

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103146.D
 Acq On : 21 Feb 2018 19:39
 Operator : SJ/JU
 Sample : J1619-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SLUDGE-PITMS

Quant Time: Feb 22 00:37:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175015	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	716972	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	302944	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	428114	20.00	ng	0.00
75) Chrysene-d12	14.06	240	284730	20.00	ng	0.00
86) Perylene-d12	15.54	264	245653	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1213470	105.30	ng	0.03
7) Phenol-d6	6.52	99	1357830	97.85	ng	0.01
23) Nitrobenzene-d5	7.45	82	1035148	100.16	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	280669	115.11	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1540000	84.35	ng	0.00
78) Terphenyl-d14	12.99	244	1129936	93.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	199023	34.965	ng	# 74
3) Pyridine	3.61	79	389701	24.780	ng	96
4) n-Nitrosodimethylamine	3.50	42	265651	39.481	ng	97
6) Aniline	6.55	93	140503	6.857	ng	# 85
8) 2-Chlorophenol	6.67	128	488032	41.134	ng	93
10) Phenol	6.53	94	527784	35.492	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	498019	40.247	ng	90
12) 1,3-Dichlorobenzene	6.82	146	528917	38.497	ng	98
13) 1,4-Dichlorobenzene	6.90	146	526126	38.443	ng	100
14) 1,2-Dichlorobenzene	7.05	146	480937	37.728	ng	98
15) Benzyl Alcohol	7.02	79	402329	37.713	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	855258	36.385	ng	96
17) 2-Methylphenol	7.13	107	419236	38.308	ng	98
18) Hexachloroethane	7.39	117	171750	36.596	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	333877	36.494	ng	98
20) 3+4-Methylphenols	7.29	107	496607	36.798	ng	# 58
22) Acetophenone	7.29	105	651321	37.123	ng	# 92
24) Nitrobenzene	7.47	77	547655	45.047	ng	96
25) Isophorone	7.70	82	1018656	42.803	ng	100
26) 2-Nitrophenol	7.78	139	267979	52.633	ng	98
27) 2,4-Dimethylphenol	7.82	122	455642	45.317	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	638842	45.314	ng	99
29) 2,4-Dichlorophenol	8.02	162	418535	45.790	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	400886	38.770	ng	100
31) Naphthalene	8.19	128	1375037	39.253	ng	100
32) Benzoic acid	7.97	122	468711	60.327	ng	97
33) 4-Chloroaniline	8.23	127	60782	4.028	ng	97
34) Hexachlorobutadiene	8.29	225	201392	38.009	ng	99
35) Caprolactam	8.62	113	116617	36.738	ng	# 81
36) 4-Chloro-3-methylphenol	8.72	107	459040	44.698	ng	99
37) 2-Methylnaphthalene	8.87	142	914044	39.855	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	347481	42.126	ng	99
40) Hexachlorocyclopentadiene	9.02	237	42071	10.729	ng	97
42) 2,4,6-Trichlorophenol	9.16	196	259780	47.948	ng	98

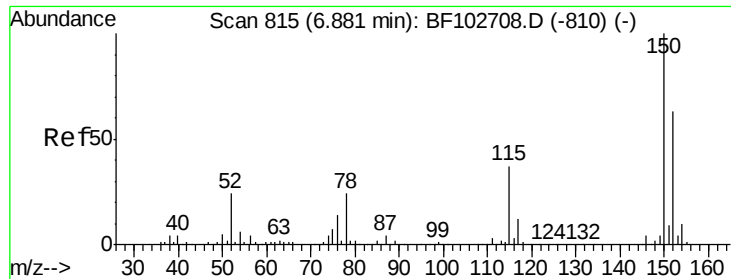
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	265140	43.419	nq	98
45) 1,1'-Biphenyl	9.34	154	1032472	40.463	nq	98
46) 2-Chloronaphthalene	9.37	162	826842	41.161	nq	97
47) 2-Nitroaniline	9.46	65	325276	52.151	nq	86
48) Acenaphthylene	9.78	152	1214655	38.931	nq	99
49) Dimethylphthalate	9.64	163	1060434	44.893	nq	100
50) 2,6-Dinitrotoluene	9.70	165	218179	48.549	nq	92
51) Acenaphthene	9.96	154	701991	37.623	nq	99
52) 3-Nitroaniline	9.87	138	81164	14.678	nq	96
53) 2,4-Dinitrophenol	9.99	184	40057	41.539	nq	# 20
54) Dibenzofuran	10.13	168	1038448	39.492	nq	99
55) 4-Nitrophenol	10.05	139	308119	68.419	nq	92
56) 2,4-Dinitrotoluene	10.12	165	267842	44.668	nq	92
57) Fluorene	10.47	166	778840	40.709	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	189276	44.721	nq	98
59) Diethylphthalate	10.34	149	967468	41.480	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	358507	42.360	nq	99
61) 4-Nitroaniline	10.49	138	220042	41.806	nq	94
62) Azobenzene	10.62	77	907799	38.960	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	29505	23.411	nq	94
65) n-Nitrosodiphenylamine	10.58	169	717095	47.487	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	216347	47.773	nq	98
67) Hexachlorobenzene	11.02	284	211676	42.370	nq	# 89
68) Atrazine	11.10	200	176219	39.556	nq	97
69) Pentachlorophenol	11.22	266	205154	69.954	nq	100
70) Phenanthrene	11.43	178	989910	41.518	nq	99
71) Anthracene	11.49	178	1014740	41.844	nq	99
72) Carbazole	11.64	167	968058	40.746	nq	99
73) Di-n-butylphthalate	11.96	149	1357839	47.049	nq	100
74) Fluoranthene	12.62	202	926682	38.629	nq	97
76) Benzidine	12.74	184	183752	14.042	nq	97
77) Pyrene	12.86	202	937989	42.011	nq	99
79) Butylbenzylphthalate	13.46	149	518612	48.548	nq	96
80) Benzo(a)anthracene	14.04	228	833002	46.519	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	227030	34.194	nq	98
82) Chrysene	14.08	228	774618	42.913	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	701155	51.264	nq	99
84) Di-n-octyl phthalate	14.63	149	1193872	58.133	nq	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	607575	40.583	nq	97
87) Benzo(b)fluoranthene	15.11	252	692423	43.476	nq	98
88) Benzo(k)fluoranthene	15.14	252	697838	45.857	nq	98
89) Benzo(a)pyrene	15.49	252	636136	44.374	nq	97
90) Dibenzo(a,h)anthracene	17.07	278	507902	43.649	nq	99
91) Benzo(g,h,i)perylene	17.53	276	508407	44.639	nq	99

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

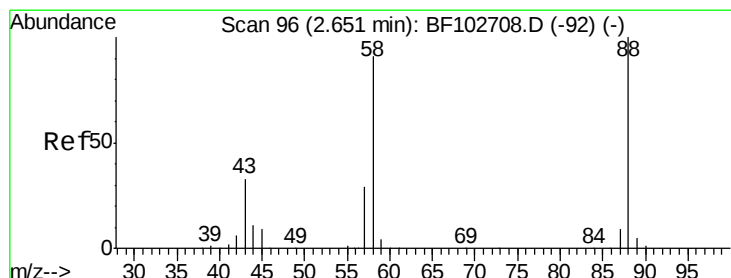
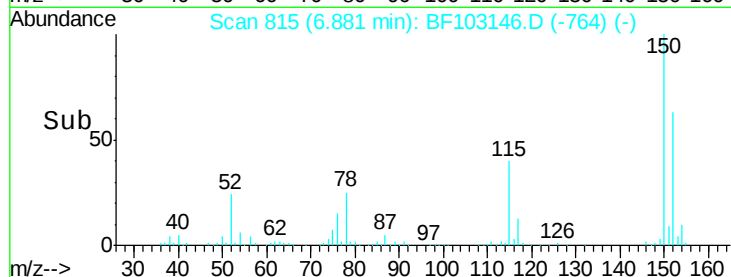
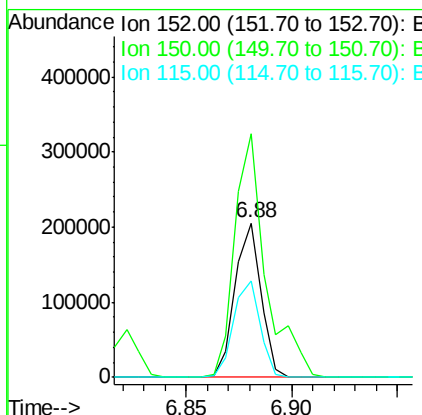
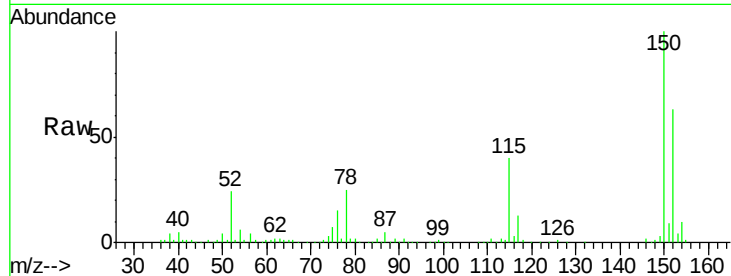


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

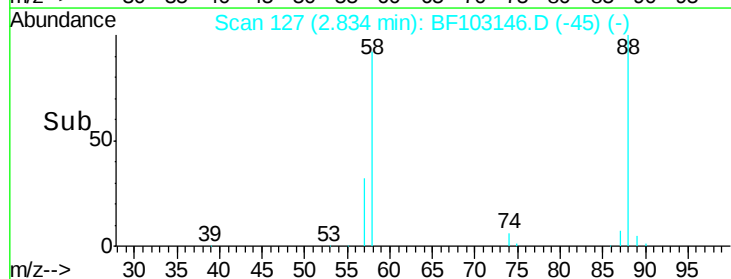
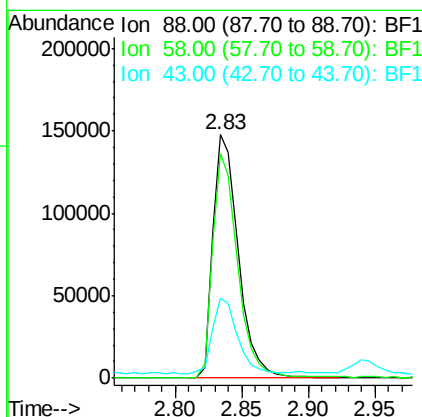
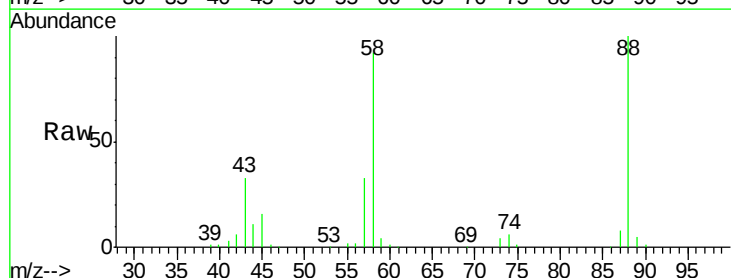
Tot Ion:152 Resp: 175015
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.4 50.1 75.1

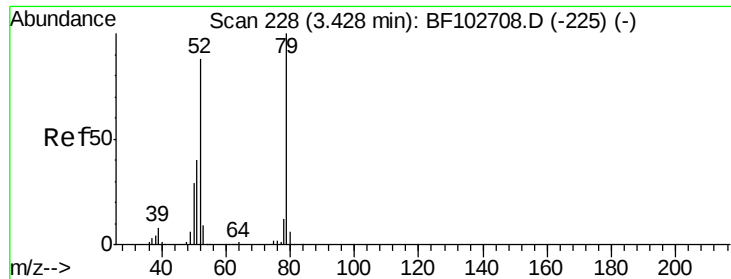


#2

1,4-Dioxane
Concen: 34.965 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.18 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion: 88 Resp: 199023
Ion Ratio Lower Upper
88 100
58 91.0 62.6 93.8
43 0.0 24.6 37.0#





#3

Pvridine

Concen: 24.780 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.18 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

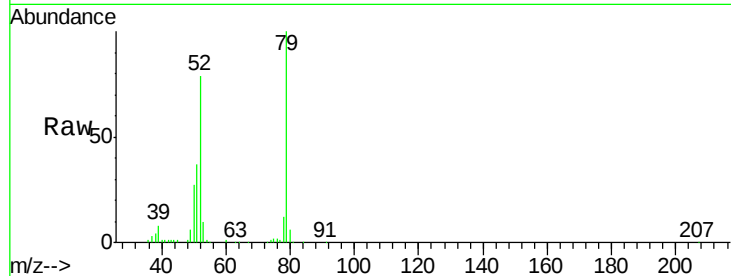
Tot Ion: 79 Resp: 389701

Ion Ratio Lower Upper

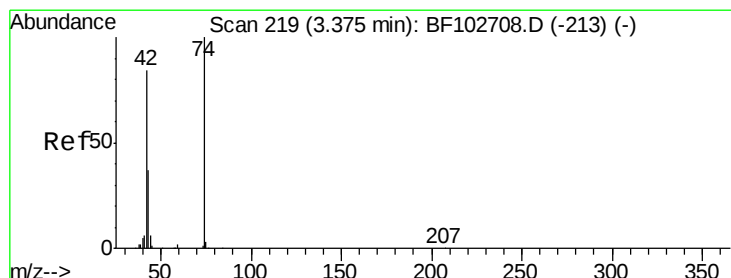
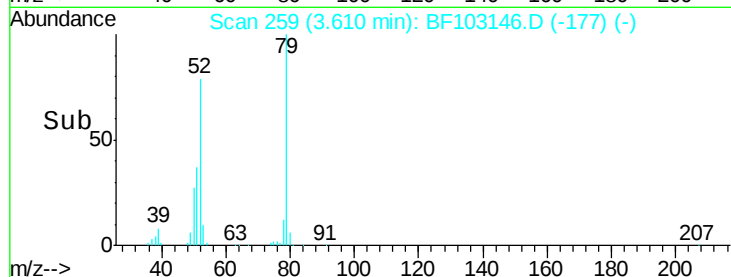
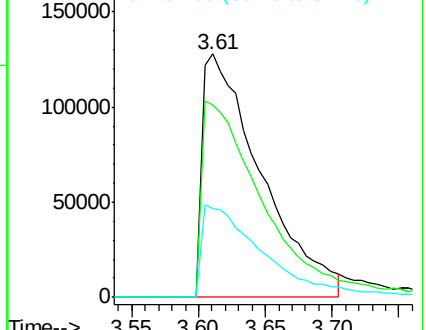
79 100

52 78.9 59.8 89.6

51 36.5 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: 39.481 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

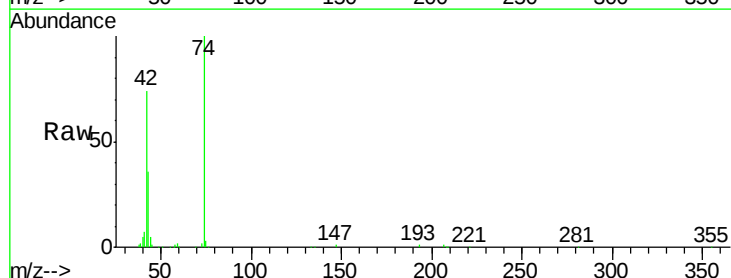
Tgt Ion: 42 Resp: 265651

Ion Ratio Lower Upper

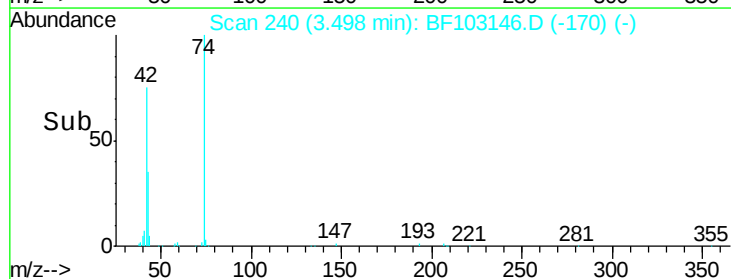
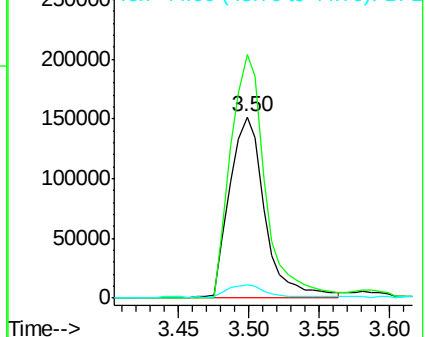
42 100

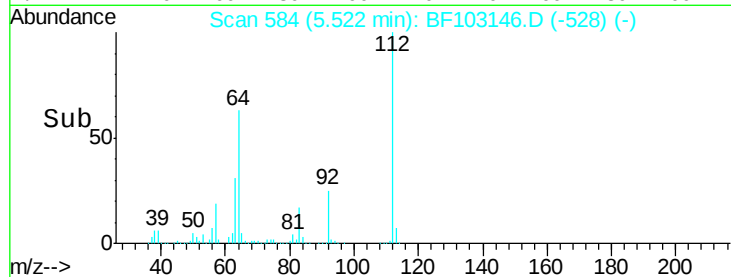
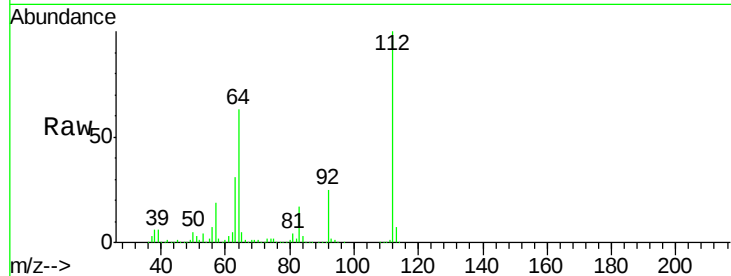
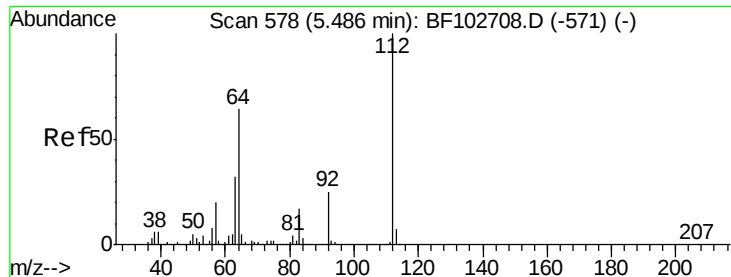
74 134.5 104.9 157.3

44 7.3 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: 105.297 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.03 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

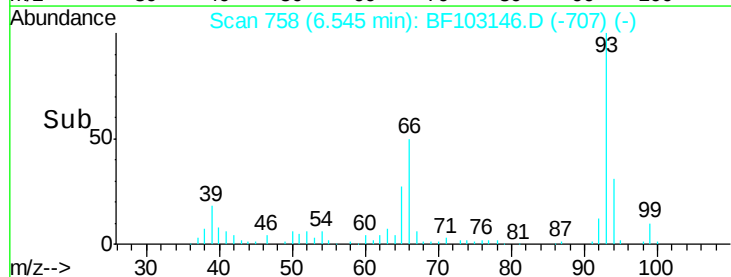
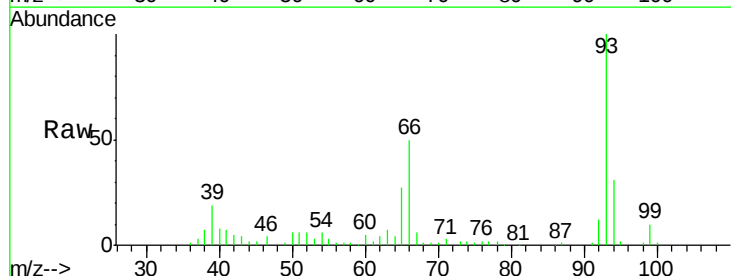
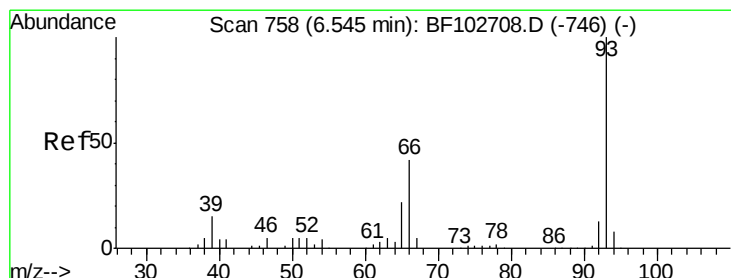
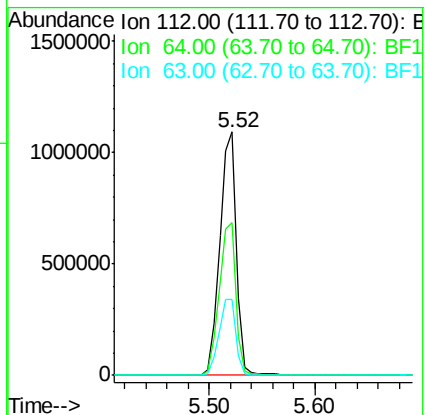
Tot Ion:112 Resp: 1213470

Ion Ratio Lower Upper

112 100

64 62.9 47.9 71.9

63 31.3 23.7 35.5



#6

Aniline

Concen: 6.857 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

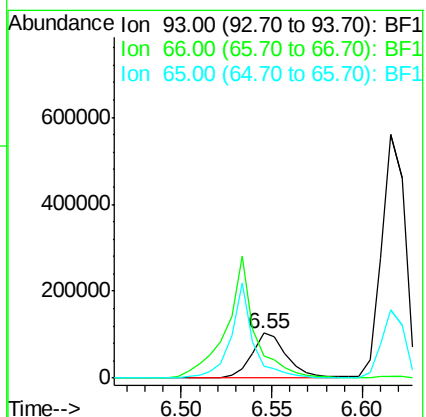
Tgt Ion: 93 Resp: 140503

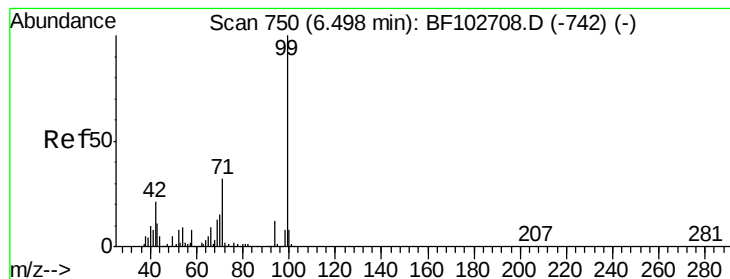
Ion Ratio Lower Upper

93 100

66 50.1 32.2 48.2#

65 27.0 16.4 24.6#





#7

Phenol-d6

Concen: 97.855 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

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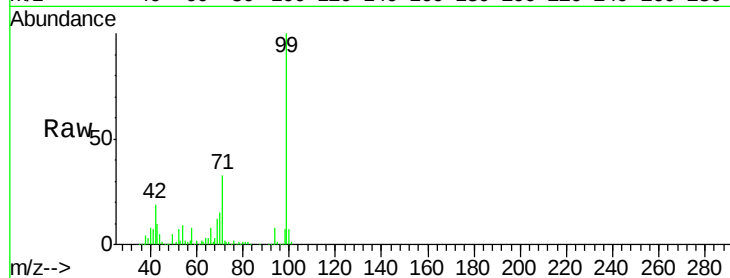
Tot Ion: 99 Resp: 1357830

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

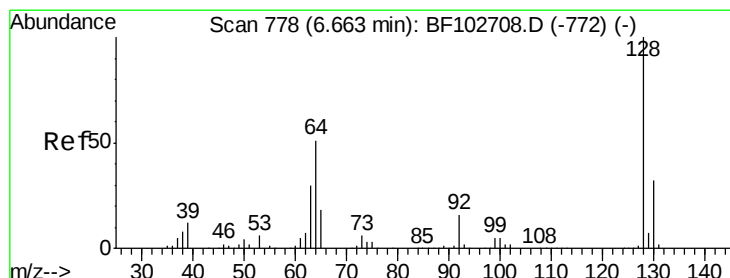
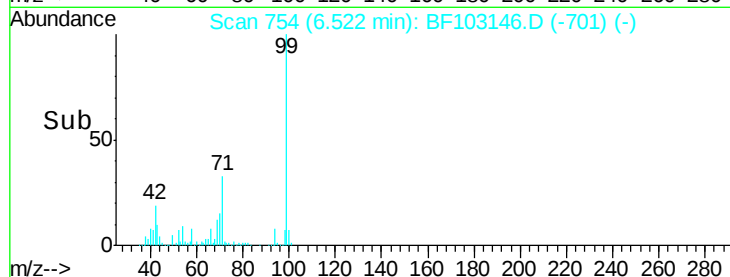
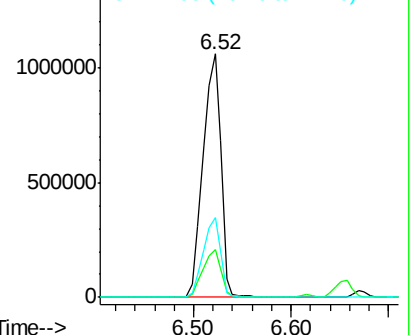
71 32.8 25.4 38.0



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: 41.134 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

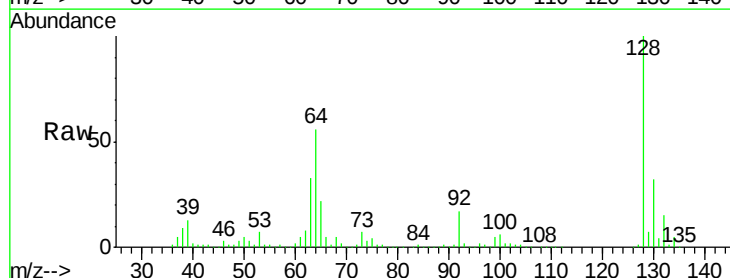
Tgt Ion: 128 Resp: 488032

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

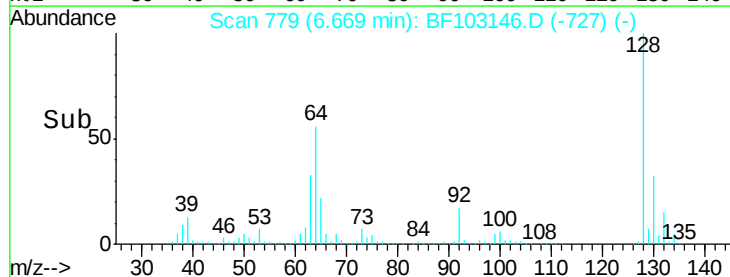
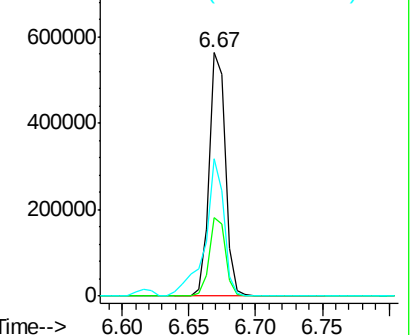
64 56.2 29.4 69.4

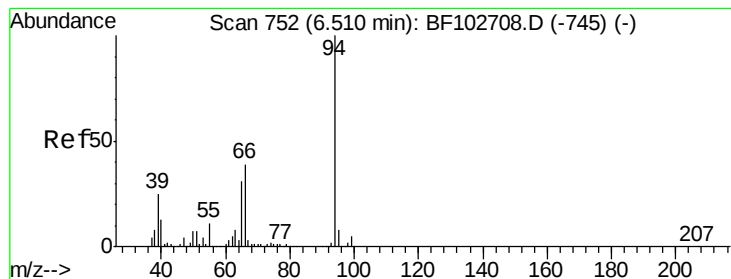


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 35.492 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

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ClientSampleId :

BUS-WASH-SLUDGE-PITMS

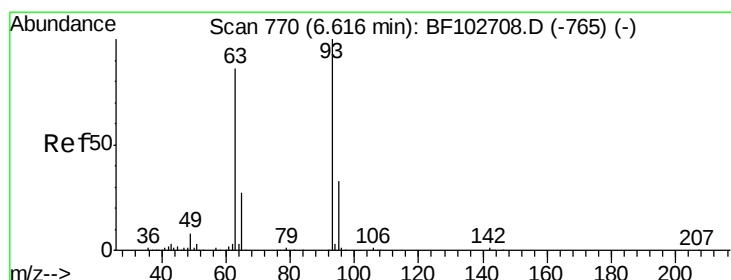
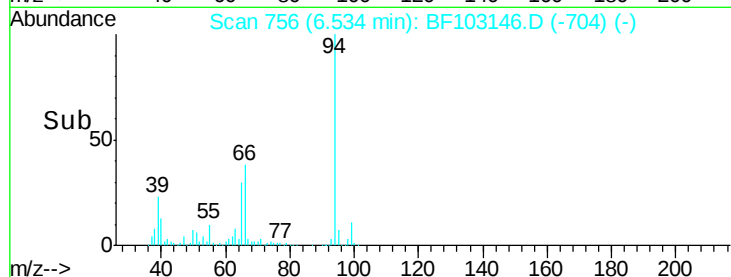
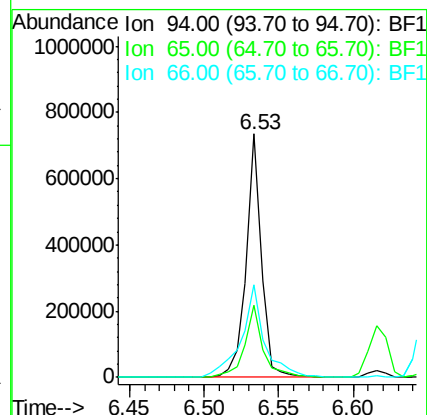
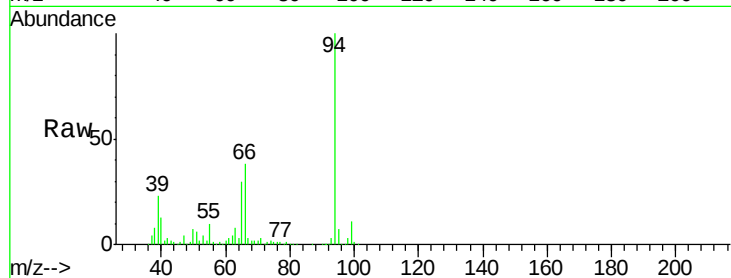
Tot Ion: 94 Resp: 527784

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

66 38.3 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 40.247 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

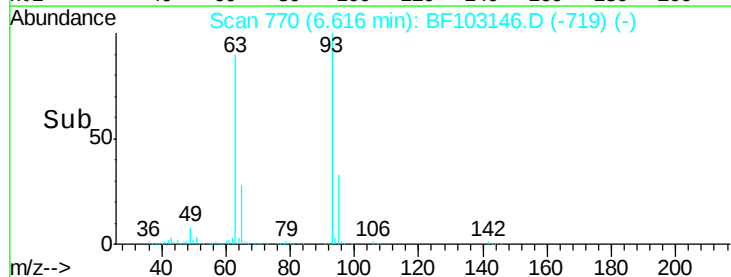
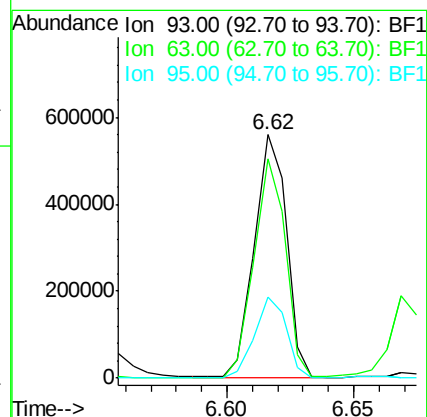
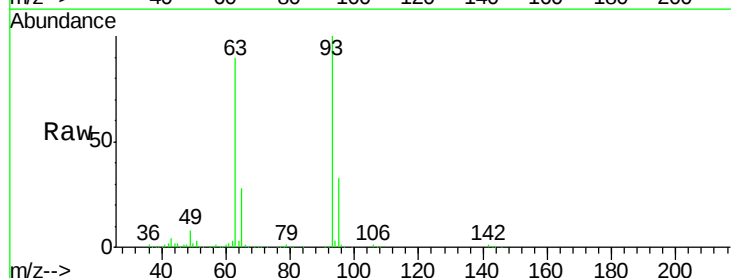
Tgt Ion: 93 Resp: 498019

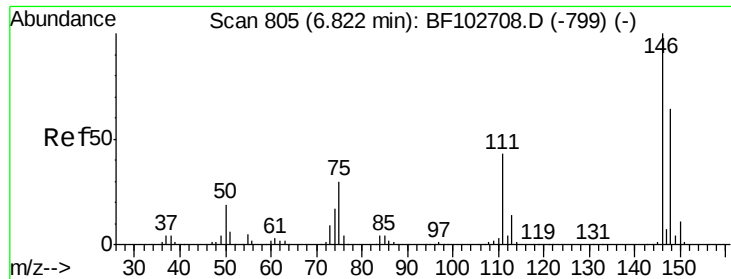
Ion Ratio Lower Upper

93 100

63 90.0 58.6 98.6

95 33.1 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 38.497 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

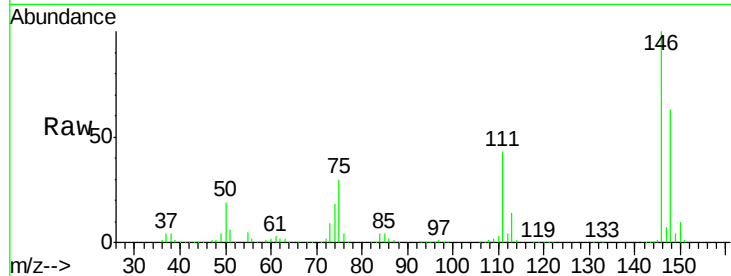
Tot Ion:146 Resp: 528917

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

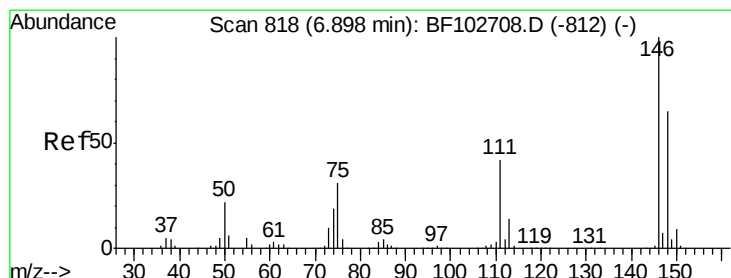
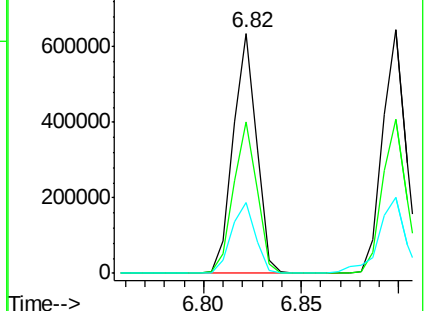
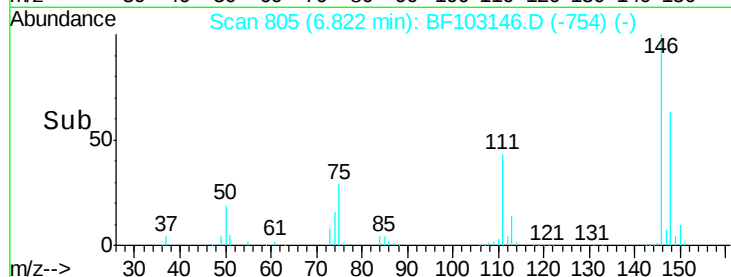
75 29.6 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 38.443 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

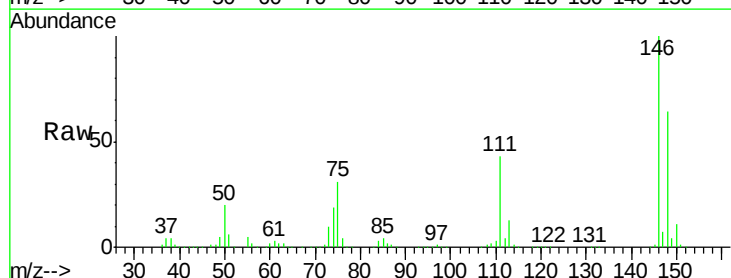
Tgt Ion:146 Resp: 526126

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

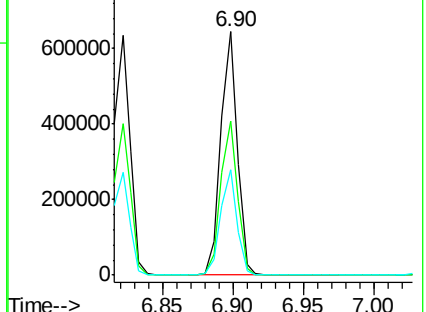
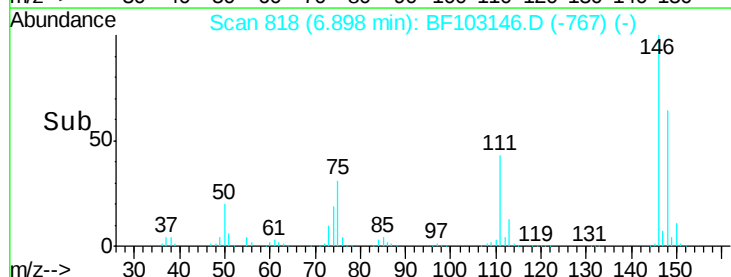
111 43.2 34.2 51.2

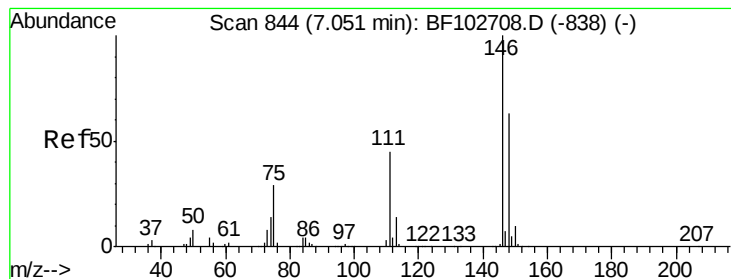


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.728 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

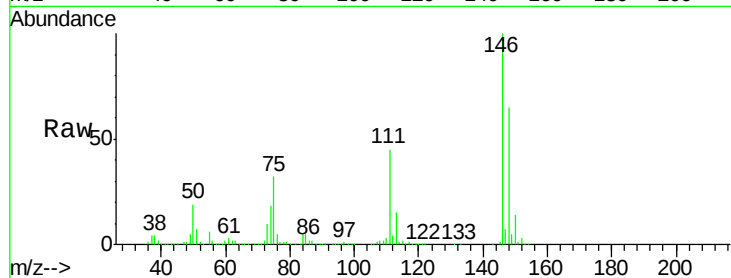
Tot Ion:146 Resp: 480937

Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

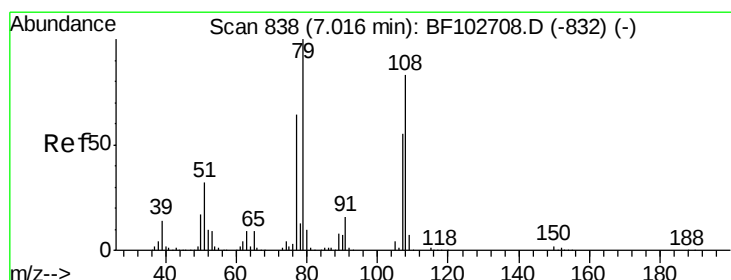
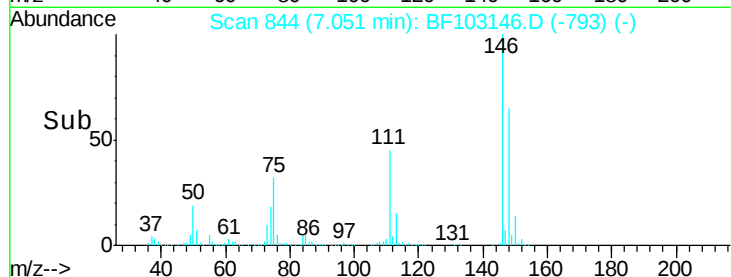
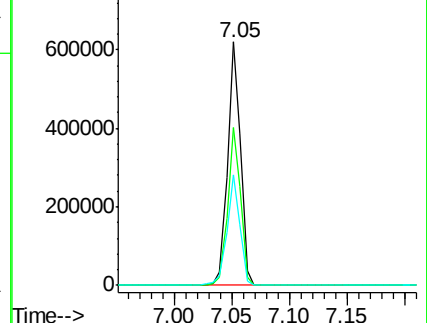
111 45.5 36.0 54.0



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: 37.713 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

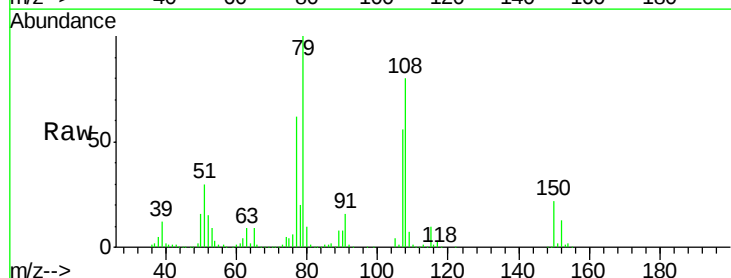
Tgt Ion: 79 Resp: 402329

Ion Ratio Lower Upper

79 100

108 80.4 65.1 97.7

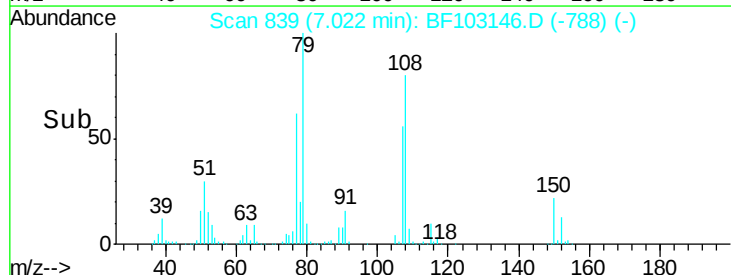
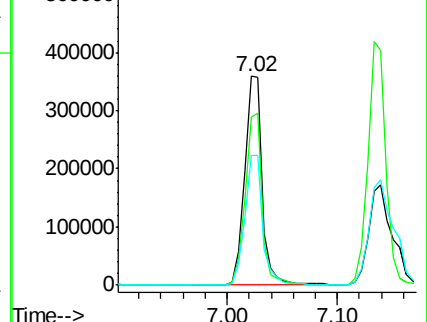
77 62.3 50.6 75.8

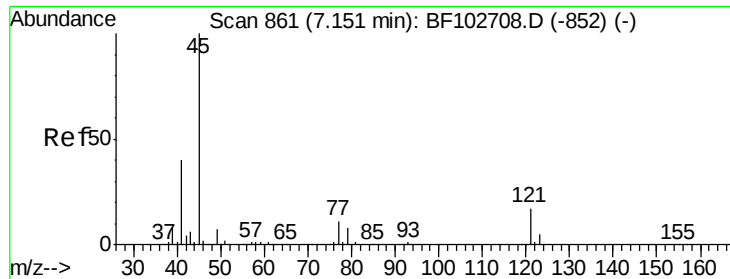


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

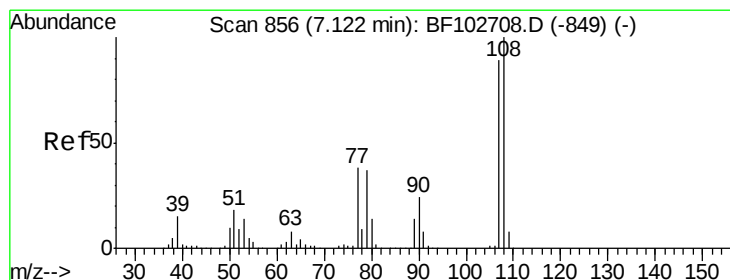
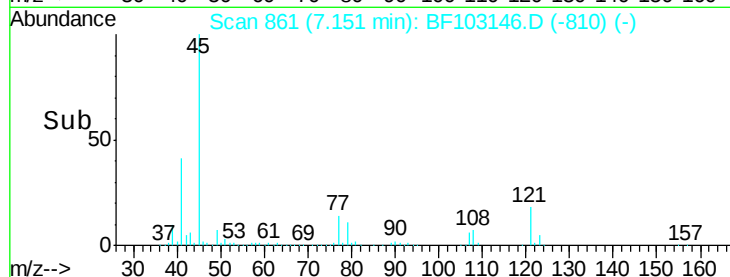
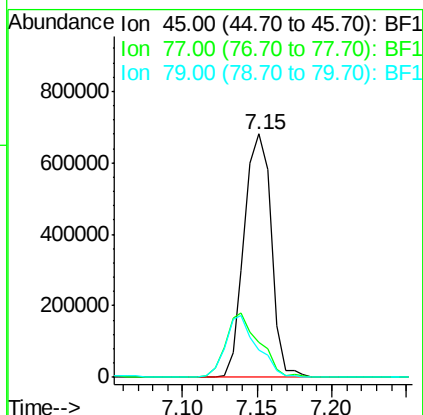
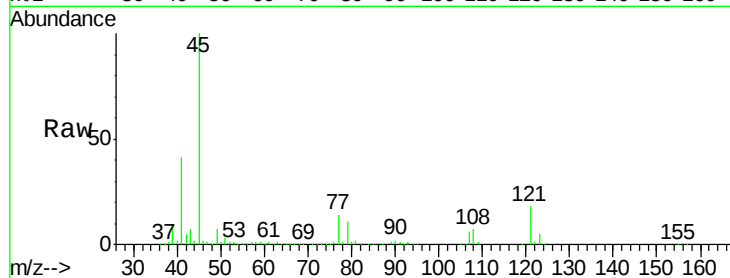




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.385 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

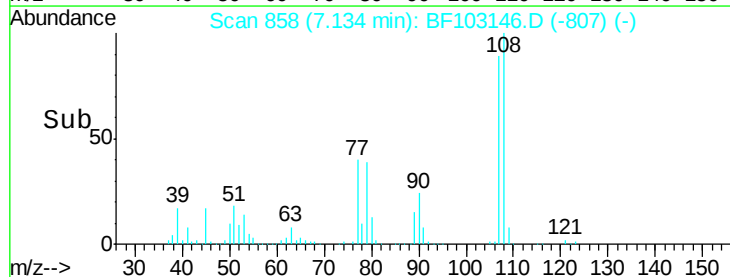
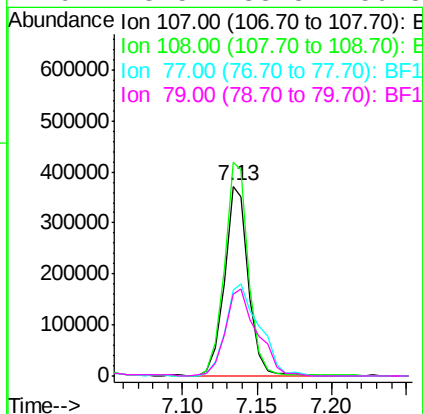
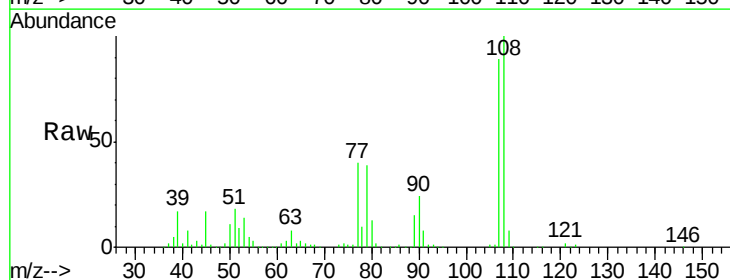
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

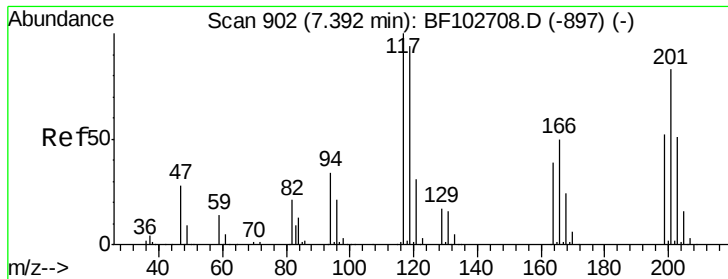
Tot Ion	45	Resp	855258
Ion Ratio	100		
Lower	0.0		
Upper	32.9		
77	14.3		
79	11.4		
Lower	0.0		
Upper	29.6		



#17
2-Methylphenol
Concen: 38.308 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion	107	Resp	419236
Ion Ratio	100		
Lower	91.7		
Upper	137.5		
108	112.5		
77	44.9		
79	43.5		
Lower	33.8		
Upper	50.8		

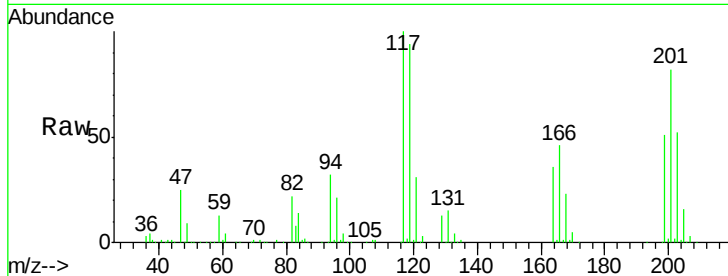




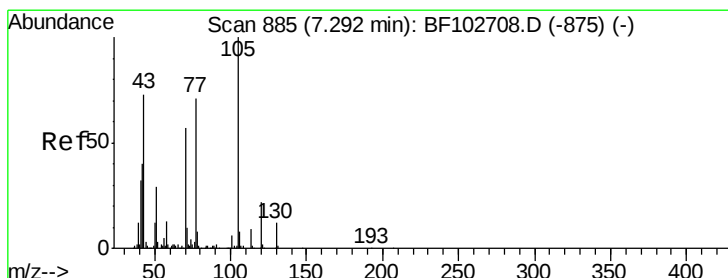
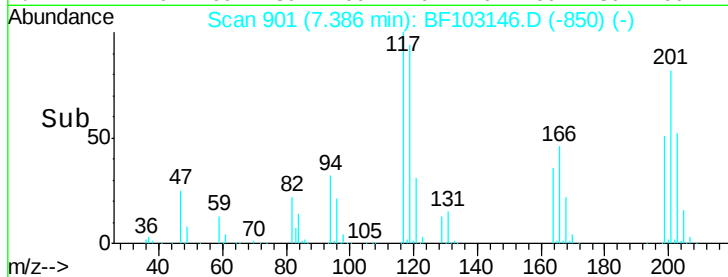
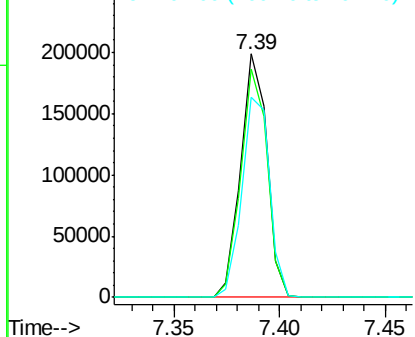
#18
Hexachloroethane
Concen: 36.596 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

Tot Ion:117 Resp: 171750
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
201 82.4 75.7 113.5



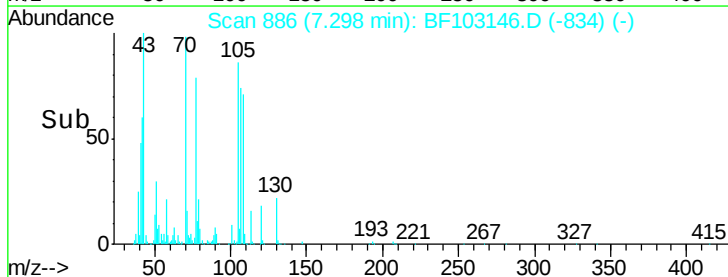
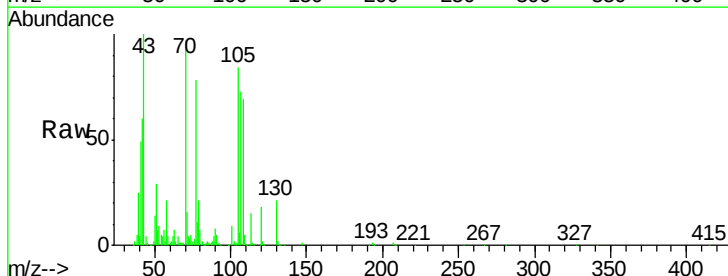
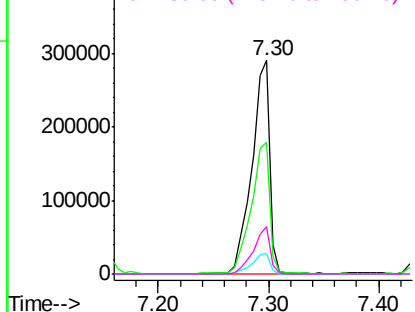
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

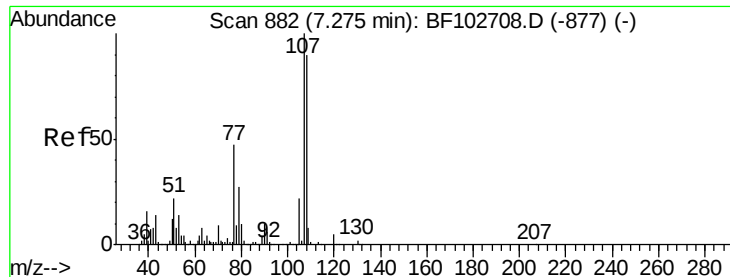


#19
n-Nitroso-di-n-propylamine
Concen: 36.494 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion: 70 Resp: 333877
Ion Ratio Lower Upper
70 100
42 61.5 47.5 71.3
101 9.3 7.4 11.2
130 22.0 16.6 25.0

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

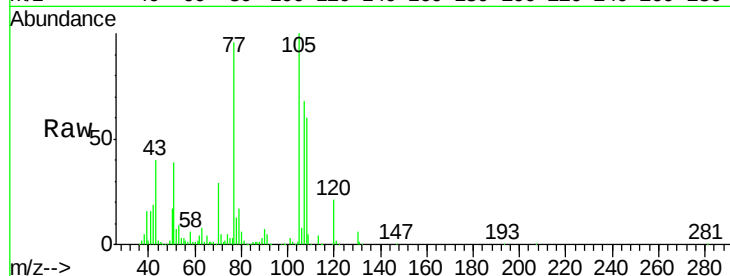




#20
3+4-Methylphenols
Concen: 36.798 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

Tot Ion:107	Resp:	496607
Ion Ratio	Lower	Upper
107	100	
108	88.3	68.2 108.2
77	141.7	26.7 66.7#
79	25.7	6.3 46.3



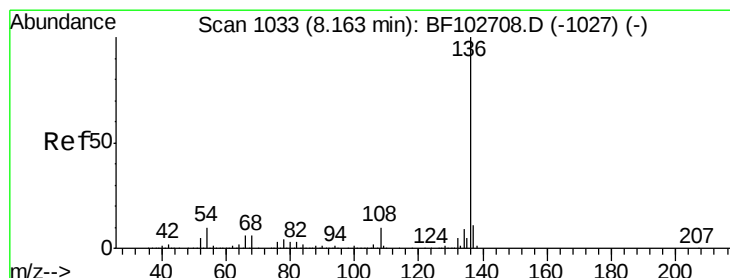
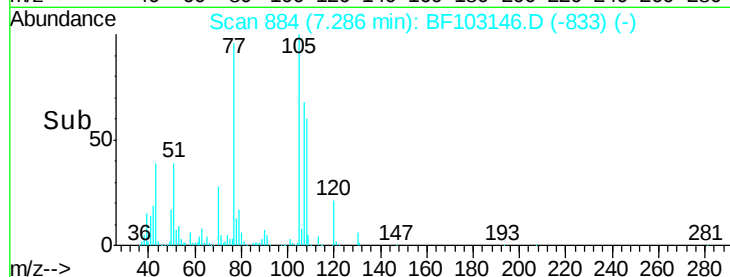
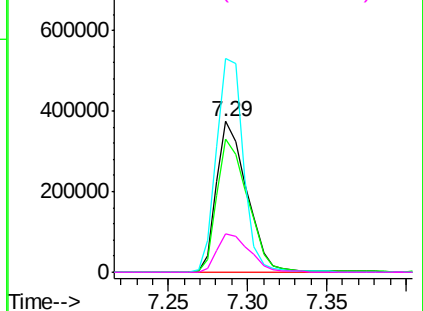
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

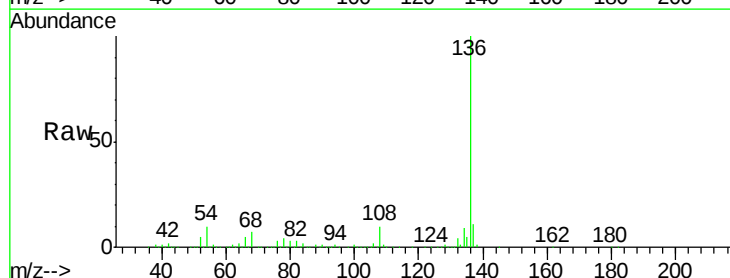
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:136	Resp:	716972
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.7	6.6 9.8
68	6.6	5.0 7.4



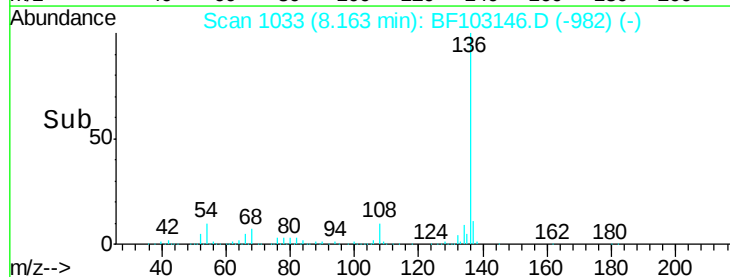
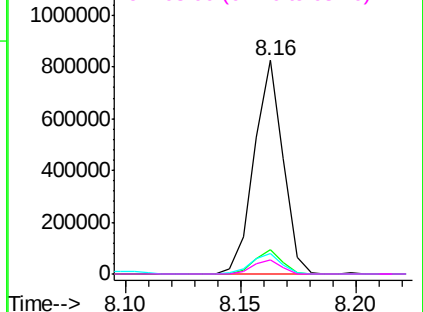
Abundance

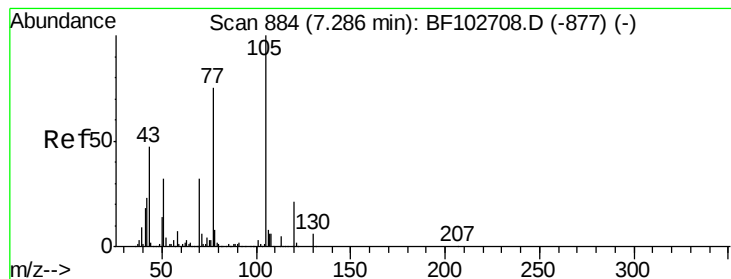
Ion 136.00 (135.70 to 136.70): E

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: 37.123 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

Tot Ion:105 Resp: 651321

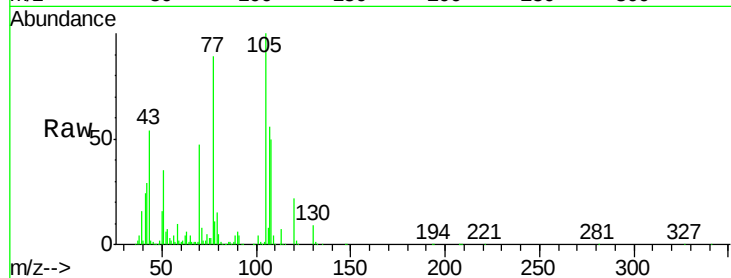
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 34.9 22.3 33.5#

120 22.0 16.9 25.3

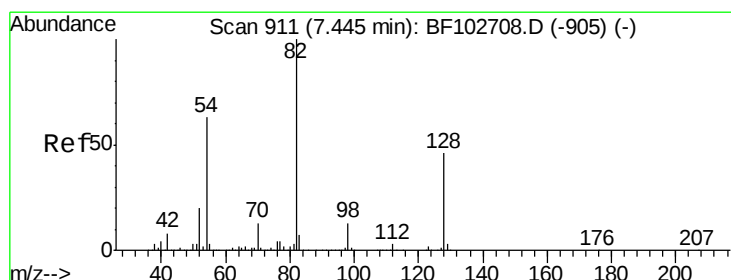
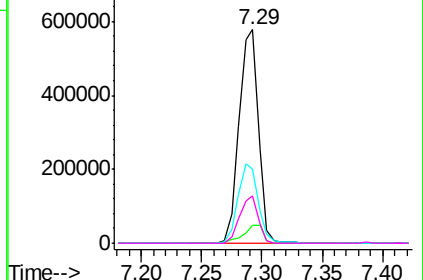
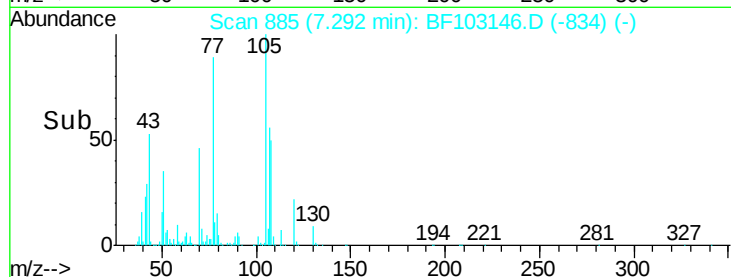


Abundance Ion 105.00 (104.70 to 105.70): E

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: 100.156 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

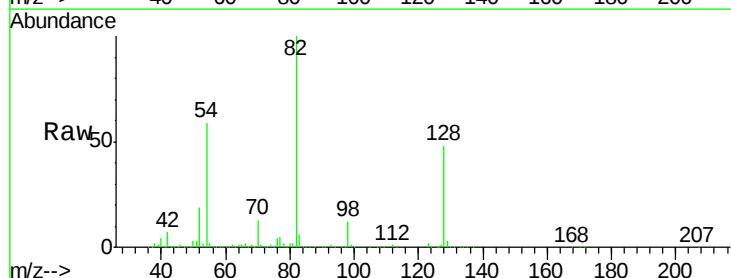
Tgt Ion: 82 Resp: 1035148

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

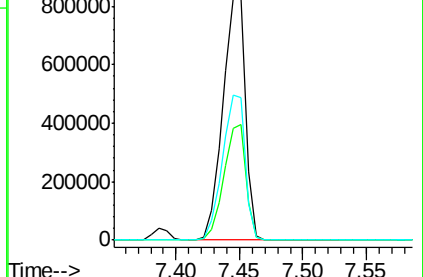
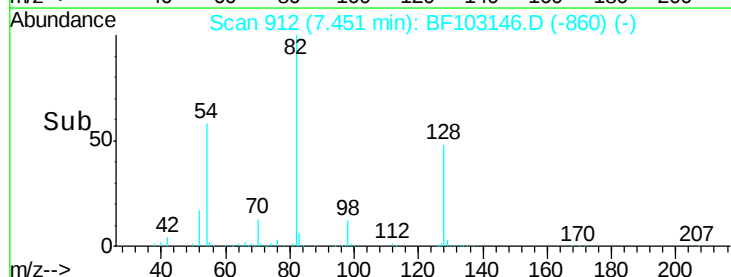
54 58.8 41.4 62.2

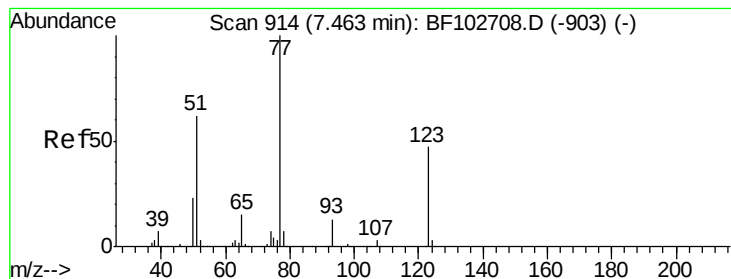


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 45.047 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

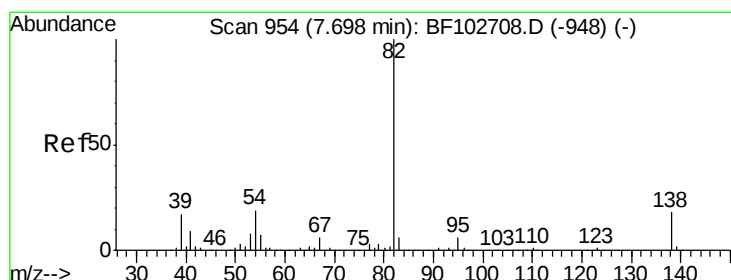
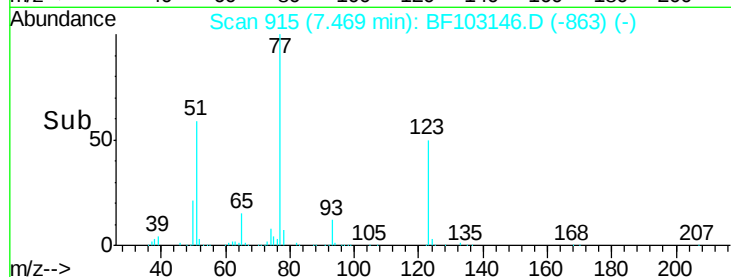
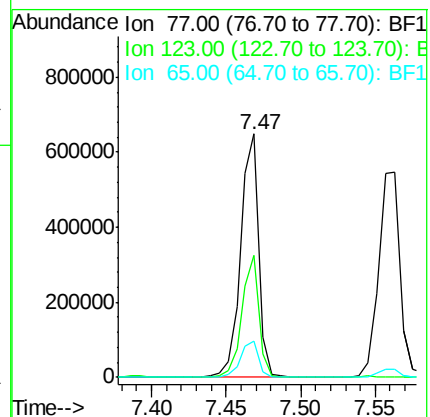
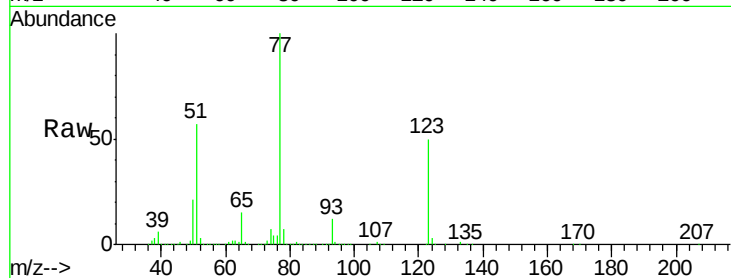
Tot Ion: 77 Resp: 547655

Ion Ratio Lower Upper

77 100

123 50.1 37.9 56.9

65 14.7 11.0 16.4



#25

Isophorone

Concen: 42.803 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

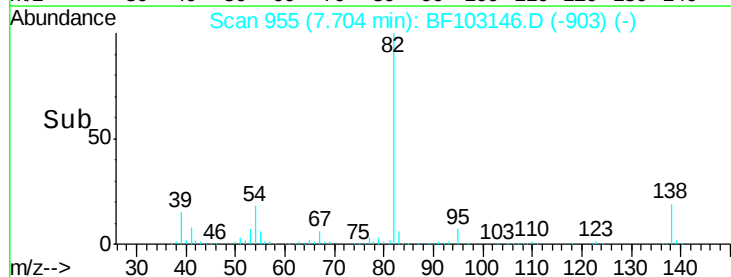
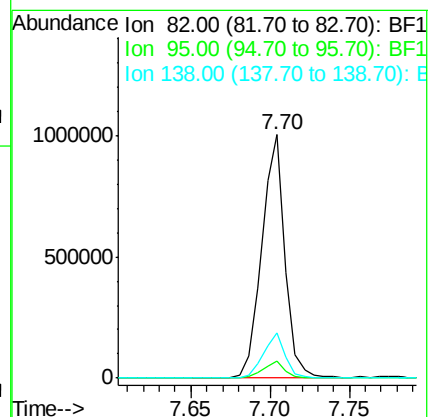
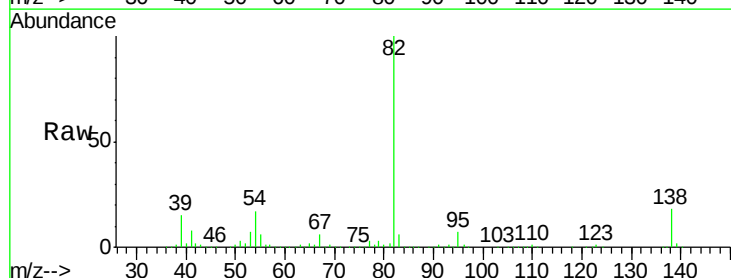
Tgt Ion: 82 Resp: 1018656

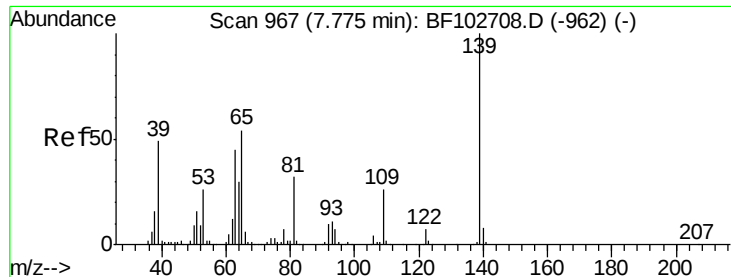
Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.5 14.9 22.3

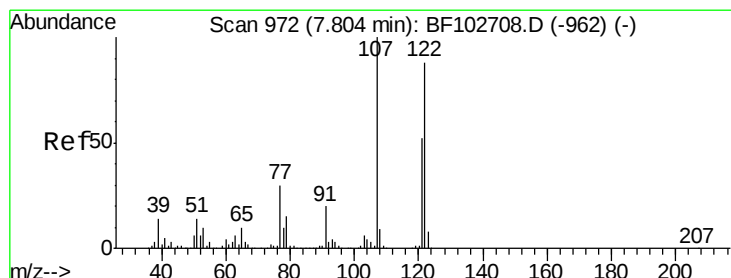
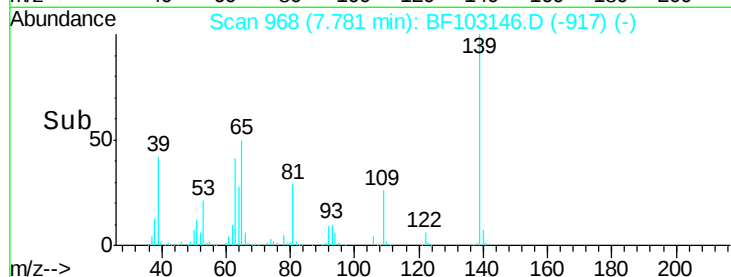
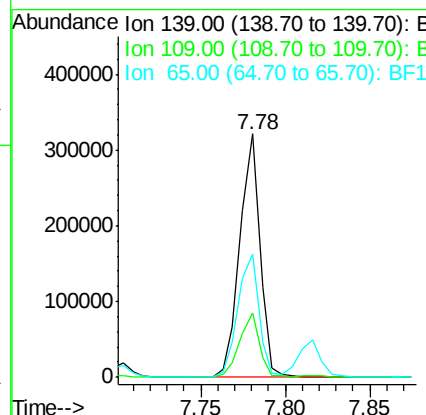
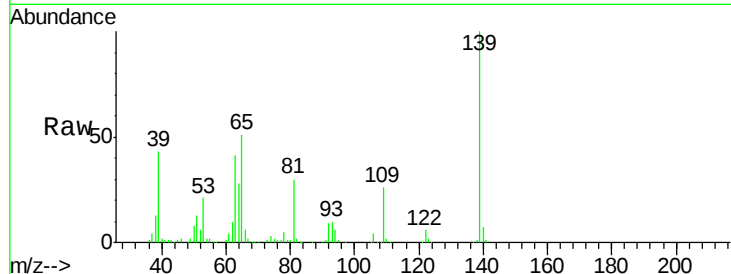




#26
2-Nitrophenol
Concen: 52.633 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

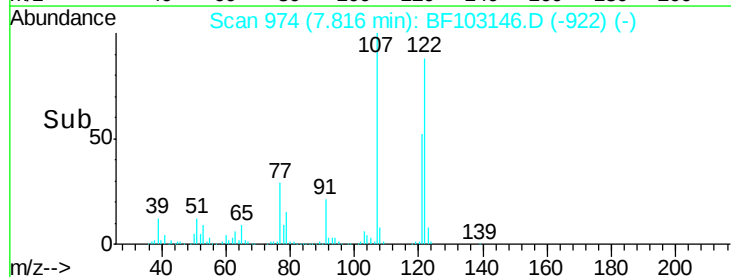
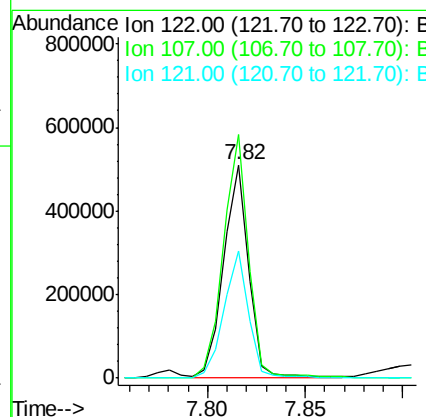
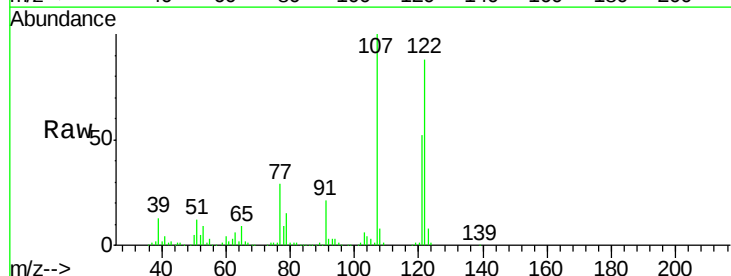
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

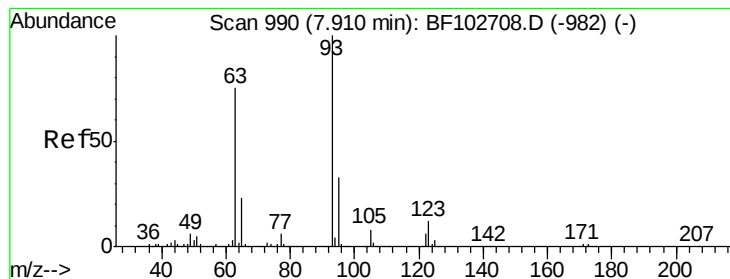
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.3	22.7	34.1
65	50.9	40.5	60.7



#27
2,4-Dimethylphenol
Concen: 45.317 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.2	136.8
121	59.7	47.2	70.8





#28

bis(2-Chloroethoxy)methane

Concen: 45.314 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

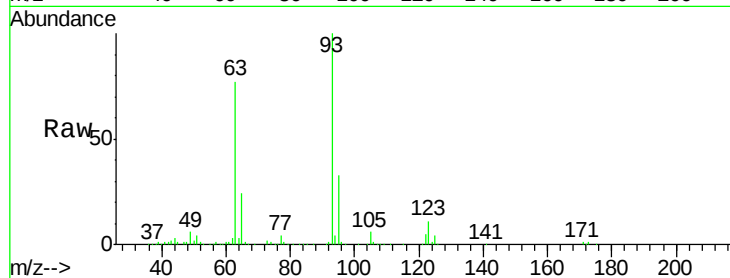
Tot Ion: 93 Resp: 638842

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

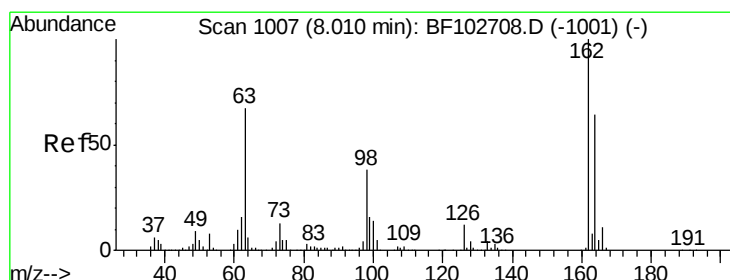
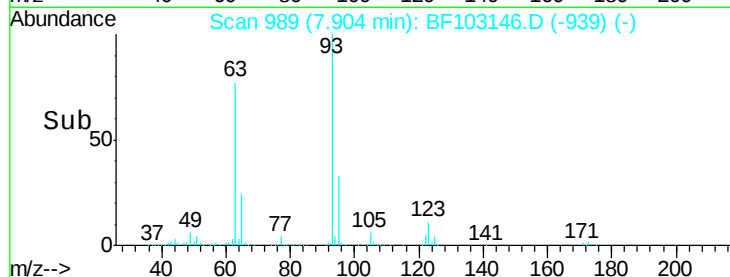
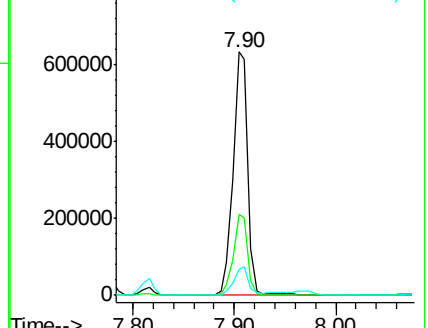
123 10.9 9.8 14.6



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): BF1



#29

2,4-Dichlorophenol

Concen: 45.790 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

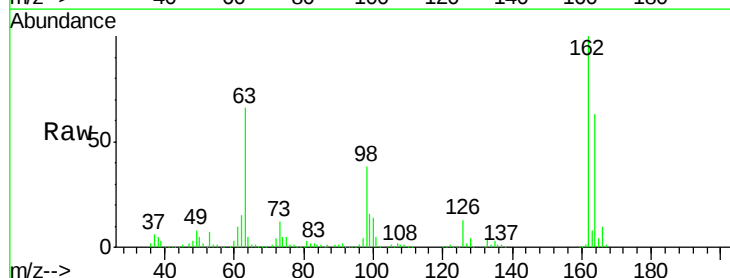
Tgt Ion: 162 Resp: 418535

Ion Ratio Lower Upper

162 100

164 62.8 42.7 82.7

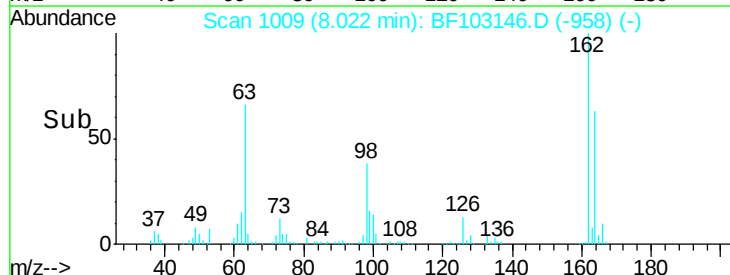
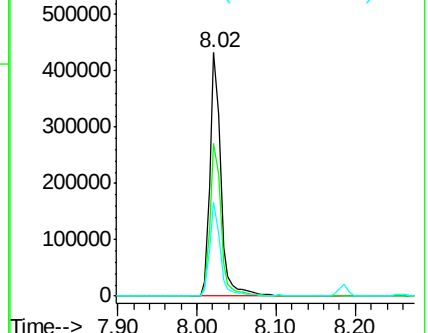
98 38.5 18.1 58.1

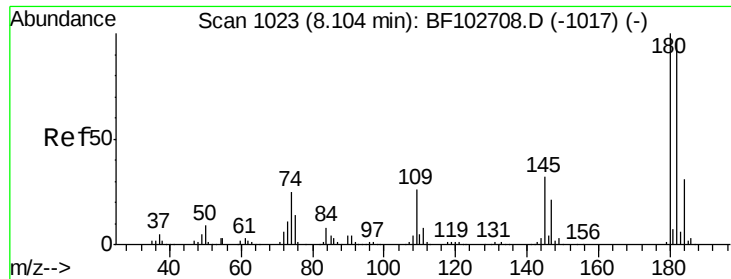


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

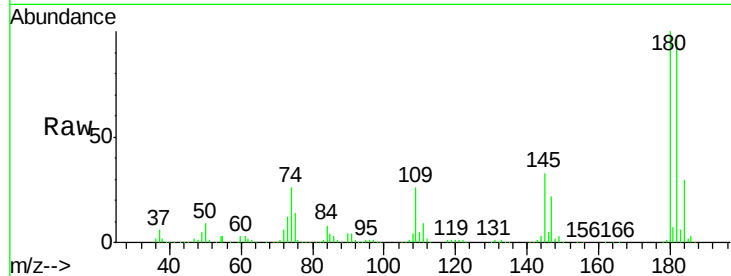




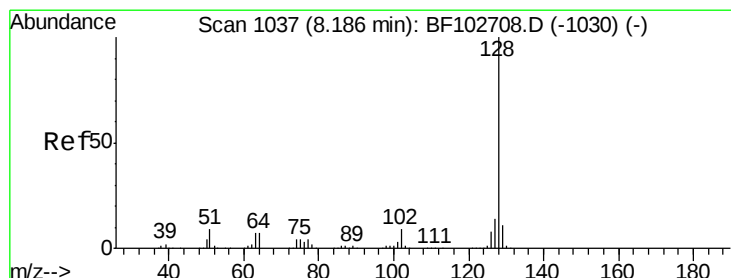
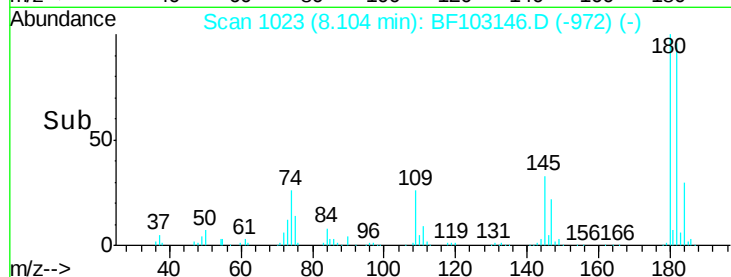
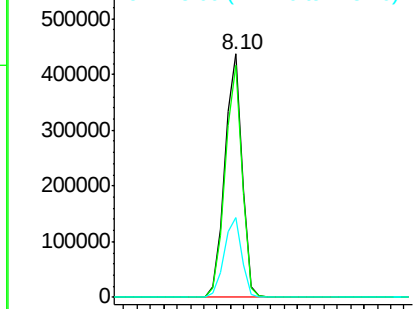
#30
 1,2,4-Trichlorobenzene
 Concen: 38.770 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103146.D
 Acq: 21 Feb 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SLUDGE-PITMS

Tot Ion:180 Resp: 400886
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.8 115.2
 145 32.9 26.5 39.7

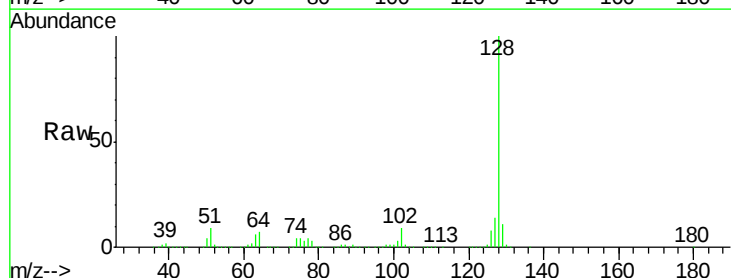


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

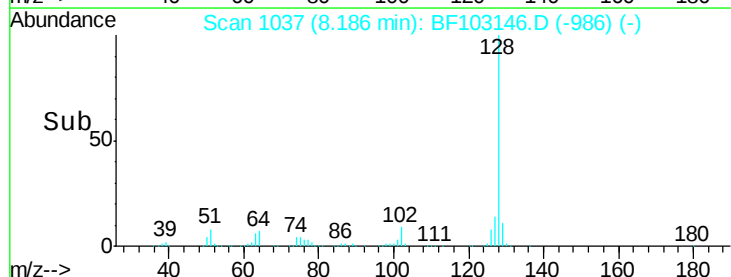
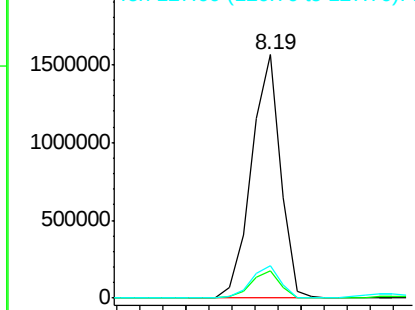


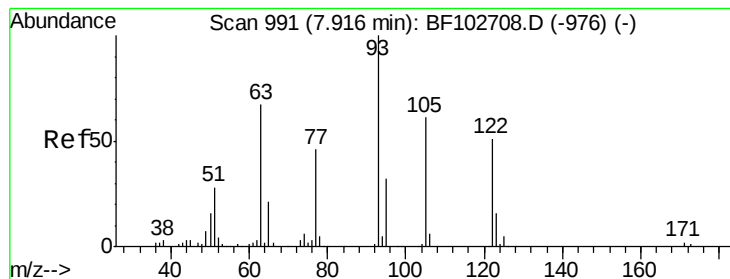
#31
 Naphthalene
 Concen: 39.253 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF103146.D
 Acq: 21 Feb 2018 19:39

Tgt Ion:128 Resp: 1375037
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.6 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: 60.327 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.03 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

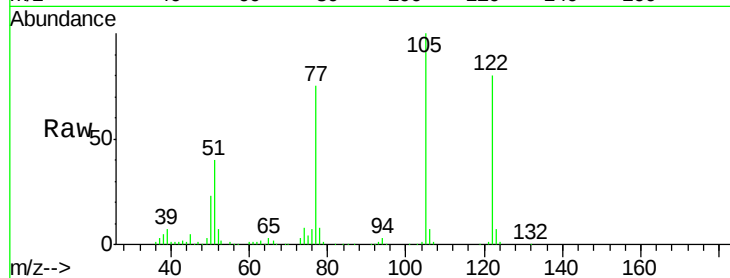
Tot Ion:122 Resp: 468711

Ion Ratio Lower Upper

122 100

105 124.2 101.1 141.1

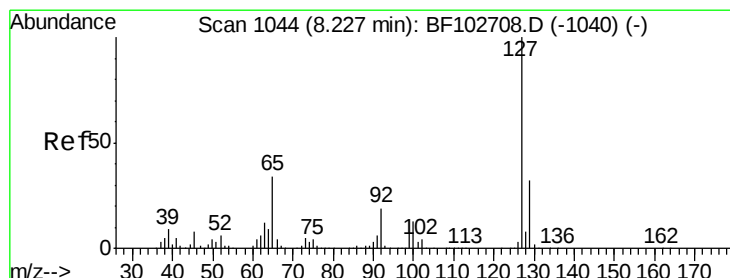
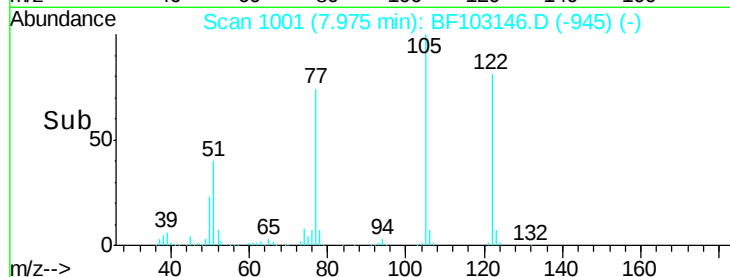
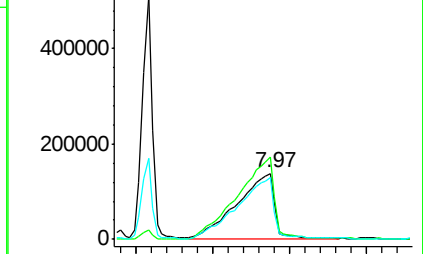
77 93.2 70.7 110.7



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: 4.028 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Tgt Ion:127 Resp: 60782

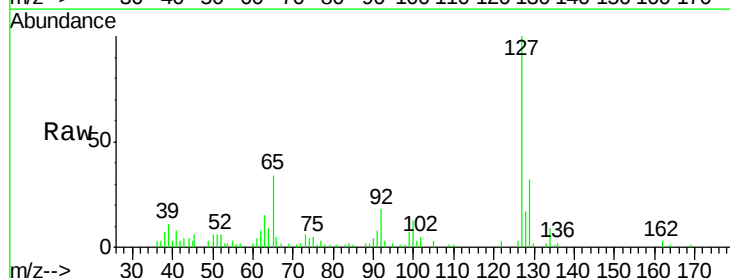
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 34.1 25.0 37.4

92 18.1 15.2 22.8

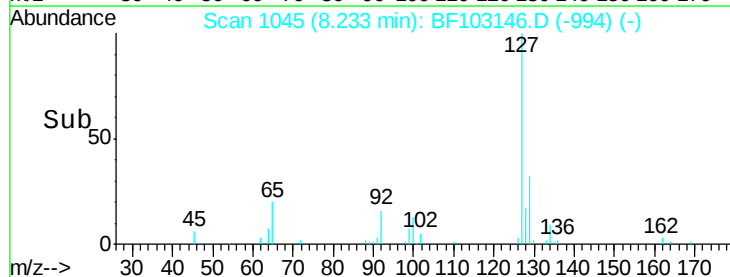
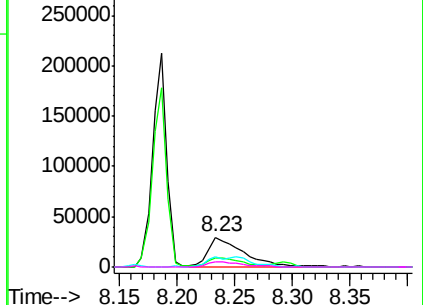


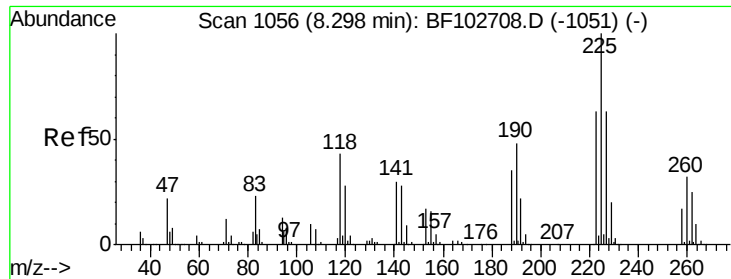
Abundance Ion 127.00 (126.70 to 127.70): E

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

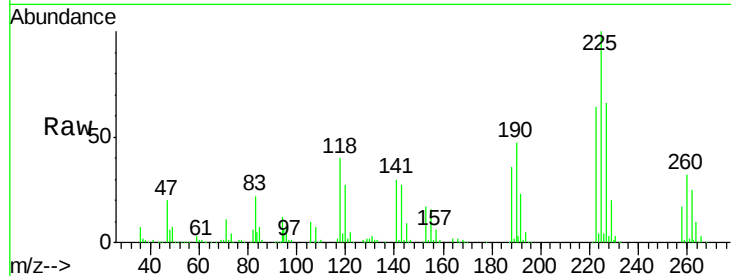




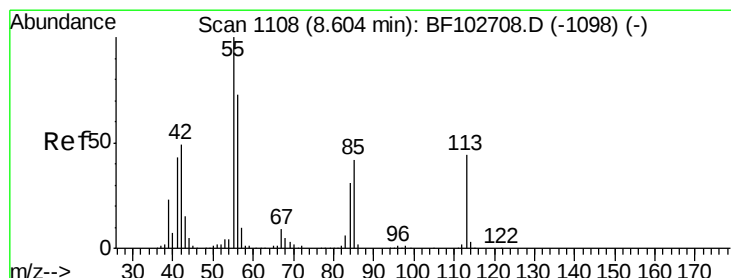
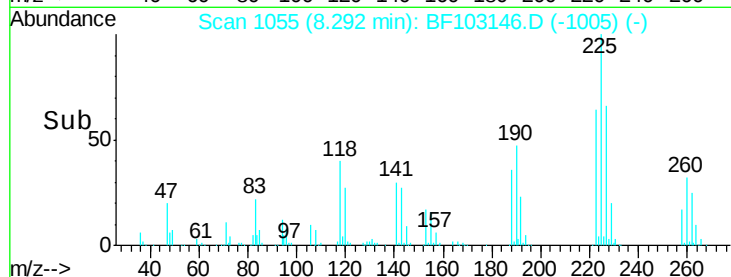
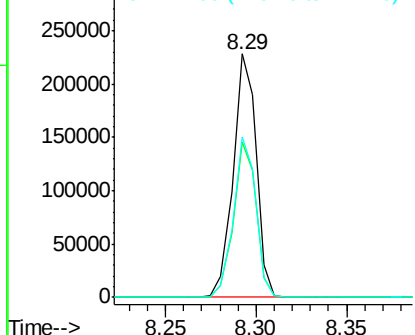
#34
Hexachlorobutadiene
Concen: 38.009 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

Tot Ion:225 Resp: 201392
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 66.1 51.9 77.9

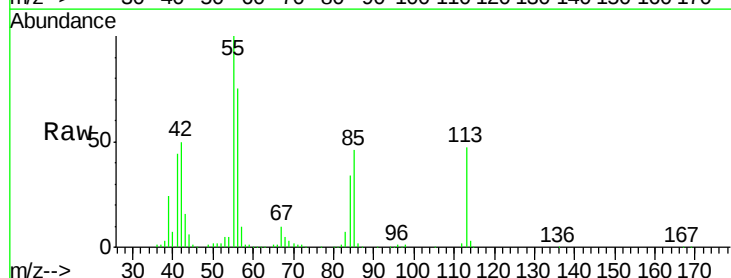


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

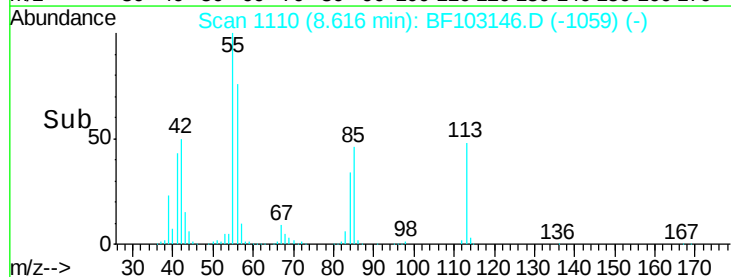
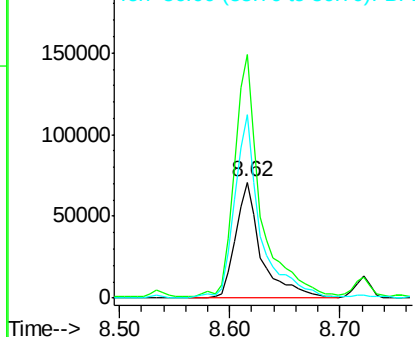


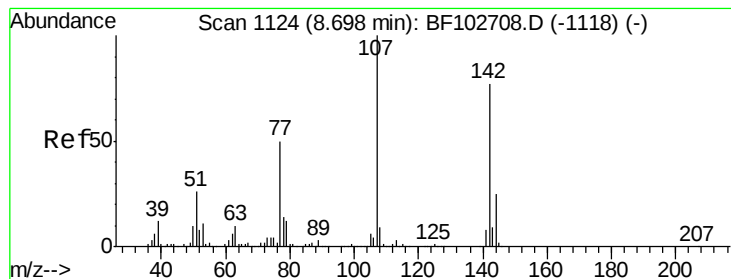
#35
Caprolactam
Concen: 36.738 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:113 Resp: 116617
Ion Ratio Lower Upper
113 100
55 210.6 163.3 203.3#
56 158.8 115.7 155.7#



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: 44.698 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

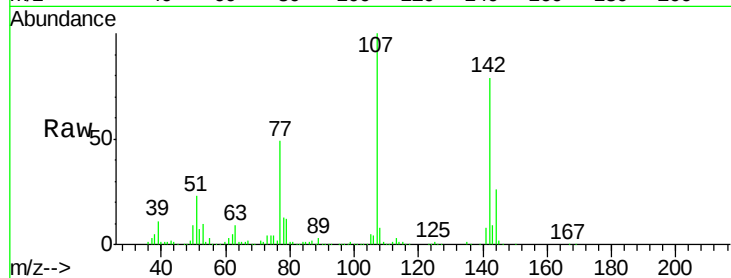
Tot Ion:107 Resp: 459040

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

142 78.9 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

8.72

400000

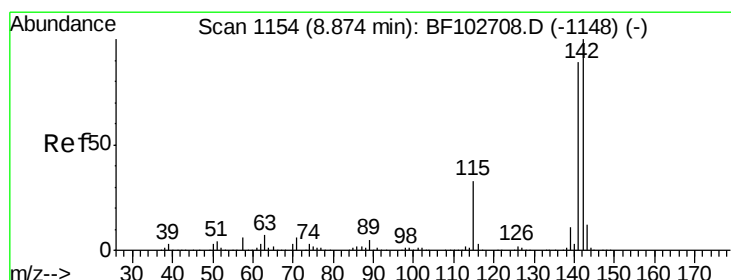
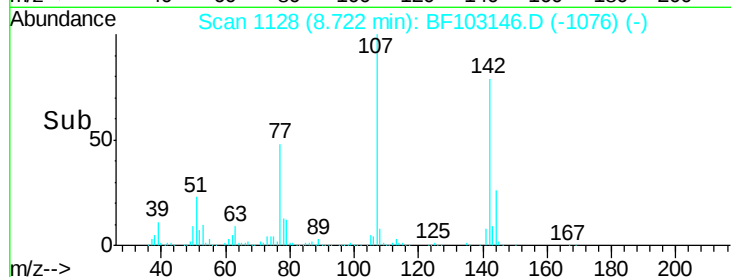
300000

200000

100000

0

Time--> 8.65 8.70 8.75 8.80



#37

2-Methylnaphthalene

Concen: 39.855 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

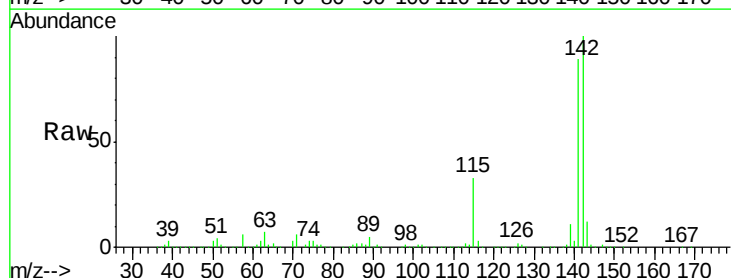
Tgt Ion:142 Resp: 914044

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

115 33.1 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

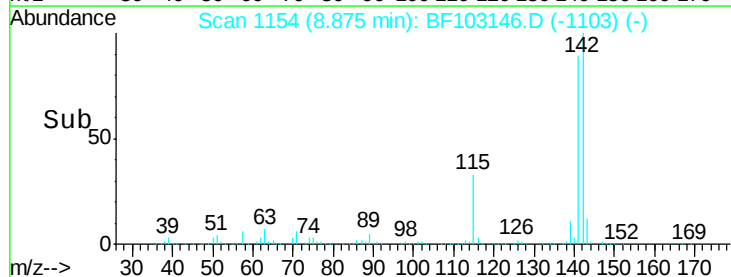
8.87

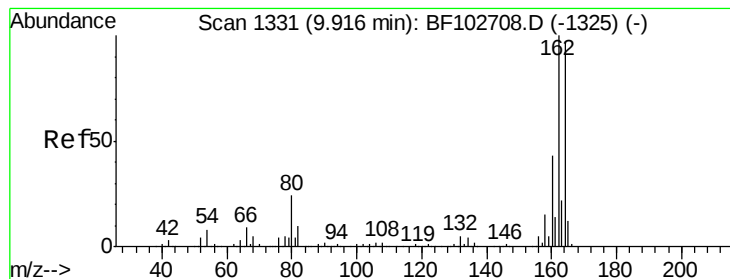
1000000

500000

0

Time--> 8.80 8.85 8.90 8.95





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

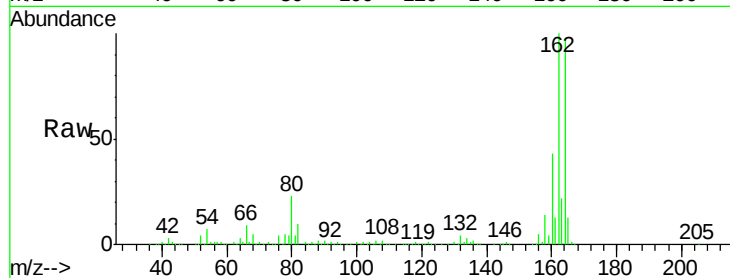
Tot Ion:164 Resp: 302944

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

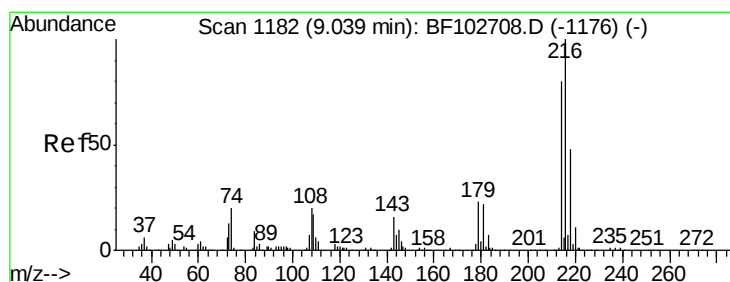
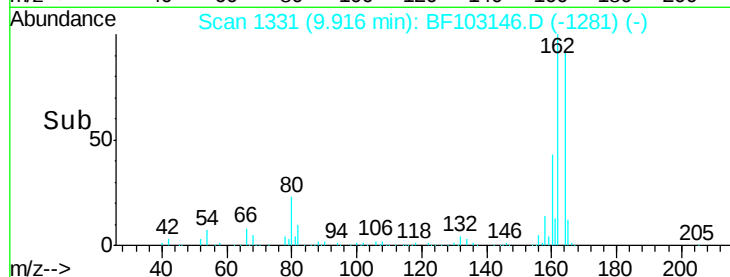
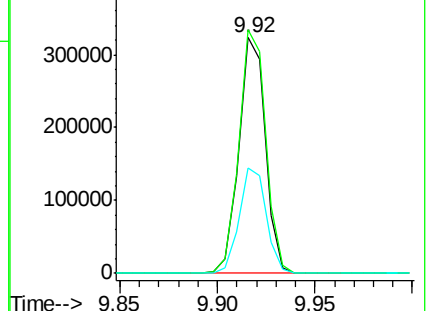
160 44.6 38.3 57.5



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: 42.126 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Tgt Ion:216 Resp: 347481

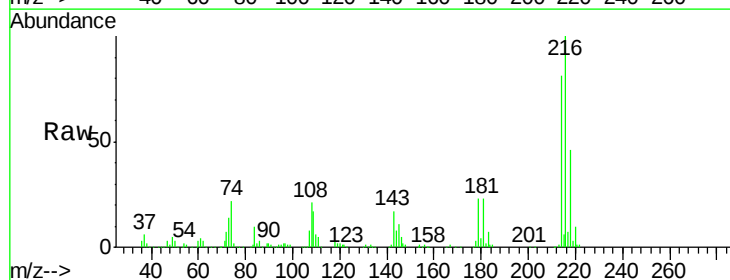
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 23.3 18.1 27.1

108 21.7 17.2 25.8

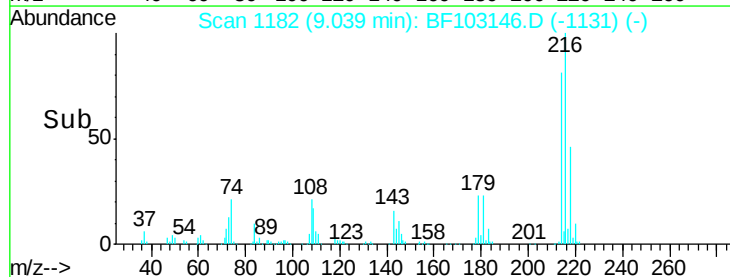
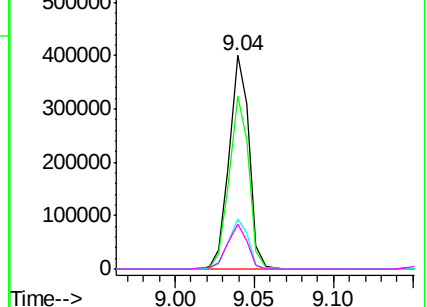


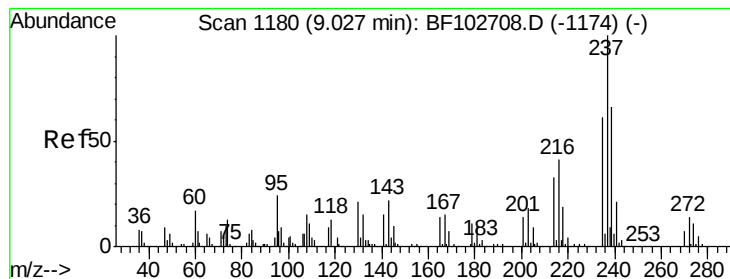
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 10.729 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

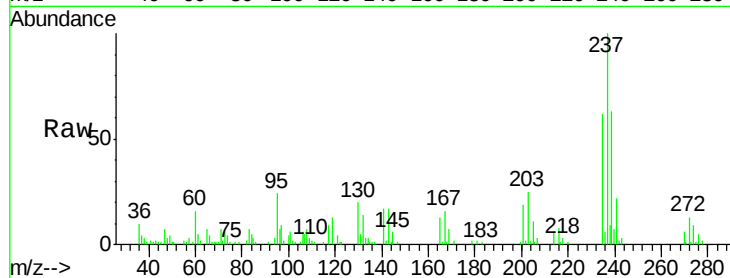
Tot Ion:237 Resp: 42071

Ion Ratio Lower Upper

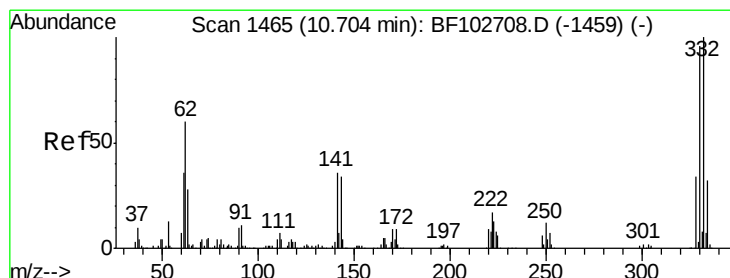
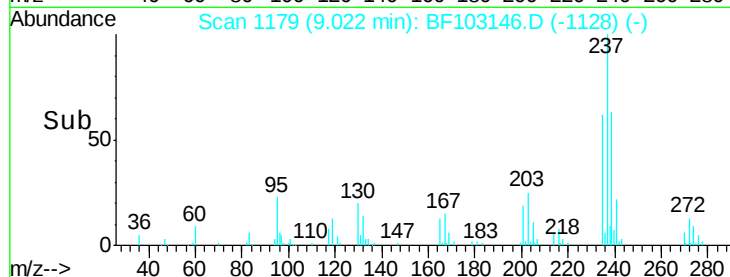
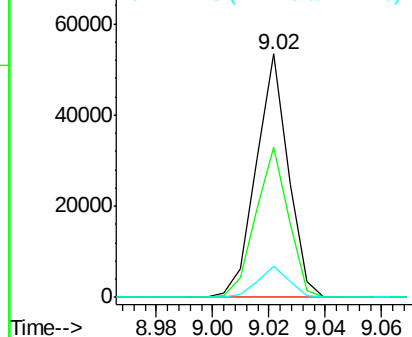
237 100

235 61.8 44.8 84.8

272 12.7 0.0 33.3



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



#41

2,4,6-Tribromophenol

Concen: 115.106 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

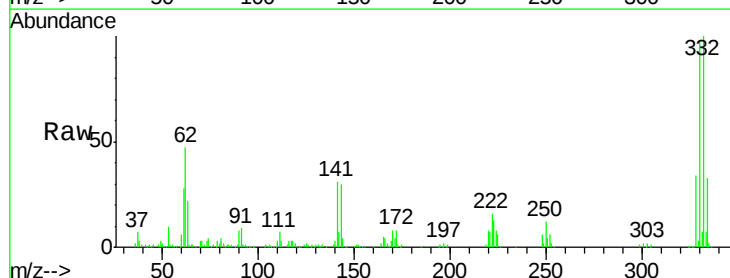
Tgt Ion:330 Resp: 280669

Ion Ratio Lower Upper

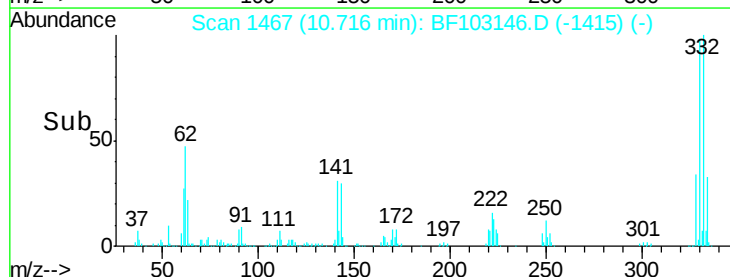
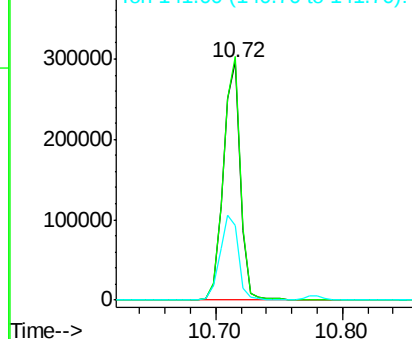
330 100

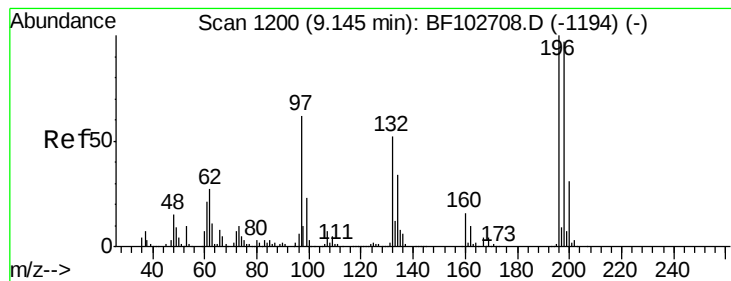
332 101.5 77.0 115.6

141 38.4 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: 47.948 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

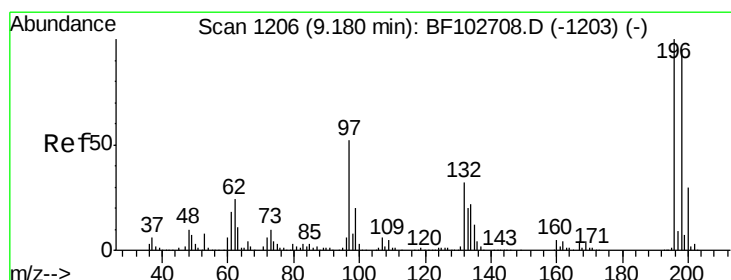
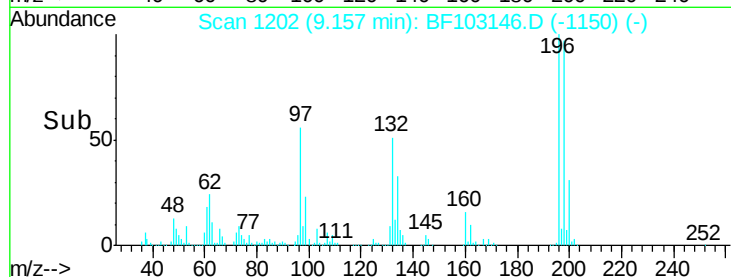
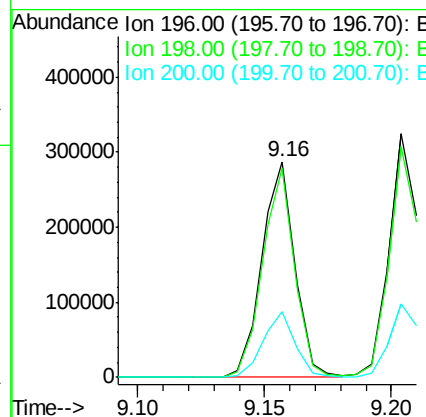
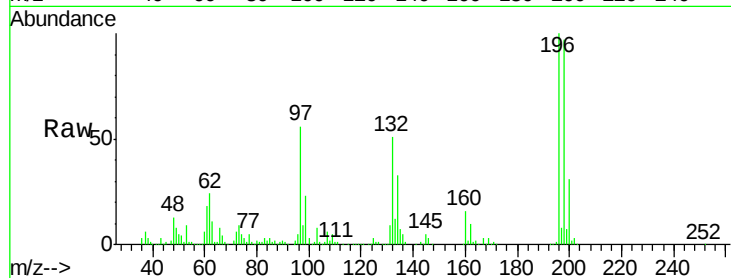
Tot Ion:196 Resp: 259780

Ion Ratio Lower Upper

196 100

198 96.9 75.7 113.5

200 30.5 24.5 36.7



#43

2,4,5-Trichlorophenol

Concen: 43.419 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Tgt Ion:196 Resp: 265140

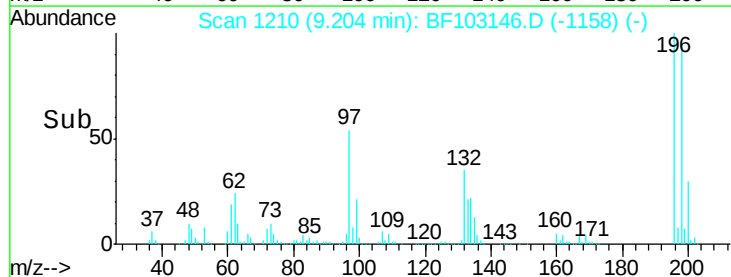
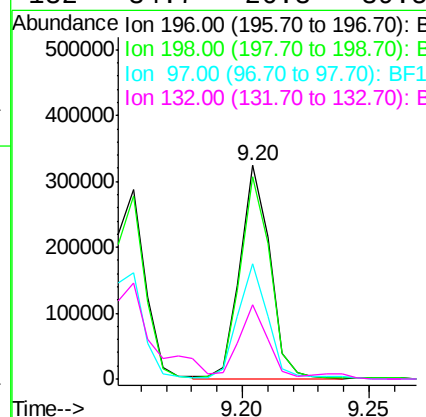
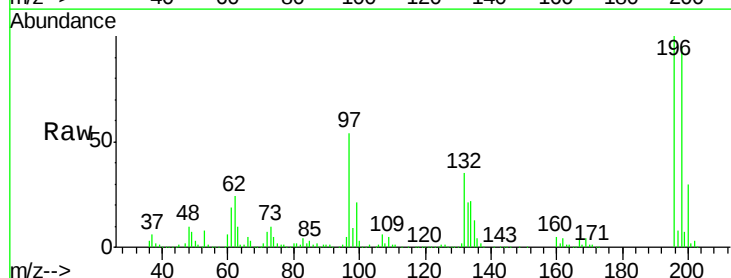
Ion Ratio Lower Upper

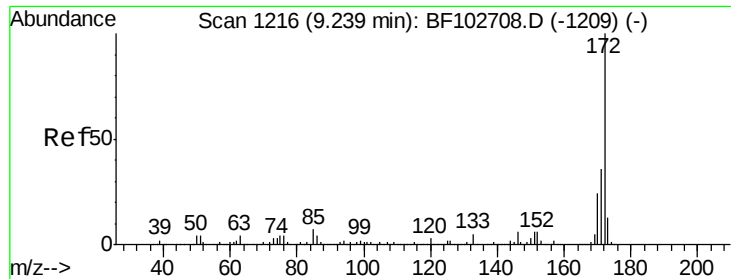
196 100

198 95.0 74.6 112.0

97 54.0 42.9 64.3

132 34.7 26.3 39.5

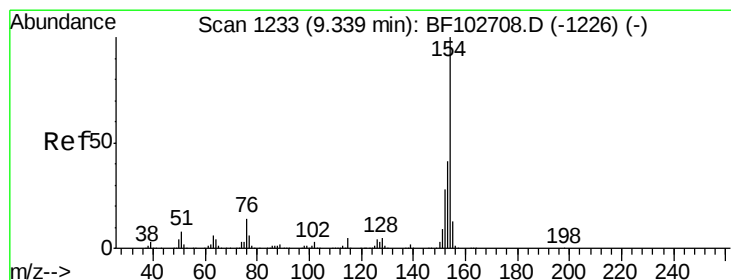
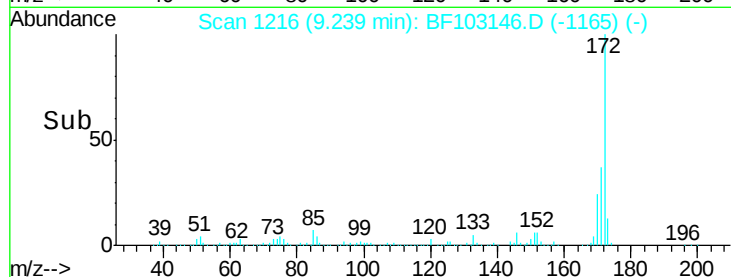
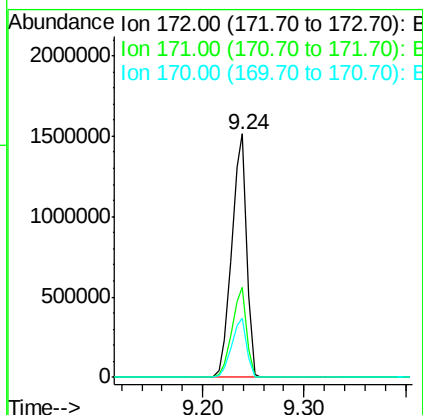
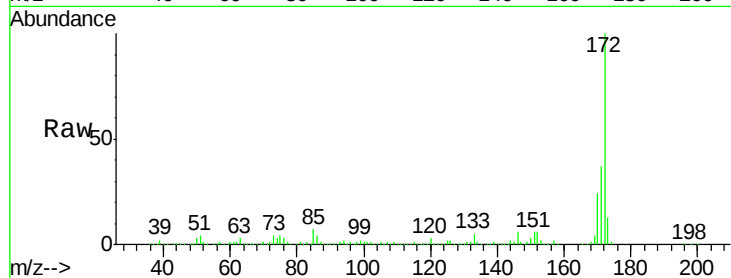




#44
2-Fluorobiphenyl
Concen: 84.352 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

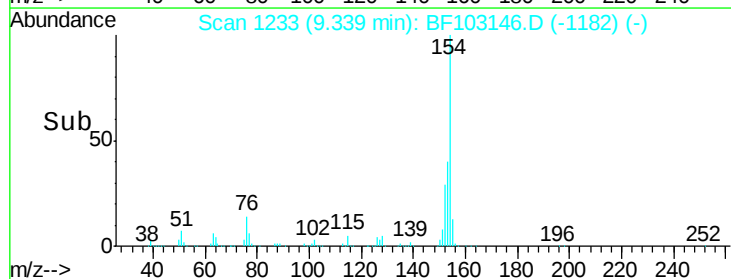
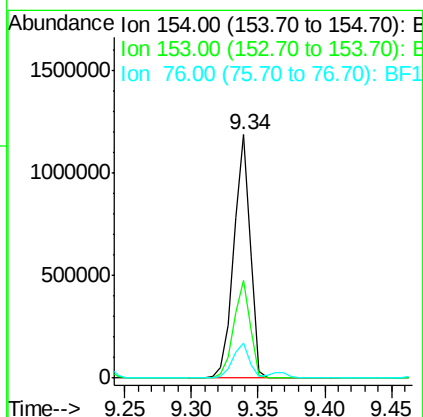
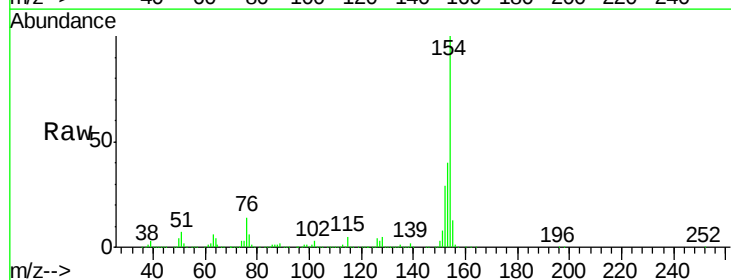
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

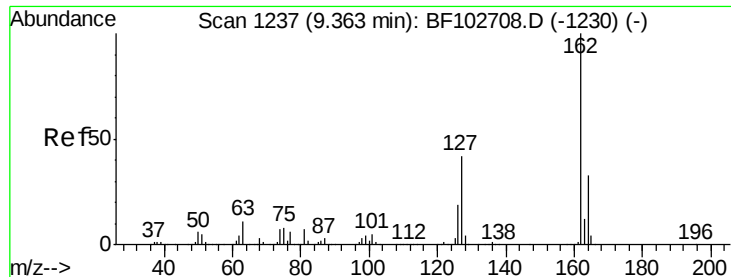
Tot Ion:172 Resp: 1540000
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.4 19.6 29.4



#45
1,1'-Biphenyl
Concen: 40.463 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:154 Resp: 1032472
Ion Ratio Lower Upper
154 100
153 39.9 21.3 61.3
76 14.2 0.0 34.0

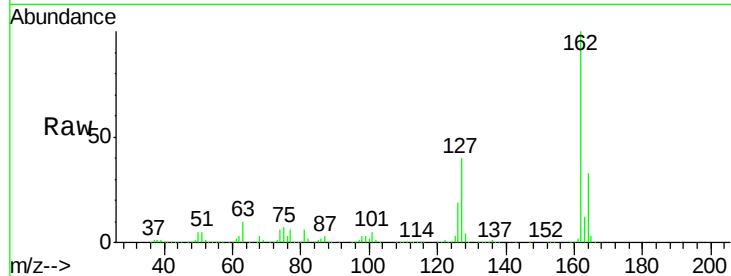




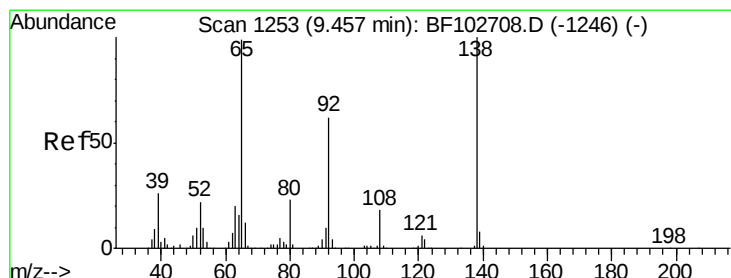
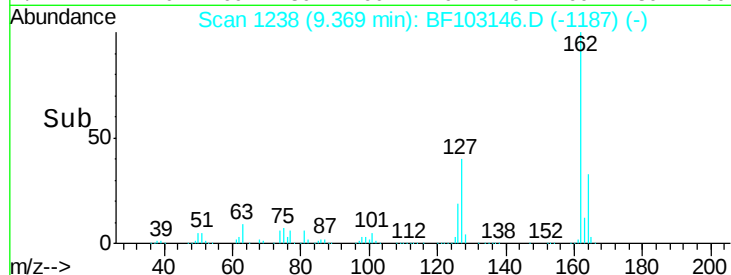
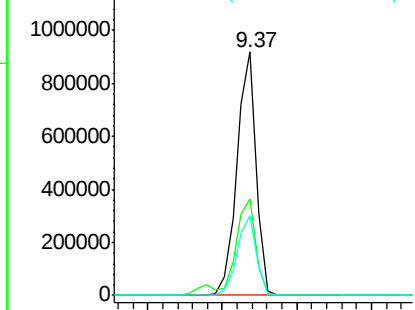
#46
2-Chloronaphthalene
Concen: 41.161 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

Tot Ion:162 Resp: 826842
Ion Ratio Lower Upper
162 100
127 39.8 33.9 50.9
164 32.8 26.5 39.7

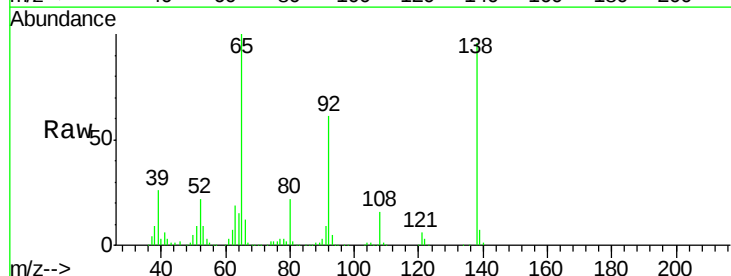


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

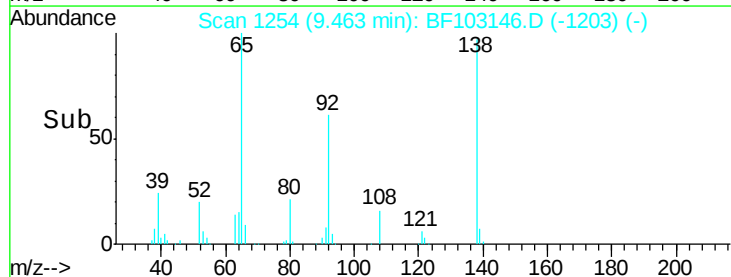
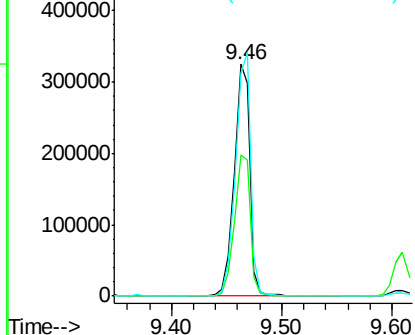


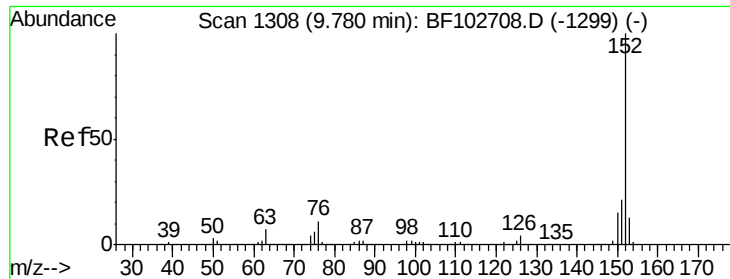
#47
2-Nitroaniline
Concen: 52.151 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion: 65 Resp: 325276
Ion Ratio Lower Upper
65 100
92 60.9 55.8 83.6
138 96.0 91.2 136.8



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





#48

Acenaphthylene

Concen: 38.931 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

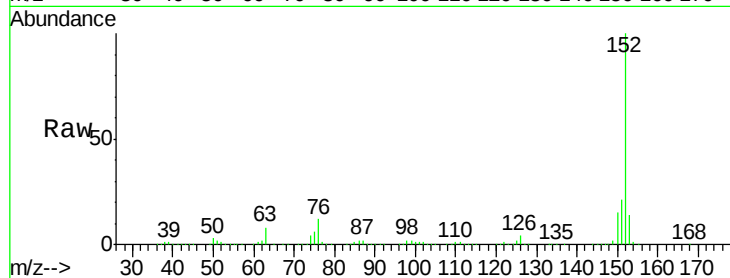
Tot Ion:152 Resp: 1214655

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

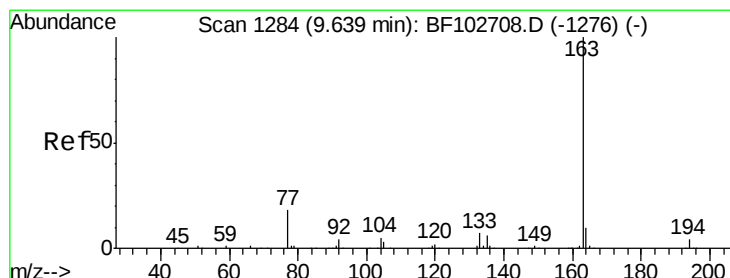
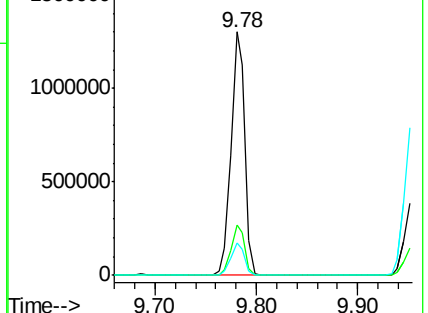
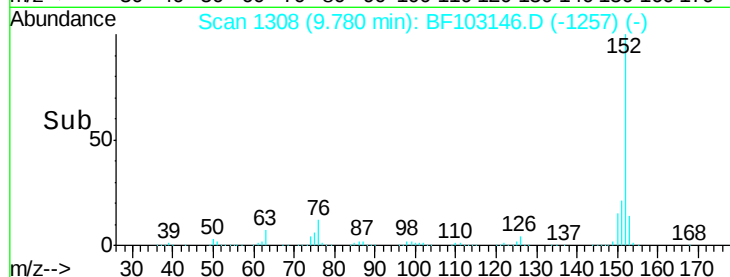
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.893 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

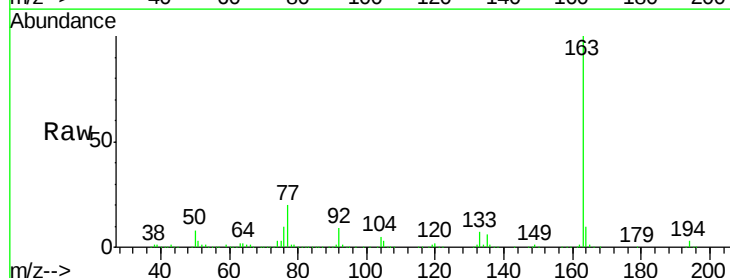
Tgt Ion:163 Resp: 1060434

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

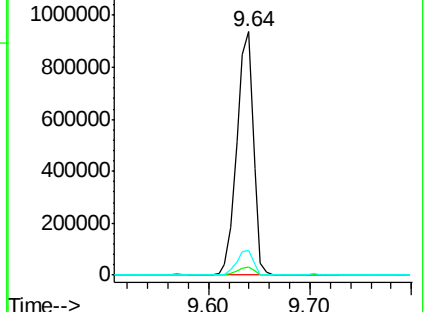
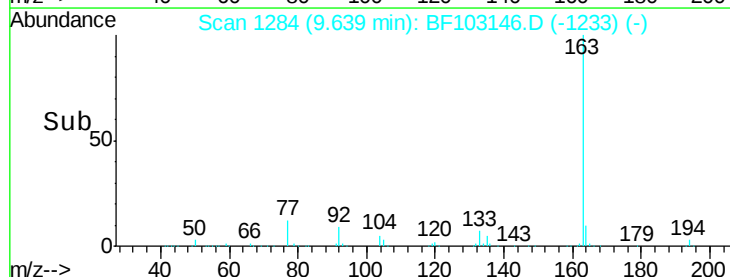
164 10.3 8.2 12.2

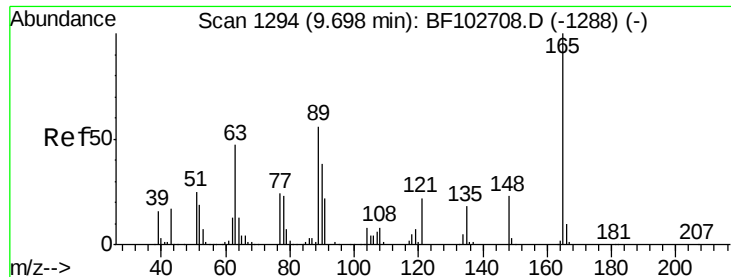


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

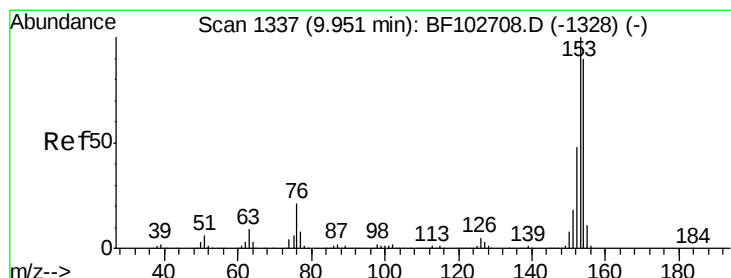
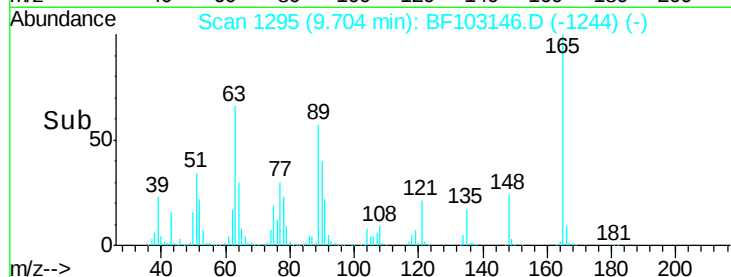
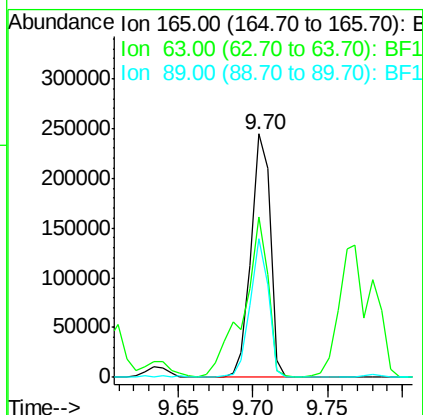
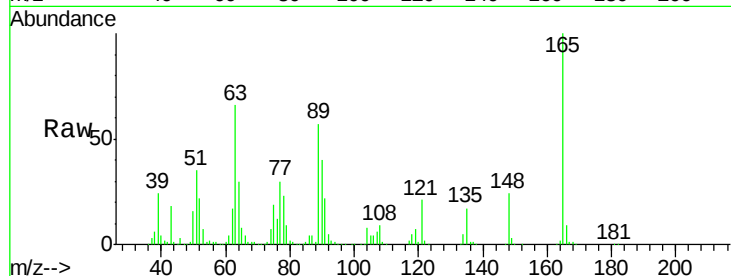




#50
 2,6-Dinitrotoluene
 Concen: 48.549 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF103146.D
 Acq: 21 Feb 2018 19:39

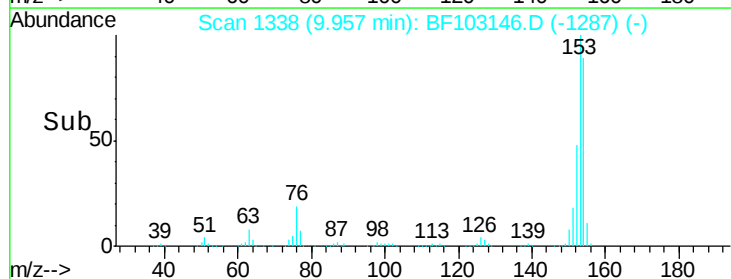
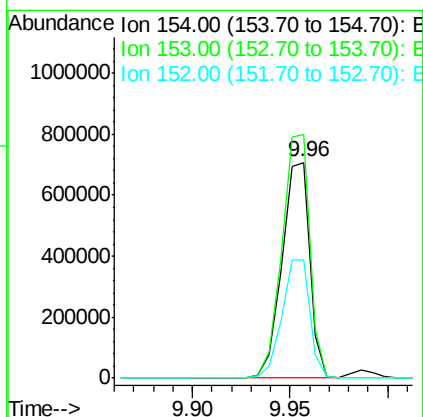
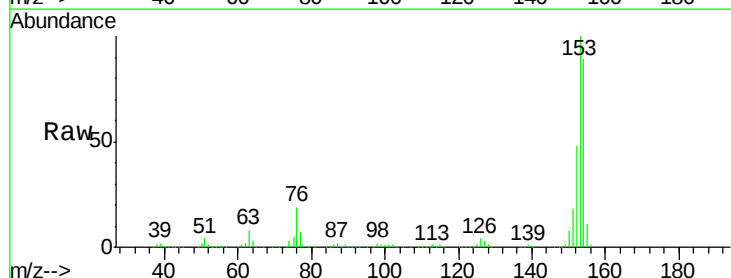
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SLUDGE-PITMS

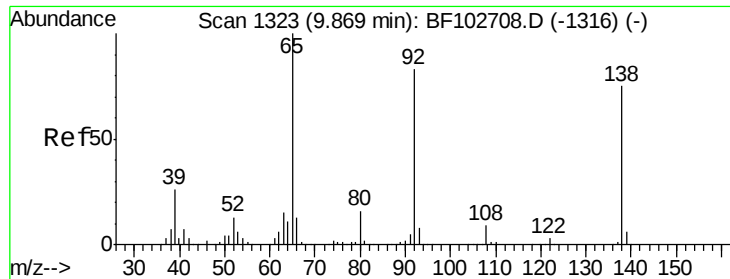
Tot Ion:165 Resp: 218179
 Ion Ratio Lower Upper
 165 100
 63 65.7 44.7 67.1
 89 57.1 44.0 66.0



#51
 Acenaphthene
 Concen: 37.623 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF103146.D
 Acq: 21 Feb 2018 19:39

Tgt Ion:154 Resp: 701991
 Ion Ratio Lower Upper
 154 100
 153 112.8 91.2 136.8
 152 54.7 43.8 65.8

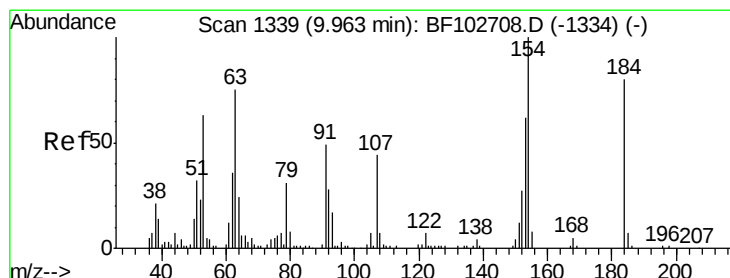
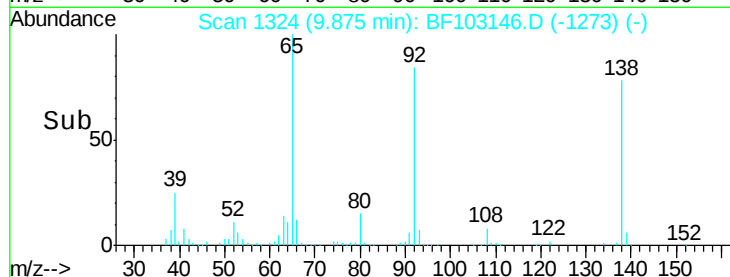
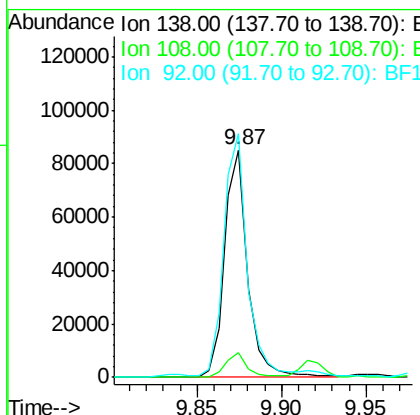
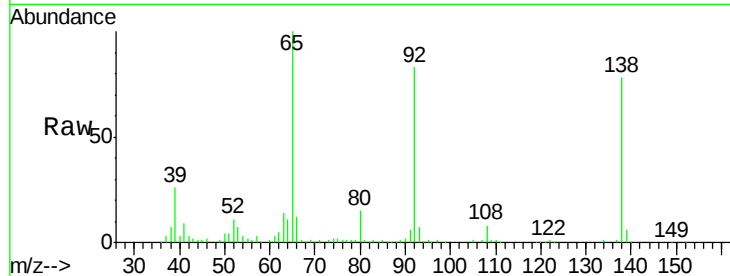




#52
3-Nitroaniline
Concen: 14.678 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

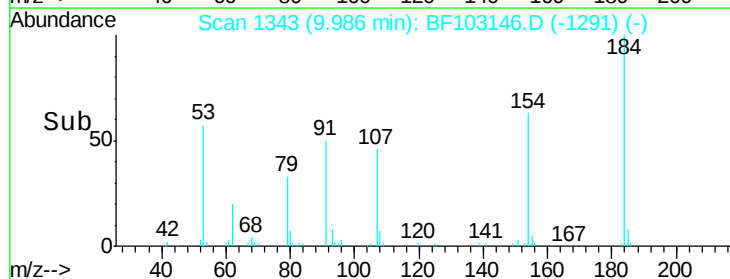
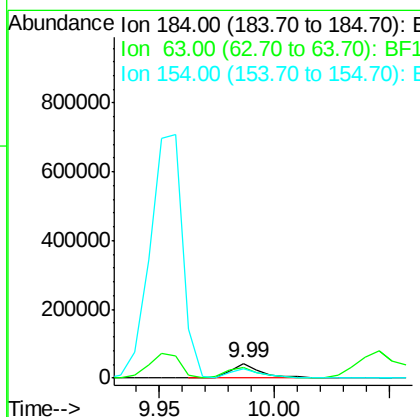
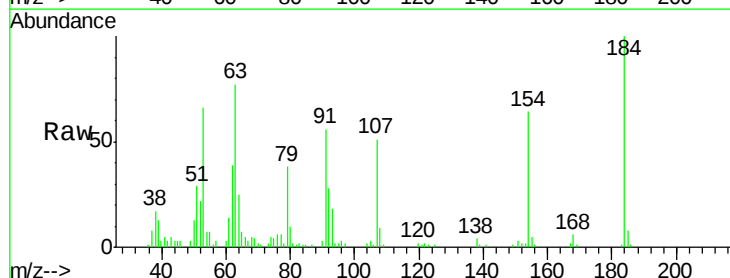
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

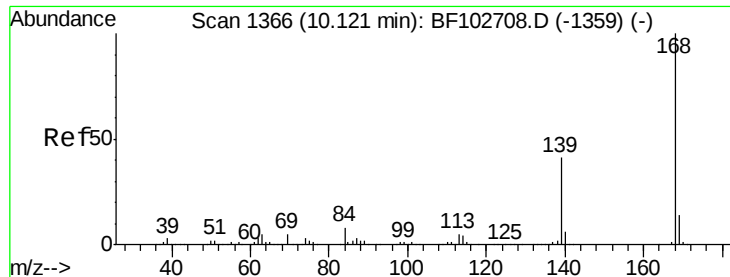
Tot Ion:138 Resp: 81164
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 107.1 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 41.539 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:184 Resp: 40057
Ion Ratio Lower Upper
184 100
63 77.0 54.2 81.2
154 64.0 184.0 276.0#





#54

Dibenzenofuran

Concen: 39.492 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

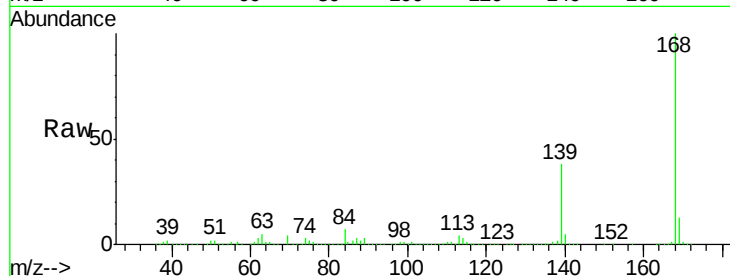
Tot Ion:168 Resp: 1038448

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

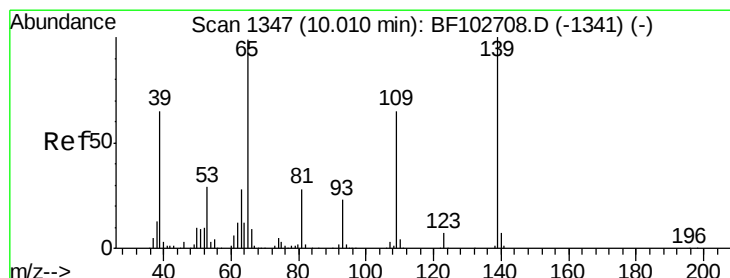
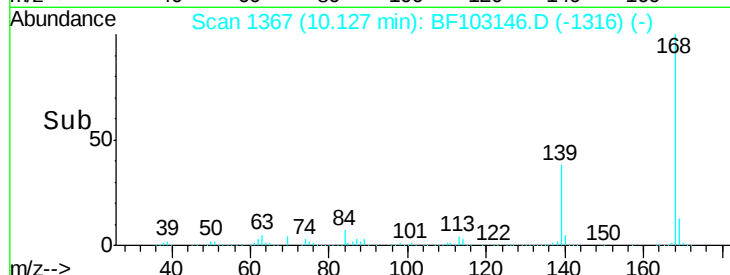
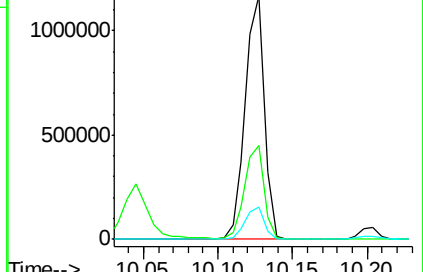
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 68.419 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

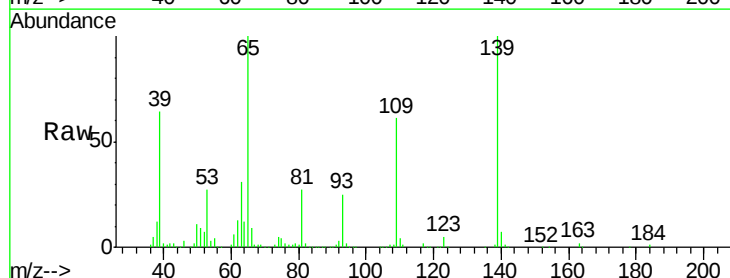
Tgt Ion:139 Resp: 308119

Ion Ratio Lower Upper

139 100

109 61.5 48.4 88.4

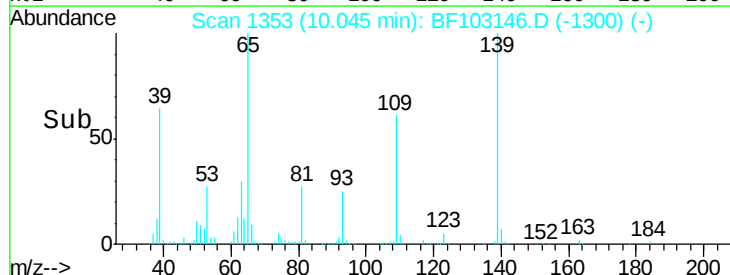
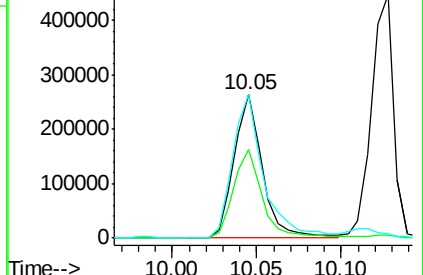
65 100.0 72.6 112.6

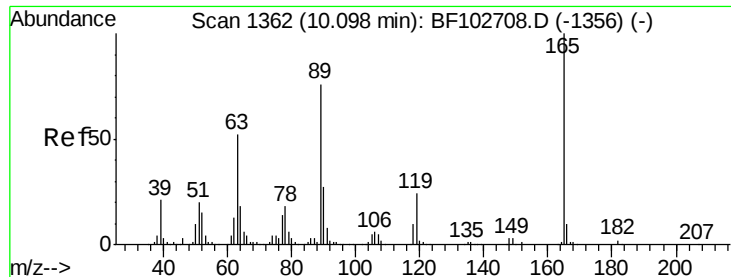


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

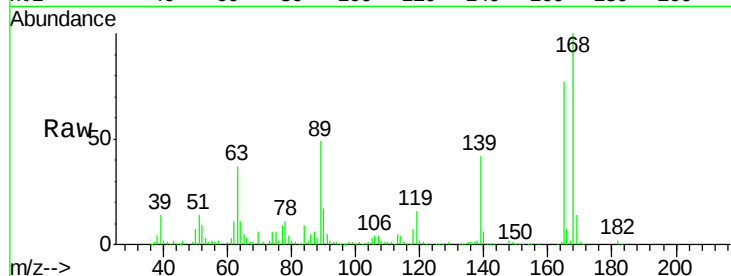




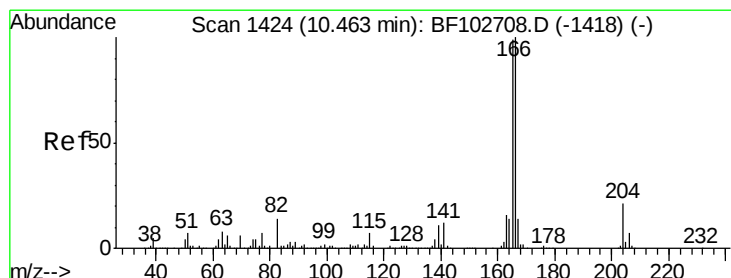
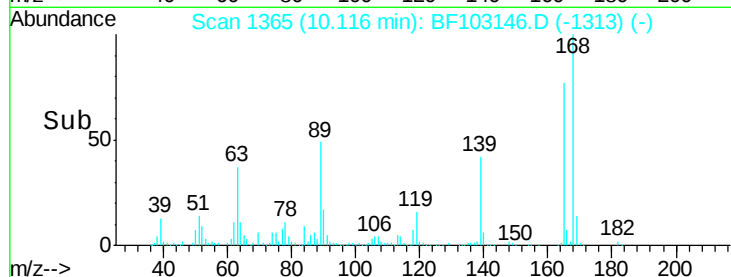
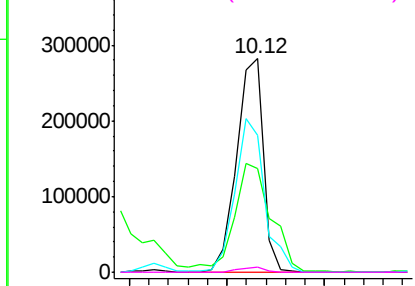
#56
2,4-Dinitrotoluene
Concen: 44.668 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

Tot Ion:165 Resp: 267842
Ion Ratio Lower Upper
165 100
63 48.8 36.4 54.6
89 64.3 57.8 86.6
182 2.3 1.6 2.4

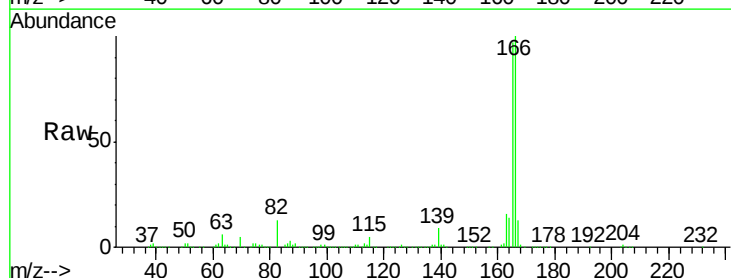


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

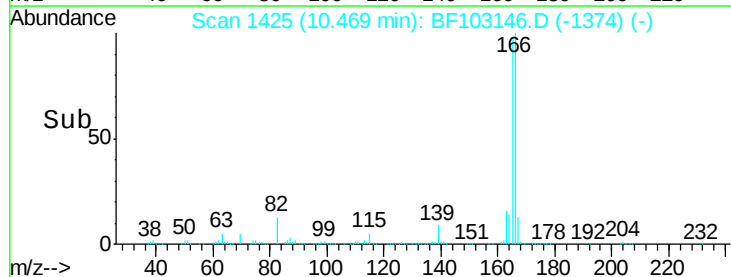
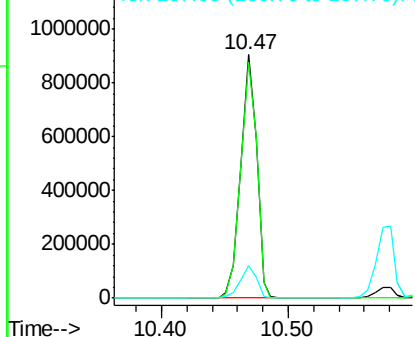


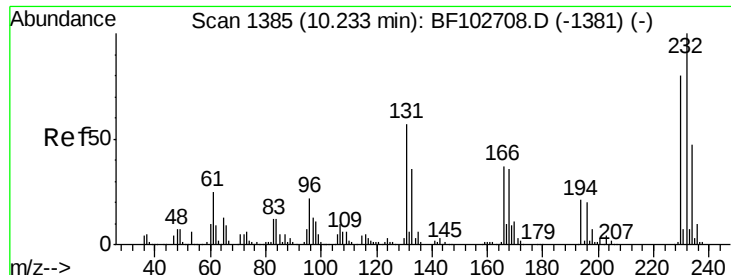
#57
Fluorene
Concen: 40.709 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:166 Resp: 778840
Ion Ratio Lower Upper
166 100
165 96.7 79.8 119.8
167 13.5 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: 44.721 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

Tot Ion:232 Resp: 189276

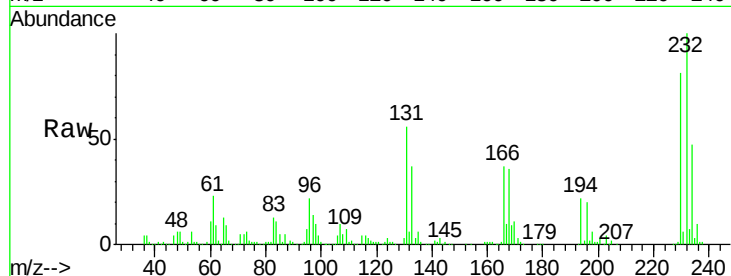
Ion Ratio Lower Upper

232 100

131 55.9 43.8 65.8

130 2.7 2.1 3.1

166 35.6 27.8 41.6

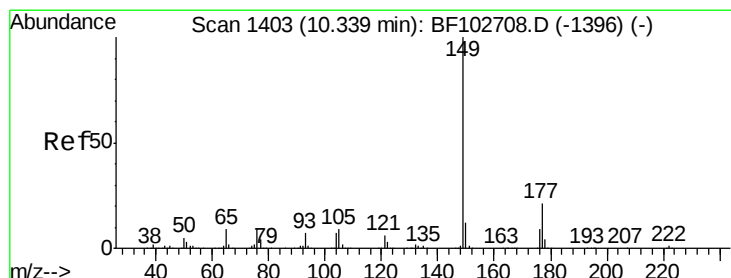
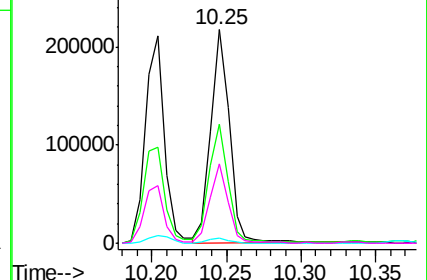
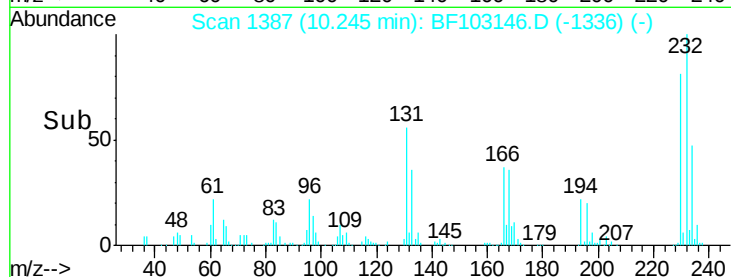


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.480 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

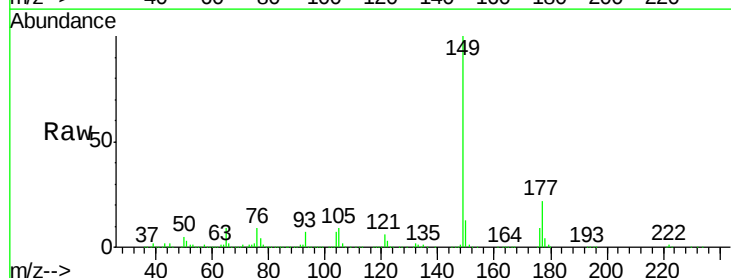
Tgt Ion:149 Resp: 967468

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

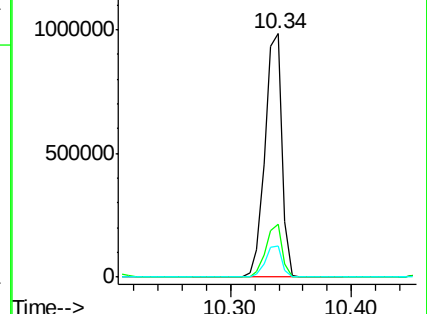
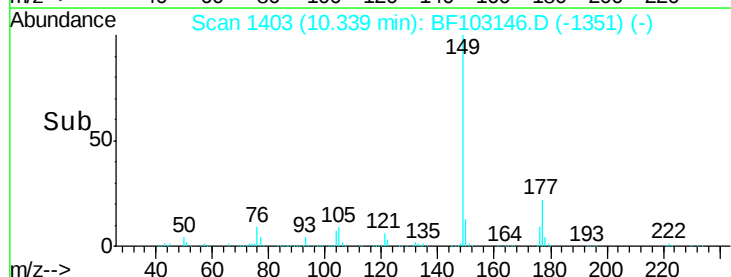
150 12.6 10.1 15.1

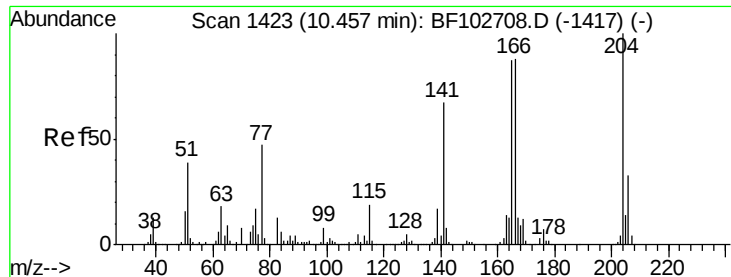


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

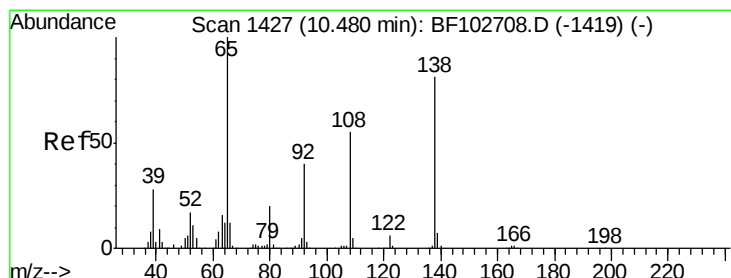
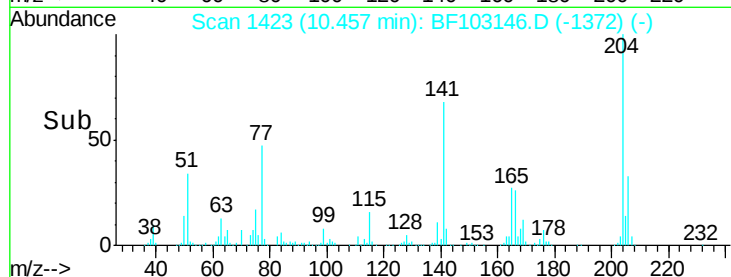
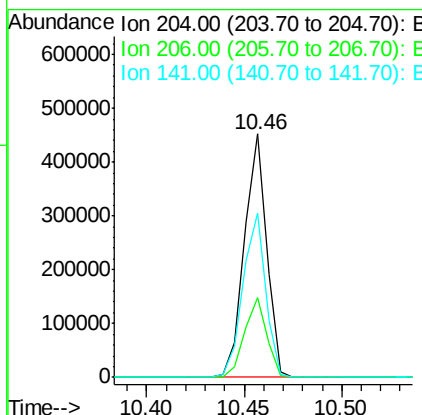
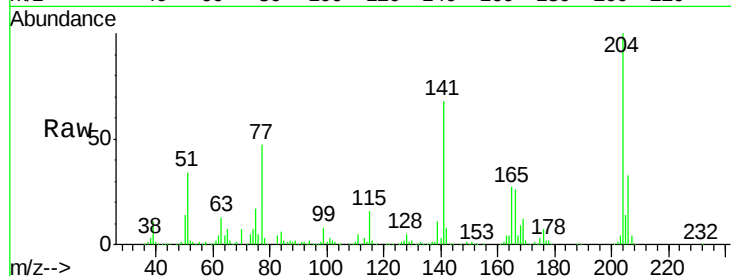




#60
4-Chlorophenyl-phenylether
Concen: 42.360 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

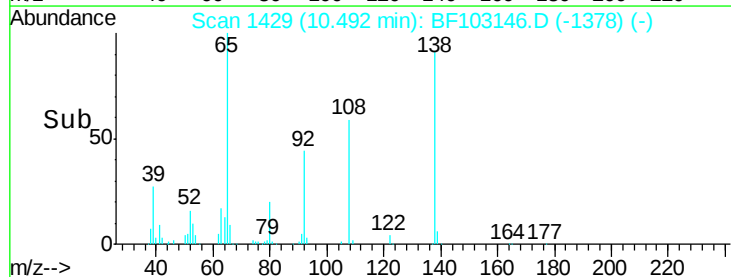
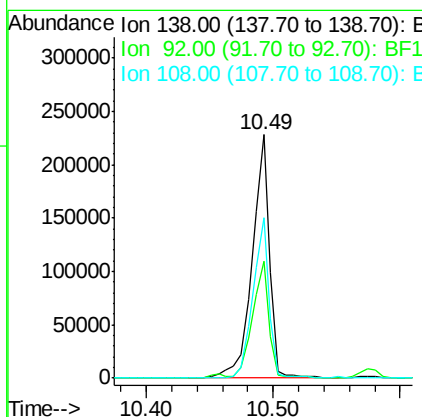
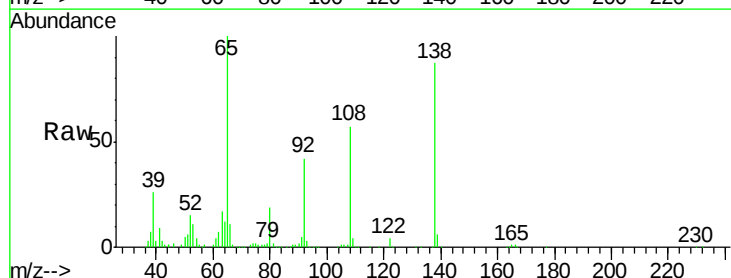
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

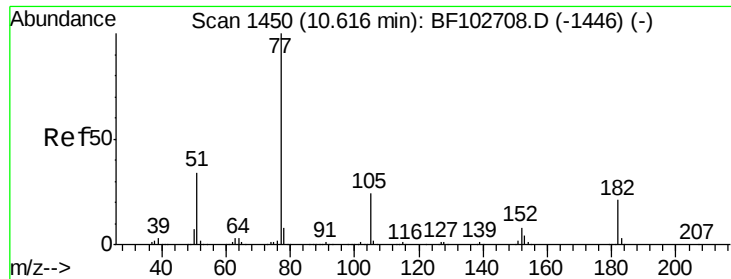
Tot Ion:204 Resp: 358507
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 67.6 54.6 81.8



#61
4-Nitroaniline
Concen: 41.806 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:138 Resp: 220042
Ion Ratio Lower Upper
138 100
92 48.0 30.2 70.2
108 65.9 52.5 92.5





#62

Azobenzene

Concen: 38.960 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

Tot Ion: 77 Resp: 907799

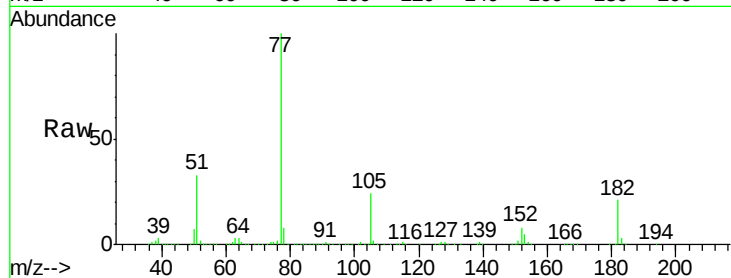
Ion Ratio Lower Upper

77 100

182 21.4 1.7 41.7

105 24.2 3.0 43.0

51 33.0 9.9 49.9

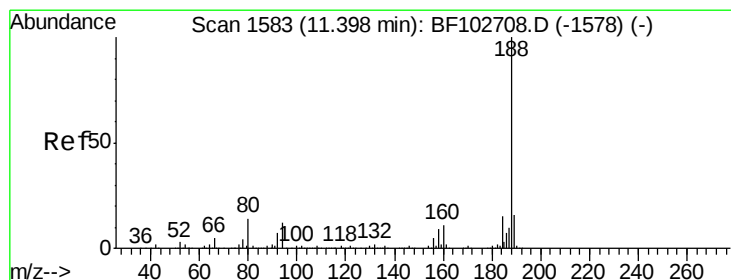
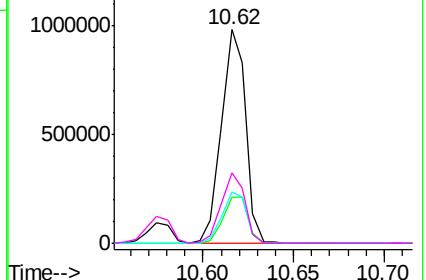
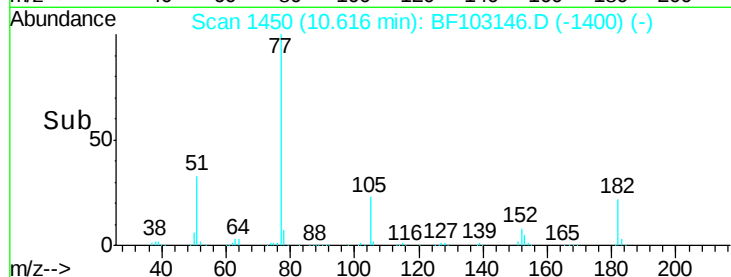


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

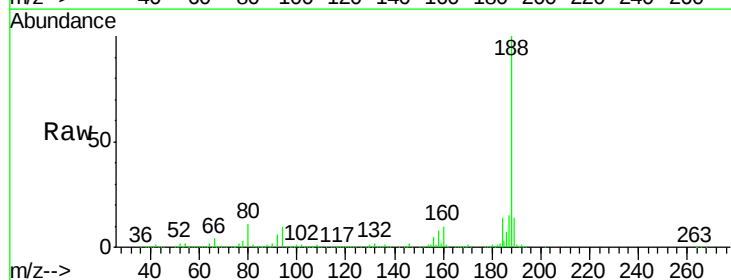
Tgt Ion: 188 Resp: 428114

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

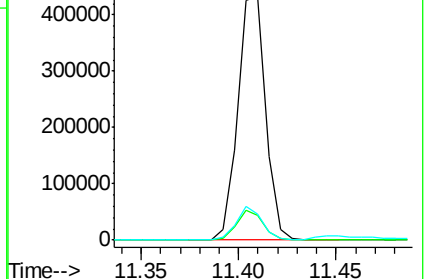
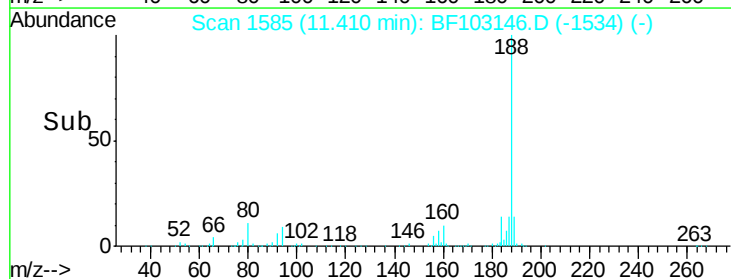
80 10.9 9.2 13.8

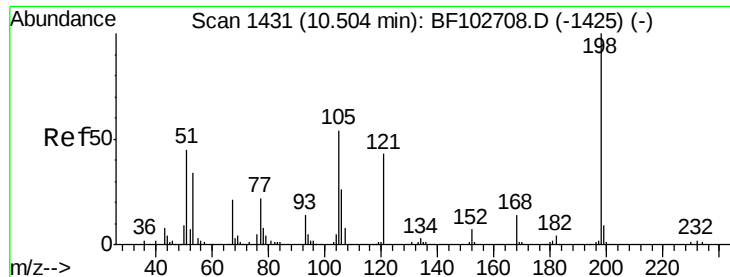


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

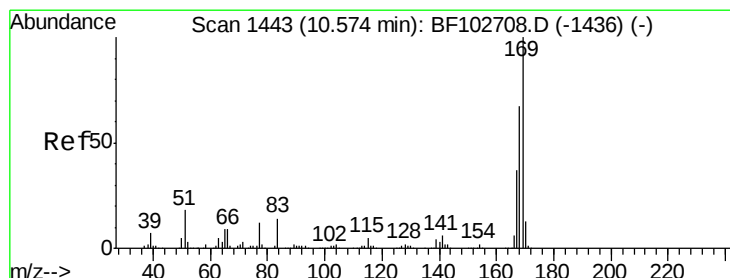
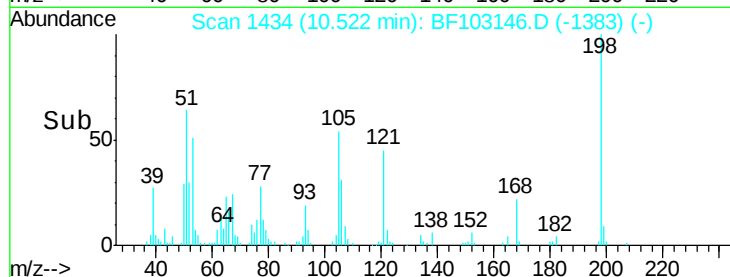
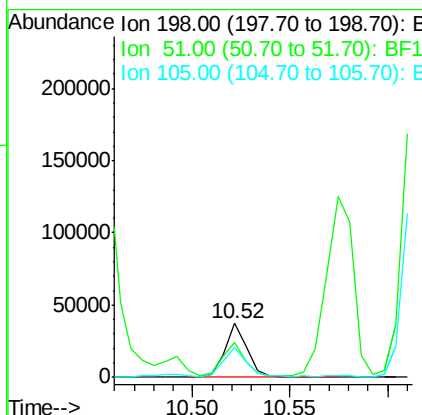
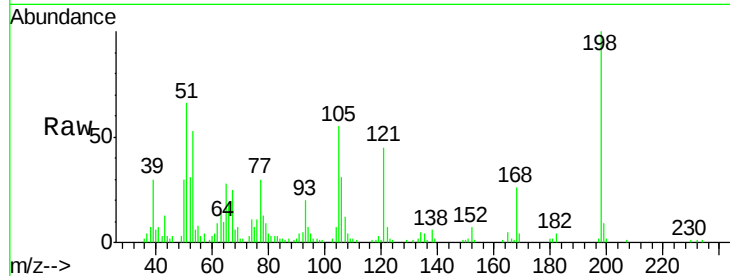




#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.411 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF103146.D
 Acq: 21 Feb 2018 19:39

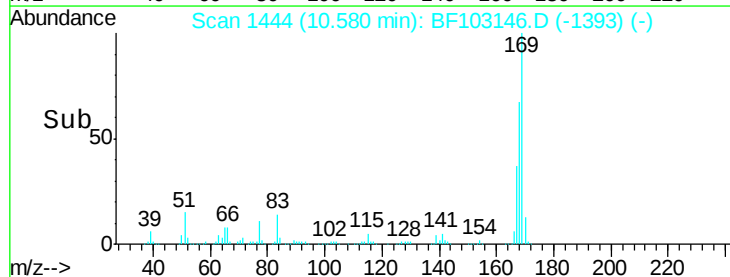
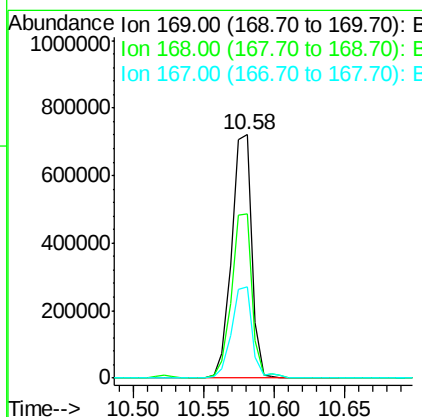
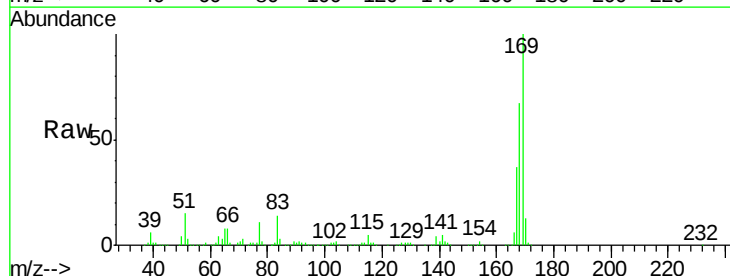
Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SLUDGE-PITMS

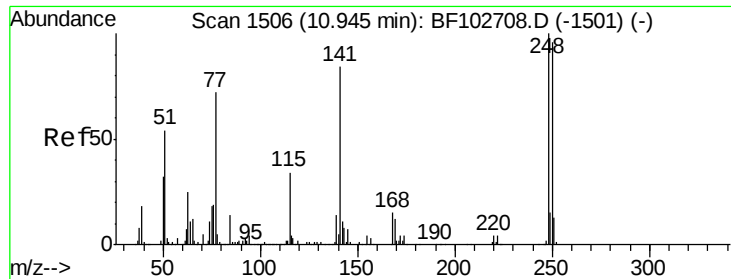
Tot Ion:198 Resp: 29505
 Ion Ratio Lower Upper
 198 100
 51 65.8 37.7 77.7
 105 55.5 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 47.487 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF103146.D
 Acq: 21 Feb 2018 19:39

Tgt Ion:169 Resp: 717095
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.4 81.6
 167 37.3 29.8 44.6

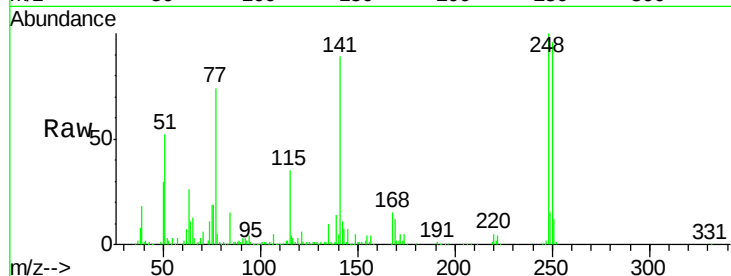




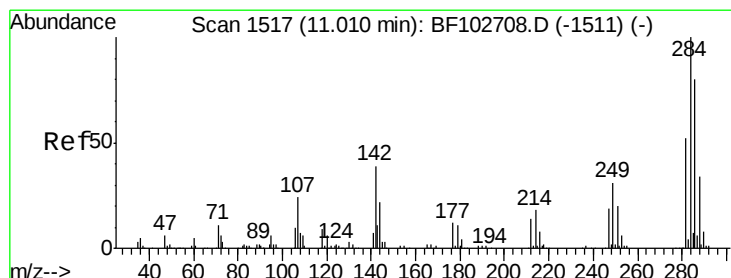
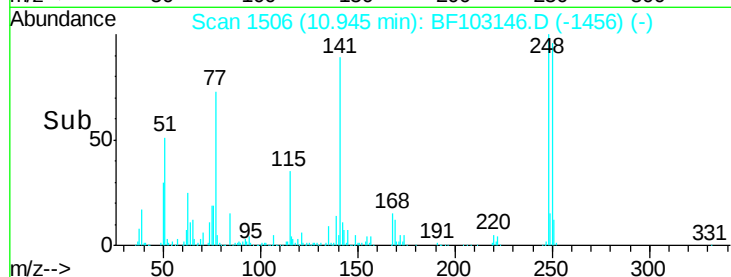
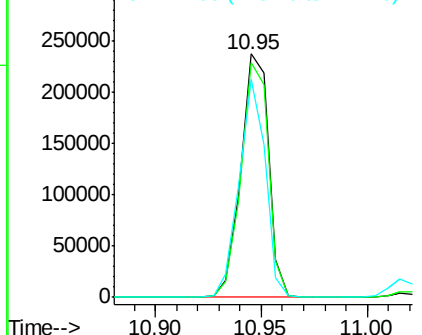
#66
4-Bromophenyl-phenylether
Concen: 47.773 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

Tot Ion:248 Resp: 216347
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 89.4 74.4 111.6

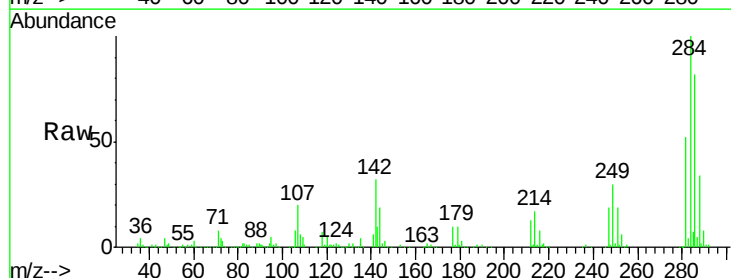


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

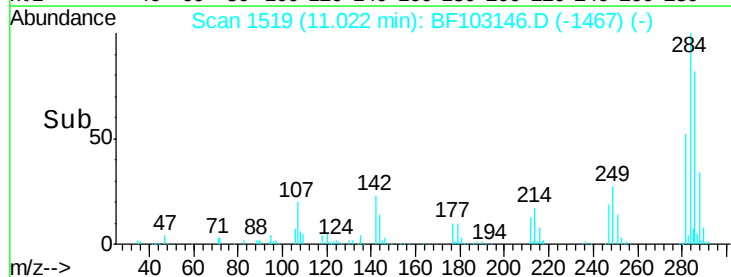
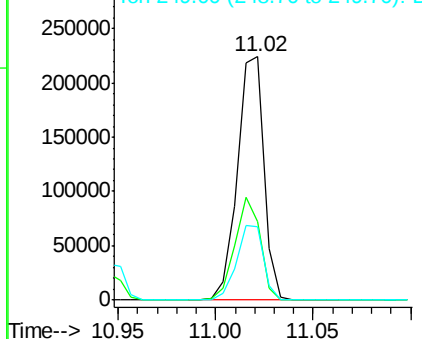


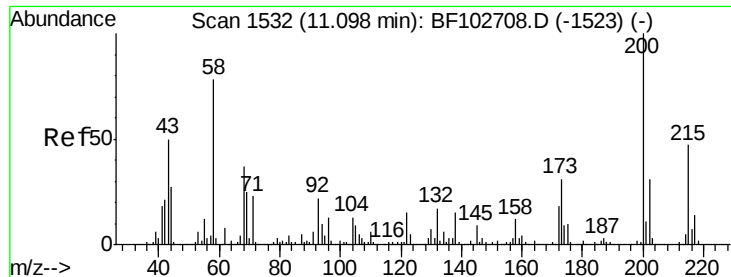
#67
Hexachlorobenzene
Concen: 42.370 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:284 Resp: 211676
Ion Ratio Lower Upper
284 100
142 32.2 34.6 52.0#
249 30.1 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

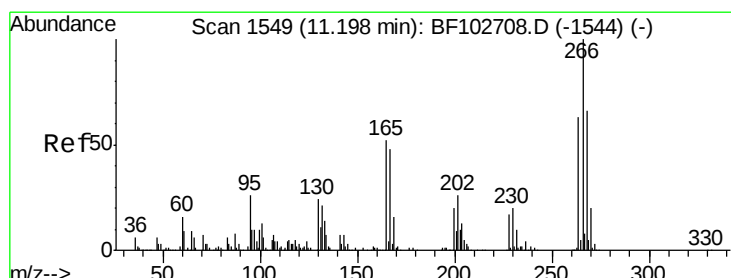
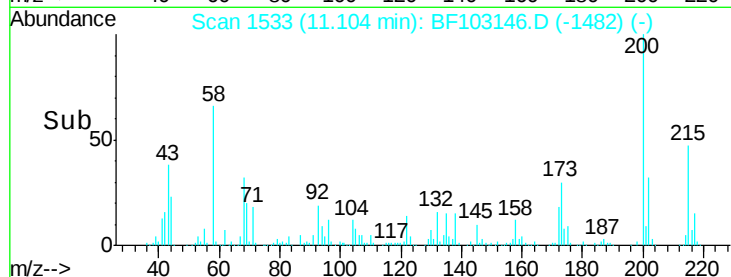
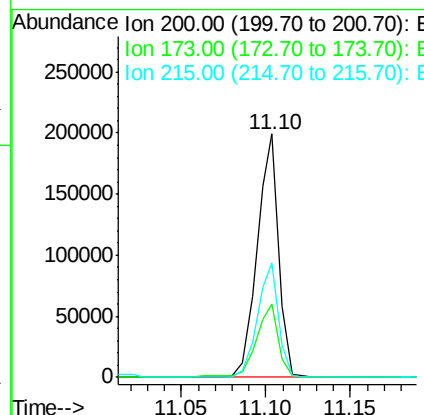
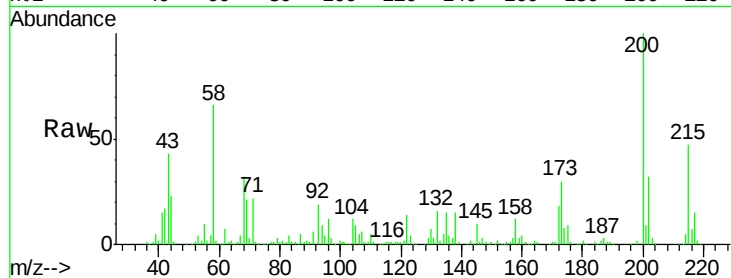




#68
Atrazine
Concen: 39.556 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

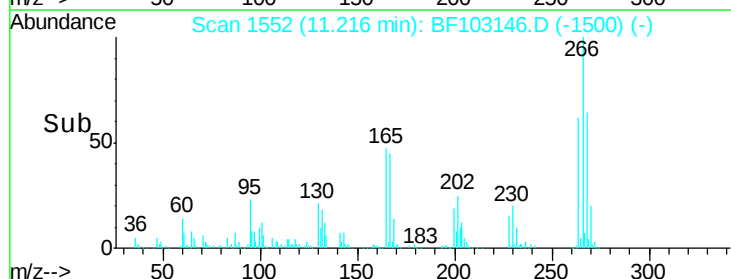
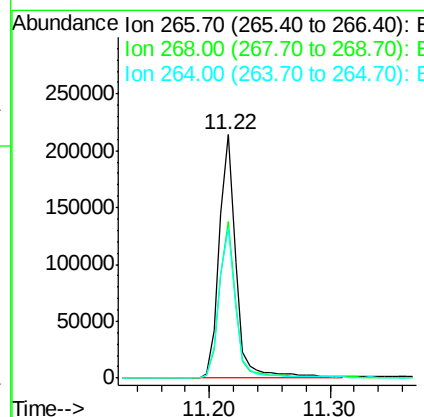
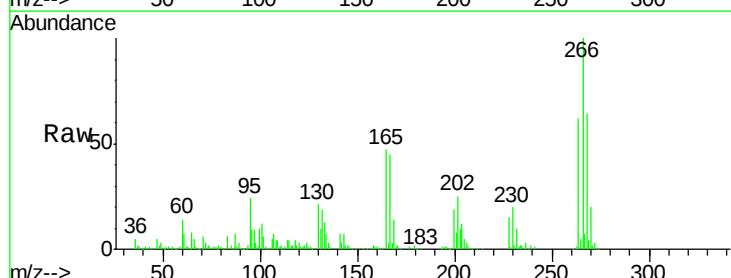
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

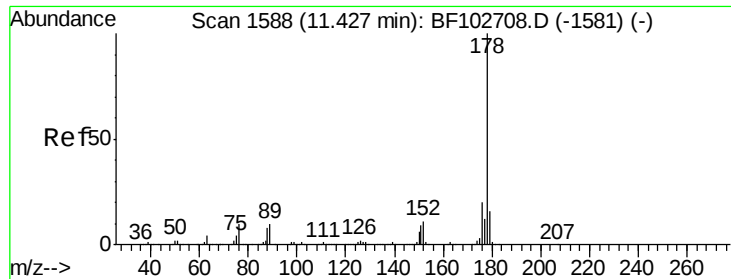
Tot Ion:200 Resp: 176219
Ion Ratio Lower Upper
200 100
173 30.3 8.6 48.6
215 46.7 25.1 65.1



#69
Pentachlorophenol
Concen: 69.954 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:266 Resp: 205154
Ion Ratio Lower Upper
266 100
268 64.4 51.1 76.7
264 61.7 49.5 74.3

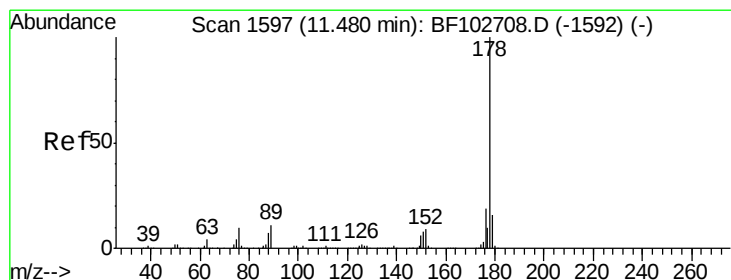
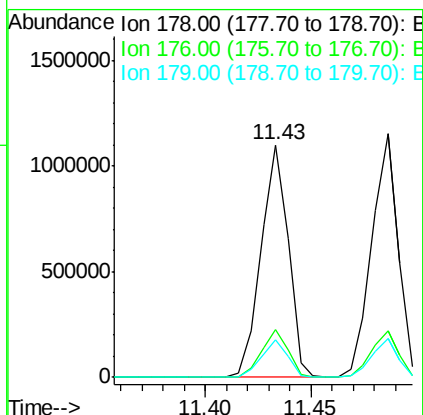
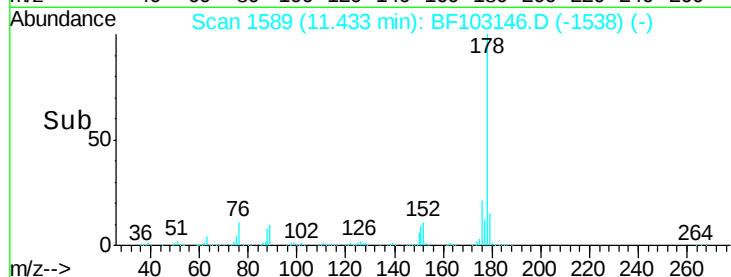
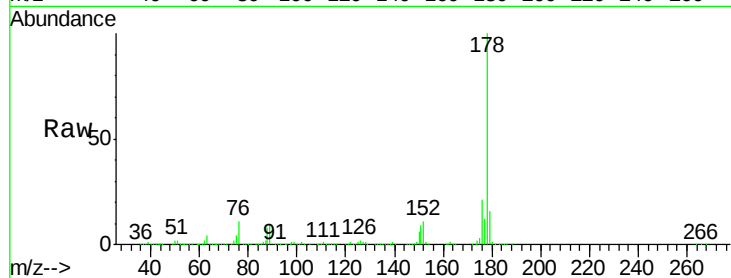




#70
Phenanthrene
Concen: 41.518 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

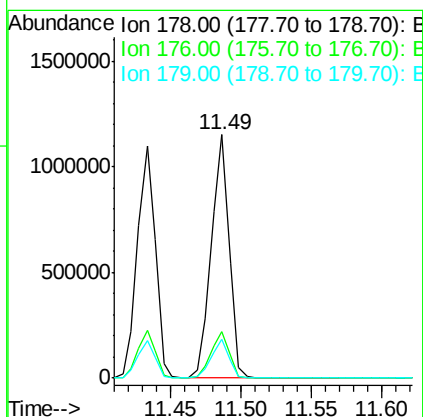
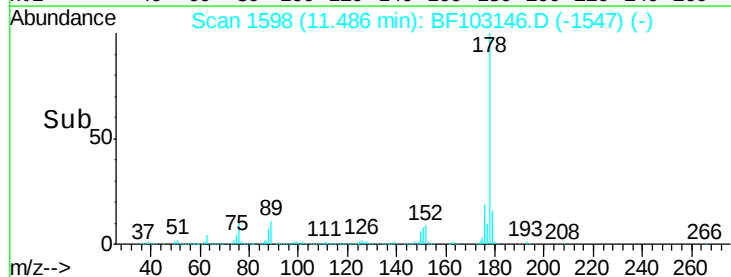
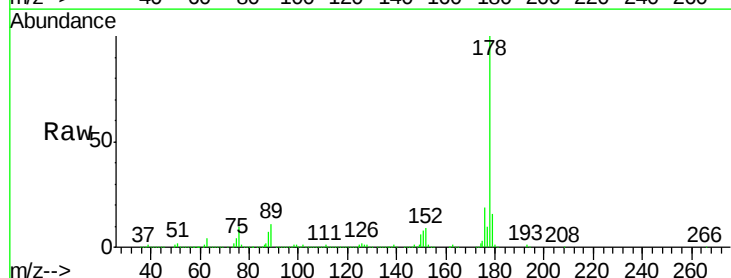
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

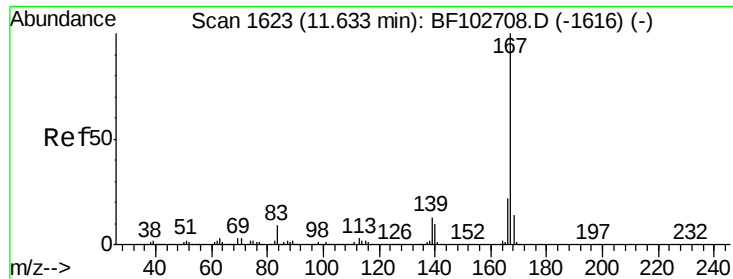
Tot Ion:178 Resp: 989910
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 15.9 13.0 19.6



#71
Anthracene
Concen: 41.844 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:178 Resp: 1014740
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.8 12.6 19.0





#72

Carbazole

Concen: 40.746 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

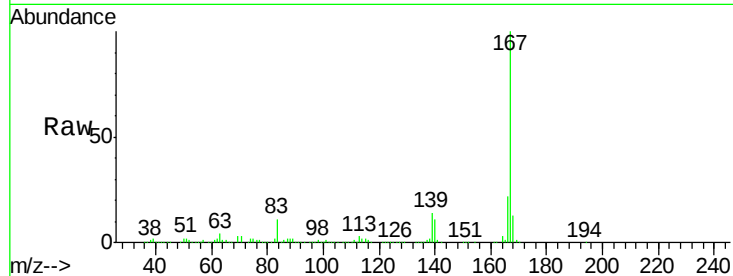
Tot Ion:167 Resp: 968058

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

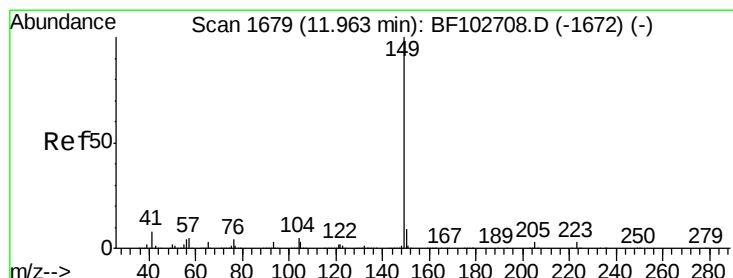
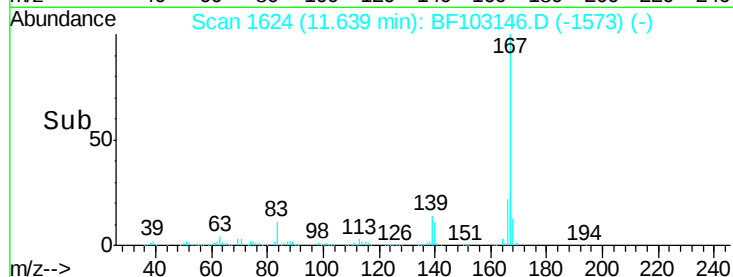
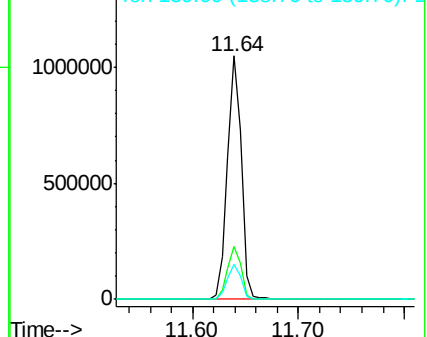
139 14.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.049 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

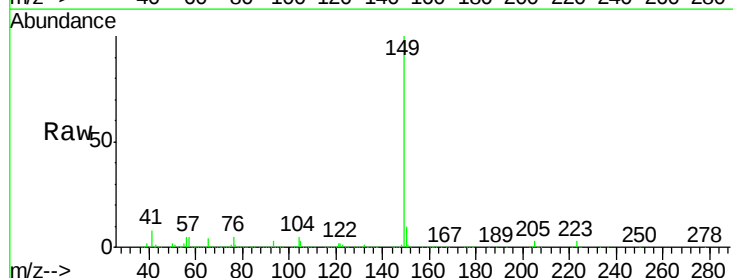
Tgt Ion:149 Resp: 1357839

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

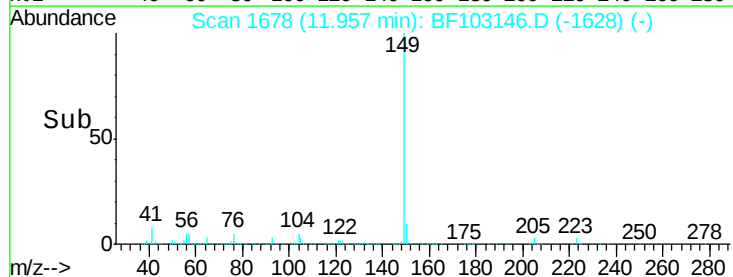
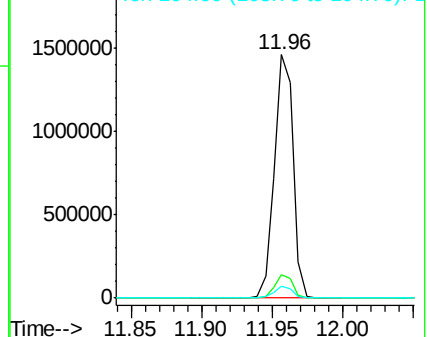
104 4.9 3.8 5.8

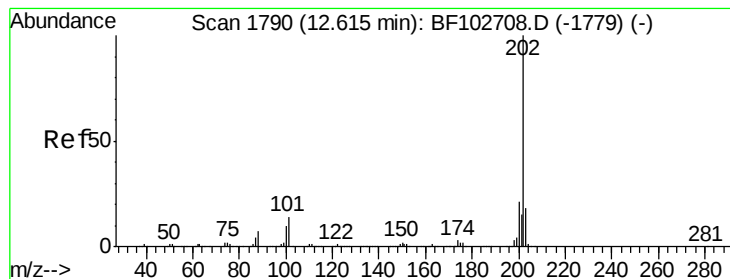


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.629 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

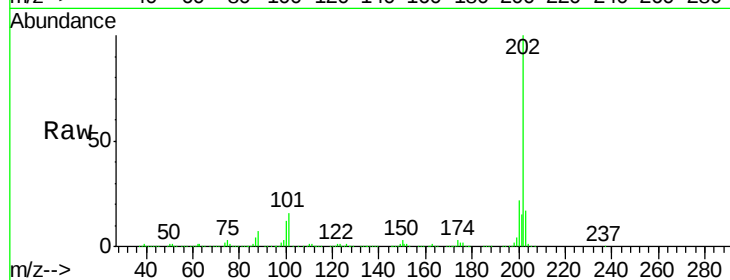
Tot Ion:202 Resp: 926682

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.1

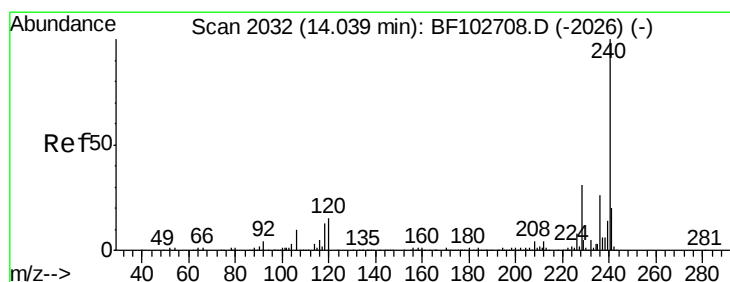
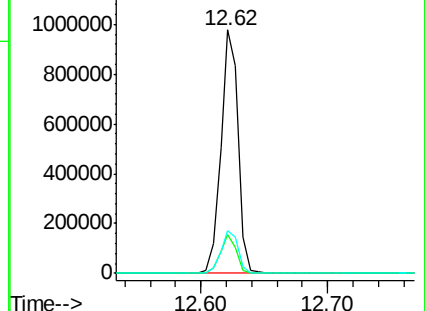
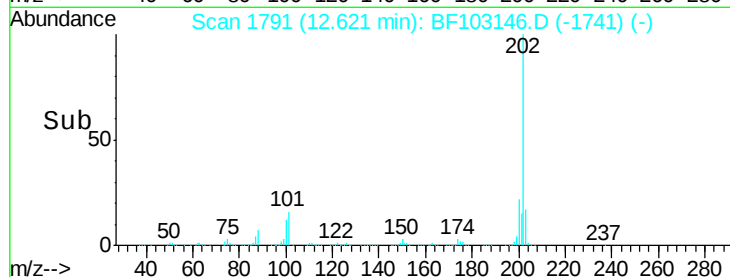
203 17.4 0.0 38.1



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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

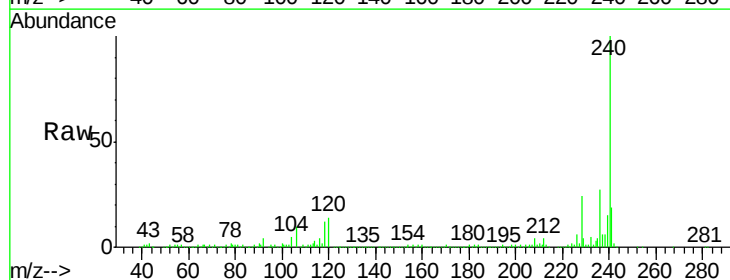
Tgt Ion:240 Resp: 284730

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

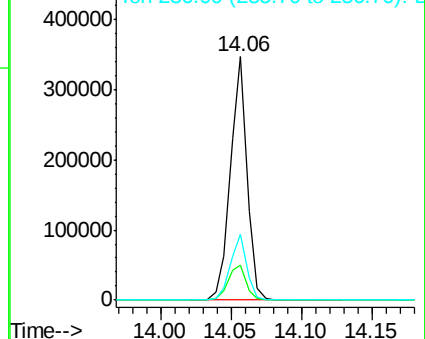
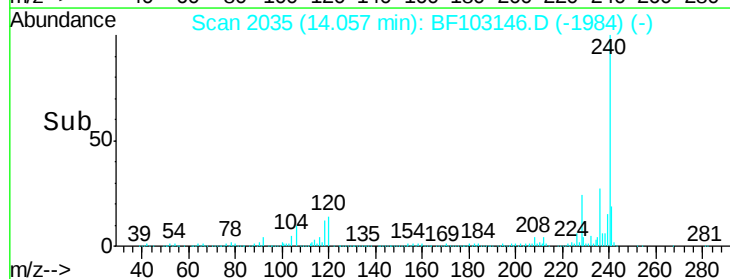
236 27.2 20.7 31.1

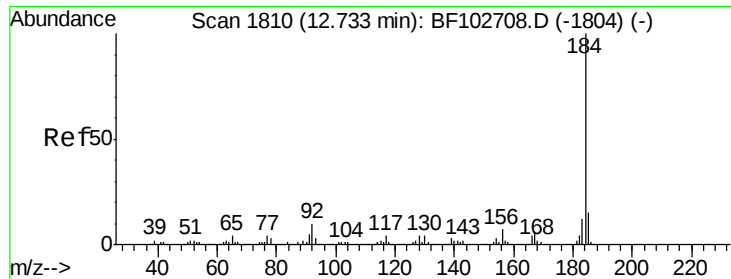


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 14.042 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

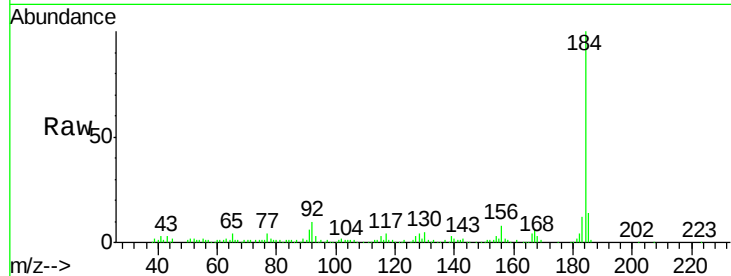
Tot Ion:184 Resp: 183752

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

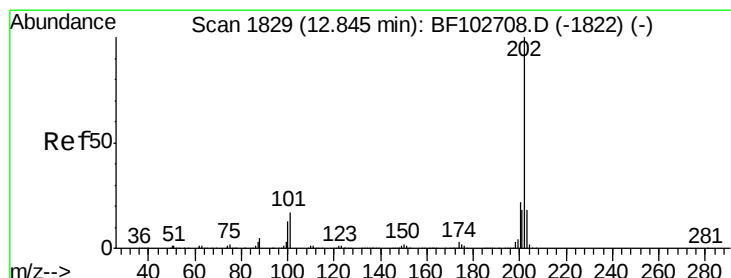
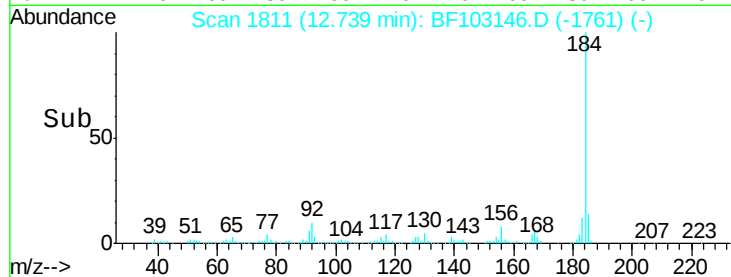
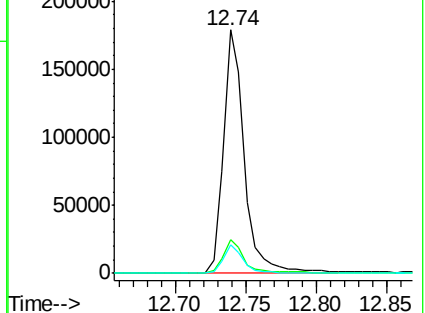
183 11.6 9.3 13.9



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

Pyrene

Concen: 42.011 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

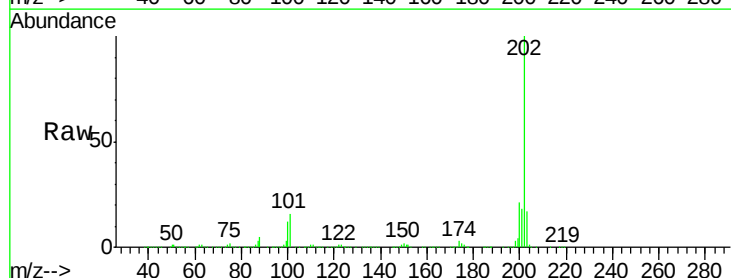
Tgt Ion:202 Resp: 937989

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

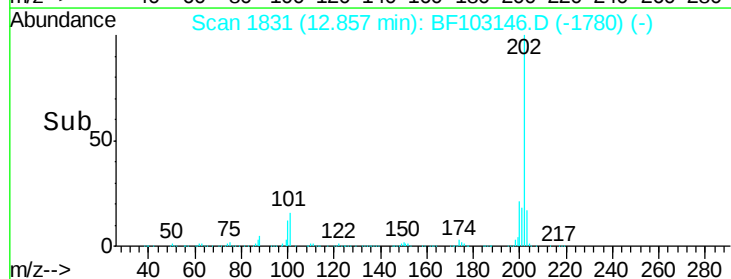
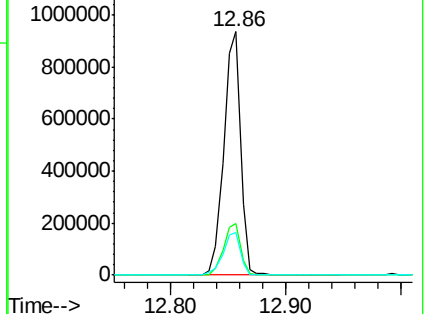
203 17.3 14.3 21.5

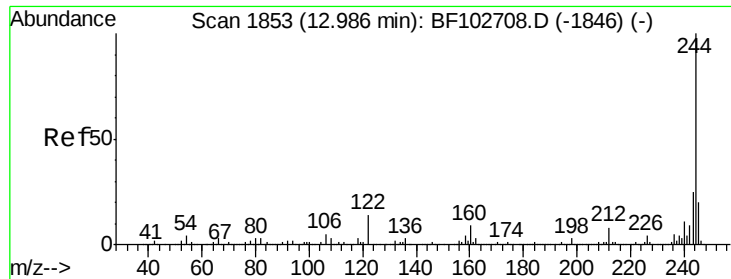


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.964 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

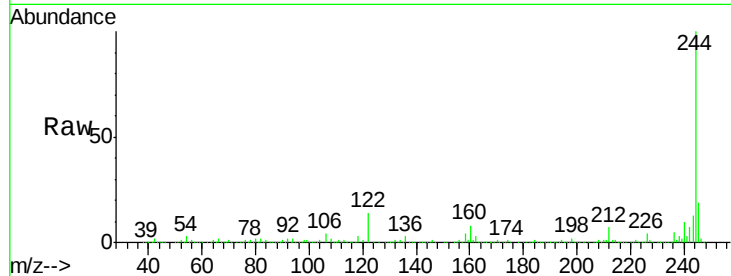
Tot Ion:244 Resp: 1129936

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

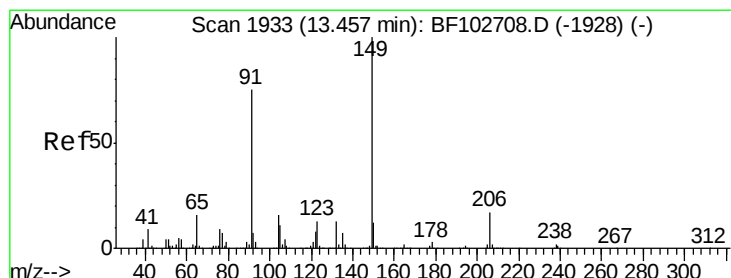
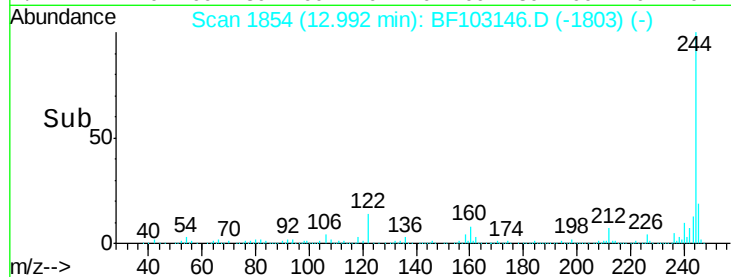
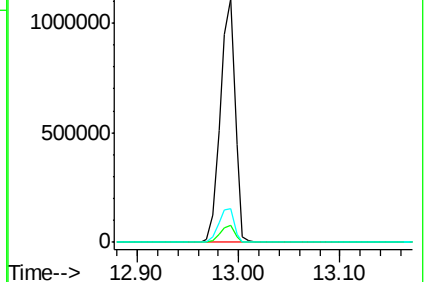
122 13.7 11.0 16.4



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: 48.548 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

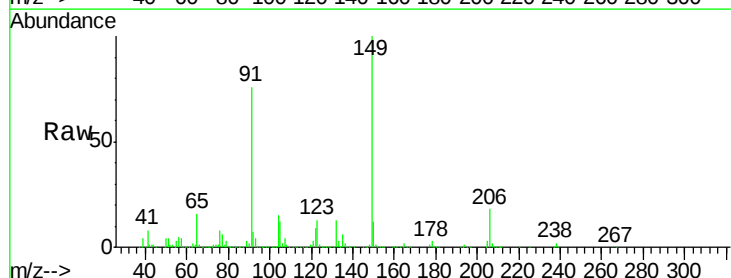
Tgt Ion:149 Resp: 518612

Ion Ratio Lower Upper

149 100

91 75.5 56.8 85.2

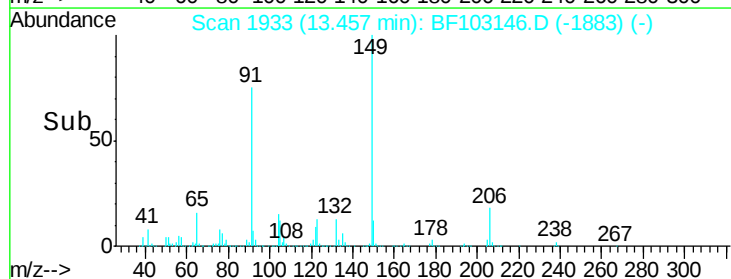
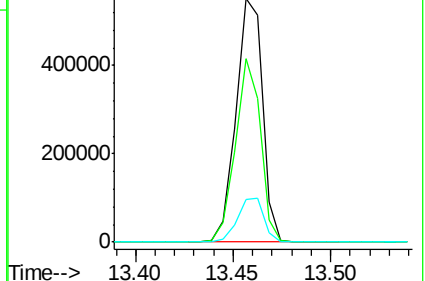
206 17.5 14.1 21.1

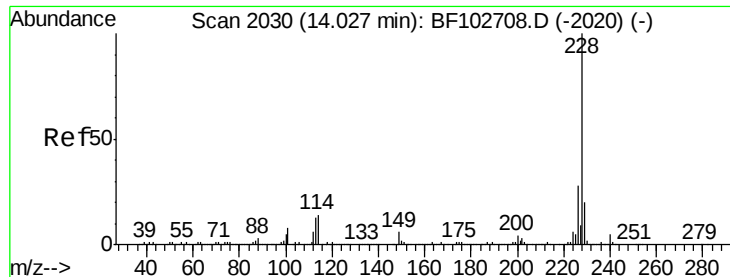


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.519 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

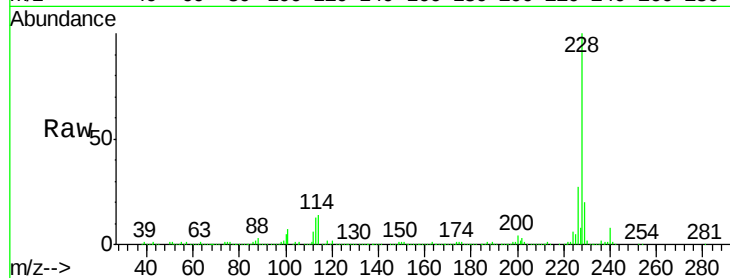
Tot Ion:228 Resp: 833002

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

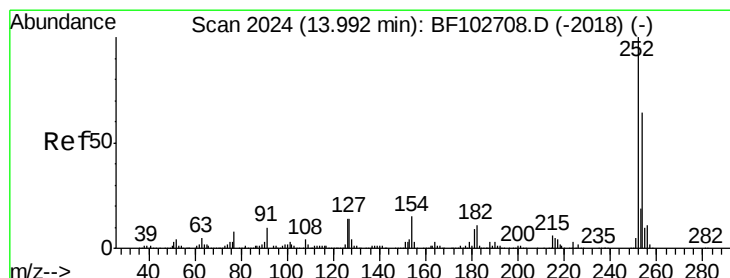
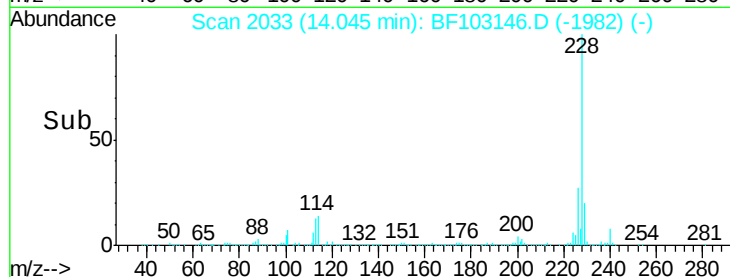
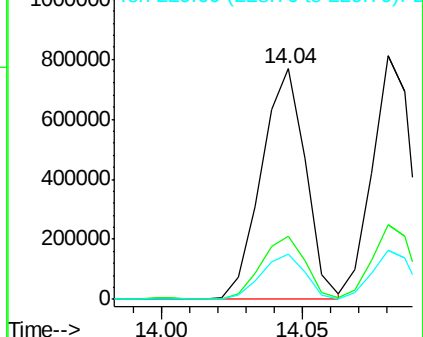
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.194 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

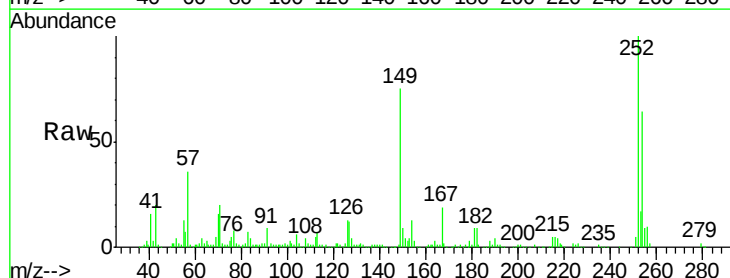
Tgt Ion:252 Resp: 227030

Ion Ratio Lower Upper

252 100

254 64.3 50.4 75.6

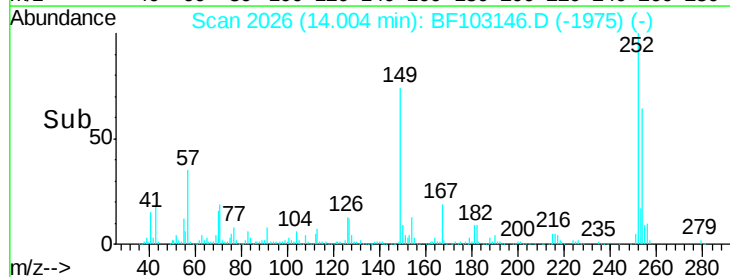
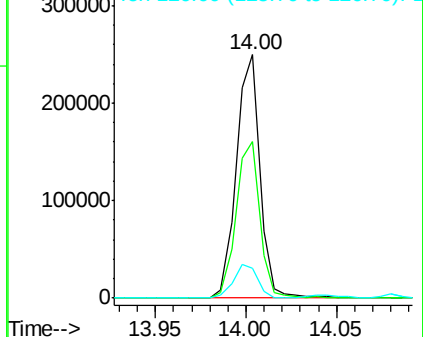
126 12.5 11.3 16.9

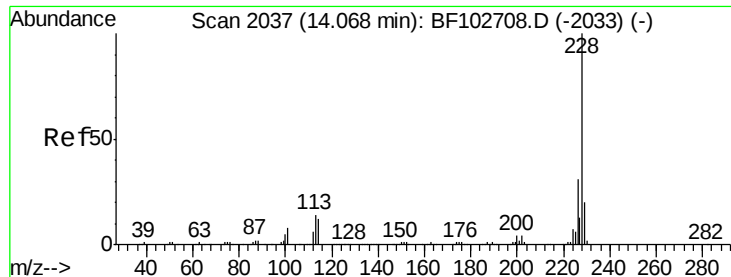


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.913 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

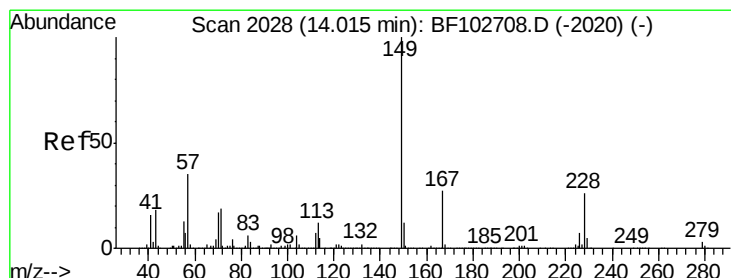
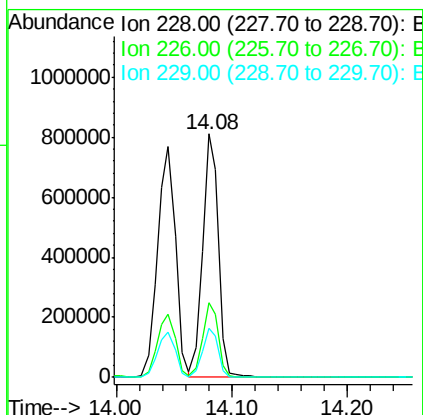
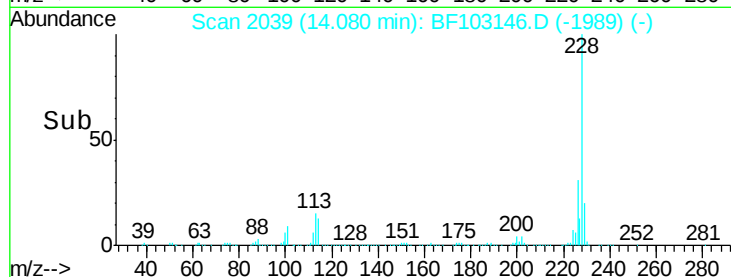
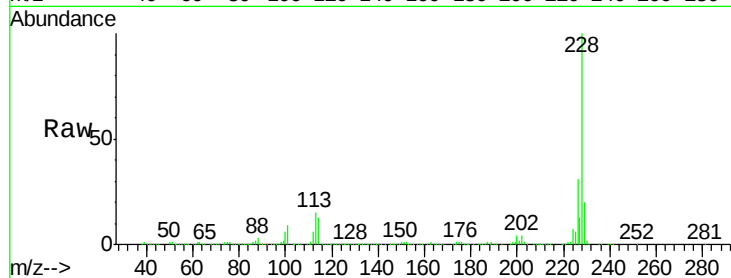
Tot Ion:228 Resp: 774618

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 20.0 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.264 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

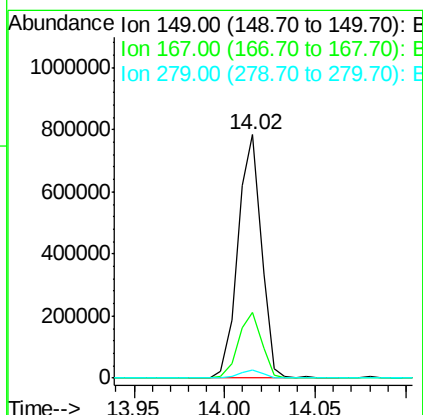
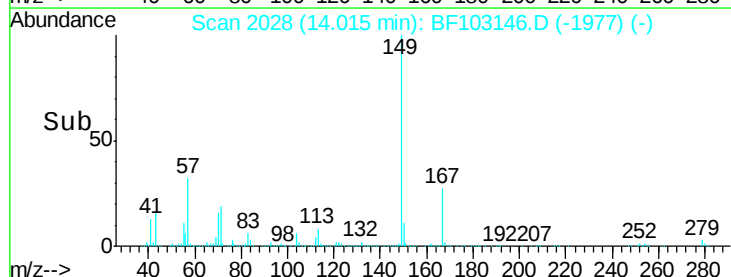
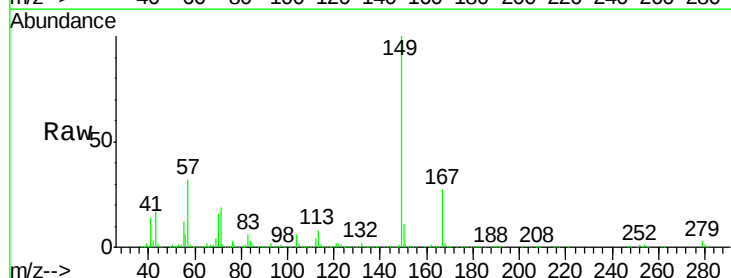
Tgt Ion:149 Resp: 701155

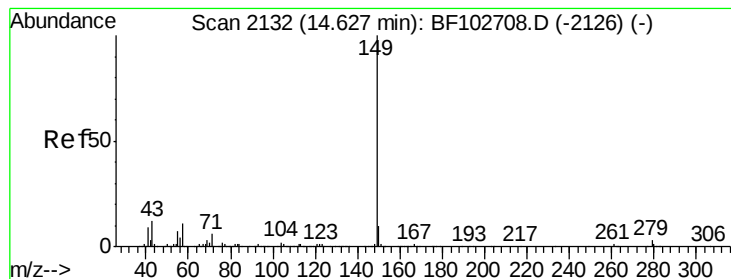
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.4 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 58.133 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PITMS

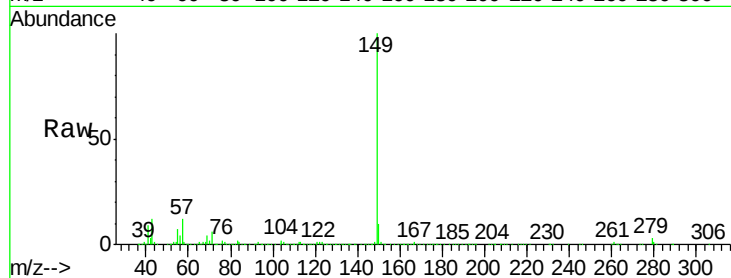
Tot Ion:149 Resp: 1193872

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

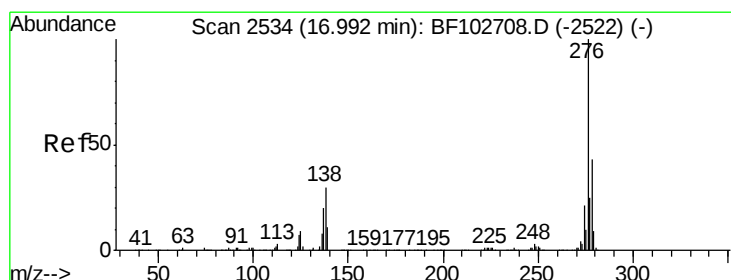
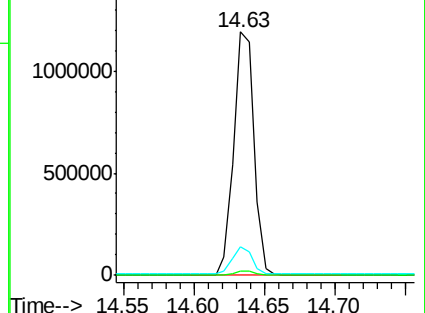
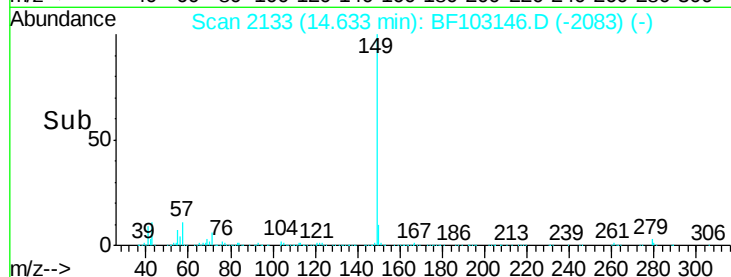
43 11.2 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 40.583 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF103146.D

Acq: 21 Feb 2018 19:39

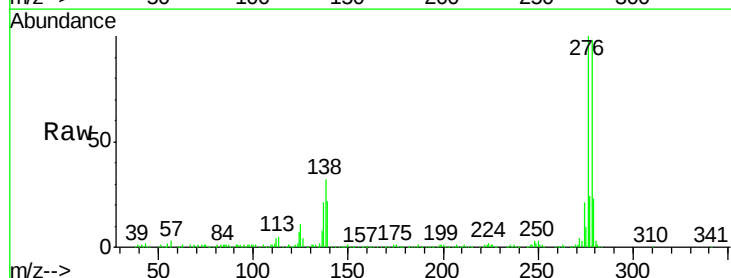
Tgt Ion:276 Resp: 607575

Ion Ratio Lower Upper

276 100

138 33.7 25.0 37.6

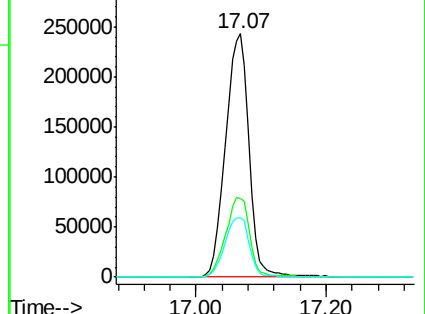
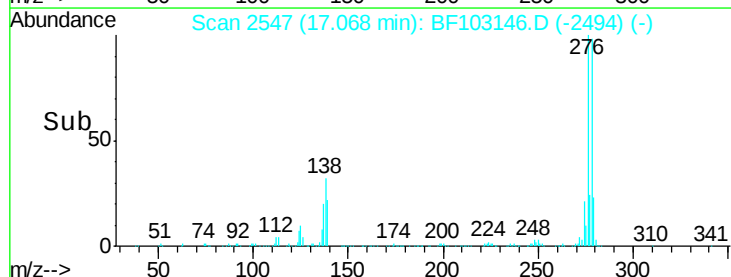
277 25.7 20.1 30.1

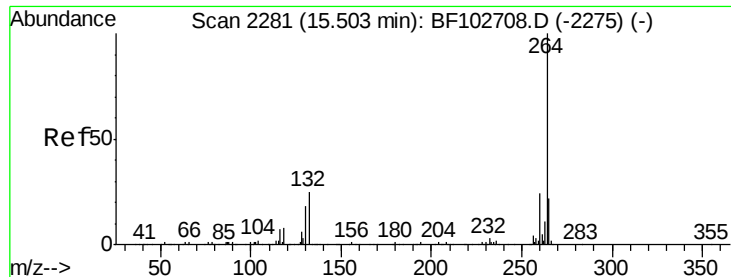


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

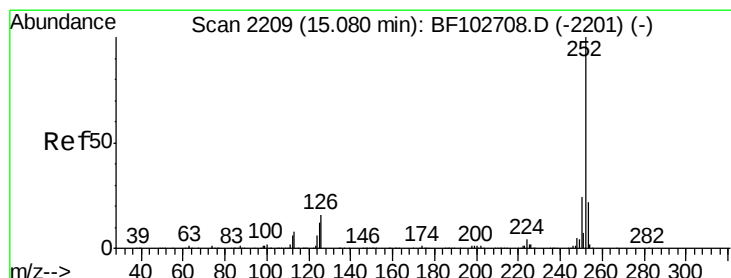
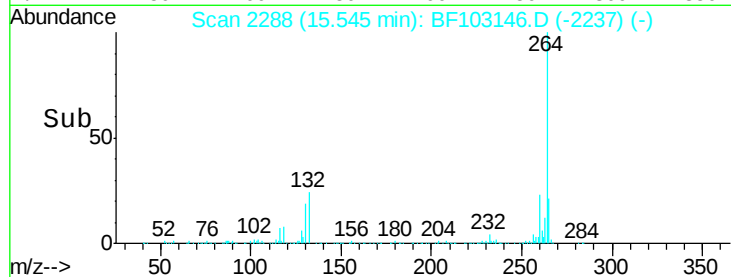
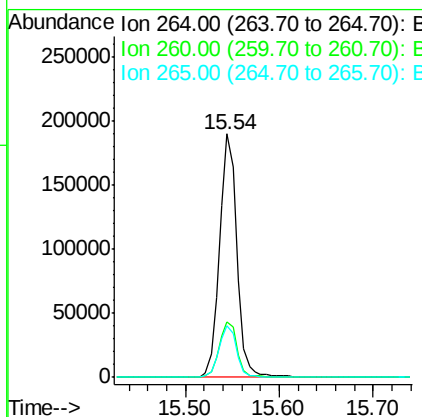
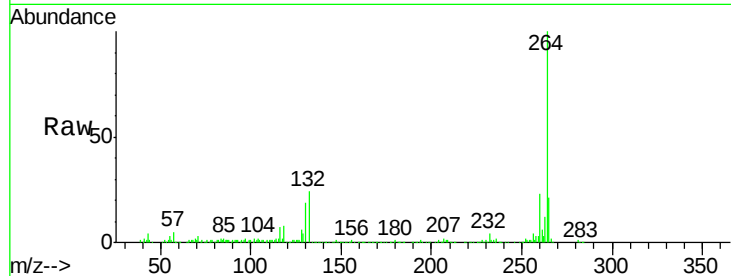




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

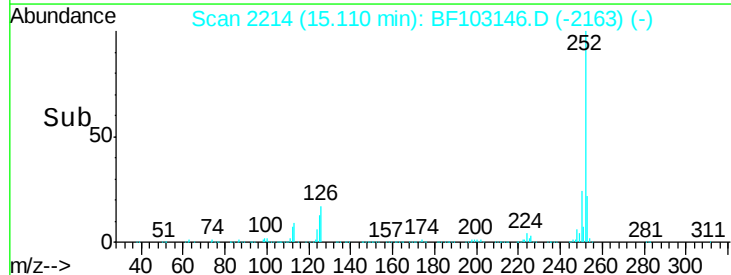
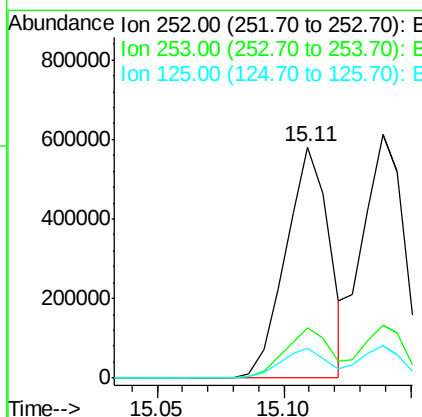
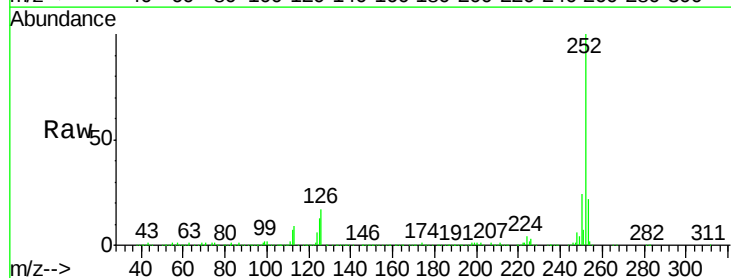
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

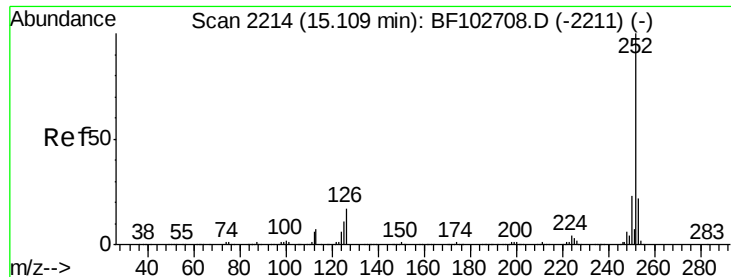
Tot Ion:264 Resp: 245653
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 43.476 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:252 Resp: 692423
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.9 9.0 13.6

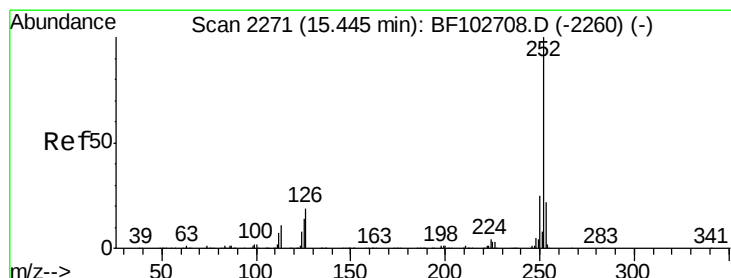
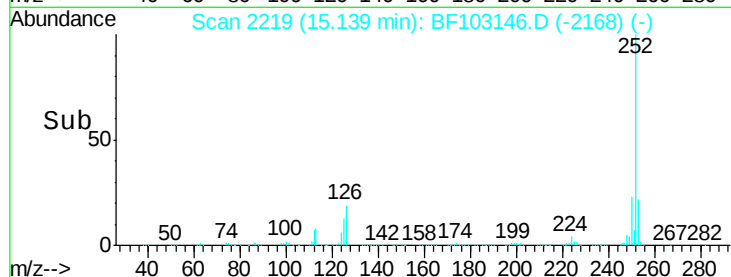
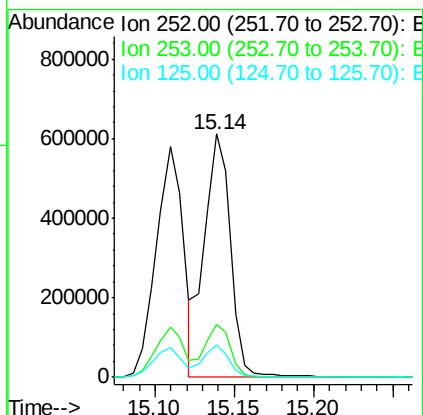
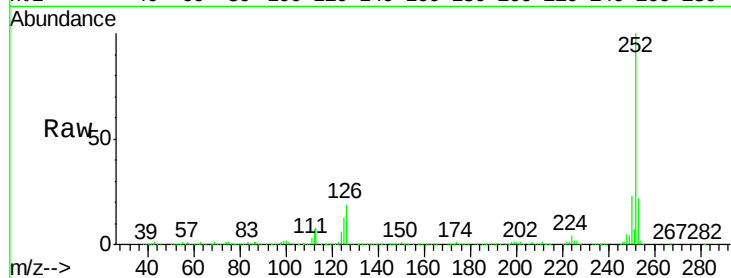




#88
Benzo(k)fluoranthene
Concen: 45.857 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

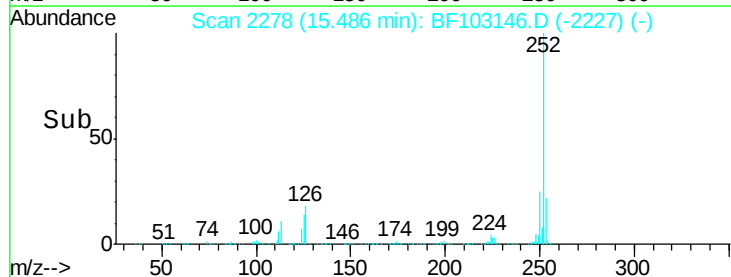
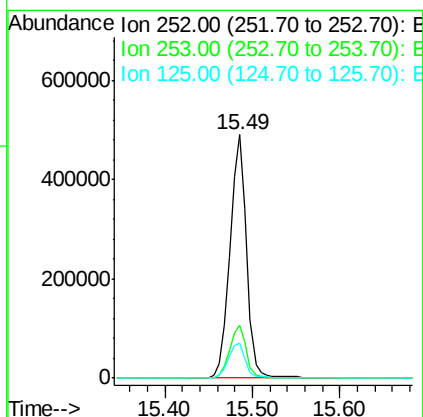
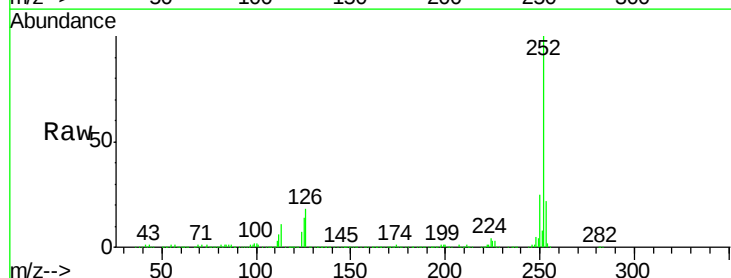
Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

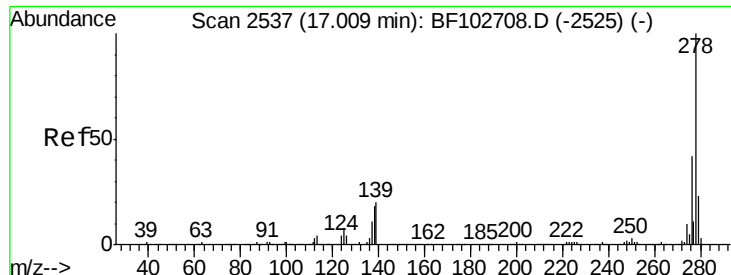
Tot Ion:252 Resp: 697838
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 13.4 10.2 15.2



#89
Benzo(a)pyrene
Concen: 44.374 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:252 Resp: 636136
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.2 9.8 14.6

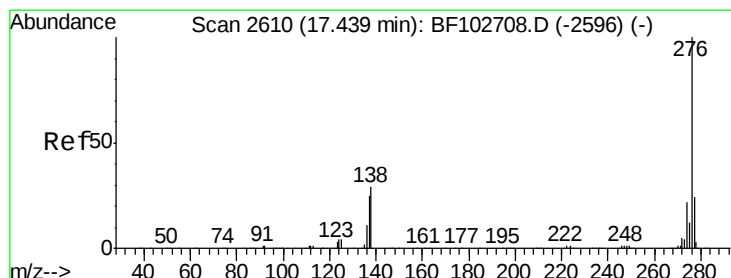
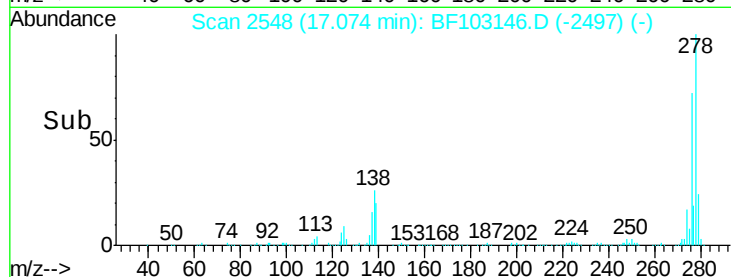
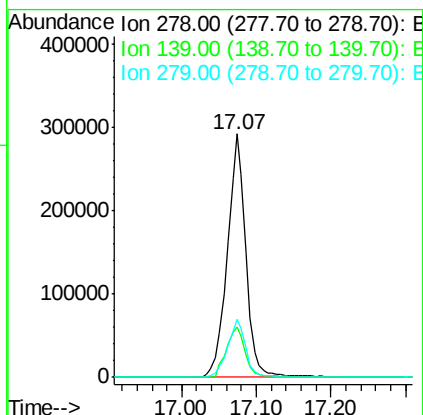
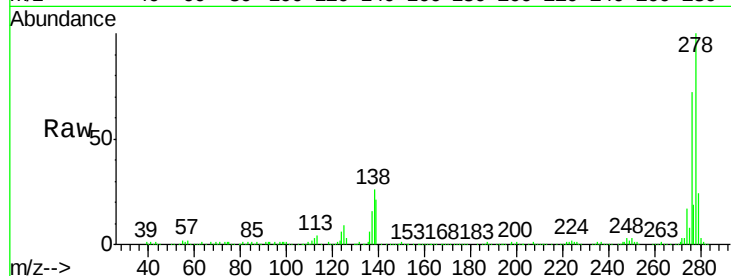




#90
Dibenzo(a,h)anthracene
Concen: 43.649 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Instrument :
BNA_F
ClientSampleId :
BUS-WASH-SLUDGE-PITMS

Tot Ion:278 Resp: 507902
Ion Ratio Lower Upper
278 100
139 20.7 15.9 23.9
279 23.7 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 44.639 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF103146.D
Acq: 21 Feb 2018 19:39

Tgt Ion:276 Resp: 508407
Ion Ratio Lower Upper
276 100
277 23.5 17.9 26.9
138 27.5 21.8 32.8

