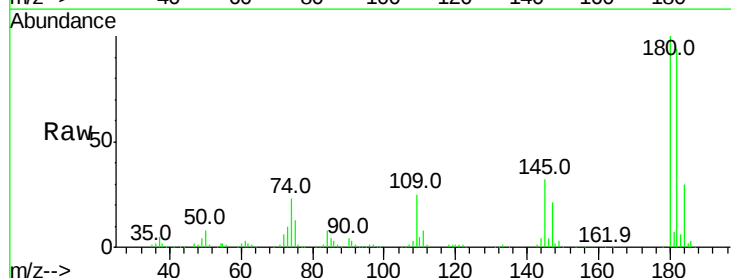


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

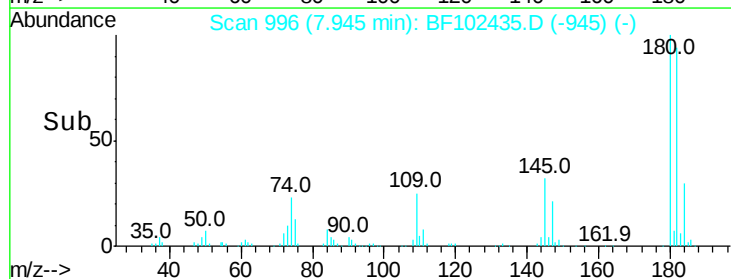
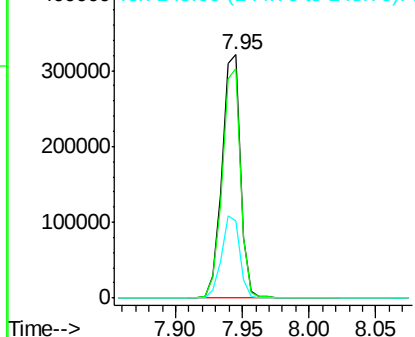


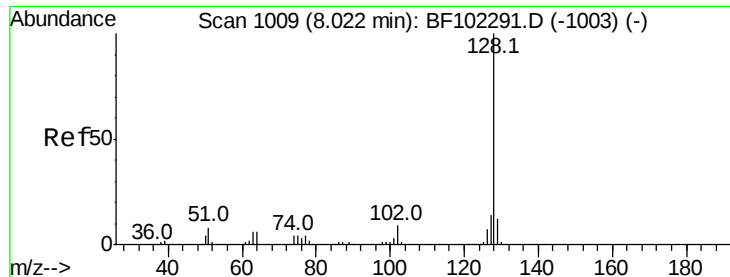
#30
 1,2,4-Trichlorobenzene
 Concen: 36.493 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	32.0	26.5	39.7



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

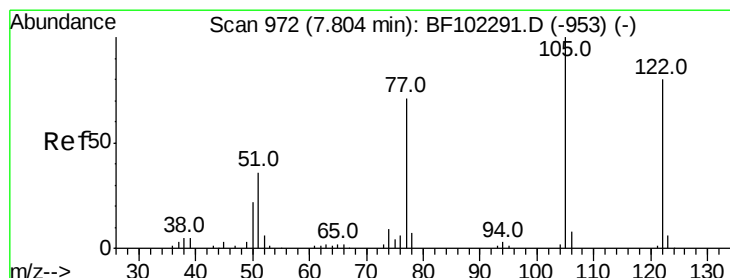
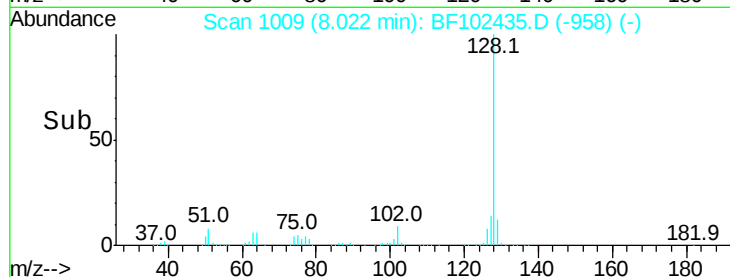
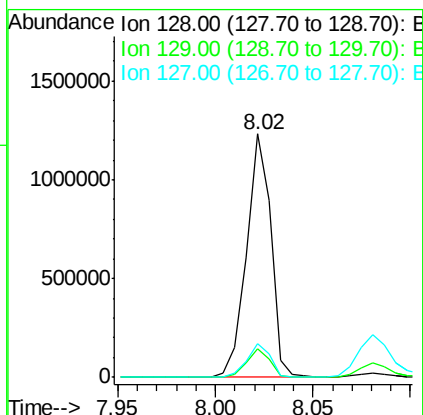
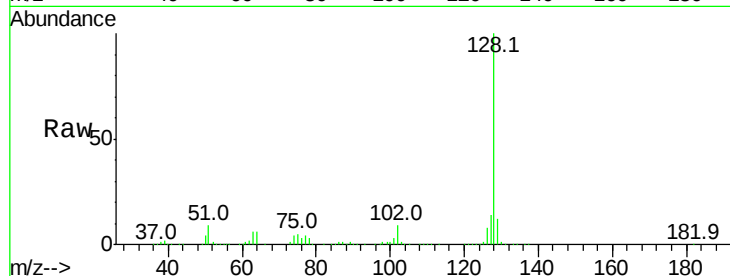




#31
Naphthalene
Concen: 36.742 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

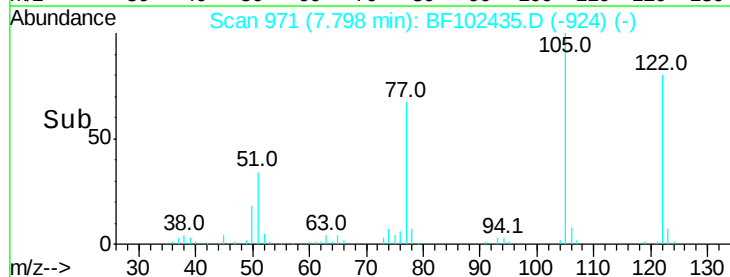
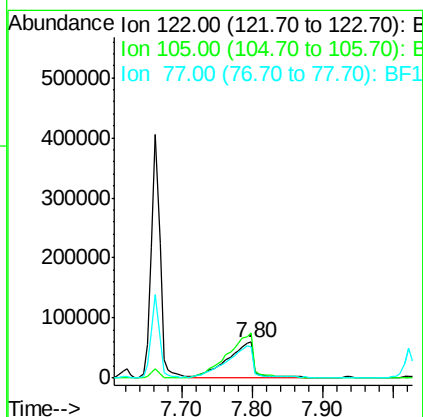
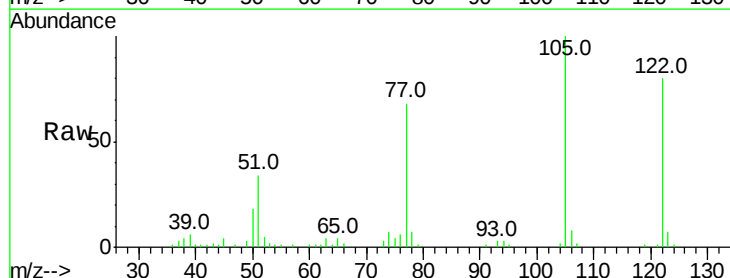
Instrument :
BNA_F
ClientSampleId :

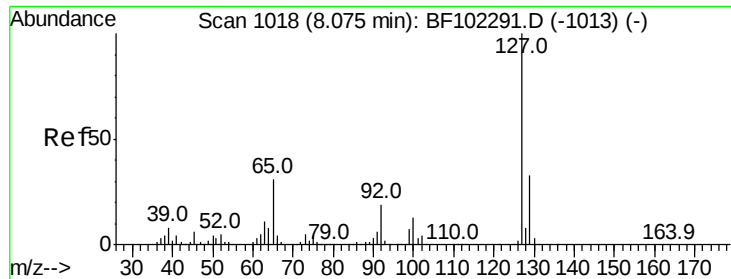
Tot Ion:128 Resp: 1068306
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 24.208 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:122 Resp: 160745
Ion Ratio Lower Upper
122 100
105 124.5 101.1 141.1
77 84.9 70.7 110.7

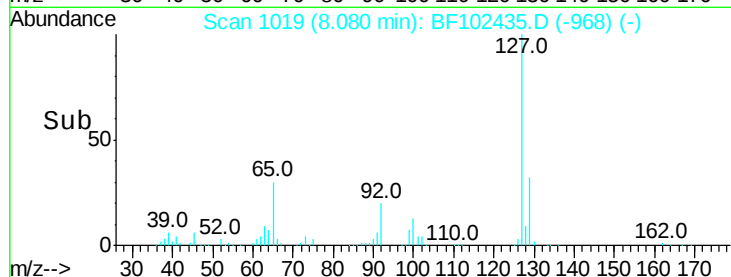
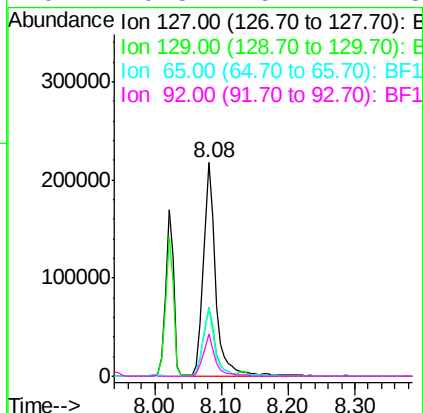
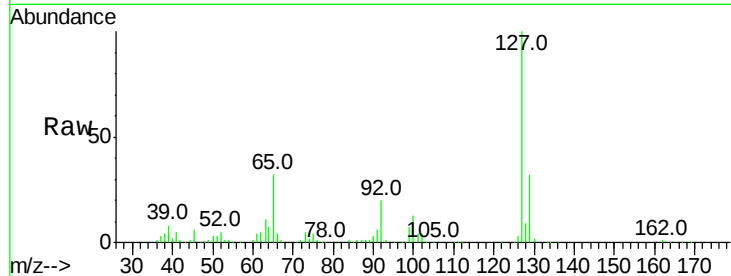




#33
4-Chloroaniline
Concen: 22.524 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

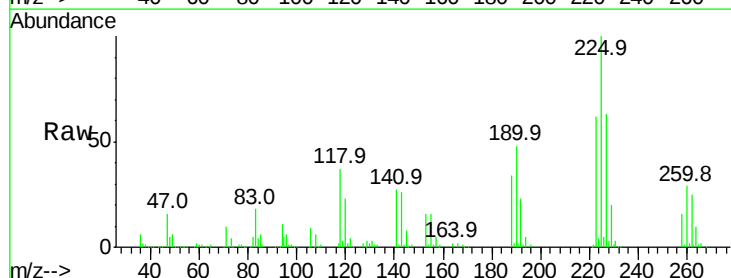
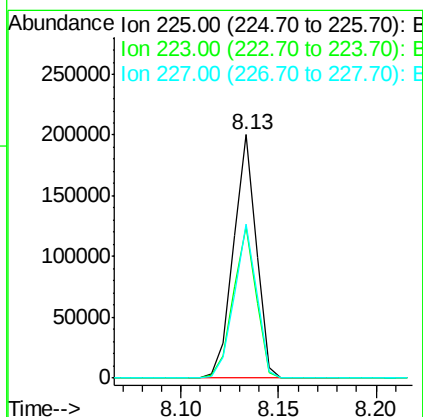
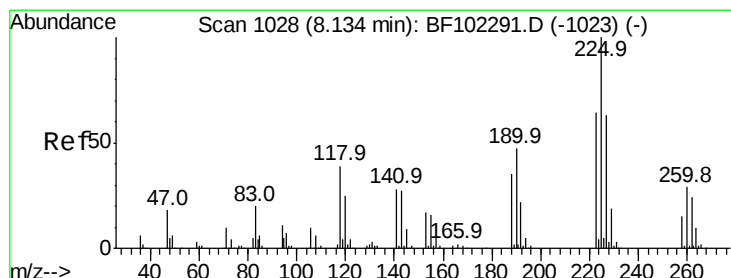
Instrument :
BNA_F
ClientSampleId :

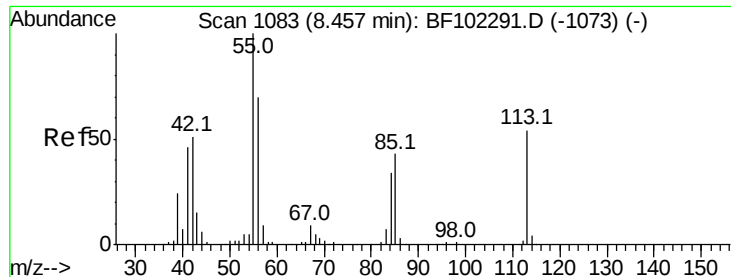
Tot Ion:	127	Resp:	275403
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	31.6	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.205 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:	225	Resp:	162721
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.3	51.9	77.9

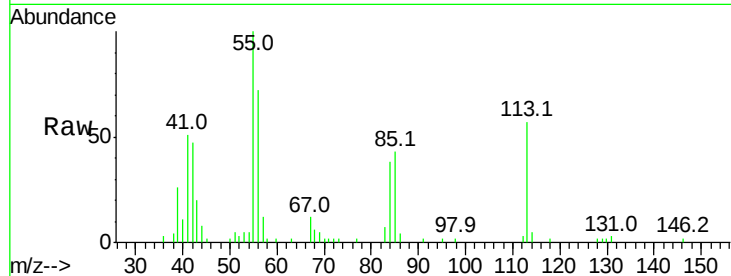




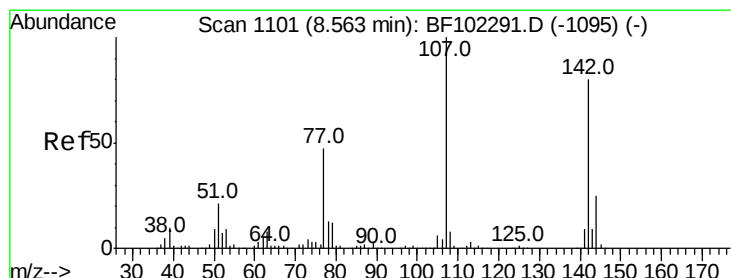
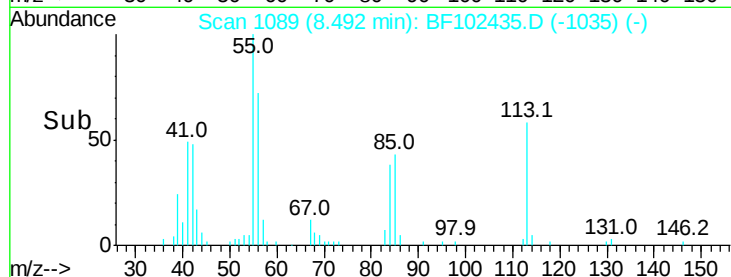
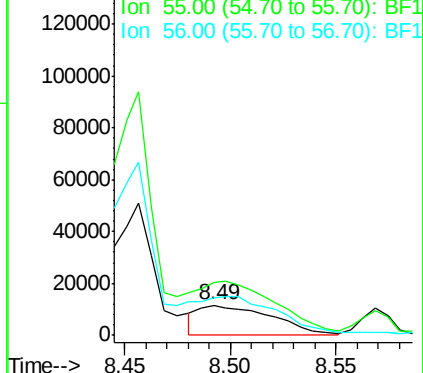
#35
 Caprolactam
 Concen: 10.580 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.02 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 28210
 Ion Ratio Lower Upper
 113 100
 55 175.5 163.3 203.3
 56 127.0 115.7 155.7

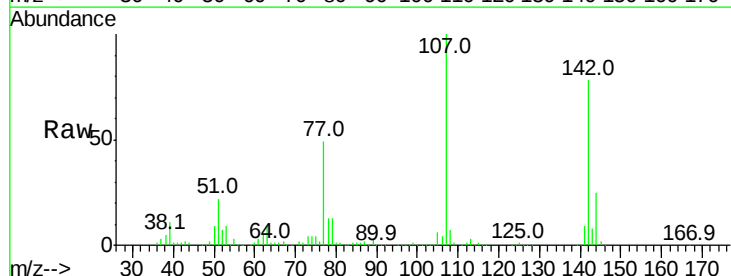


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

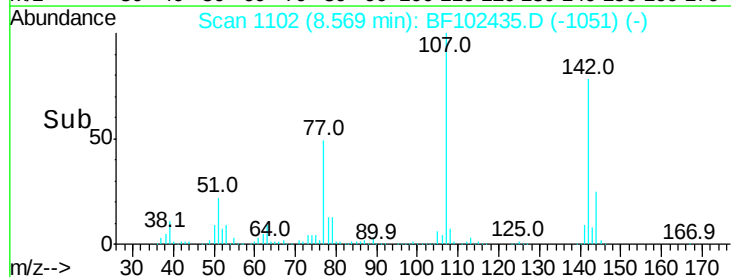
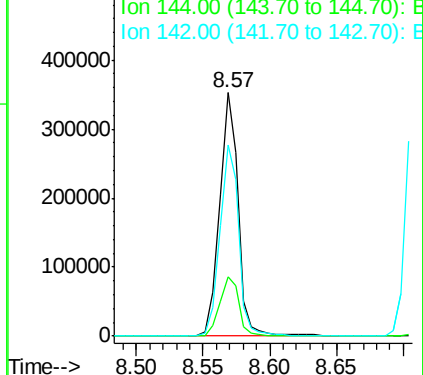


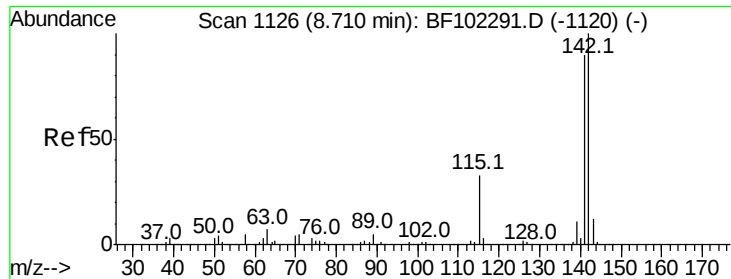
#36
 4-Chloro-3-methylphenol
 Concen: 40.901 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion:107 Resp: 348055
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 78.3 62.0 93.0



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

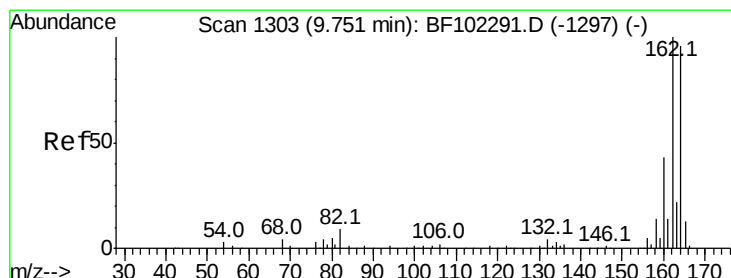
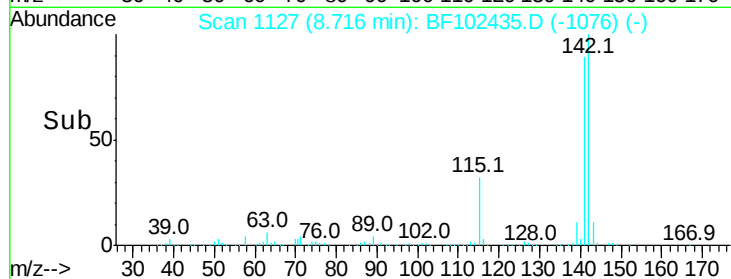
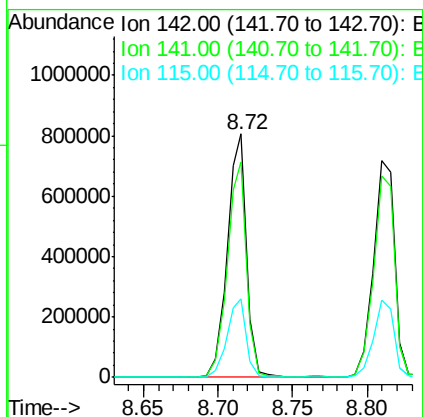
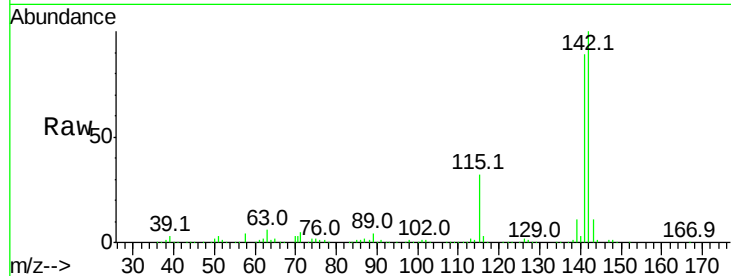




#37
2-Methylnaphthalene
Concen: 38.037 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

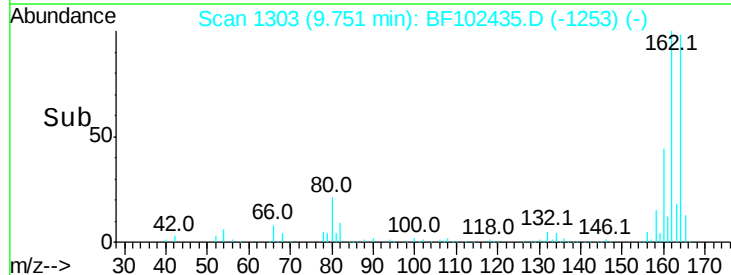
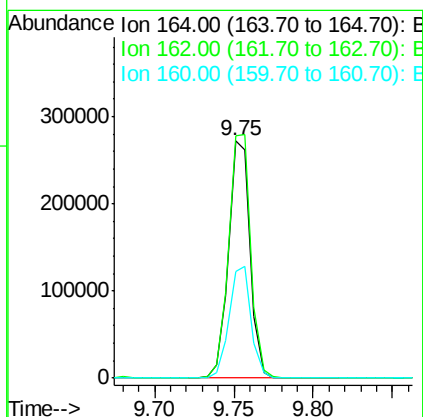
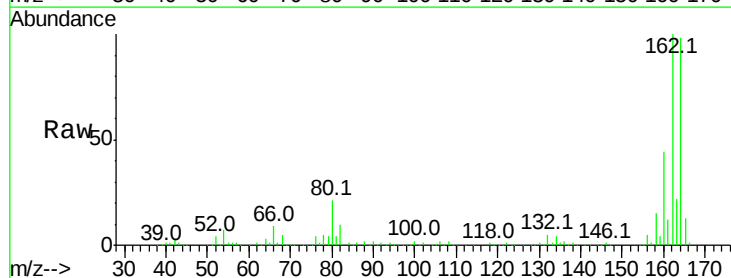
Instrument :
BNA_F
ClientSampleId :

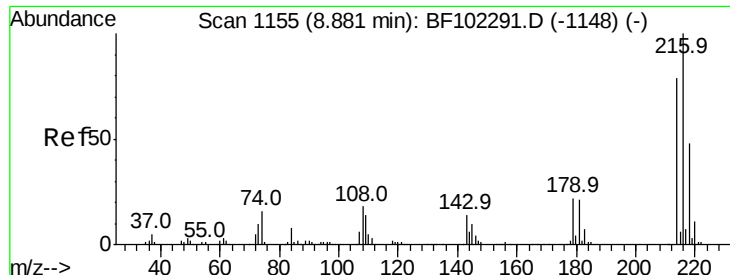
Tot Ion:142 Resp: 736544
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 32.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:164 Resp: 255995
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 44.8 38.3 57.5

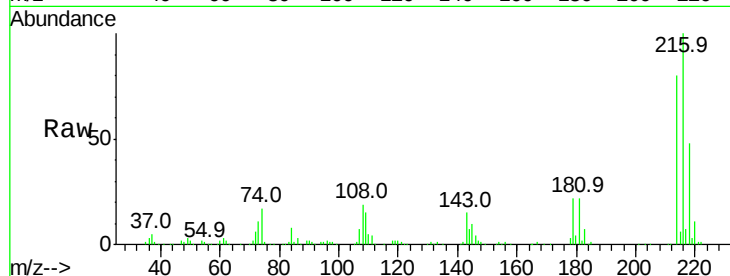




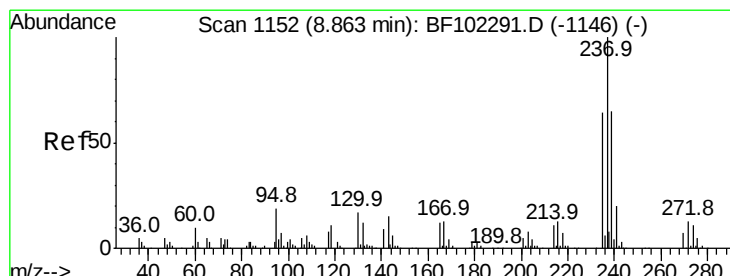
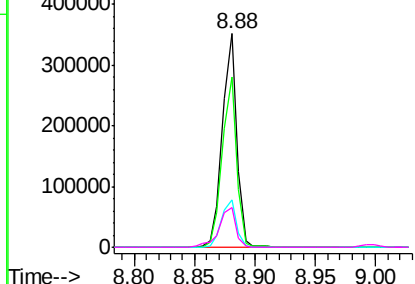
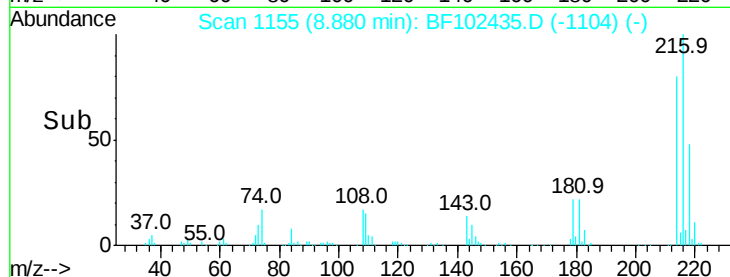
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.650 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	289977
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.8	18.1	27.1
108	21.7	17.2	25.8

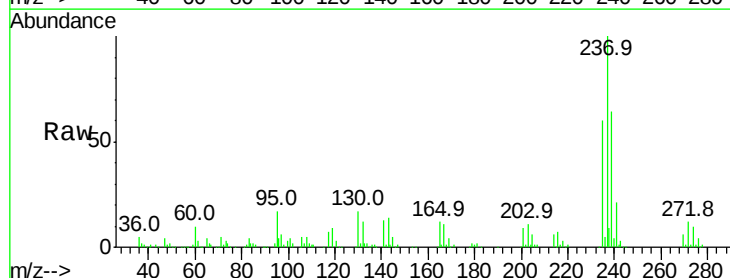


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

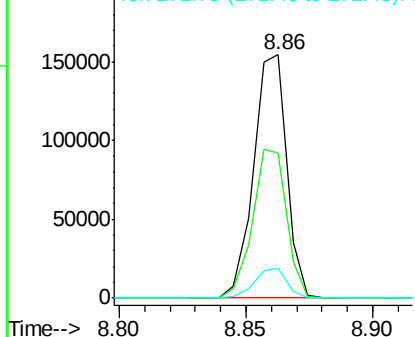
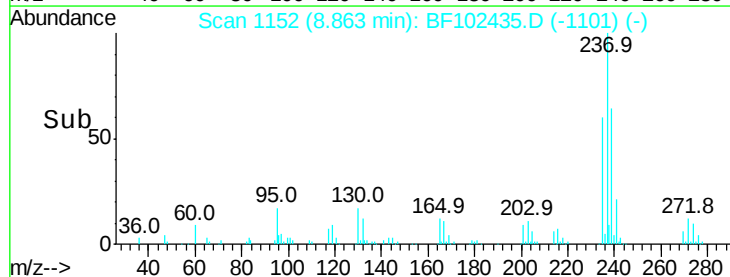


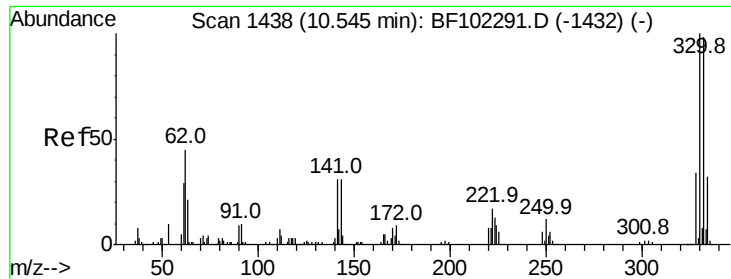
#40
 Hexachlorocyclopentadiene
 Concen: 40.964 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion:	237	Resp:	141194
Ion	Ratio	Lower	Upper
237	100		
235	59.6	44.8	84.8
272	12.2	0.0	33.3



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

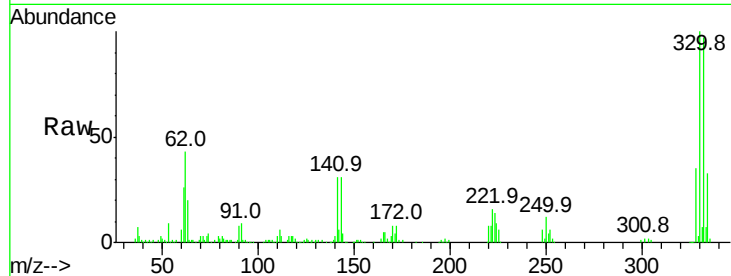




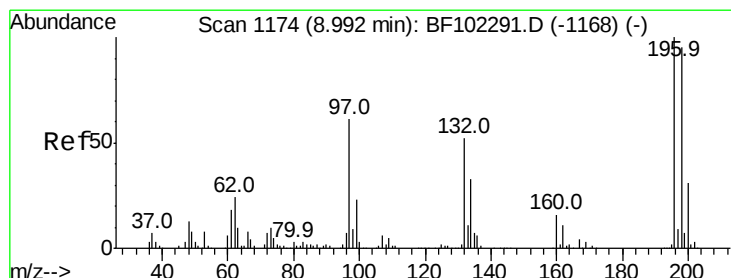
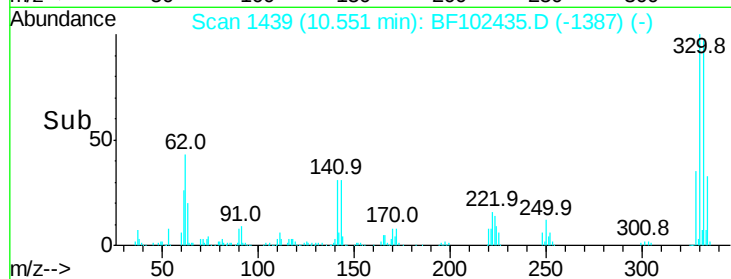
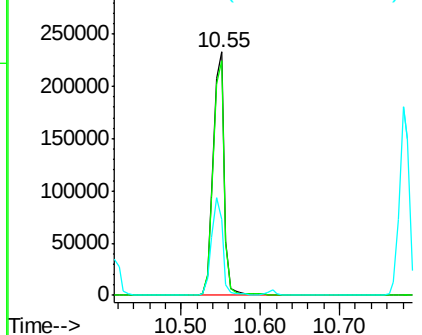
#41
 2,4,6-Tribromophenol
 Concen: 88.793 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	40.6	29.9	44.9

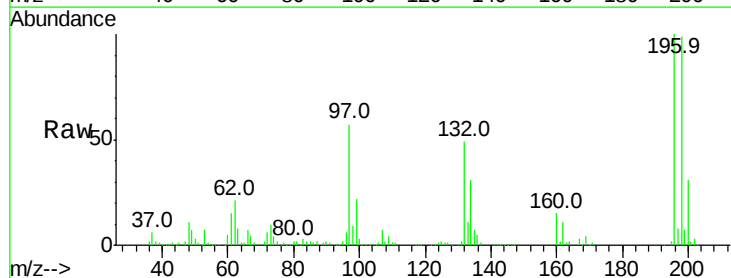


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

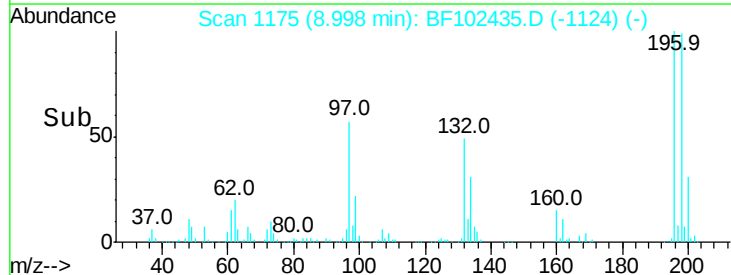
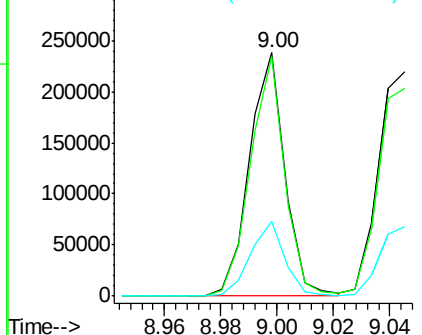


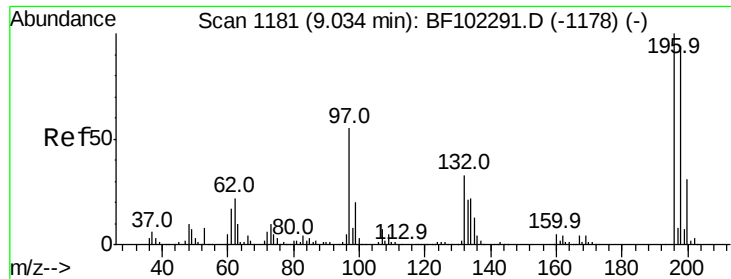
#42
 2,4,6-Trichlorophenol
 Concen: 40.192 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.7	113.5
200	30.9	24.5	36.7



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

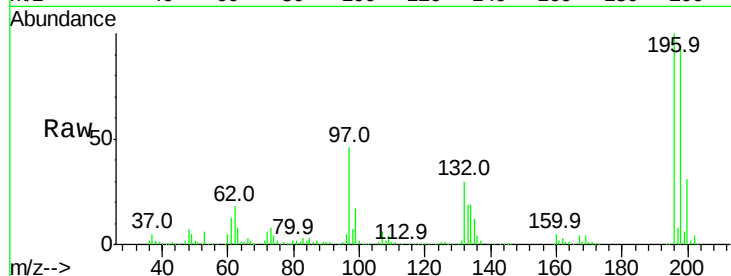




#43
 2,4,5-Trichlorophenol
 Concen: 37.711 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.6	112.0
97	45.8	42.9	64.3
132	30.0	26.3	39.5



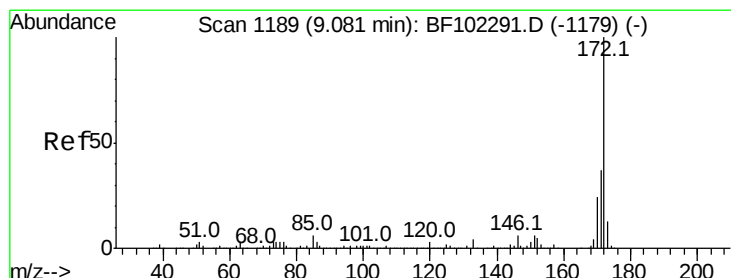
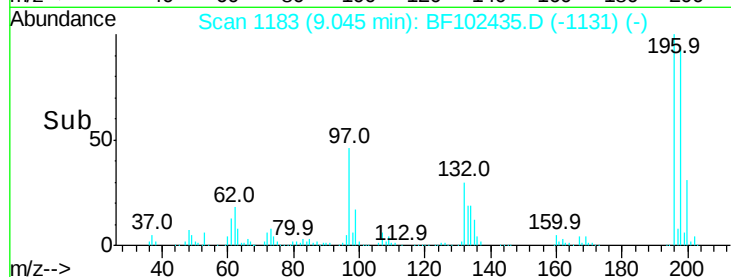
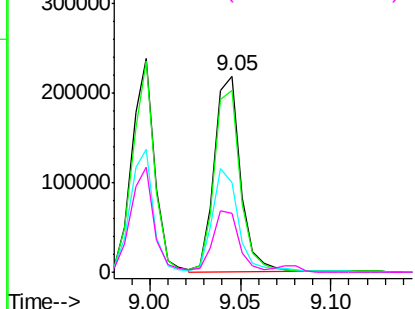
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

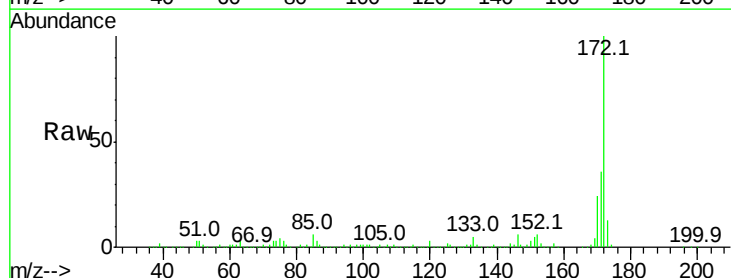
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.101 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

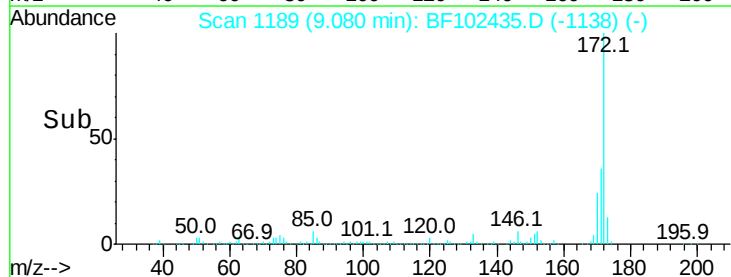
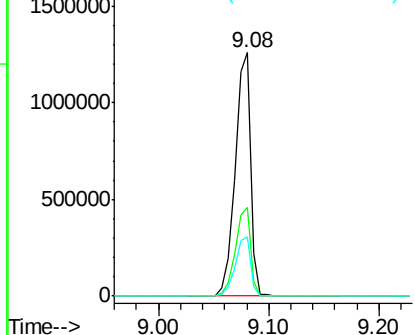


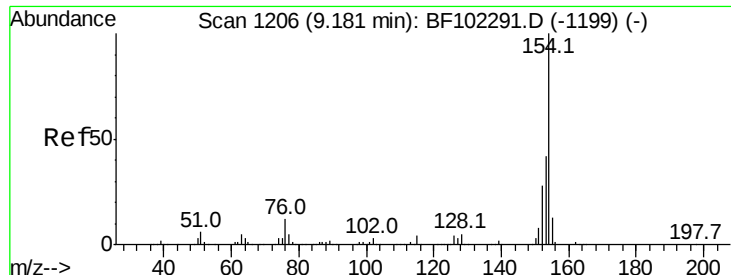
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

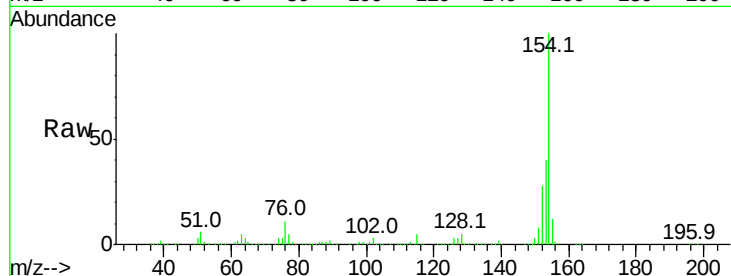




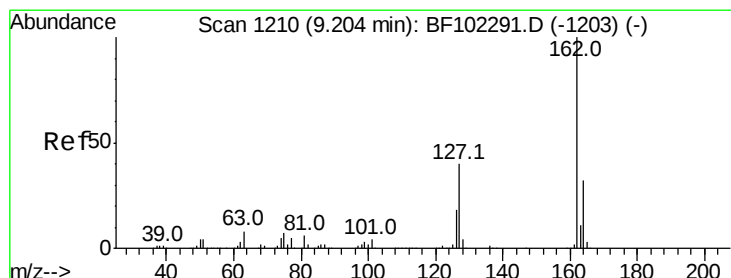
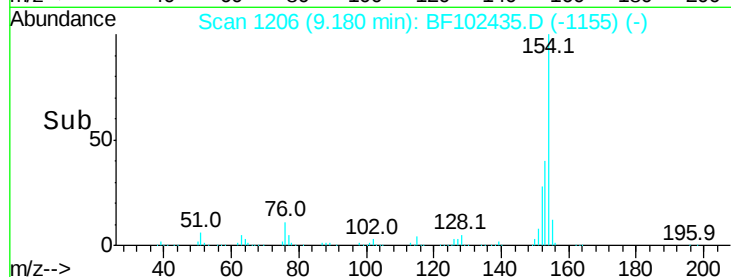
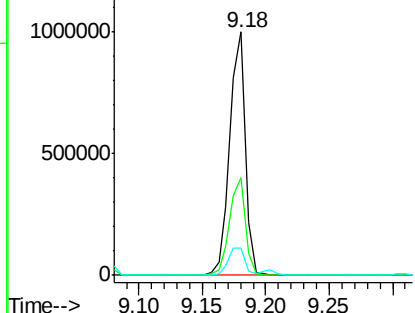
#45
 1,1'-Biphenyl
 Concen: 37.185 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	11.3	0.0	34.0

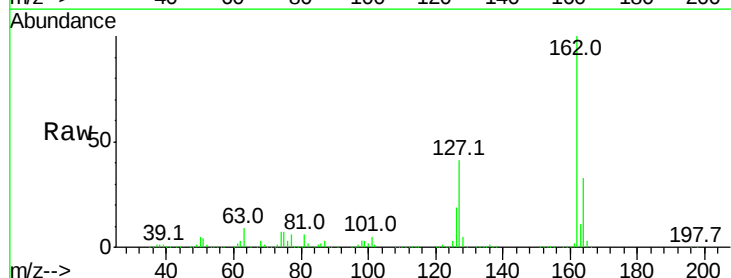


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

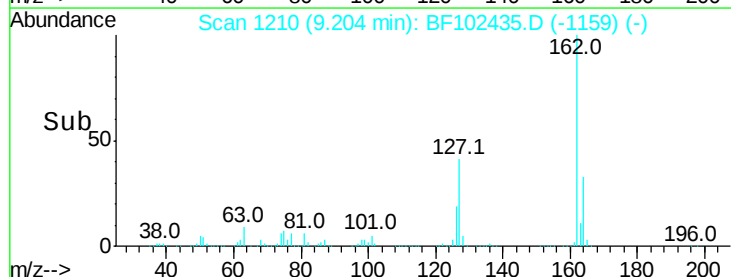
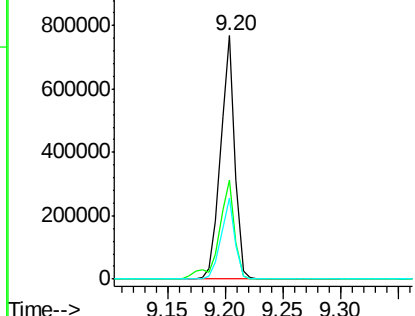


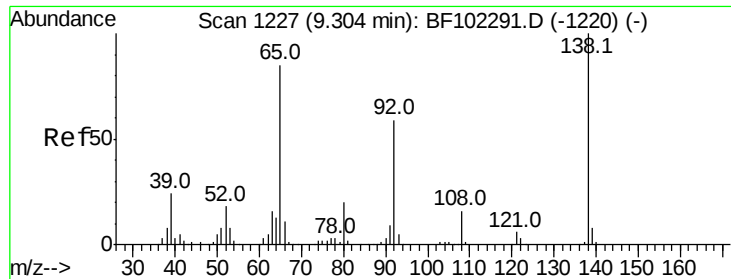
#46
 2-Chloronaphthalene
 Concen: 36.923 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.0	26.5	39.7



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

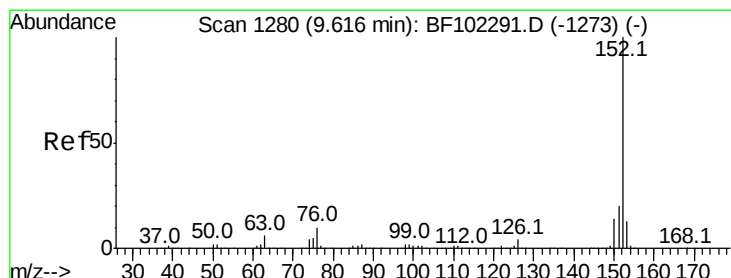
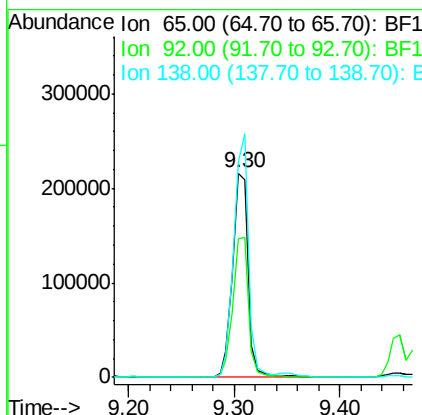
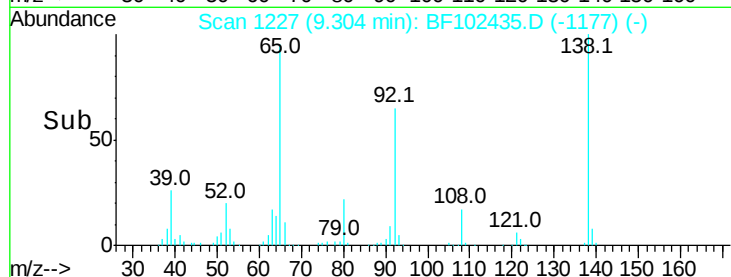
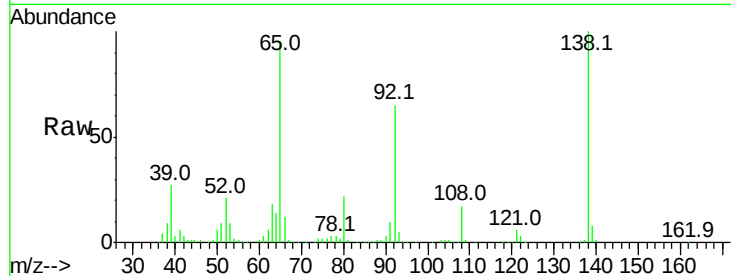




#47
 2-Nitroaniline
 Concen: 39.680 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

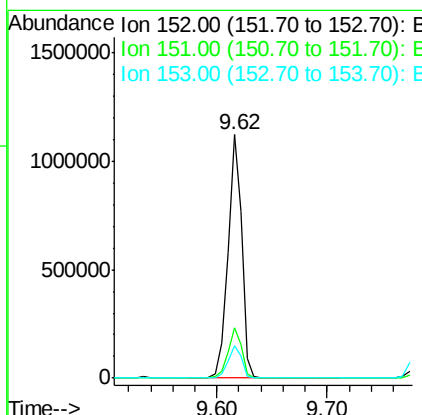
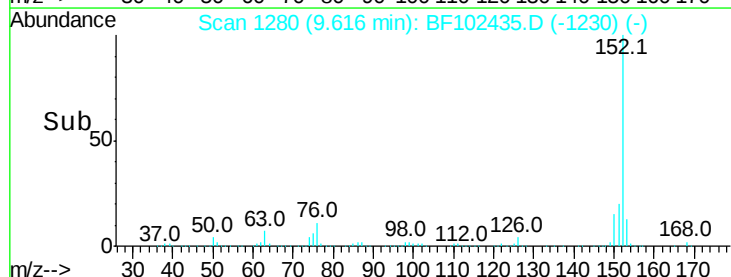
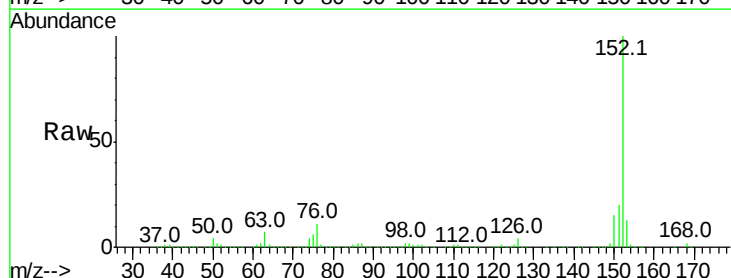
Instrument :
 BNA_F
 ClientSampleId :

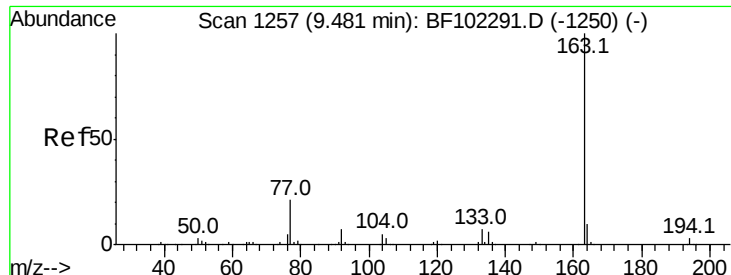
Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	55.8	83.6
138	105.4	91.2	136.8



#48
 Acenaphthylene
 Concen: 35.276 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.5	10.7	16.1

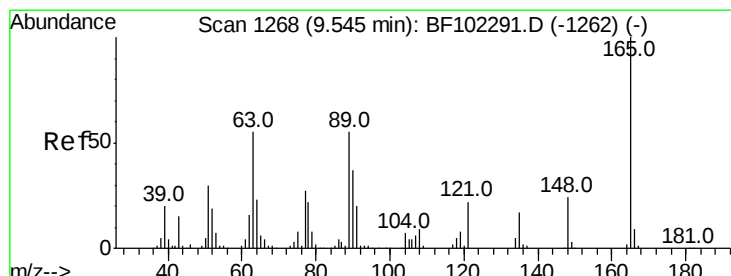
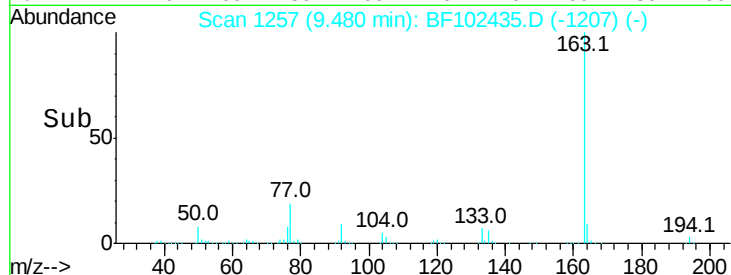
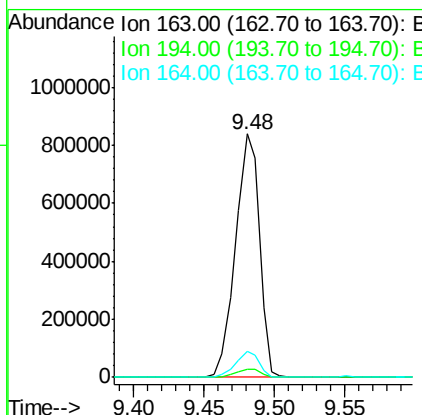
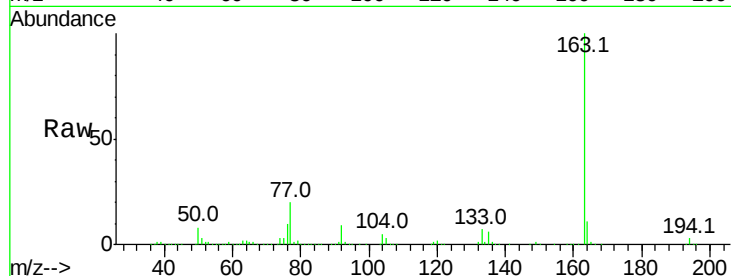




#49
Dimethylphthalate
Concen: 46.804 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

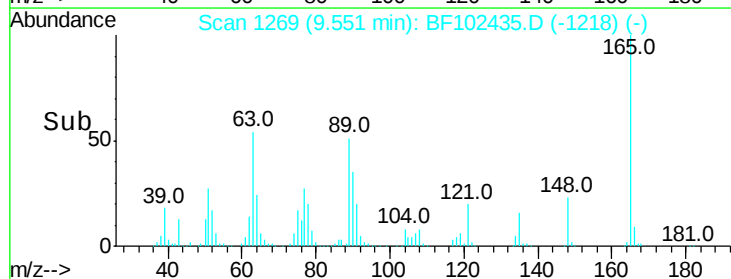
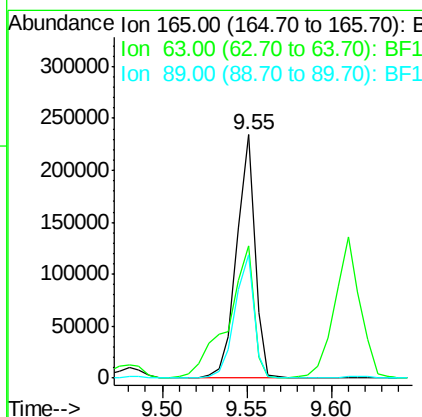
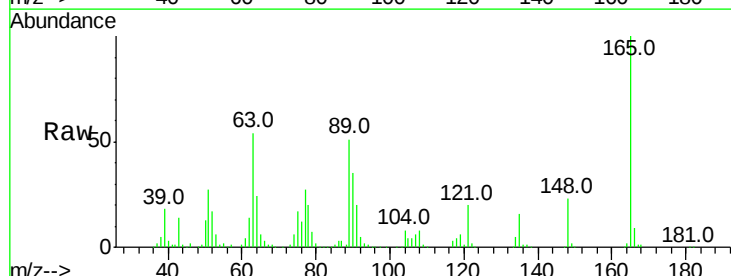
Instrument :
BNA_F
ClientSampleId :

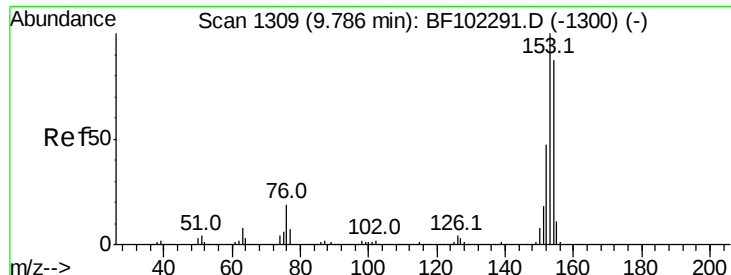
Tot Ion:163 Resp: 990354
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 38.775 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:165 Resp: 176892
Ion Ratio Lower Upper
165 100
63 54.2 44.7 67.1
89 50.6 44.0 66.0





#51

Acenaphthene

Concen: 35.708 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

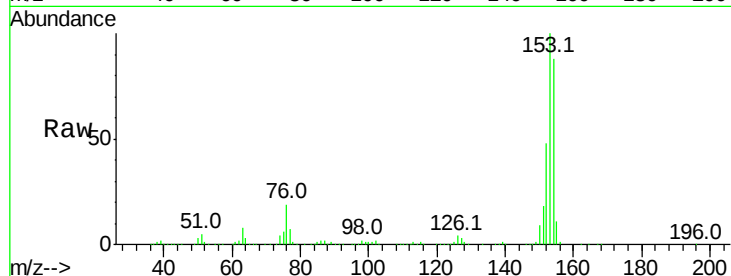
Tot Ion:154 Resp: 578061

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

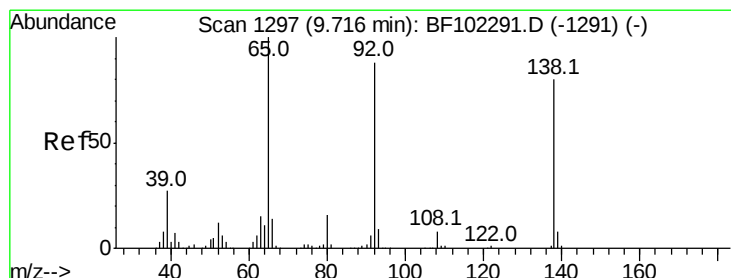
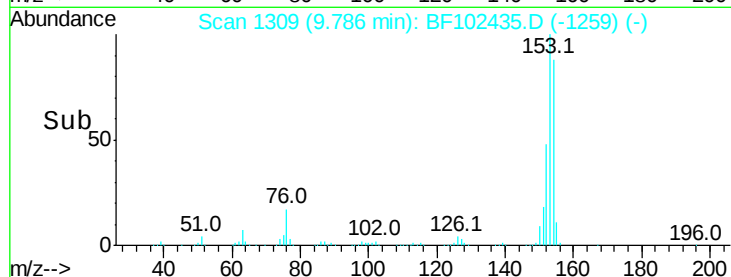
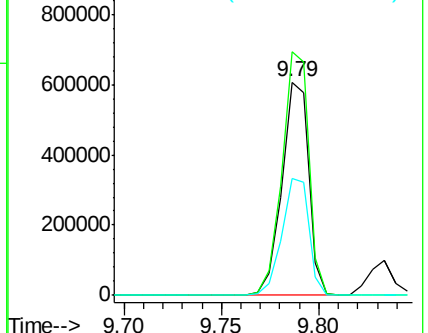
152 54.9 43.8 65.8



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



#52

3-Nitroaniline

Concen: 25.795 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

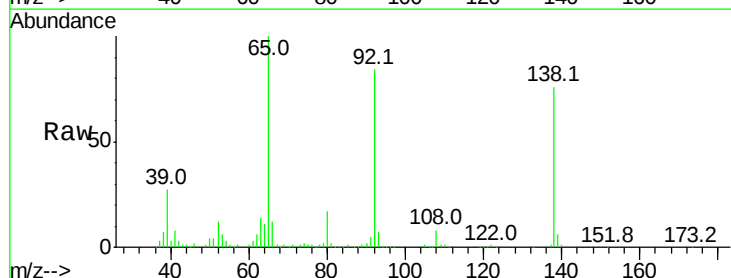
Tgt Ion:138 Resp: 139212

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

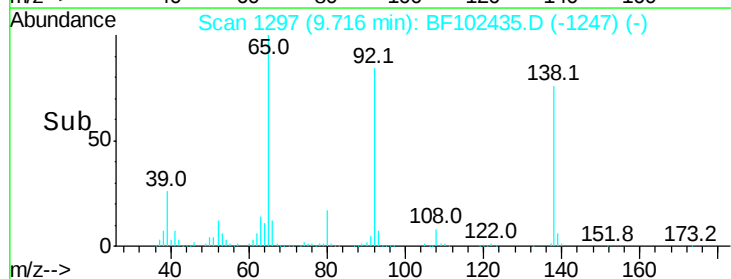
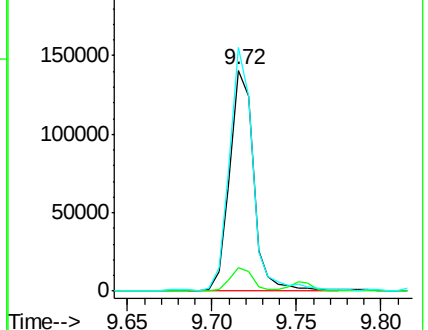
92 110.1 89.4 134.2

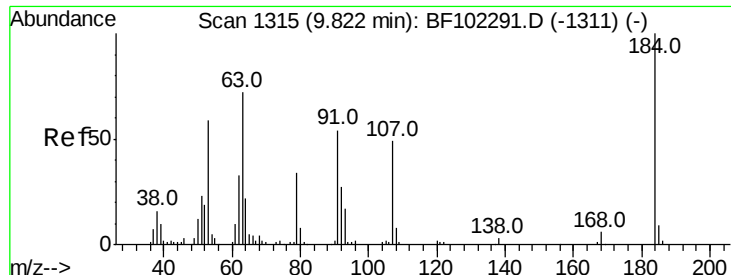


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

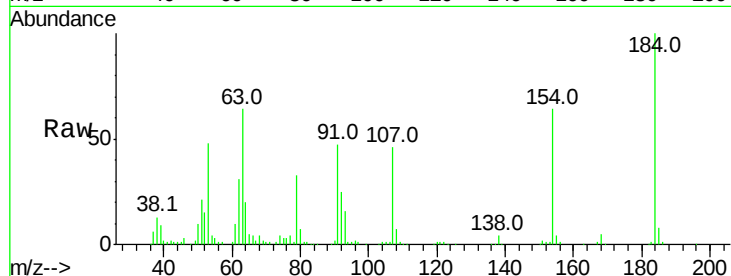




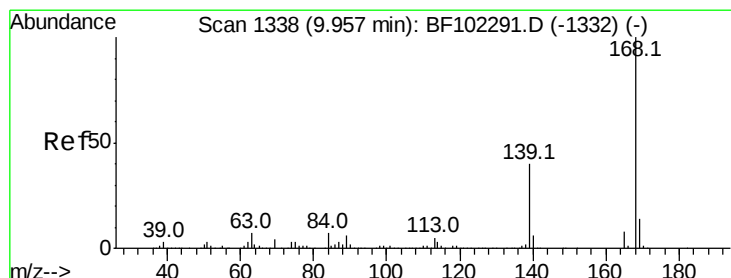
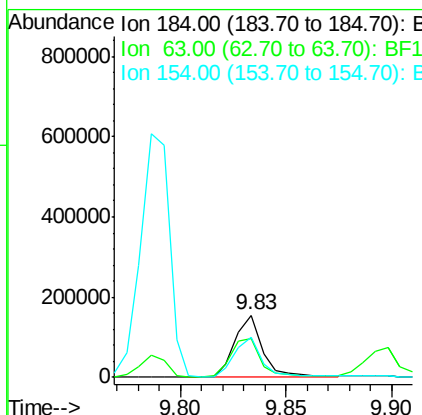
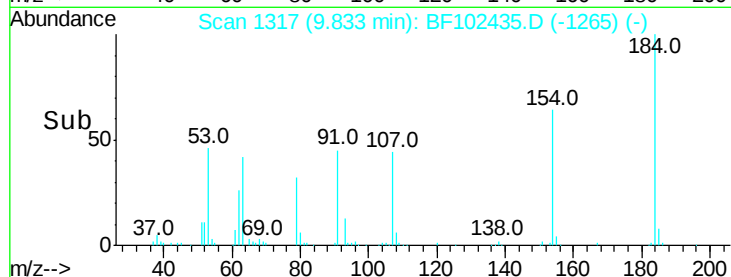
#53
2,4-Dinitrophenol
Concen: 70.869 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 144155
Ion Ratio Lower Upper
184 100
63 63.8 54.2 81.2
154 63.8 184.0 276.0#

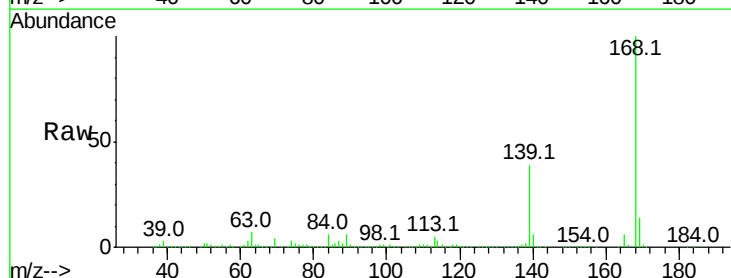


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

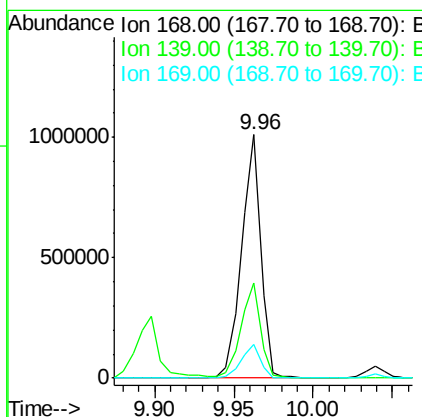
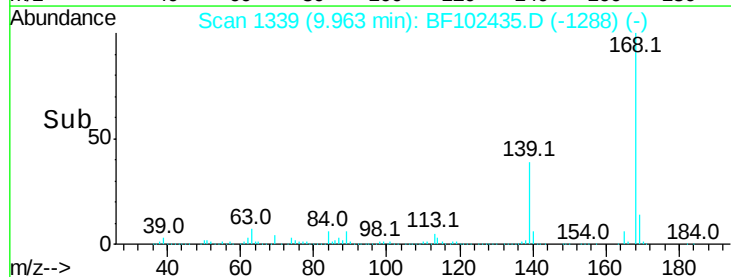


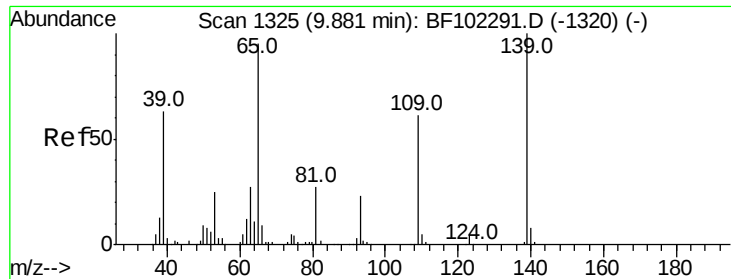
#54
Dibenzofuran
Concen: 38.780 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:168 Resp: 849641
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 13.6 10.9 16.3



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

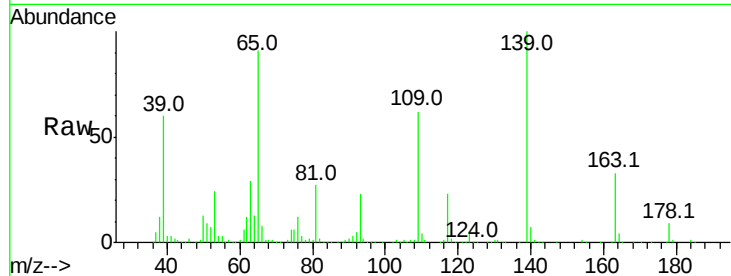




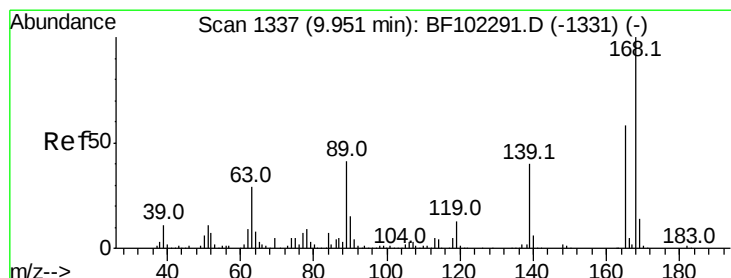
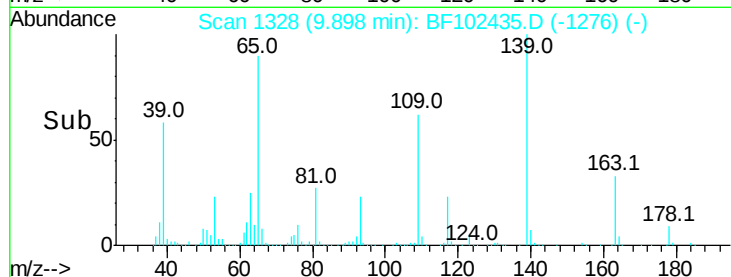
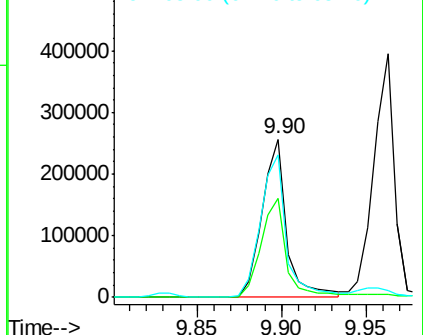
#55
4-Nitrophenol
Concen: 72.810 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 259379
Ion Ratio Lower Upper
139 100
109 62.4 48.4 88.4
65 90.6 72.6 112.6

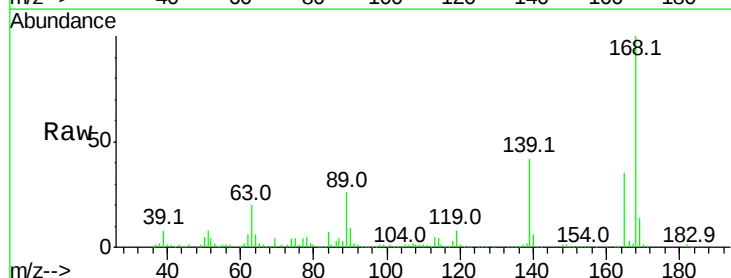


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

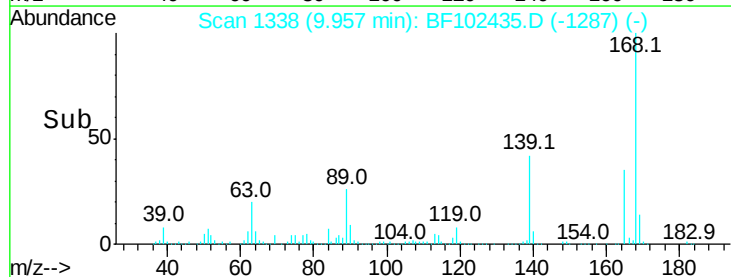
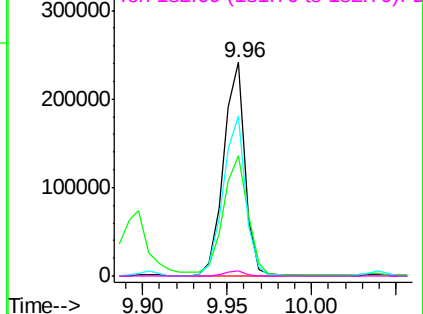


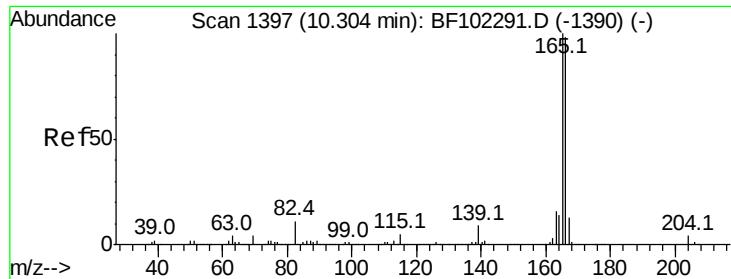
#56
2,4-Dinitrotoluene
Concen: 37.954 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:165 Resp: 212927
Ion Ratio Lower Upper
165 100
63 56.3 36.4 54.6#
89 74.6 57.8 86.6
182 2.3 1.6 2.4



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

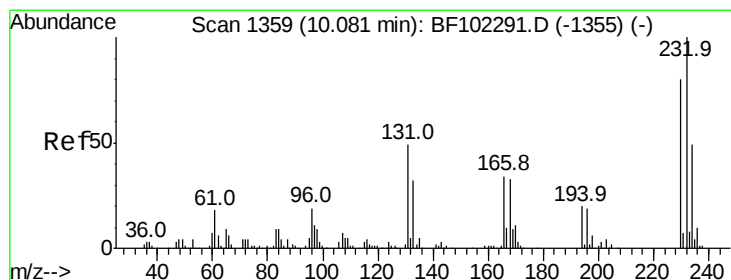
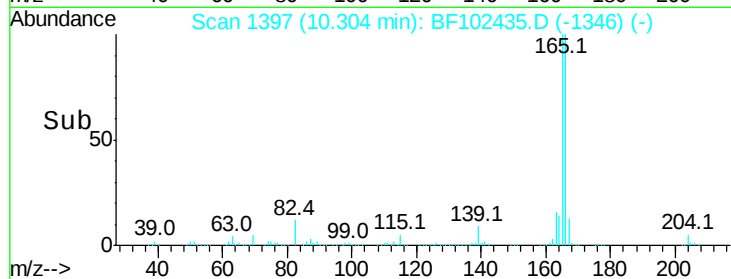
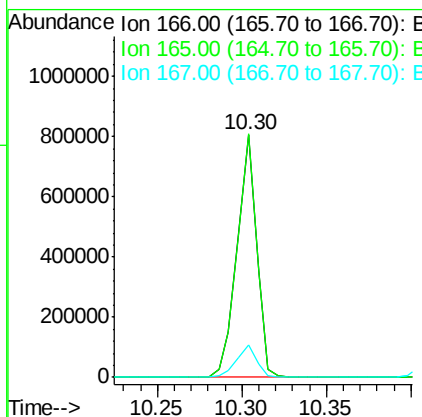
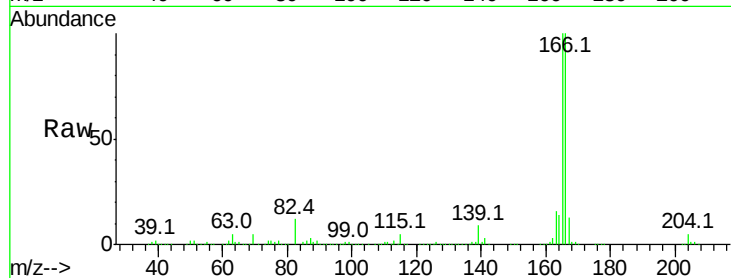




#57
 Fluorene
 Concen: 37.761 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

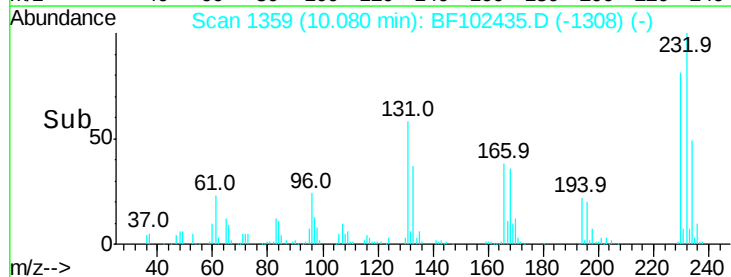
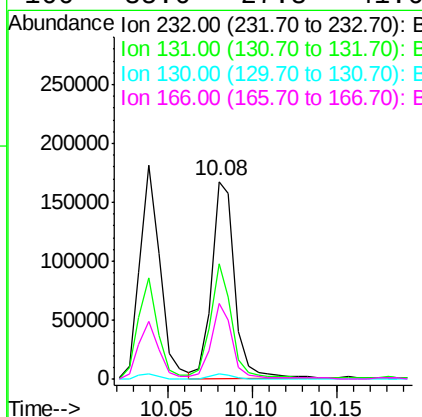
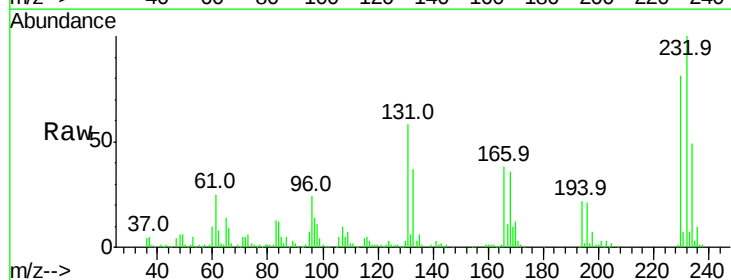
Instrument :
 BNA_F
 ClientSampleId :

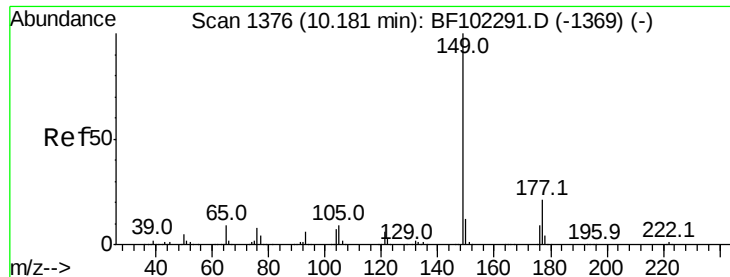
Tot Ion:166 Resp: 655568
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.471 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion:232 Resp: 159457
 Ion Ratio Lower Upper
 232 100
 131 54.1 43.8 65.8
 130 2.7 2.1 3.1
 166 35.6 27.8 41.6

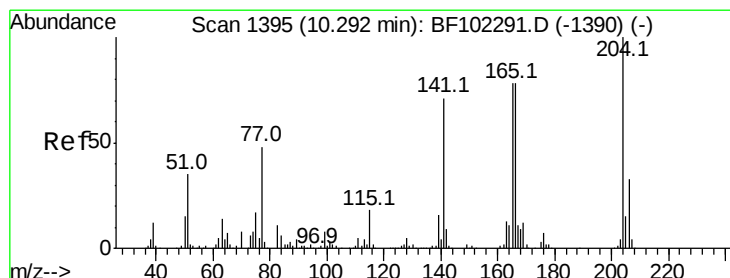
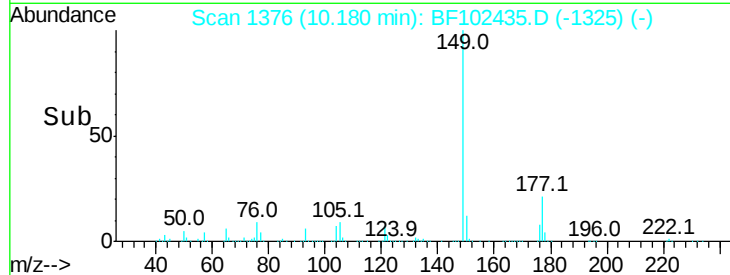
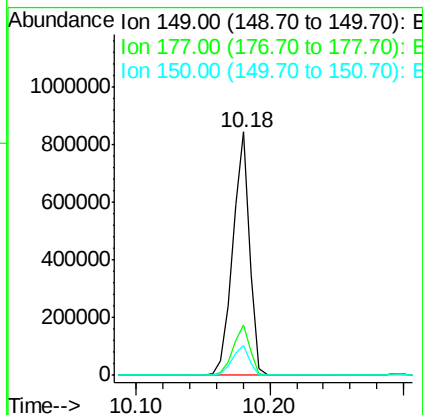
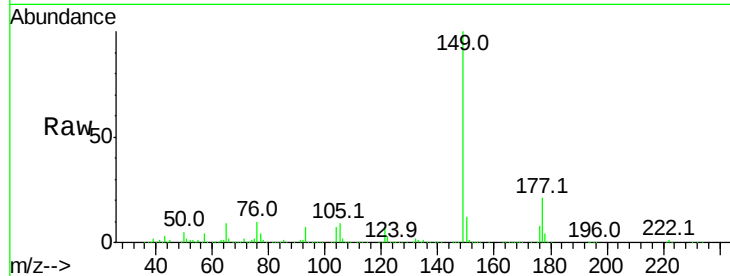




#59
Diethylphthalate
Concen: 36.413 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

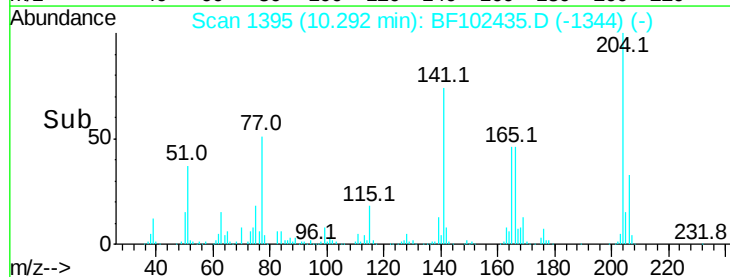
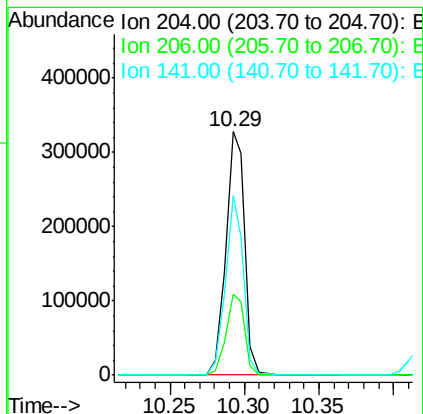
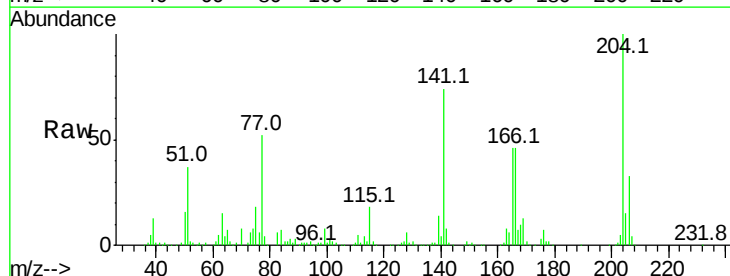
Instrument :
BNA_F
ClientSampled :

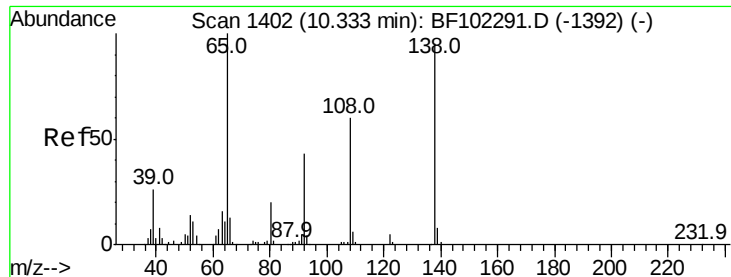
Tot Ion:149 Resp: 748728
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.979 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:204 Resp: 293400
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 73.5 54.6 81.8





#61

4-Nitroaniline

Concen: 34.314 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

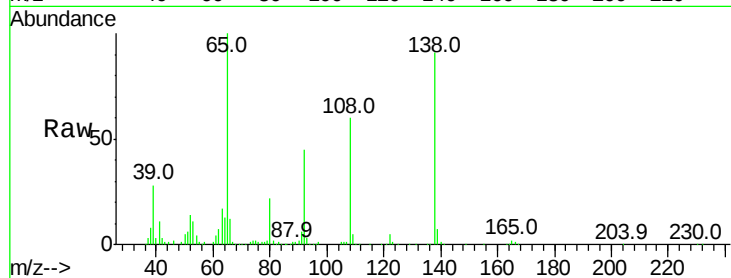
Tot Ion:138 Resp: 184789

Ion Ratio Lower Upper

138 100

92 49.6 30.2 70.2

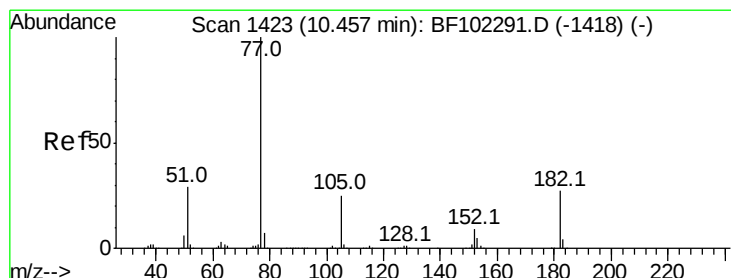
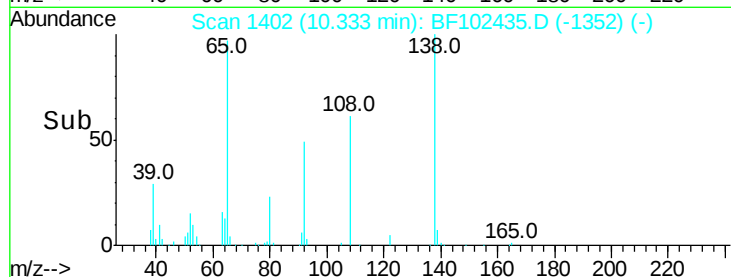
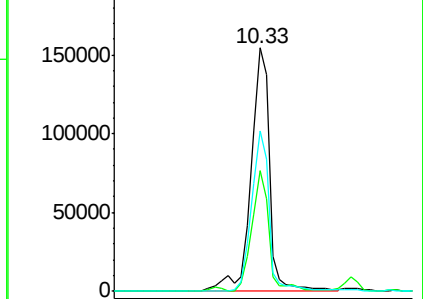
108 66.0 52.5 92.5



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



#62

Azobenzene

Concen: 36.942 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion: 77 Resp: 695452

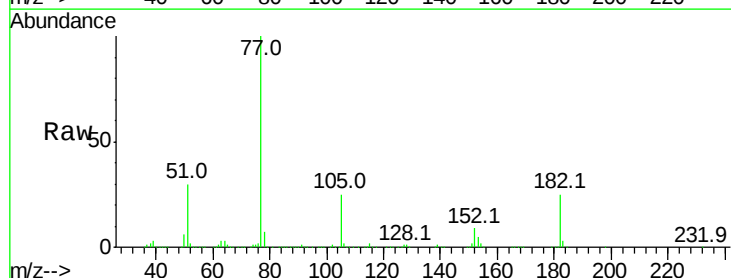
Ion Ratio Lower Upper

77 100

182 25.0 1.7 41.7

105 24.9 3.0 43.0

51 30.2 9.9 49.9

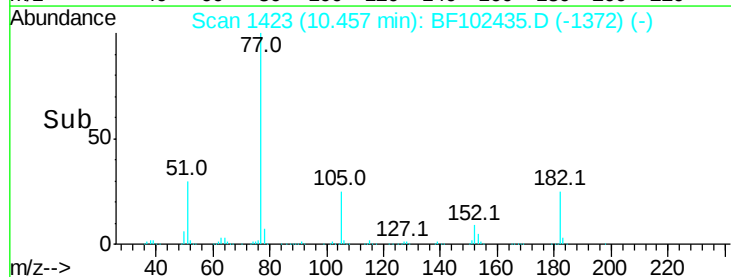
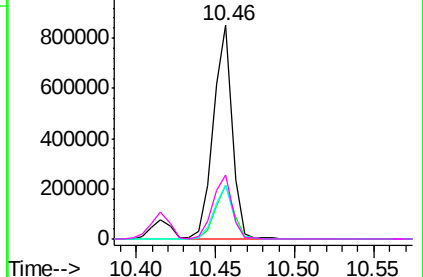


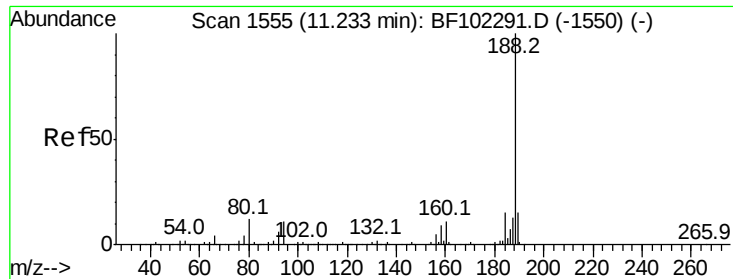
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

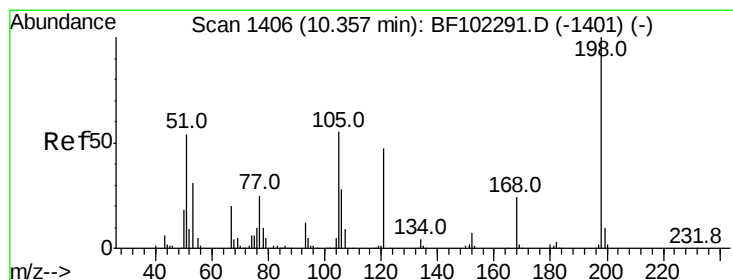
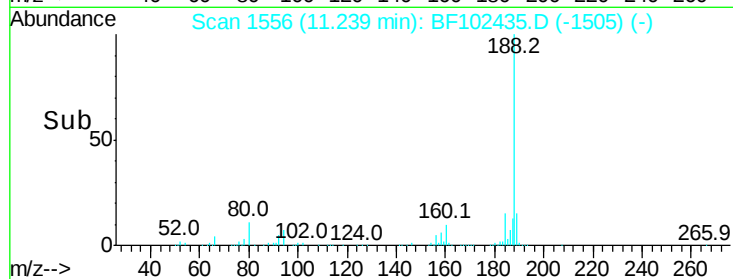
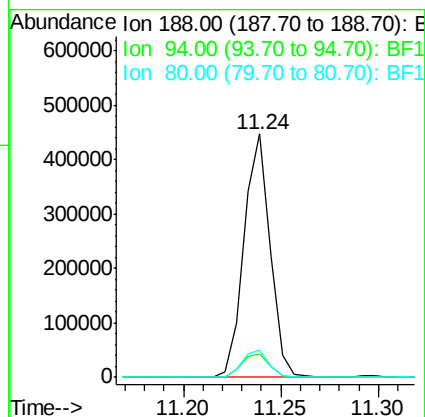
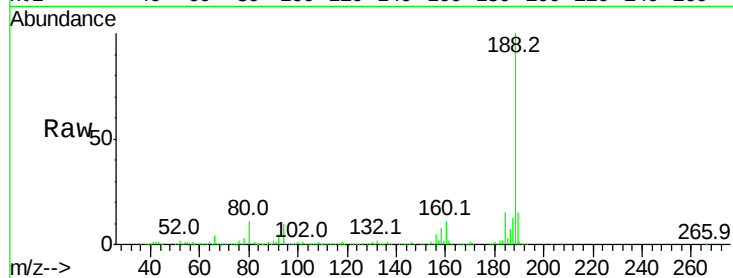




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

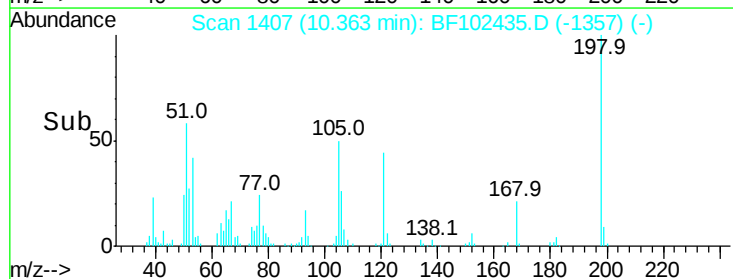
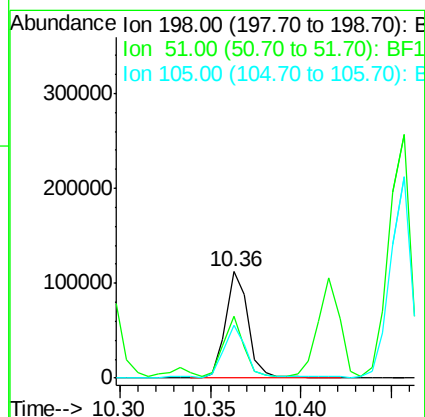
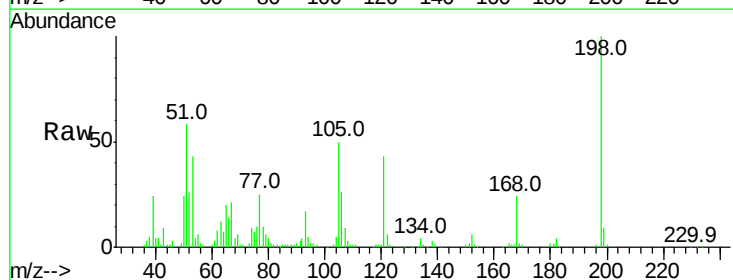
Instrument :
BNA_F
ClientSampleId :

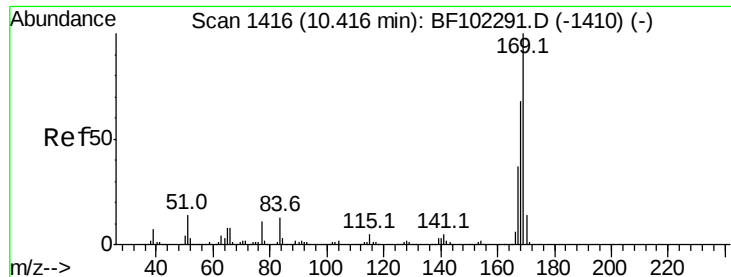
Tot Ion:188 Resp: 414717
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.675 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:198 Resp: 98706
Ion Ratio Lower Upper
198 100
51 58.1 37.7 77.7
105 49.9 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 40.305 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

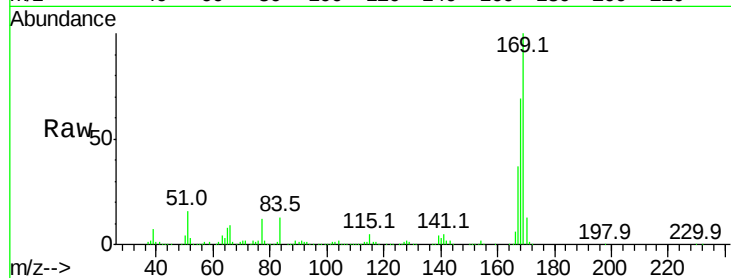
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 613513

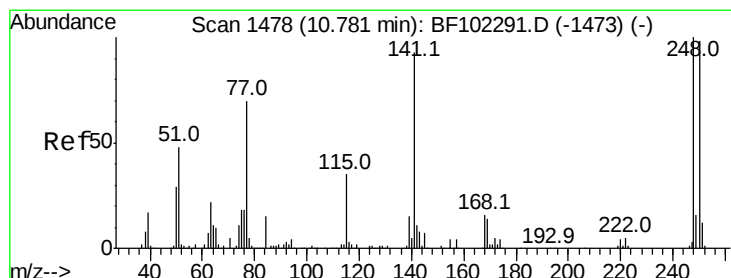
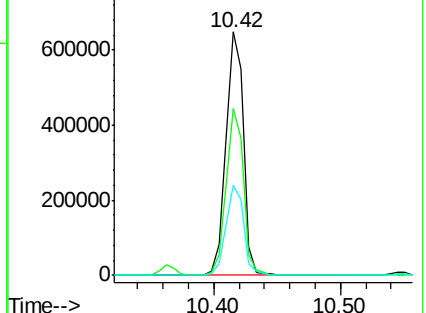
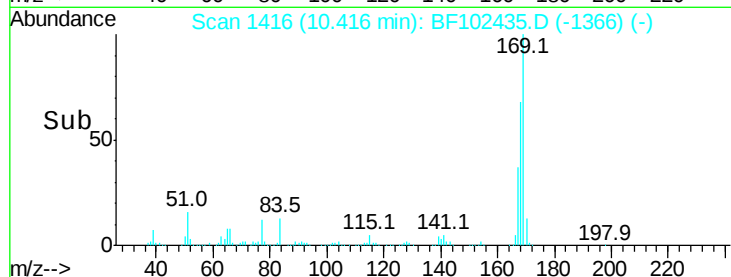
Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.4	81.6
167	37.2	29.8	44.6



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



#66

4-Bromophenyl-phenylether

Concen: 40.218 ng

RT: 10.79 min Scan# 1479

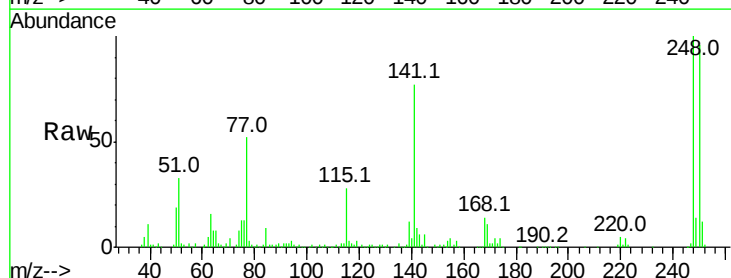
Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:248 Resp: 179551

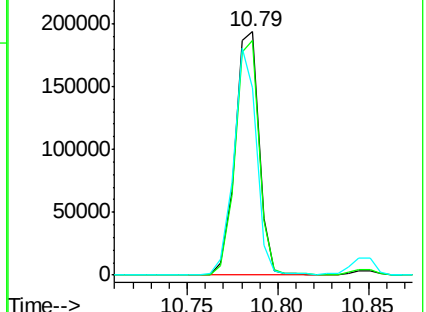
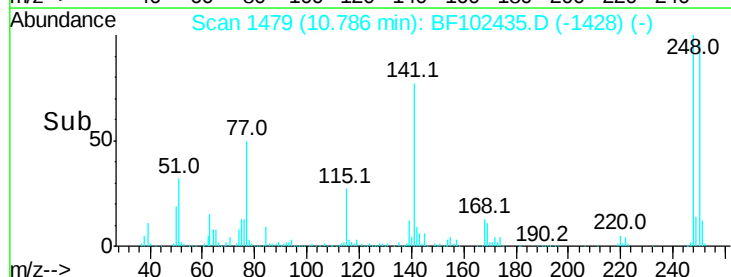
Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	77.1	74.4	111.6

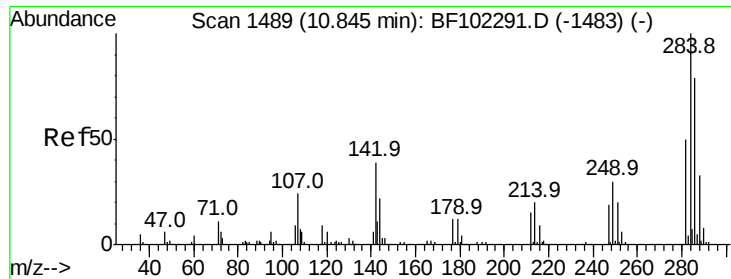


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

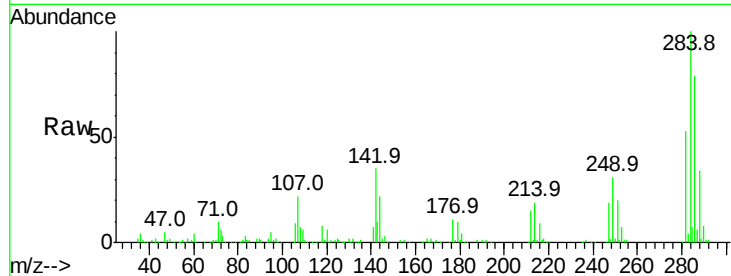




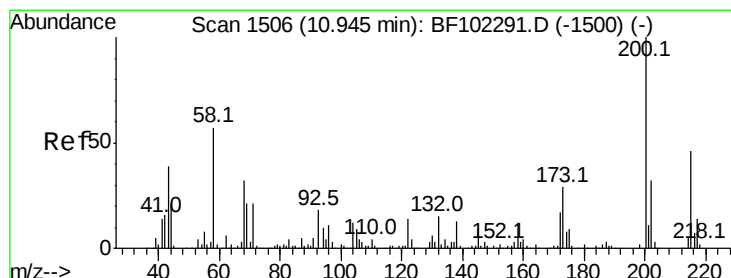
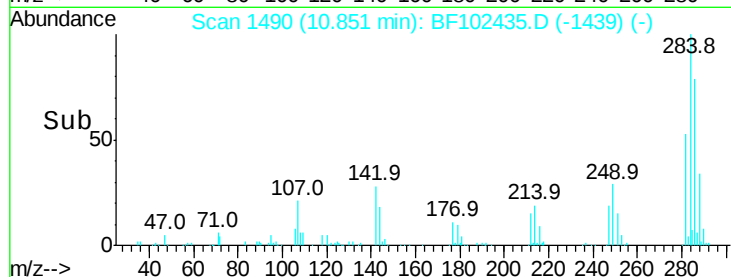
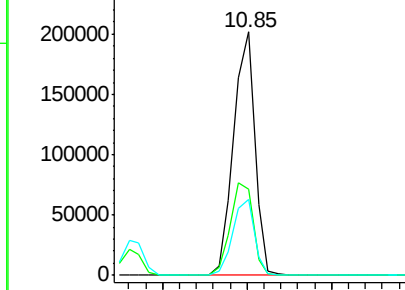
#67
Hexachlorobenzene
Concen: 35.333 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 176416
Ion Ratio Lower Upper
284 100
142 35.4 34.6 52.0
249 31.3 24.8 37.2

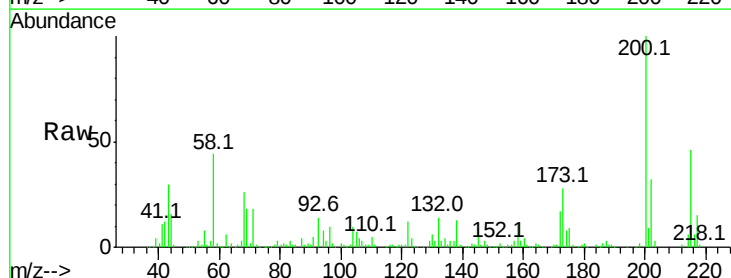


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

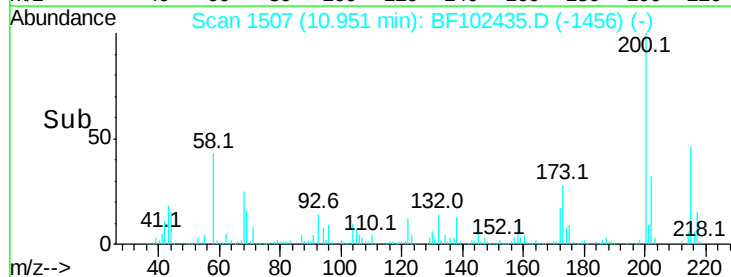
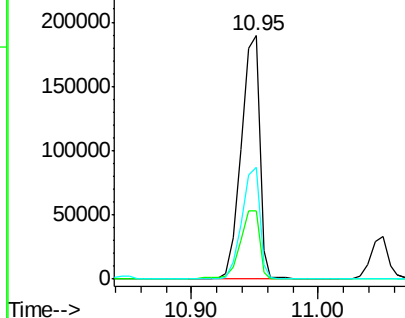


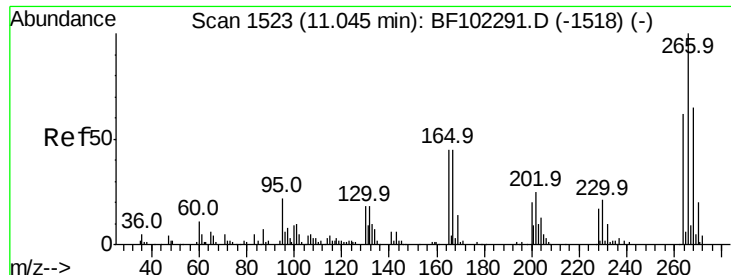
#68
Atrazine
Concen: 42.098 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:200 Resp: 189257
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 45.9 25.1 65.1



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

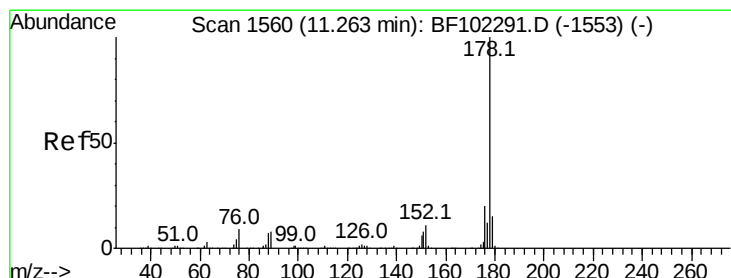
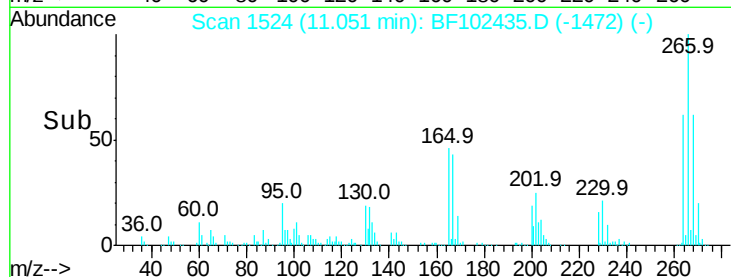
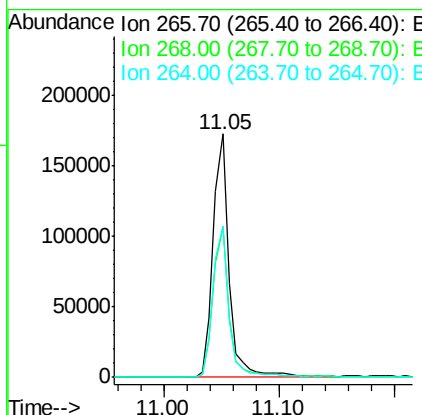
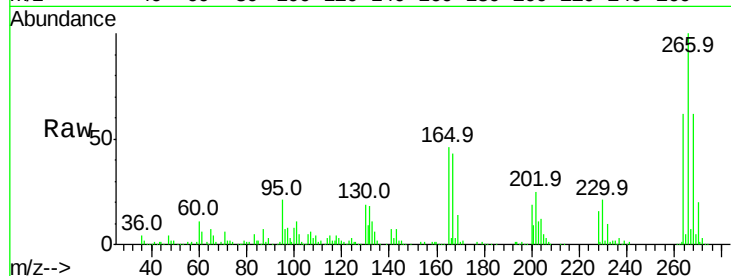




#69
 Pentachlorophenol
 Concen: 64.050 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

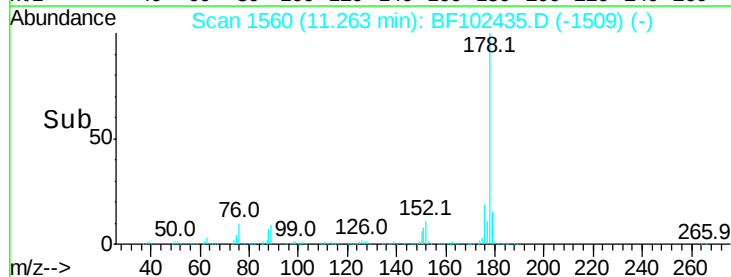
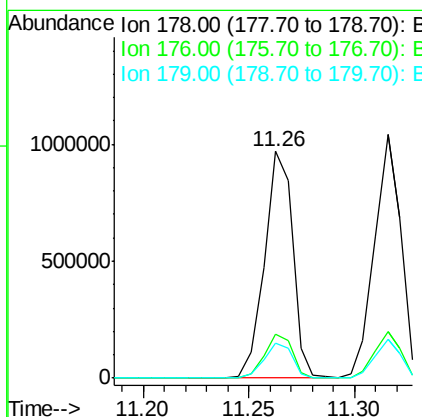
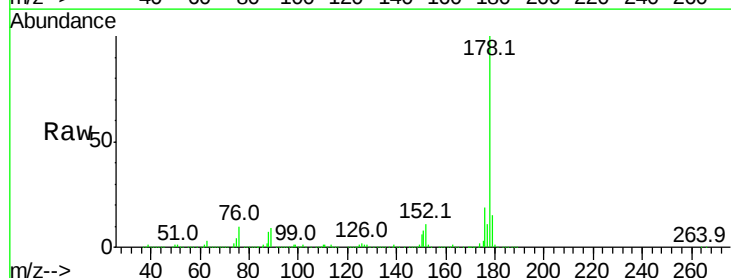
Instrument :
 BNA_F
 ClientSampled :

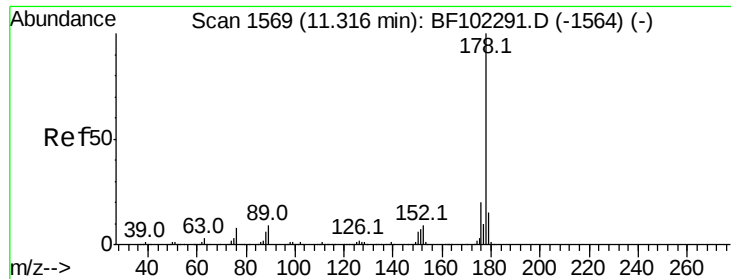
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	62.1	49.5	74.3



#70
 Phenanthrene
 Concen: 37.356 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

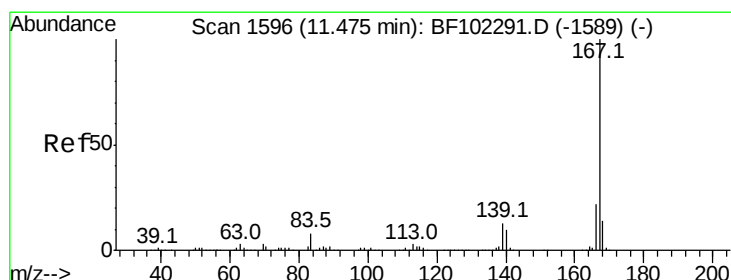
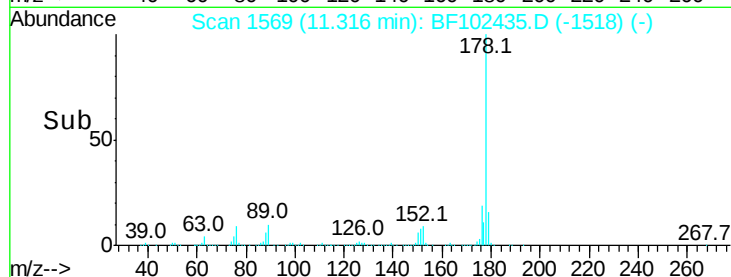
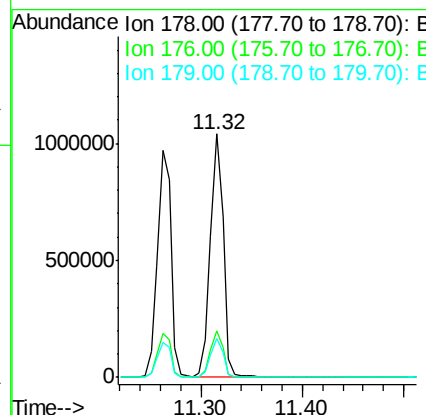
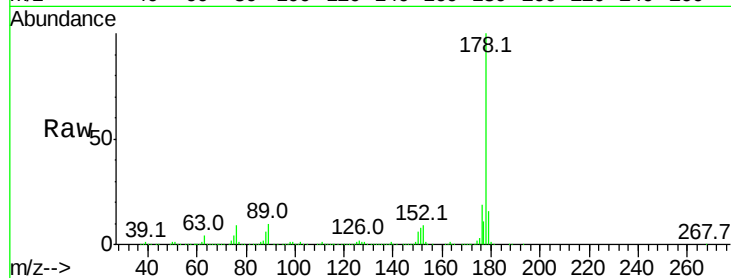




#71
 Anthracene
 Concen: 37.790 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

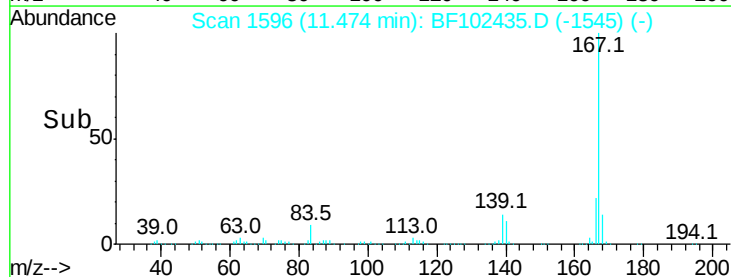
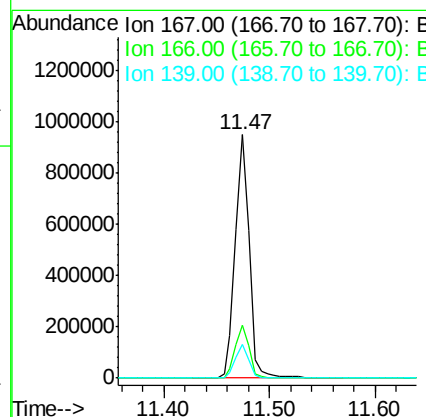
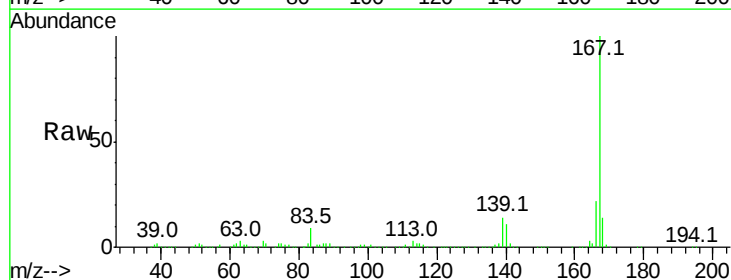
Instrument :
 BNA_F
 ClientSampled :

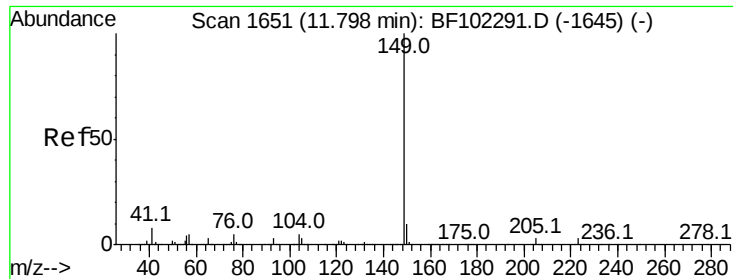
Tot Ion:178 Resp: 932143
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 35.983 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion:167 Resp: 865894
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.673 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

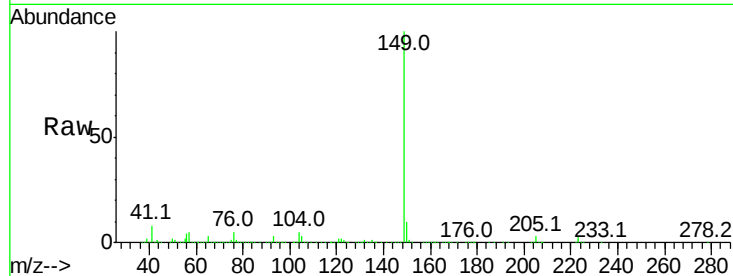
Tot Ion:149 Resp: 1133195

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

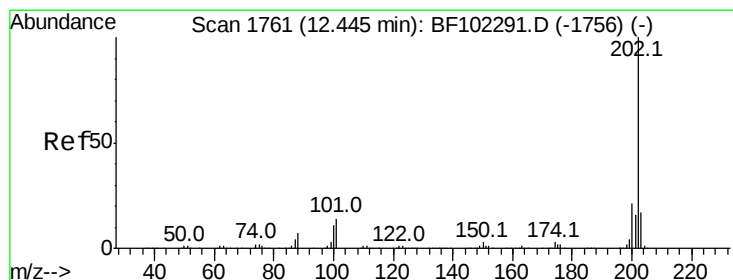
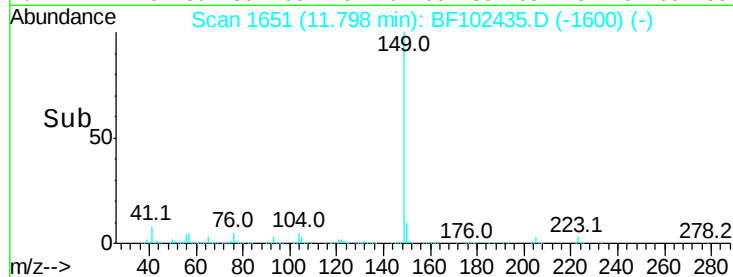
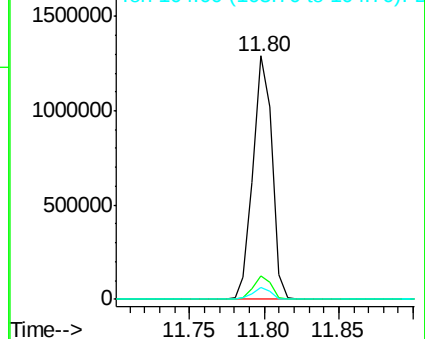
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.162 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

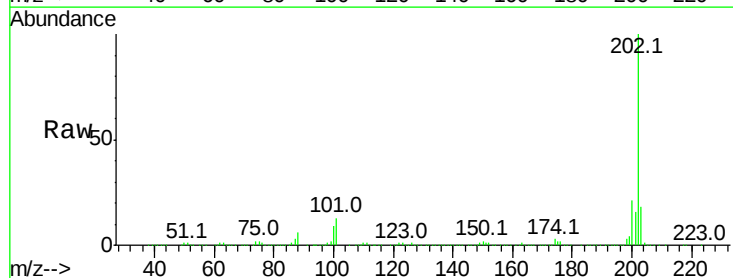
Tgt Ion:202 Resp: 817252

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

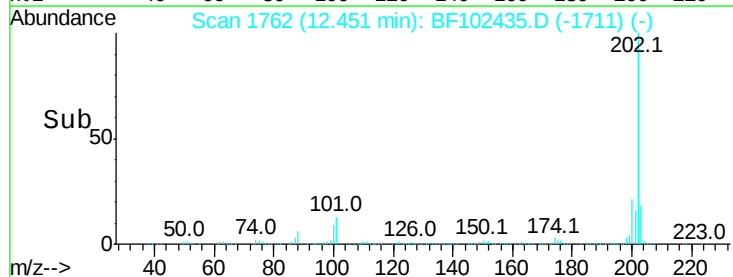
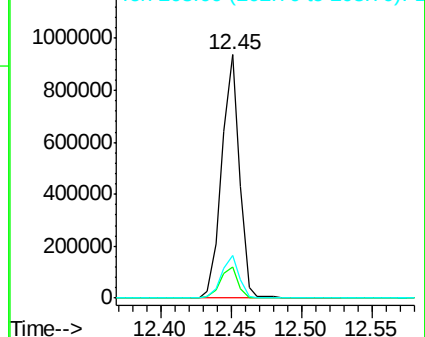
203 17.7 0.0 38.1

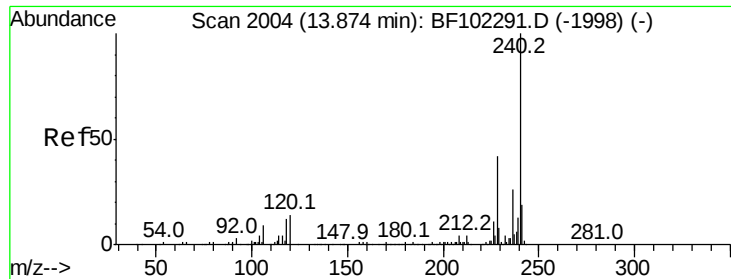


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

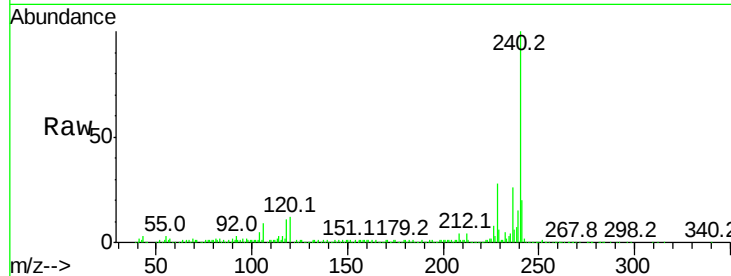
Tot Ion:240 Resp: 255338

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

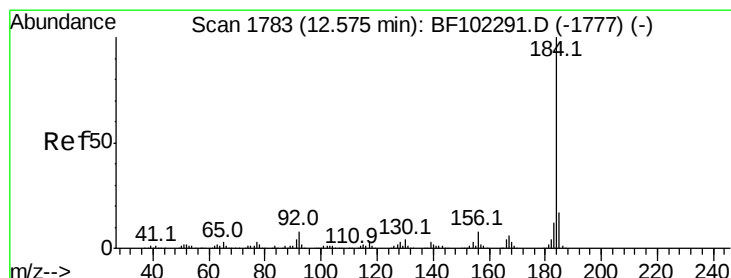
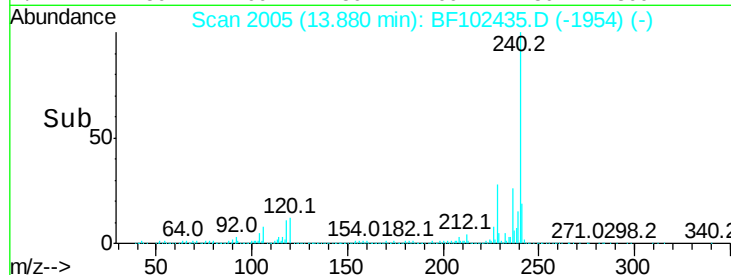
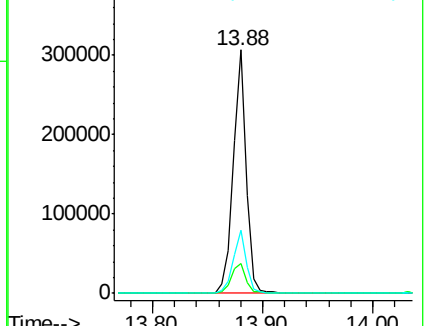
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.856 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

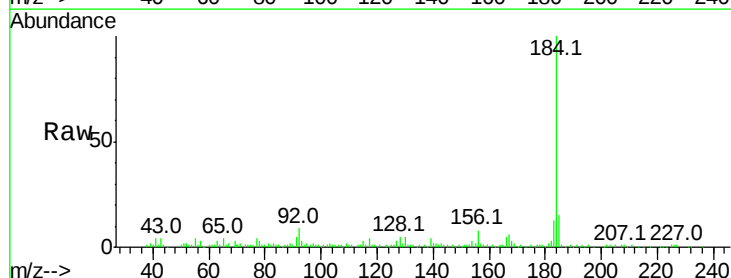
Tgt Ion:184 Resp: 127433

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

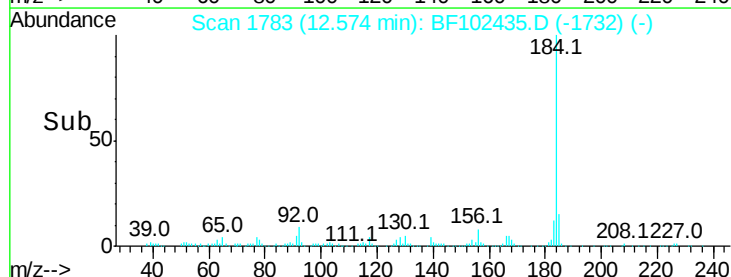
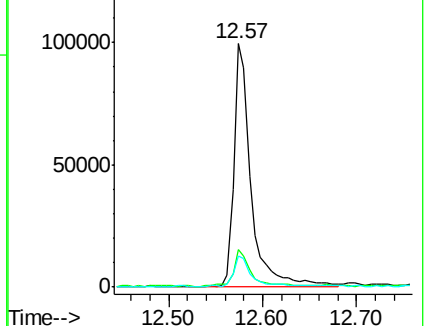
183 12.7 9.3 13.9

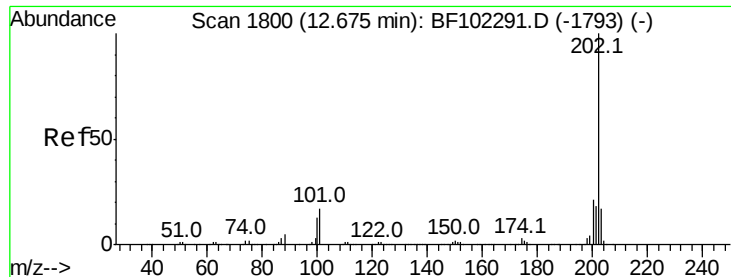


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.374 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

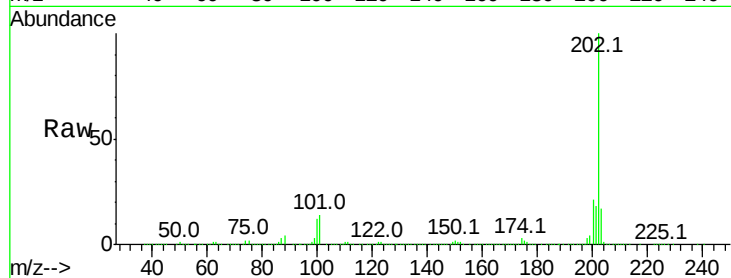
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 797061

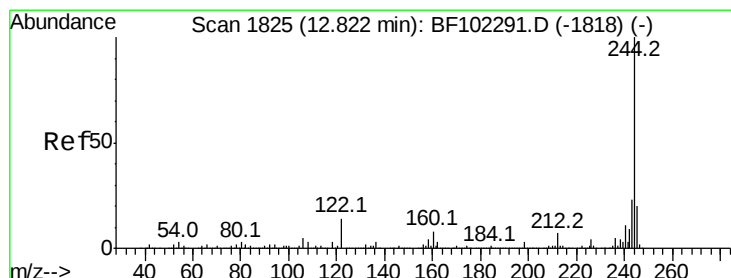
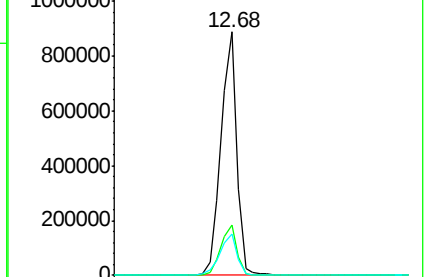
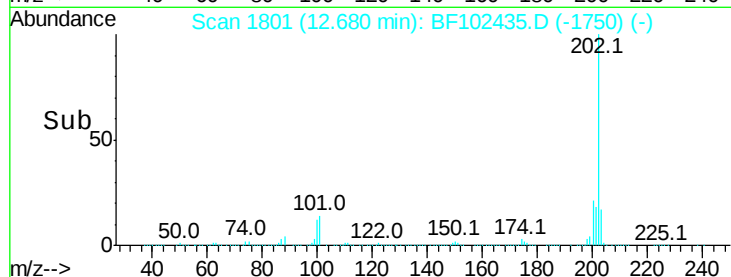
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5



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



#78

Terphenyl-d14

Concen: 83.917 ng

RT: 12.82 min Scan# 1825

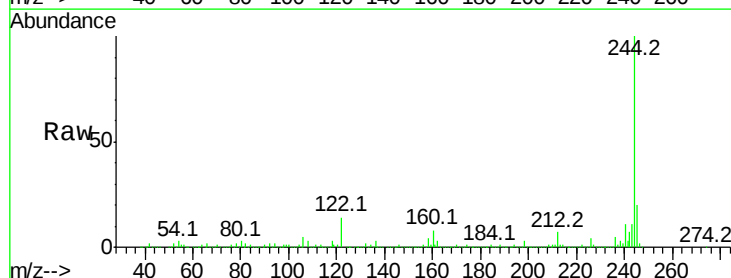
Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:244 Resp: 950479

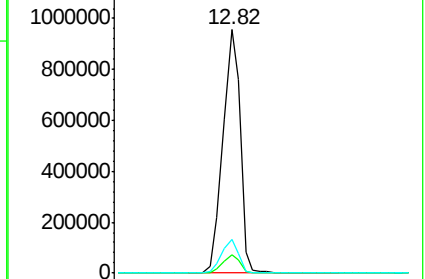
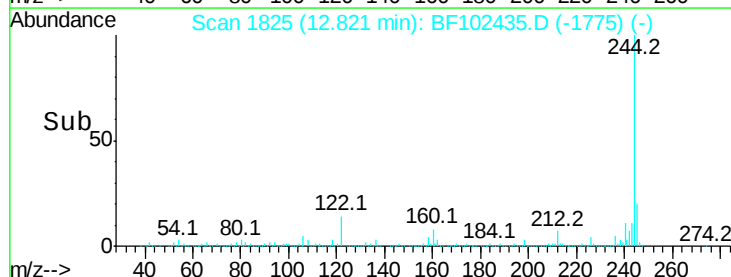
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.0	11.0	16.4

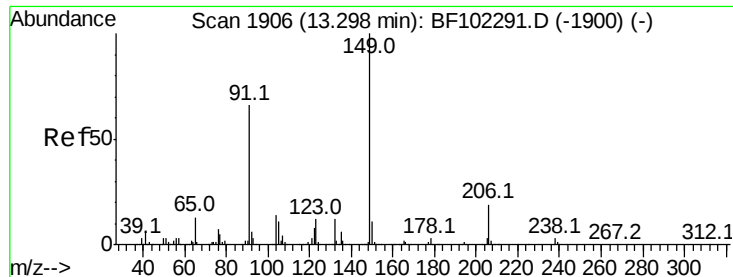


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

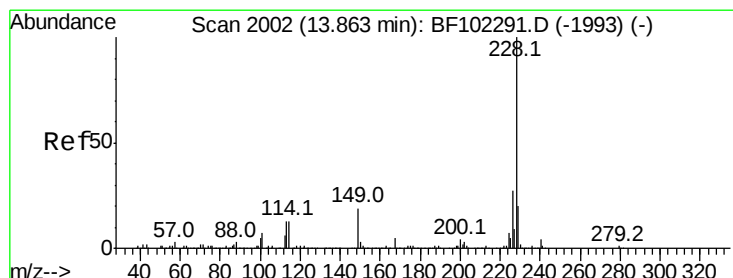
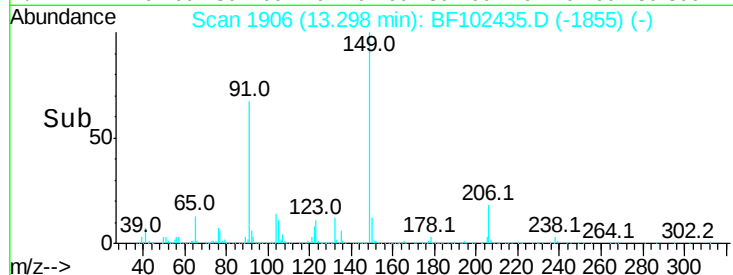
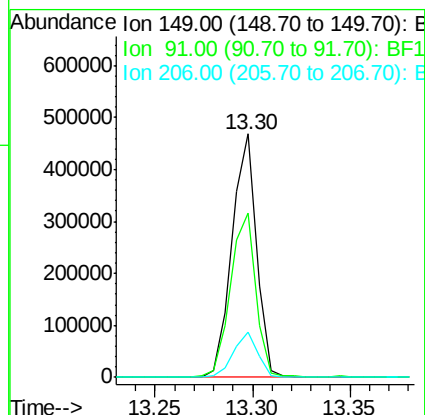
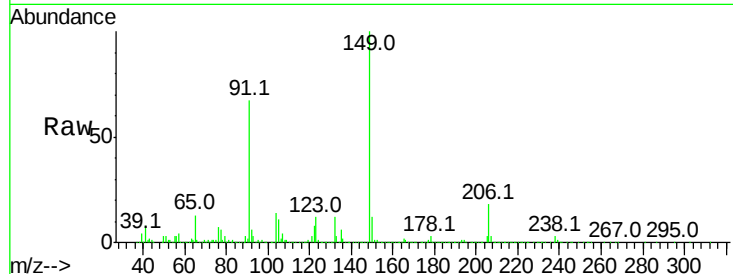




#79
Butylbenzylphthalate
Concen: 41.429 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

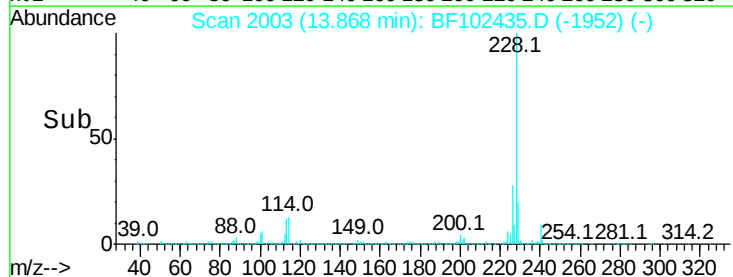
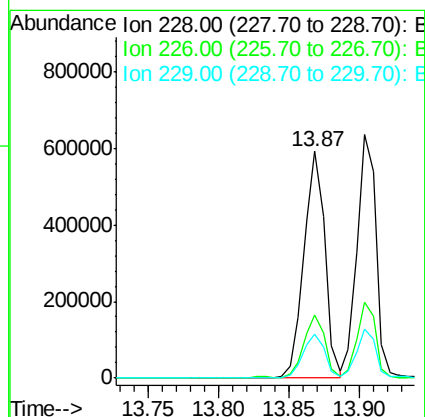
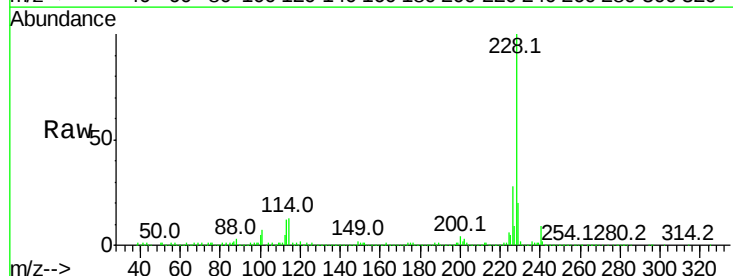
Instrument :
BNA_F
ClientSampleId :

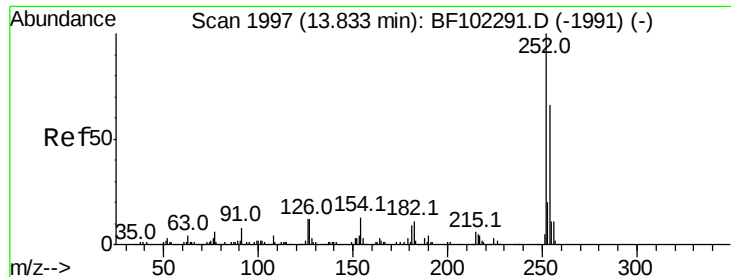
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	56.8	85.2
206	18.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.773 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 32.478 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

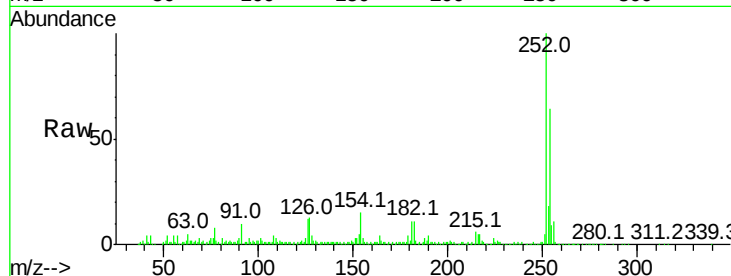
Tot Ion:252 Resp: 187296

Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	12.4	11.3	16.9

252 100

254 64.0 50.4 75.6

126 12.4 11.3 16.9



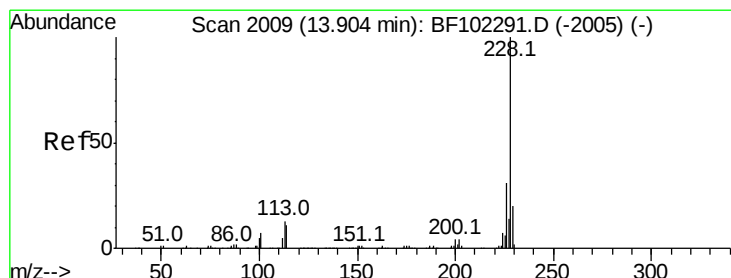
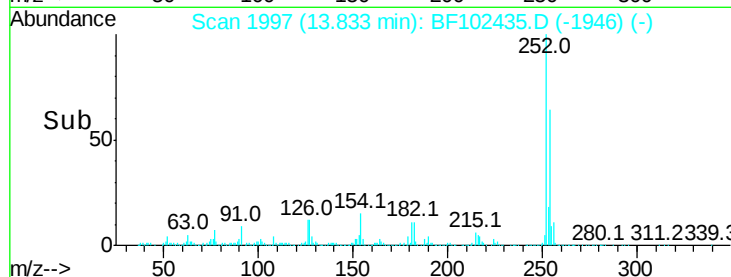
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

13.83

Time-->



#82

Chrysene

Concen: 37.710 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

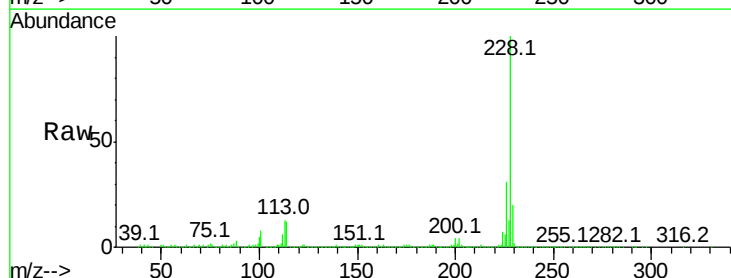
Tgt Ion:228 Resp: 601994

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.0	16.2	24.4

228 100

226 31.1 25.0 37.6

229 20.0 16.2 24.4



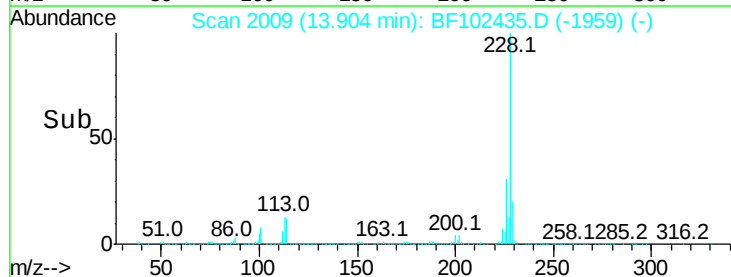
Abundance Ion 228.00 (227.70 to 228.70): E

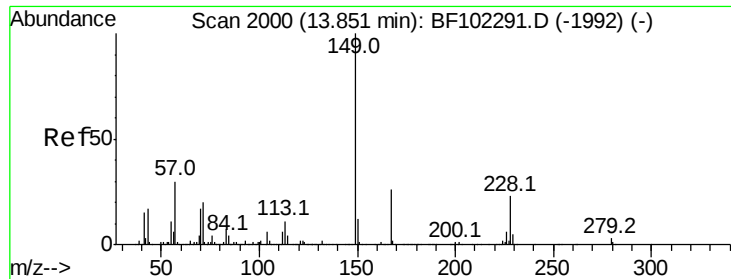
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.90

Time-->

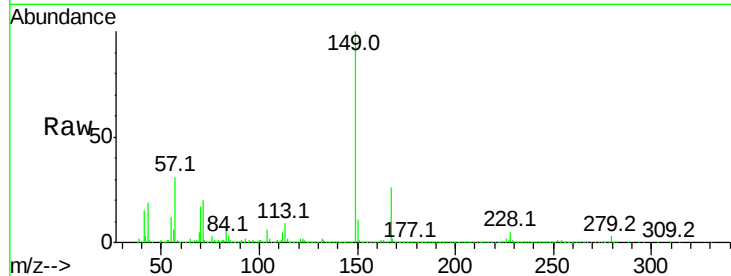




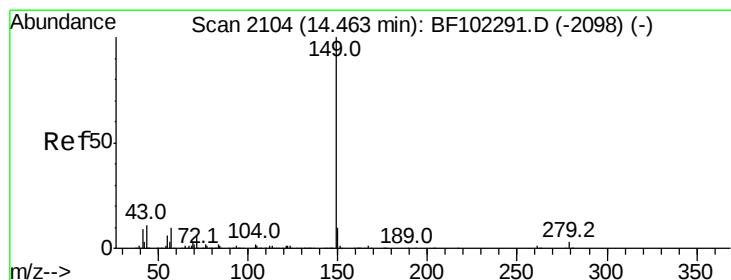
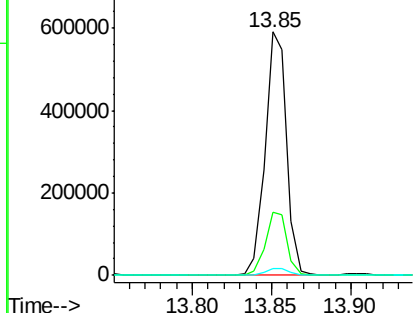
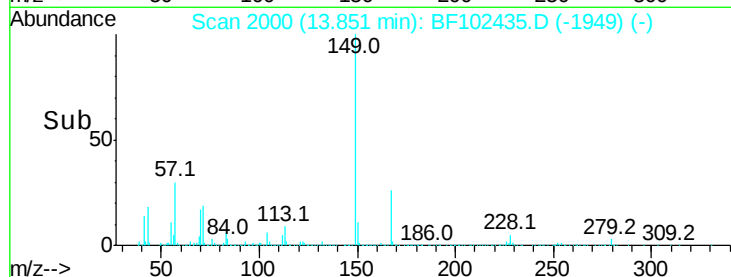
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.244 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	2.6	3.0	4.4#

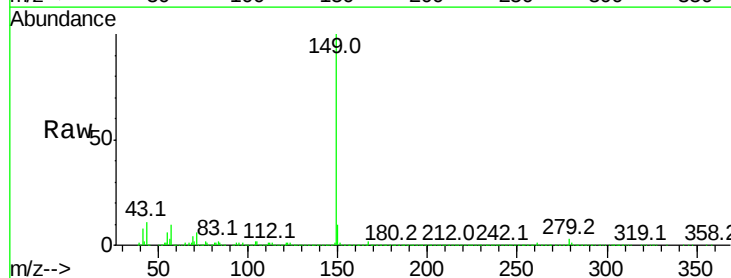


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

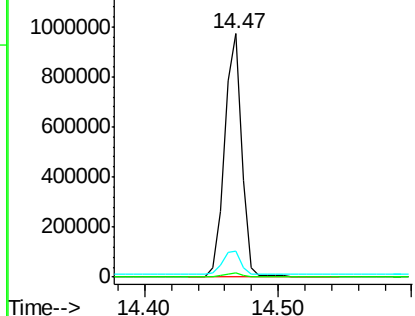
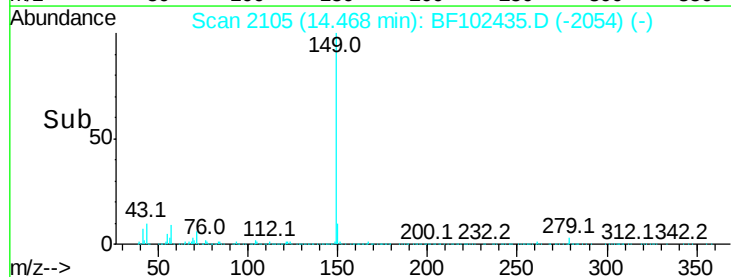


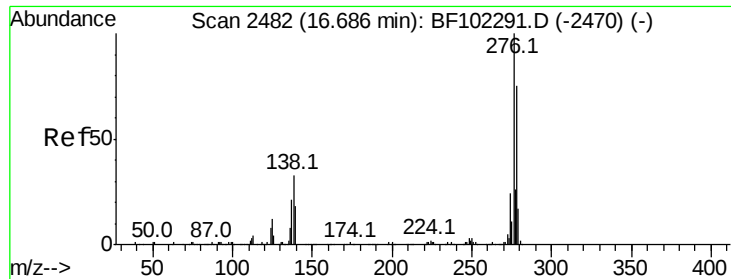
#84
 Di-n-octyl phthalate
 Concen: 40.907 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.5	8.4	12.6



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

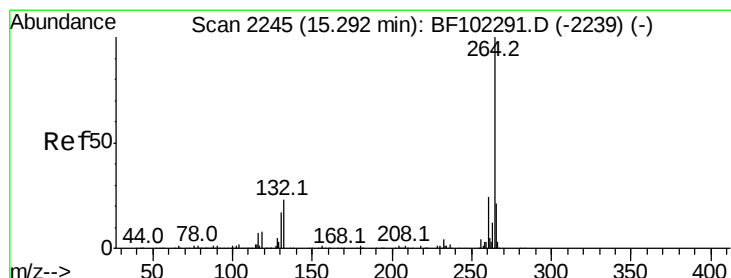
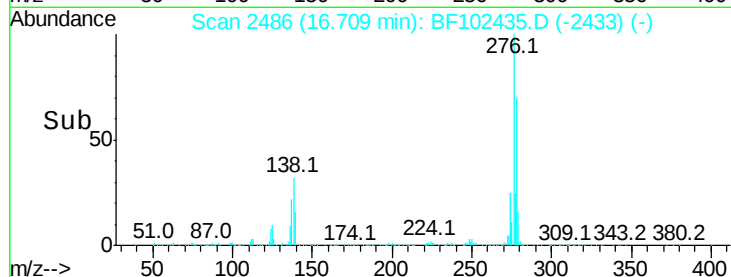
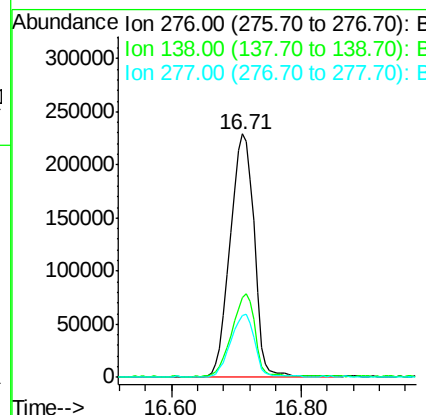
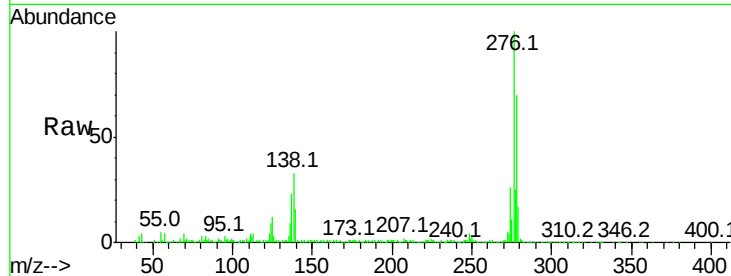




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.475 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

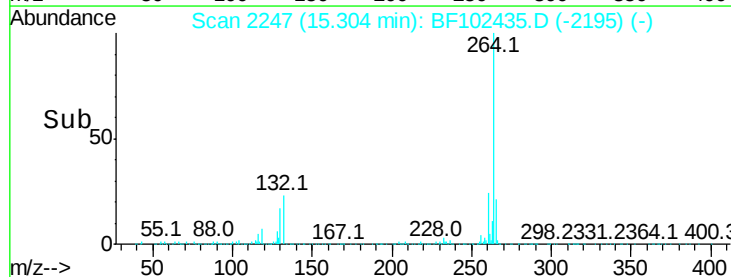
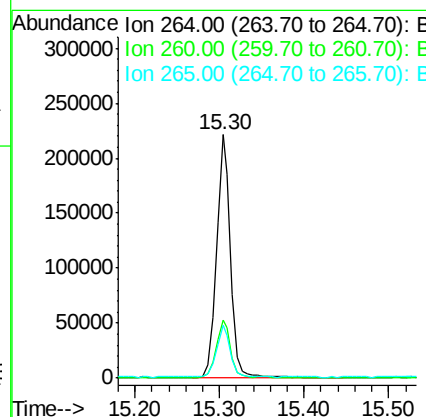
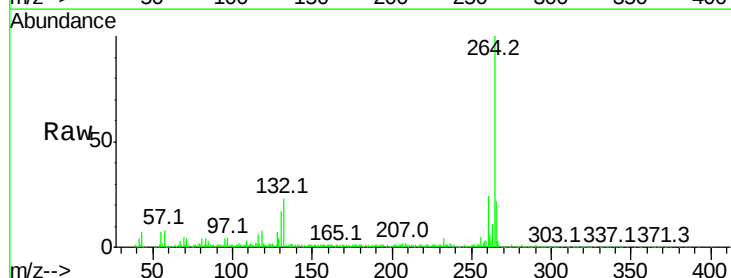
Instrument :
 BNA_F
 ClientSampleId :

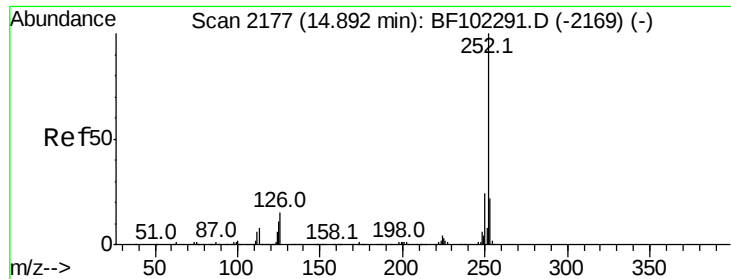
Tot Ion:276 Resp: 586354
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion:264 Resp: 257690
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 34.556 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.01 min

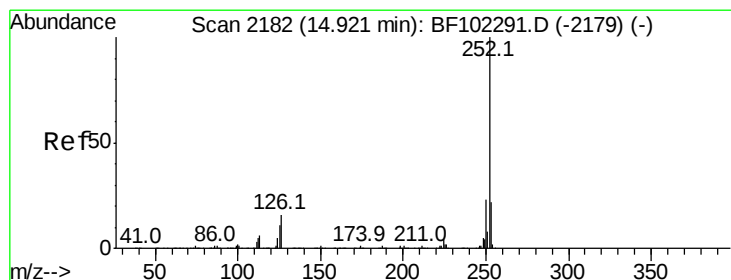
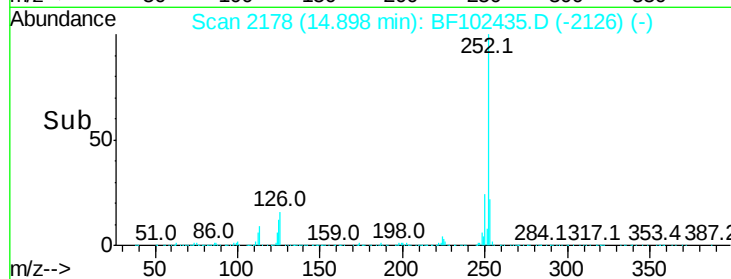
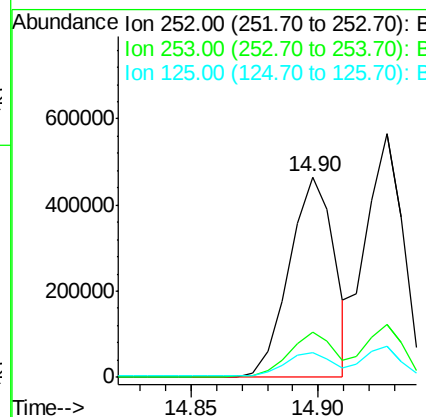
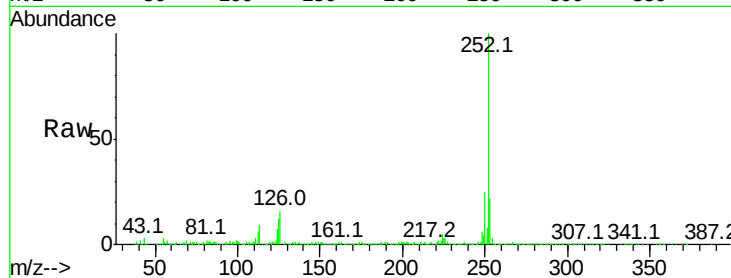
Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 577163

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.4	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 36.556 ng

RT: 14.93 min Scan# 2183

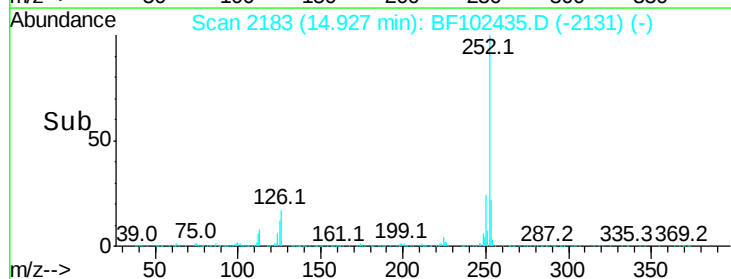
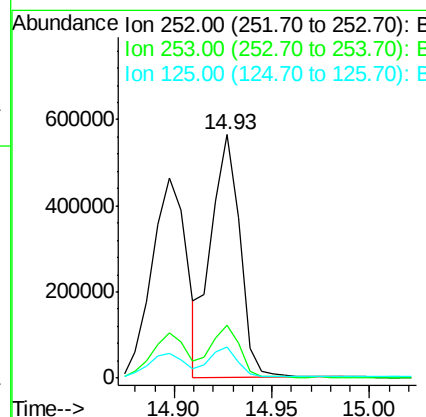
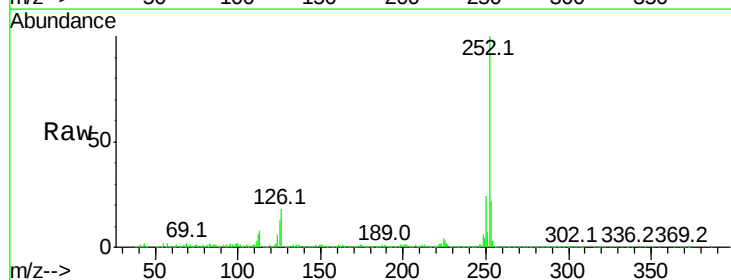
Delta R.T. 0.01 min

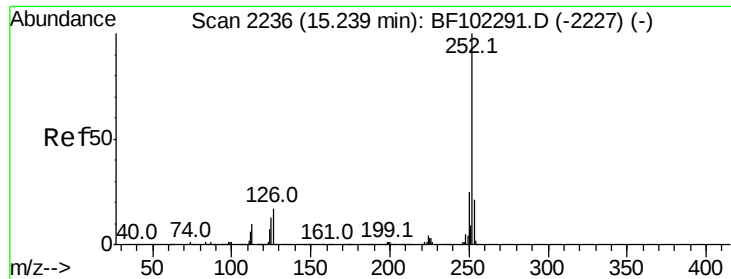
Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:252 Resp: 576856

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.6	10.2	15.2

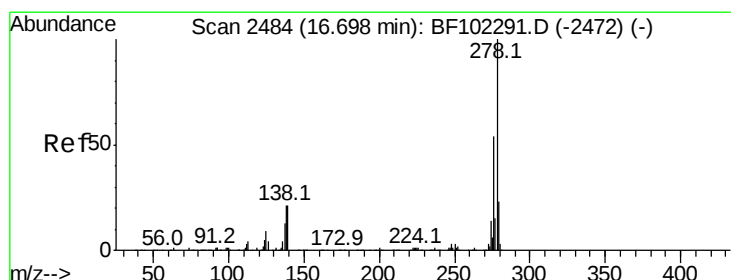
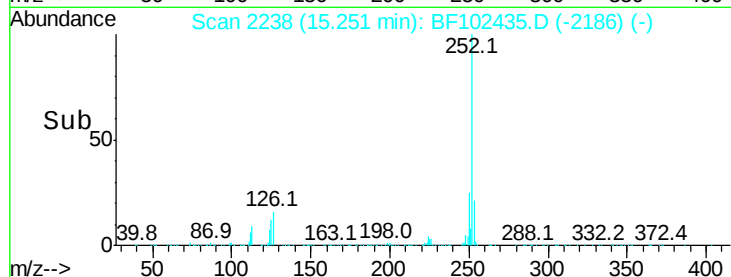
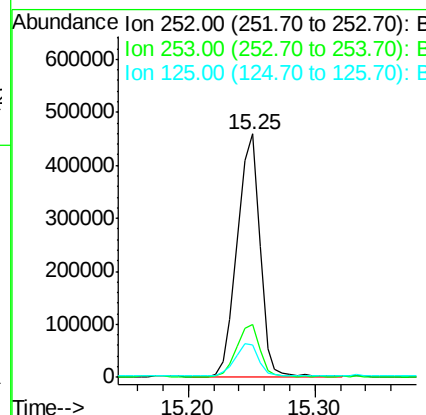
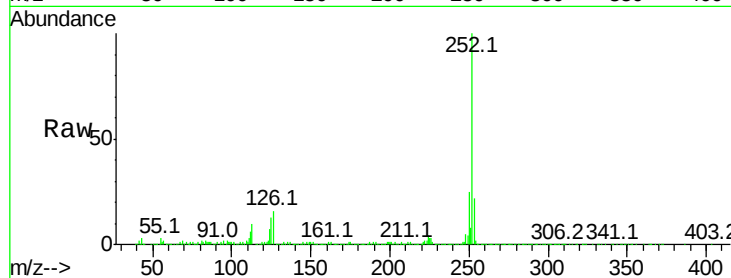




#89
Benzo(a)pyrene
Concen: 37.693 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

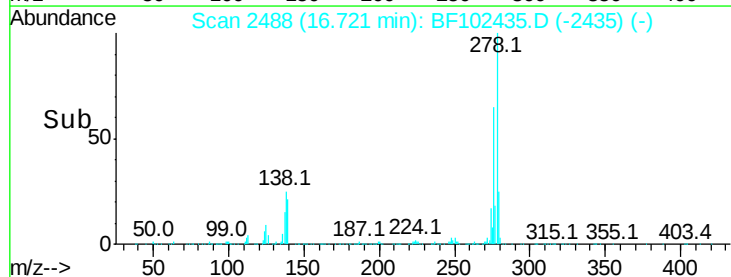
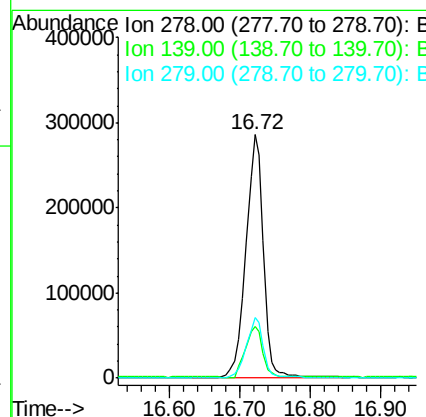
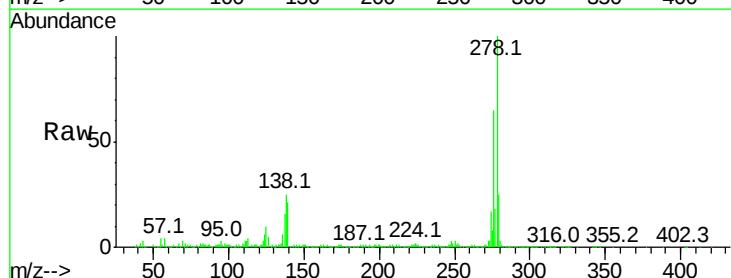
Instrument :
BNA_F
ClientSampleId :

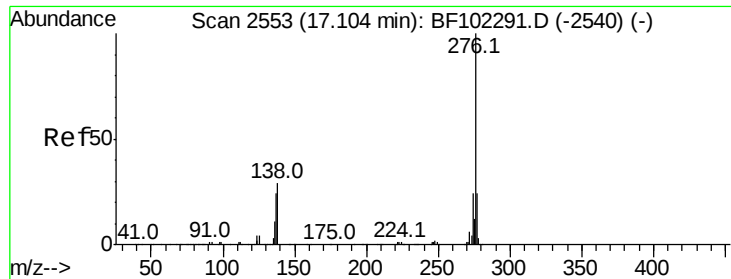
Tot Ion:252 Resp: 567790
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 13.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.400 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:278 Resp: 492966
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 24.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.672 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 477984

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 27.5 21.8 32.8

