

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102273.D
 Acq On : 20 Jan 2018 18:35
 Operator : SJ/JU
 Sample : J1228-26MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:24:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146323	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	595162	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	251181	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	377349	20.00	ng	0.00
75) Chrysene-d12	13.88	240	261899	20.00	ng	0.00
86) Perylene-d12	15.30	264	232884	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	983544	94.92	ng	0.01
7) Phenol-d6	6.37	99	1200919	97.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	746375	73.69	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	215127	98.14	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1241533	77.22	ng	0.00
78) Terphenyl-d14	12.83	244	857885	68.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	144846	28.010	ng	93
3) Pyridine	3.16	79	381467	27.012	ng	96
4) n-Nitrosodimethylamine	3.12	42	200937	33.978	ng	98
6) Aniline	6.39	93	399930	22.954	ng	# 51
8) 2-Chlorophenol	6.51	128	380070	36.571	ng	97
9) Benzaldehyde	6.27	77	247429	28.823	ng	97
10) Phenol	6.38	94	499587	35.757	ng	76
11) bis(2-Chloroethyl)ether	6.46	93	356856	33.556	ng	98
12) 1,3-Dichlorobenzene	6.66	146	409557	34.186	ng	96
13) 1,4-Dichlorobenzene	6.74	146	414034	34.634	ng	98
14) 1,2-Dichlorobenzene	6.89	146	391612	35.393	ng	98
15) Benzyl Alcohol	6.87	79	308157	34.075	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	571994	29.178	ng	99
17) 2-Methylphenol	6.99	107	315879	33.693	ng	97
18) Hexachloroethane	7.23	117	123682	29.380	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	248016	30.612	ng	96
20) 3+4-Methylphenols	7.14	107	373946	33.220	ng	# 75
22) Acetophenone	7.13	105	507903	35.419	ng	# 91
24) Nitrobenzene	7.31	77	388566	35.704	ng	98
25) Isophorone	7.55	82	693643	34.661	ng	99
26) 2-Nitrophenol	7.62	139	193211	42.417	ng	99
27) 2,4-Dimethylphenol	7.66	122	334727	39.347	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	438640	36.301	ng	98
29) 2,4-Dichlorophenol	7.87	162	311319	38.541	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	304940	36.091	ng	98
31) Naphthalene	8.03	128	1061685	35.700	ng	99
32) Benzoic acid	7.77	122	83901	13.006	ng	98
33) 4-Chloroaniline	8.08	127	251449	19.810	ng	97
34) Hexachlorobutadiene	8.14	225	156488	34.990	ng	99
35) Caprolactam	8.45	113	71508	25.787	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	329596	37.276	ng	99
37) 2-Methylnaphthalene	8.72	142	710486	36.290	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	275896	38.825	ng	98
40) Hexachlorocyclopentadiene	8.86	237	59799	15.387	ng	96

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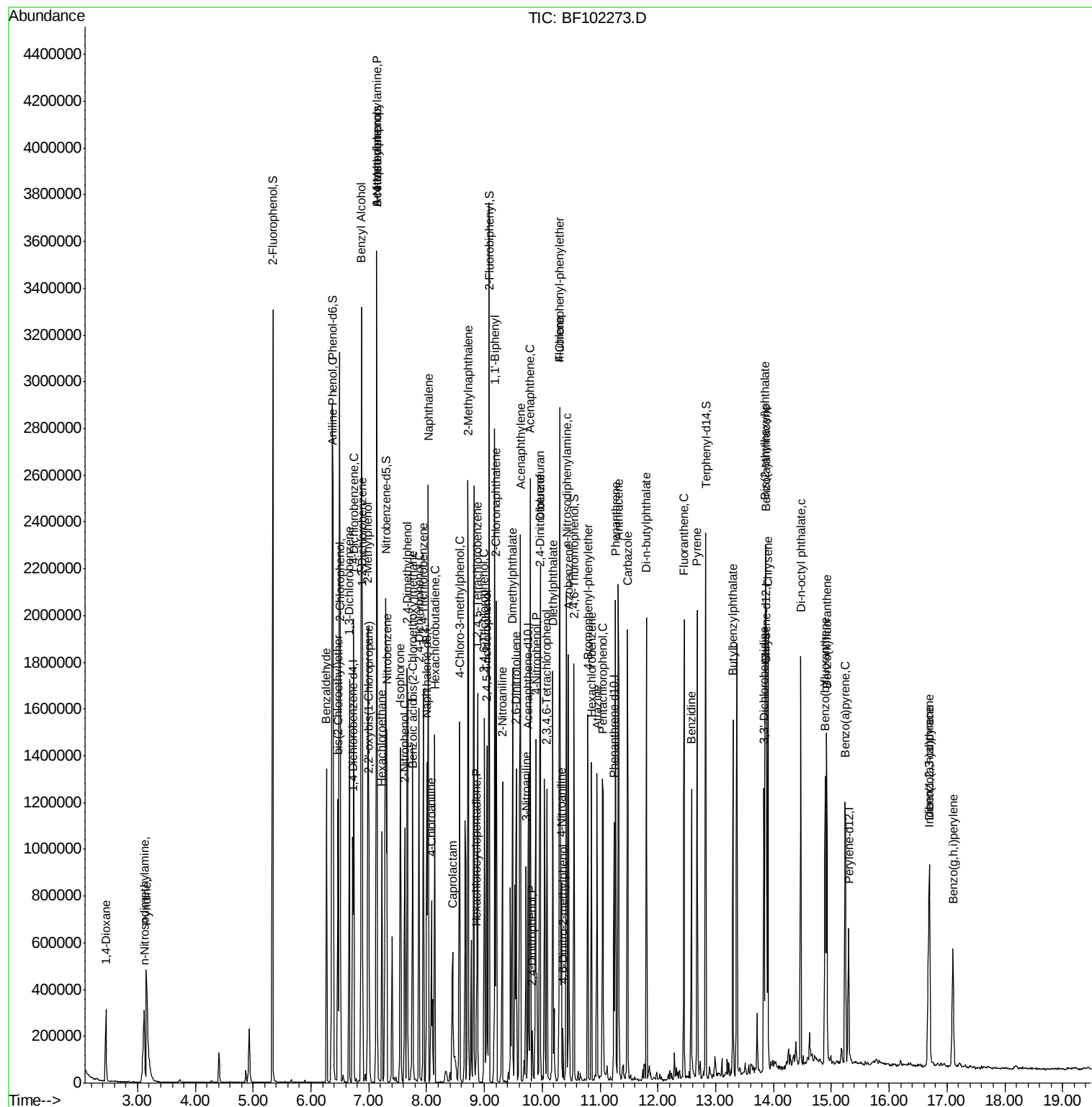
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	191551	39.117	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	203943	36.848	nq	98
45) 1,1'-Biphenyl	9.18	154	811157	36.536	nq	99
46) 2-Chloronaphthalene	9.20	162	624744	36.288	nq	99
47) 2-Nitroaniline	9.31	65	209492	40.622	nq	95
48) Acenaphthylene	9.62	152	973425	35.627	nq	99
49) Dimethylphthalate	9.49	163	851926	42.279	nq	99
50) 2,6-Dinitrotoluene	9.55	165	154695	38.434	nq	96
51) Acenaphthene	9.79	154	543365	32.765	nq	100
52) 3-Nitroaniline	9.72	138	148282	29.191	nq	99
53) 2,4-Dinitrophenol	9.83	184	31118	26.699	nq #	21
54) Dibenzofuran	9.96	168	805447	35.389	nq	98
55) 4-Nitrophenol	9.89	139	248631	65.678	nq	95
56) 2,4-Dinitrotoluene	9.95	165	190477	37.757	nq #	96
57) Fluorene	10.30	166	604671	38.432	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	144677	36.717	nq	97
59) Diethylphthalate	10.18	149	687285	34.289	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	264845	39.531	nq	98
61) 4-Nitroaniline	10.33	138	166462	34.530	nq	90
62) Azobenzene	10.46	77	672593	33.727	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	24927	16.390	nq	93
65) n-Nitrosodiphenylamine	10.42	169	553413	39.165	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	158712	39.828	nq	96
67) Hexachlorobenzene	10.85	284	161457	37.113	nq	94
68) Atrazine	10.95	200	155800	38.153	nq	98
69) Pentachlorophenol	11.05	266	146644	55.279	nq	99
70) Phenanthrene	11.27	178	786772	35.694	nq	98
71) Anthracene	11.32	178	800681	35.817	nq	100
72) Carbazole	11.47	167	730077	33.227	nq	100
73) Di-n-butylphthalate	11.80	149	969585	35.967	nq	99
74) Fluoranthene	12.45	202	731586	33.734	nq	98
76) Benzidine	12.58	184	463880	36.680	nq	97
77) Pyrene	12.68	202	755397	32.630	nq	99
79) Butylbenzylphthalate	13.30	149	344295	32.407	nq	99
80) Benzo(a)anthracene	13.87	228	620532	37.136	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	227989	36.849	nq	98
82) Chrysene	13.90	228	612498	35.153	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	444358	36.460	nq	98
84) Di-n-octyl phthalate	14.47	149	792390	39.180	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	444577	35.057	nq	98
87) Benzo(b)fluoranthene	14.89	252	629607	41.463	nq	98
88) Benzo(k)fluoranthene	14.92	252	494076	33.729	nq	98
89) Benzo(a)pyrene	15.24	252	516824	37.823	nq #	96
90) Dibenzo(a,h)anthracene	16.70	278	368233	33.769	nq	100
91) Benzo(g,h,i)perylene	17.10	276	362468	32.999	nq	96

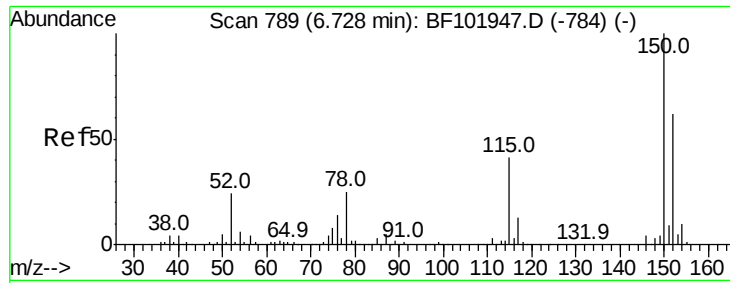
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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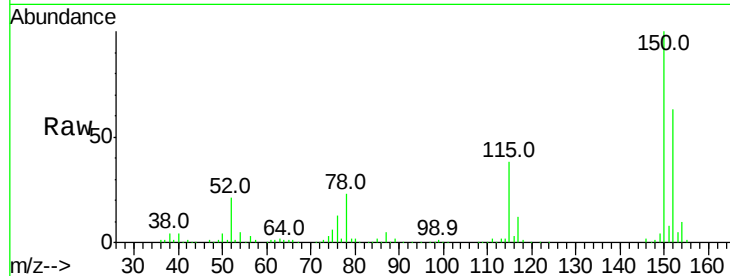


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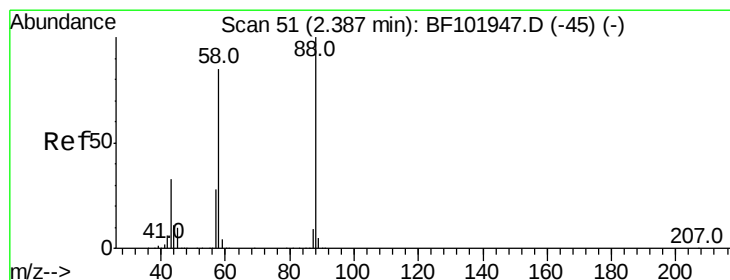
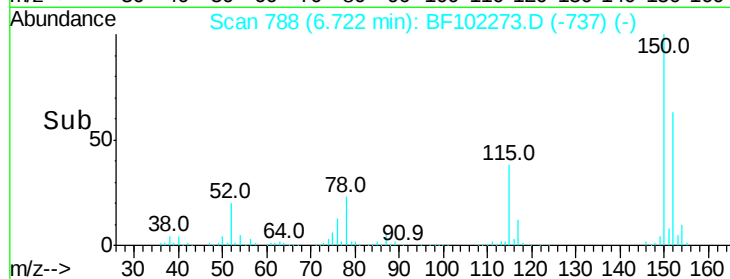
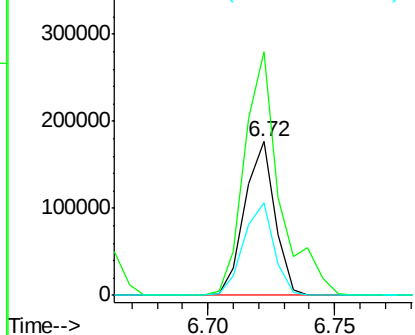
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146323
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.3 50.1 75.1



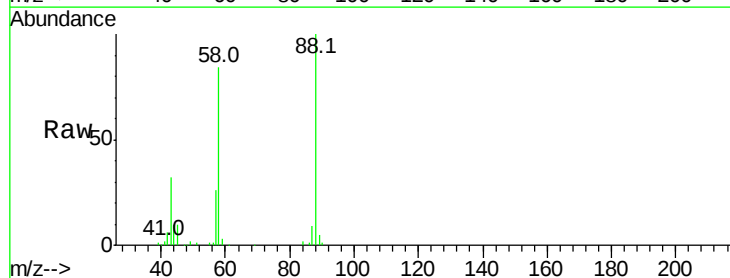
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



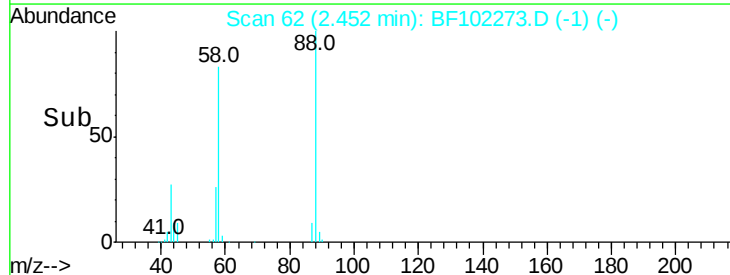
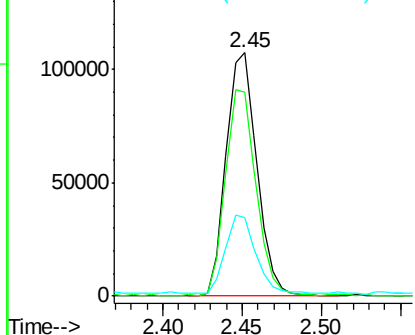
#2

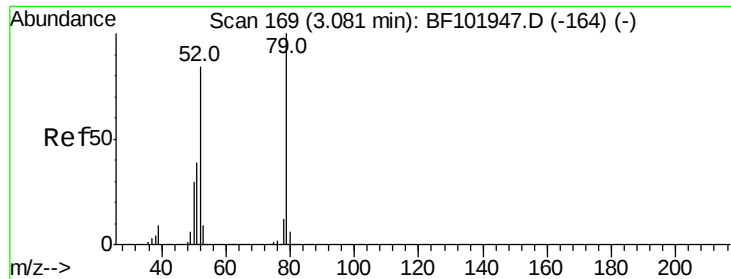
1,4-Dioxane
Concen: 28.010 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.06 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion: 88 Resp: 144846
Ion Ratio Lower Upper
88 100
58 85.7 62.6 93.8
43 31.6 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: 27.012 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.06 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

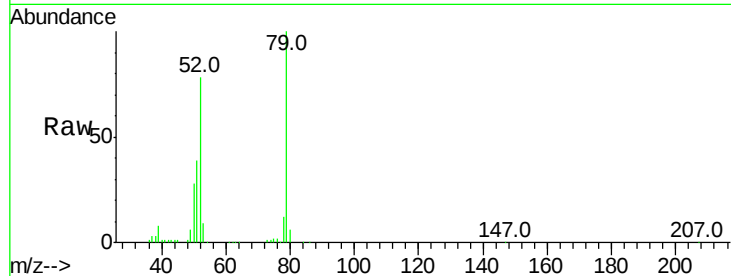
Tot Ion: 79 Resp: 381467

Ion Ratio Lower Upper

79 100

52 78.2 59.8 89.6

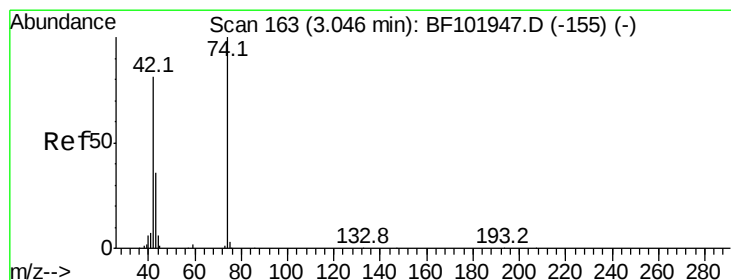
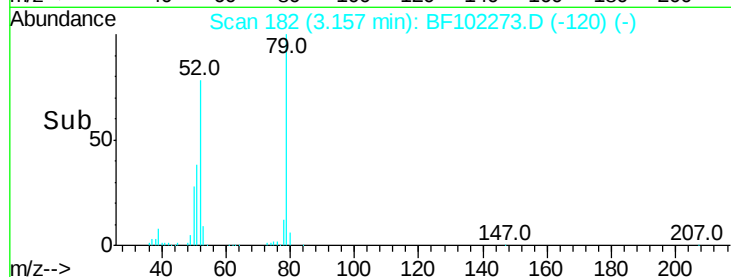
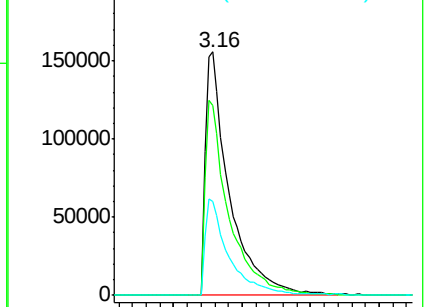
51 38.7 29.8 44.8



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: 33.978 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.05 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

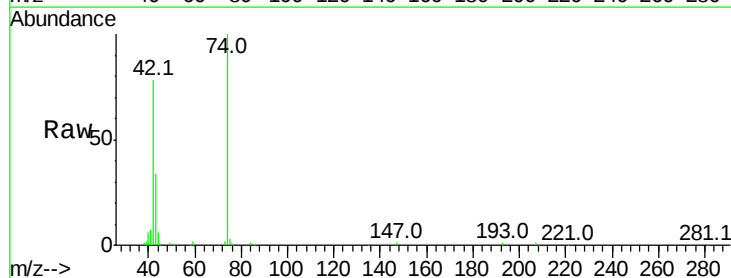
Tgt Ion: 42 Resp: 200937

Ion Ratio Lower Upper

42 100

74 128.6 104.9 157.3

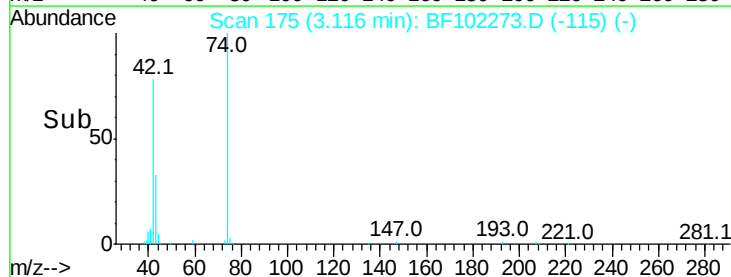
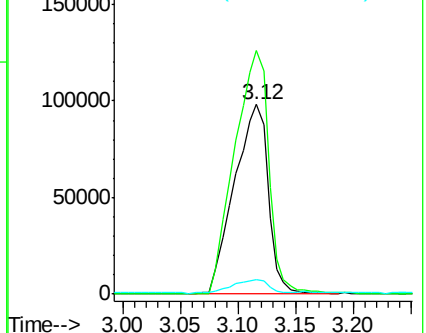
44 8.0 6.9 10.3

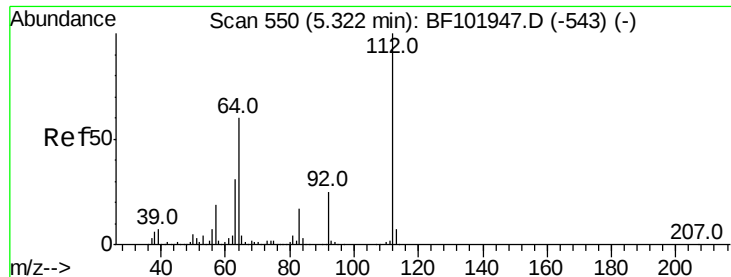


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 94.916 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

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ClientSampleId :

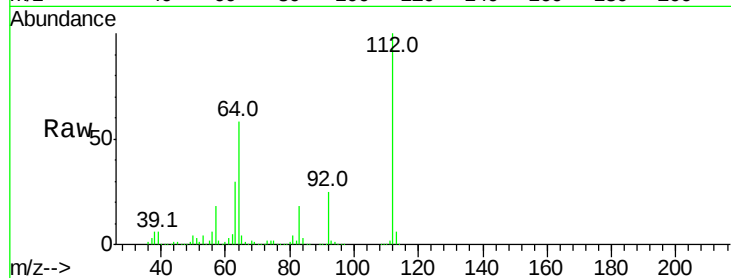
Tot Ion:112 Resp: 983544

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

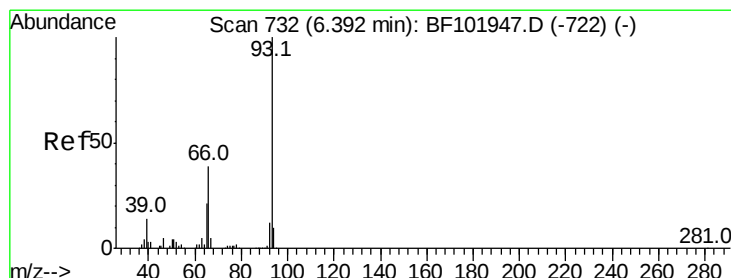
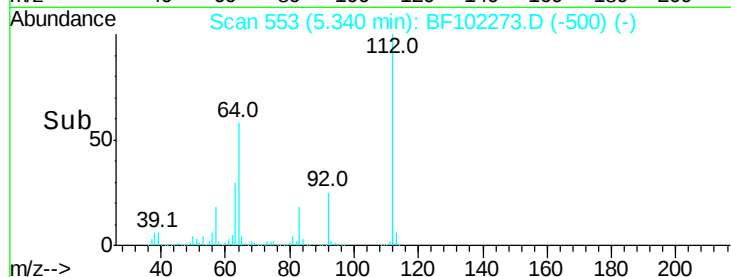
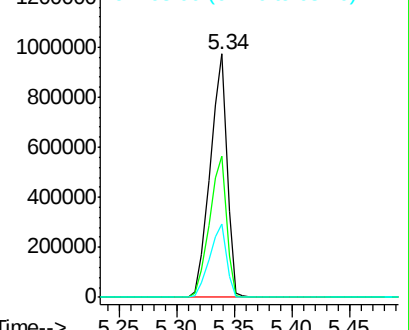
63 30.4 23.7 35.5



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: 22.954 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

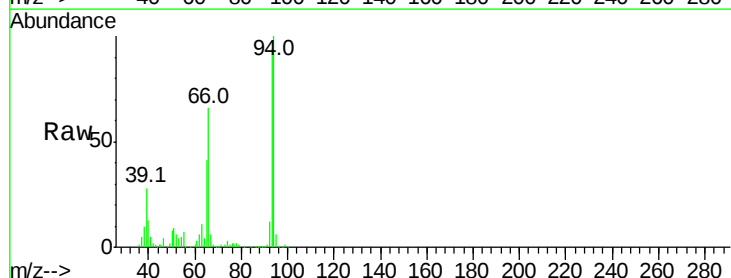
Tgt Ion: 93 Resp: 399930

Ion Ratio Lower Upper

93 100

66 70.7 32.2 48.2#

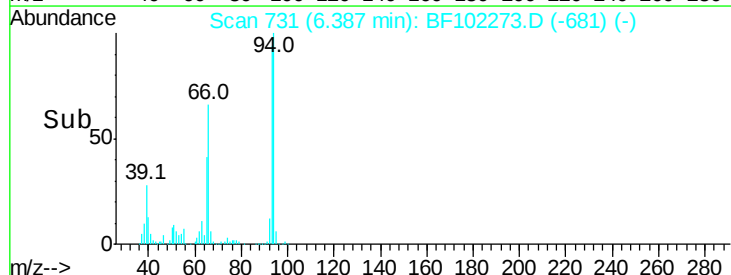
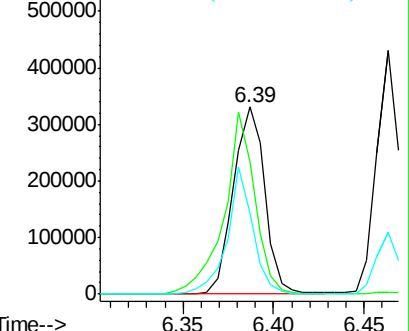
65 43.4 16.4 24.6#

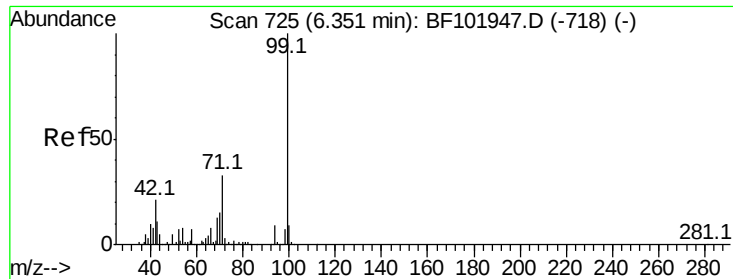


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.137 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

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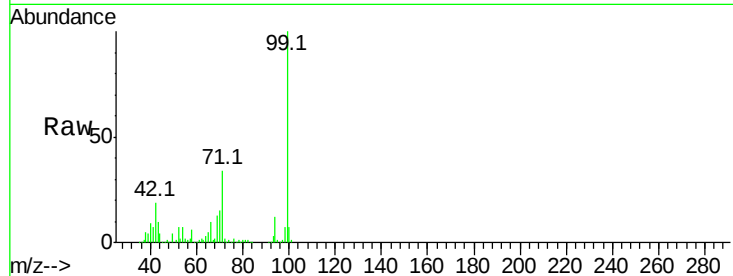
Tot Ion: 99 Resp: 1200919

Ion Ratio Lower Upper

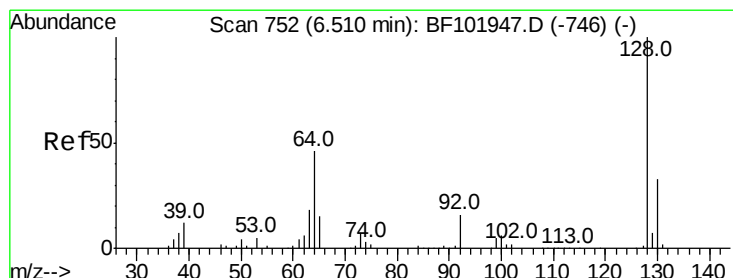
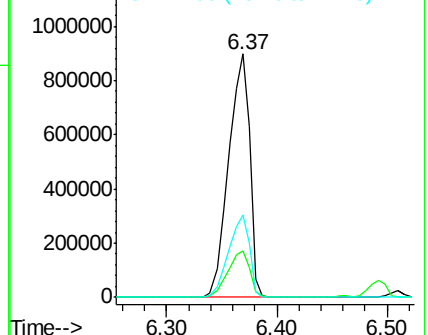
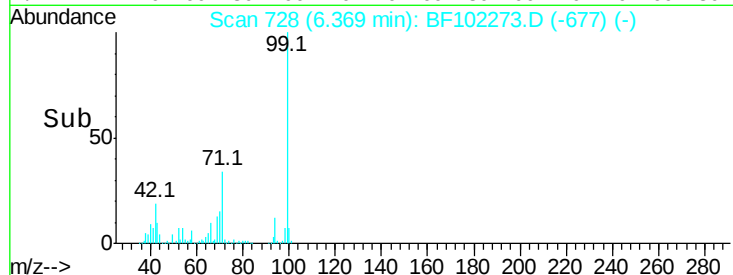
99 100

42 18.9 14.5 21.7

71 34.0 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: 36.571 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

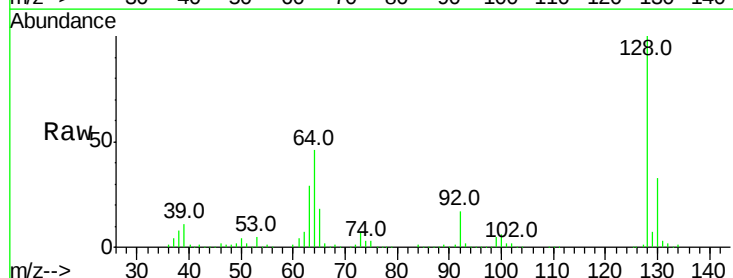
Tgt Ion: 128 Resp: 380070

Ion Ratio Lower Upper

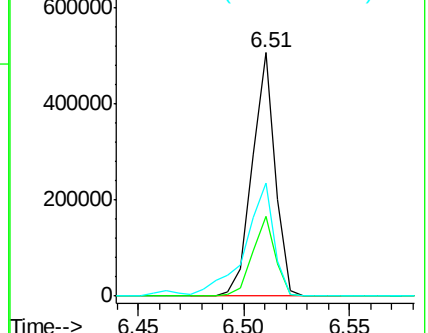
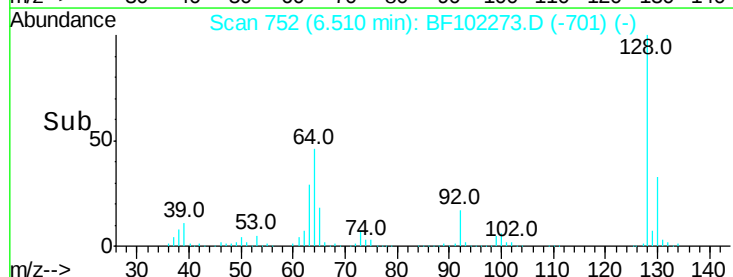
128 100

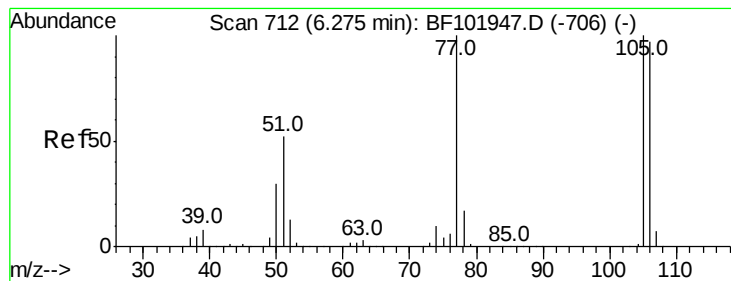
130 32.9 13.0 53.0

64 46.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 28.823 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

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Acq: 20 Jan 2018 18:35

Instrument :

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ClientSampled :

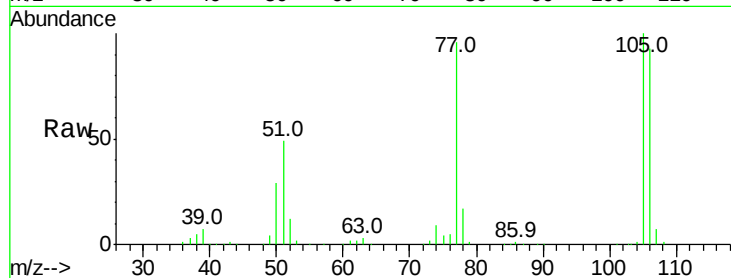
Tot Ion: 77 Resp: 247429

Ion Ratio Lower Upper

77 100

105 104.3 81.1 121.1

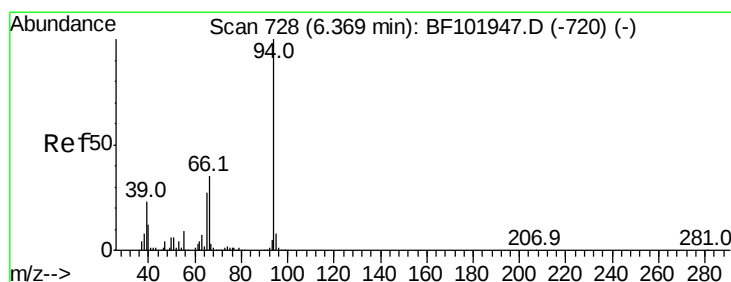
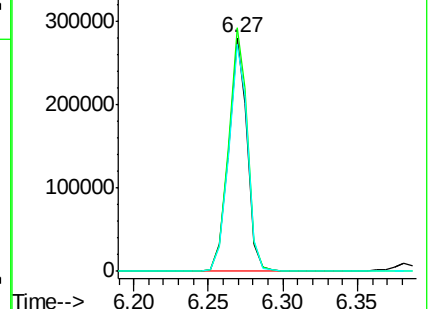
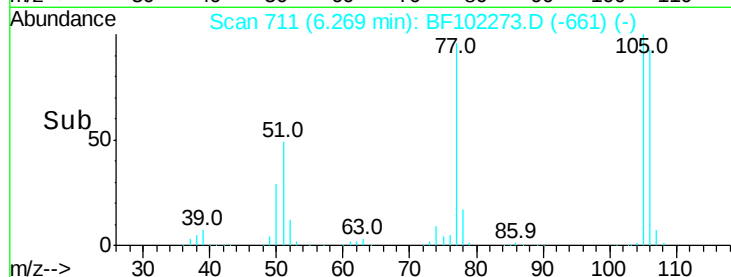
106 97.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.757 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

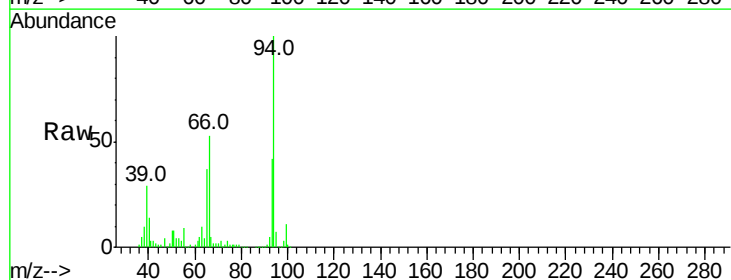
Tgt Ion: 94 Resp: 499587

Ion Ratio Lower Upper

94 100

65 36.9 7.9 47.9

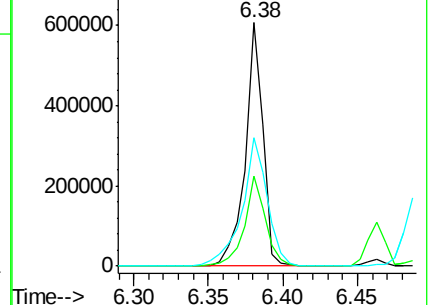
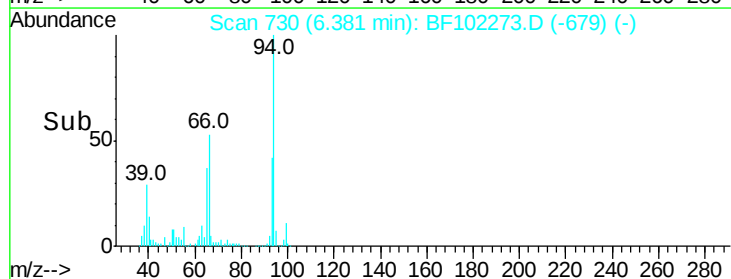
66 52.9 16.2 56.2

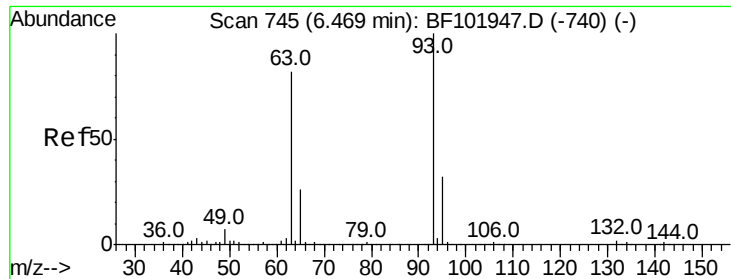


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.556 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampled :

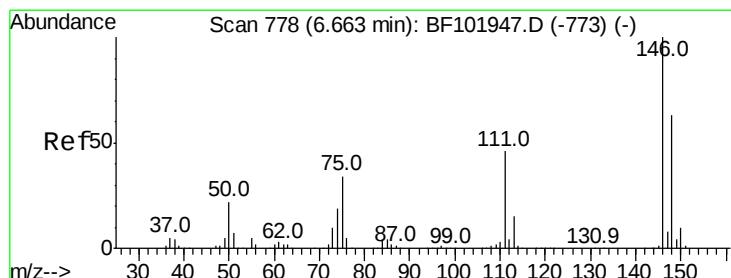
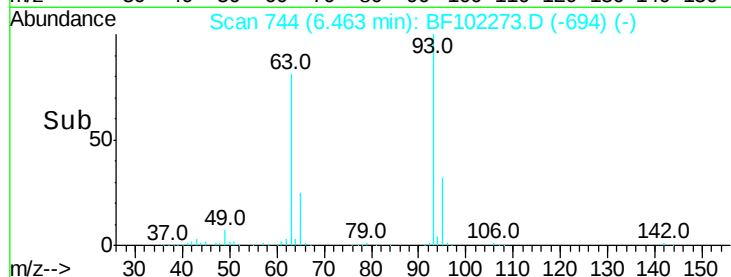
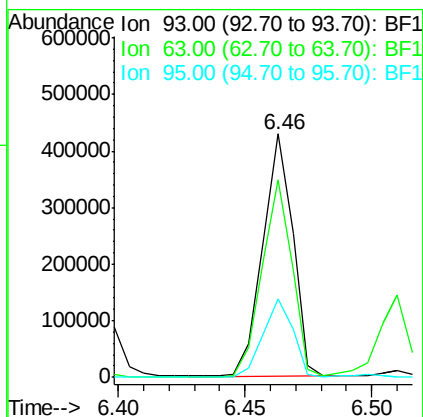
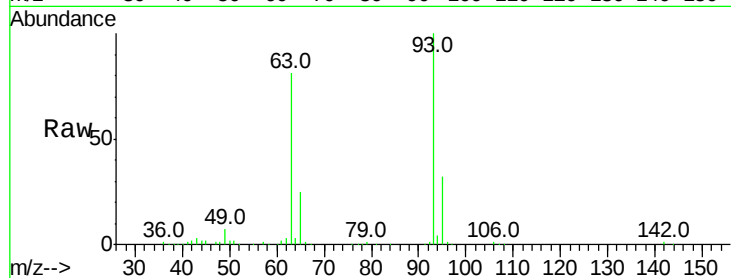
Tot Ion: 93 Resp: 356856

Ion Ratio Lower Upper

93 100

63 81.0 58.6 98.6

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.186 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

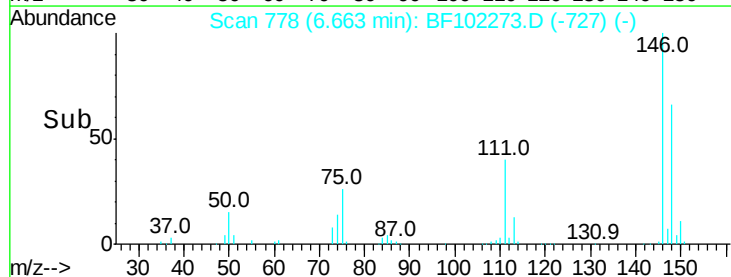
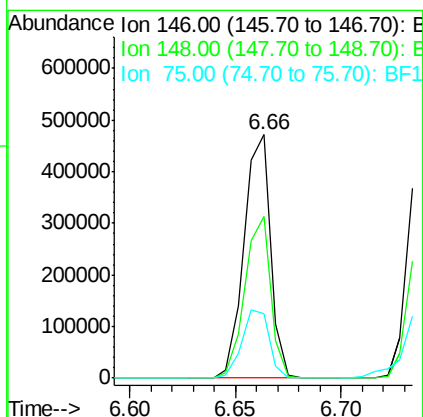
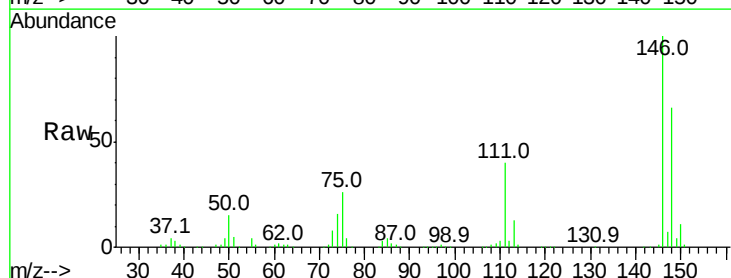
Tgt Ion:146 Resp: 409557

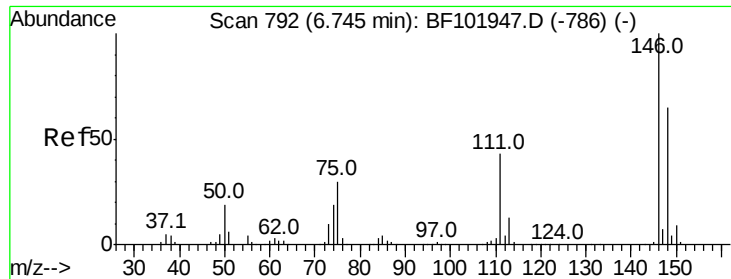
Ion Ratio Lower Upper

146 100

148 66.5 51.8 77.8

75 26.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.634 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

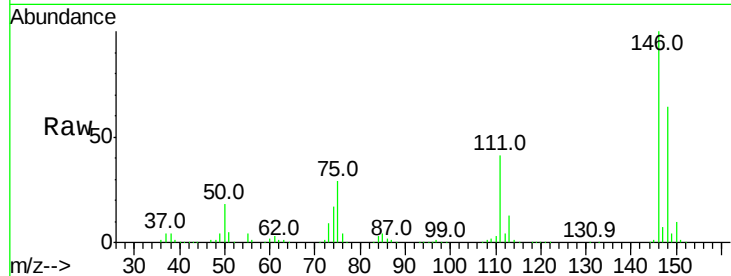
Tot Ion:146 Resp: 414034

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

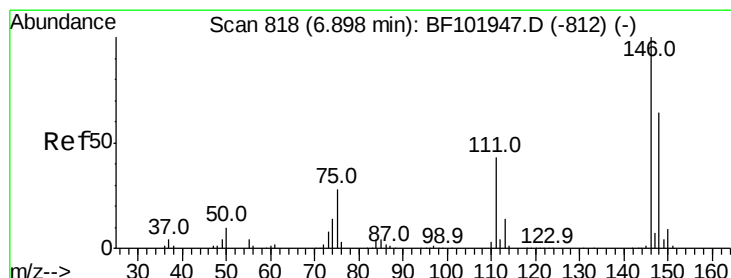
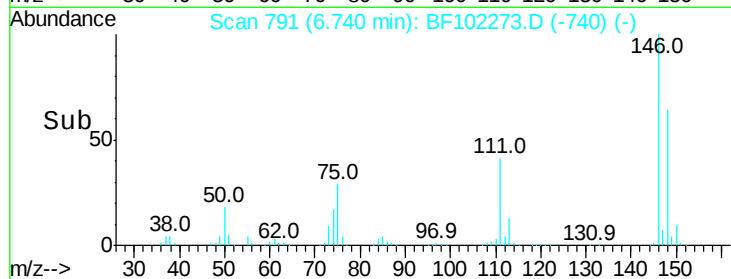
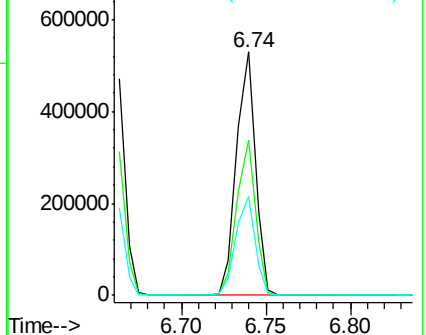
111 40.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.393 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

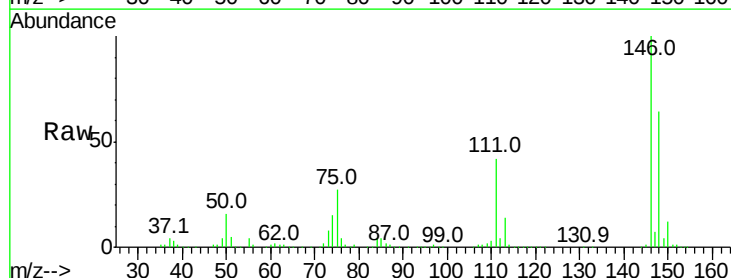
Tgt Ion:146 Resp: 391612

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

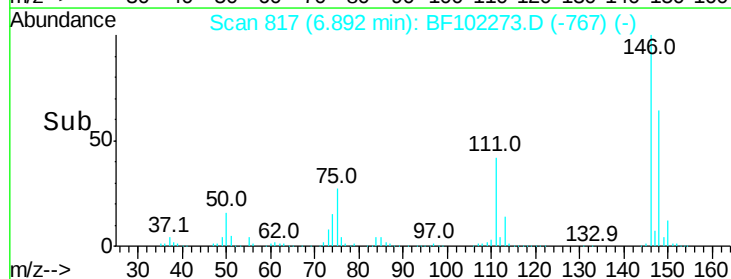
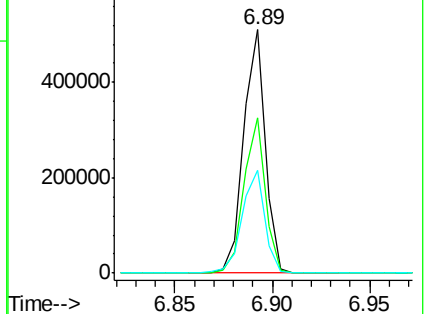
111 42.2 36.0 54.0

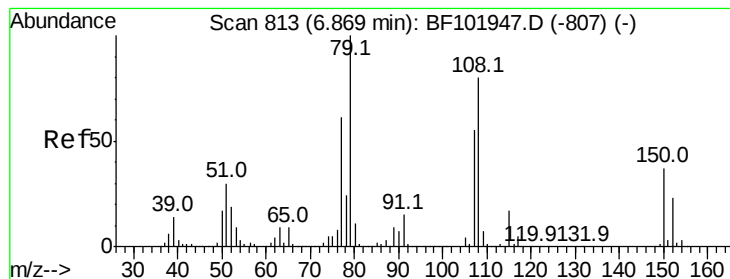


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.075 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampled :

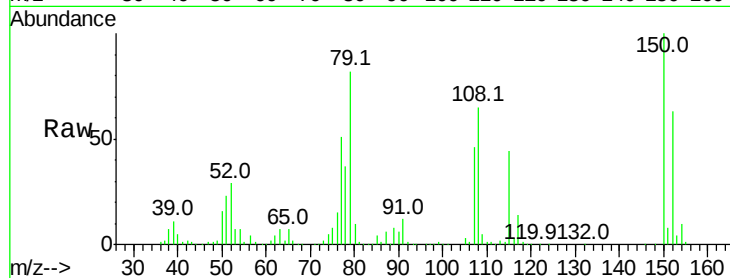
Tot Ion: 79 Resp: 308157

Ion Ratio Lower Upper

79 100

108 79.4 65.1 97.7

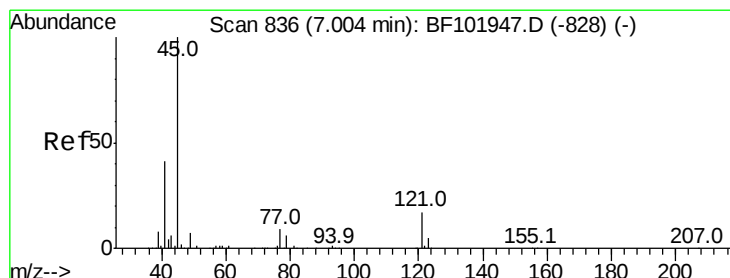
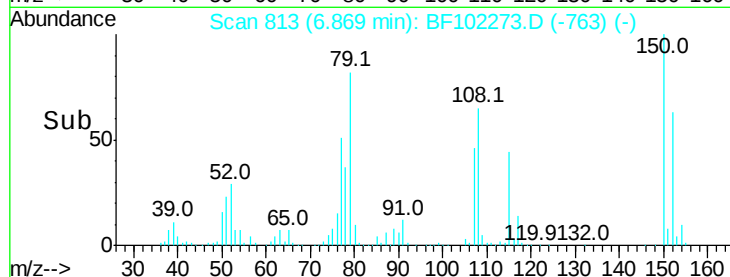
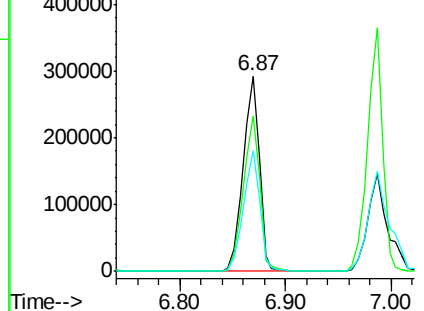
77 62.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.178 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

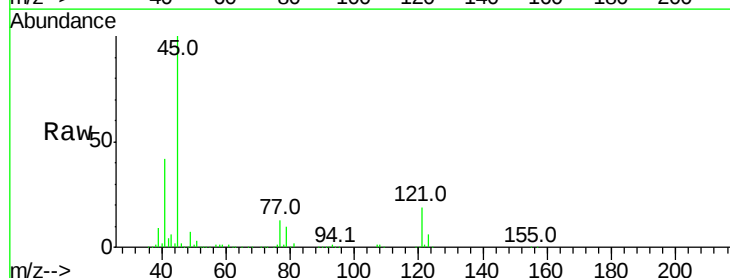
Tgt Ion: 45 Resp: 571994

Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.9

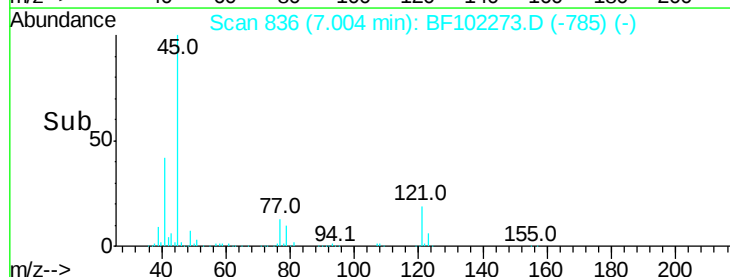
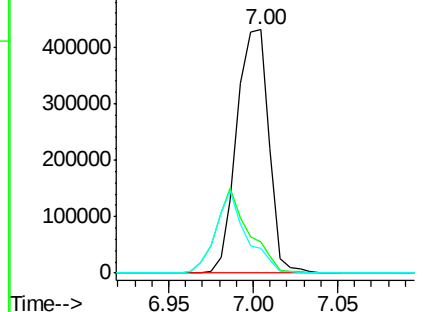
79 10.2 0.0 29.6

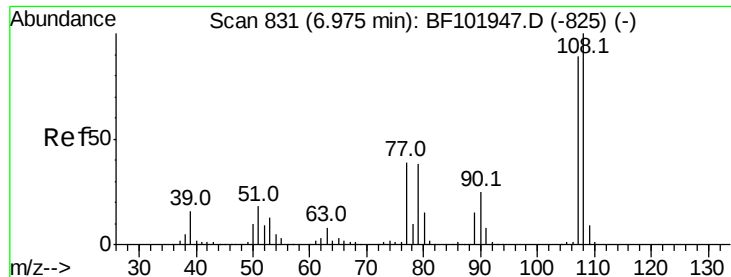


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

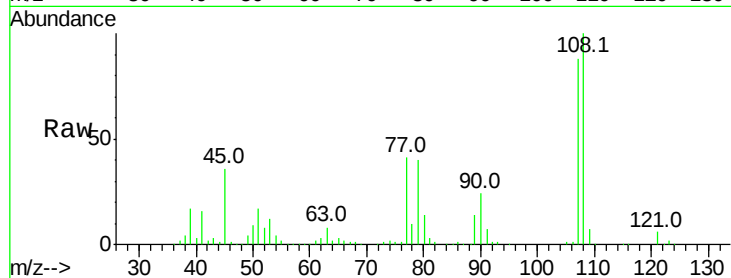




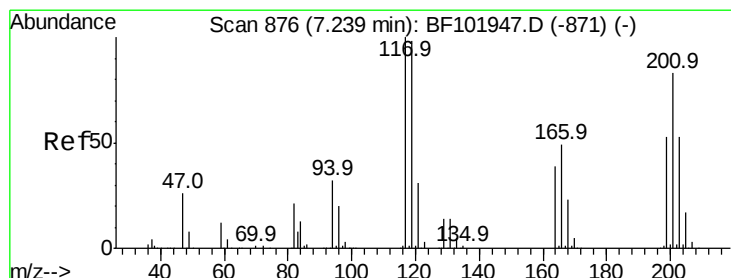
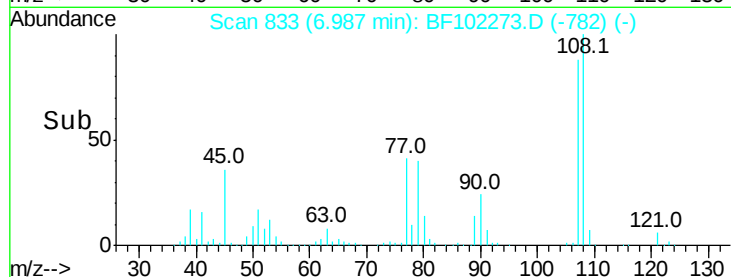
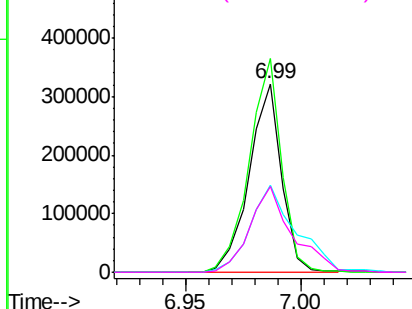
#17
2-Methylphenol
Concen: 33.693 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 315879
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 46.4 33.8 50.8
79 45.2 33.8 50.8

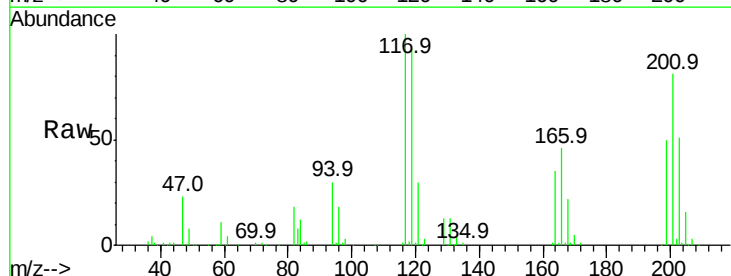


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

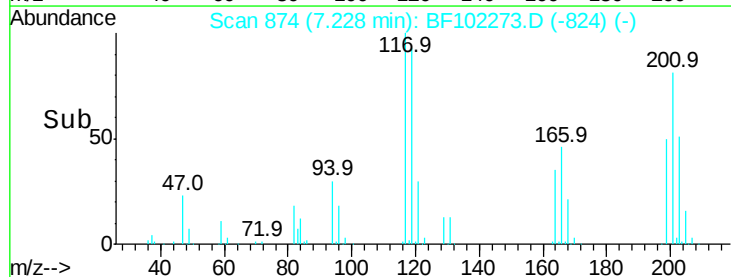
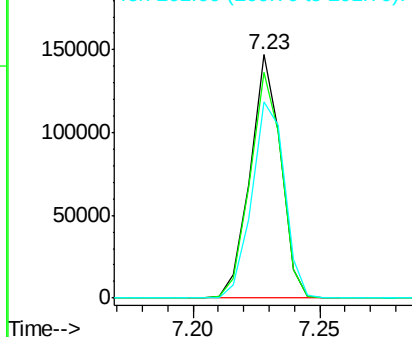


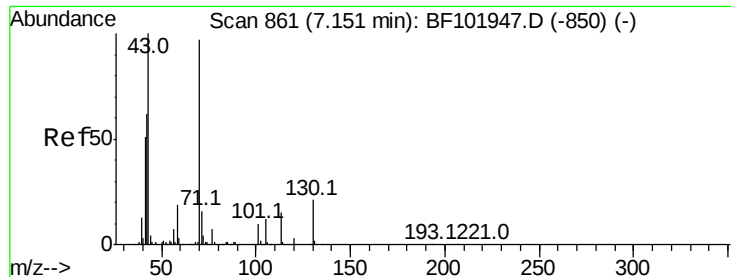
#18
Hexachloroethane
Concen: 29.380 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:117 Resp: 123682
Ion Ratio Lower Upper
117 100
119 92.6 75.8 113.8
201 80.7 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

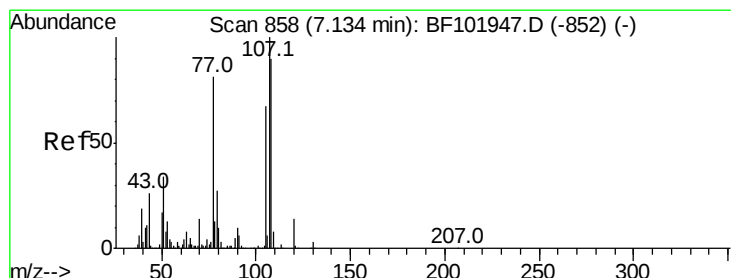
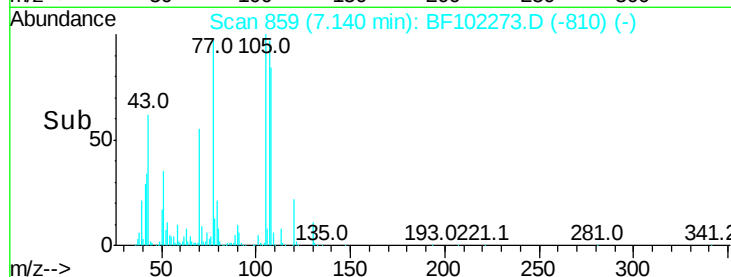
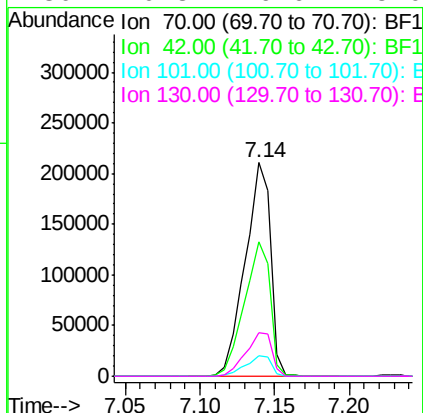
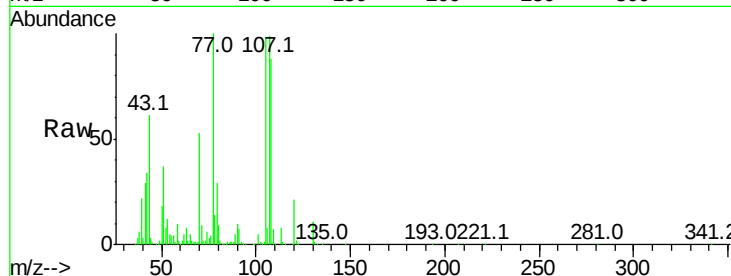




#19
n-Nitroso-di-n-propylamine
Concen: 30.612 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

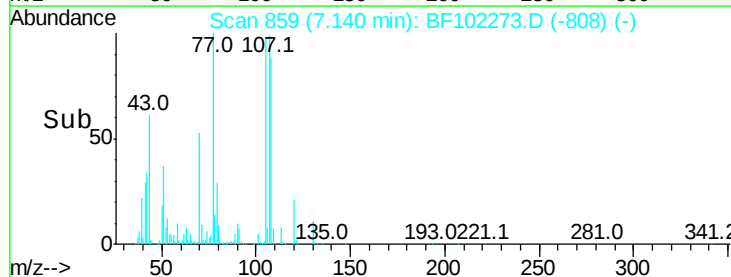
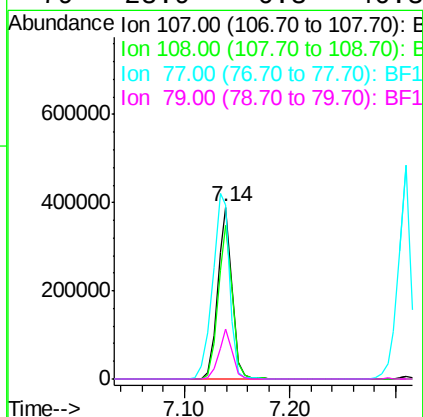
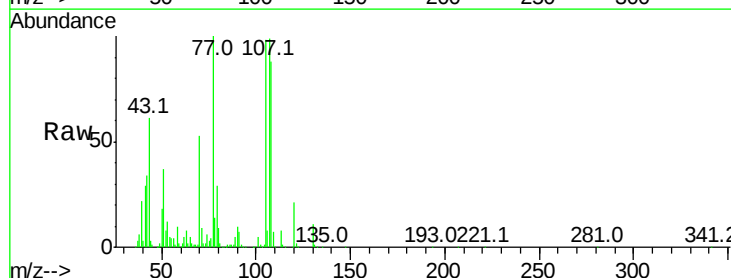
Instrument :
BNA_F
ClientSampleId :

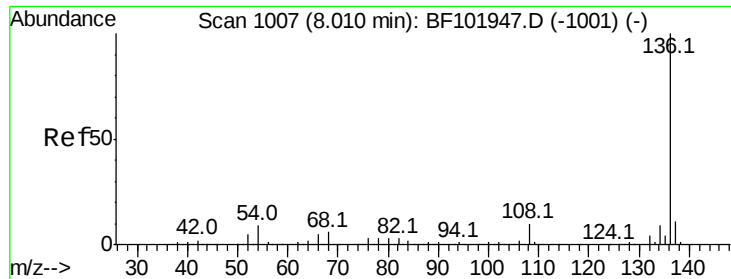
Tot Ion: 70 Resp: 248016
Ion Ratio Lower Upper
70 100
42 63.1 47.5 71.3
101 9.4 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.220 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion: 107 Resp: 373946
Ion Ratio Lower Upper
107 100
108 89.2 68.2 108.2
77 101.2 26.7 66.7#
79 28.9 6.3 46.3

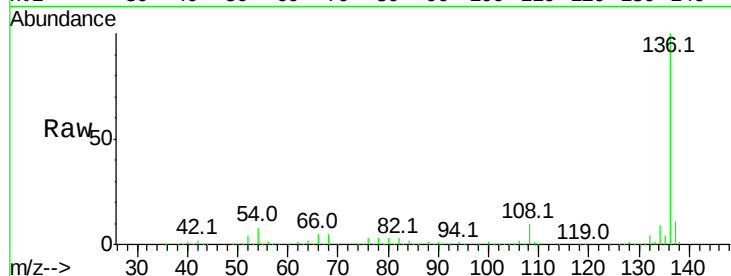




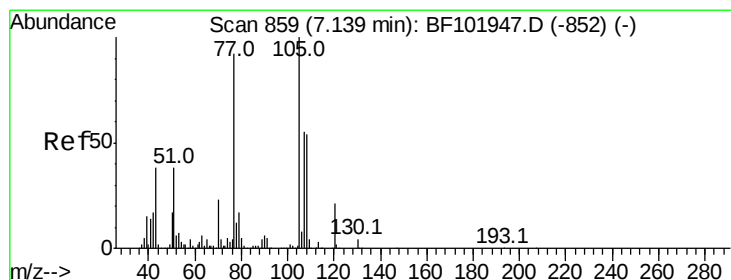
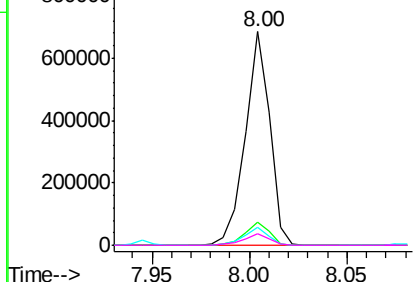
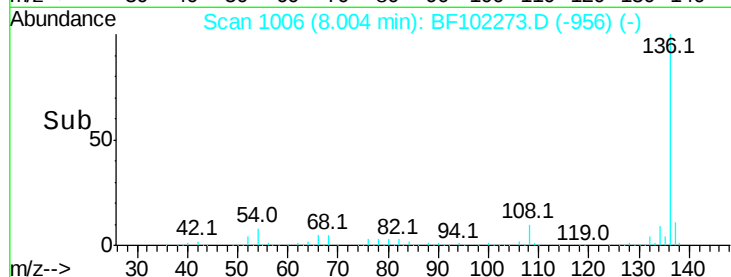
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	595162
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 8.3	6.6	9.8
68 5.4	5.0	7.4

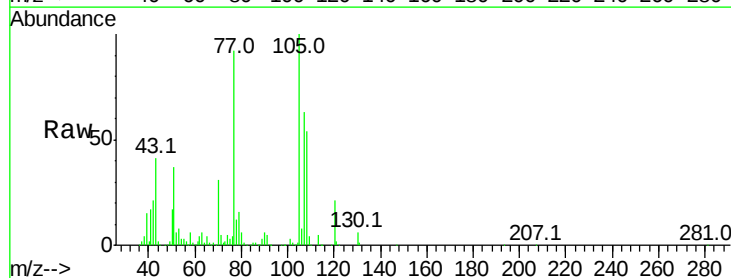


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

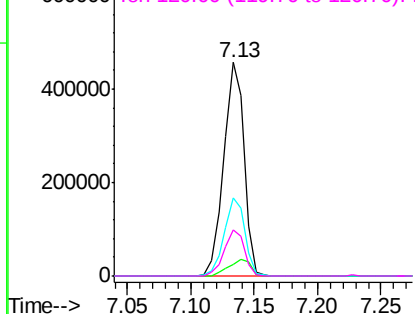
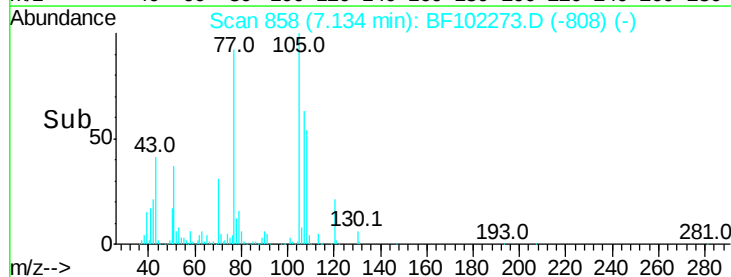


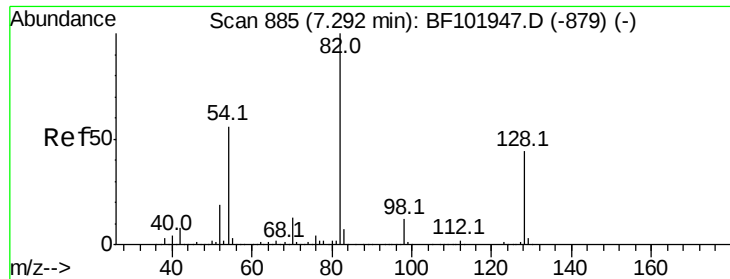
#22
Acetophenone
Concen: 35.419 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:105	Resp:	507903
Ion Ratio	Lower	Upper
105 100		
71 5.2	4.4	6.6
51 36.5	22.3	33.5#
120 21.4	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

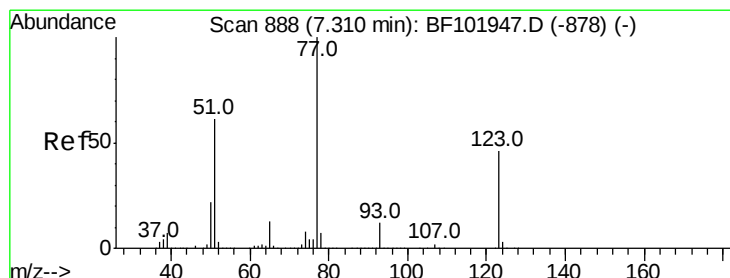
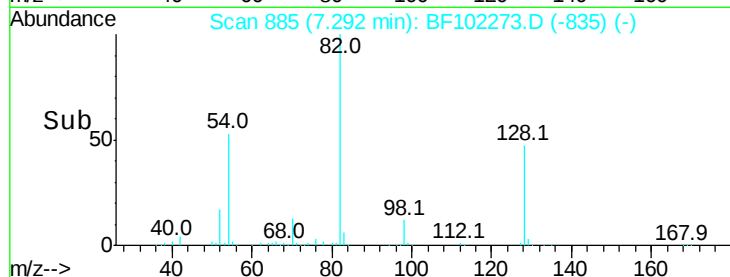
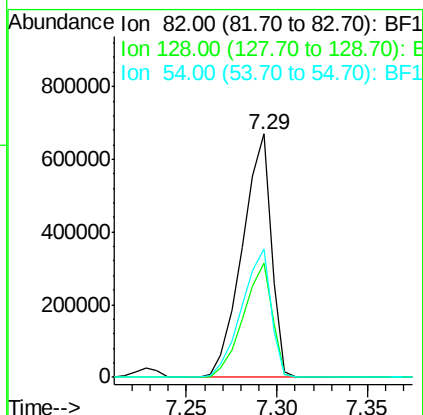
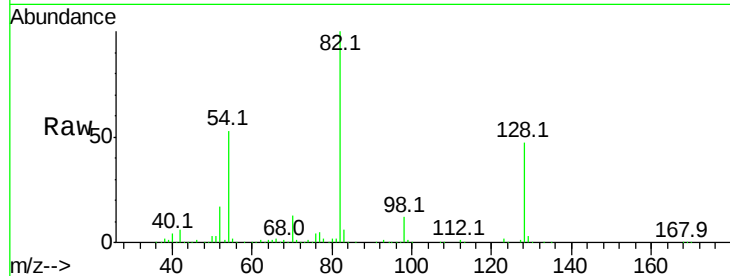




#23
 Nitrobenzene-d5
 Concen: 73.694 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

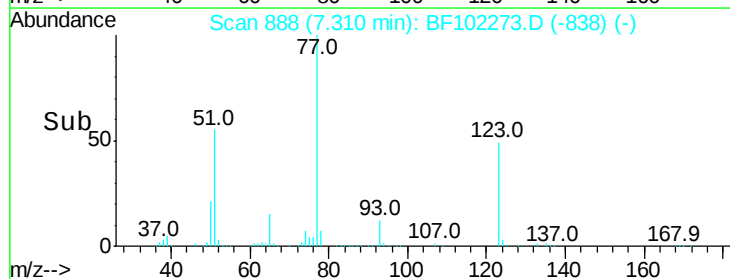
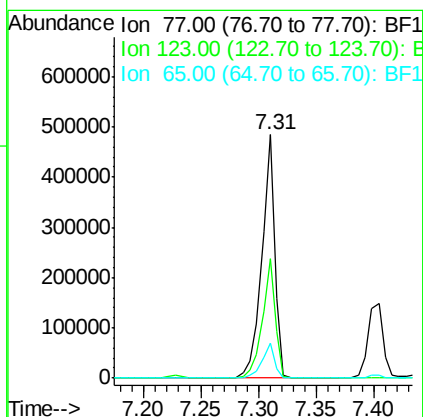
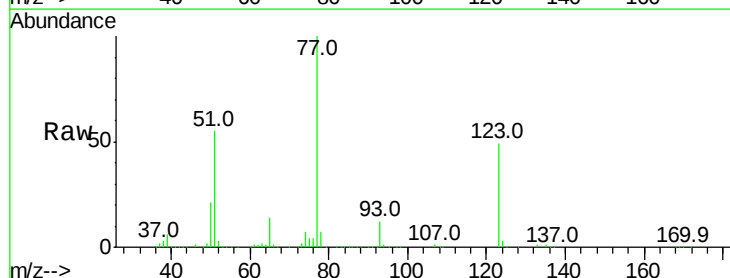
Instrument :
 BNA_F
 ClientSampled :

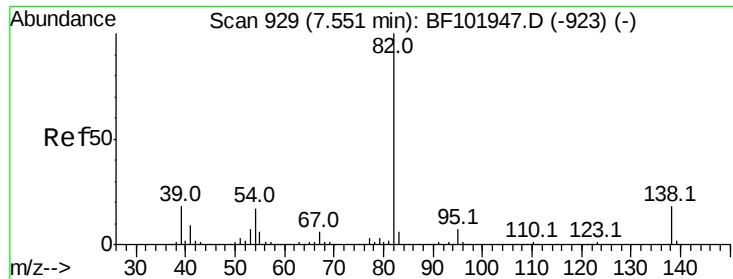
Tot Ion	82	Resp	746375
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	52.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 35.704 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	77	Resp	388566
Ion Ratio	Lower	Upper	
77	100		
123	49.0	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 34.661 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

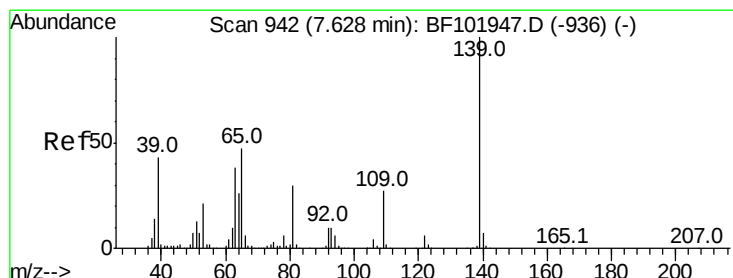
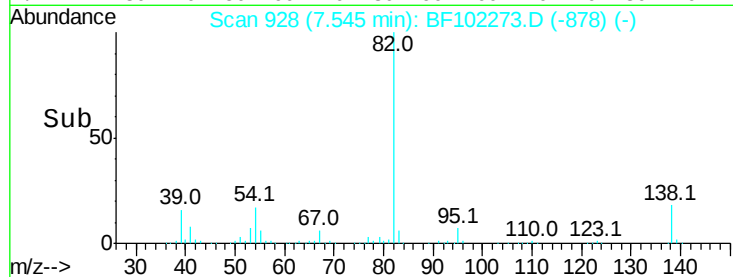
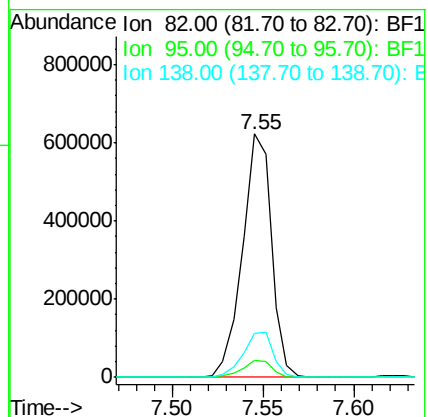
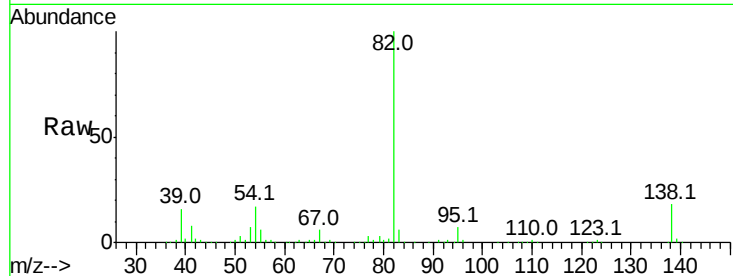
Tot Ion: 82 Resp: 693643

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 42.417 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

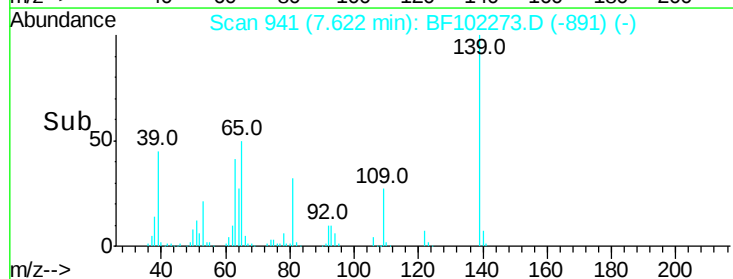
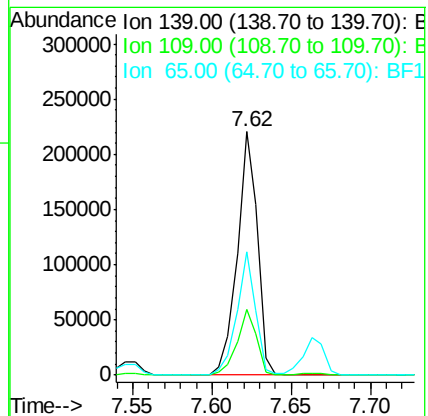
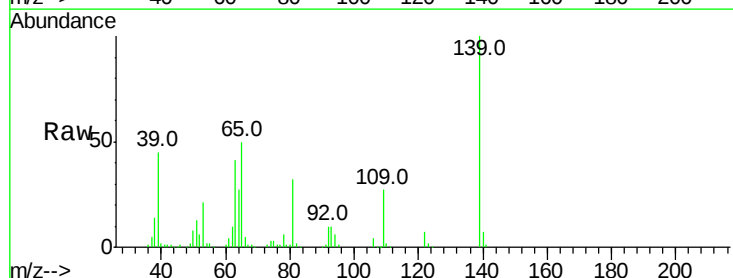
Tgt Ion: 139 Resp: 193211

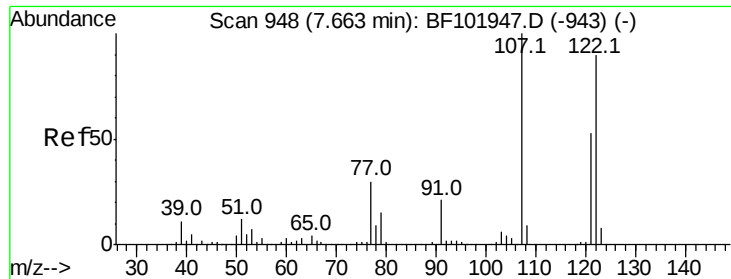
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 50.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.347 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

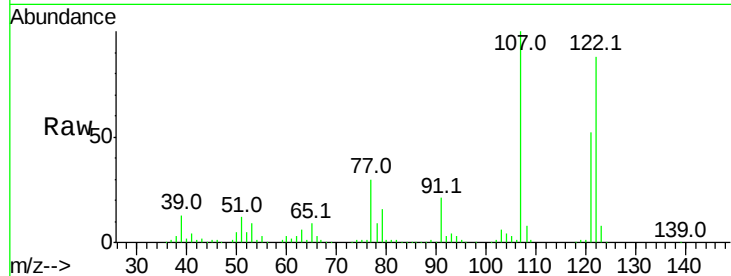
Tot Ion:122 Resp: 334727

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

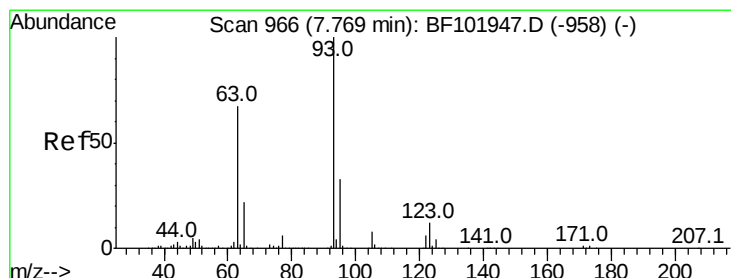
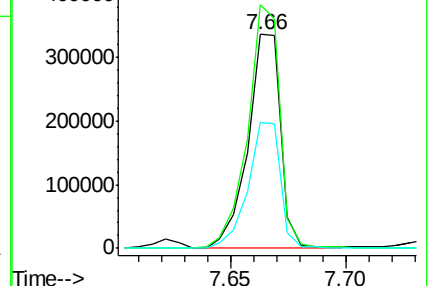
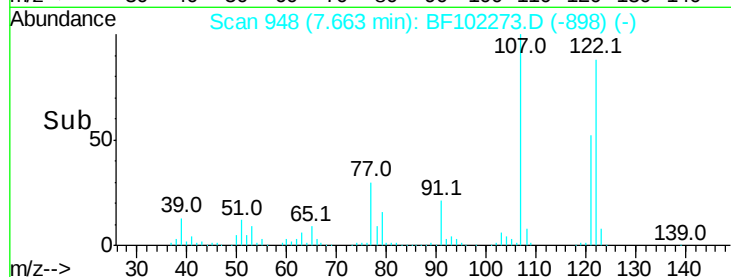
121 59.0 47.2 70.8



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: 36.301 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

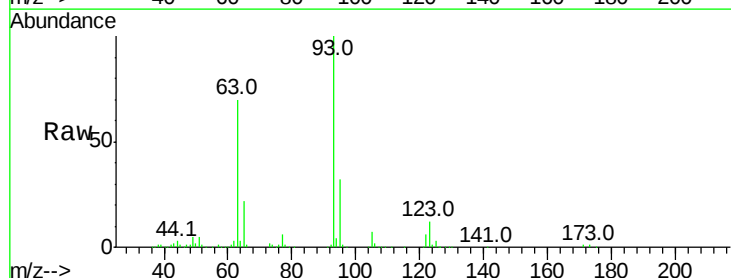
Tgt Ion: 93 Resp: 438640

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

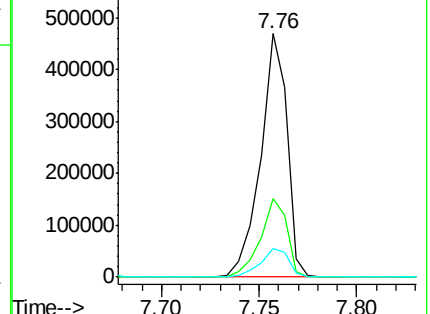
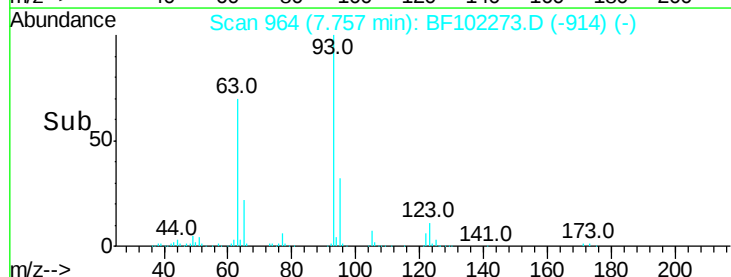
123 11.6 9.8 14.6

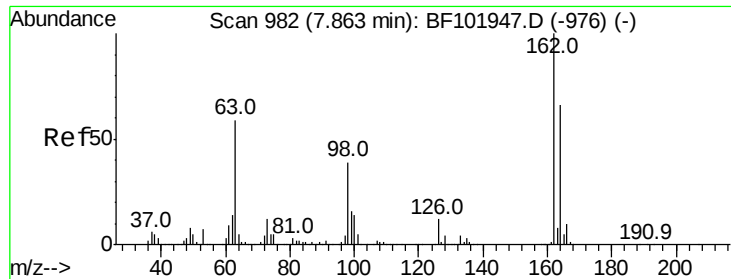


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

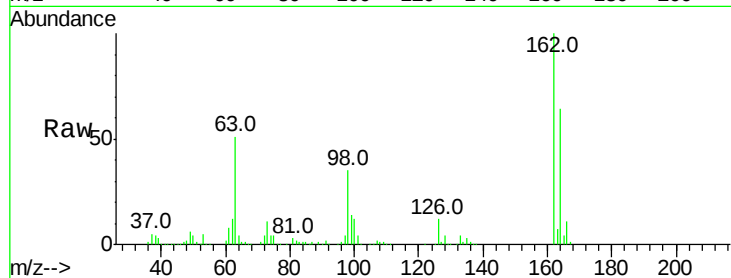




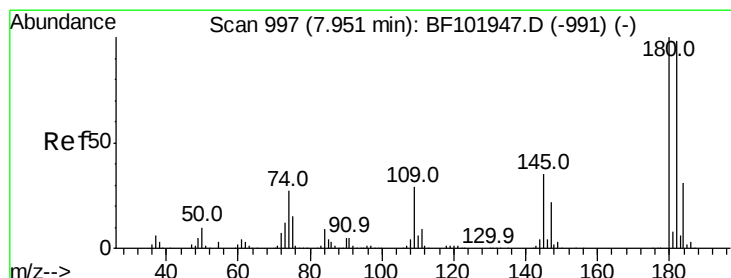
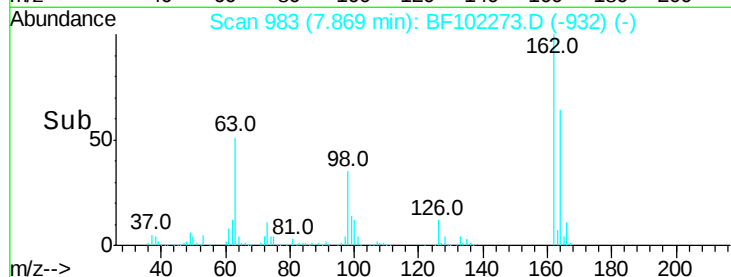
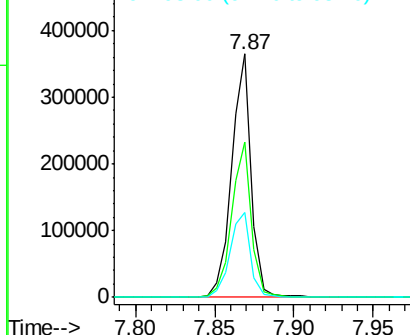
#29
2,4-Dichlorophenol
Concen: 38.541 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	35.1	18.1	58.1

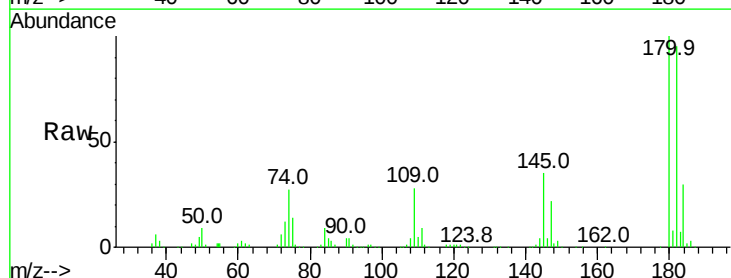


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

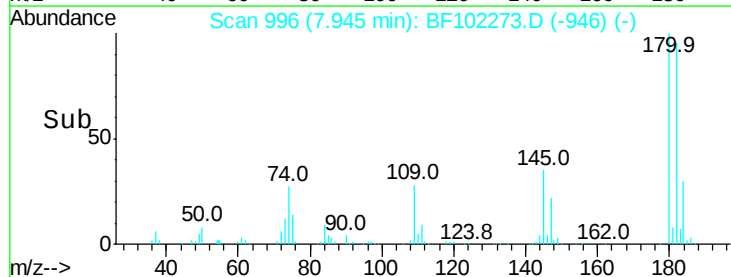
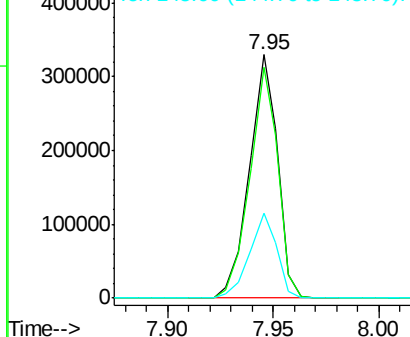


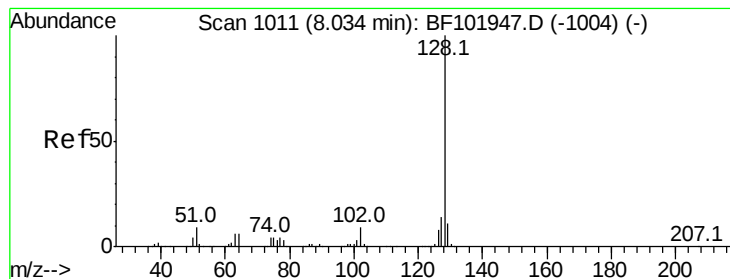
#30
1,2,4-Trichlorobenzene
Concen: 36.091 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	35.1	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: 35.700 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

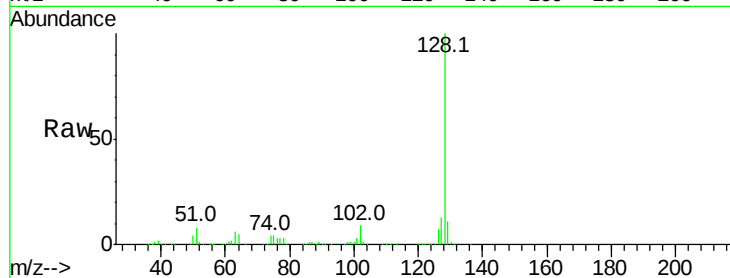
Tot Ion:128 Resp: 1061685

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

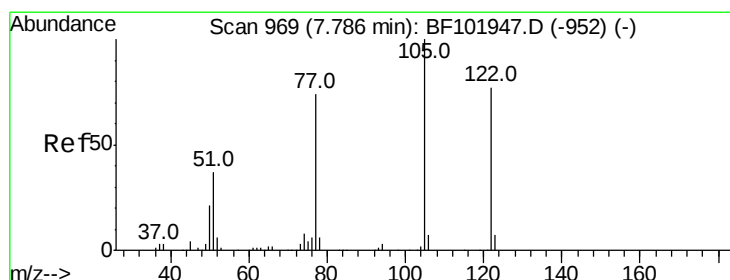
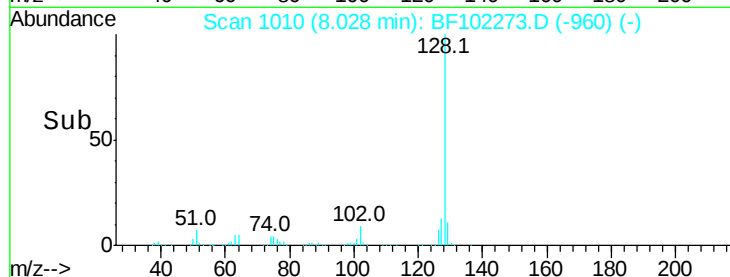
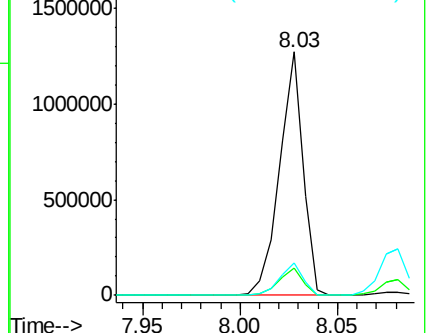
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.006 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

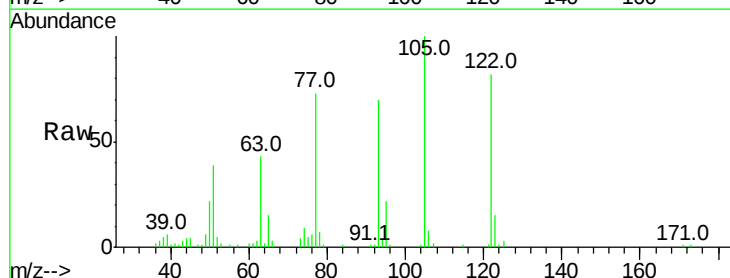
Tgt Ion:122 Resp: 83901

Ion Ratio Lower Upper

122 100

105 122.3 101.1 141.1

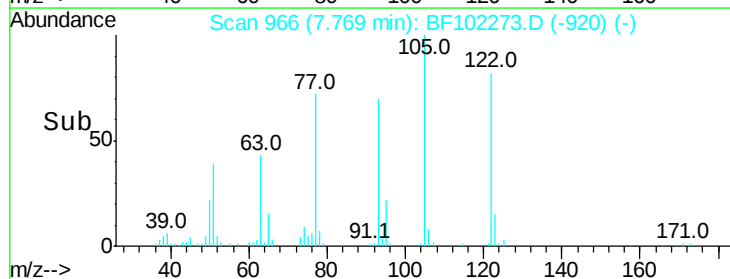
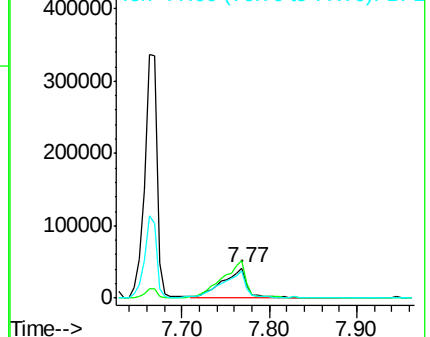
77 88.8 70.7 110.7

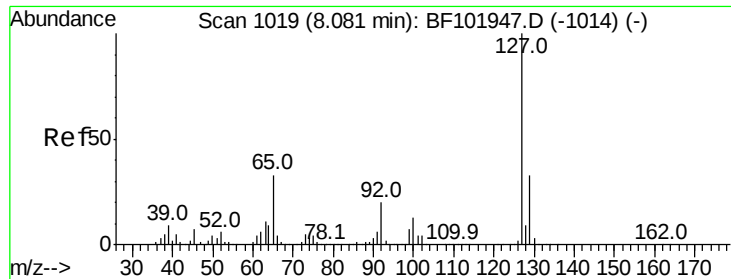


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

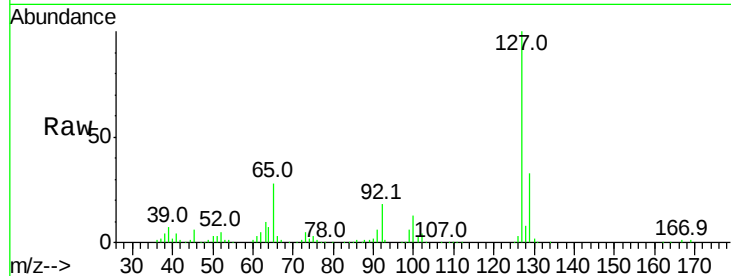




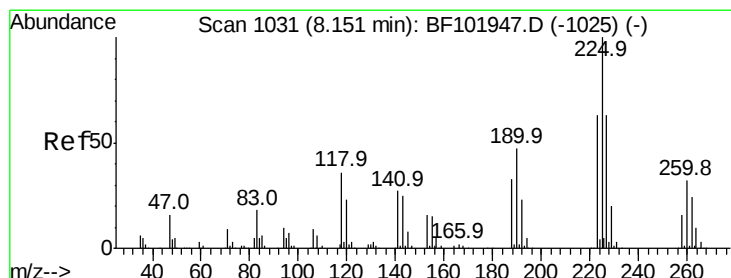
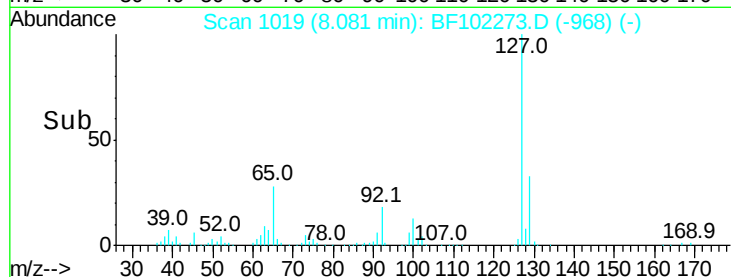
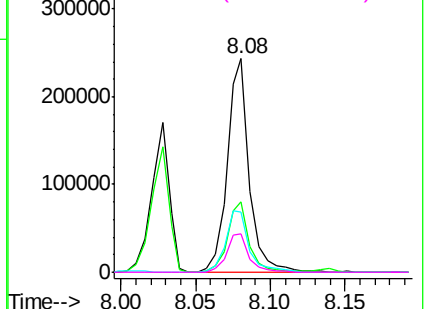
#33
4-Chloroaniline
Concen: 19.810 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	251449
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.3	25.0	37.4
92	18.1	15.2	22.8

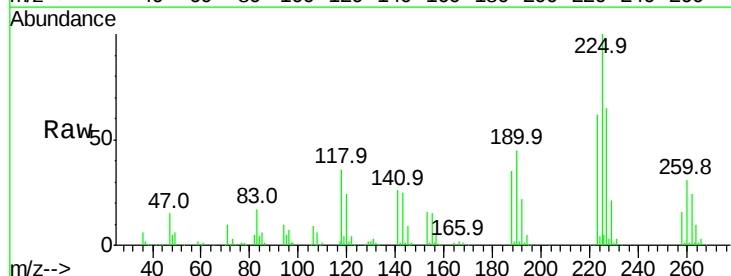


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

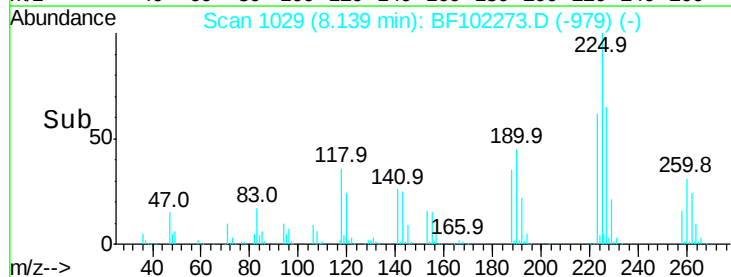
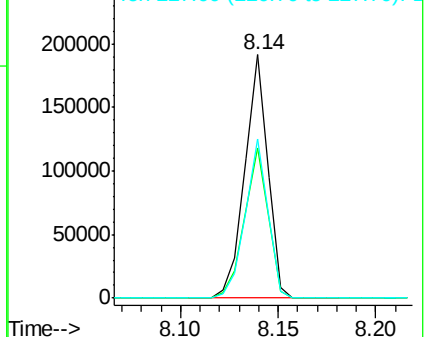


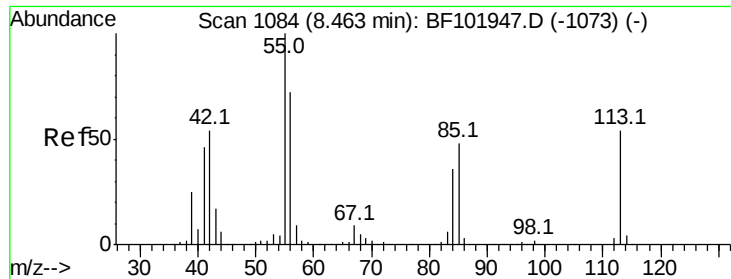
#34
Hexachlorobutadiene
Concen: 34.990 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:	225	Resp:	156488
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	65.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

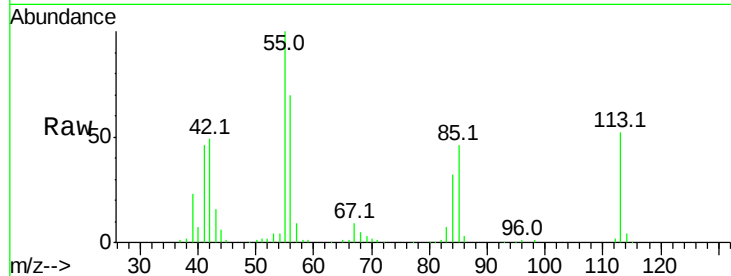




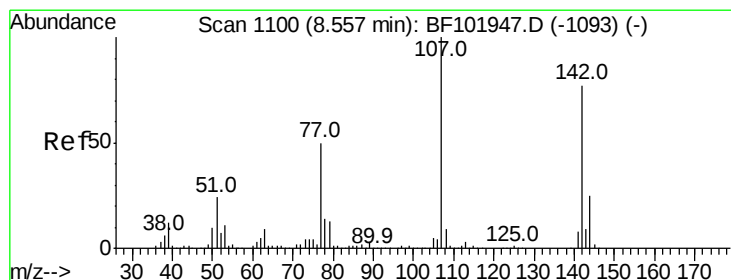
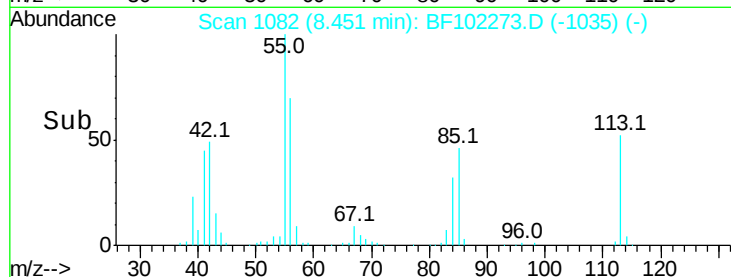
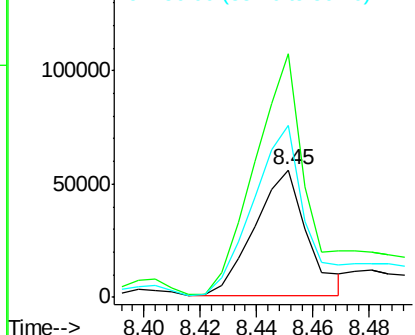
#35
 Caprolactam
 Concen: 25.787 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 71508
 Ion Ratio Lower Upper
 113 100
 55 191.3 163.3 203.3
 56 134.7 115.7 155.7

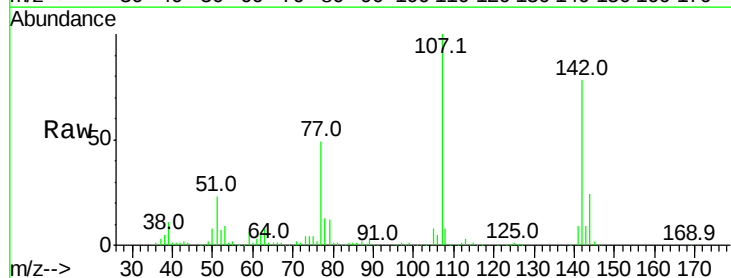


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

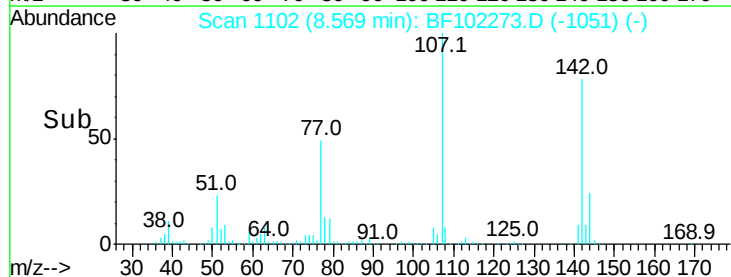
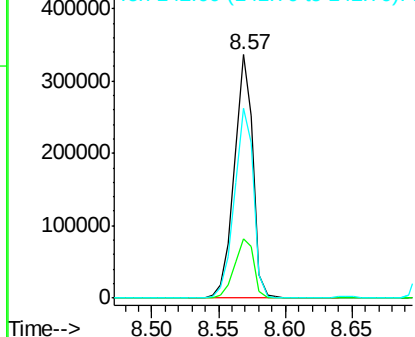


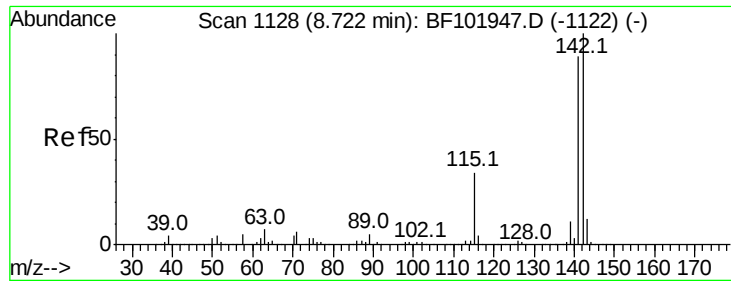
#36
 4-Chloro-3-methylphenol
 Concen: 37.276 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion:107 Resp: 329596
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 77.9 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

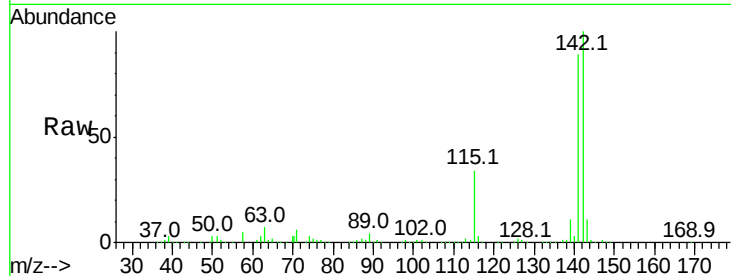




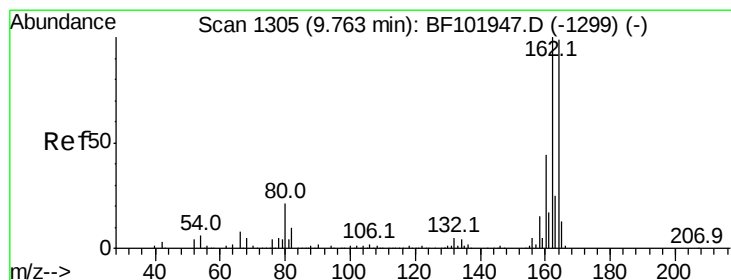
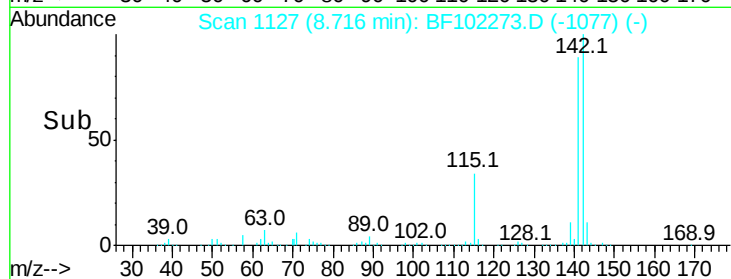
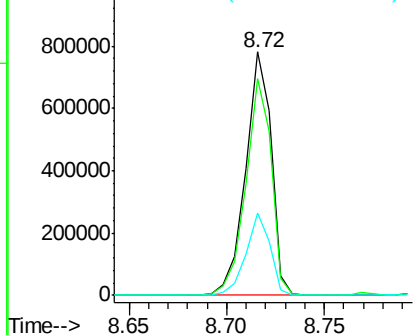
#37
2-Methylnaphthalene
Concen: 36.290 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 710486
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 33.6 26.1 39.1

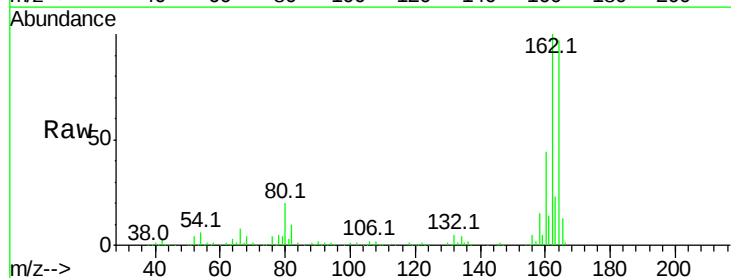


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

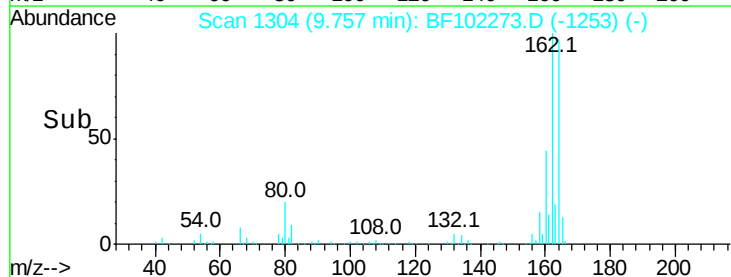
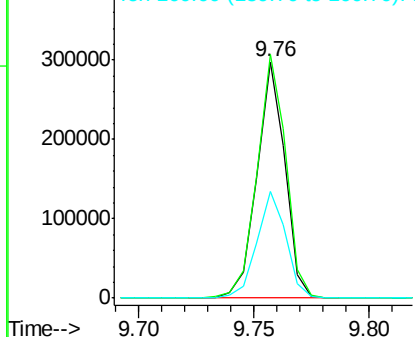


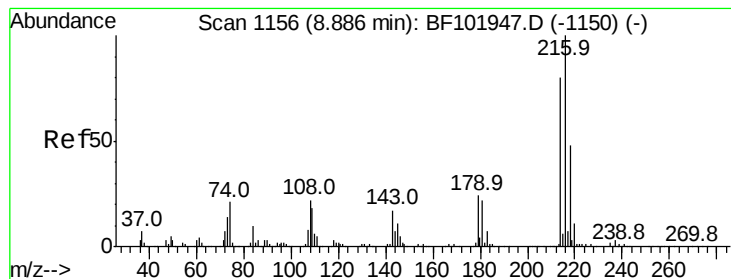
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:164 Resp: 251181
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.1 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.825 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 275896

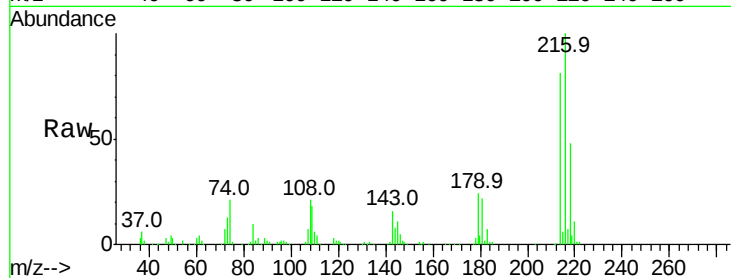
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 22.9 18.1 27.1

108 19.7 17.2 25.8

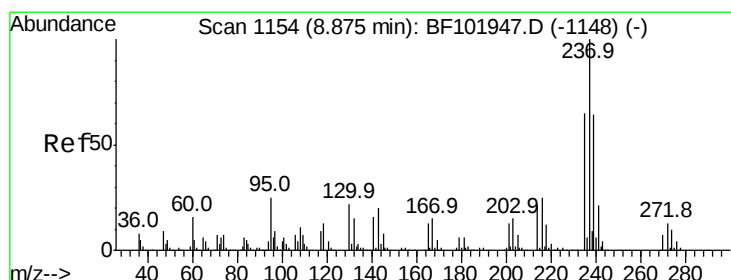
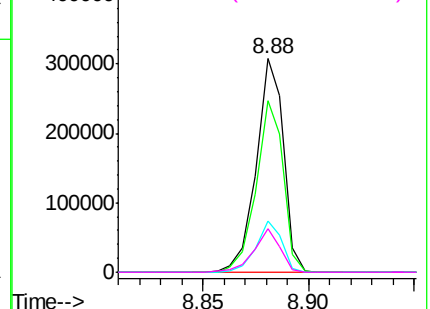
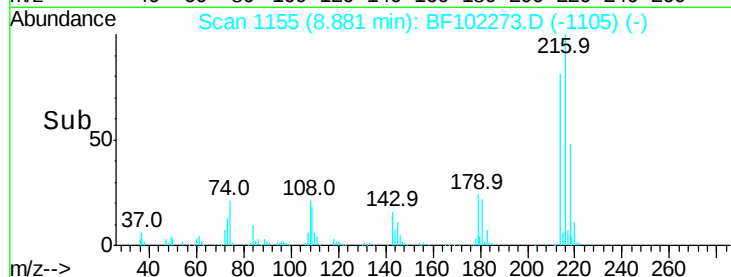


Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.387 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

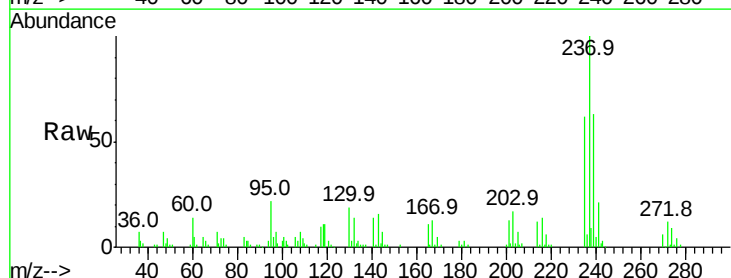
Tgt Ion:237 Resp: 59799

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

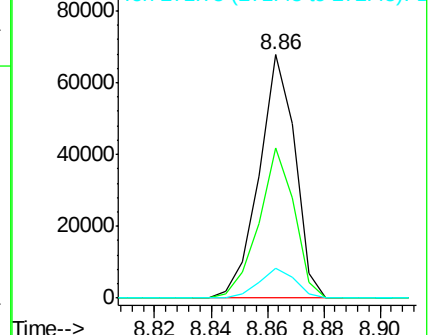
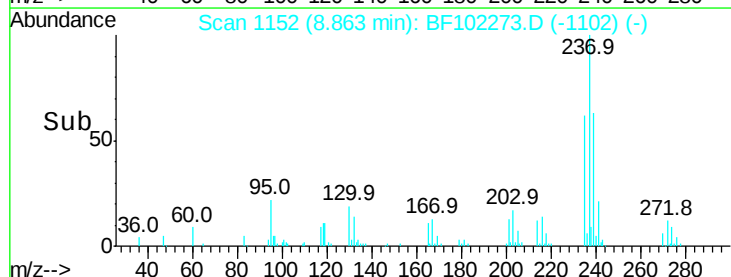
272 12.1 0.0 33.3

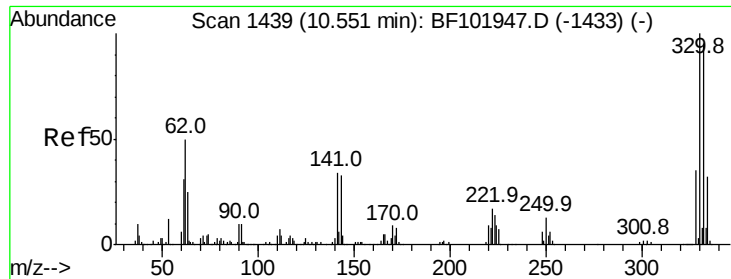


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

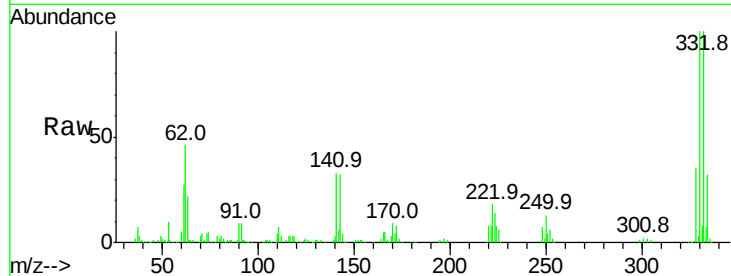




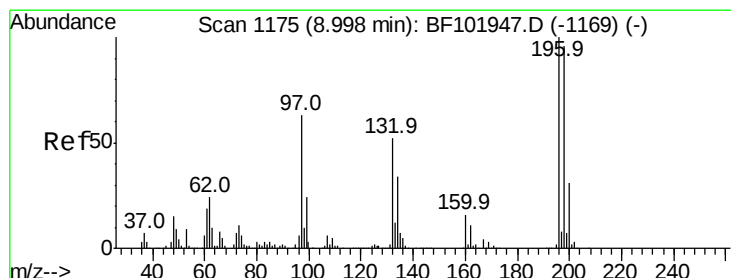
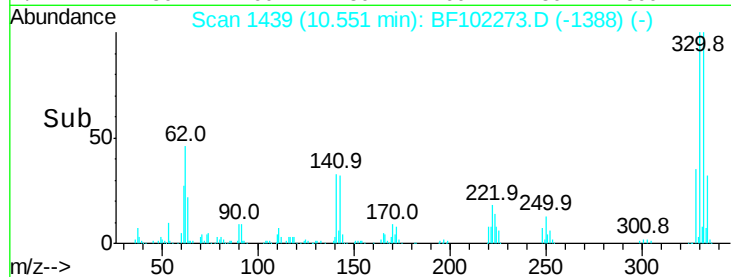
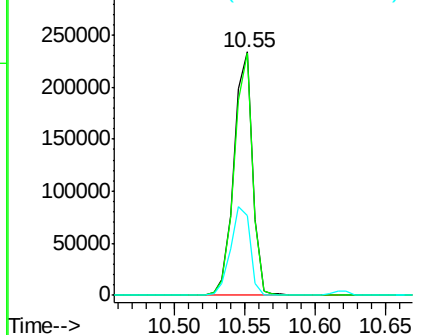
#41
 2,4,6-Tribromophenol
 Concen: 98.141 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.3	29.9	44.9

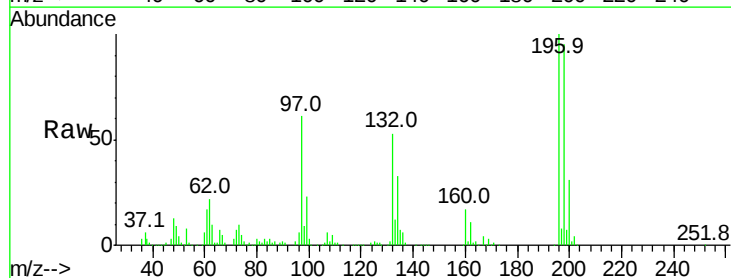


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

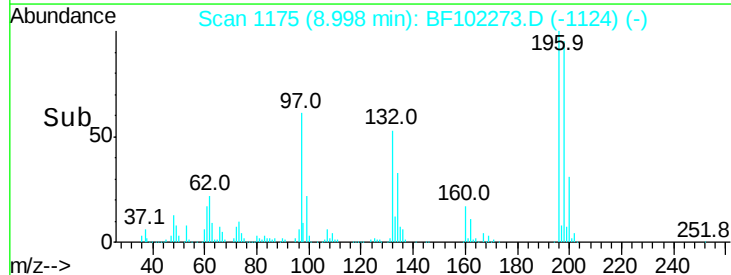
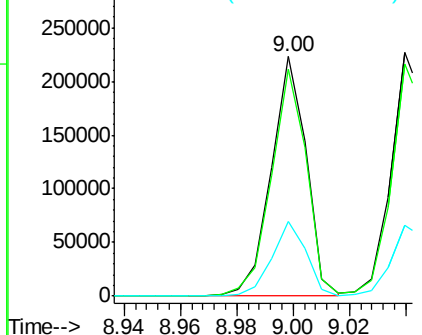


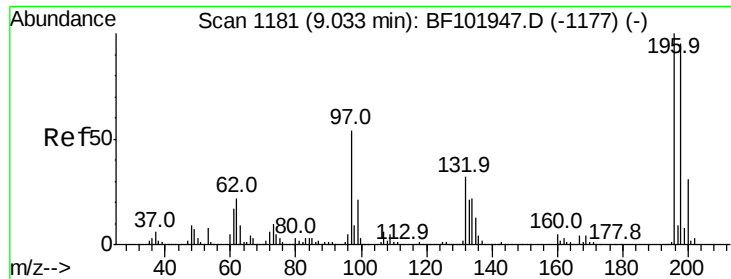
#42
 2,4,6-Trichlorophenol
 Concen: 39.117 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	31.4	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

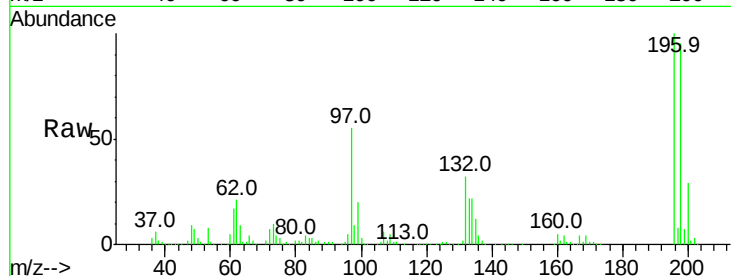




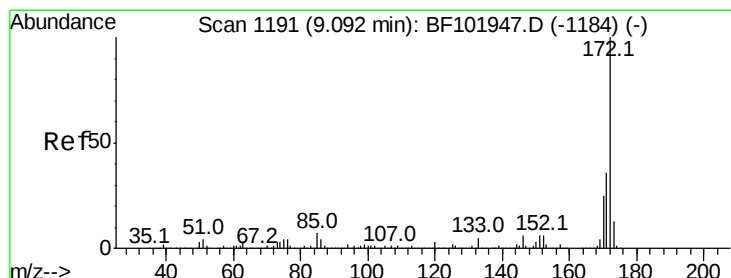
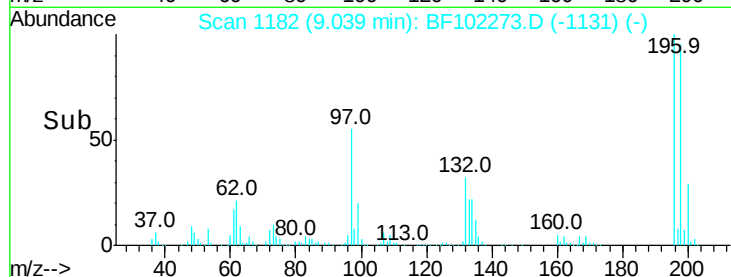
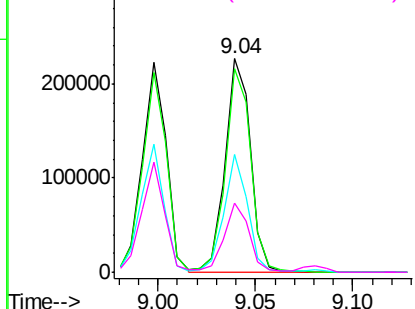
#43
 2,4,5-Trichlorophenol
 Concen: 36.848 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 203943
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 55.2 42.9 64.3
 132 32.5 26.3 39.5

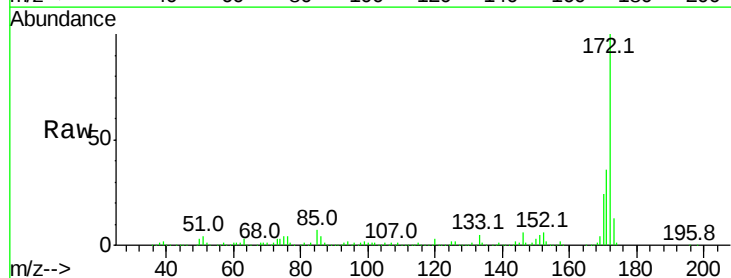


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

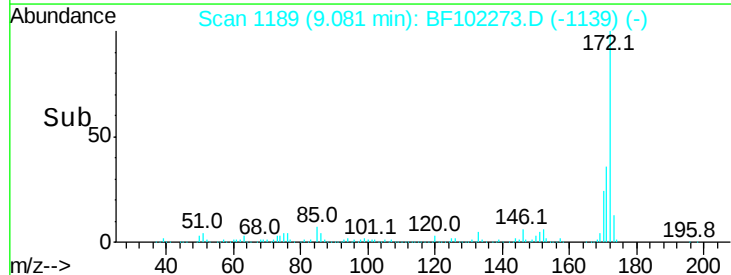
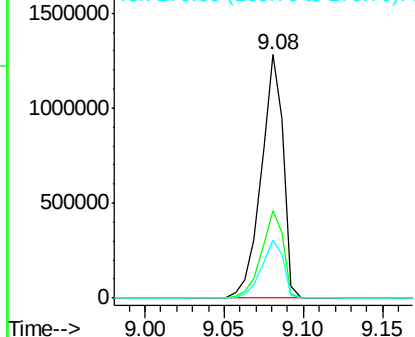


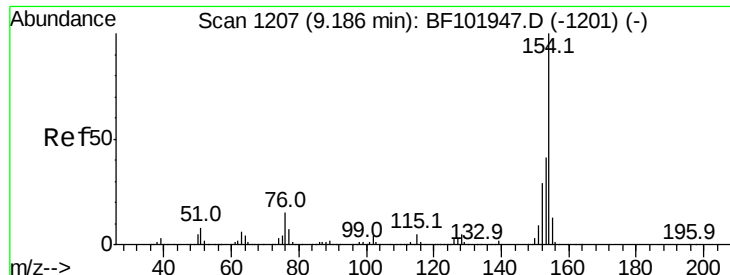
#44
 2-Fluorobiphenyl
 Concen: 77.220 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion:172 Resp: 1241533
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 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: 36.536 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

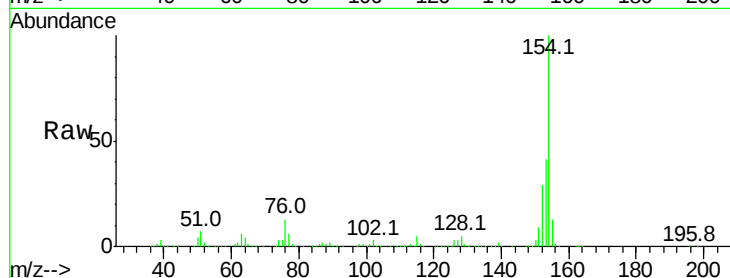
Tot Ion:154 Resp: 811157

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

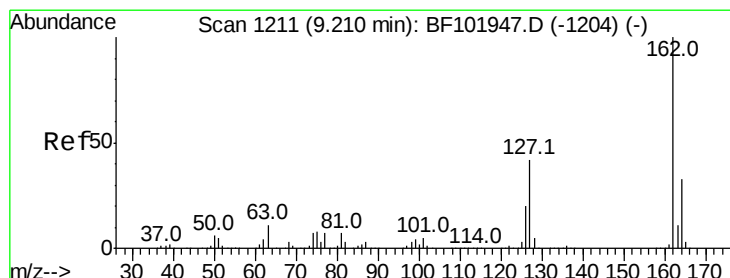
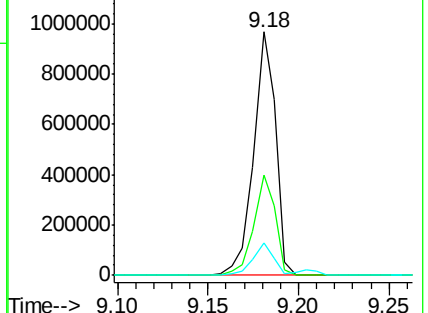
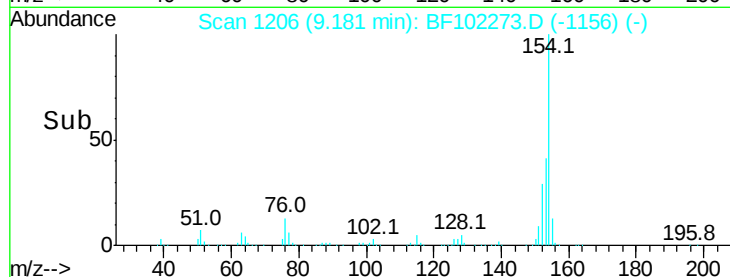
76 13.3 0.0 34.0



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: 36.288 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

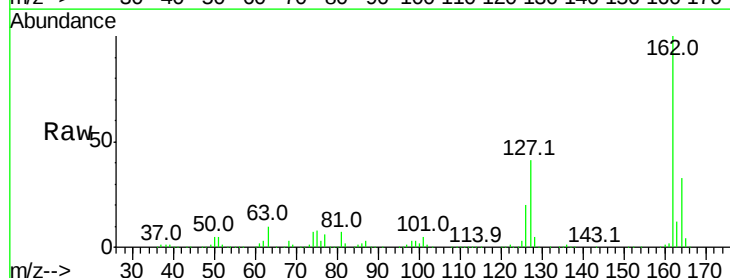
Tgt Ion:162 Resp: 624744

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

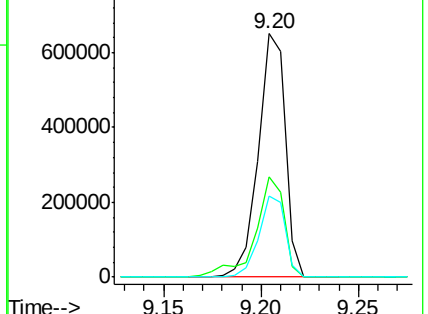
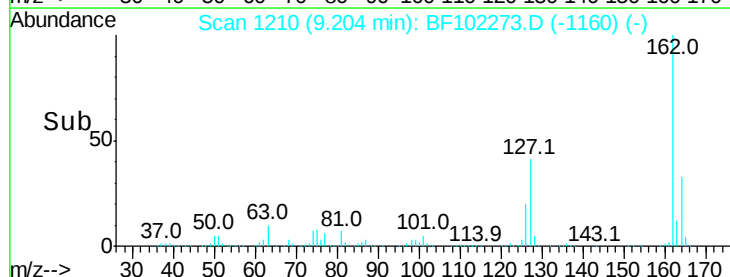
164 33.1 26.5 39.7

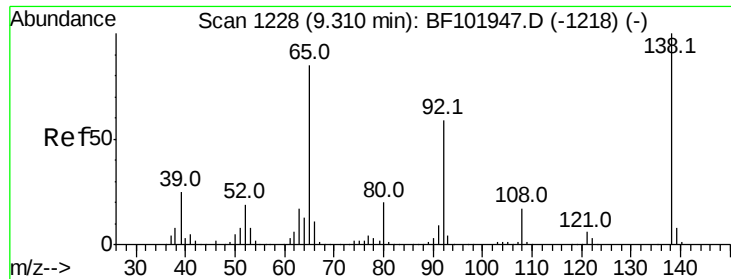


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

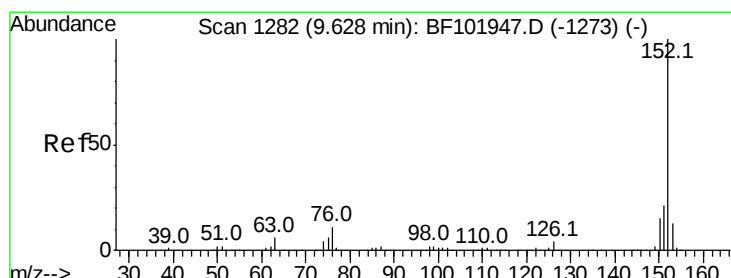
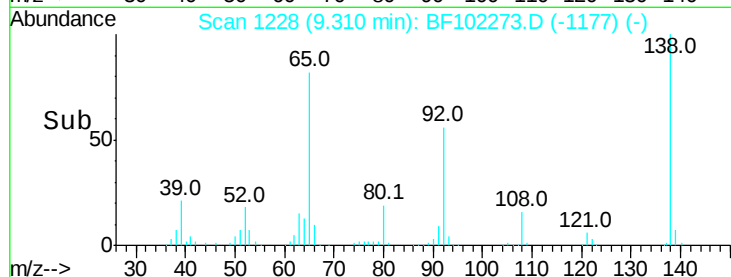
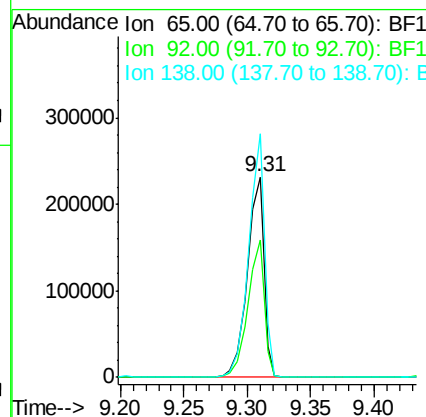
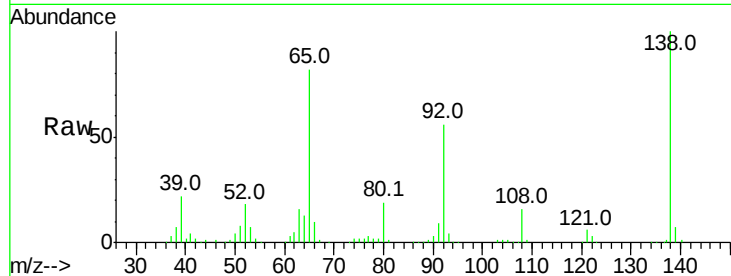




#47
 2-Nitroaniline
 Concen: 40.622 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

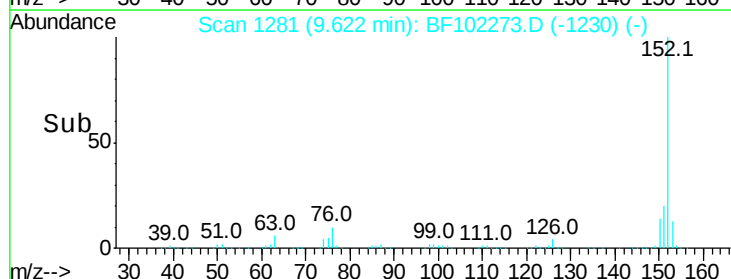
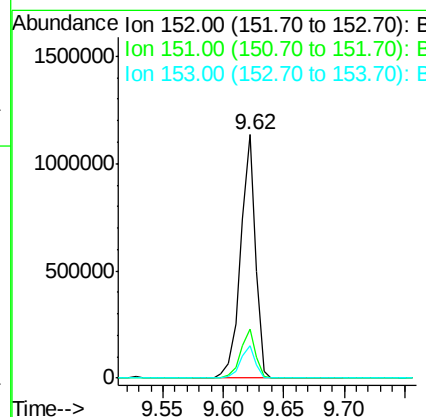
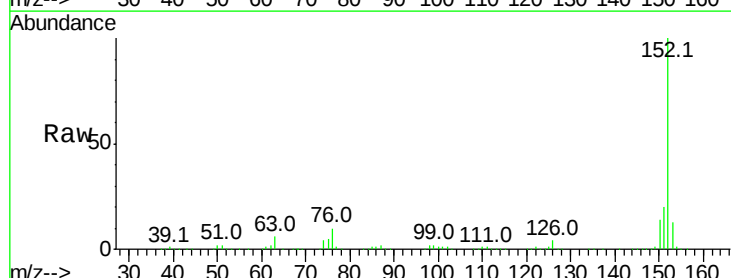
Instrument :
 BNA_F
 ClientSampleId :

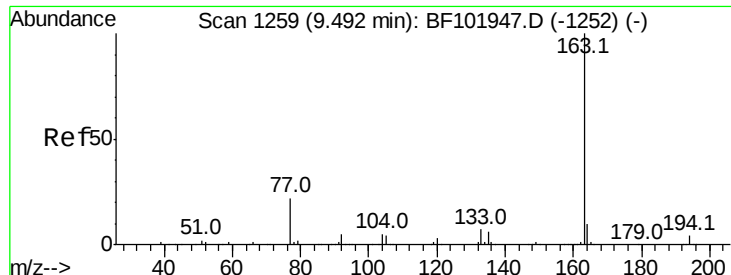
Tot Ion: 65 Resp: 209492
 Ion Ratio Lower Upper
 65 100
 92 68.5 55.8 83.6
 138 121.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.627 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion:152 Resp: 973425
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.1 10.7 16.1

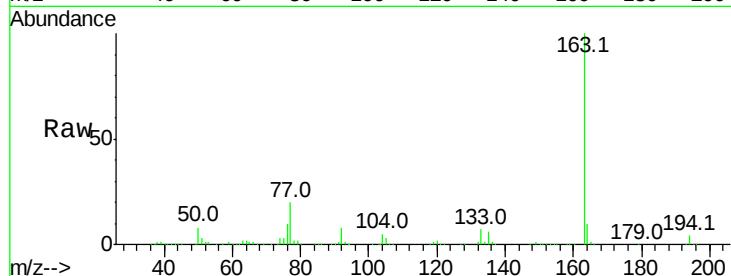




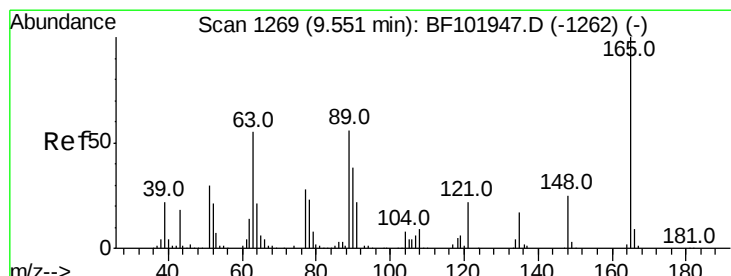
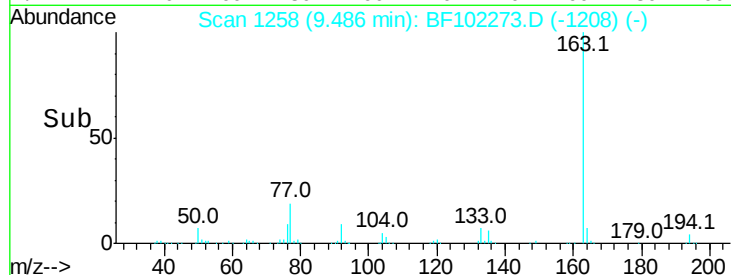
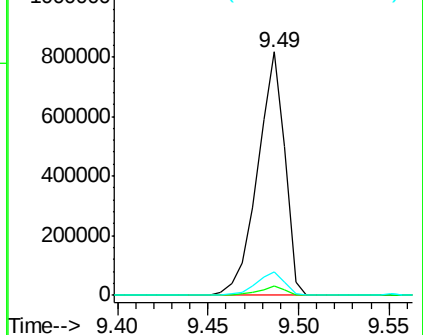
#49
Dimethylphthalate
Concen: 42.279 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 851926
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

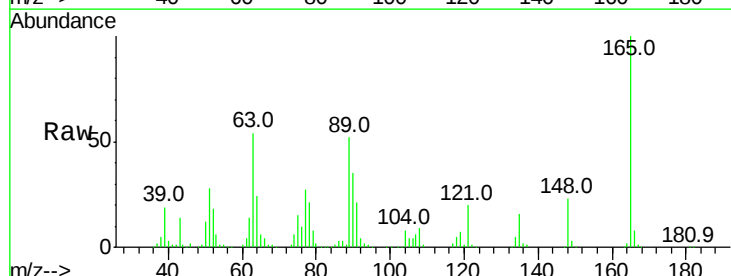


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

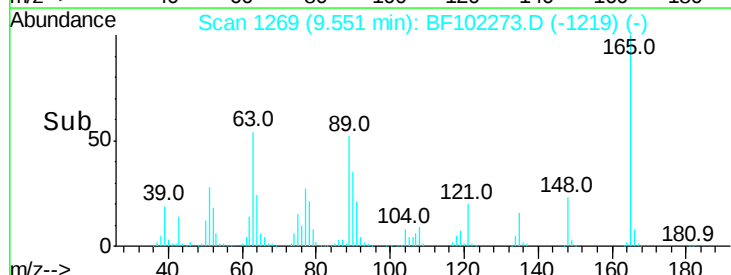
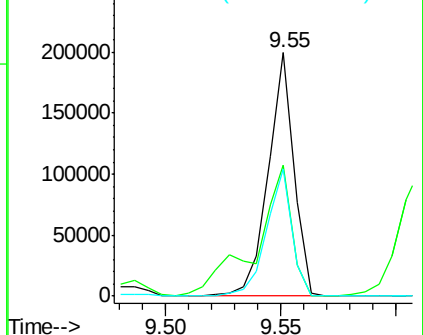


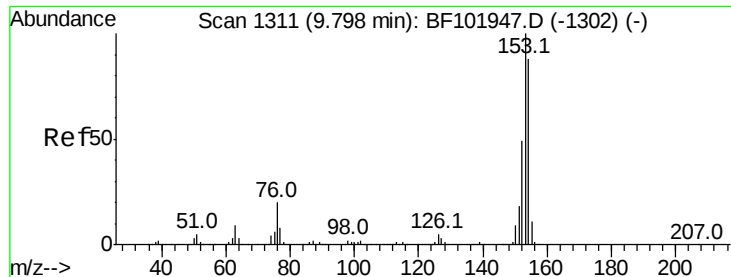
#50
2,6-Dinitrotoluene
Concen: 38.434 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:165 Resp: 154695
Ion Ratio Lower Upper
165 100
63 53.5 44.7 67.1
89 52.2 44.0 66.0



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





#51

Acenaphthene

Concen: 32.765 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

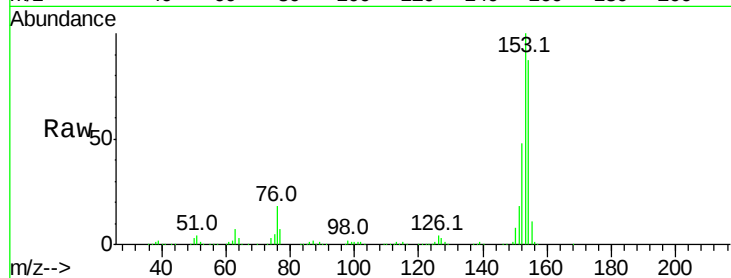
Tot Ion:154 Resp: 543365

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

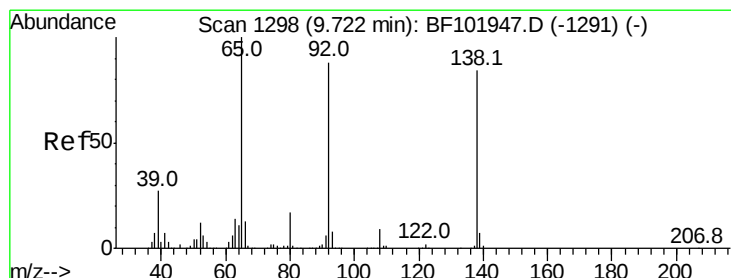
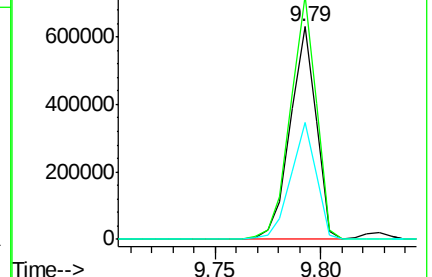
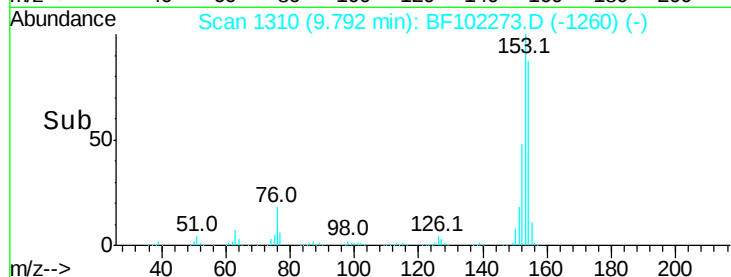
152 55.0 43.8 65.8



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: 29.191 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

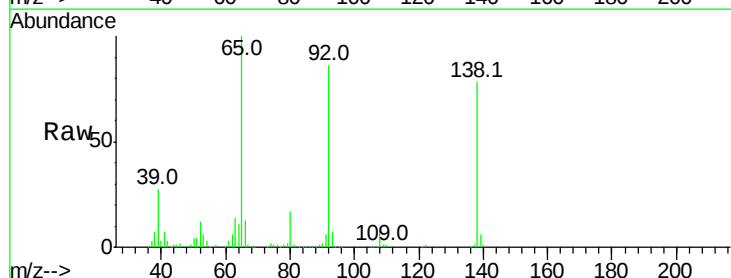
Tgt Ion:138 Resp: 148282

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

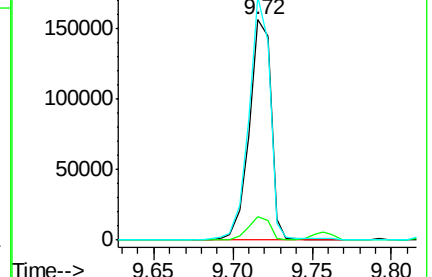
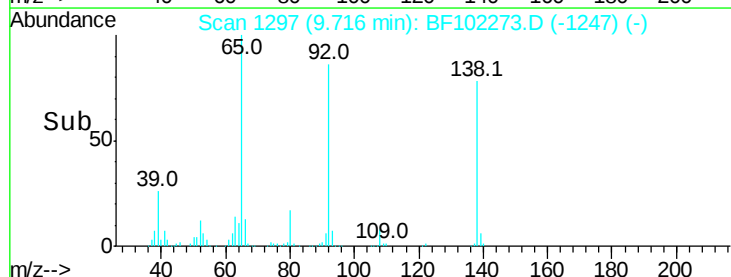
92 110.6 89.4 134.2

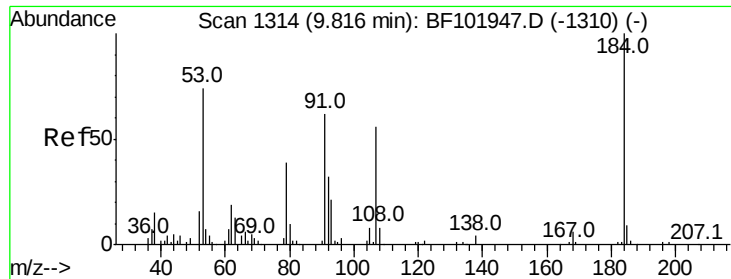


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

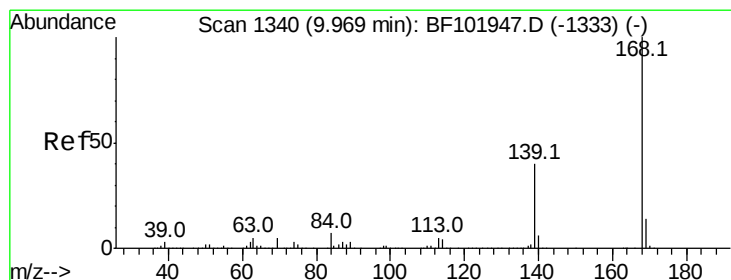
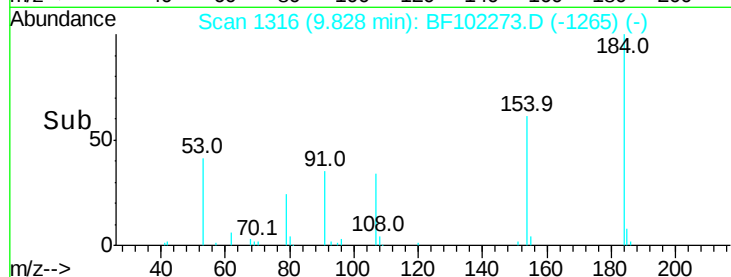
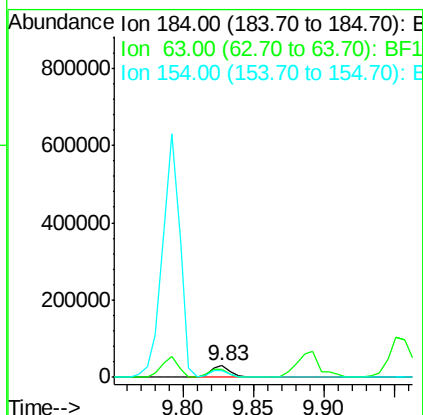
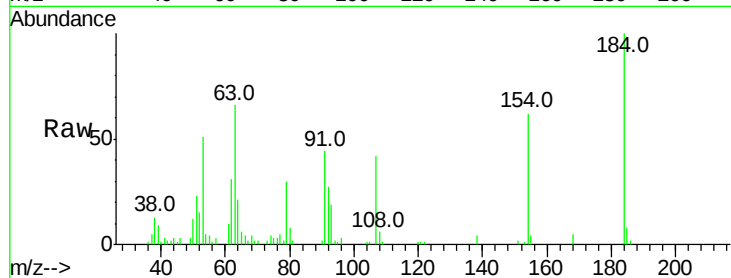




#53
 2,4-Dinitrophenol
 Concen: 26.699 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

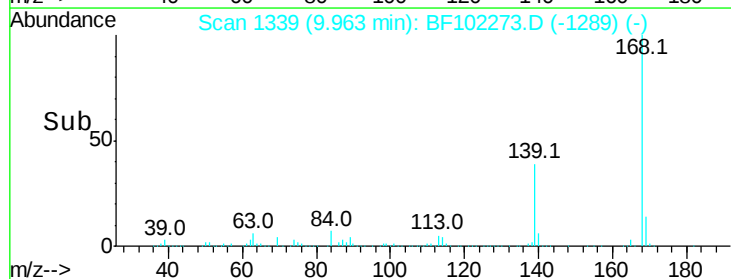
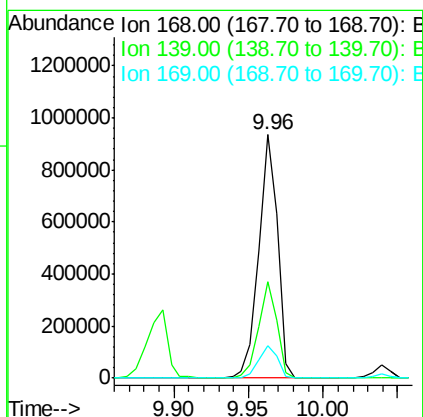
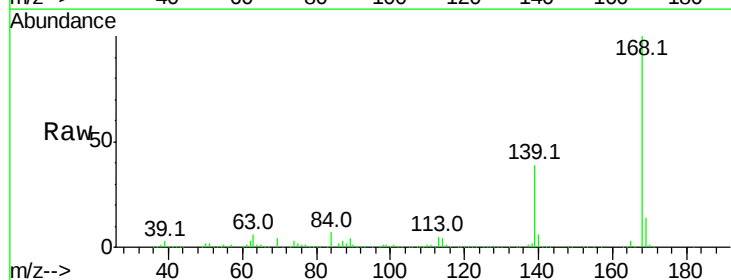
Instrument :
 BNA_F
 ClientSampleId :

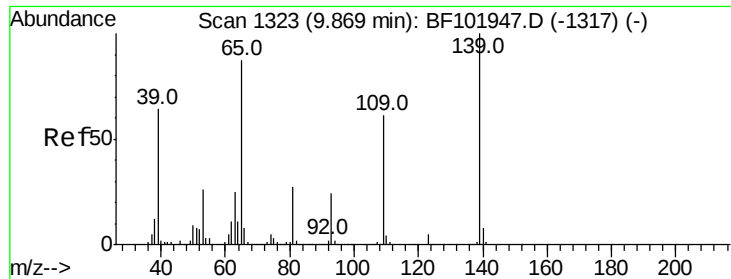
Tot Ion:184 Resp: 31118
 Ion Ratio Lower Upper
 184 100
 63 66.1 54.2 81.2
 154 62.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 35.389 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion:168 Resp: 805447
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 13.6 10.9 16.3

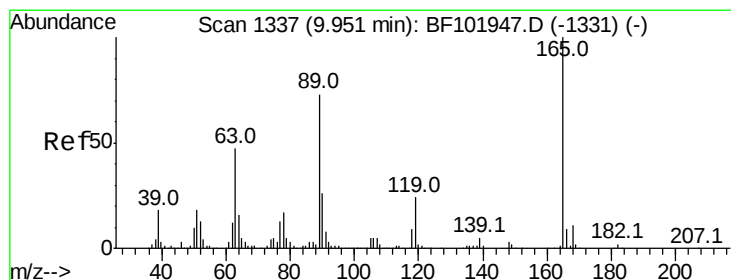
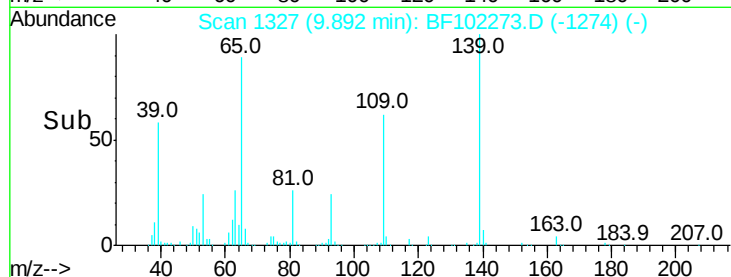
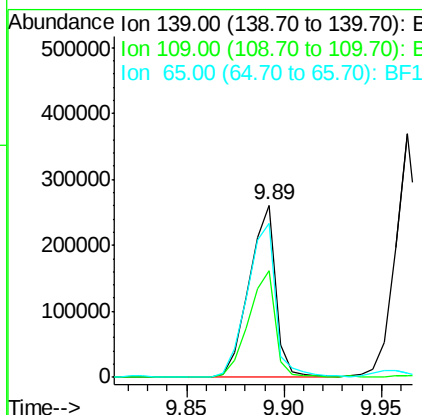
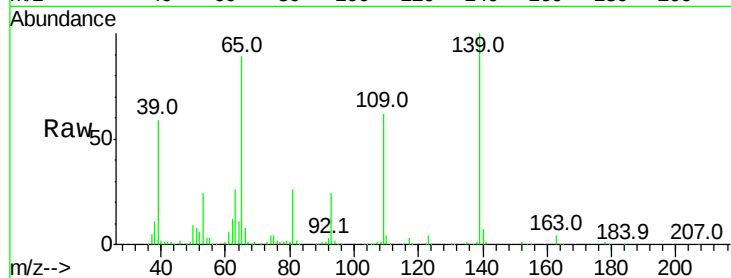




#55
4-Nitrophenol
Concen: 65.678 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

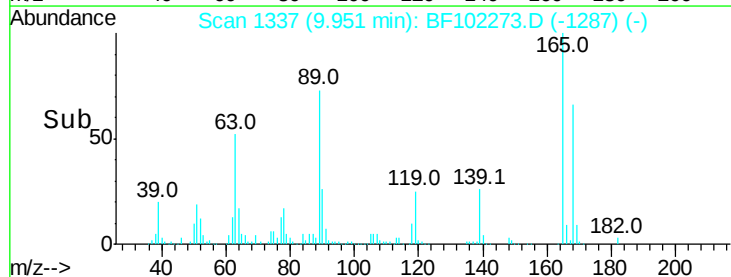
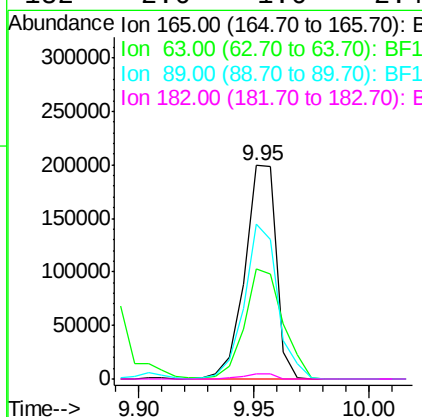
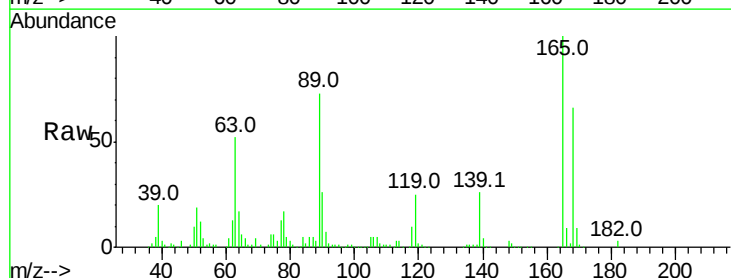
Instrument :
BNA_F
ClientSampled :

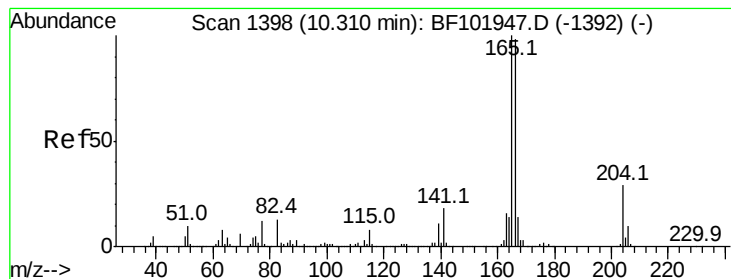
Tot Ion:139 Resp: 248631
Ion Ratio Lower Upper
139 100
109 62.4 48.4 88.4
65 89.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.757 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:165 Resp: 190477
Ion Ratio Lower Upper
165 100
63 51.8 36.4 54.6
89 72.7 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 38.432 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

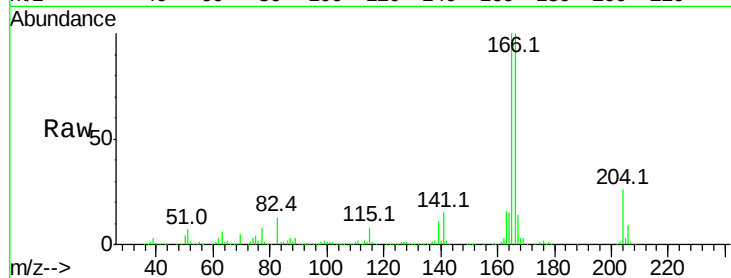
Tot Ion:166 Resp: 604671

Ion Ratio Lower Upper

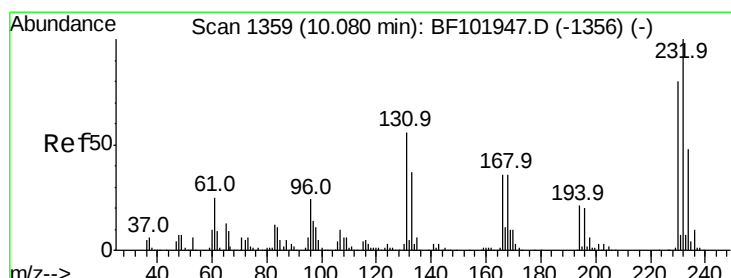
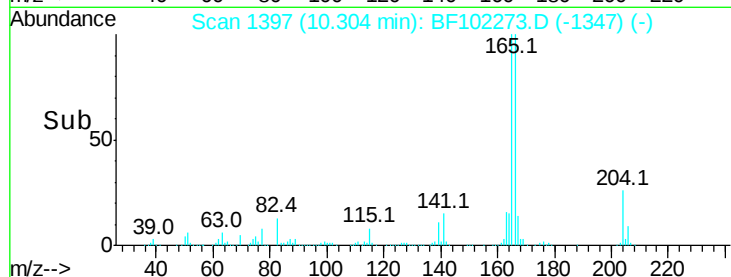
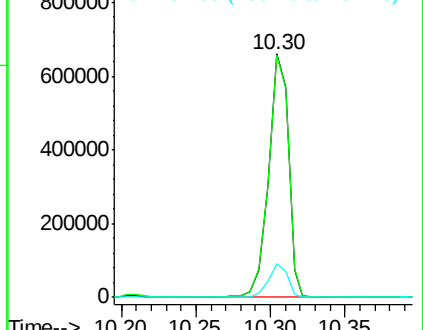
166 100

165 99.8 79.8 119.8

167 13.7 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.717 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:232 Resp: 144677

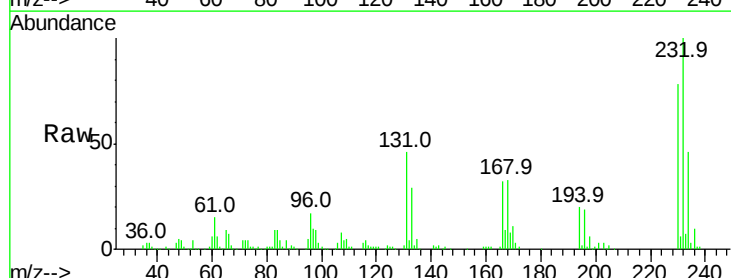
Ion Ratio Lower Upper

232 100

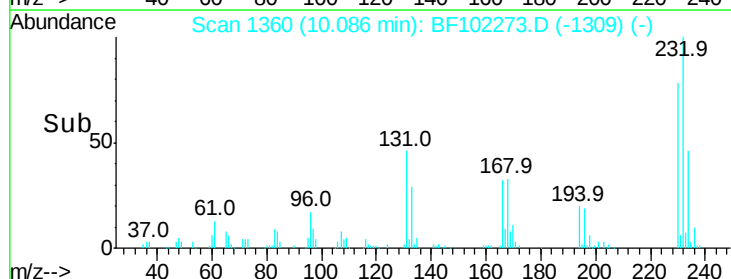
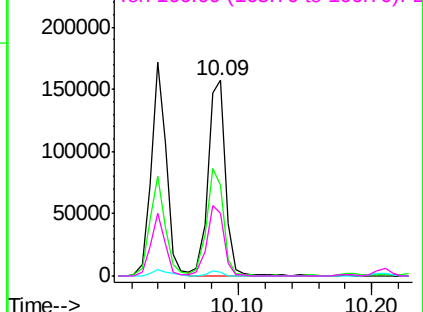
131 51.8 43.8 65.8

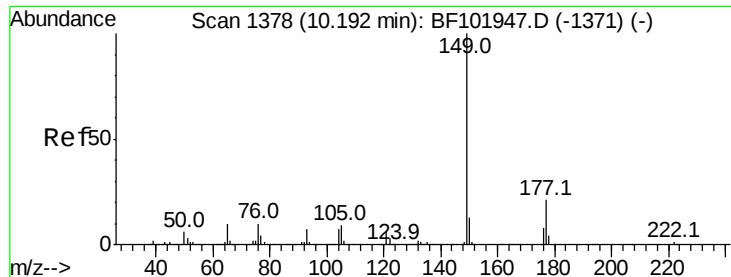
130 2.4 2.1 3.1

166 34.7 27.8 41.6



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

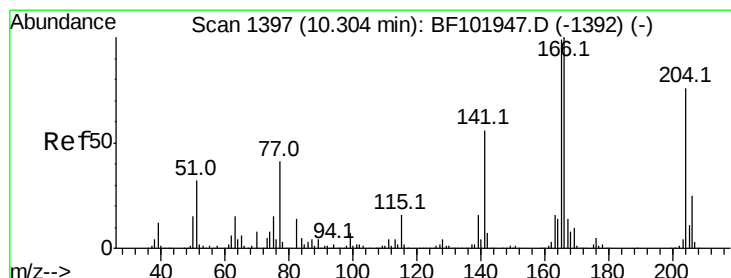
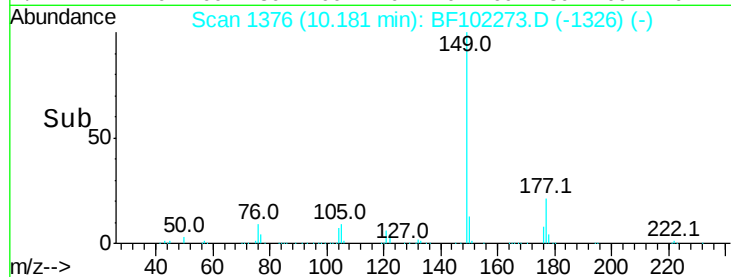
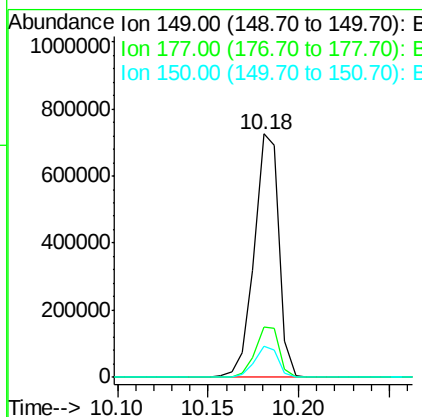
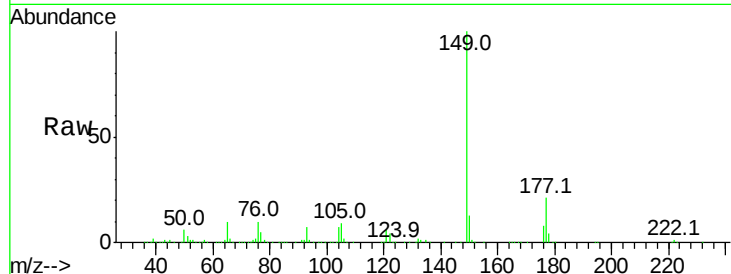




#59
Diethylphthalate
Concen: 34.289 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

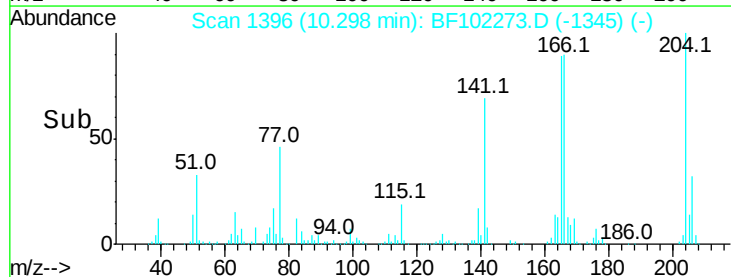
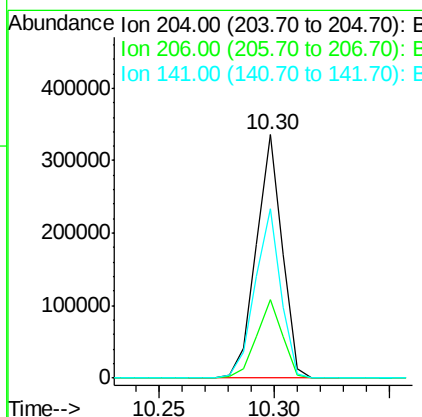
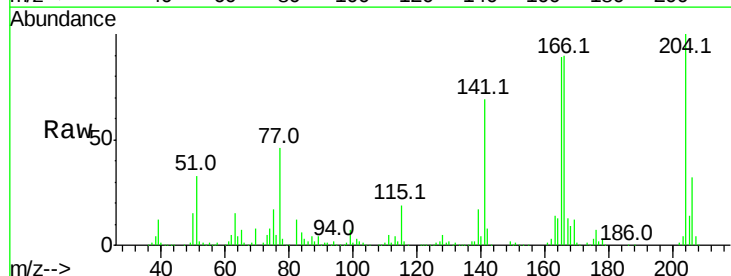
Instrument :
BNA_F
ClientSampled :

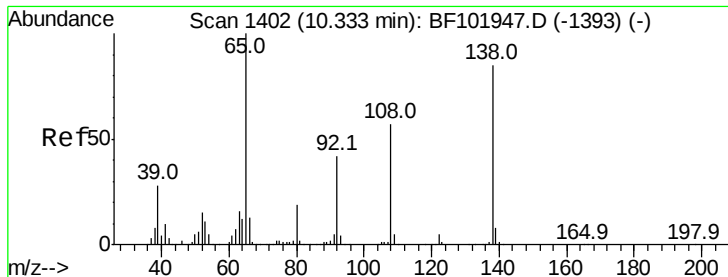
Tot Ion:	149	Resp:	687285
Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.6	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.531 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:	204	Resp:	264845
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	69.4	54.6	81.8

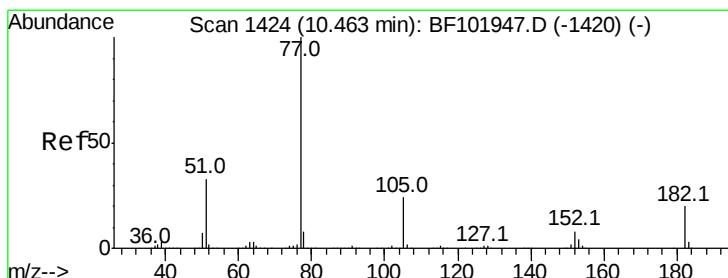
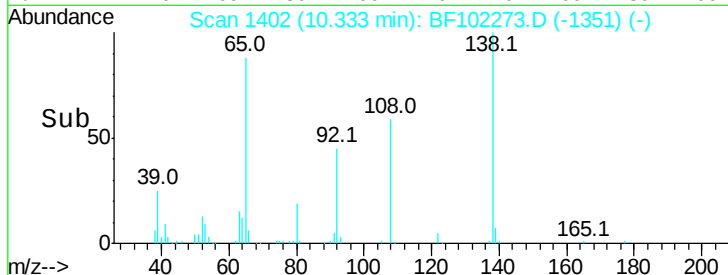
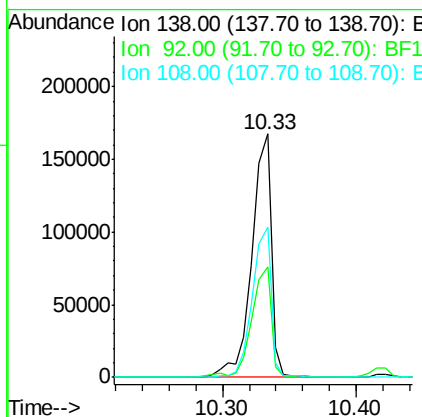
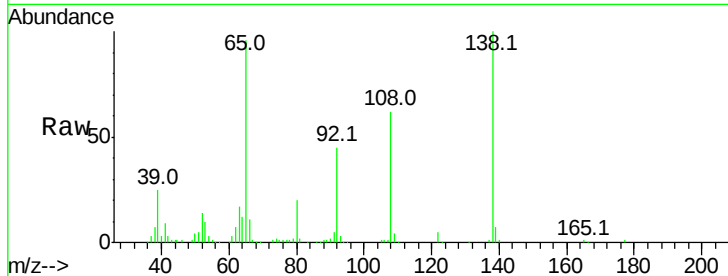




#61
4-Nitroaniline
Concen: 34.530 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

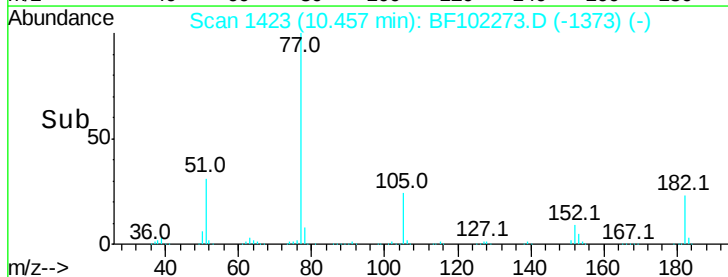
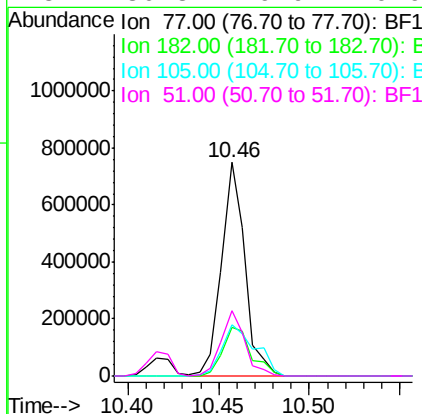
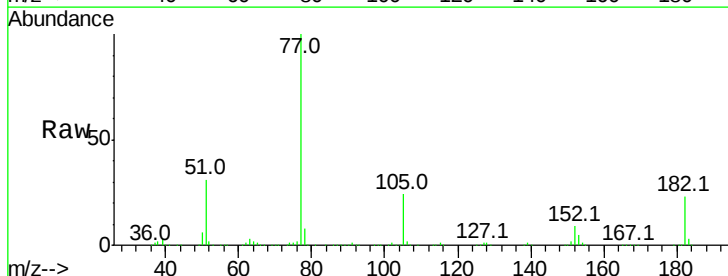
Instrument :
BNA_F
ClientSampled :

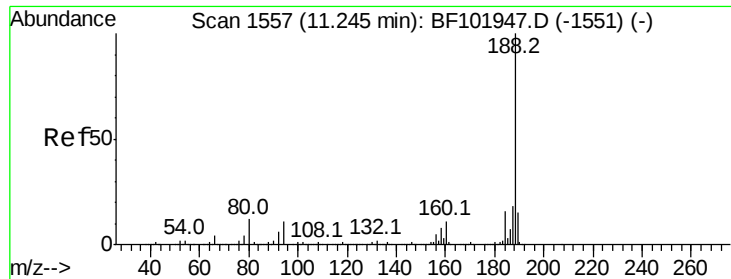
Tot Ion:138 Resp: 166462
Ion Ratio Lower Upper
138 100
92 45.2 30.2 70.2
108 61.9 52.5 92.5



#62
Azobenzene
Concen: 33.727 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion: 77 Resp: 672593
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 24.1 3.0 43.0
51 30.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampled :

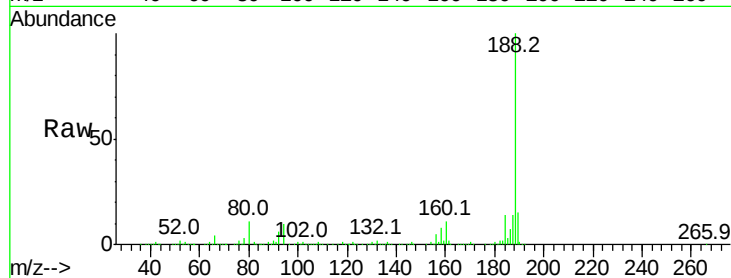
Tot Ion:188 Resp: 377349

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

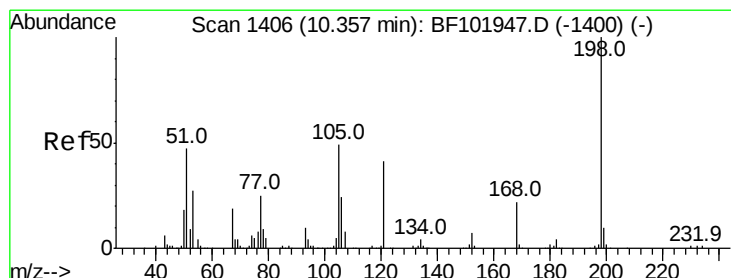
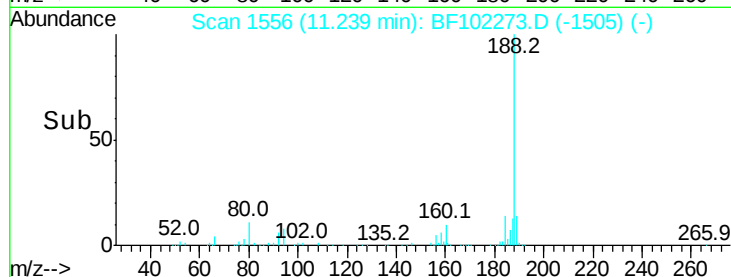
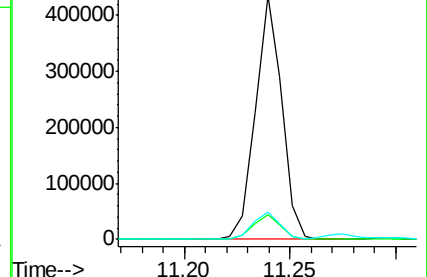
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 16.390 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

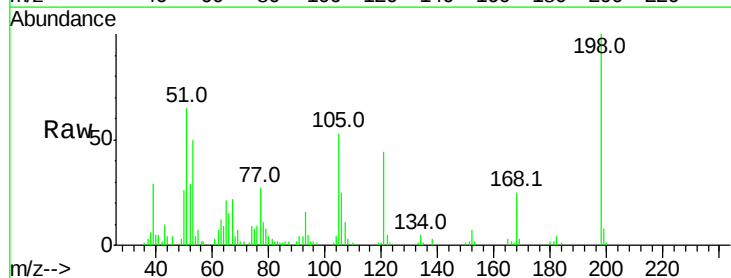
Tgt Ion:198 Resp: 24927

Ion Ratio Lower Upper

198 100

51 65.0 37.7 77.7

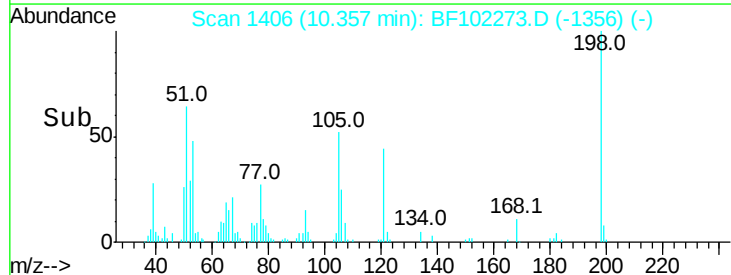
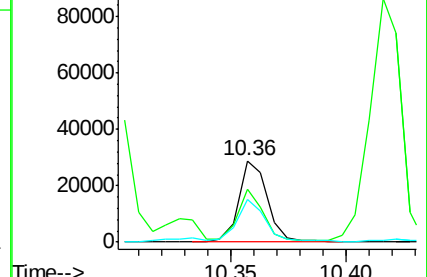
105 53.3 36.3 76.3

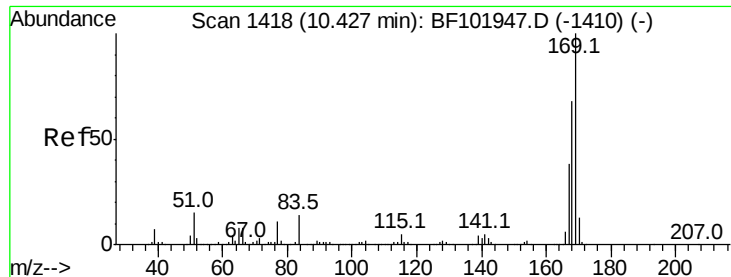


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

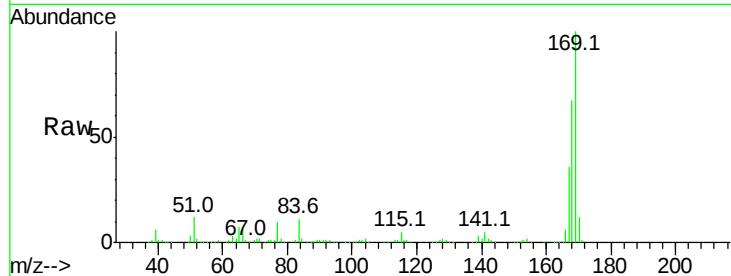




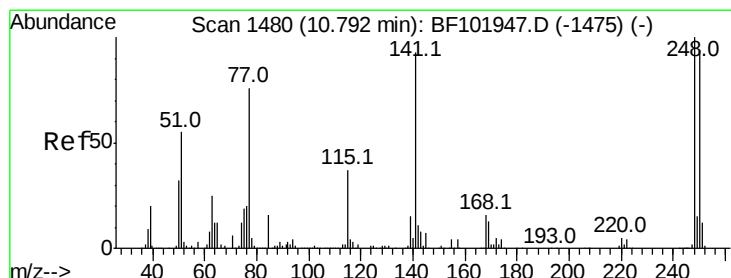
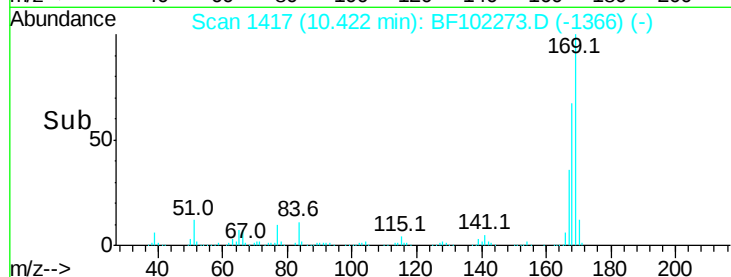
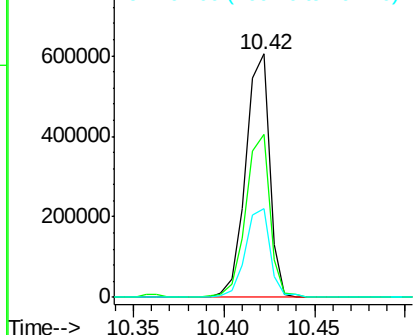
#65
 n-Nitrosodiphenylamine
 Concen: 39.165 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 553413
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 36.2 29.8 44.6

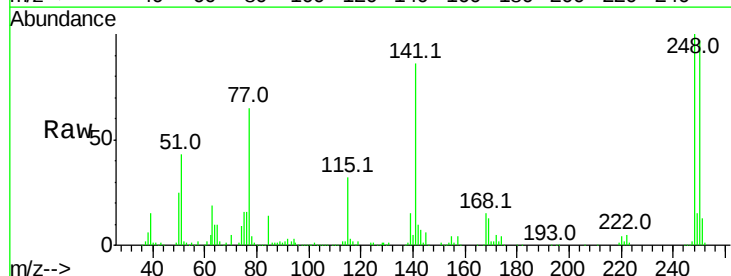


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

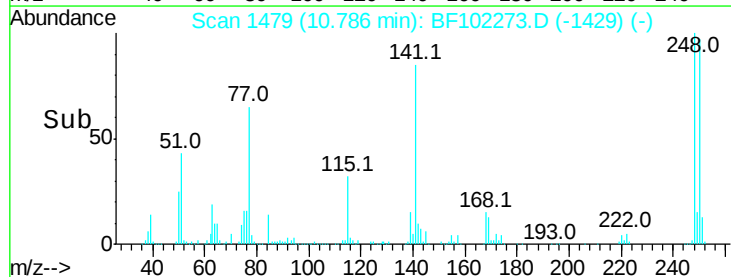
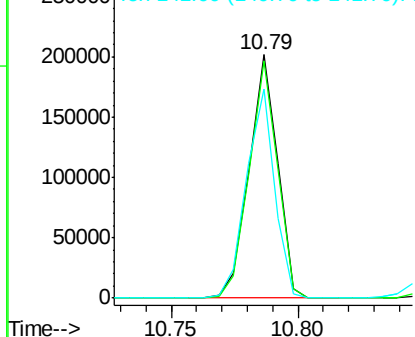


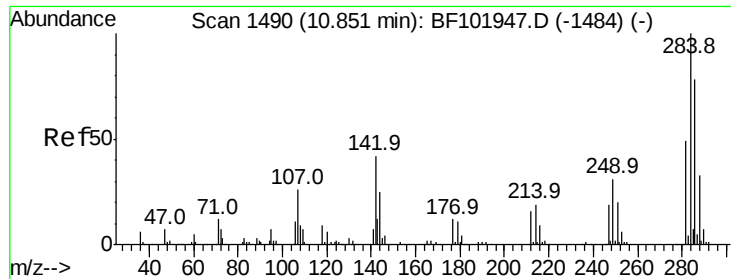
#66
 4-Bromophenyl-phenylether
 Concen: 39.828 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion:248 Resp: 158712
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 85.6 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

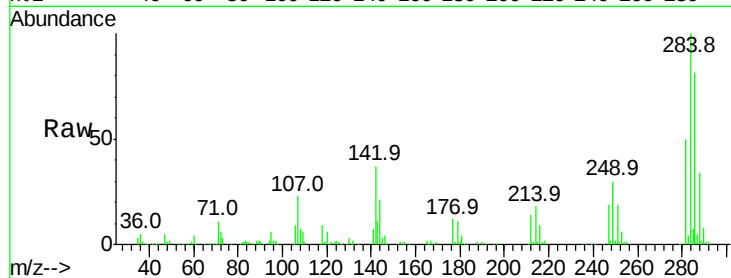




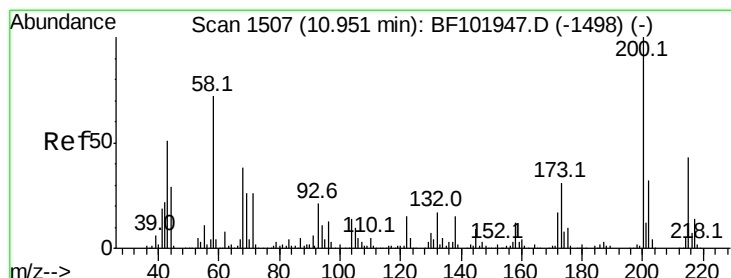
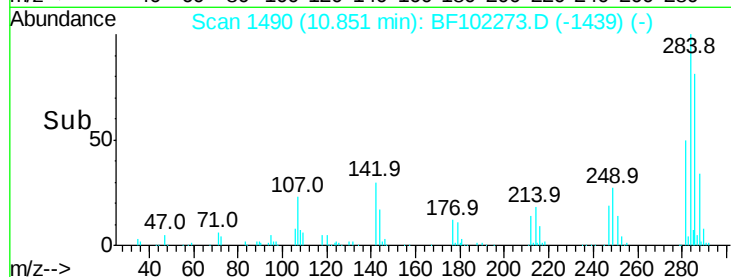
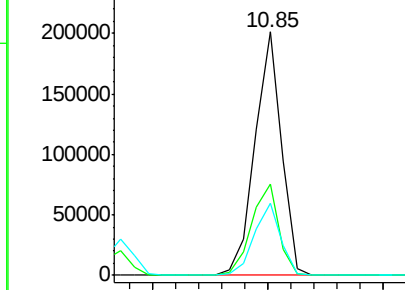
#67
Hexachlorobenzene
Concen: 37.113 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 161457
Ion Ratio Lower Upper
284 100
142 37.4 34.6 52.0
249 29.6 24.8 37.2

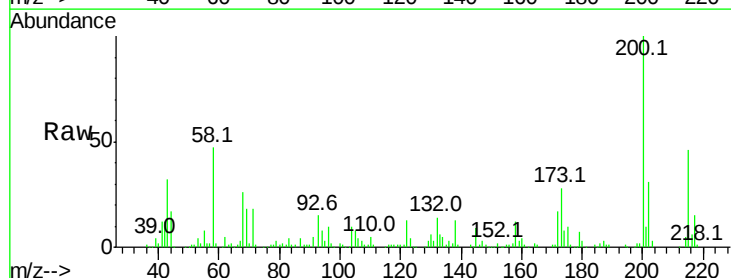


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

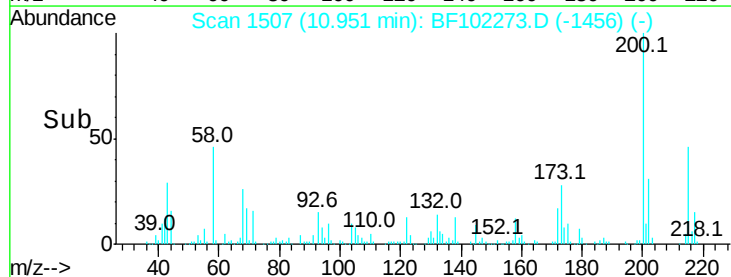
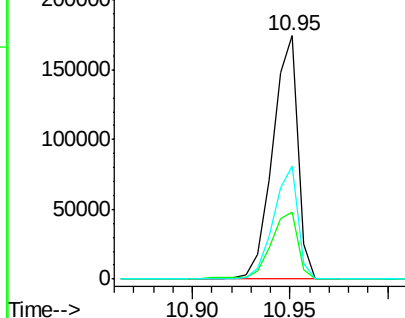


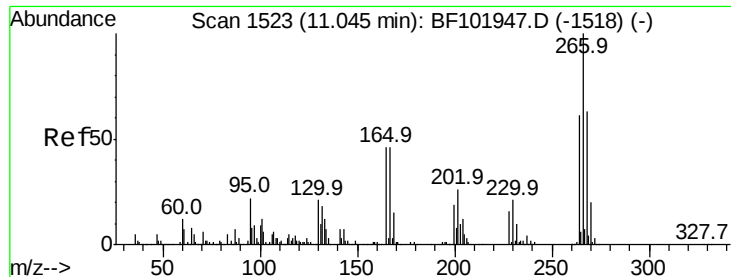
#68
Atrazine
Concen: 38.153 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:200 Resp: 155800
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 46.2 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

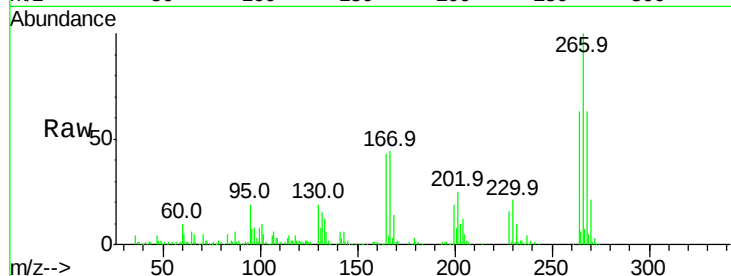




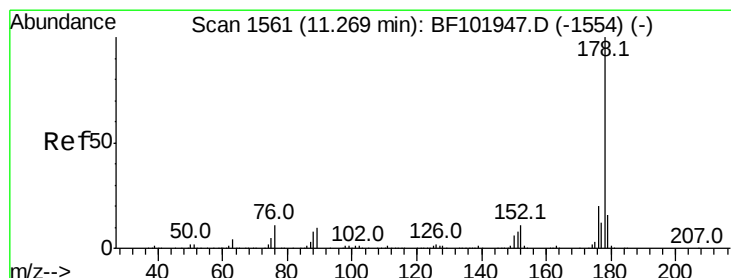
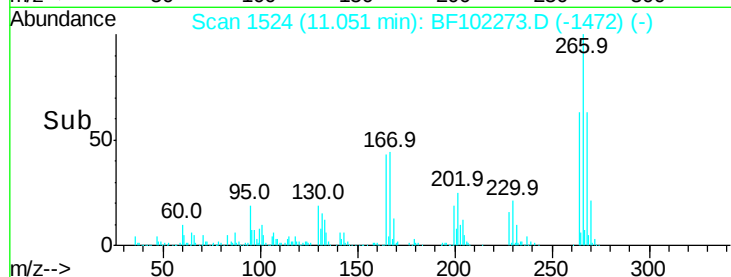
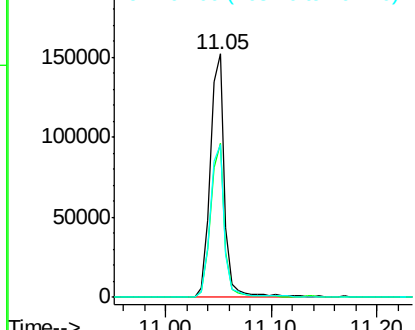
#69
 Pentachlorophenol
 Concen: 55.279 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 146644
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 62.6 49.5 74.3

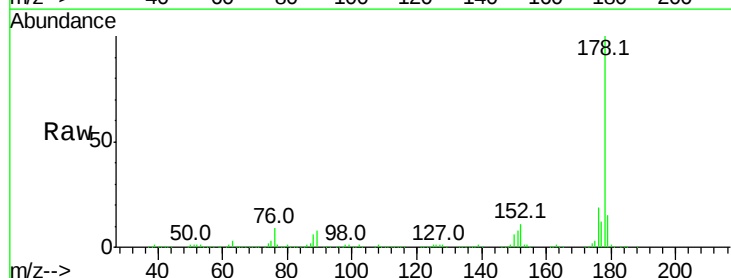


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

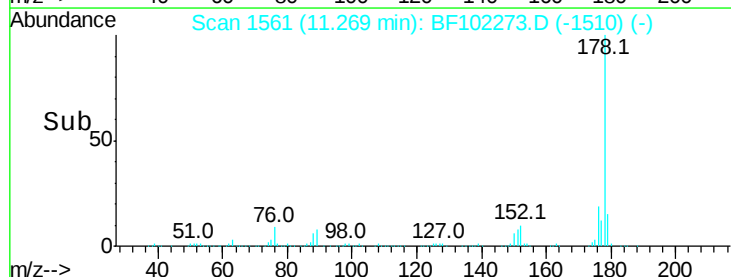
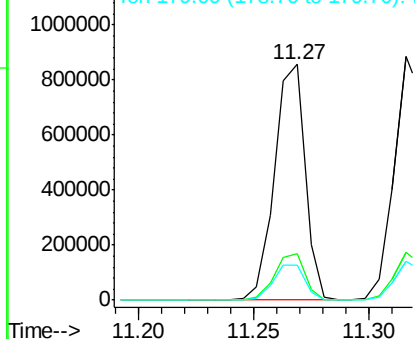


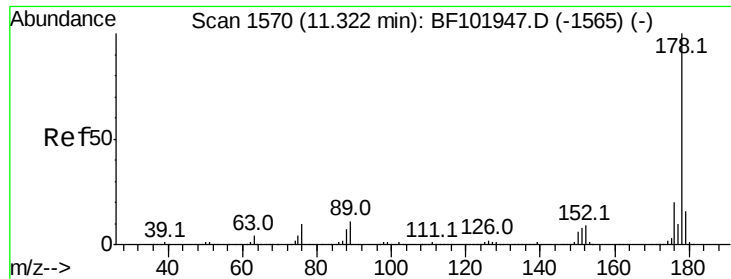
#70
 Phenanthrene
 Concen: 35.694 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion:178 Resp: 786772
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.0 13.0 19.6



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

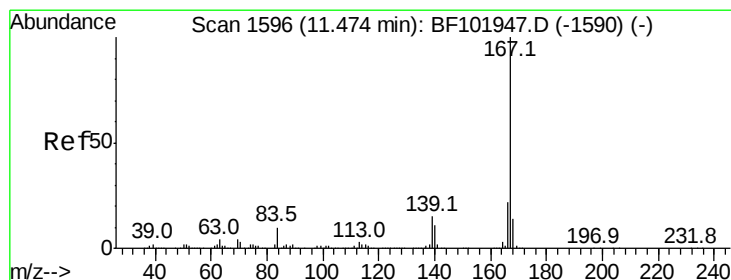
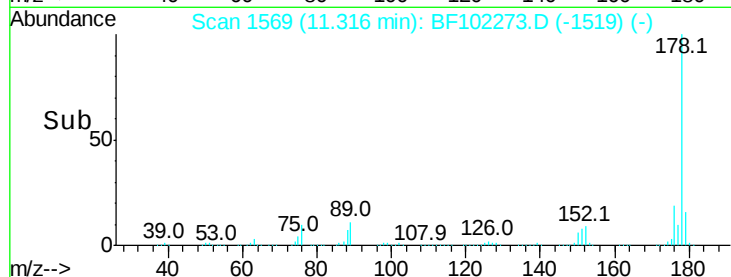
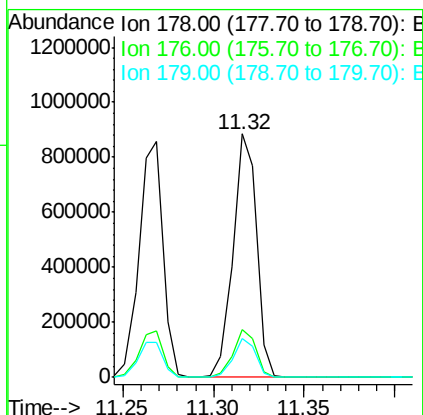
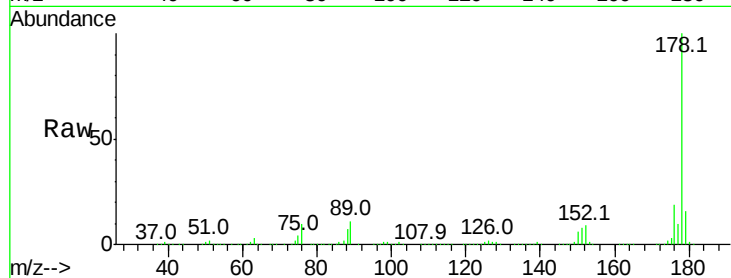




#71
 Anthracene
 Concen: 35.817 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

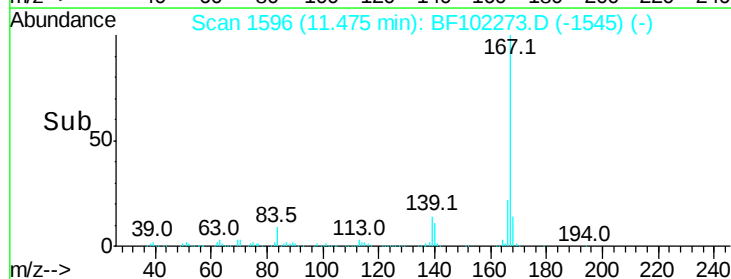
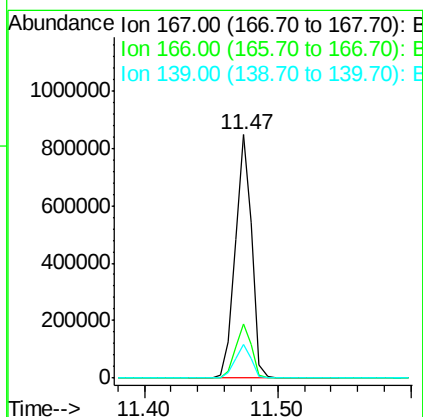
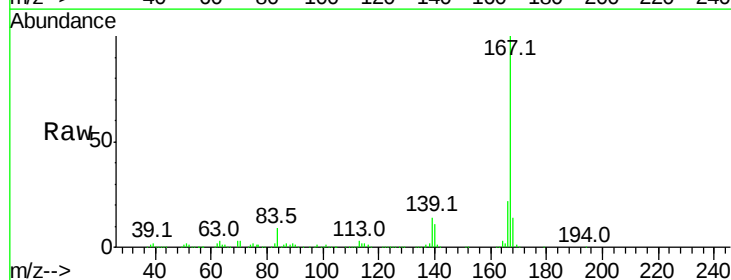
Instrument :
 BNA_F
 ClientSampleId :

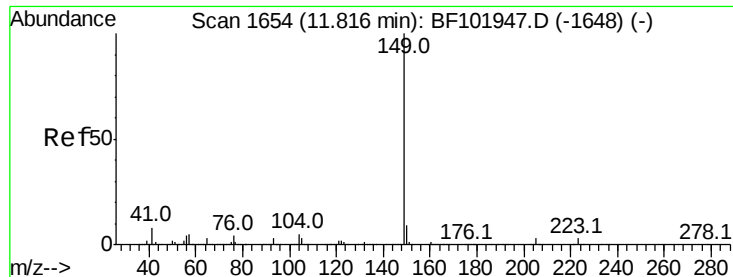
Tot Ion:178 Resp: 800681
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 33.227 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion:167 Resp: 730077
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.967 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

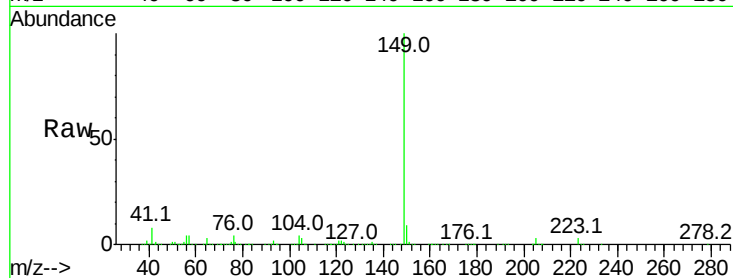
Tot Ion:149 Resp: 969585

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

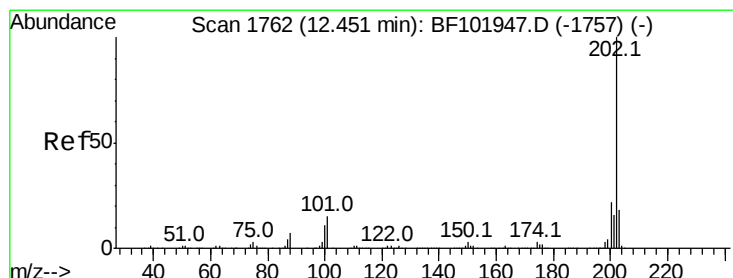
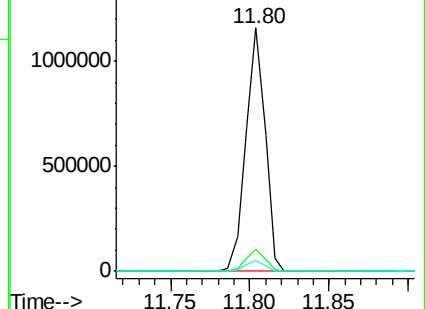
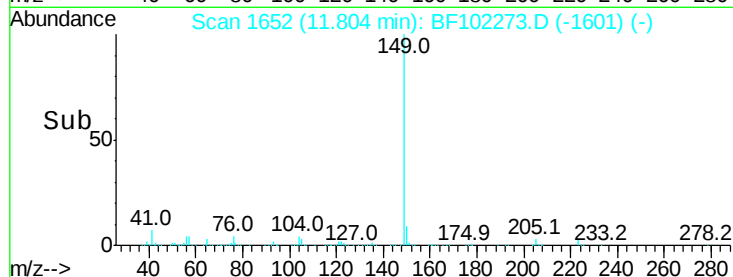
104 4.5 3.8 5.8



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: 33.734 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

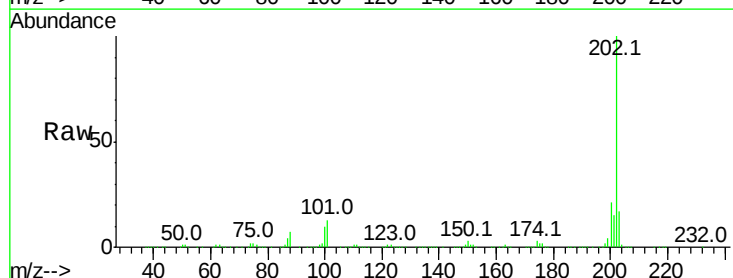
Tgt Ion:202 Resp: 731586

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

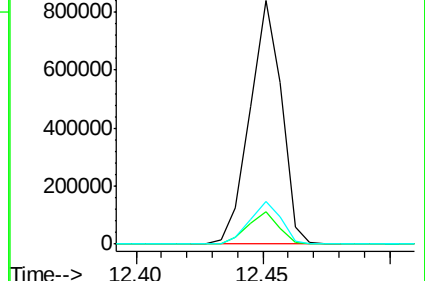
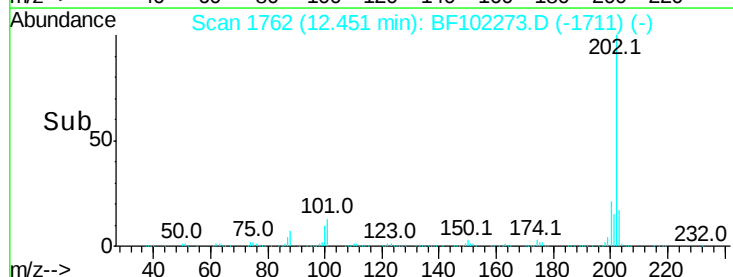
203 17.4 0.0 38.1

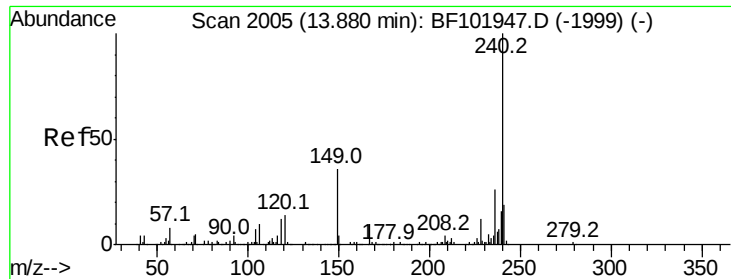


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

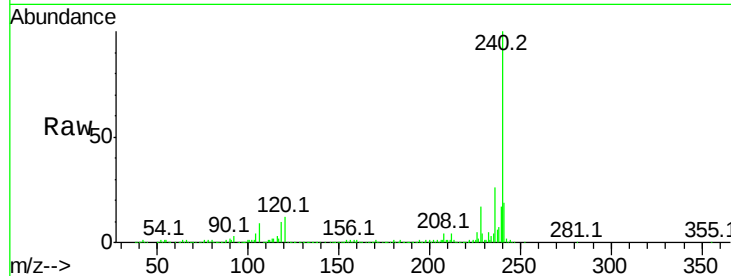
Tot Ion:240 Resp: 261899

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

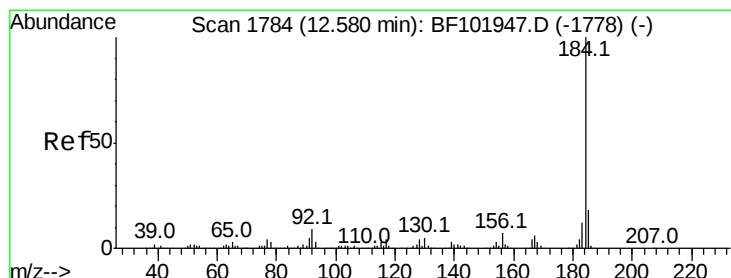
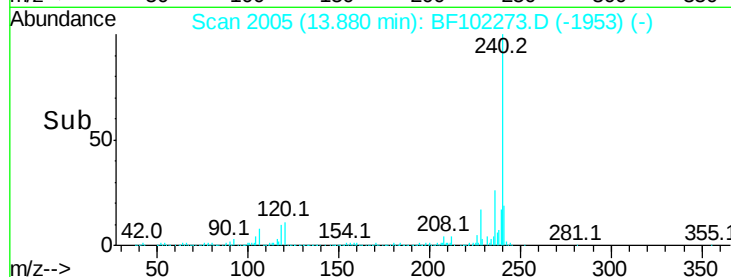
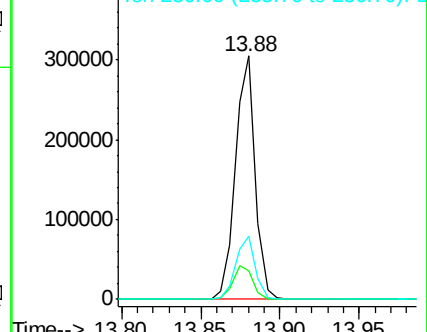
236 26.2 20.7 31.1



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: 36.680 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

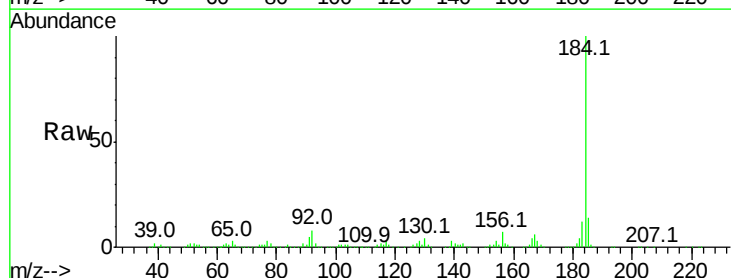
Tgt Ion:184 Resp: 463880

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

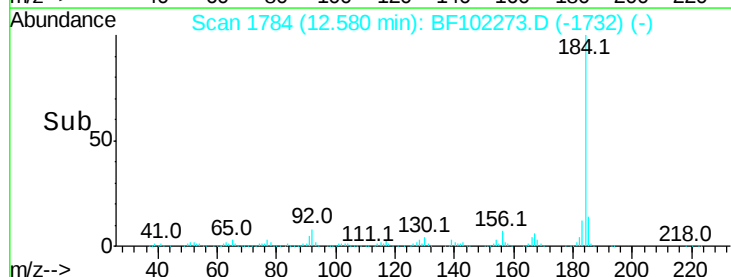
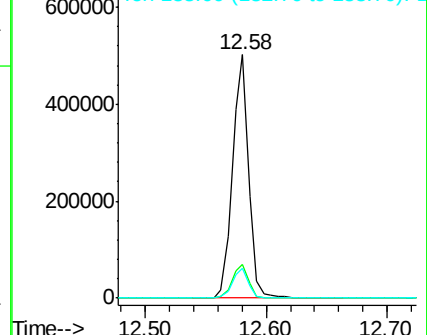
183 12.3 9.3 13.9

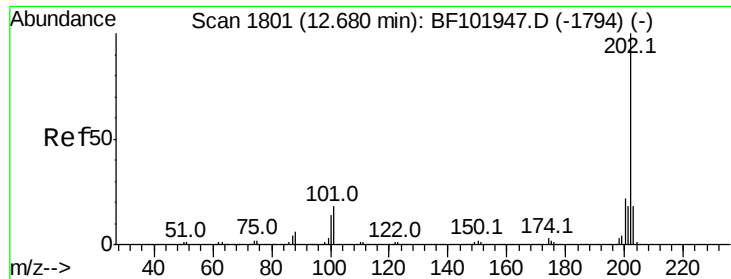


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.630 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampled :

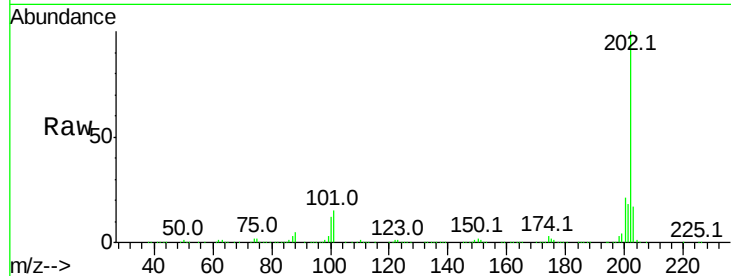
Tot Ion:202 Resp: 755397

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

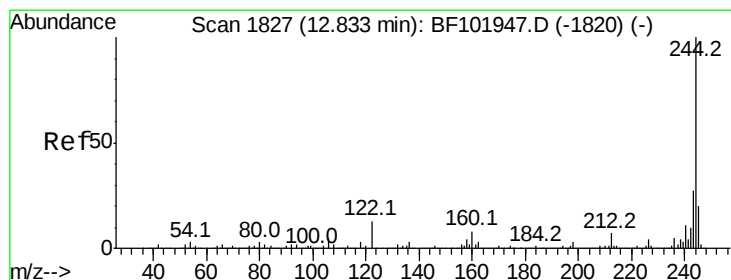
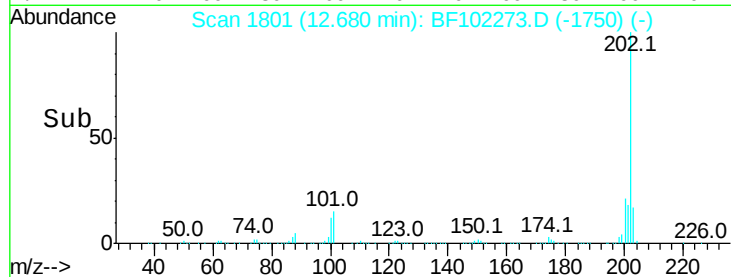
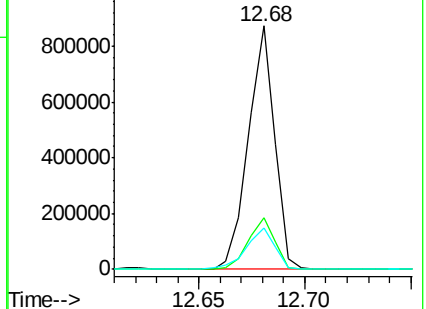
203 17.0 14.3 21.5



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: 68.011 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

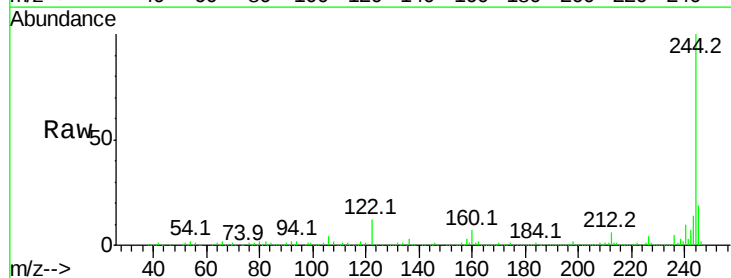
Tgt Ion:244 Resp: 857885

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

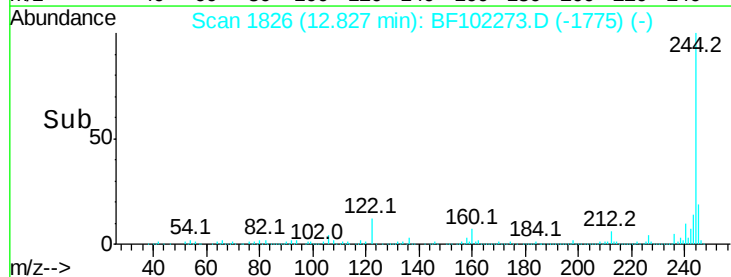
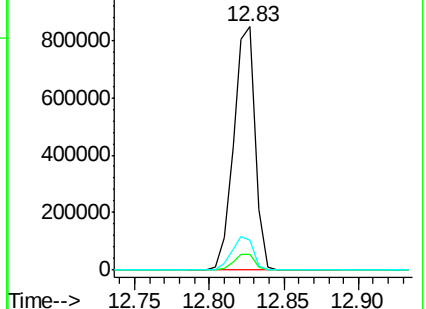
122 12.4 11.0 16.4

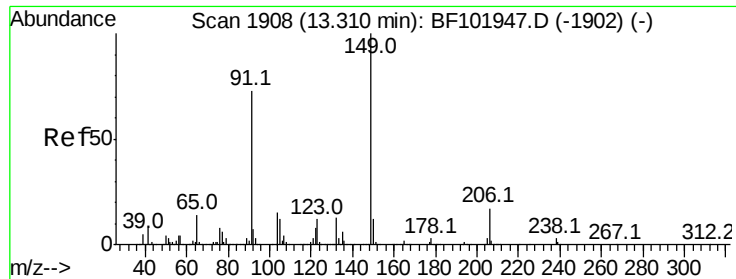


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

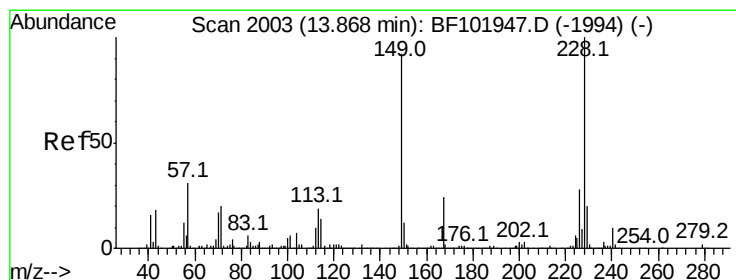
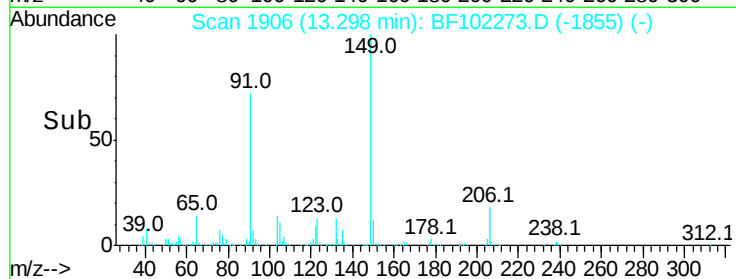
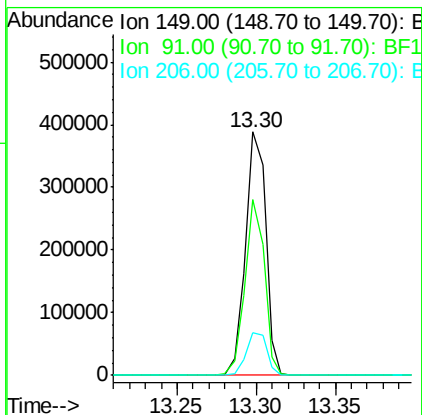
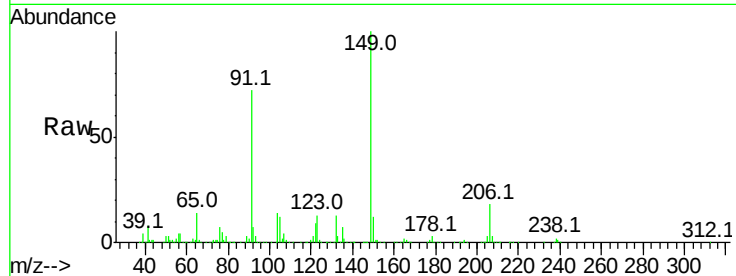




#79
Butylbenzylphthalate
Concen: 32.407 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

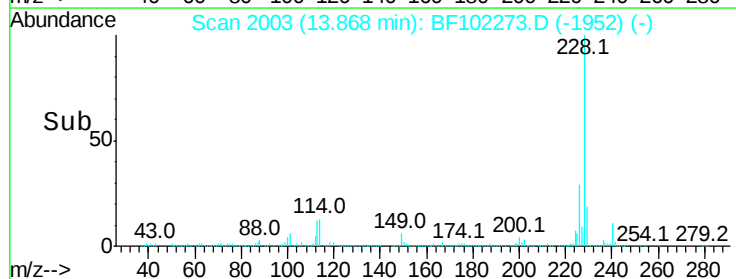
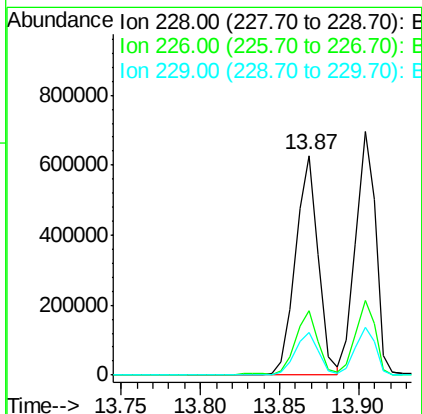
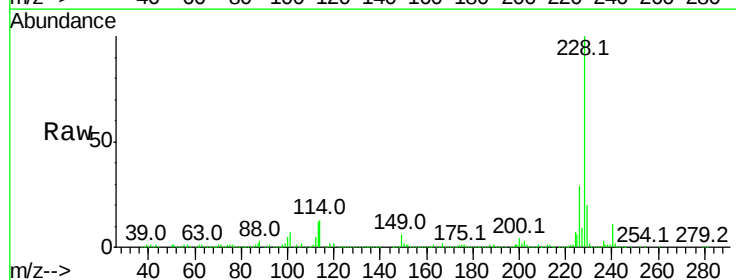
Instrument :
BNA_F
ClientSampled :

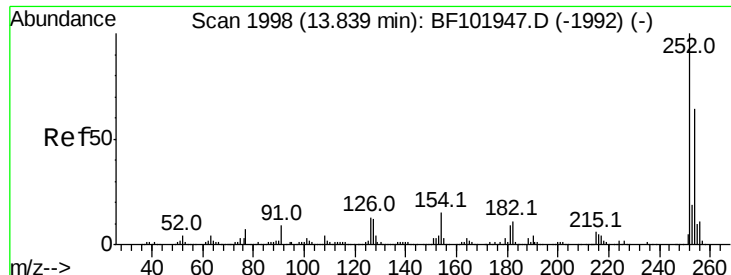
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.136 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	19.5	15.8	23.6

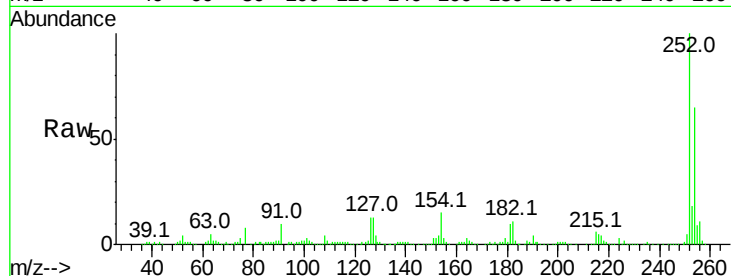




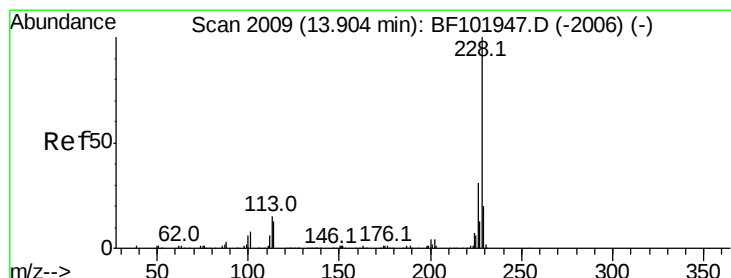
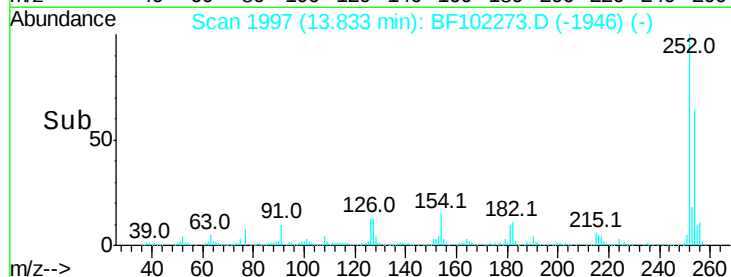
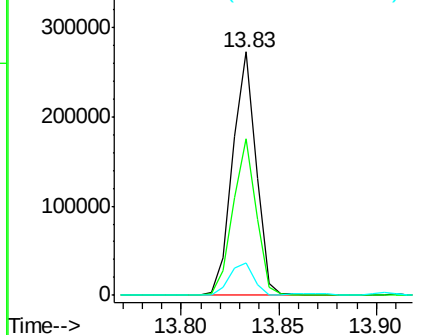
#81
 3,3'-Dichlorobenzidine
 Concen: 36.849 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	13.1	11.3	16.9

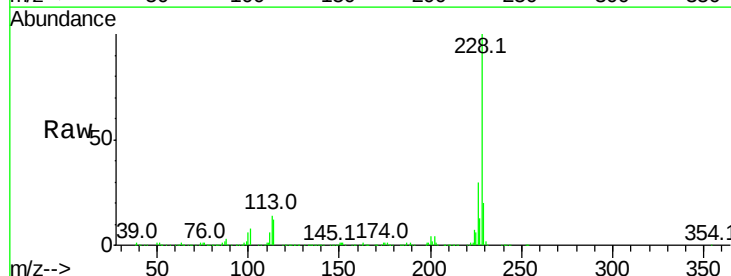


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

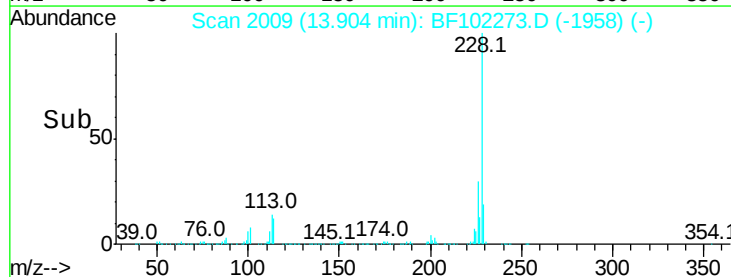
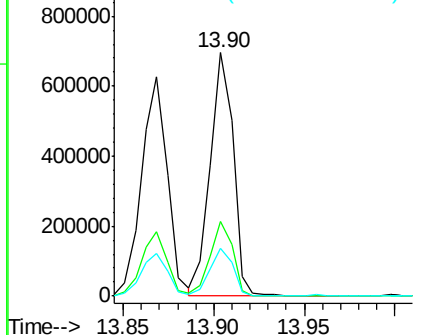


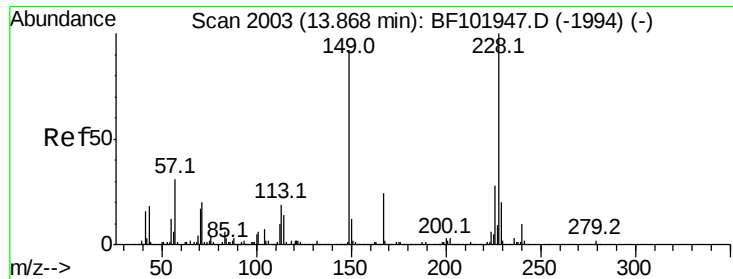
#82
 Chrysene
 Concen: 35.153 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.7	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

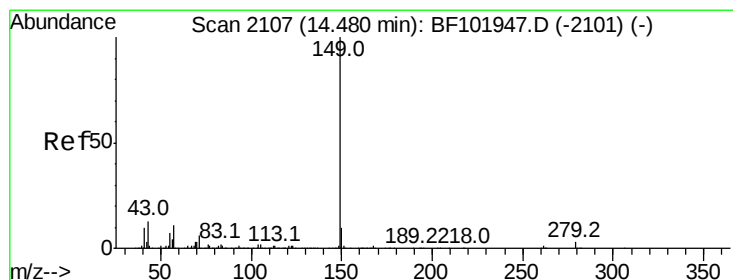
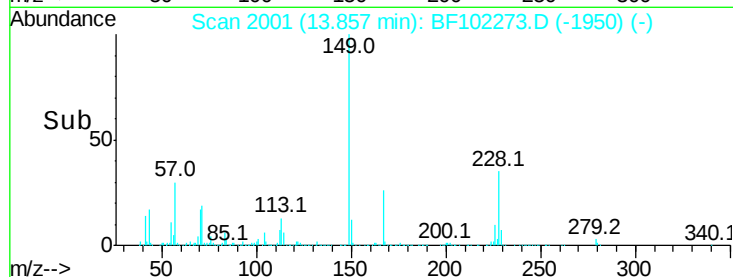
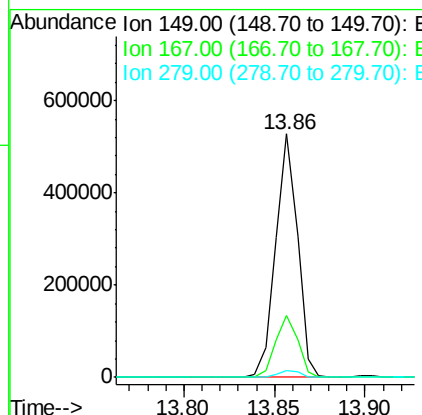
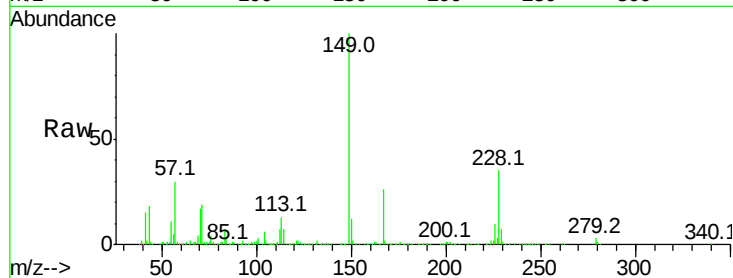




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.460 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

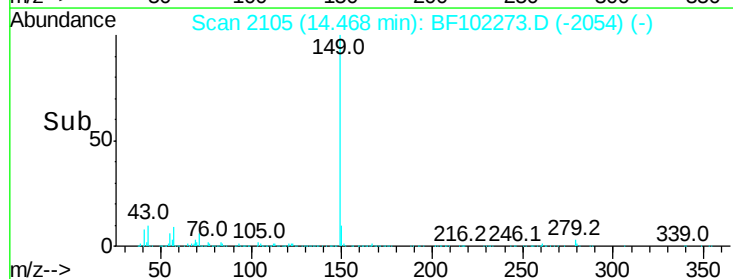
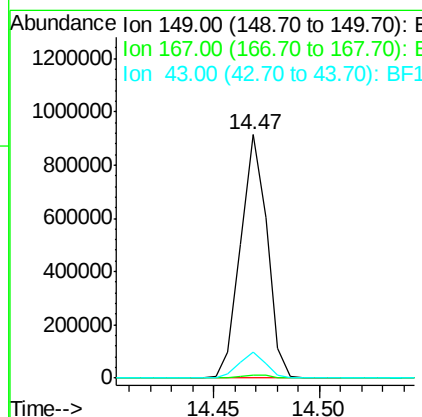
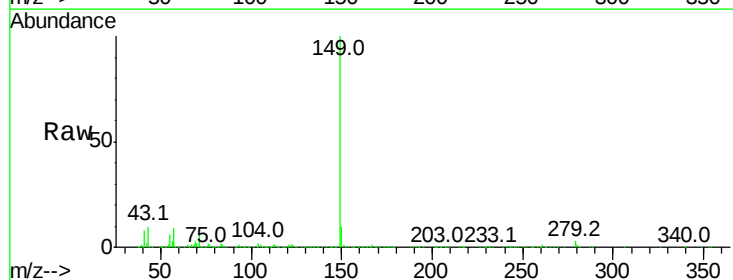
Instrument :
 BNA_F
 ClientSampleId :

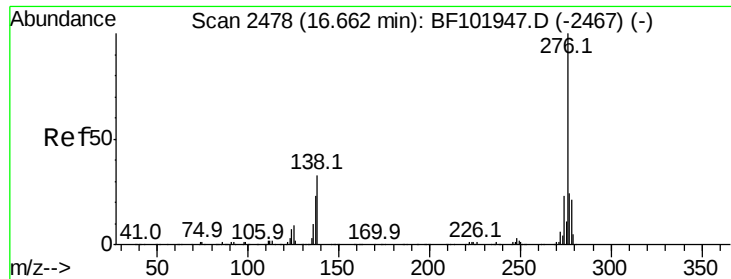
Tot Ion:149 Resp: 444358
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 39.180 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion:149 Resp: 792390
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.3 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.057 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampled :

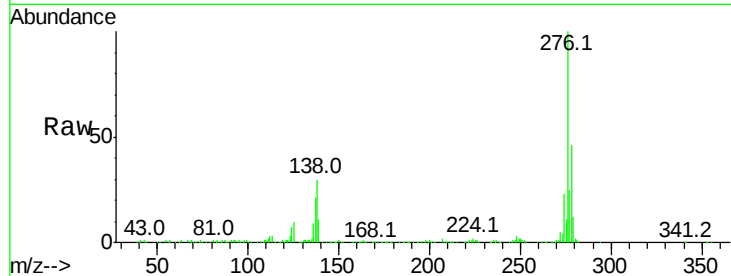
Tot Ion:276 Resp: 444577

Ion Ratio Lower Upper

276 100

138 32.9 25.0 37.6

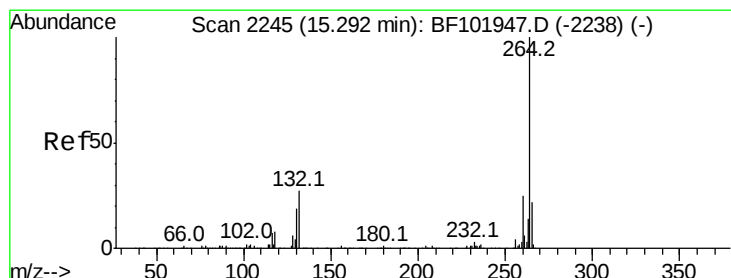
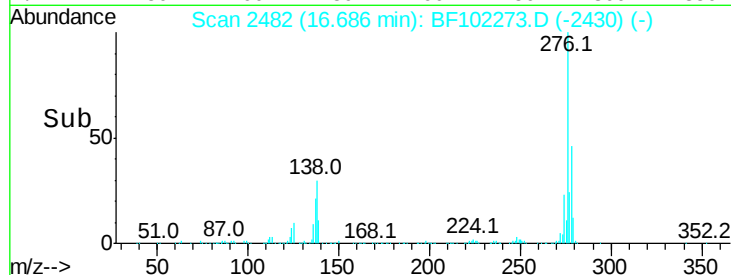
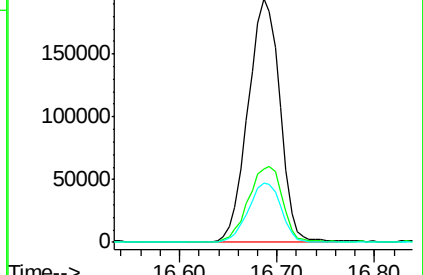
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

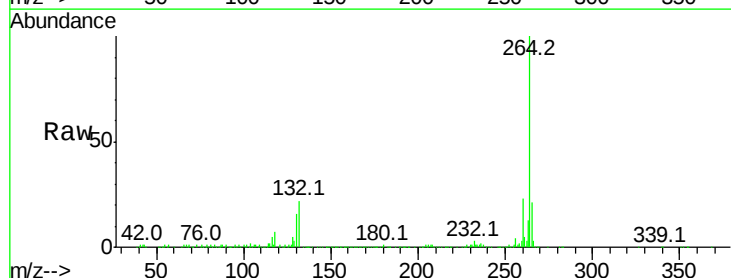
Tgt Ion:264 Resp: 232884

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

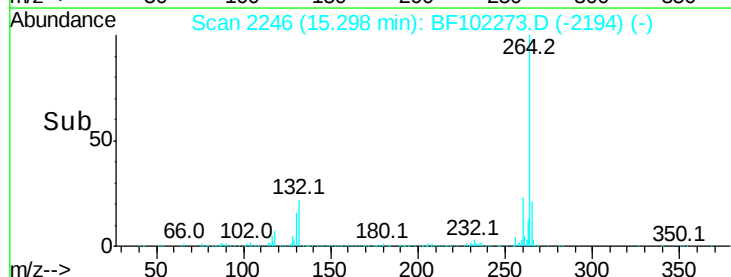
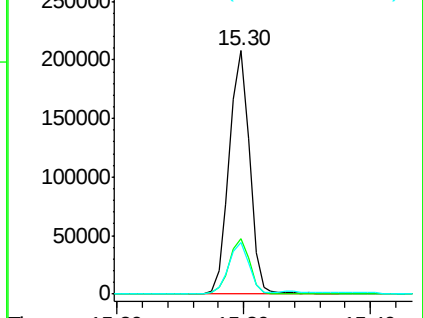
265 21.4 17.5 26.3

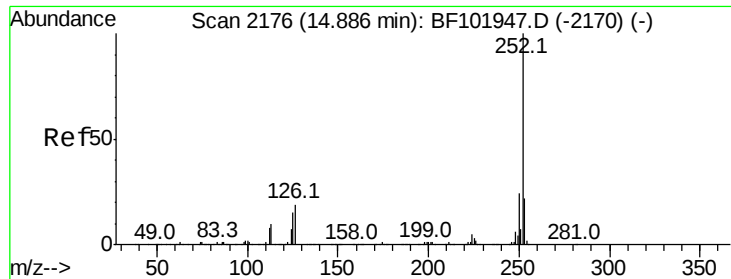


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.463 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.00 min

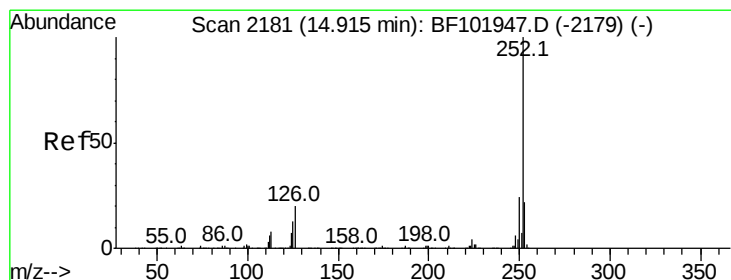
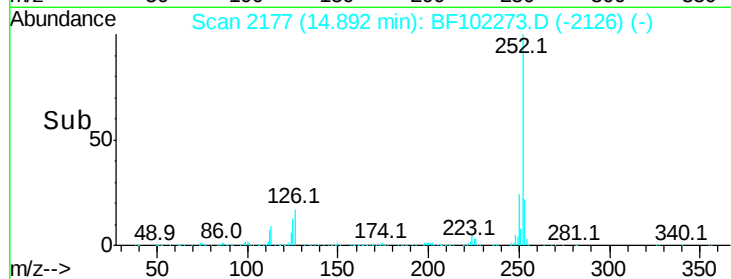
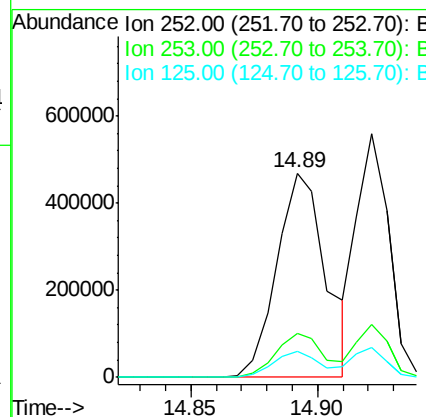
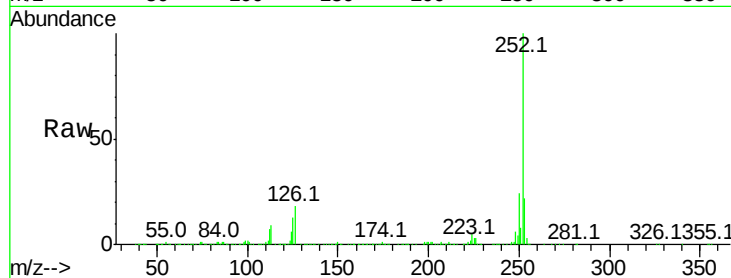
Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 629607

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	13.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 33.729 ng

RT: 14.92 min Scan# 2182

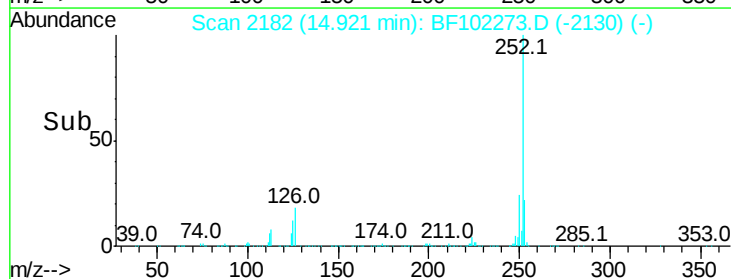
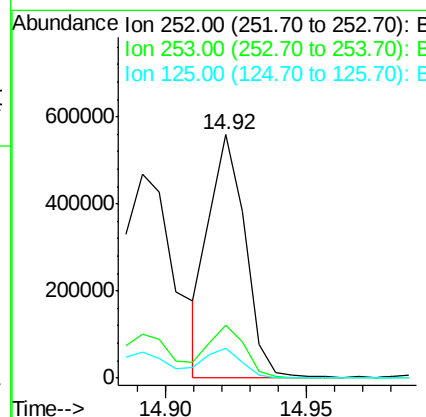
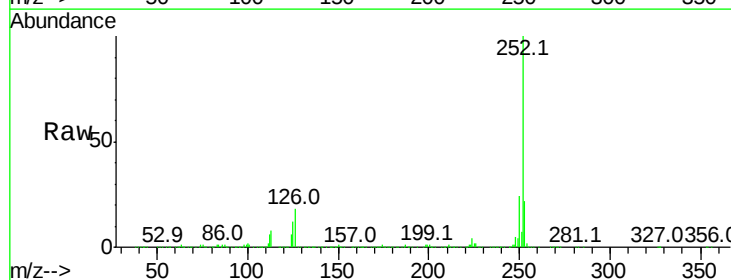
Delta R.T. 0.01 min

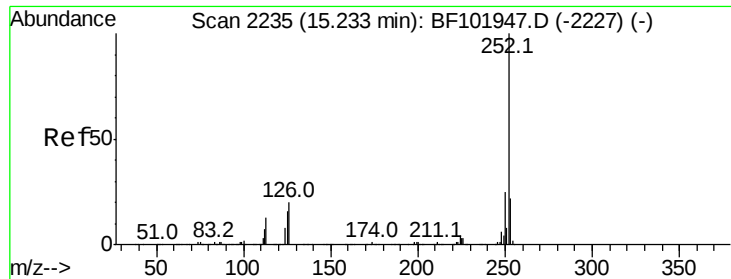
Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:252 Resp: 494076

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 37.823 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampled :

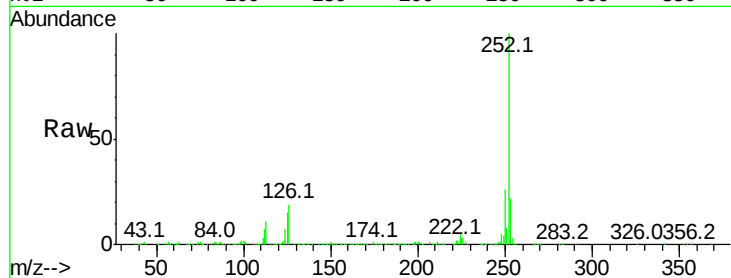
Tot Ion:252 Resp: 516824

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

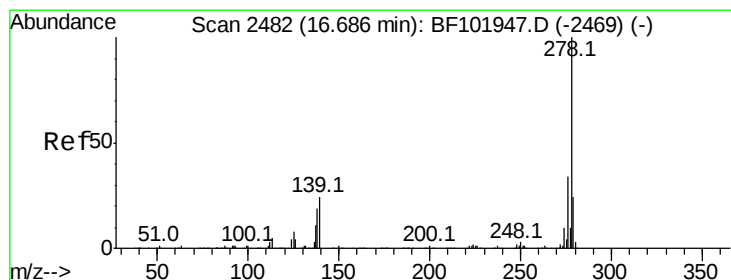
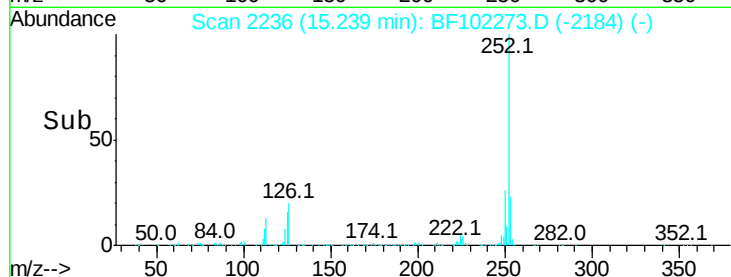
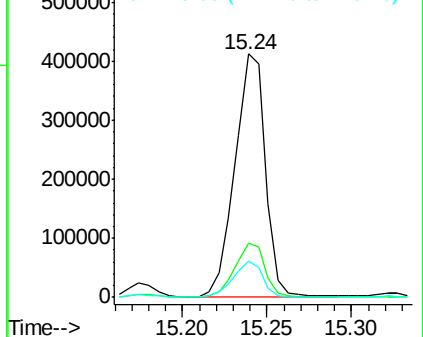
125 14.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.769 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

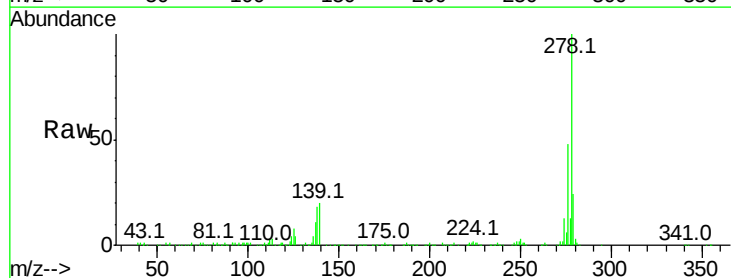
Tgt Ion:278 Resp: 368233

Ion Ratio Lower Upper

278 100

139 20.1 15.9 23.9

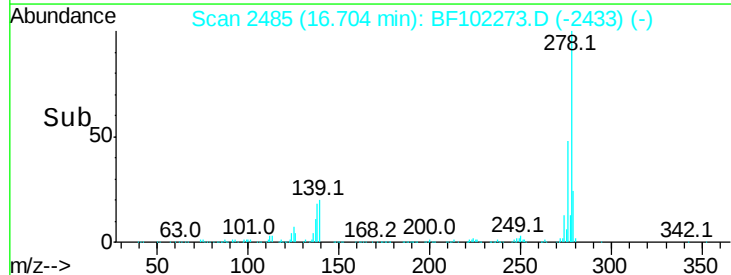
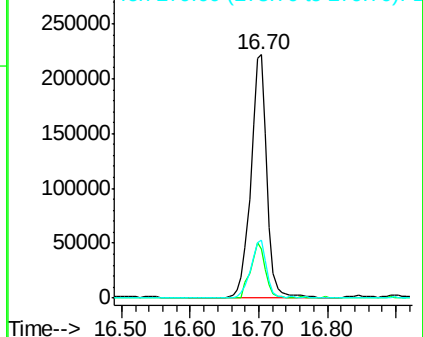
279 23.8 19.0 28.4

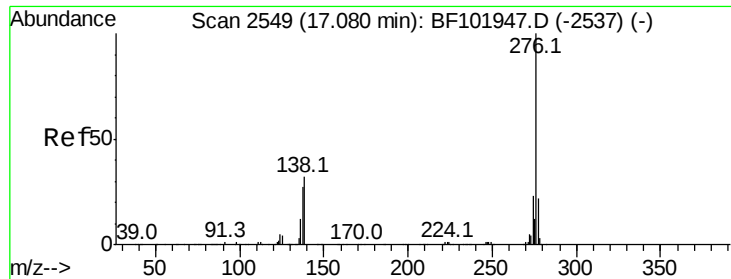


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 32.999 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. 0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	29.7	21.8	32.8

