

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104852.D
 Acq On : 26 Apr 2018 22:01
 Operator : JU/SJ
 Sample : J2585-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

Quant Time: Apr 27 07:40:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101434	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	381269	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	141861	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	237027	20.00	ng	0.00
75) Chrysene-d12	13.99	240	208920	20.00	ng	0.00
86) Perylene-d12	15.45	264	151568	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	767682	115.72	ng	0.01
7) Phenol-d6	6.45	99	899573	110.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	545658	93.45	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	160252	108.90	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	754436	84.01	ng	0.00
78) Terphenyl-d14	12.92	244	675571	73.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	92956	30.073	ng	88
3) Pyridine	3.29	79	258640	29.761	ng	86
4) n-Nitrosodimethylamine	3.24	42	103014	33.909	ng	# 79
6) Aniline	6.47	93	254774	22.499	ng	# 66
8) 2-Chlorophenol	6.59	128	260685	37.232	ng	93
9) Benzaldehyde	6.35	77	104495	21.681	ng	96
10) Phenol	6.46	94	334226	38.647	ng	79
11) bis(2-Chloroethyl)ether	6.54	93	241117	34.938	ng	96
12) 1,3-Dichlorobenzene	6.74	146	266814	33.637	ng	98
13) 1,4-Dichlorobenzene	6.82	146	271463	34.332	ng	99
14) 1,2-Dichlorobenzene	6.97	146	250795	34.227	ng	98
15) Benzyl Alcohol	6.95	79	206725	33.393	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	275004	29.672	ng	53
17) 2-Methylphenol	7.06	107	206332	33.901	ng	94
18) Hexachloroethane	7.31	117	68428	24.272	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	160588	30.151	ng	93
20) 3+4-Methylphenols	7.22	107	256528	33.984	ng	90
22) Acetophenone	7.21	105	338789	36.093	ng	97
24) Nitrobenzene	7.39	77	250607	38.875	ng	92
25) Isophorone	7.63	82	437010	35.394	ng	97
26) 2-Nitrophenol	7.70	139	126317	48.132	ng	95
27) 2,4-Dimethylphenol	7.75	122	212793	39.050	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	290773	38.517	ng	99
29) 2,4-Dichlorophenol	7.95	162	195012	37.507	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	196618	34.458	ng	99
31) Naphthalene	8.11	128	653711	34.433	ng	100
32) Benzoic acid	7.86	122	85320	19.623	ng	97
33) 4-Chloroaniline	8.16	127	196425	24.150	ng	96
34) Hexachlorobutadiene	8.22	225	104222	33.346	ng	99
35) Caprolactam	8.53	113	55492	30.594	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	193309	34.674	ng	99
37) 2-Methylnaphthalene	8.80	142	398459	32.446	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	164851	40.595	ng	98
42) 2,4,6-Trichlorophenol	9.08	196	113138	40.134	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	116805	37.027	nq	94
45) 1,1'-Biphenyl	9.26	154	444599	37.307	nq	99
46) 2-Chloronaphthalene	9.29	162	345694	36.725	nq	98
47) 2-Nitroaniline	9.39	65	106917	45.929	nq	94
48) Acenaphthylene	9.70	152	499769	33.839	nq	99
49) Dimethylphthalate	9.56	163	501432	44.823	nq	100
50) 2,6-Dinitrotoluene	9.63	165	86472	41.774	nq	# 85
51) Acenaphthene	9.87	154	284559	31.579	nq	99
52) 3-Nitroaniline	9.80	138	87718	36.197	nq	98
53) 2,4-Dinitrophenol	9.92	184	6321	15.499	nq	# 21
54) Dibenzofuran	10.05	168	418845	33.353	nq	99
55) 4-Nitrophenol	9.98	139	126271	66.332	nq	91
56) 2,4-Dinitrotoluene	10.04	165	100386	36.971	nq	99
57) Fluorene	10.39	166	323196	35.359	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	81421	34.597	nq	97
59) Diethylphthalate	10.26	149	374361	33.601	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	150028	36.855	nq	99
61) 4-Nitroaniline	10.42	138	87559	36.953	nq	98
62) Azobenzene	10.55	77	312314	29.341	nq	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	6465	12.090	nq	85
65) n-Nitrosodiphenylamine	10.50	169	290827	35.388	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	86015	34.117	nq	# 89
67) Hexachlorobenzene	10.94	284	96284	33.940	nq	97
68) Atrazine	11.03	200	90087	36.316	nq	97
69) Pentachlorophenol	11.15	266	86960	49.549	nq	97
70) Phenanthrene	11.36	178	440677	33.385	nq	99
71) Anthracene	11.41	178	464678	34.631	nq	99
72) Carbazole	11.57	167	452328	34.498	nq	100
73) Di-n-butylphthalate	11.89	149	507404	31.680	nq	99
74) Fluoranthene	12.55	202	505750	36.672	nq	97
76) Benzidine	12.67	184	229221	29.998	nq	98
77) Pyrene	12.78	202	512022	33.064	nq	100
79) Butylbenzylphthalate	13.39	149	241292	33.074	nq	96
80) Benzo(a)anthracene	13.97	228	439867	35.243	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	162688	34.959	nq	98
82) Chrysene	14.01	228	419208	32.700	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	349025	37.194	nq	# 98
84) Di-n-octyl phthalate	14.57	149	589727	37.611	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	292329	26.843	nq	95
87) Benzo(b)fluoranthene	15.03	252	336628	35.165	nq	99
88) Benzo(k)fluoranthene	15.06	252	322825	35.720	nq	97
89) Benzo(a)pyrene	15.39	252	292231	34.118	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	247355	35.162	nq	96
91) Benzo(g,h,i)perylene	17.37	276	238640	35.015	nq	94

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

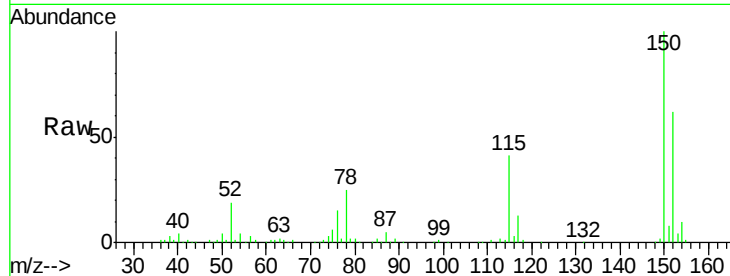


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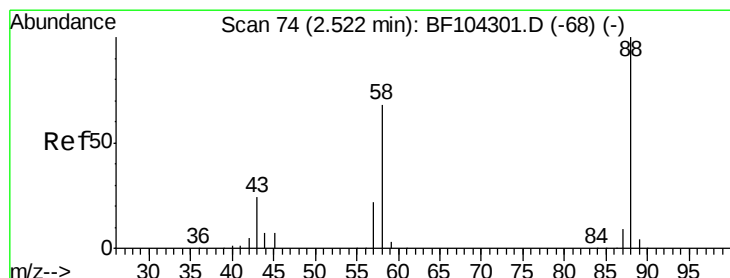
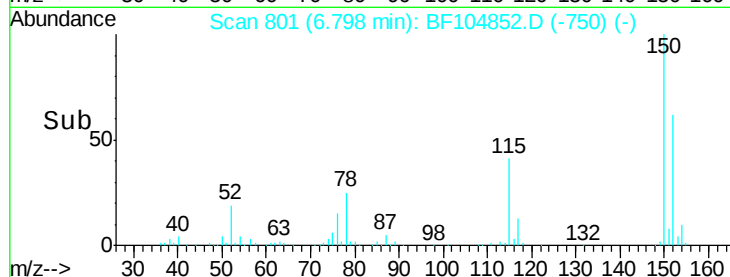
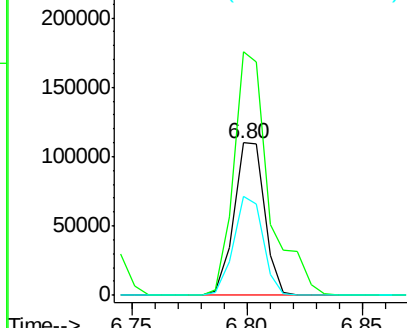
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

Tot Ion:152 Resp: 101434
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 65.2 50.1 75.1



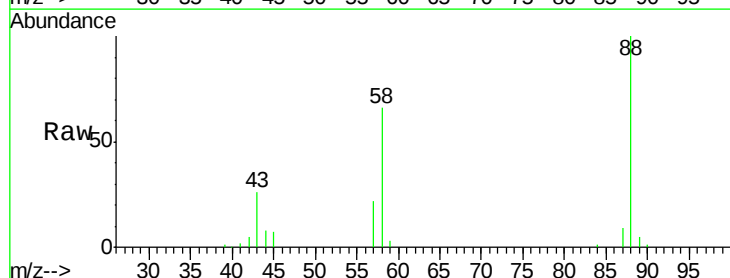
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



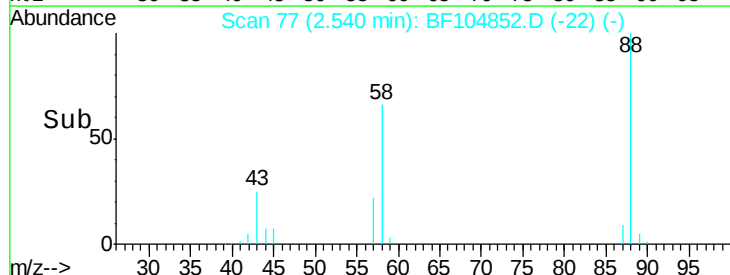
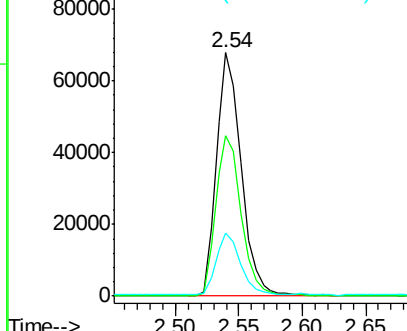
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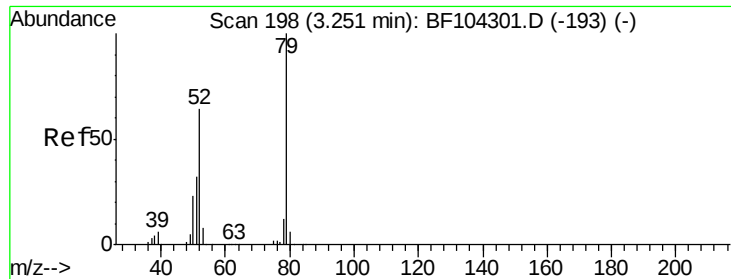
1,4-Dioxane
Concen: 30.073 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion: 88 Resp: 92956
Ion Ratio Lower Upper
88 100
58 67.5 62.6 93.8
43 25.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.761 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

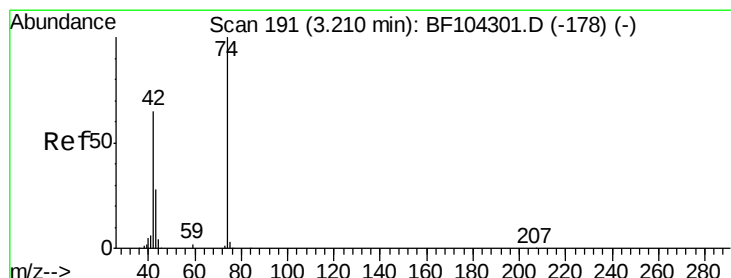
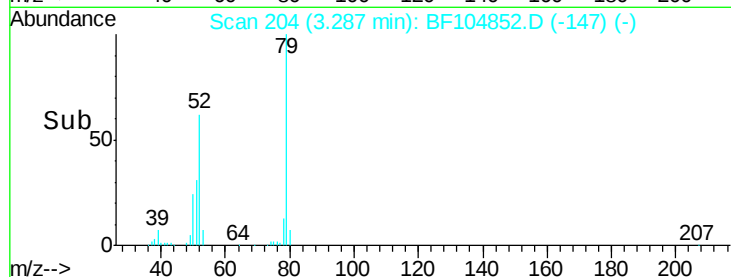
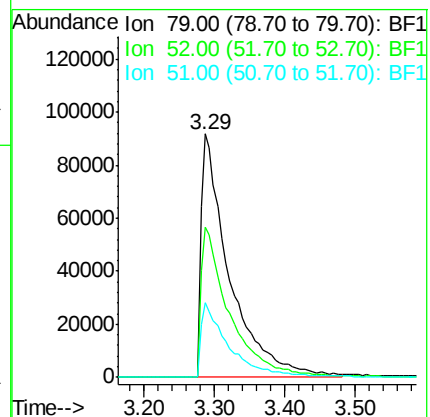
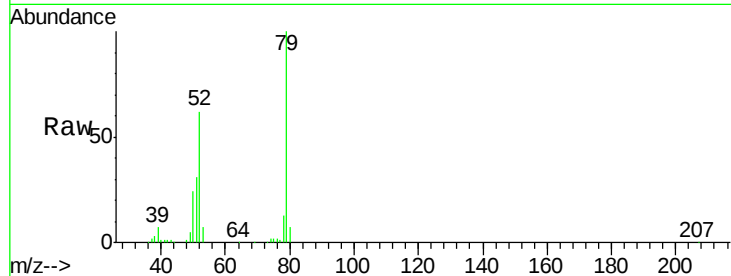
Tot Ion: 79 Resp: 258640

Ion Ratio Lower Upper

79 100

52 61.9 59.8 89.6

51 30.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.909 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.02 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

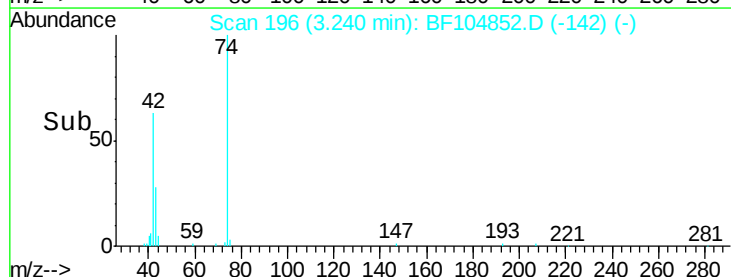
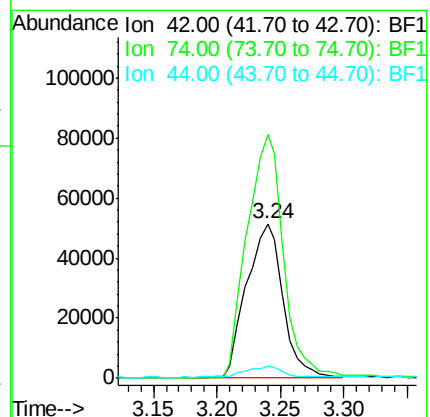
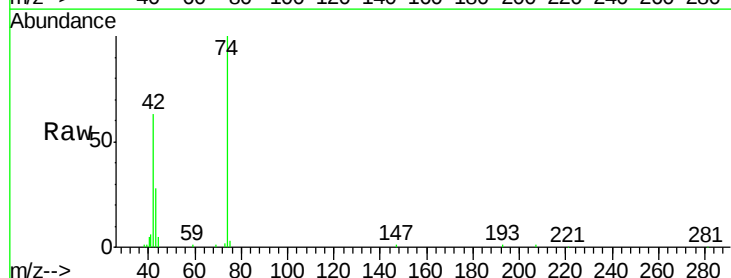
Tgt Ion: 42 Resp: 103014

Ion Ratio Lower Upper

42 100

74 157.7 104.9 157.3#

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 115.723 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

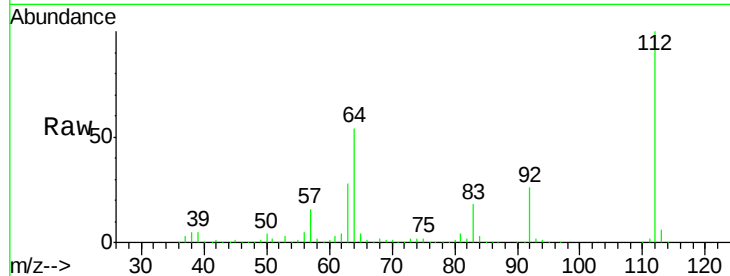
Tot Ion:112 Resp: 767682

Ion Ratio Lower Upper

112 100

64 54.1 47.9 71.9

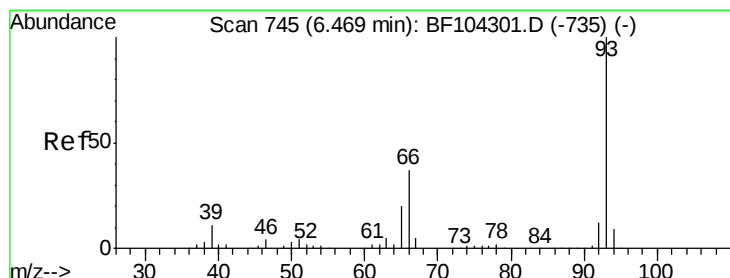
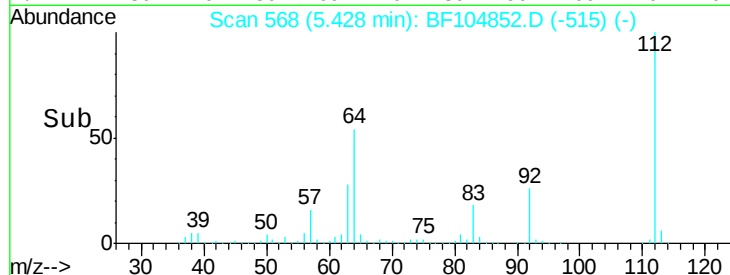
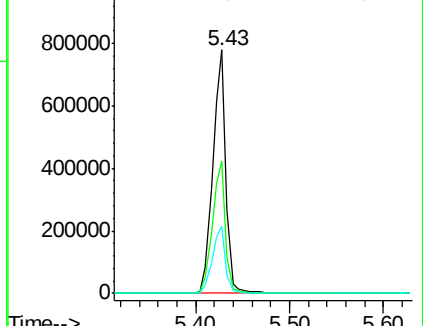
63 27.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.499 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

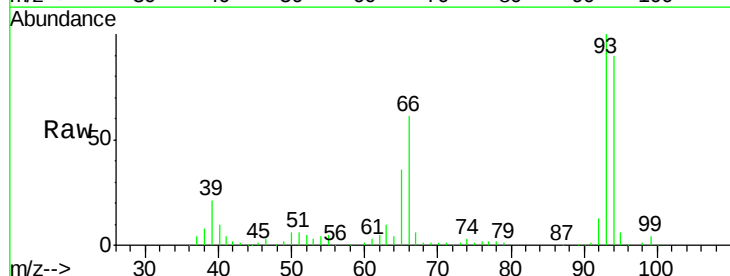
Tgt Ion: 93 Resp: 254774

Ion Ratio Lower Upper

93 100

66 61.3 32.2 48.2#

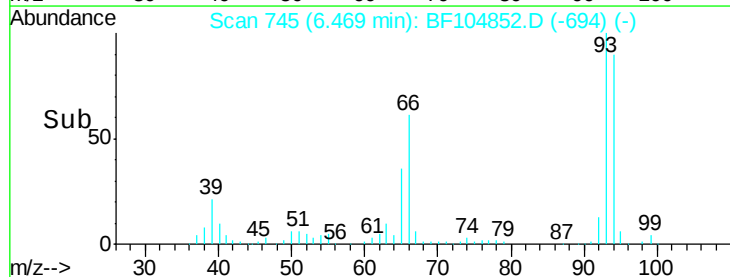
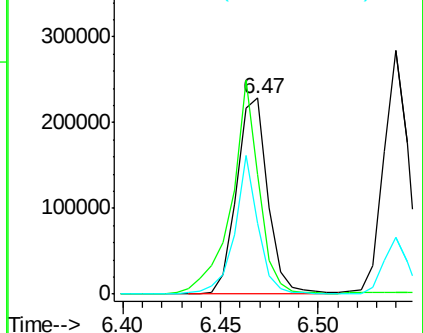
65 36.5 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.367 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

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ClientSampleId :

FK-PS-01.022MSD

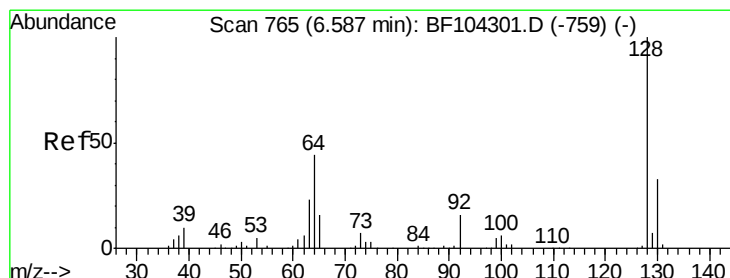
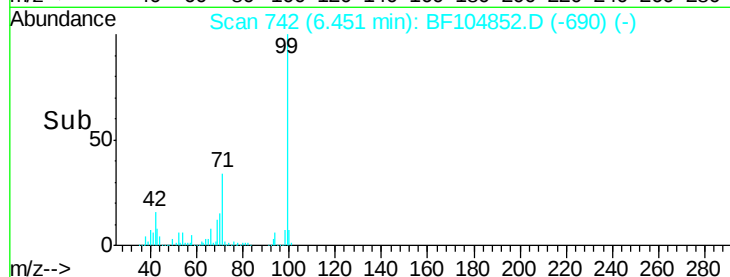
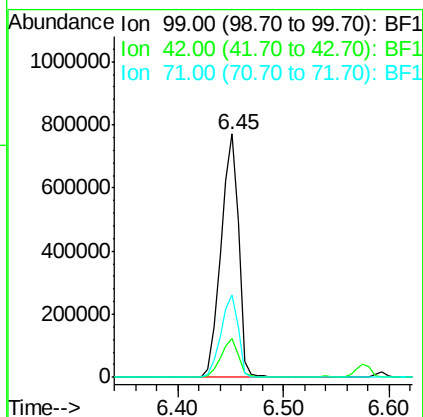
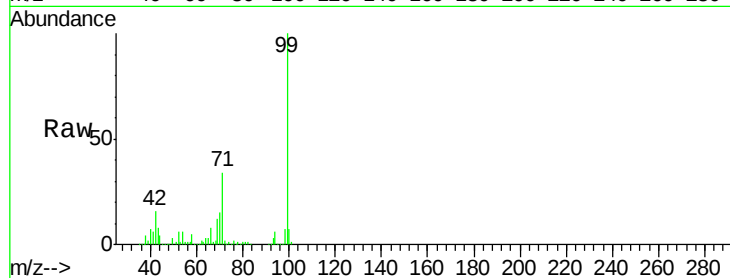
Tot Ion: 99 Resp: 899573

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 34.0 25.4 38.0



#8

2-Chlorophenol

Concen: 37.232 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

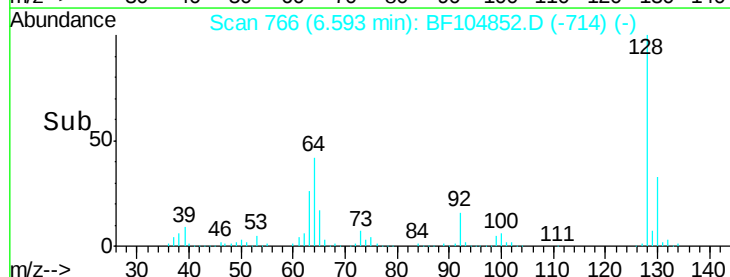
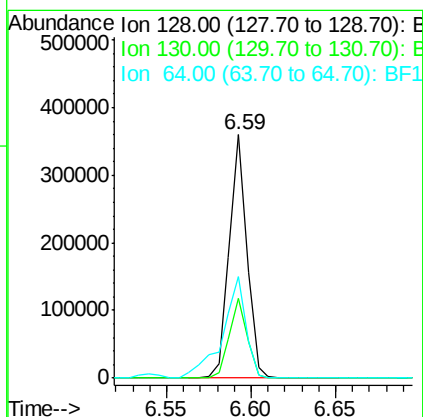
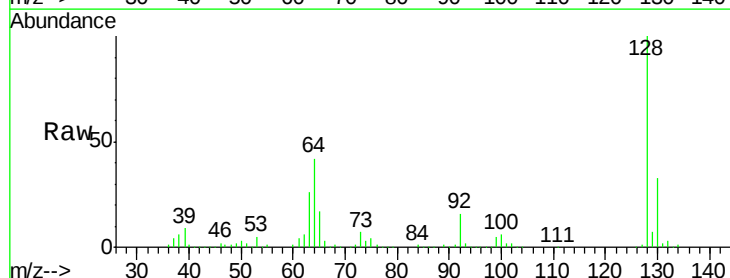
Tgt Ion: 128 Resp: 260685

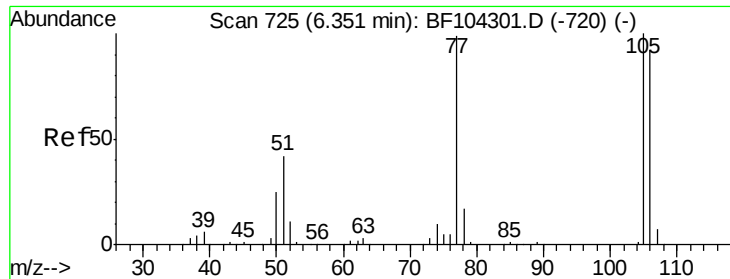
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 41.8 29.4 69.4

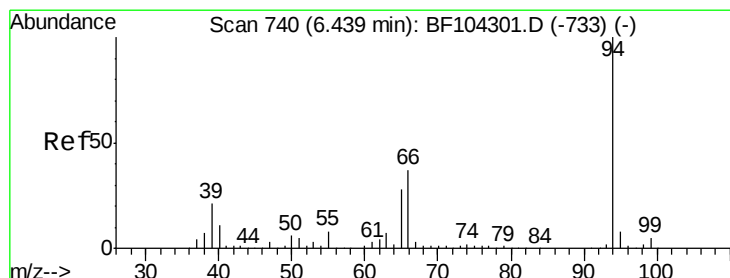
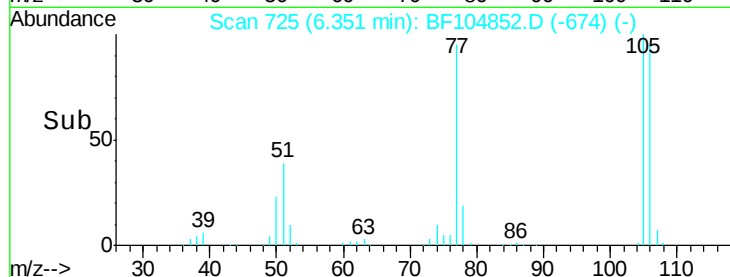
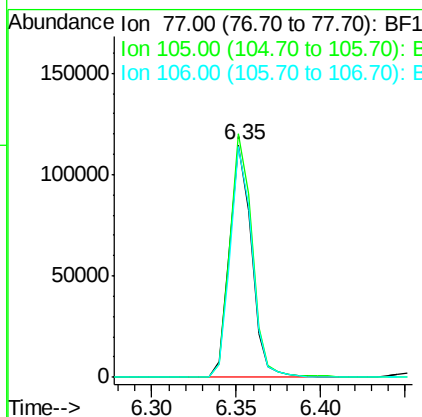
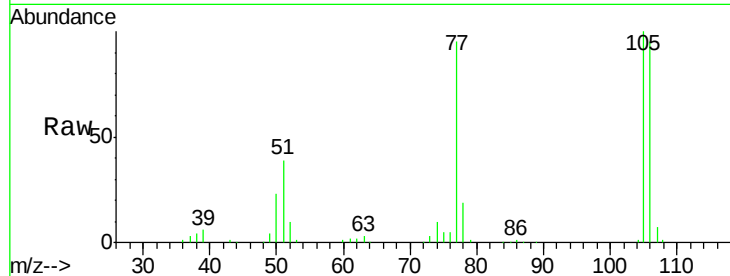




#9
Benzaldehyde
Concen: 21.681 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

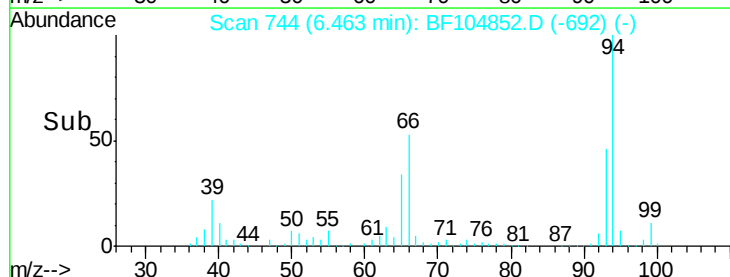
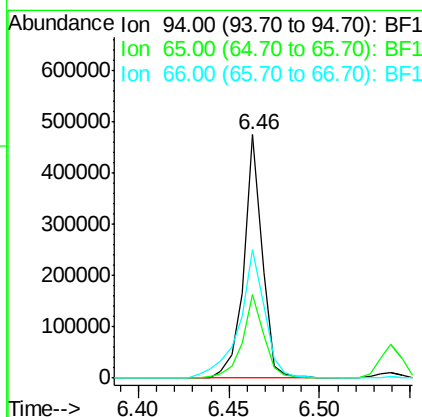
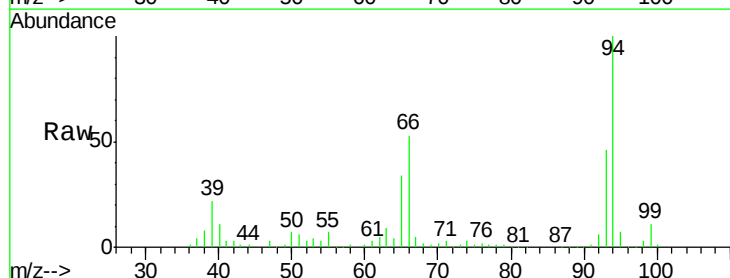
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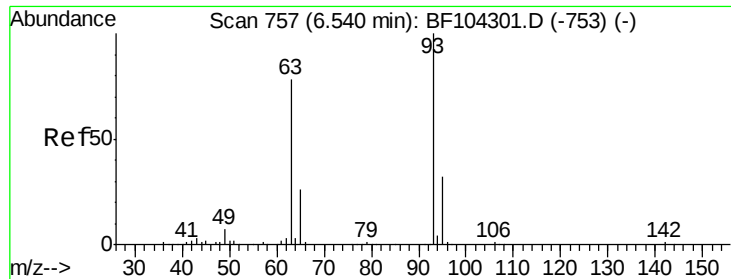
Tot Ion: 77 Resp: 104495
Ion Ratio Lower Upper
77 100
105 104.8 81.1 121.1
106 99.3 74.5 114.5



#10
Phenol
Concen: 38.647 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion: 94 Resp: 334226
Ion Ratio Lower Upper
94 100
65 34.2 7.9 47.9
66 52.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 34.938 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

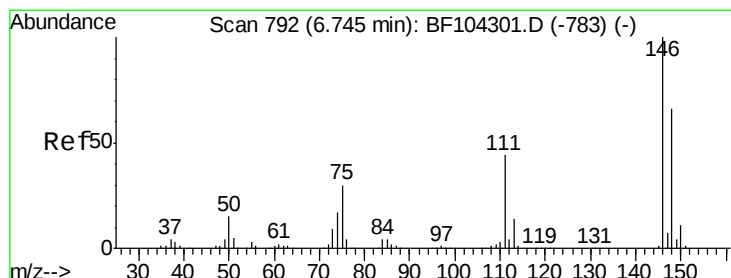
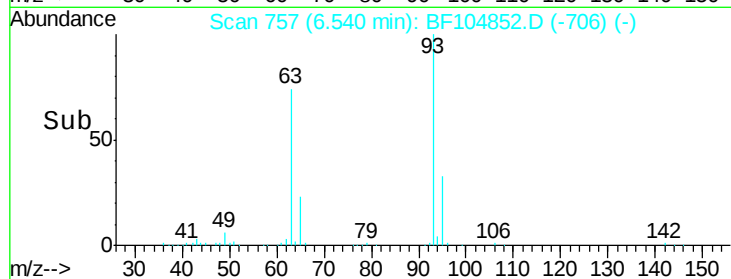
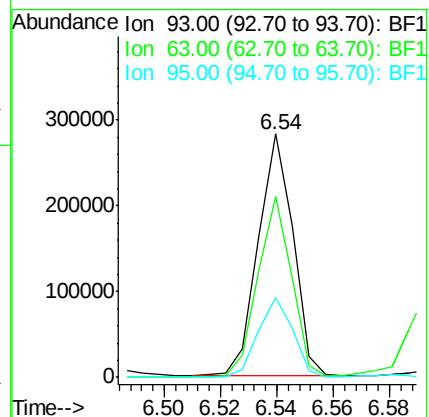
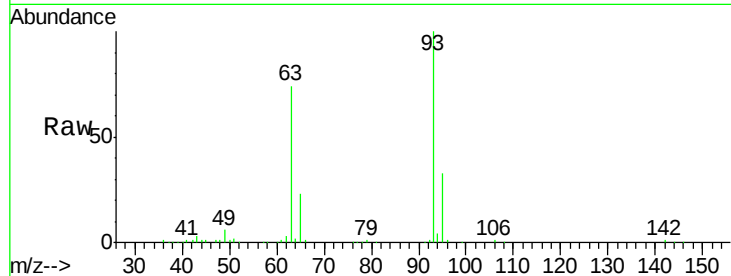
Tot Ion: 93 Resp: 241117

Ion Ratio Lower Upper

93 100

63 74.3 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.637 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

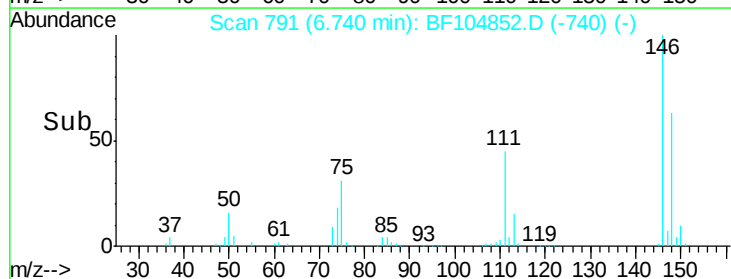
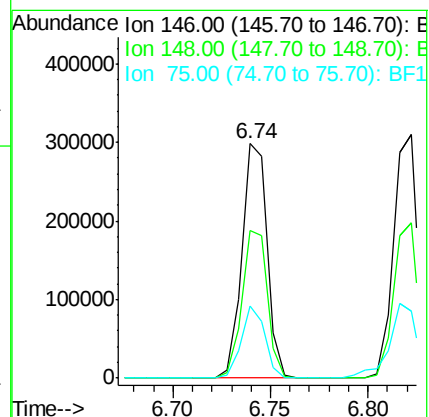
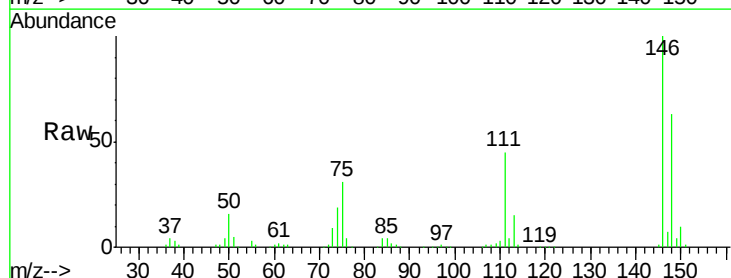
Tgt Ion: 146 Resp: 266814

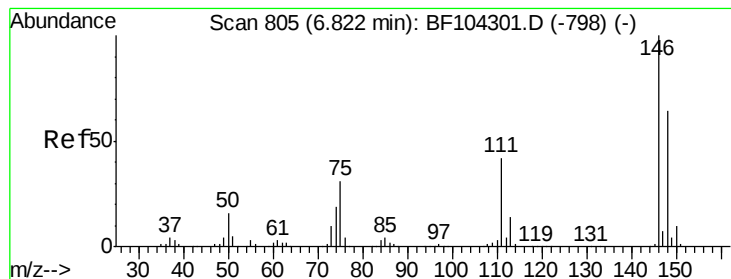
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.8

75 30.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.332 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

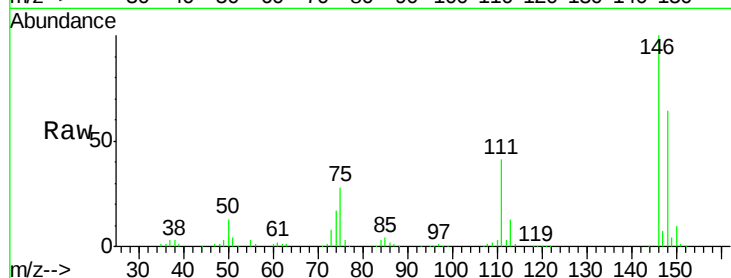
Tot Ion:146 Resp: 271463

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

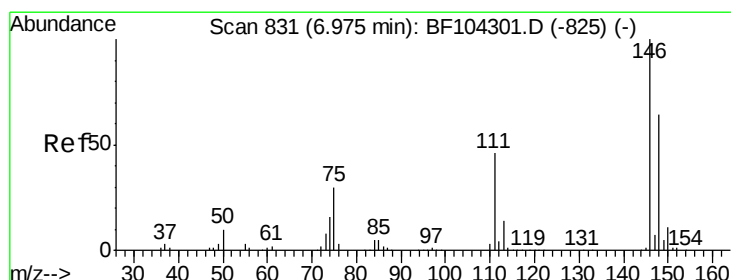
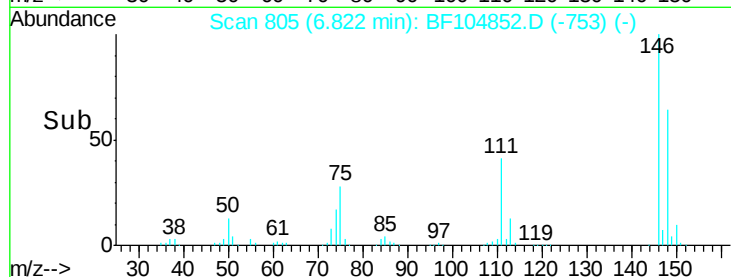
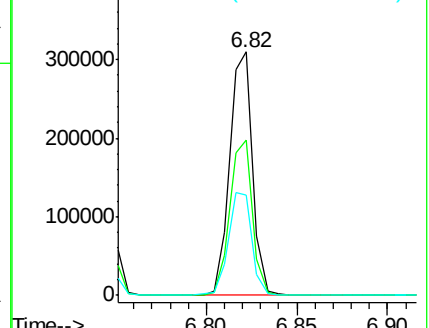
111 41.1 34.2 51.2



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: 34.227 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

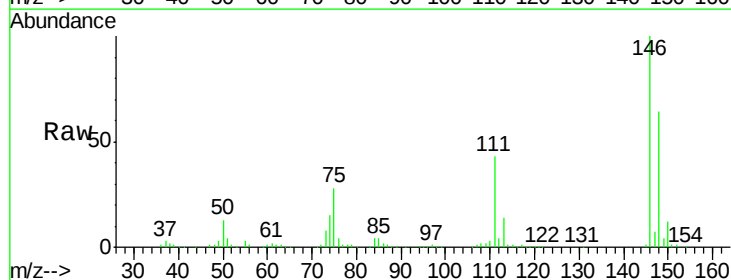
Tgt Ion:146 Resp: 250795

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

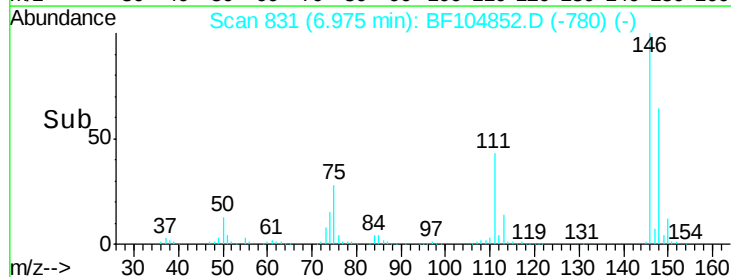
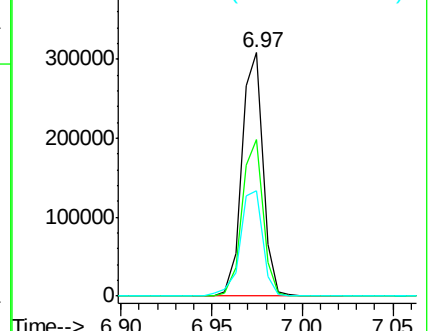
111 43.4 36.0 54.0



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

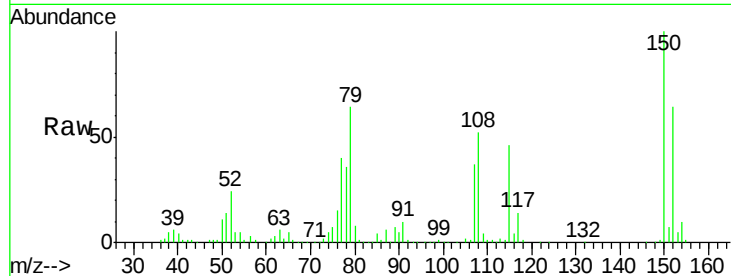




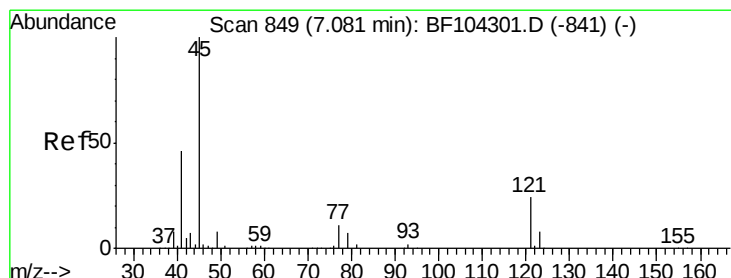
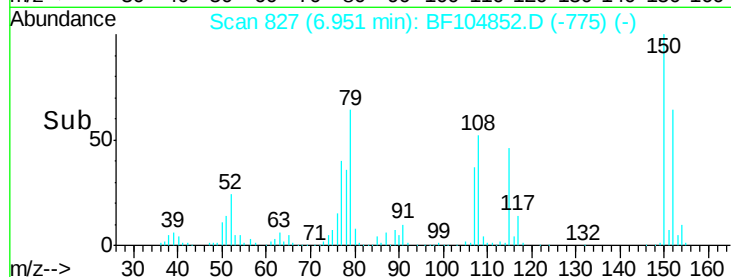
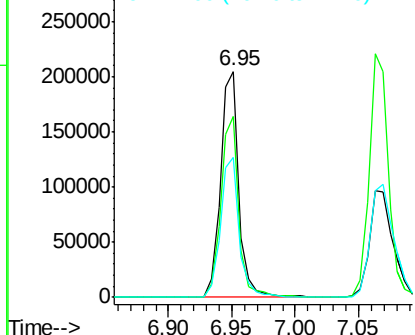
#15
Benzyl Alcohol
Concen: 33.393 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

Tot Ion: 79 Resp: 206725
Ion Ratio Lower Upper
79 100
108 80.2 65.1 97.7
77 62.1 50.6 75.8

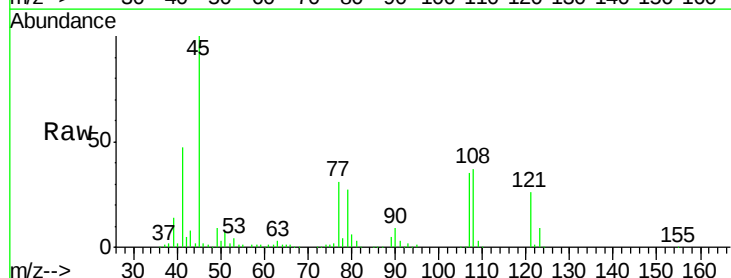


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

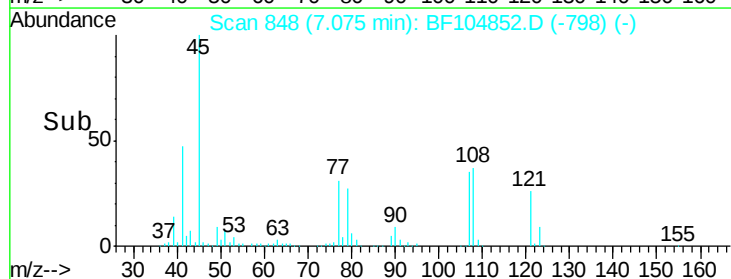
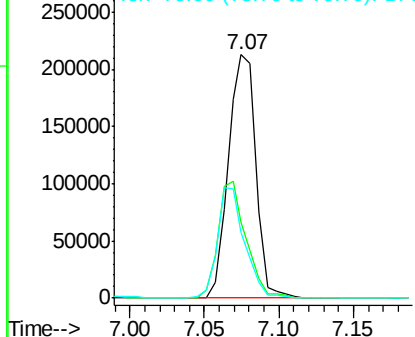


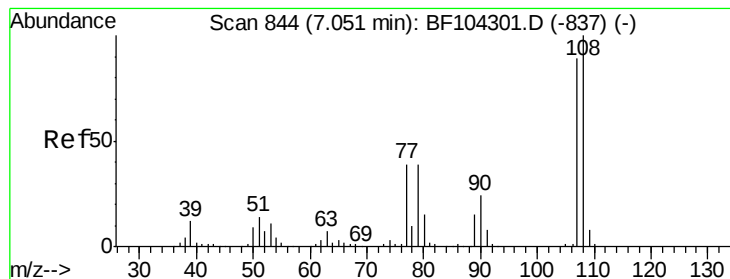
#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.672 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion: 45 Resp: 275004
Ion Ratio Lower Upper
45 100
77 31.4 0.0 32.9
79 26.8 0.0 29.6



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

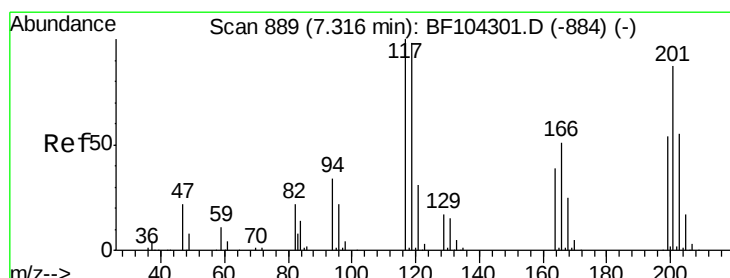
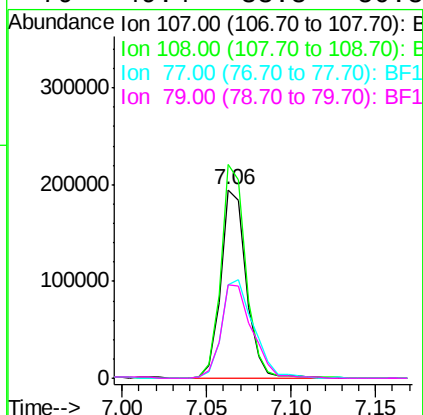
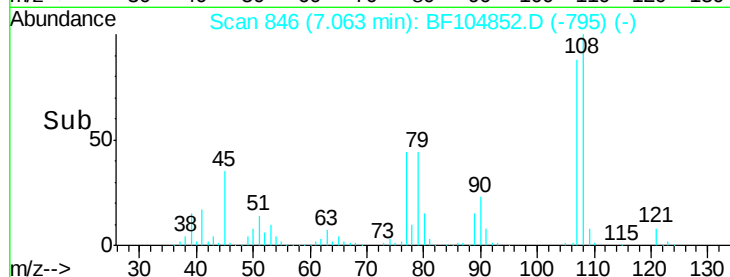
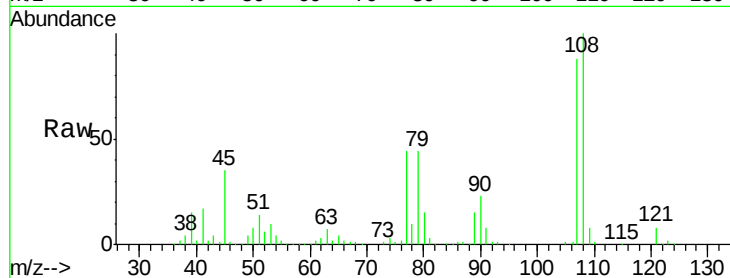




#17
2-Methylphenol
Concen: 33.901 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

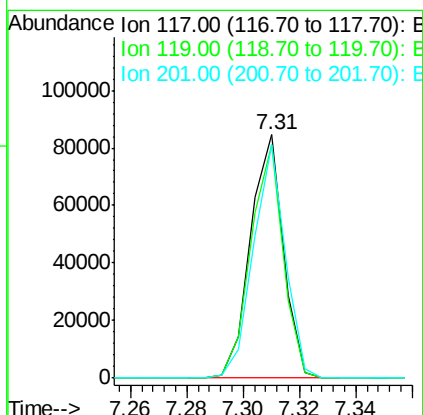
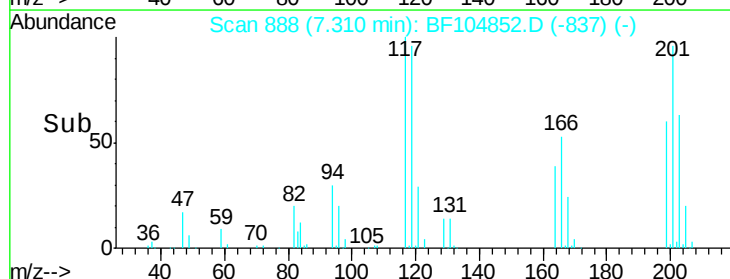
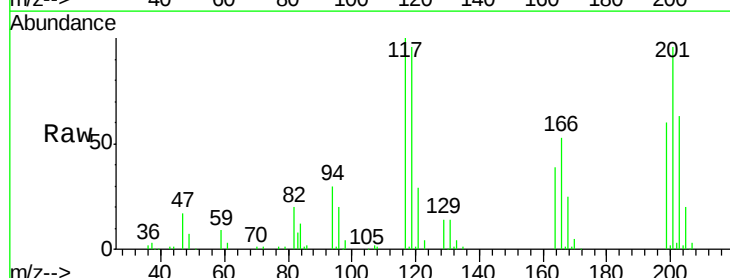
Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

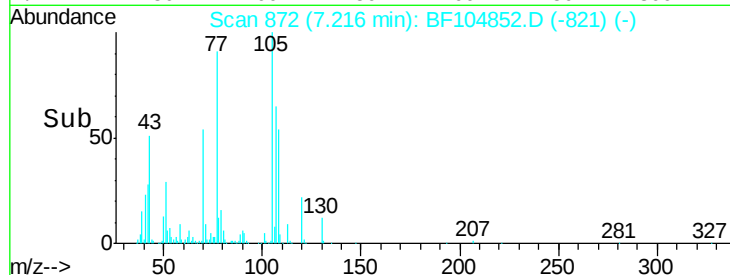
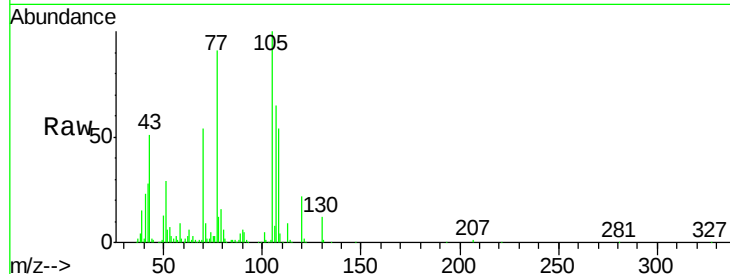
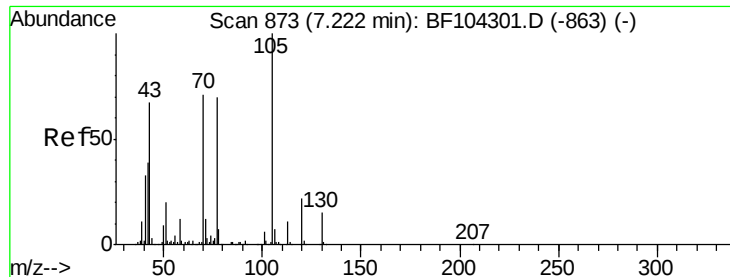
Tot Ion:	107	Resp:	206332
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.7	137.5
77	49.9	33.8	50.8
79	49.4	33.8	50.8



#18
Hexachloroethane
Concen: 24.272 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:	117	Resp:	68428
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	96.0	75.7	113.5

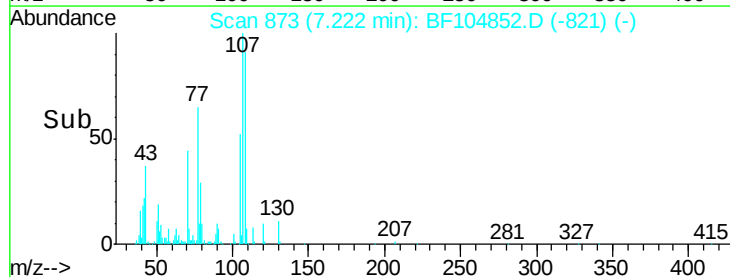
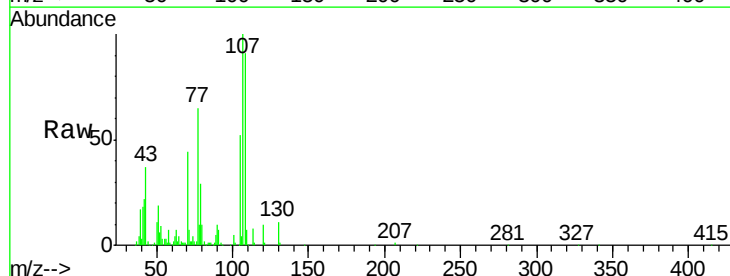
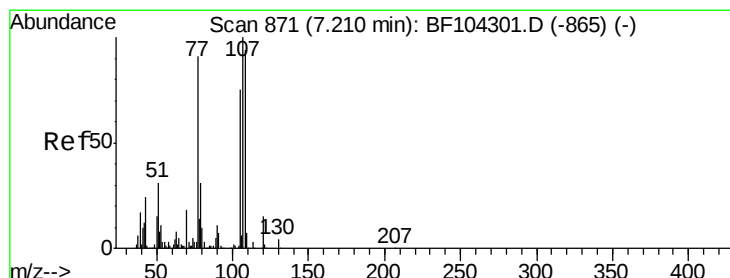
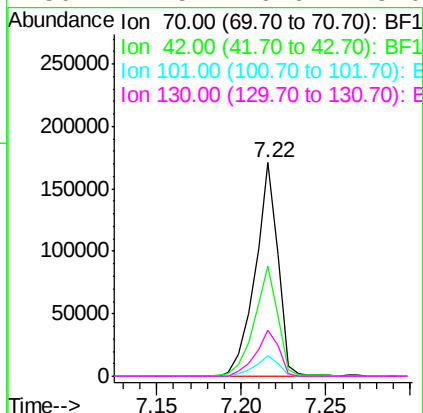




#19
n-Nitroso-di-n-propylamine
Concen: 30.151 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

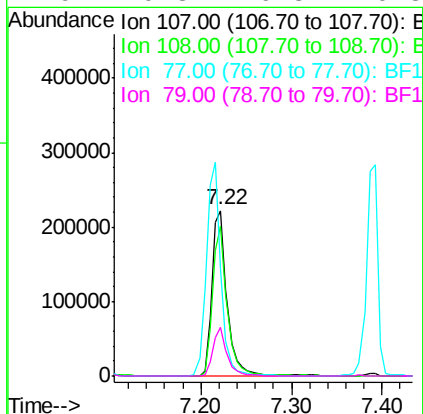
Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

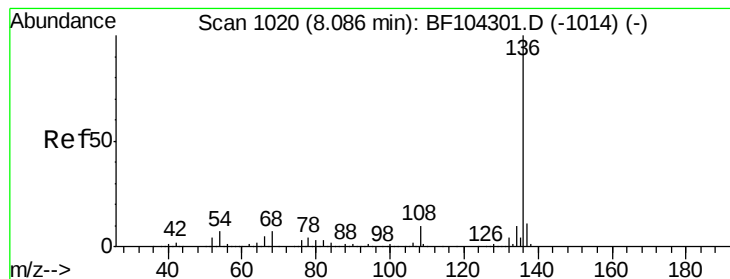
Tot Ion:	70	Resp:	160588
Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	9.5	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.984 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:	107	Resp:	256528
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	64.8	26.7	66.7
79	29.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

Tot Ion:136 Resp: 381269

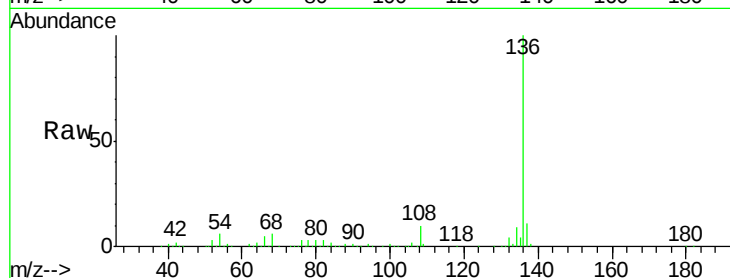
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.1 6.6 9.8#

68 5.8 5.0 7.4

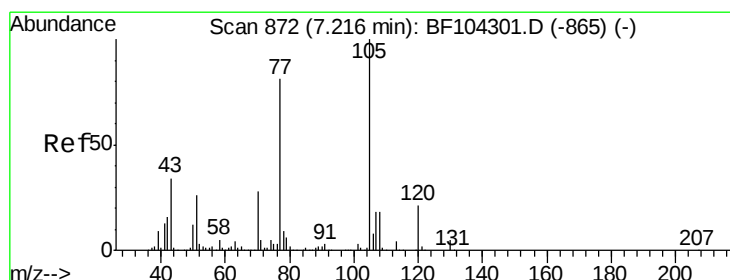
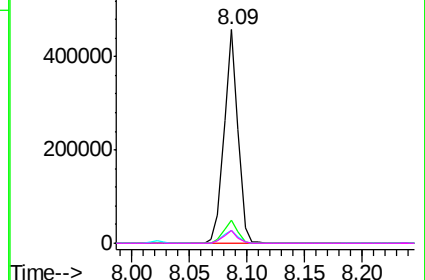
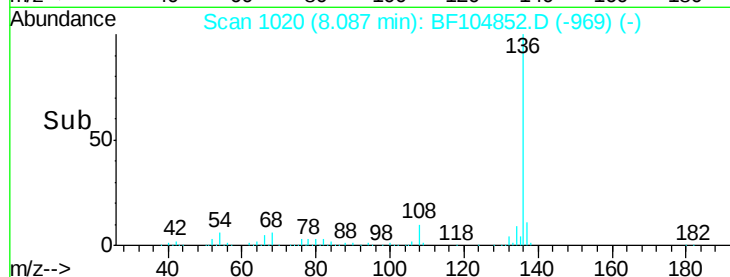


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.093 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Tgt Ion:105 Resp: 338789

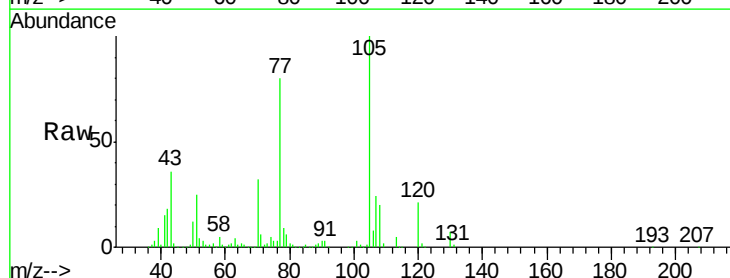
Ion Ratio Lower Upper

105 100

71 5.6 4.4 6.6

51 25.2 22.3 33.5

120 20.8 16.9 25.3

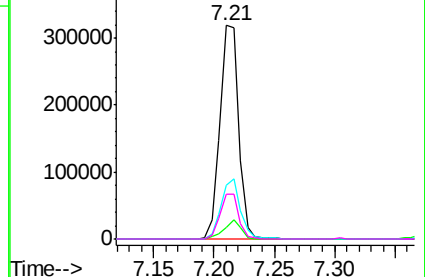
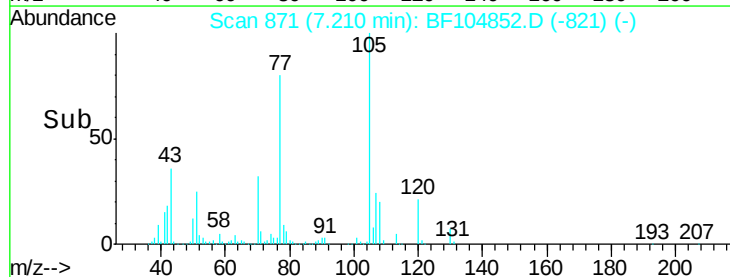


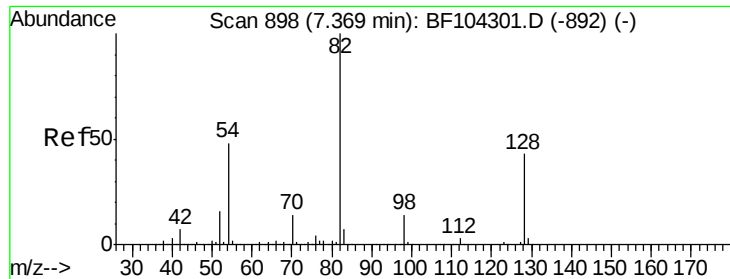
Abundance Ion 105.00 (104.70 to 105.70): E

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

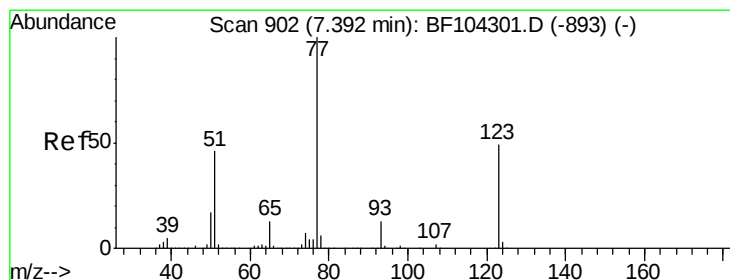
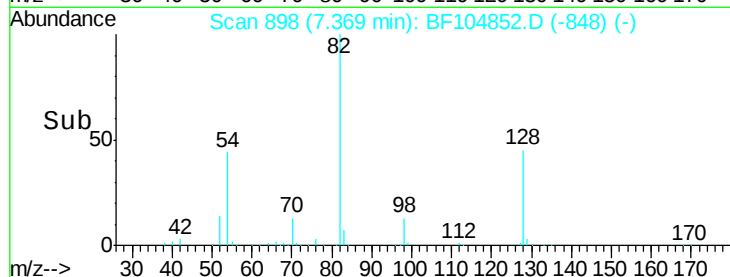
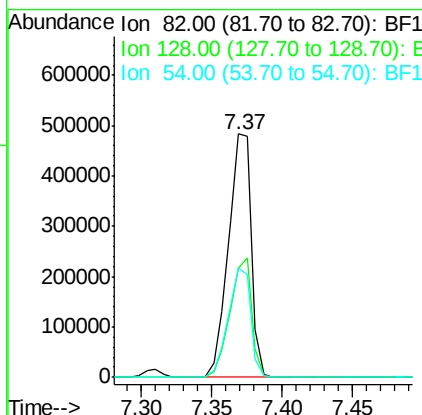
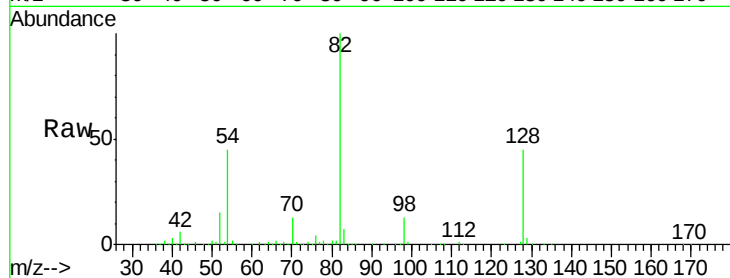




#23
 Nitrobenzene-d5
 Concen: 93.452 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

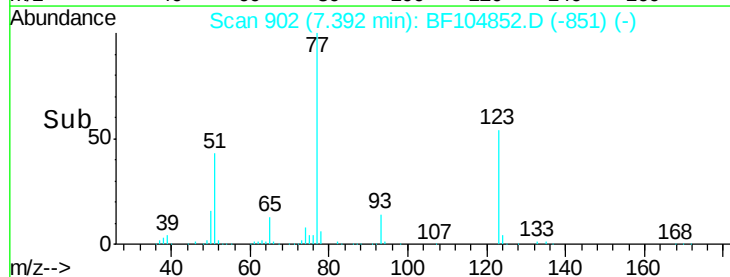
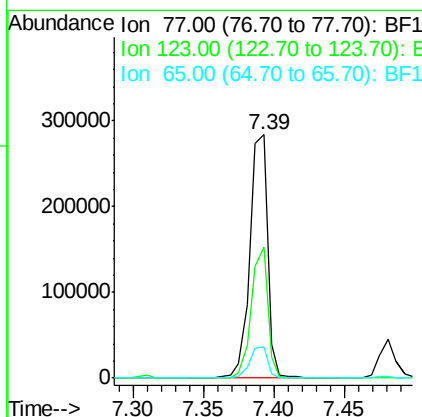
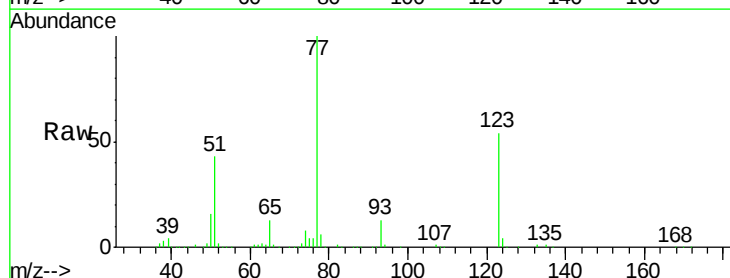
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

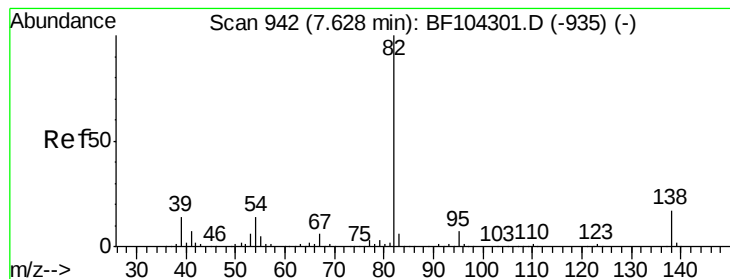
Tot Ion	82	Resp	545658
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.1	54.1
54	44.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.875 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion	77	Resp	250607
Ion Ratio	Lower	Upper	
77	100		
123	53.9	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 35.394 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

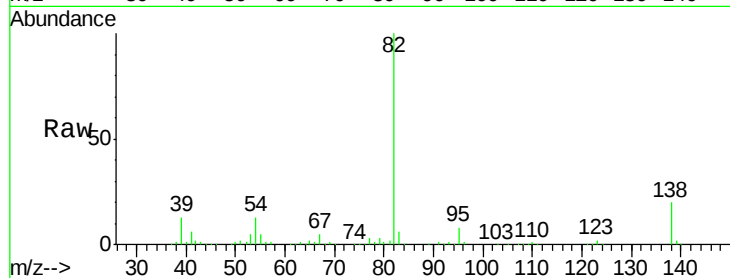
Tot Ion: 82 Resp: 437010

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

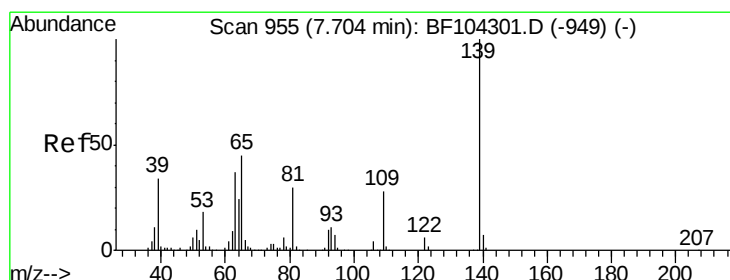
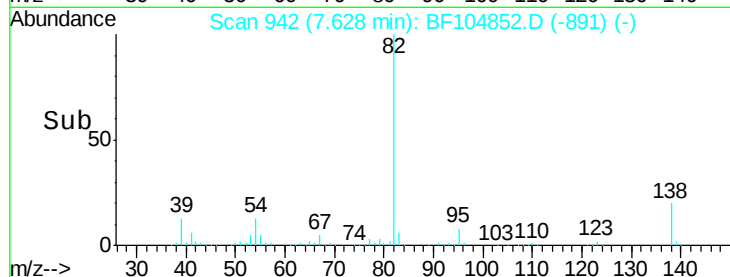
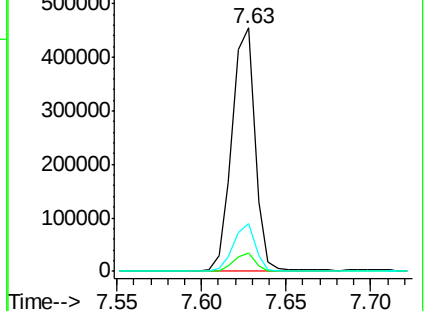
138 19.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.132 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

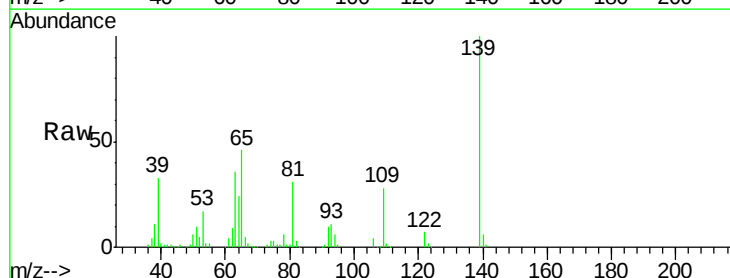
Tgt Ion: 139 Resp: 126317

Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

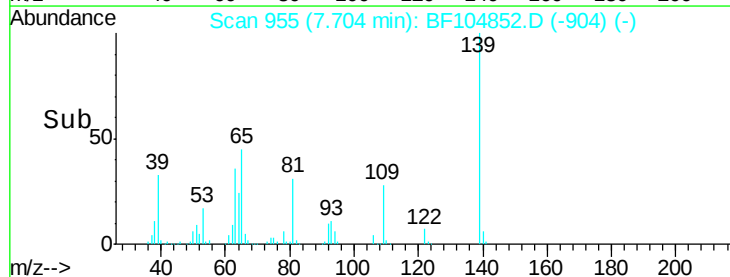
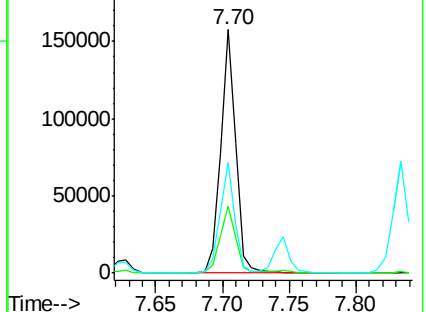
65 45.6 40.5 60.7

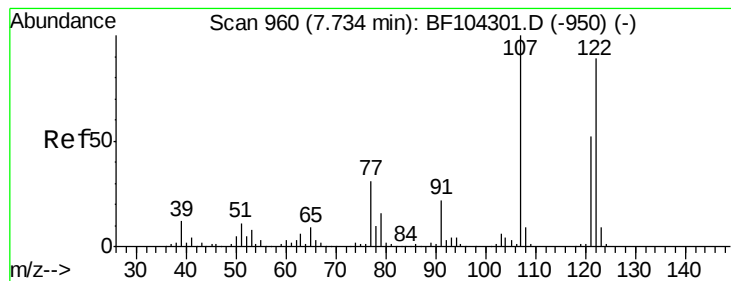


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.050 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

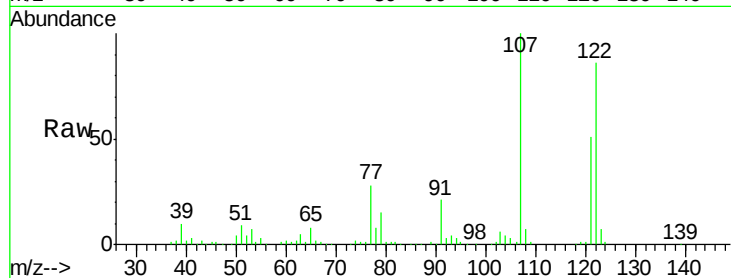
Tot Ion:122 Resp: 212793

Ion Ratio Lower Upper

122 100

107 115.8 91.2 136.8

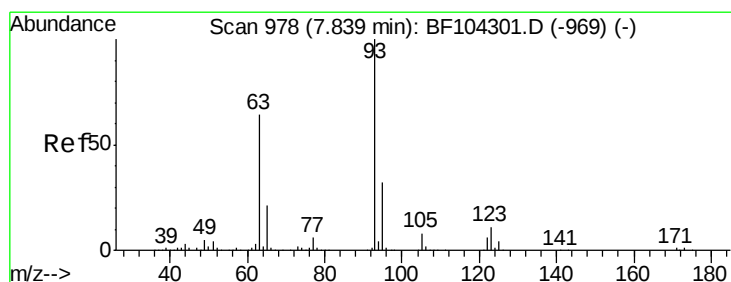
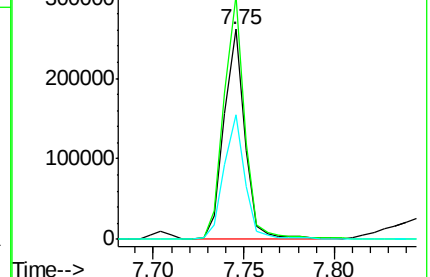
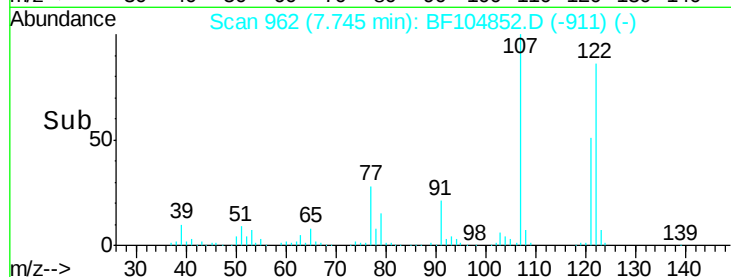
121 59.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.517 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

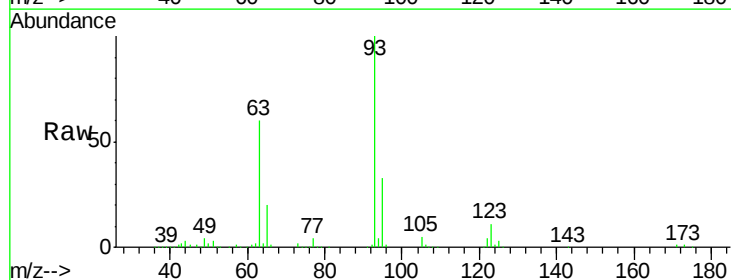
Tgt Ion: 93 Resp: 290773

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

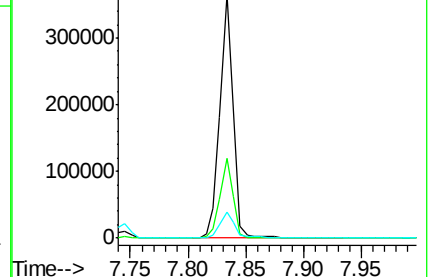
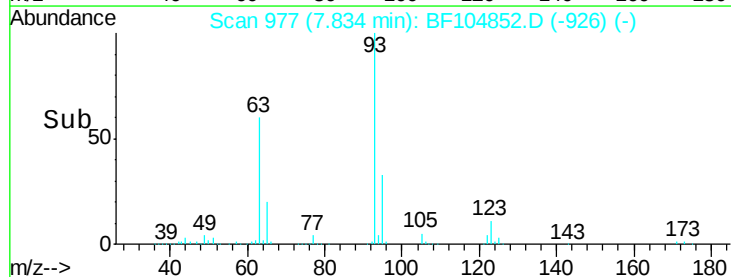
123 10.8 9.8 14.6

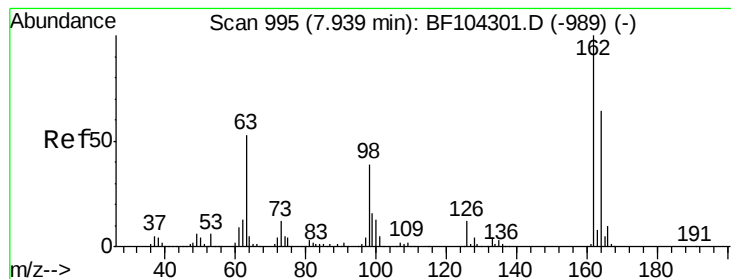


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.507 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

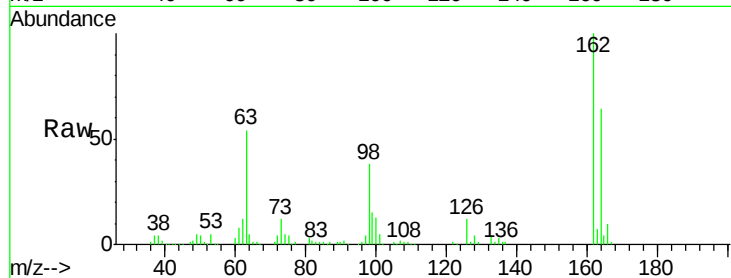
Tot Ion:162 Resp: 195012

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

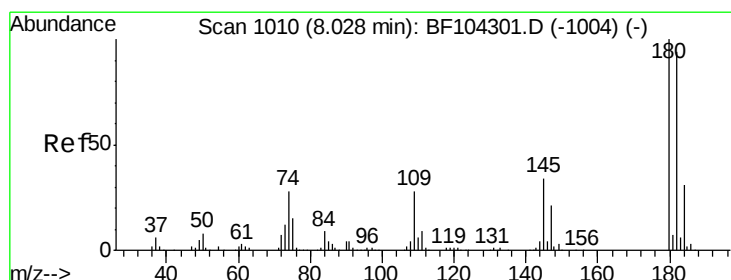
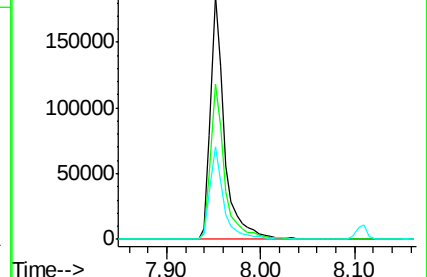
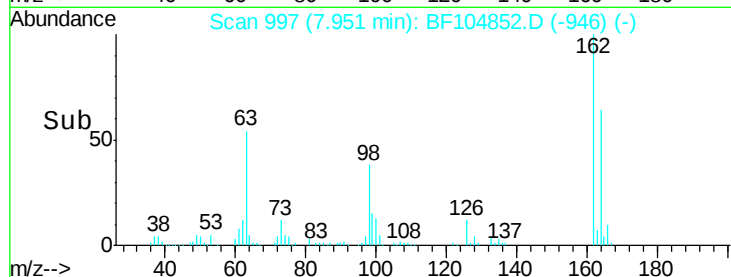
98 38.2 18.1 58.1



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: 34.458 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

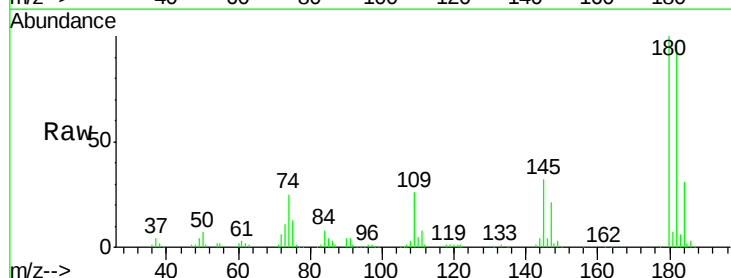
Tgt Ion:180 Resp: 196618

Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

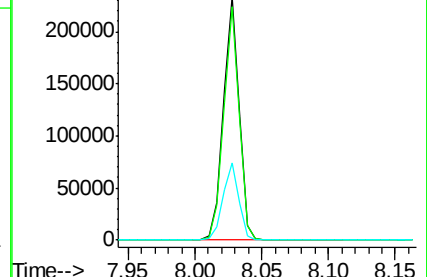
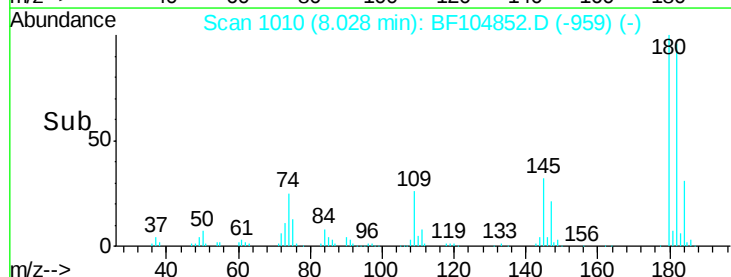
145 31.7 26.5 39.7

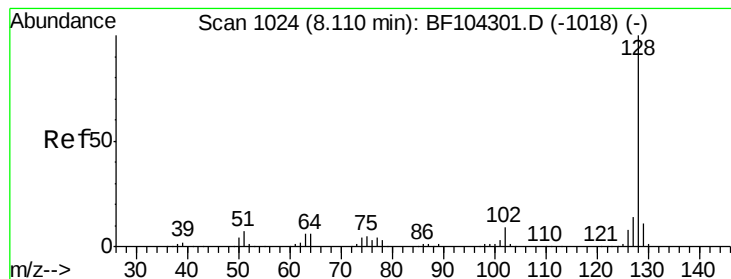


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.433 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

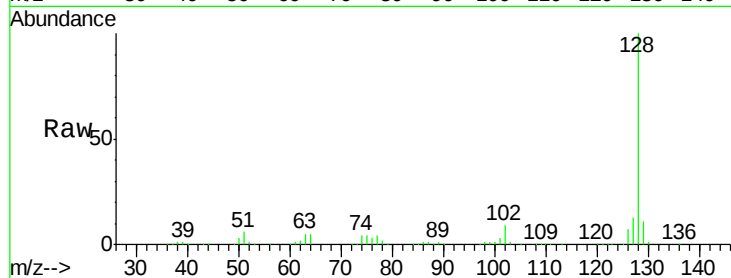
Tot Ion:128 Resp: 653711

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

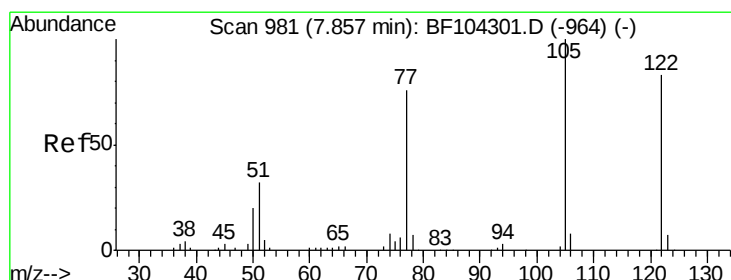
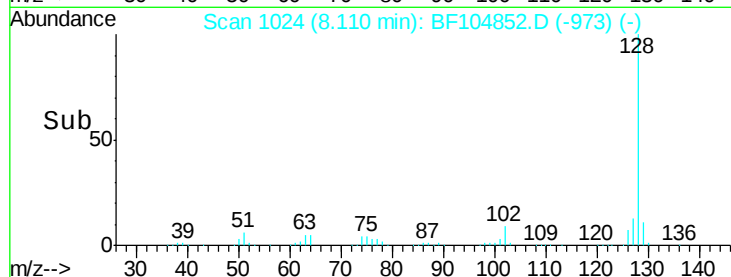
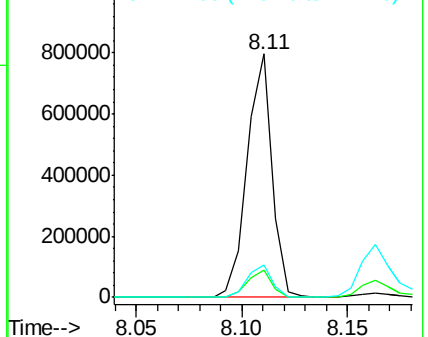
127 13.3 10.9 16.3



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: 19.623 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

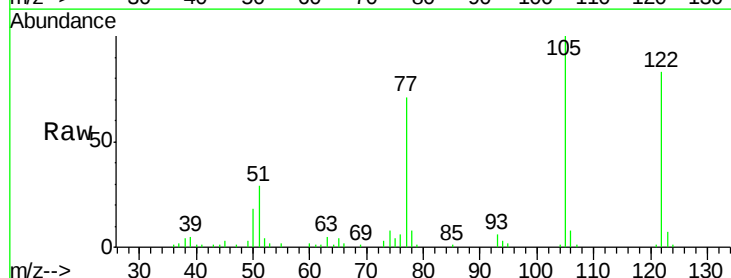
Tgt Ion:122 Resp: 85320

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

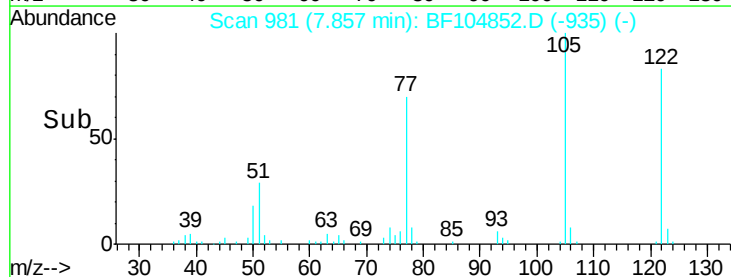
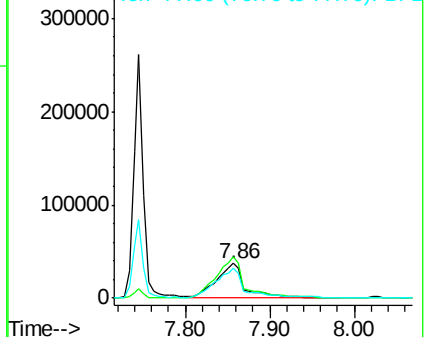
77 85.4 70.7 110.7

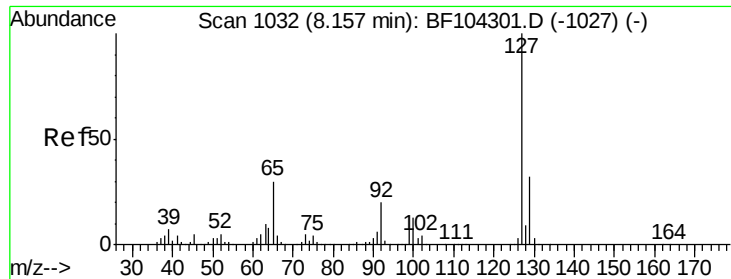


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

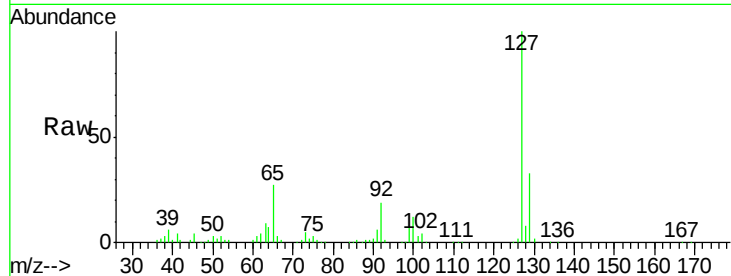




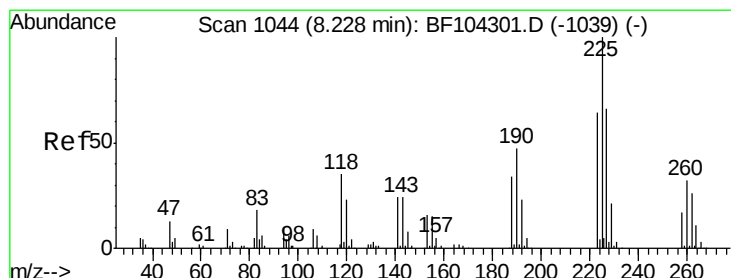
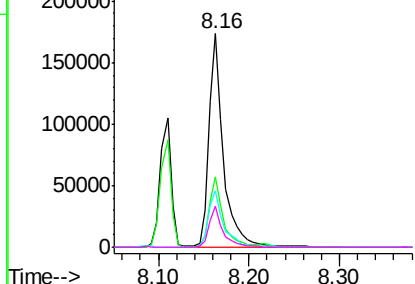
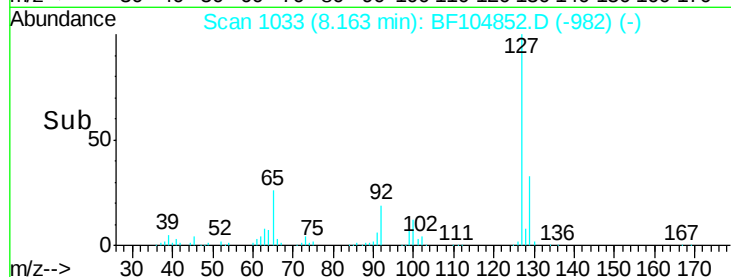
#33
4-Chloroaniline
Concen: 24.150 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

Tot Ion:	127	Resp:	196425
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	26.6	25.0	37.4
92	18.9	15.2	22.8

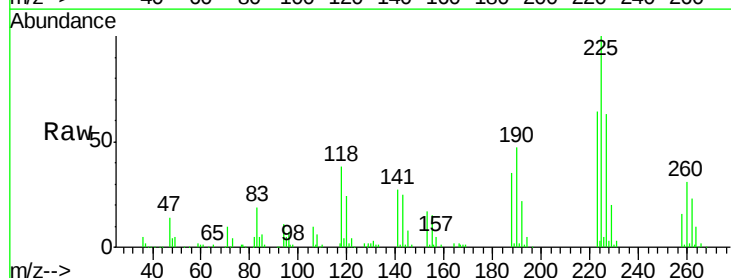


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

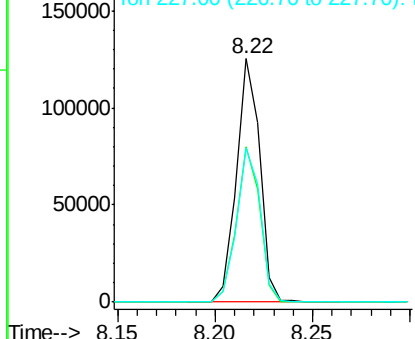
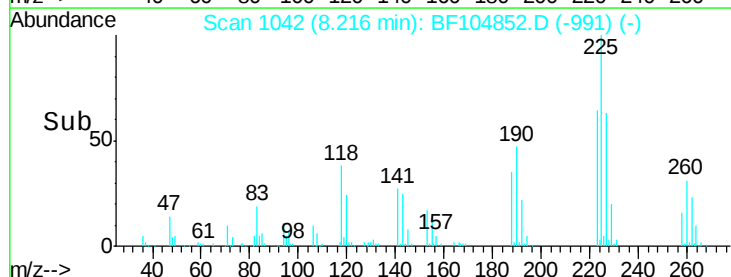


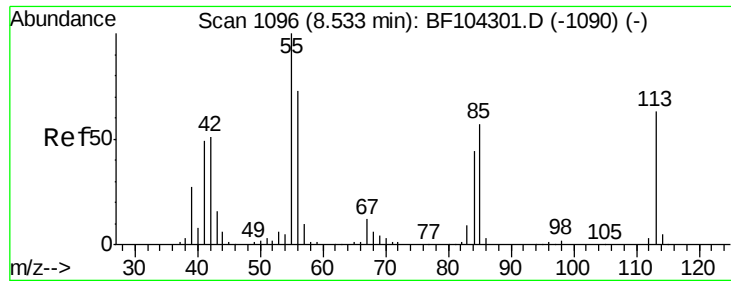
#34
Hexachlorobutadiene
Concen: 33.346 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:	225	Resp:	104222
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.3	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

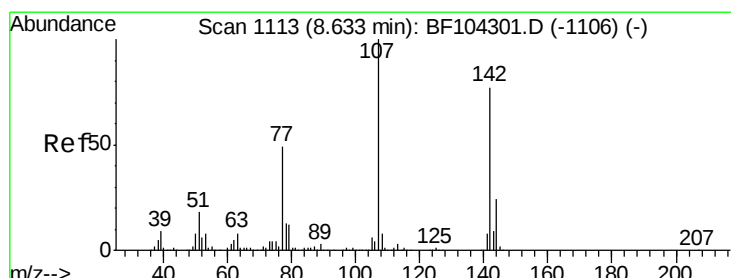
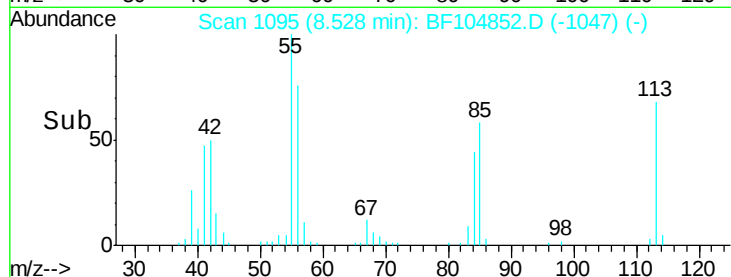
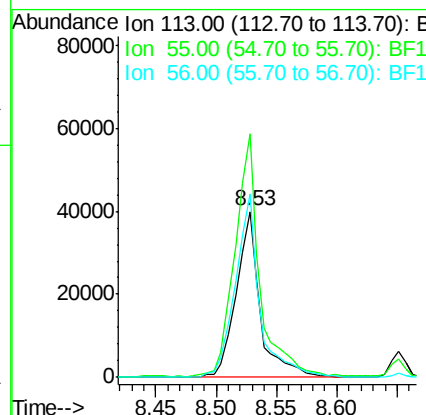
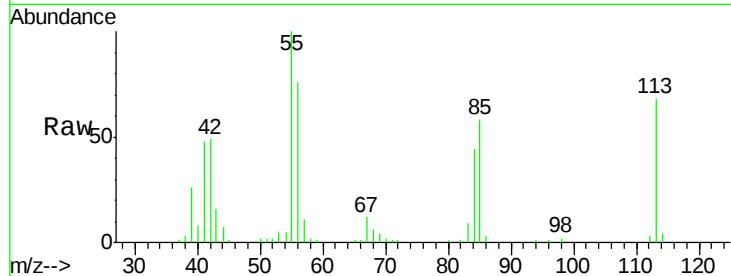




#35
 Caprolactam
 Concen: 30.594 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

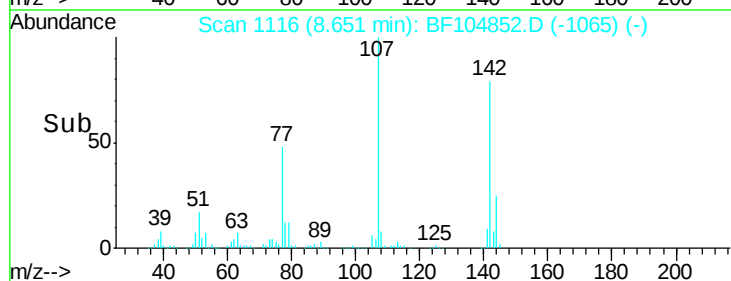
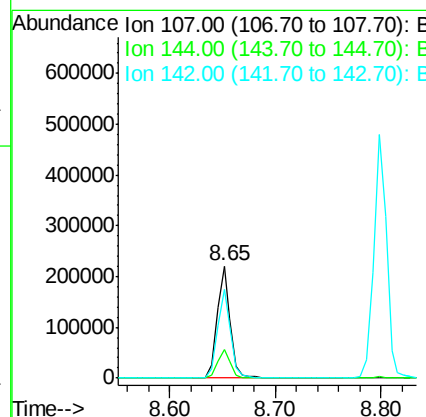
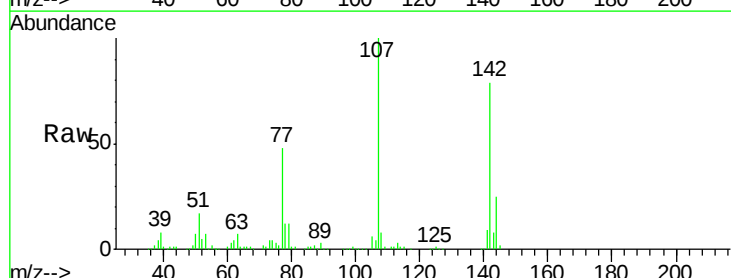
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

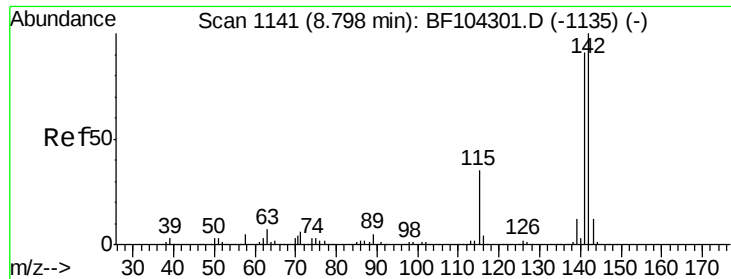
Tot Ion:113 Resp: 55492
 Ion Ratio Lower Upper
 113 100
 55 147.0 163.3 203.3#
 56 111.1 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 34.674 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:107 Resp: 193309
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 78.6 62.0 93.0

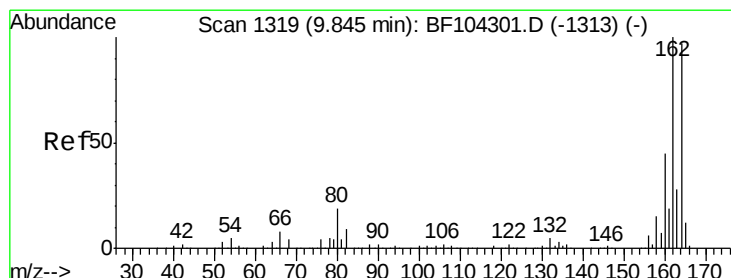
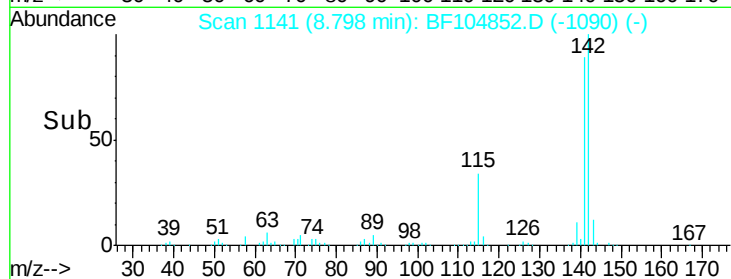
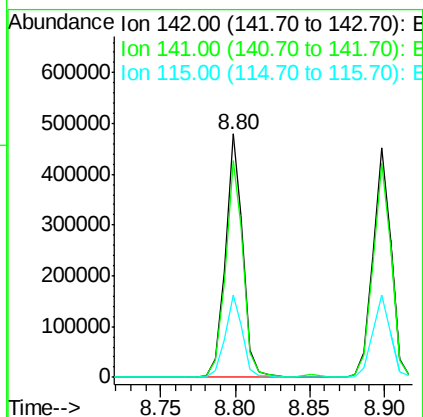
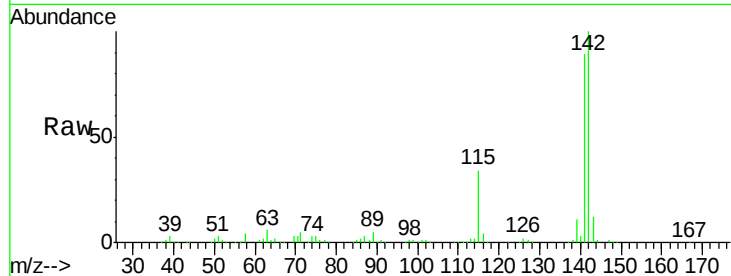




#37
 2-Methylnaphthalene
 Concen: 32.446 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

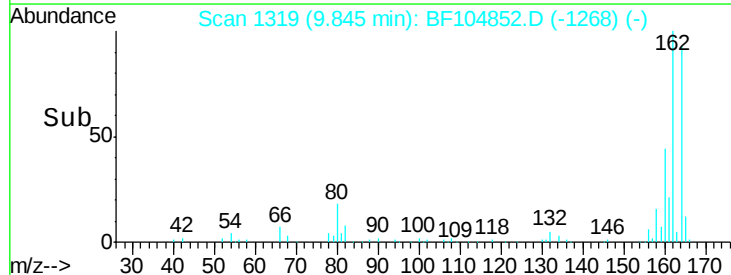
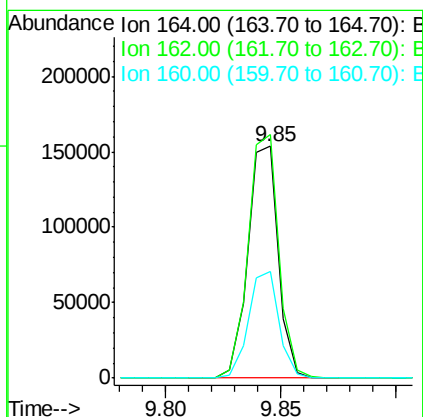
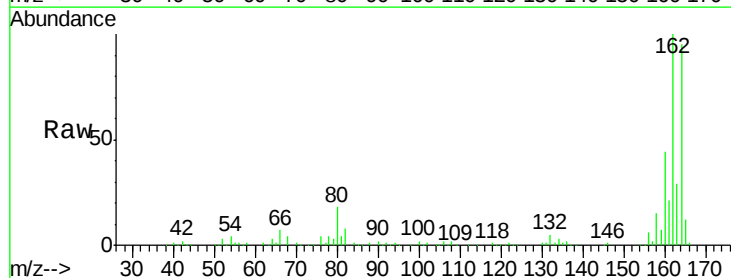
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

Tot Ion:142 Resp: 398459
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:164 Resp: 141861
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 46.2 38.3 57.5

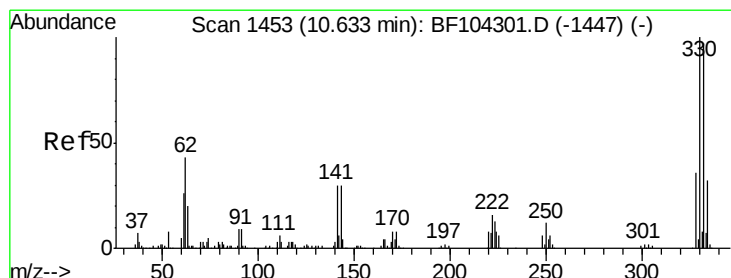
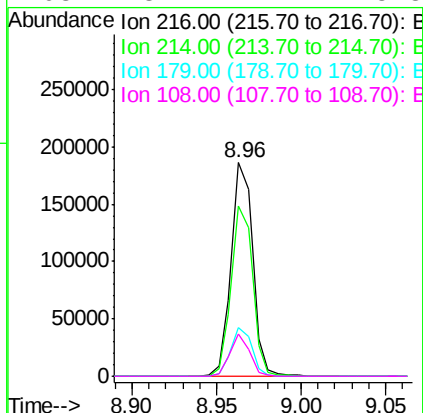
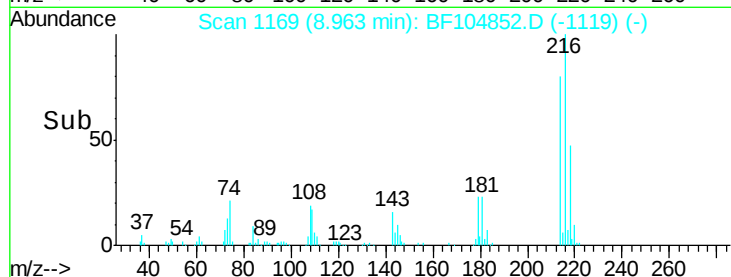
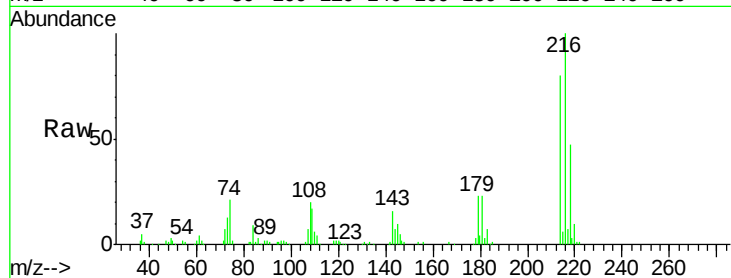




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.595 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

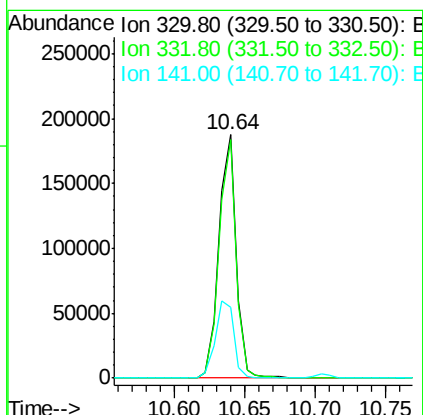
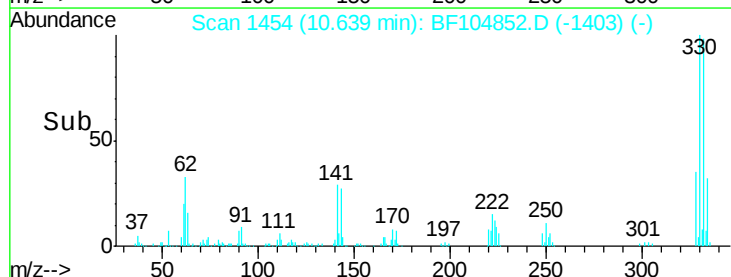
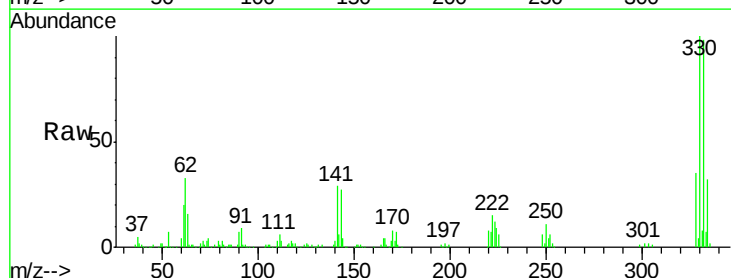
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

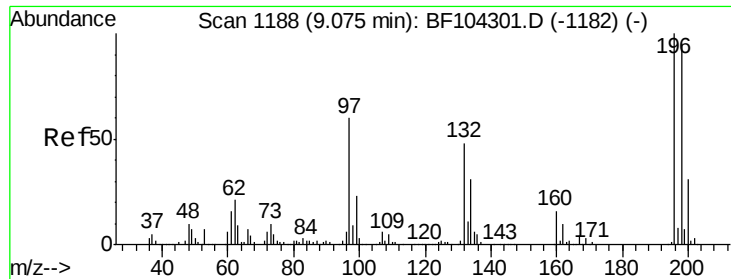
Tot Ion:216	Resp:	164851
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.0 94.4
179	22.4	18.1 27.1
108	18.1	17.2 25.8



#41
 2,4,6-Tribromophenol
 Concen: 108.899 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:330	Resp:	160252
Ion Ratio	Lower	Upper
330	100	
332	96.7	77.0 115.6
141	33.9	29.9 44.9

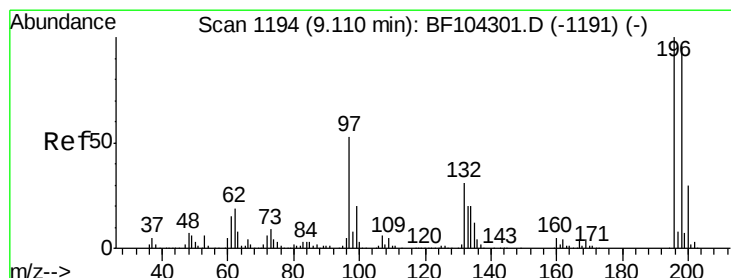
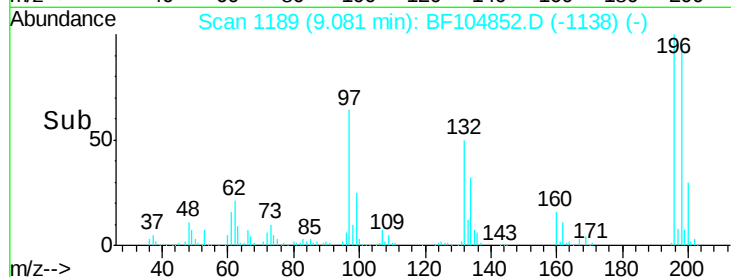
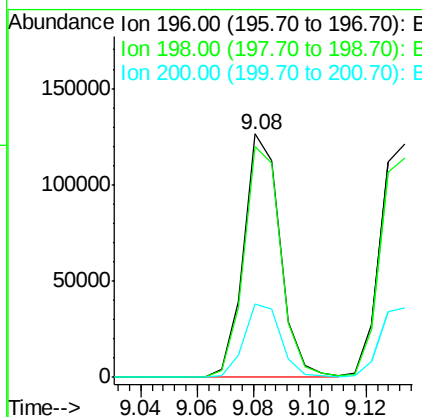
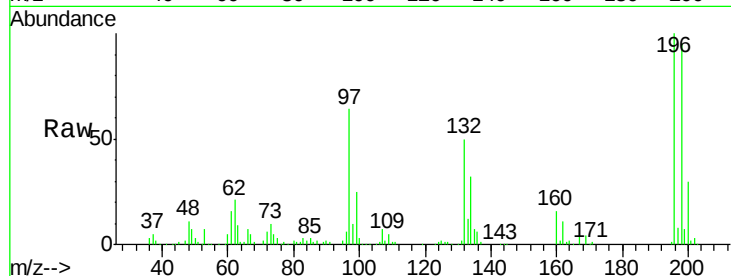




#42
 2,4,6-Trichlorophenol
 Concen: 40.134 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

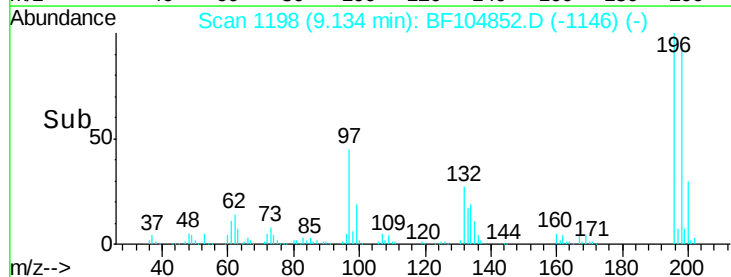
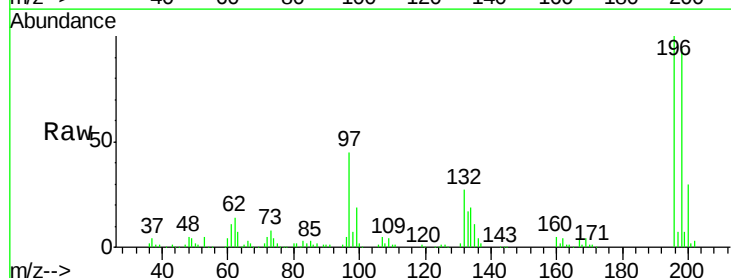
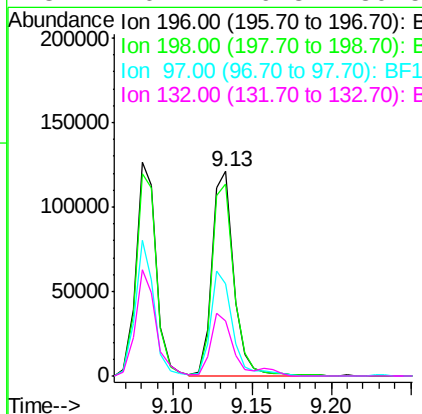
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

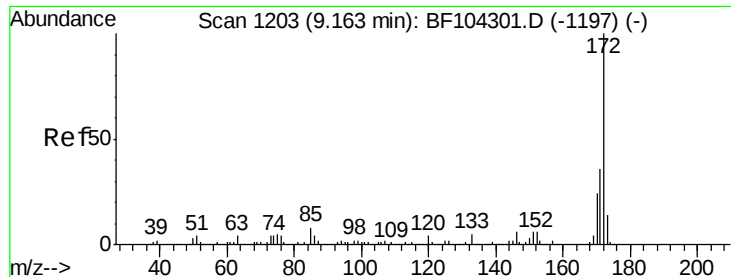
Tot Ion:196 Resp: 113138
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.1 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 37.027 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:196 Resp: 116805
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 44.8 42.9 64.3
 132 26.7 26.3 39.5

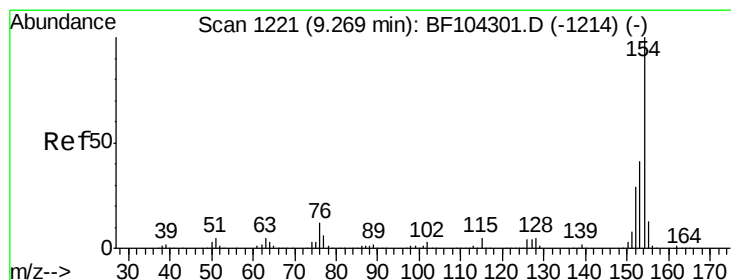
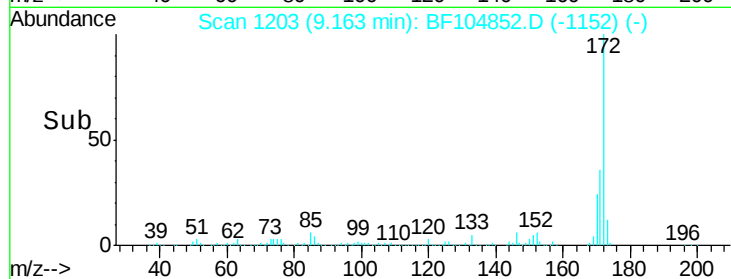
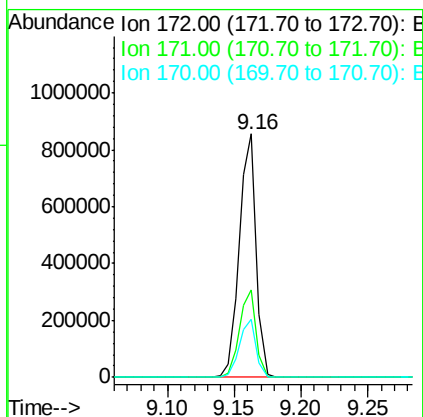
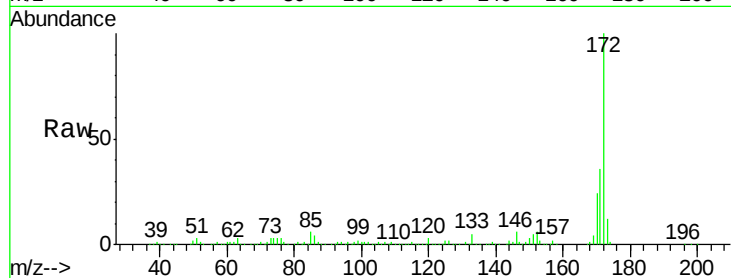




#44
2-Fluorobiphenyl
Concen: 84.013 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

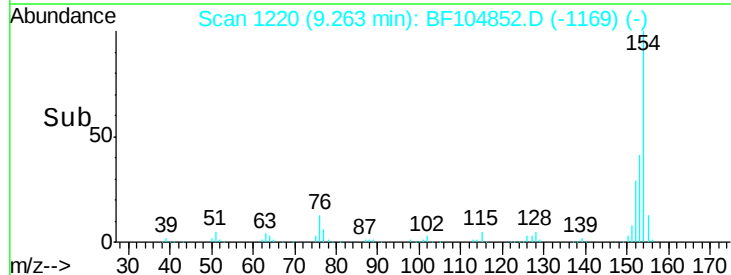
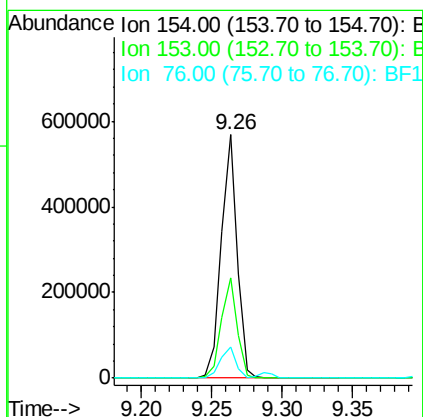
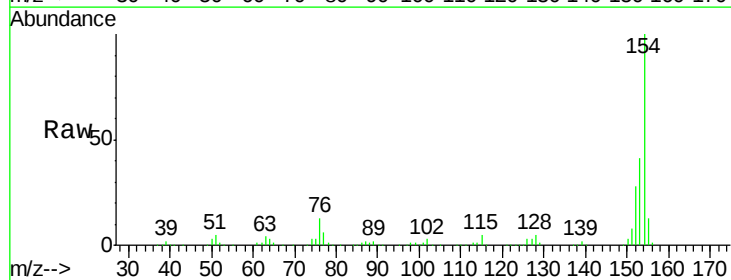
Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

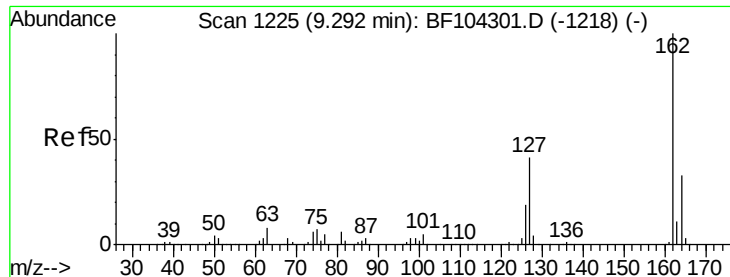
Tot Ion:172 Resp: 754436
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.9 19.6 29.4



#45
1,1'-Biphenyl
Concen: 37.307 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:154 Resp: 444599
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 12.8 0.0 34.0

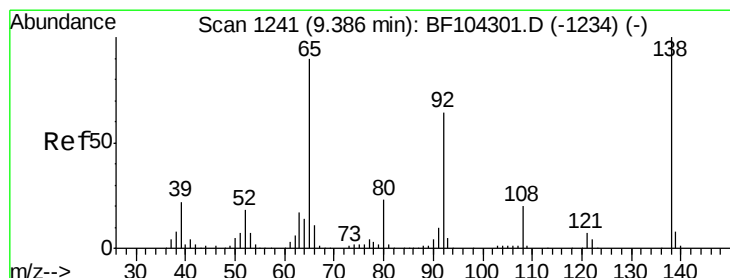
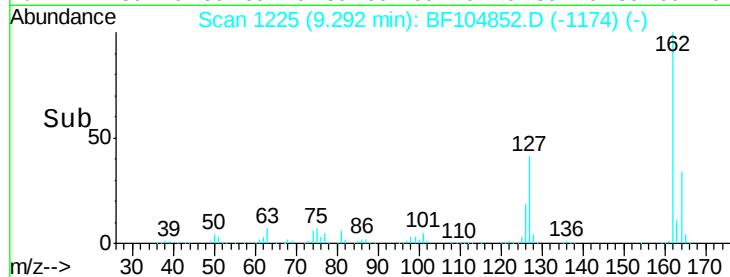
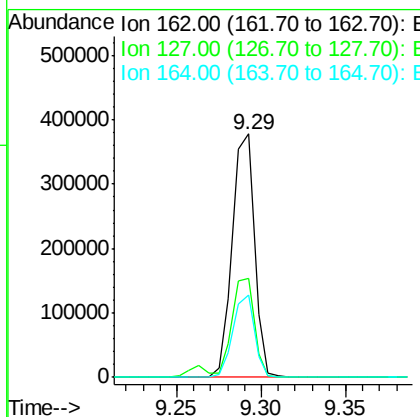
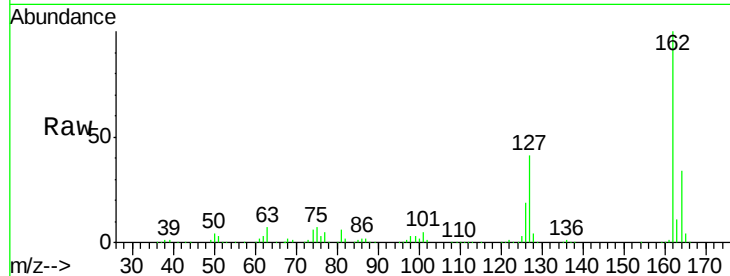




#46
 2-Chloronaphthalene
 Concen: 36.725 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

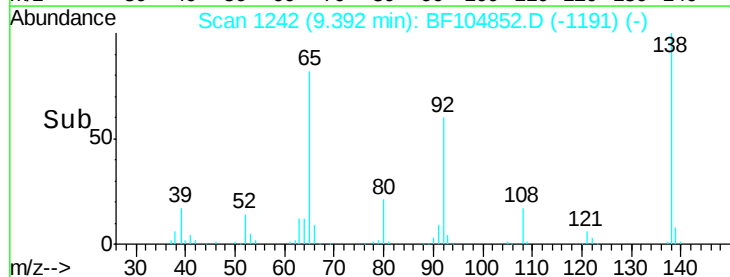
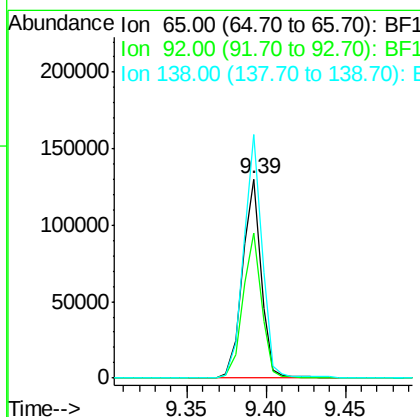
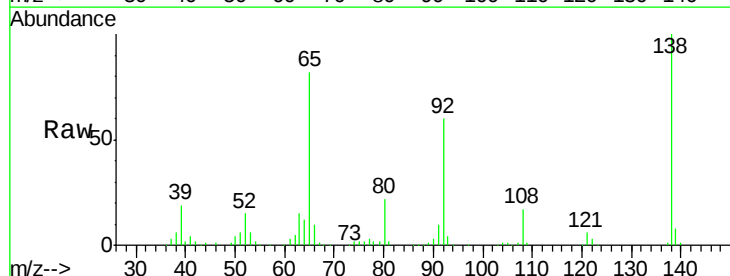
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

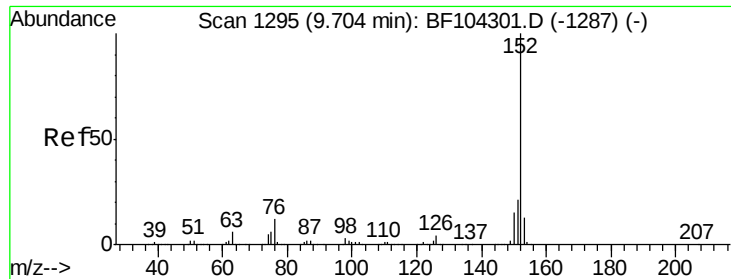
Tot Ion:162 Resp: 345694
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 33.7 26.5 39.7



#47
 2-Nitroaniline
 Concen: 45.929 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion: 65 Resp: 106917
 Ion Ratio Lower Upper
 65 100
 92 73.1 55.8 83.6
 138 122.3 91.2 136.8





#48

Acenaphthylene

Concen: 33.839 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

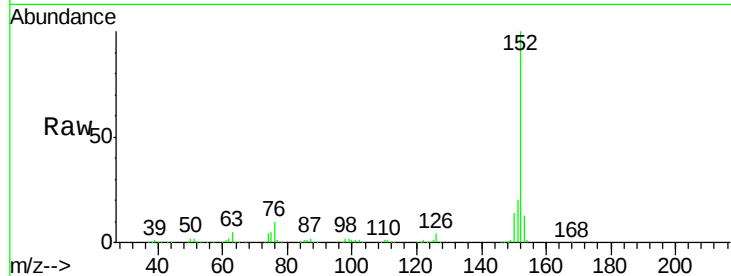
Tot Ion:152 Resp: 499769

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

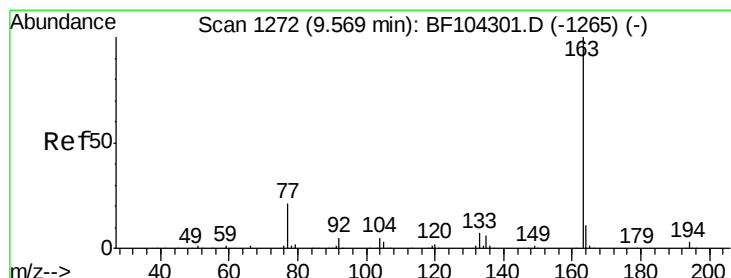
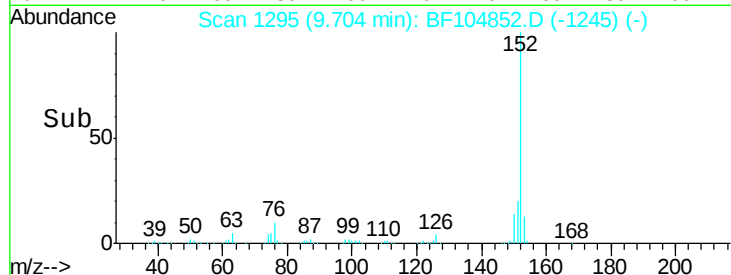
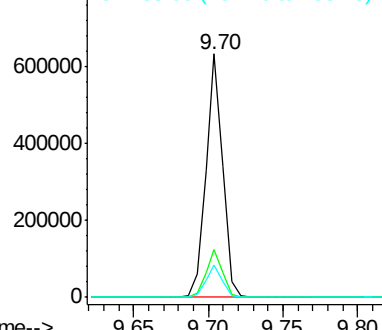
153 13.1 10.7 16.1



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: 44.823 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

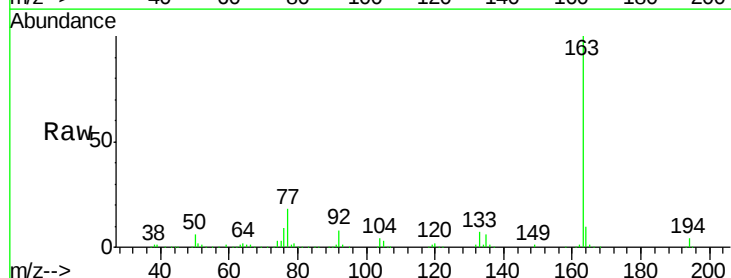
Tgt Ion:163 Resp: 501432

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

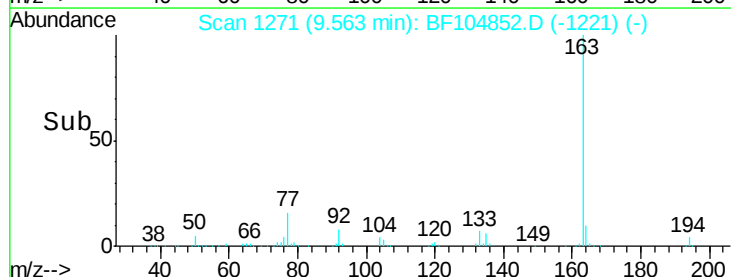
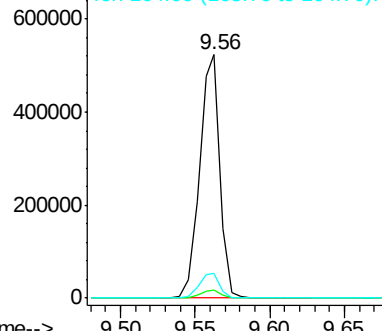
164 10.1 8.2 12.2

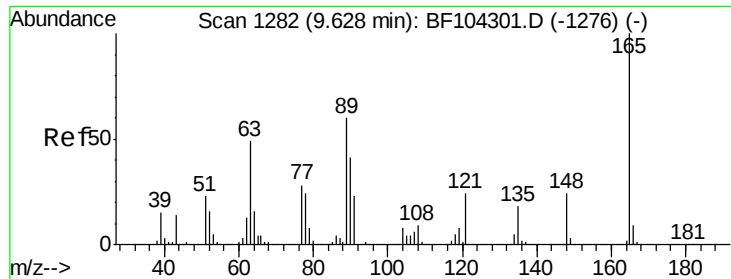


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

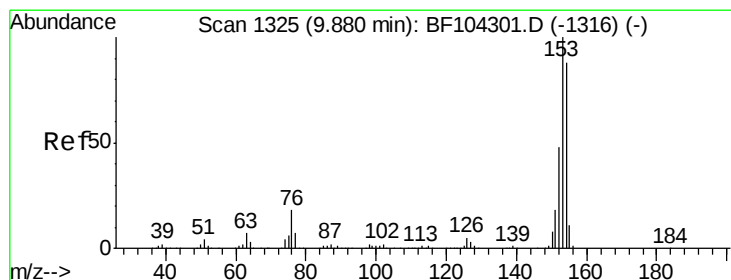
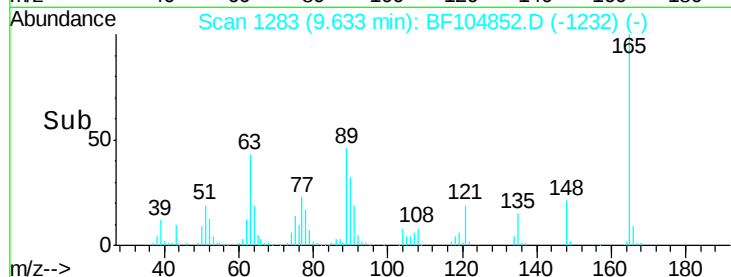
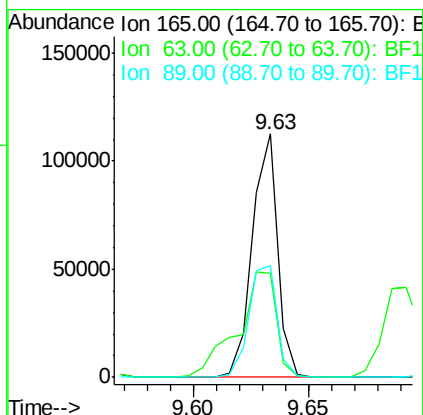
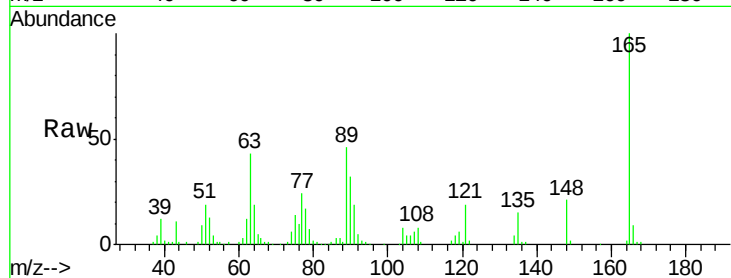




#50
 2,6-Dinitrotoluene
 Concen: 41.774 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

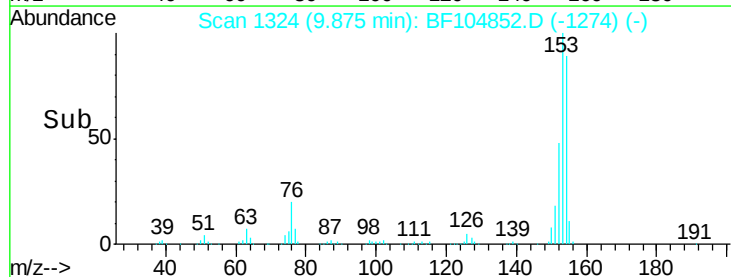
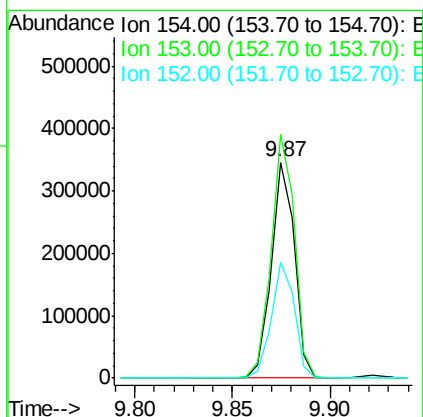
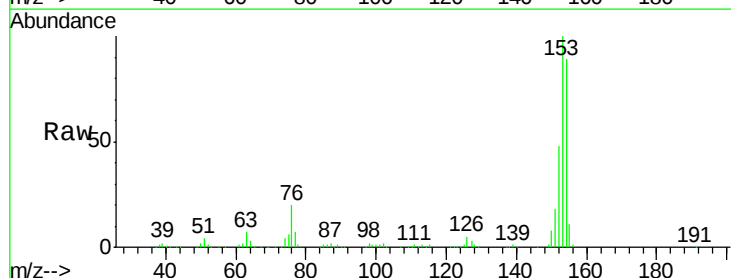
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

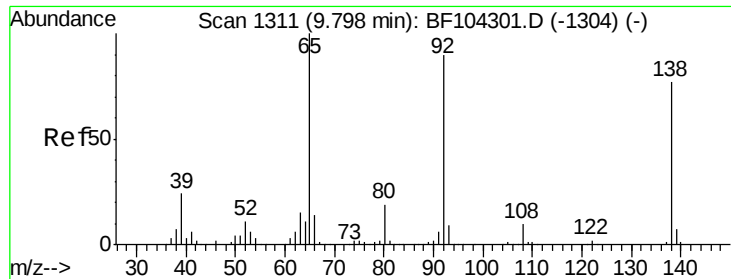
Tot Ion:165 Resp: 86472
 Ion Ratio Lower Upper
 165 100
 63 43.0 44.7 67.1#
 89 46.0 44.0 66.0



#51
 Acenaphthene
 Concen: 31.579 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:154 Resp: 284559
 Ion Ratio Lower Upper
 154 100
 153 112.7 91.2 136.8
 152 53.7 43.8 65.8

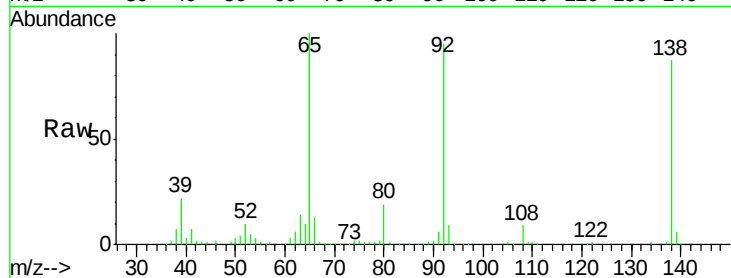




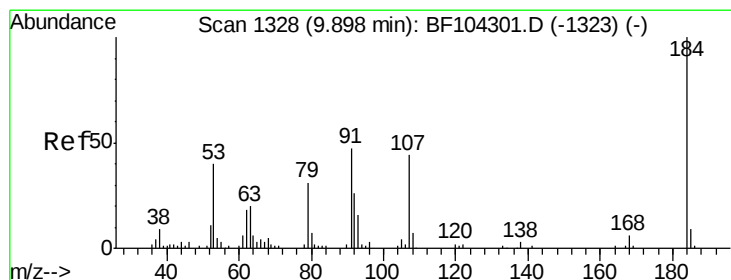
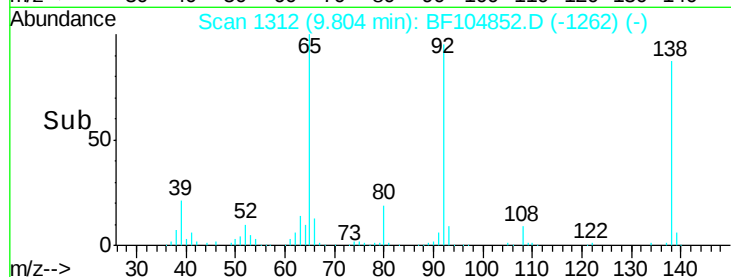
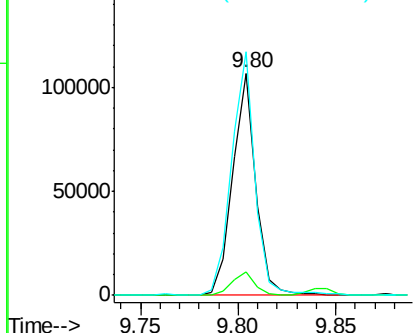
#52
3-Nitroaniline
Concen: 36.197 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

Tot Ion:138 Resp: 87718
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 109.5 89.4 134.2

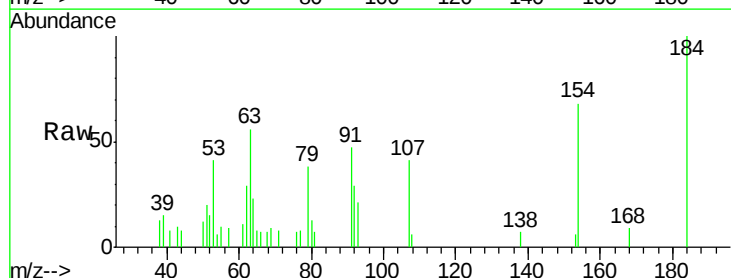


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

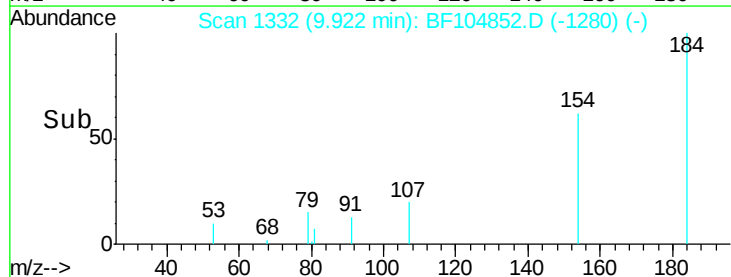
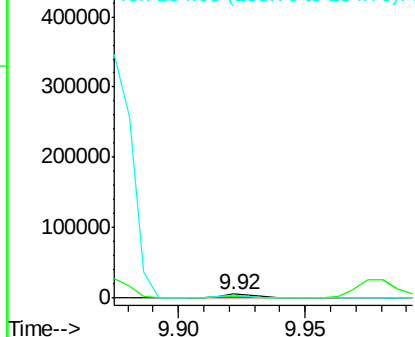


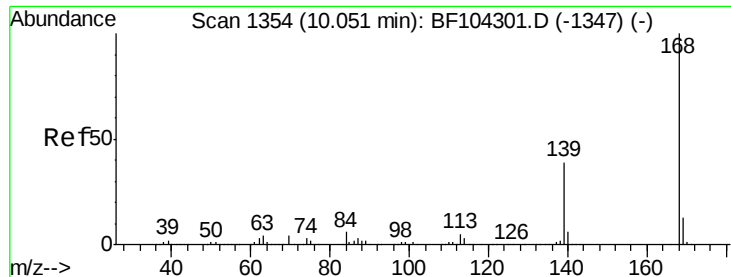
#53
2,4-Dinitrophenol
Concen: 15.499 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:184 Resp: 6321
Ion Ratio Lower Upper
184 100
63 55.7 54.2 81.2
154 68.4 184.0 276.0#



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

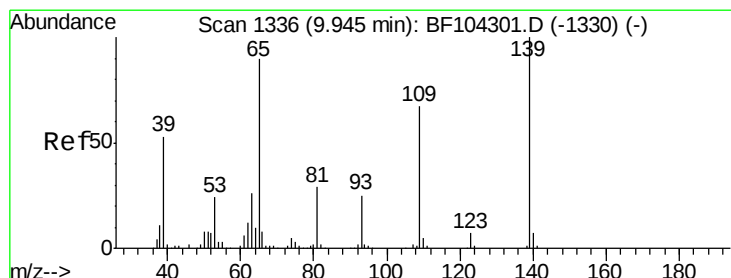
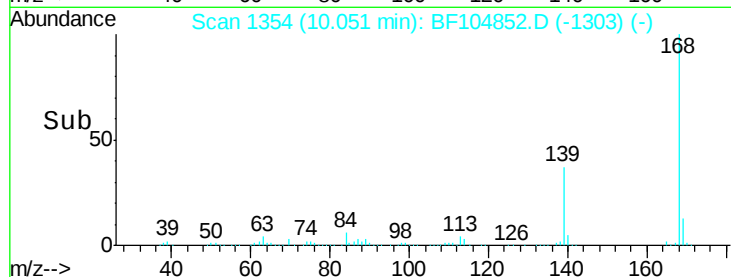
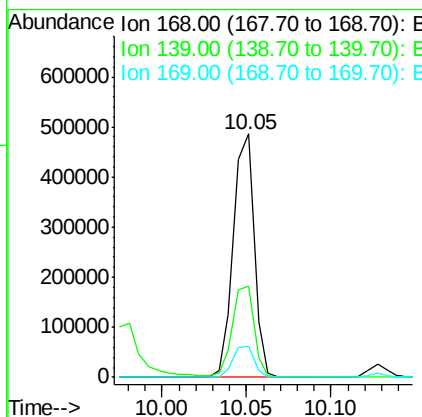
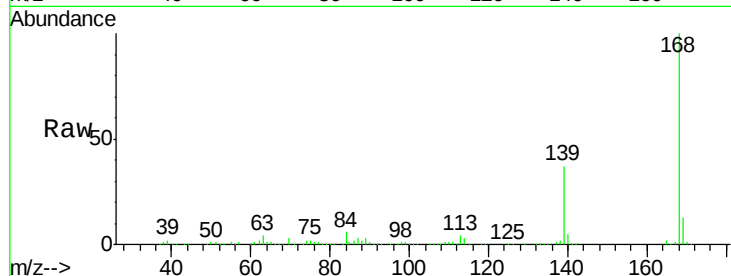




#54
Dibenzenofuran
Concen: 33.353 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

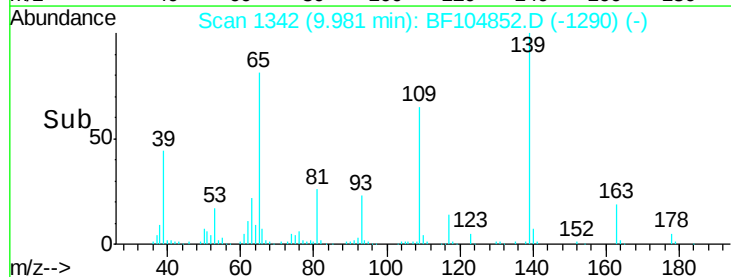
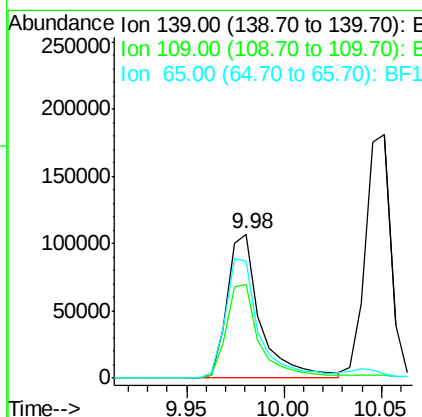
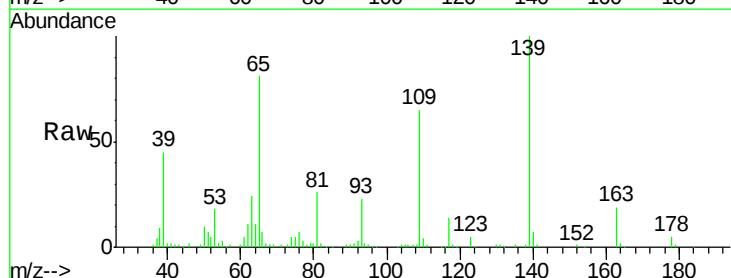
Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

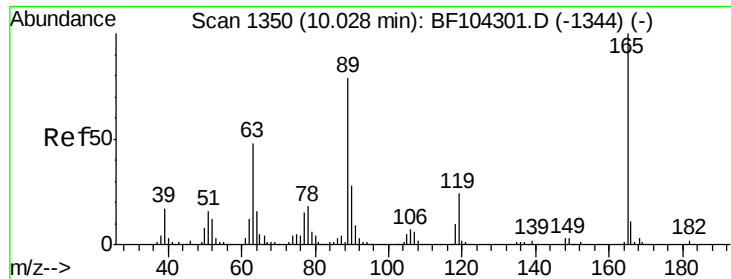
Tot Ion:168 Resp: 418845
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 12.9 10.9 16.3



#55
4-Nitrophenol
Concen: 66.332 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:139 Resp: 126271
Ion Ratio Lower Upper
139 100
109 65.3 48.4 88.4
65 81.1 72.6 112.6

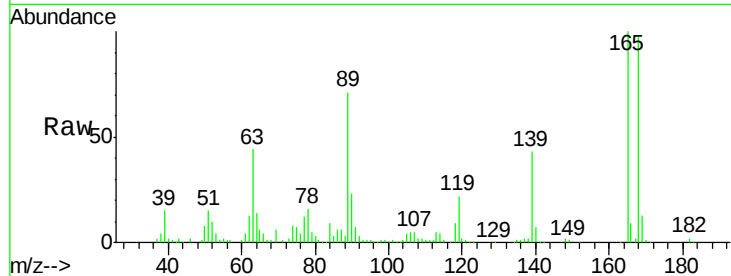




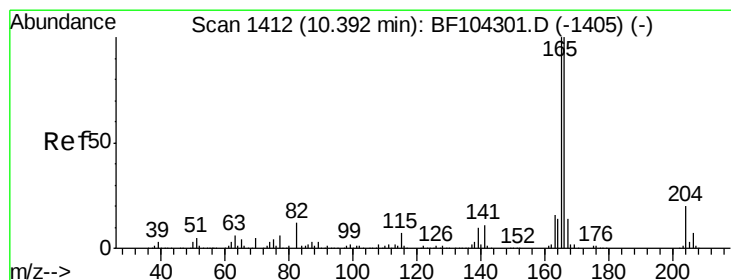
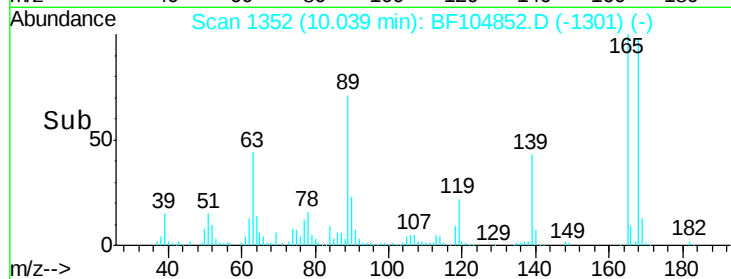
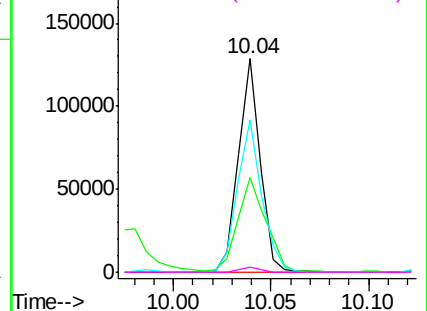
#56
2,4-Dinitrotoluene
Concen: 36.971 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

Tot Ion:	165	Resp:	100386
Ion	Ratio	Lower	Upper
165	100		
63	44.4	36.4	54.6
89	71.1	57.8	86.6
182	2.3	1.6	2.4

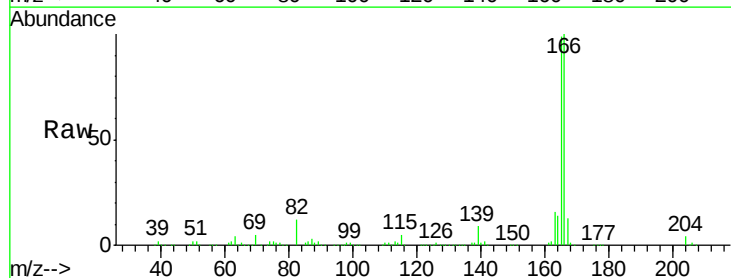


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

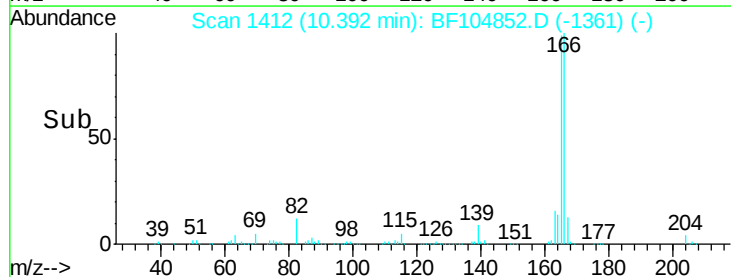
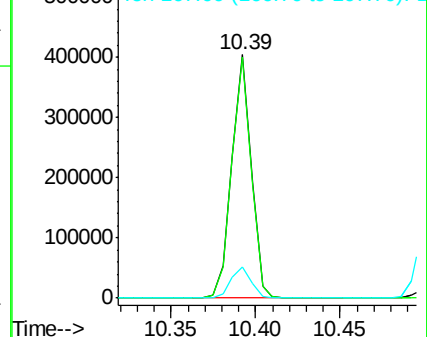


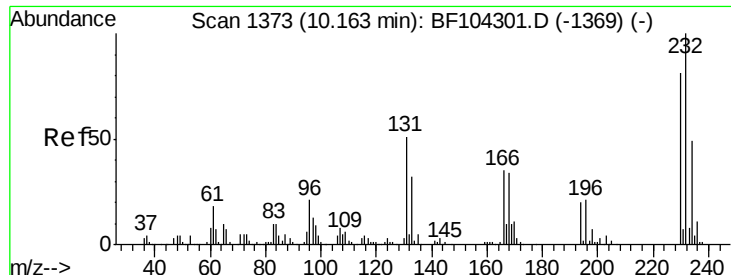
#57
Fluorene
Concen: 35.359 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:	166	Resp:	323196
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.0	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

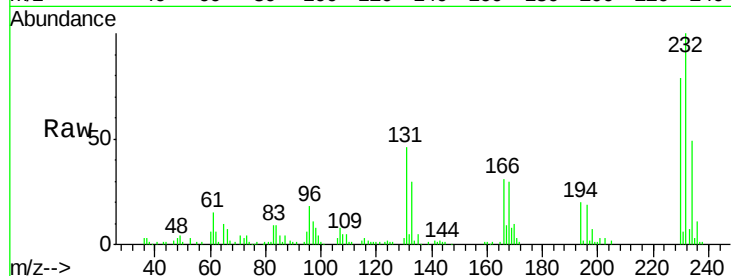




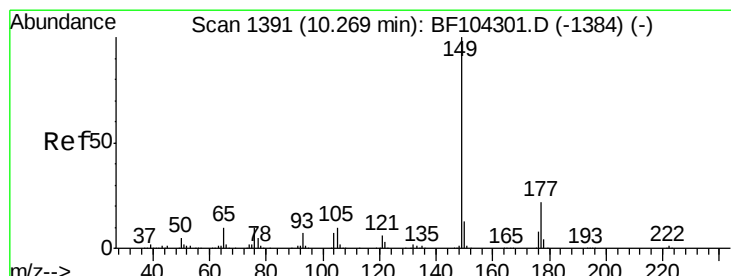
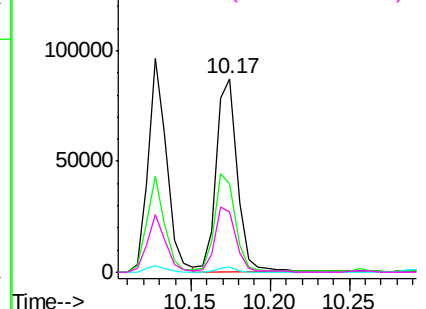
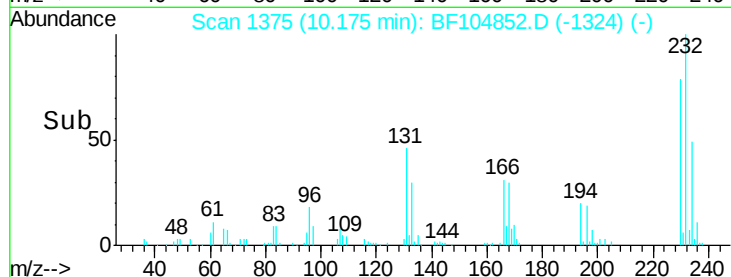
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.597 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

Tot Ion:232	Resp:	81421
Ion Ratio	Lower	Upper
232	100	
131	51.9	43.8 65.8
130	2.3	2.1 3.1
166	33.9	27.8 41.6

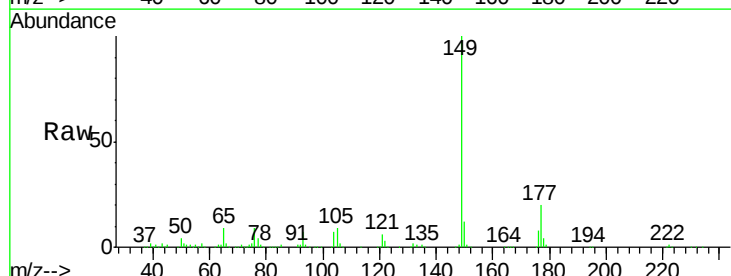


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

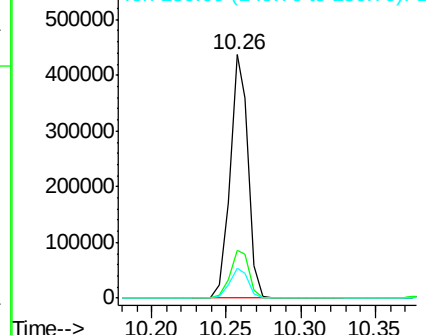
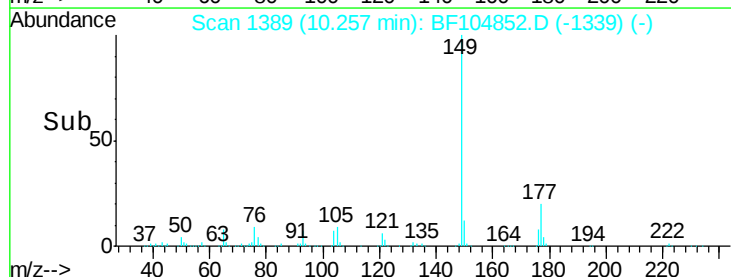


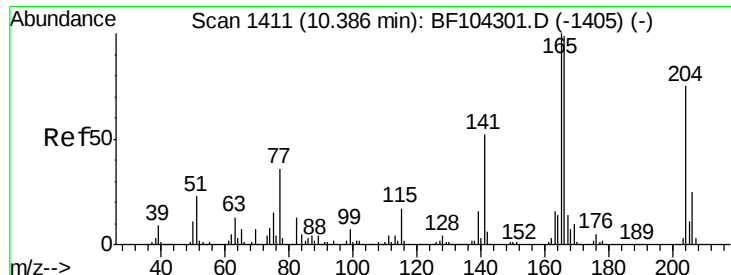
#59
 Diethylphthalate
 Concen: 33.601 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:149	Resp:	374361
Ion Ratio	Lower	Upper
149	100	
177	19.8	16.1 24.1
150	12.4	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

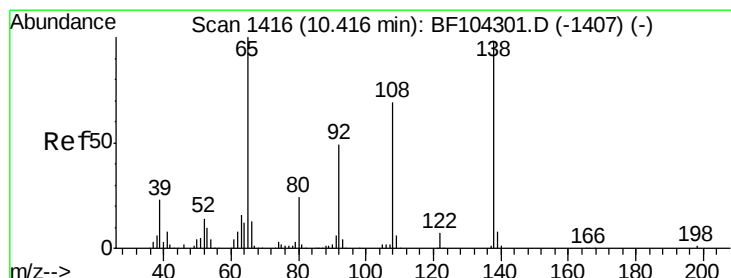
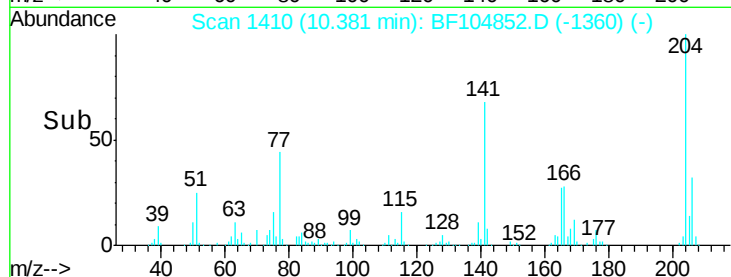
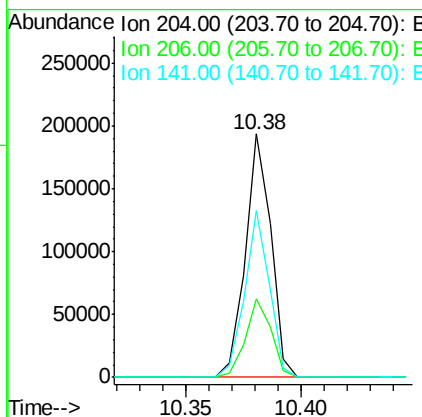
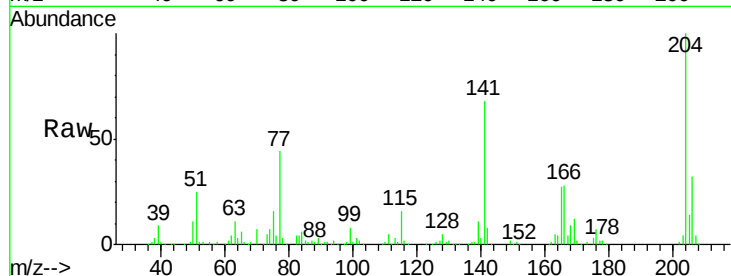




#60
 4-Chlorophenyl-phenylether
 Concen: 36.855 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

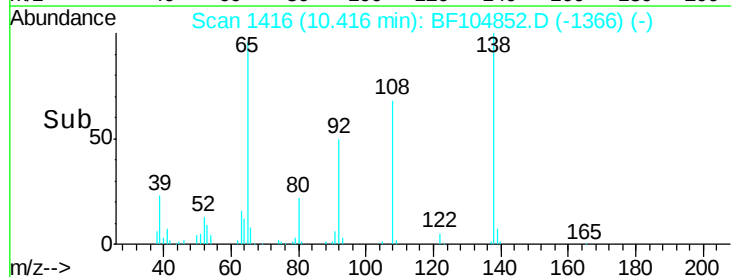
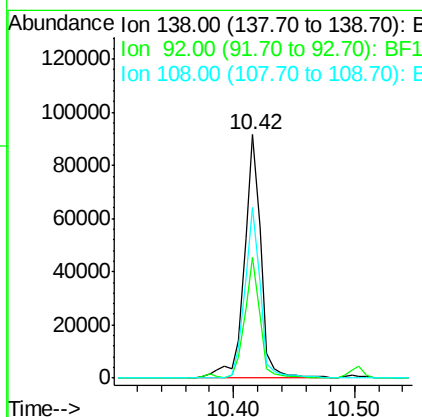
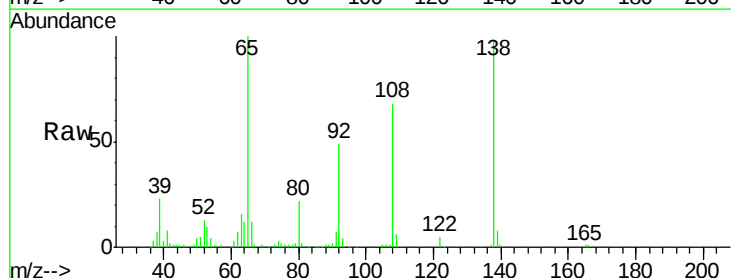
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

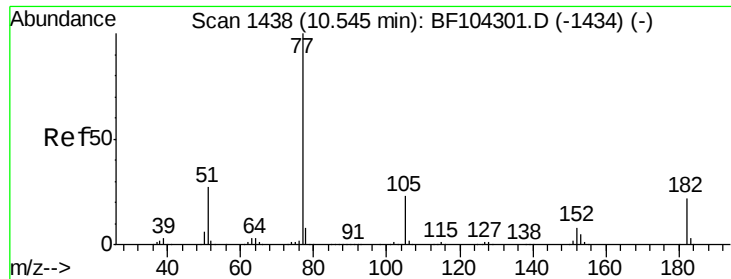
Tot Ion: 204 Resp: 150028
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.5 39.7
 141 68.4 54.6 81.8



#61
 4-Nitroaniline
 Concen: 36.953 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion: 138 Resp: 87559
 Ion Ratio Lower Upper
 138 100
 92 49.8 30.2 70.2
 108 70.1 52.5 92.5





#62

Azobenzene

Concen: 29.341 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

Tot Ion: 77 Resp: 312314

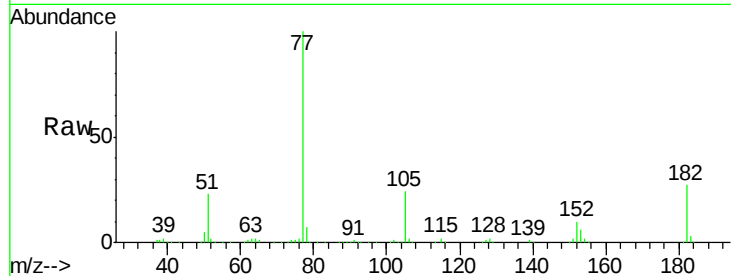
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 24.1 3.0 43.0

51 23.4 9.9 49.9

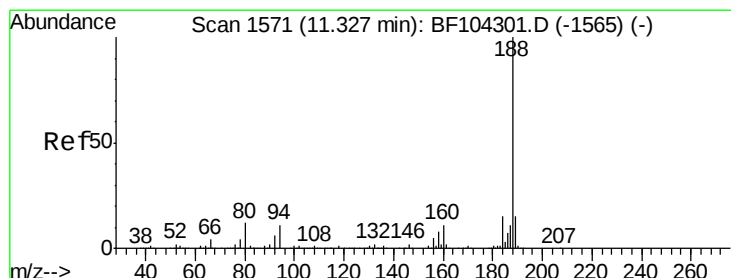
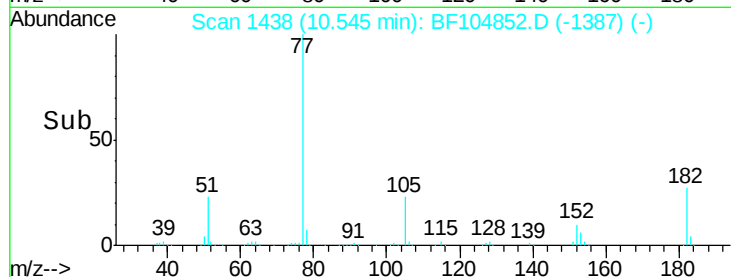
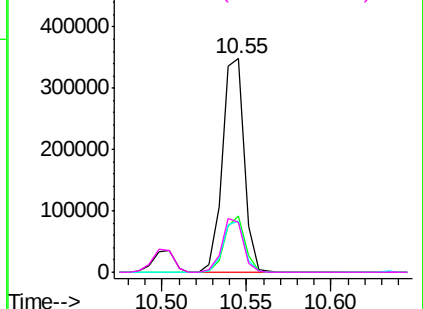


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

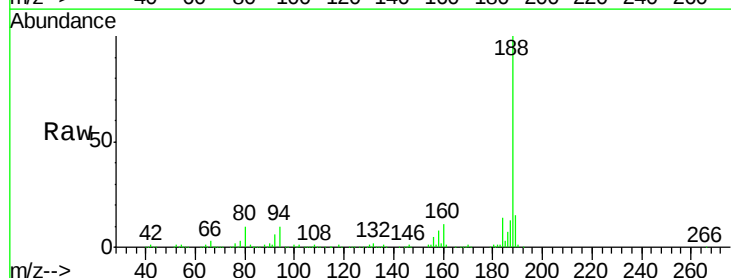
Tgt Ion: 188 Resp: 237027

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

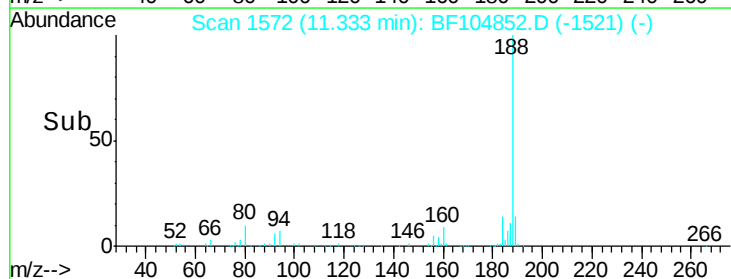
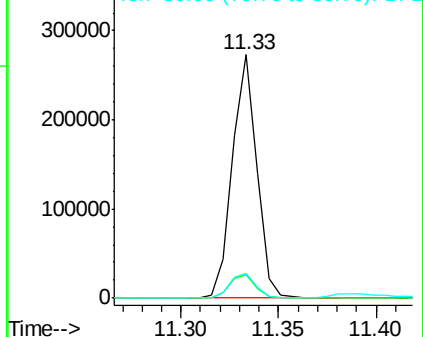
80 10.4 9.2 13.8

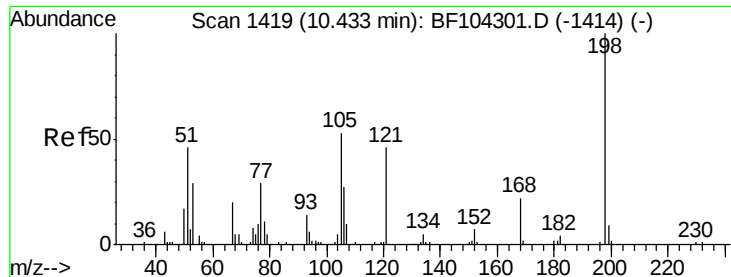


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

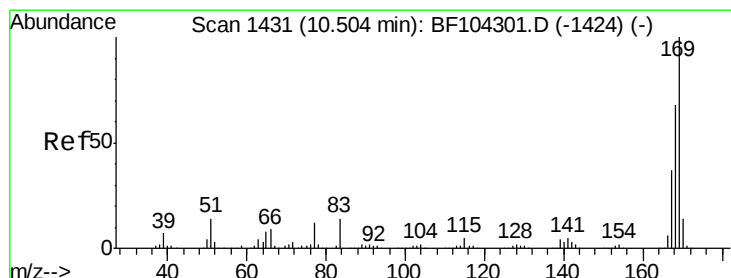
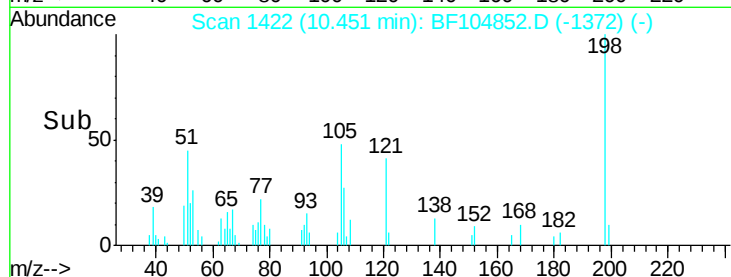
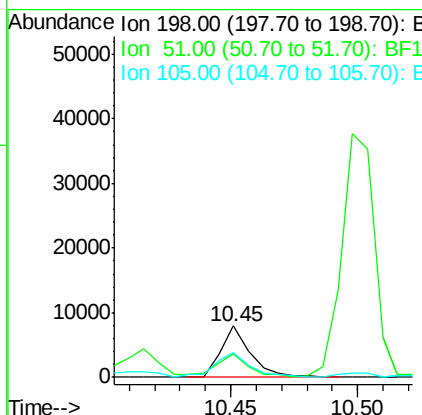
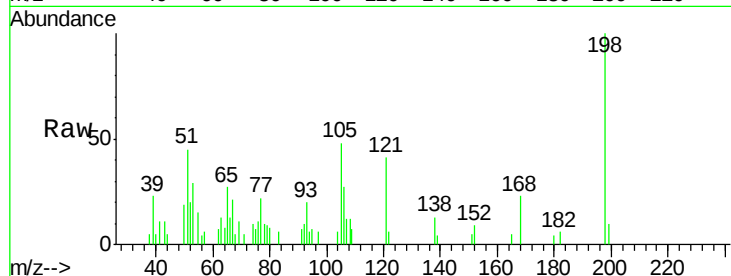




#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.090 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

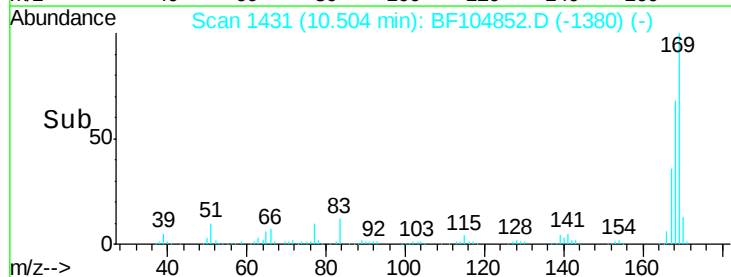
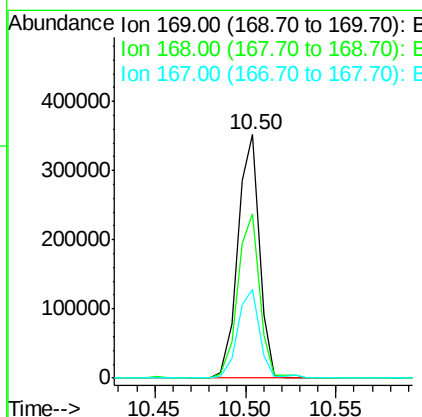
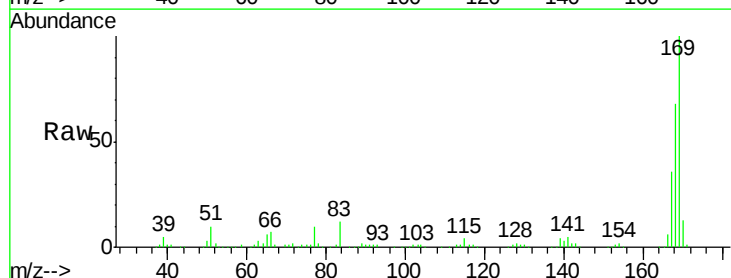
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

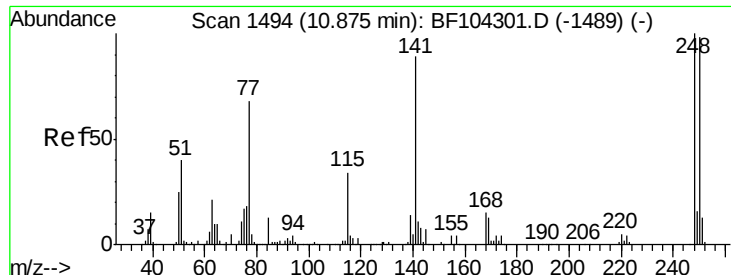
Tot Ion:198 Resp: 6465
 Ion Ratio Lower Upper
 198 100
 51 44.8 37.7 77.7
 105 47.5 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 35.388 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:169 Resp: 290827
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 36.2 29.8 44.6

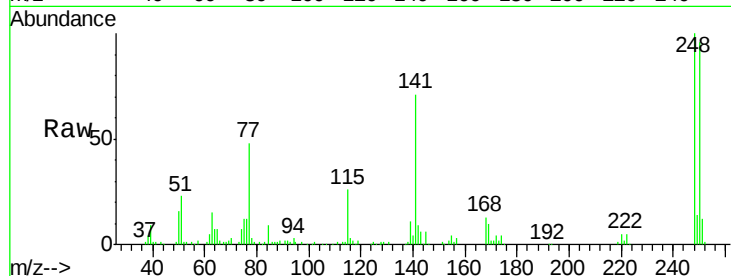




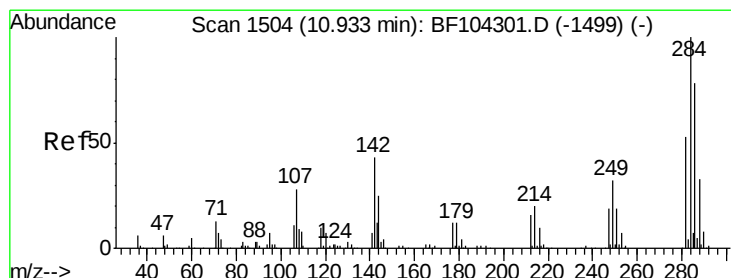
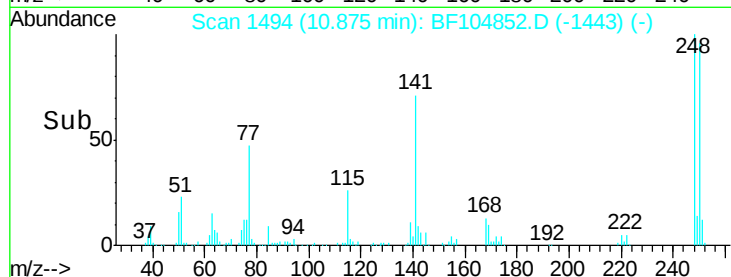
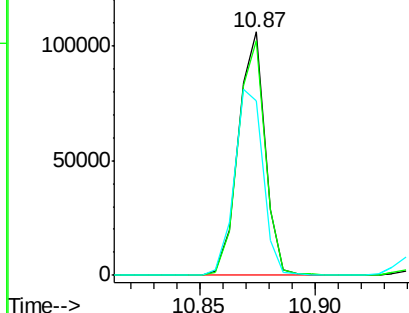
#66
4-Bromophenyl-phenylether
Concen: 34.117 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

Tot Ion:248 Resp: 86015
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 71.5 74.4 111.6#

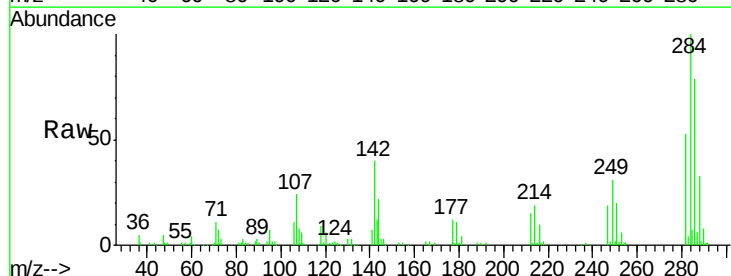


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

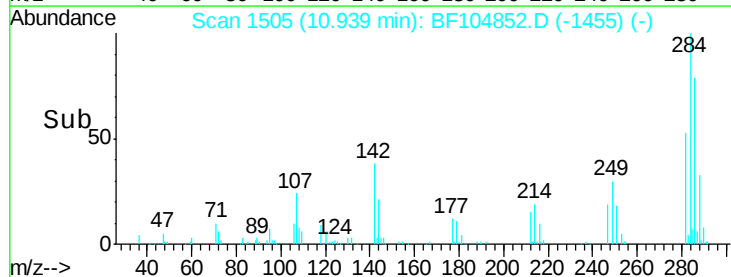
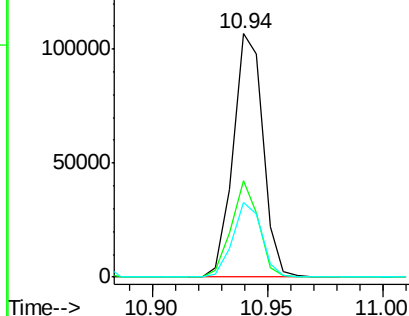


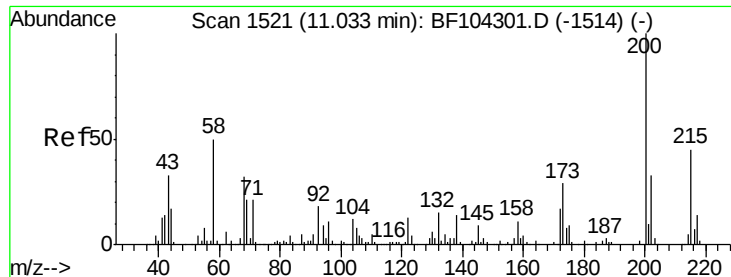
#67
Hexachlorobenzene
Concen: 33.940 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:284 Resp: 96284
Ion Ratio Lower Upper
284 100
142 39.8 34.6 52.0
249 30.8 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

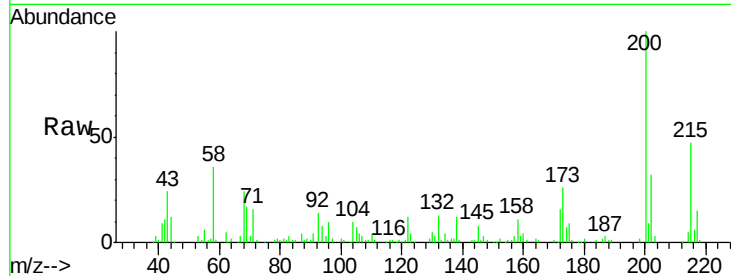




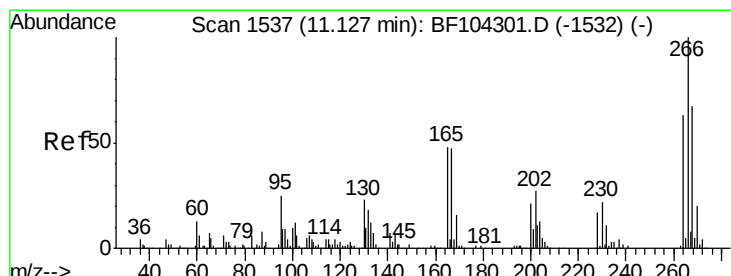
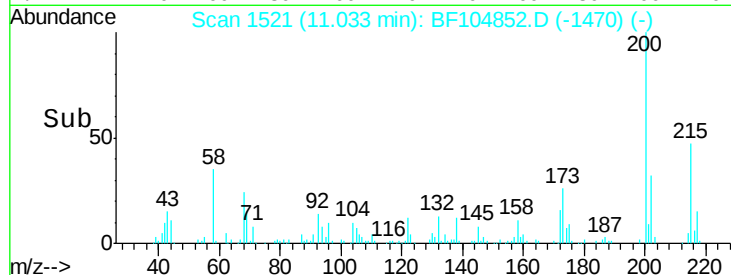
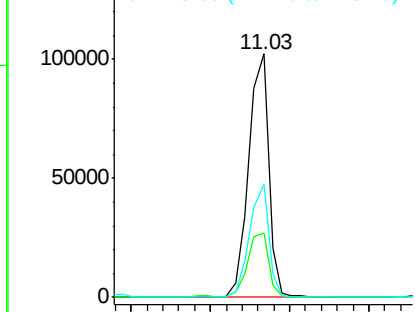
#68
 Atrazine
 Concen: 36.316 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	8.6	48.6
215	46.6	25.1	65.1

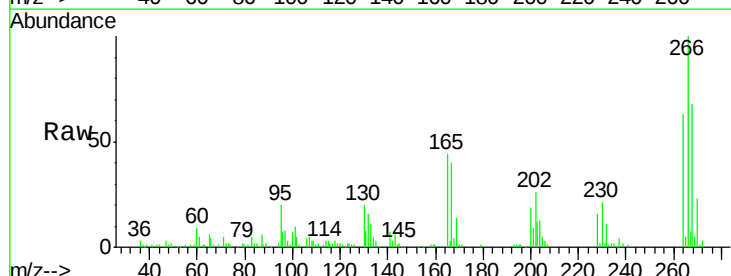


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

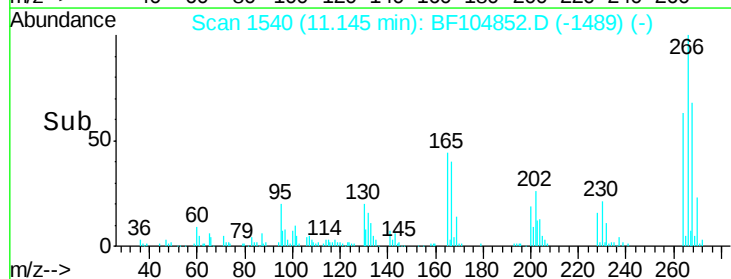
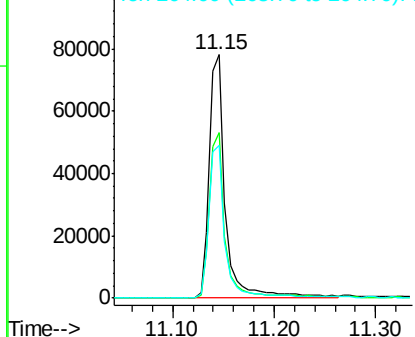


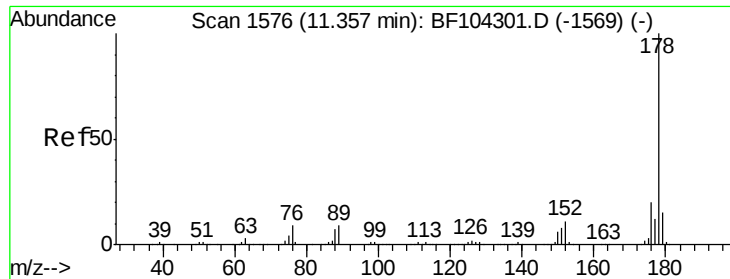
#69
 Pentachlorophenol
 Concen: 49.549 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	51.1	76.7
264	62.8	49.5	74.3



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

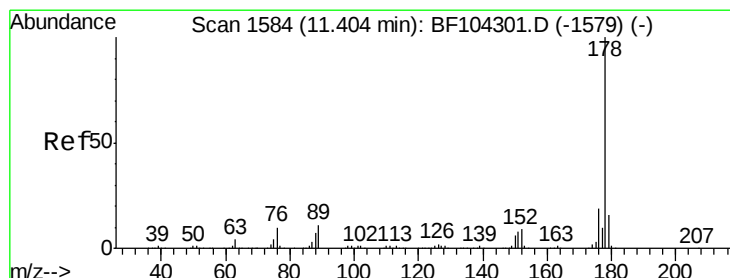
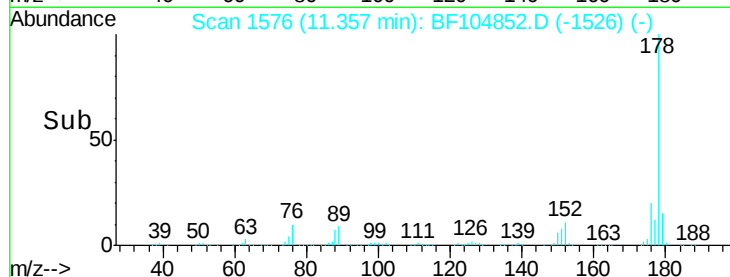
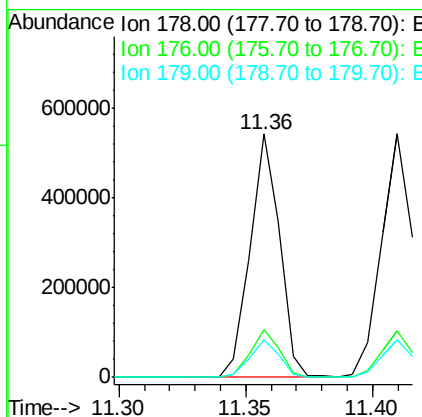
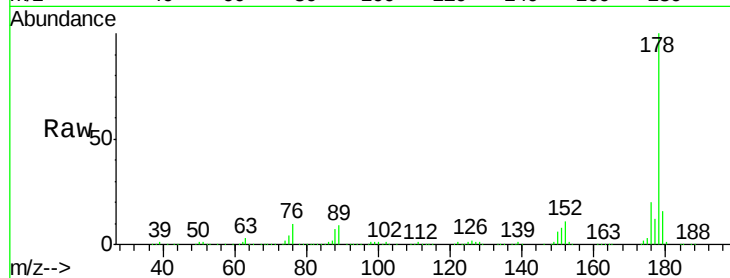




#70
 Phenanthrene
 Concen: 33.385 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

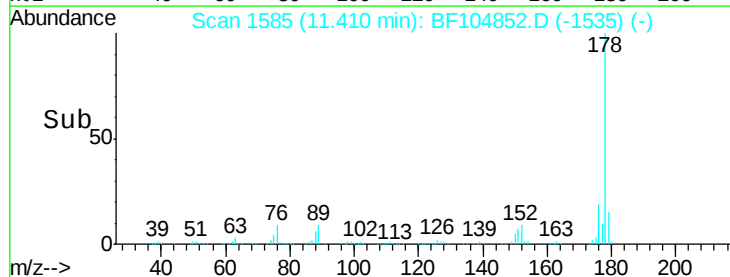
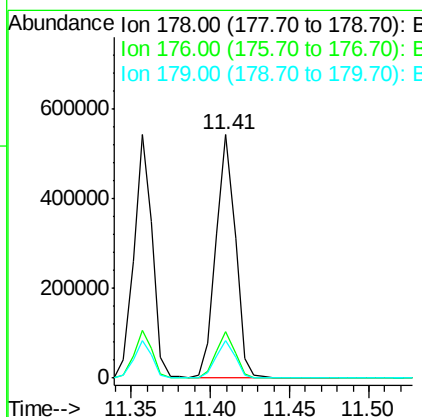
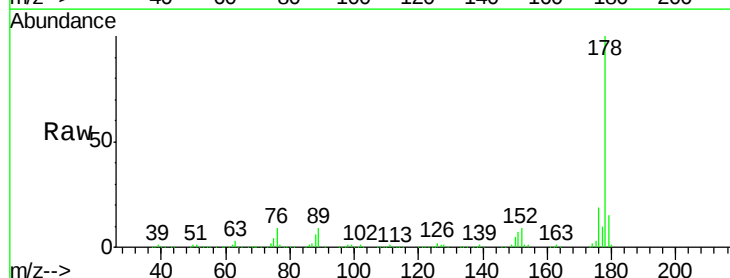
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

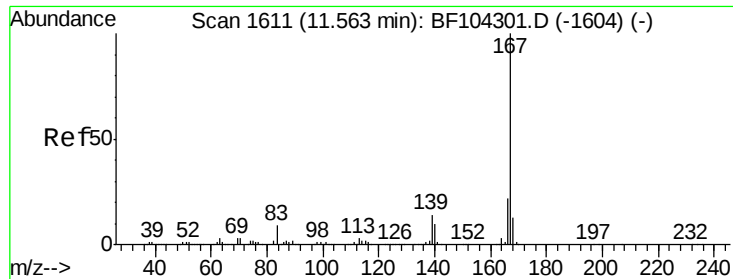
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6



#71
 Anthracene
 Concen: 34.631 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.4	12.6	19.0





#72

Carbazole

Concen: 34.498 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

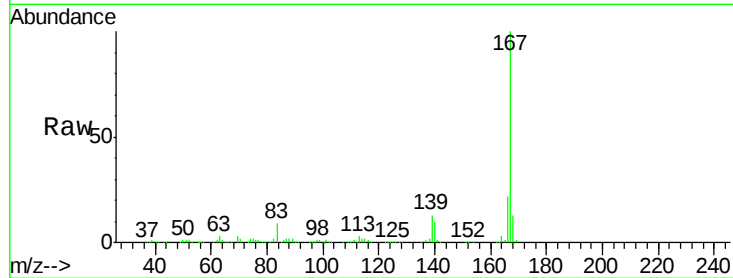
Tot Ion:167 Resp: 452328

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

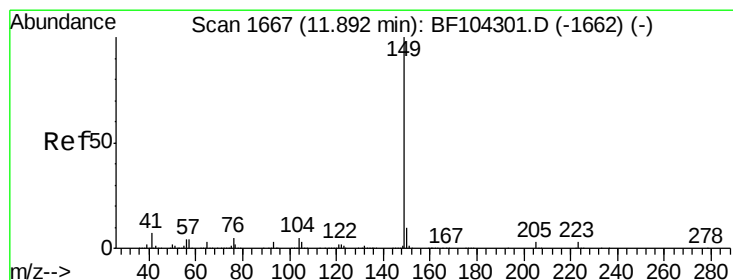
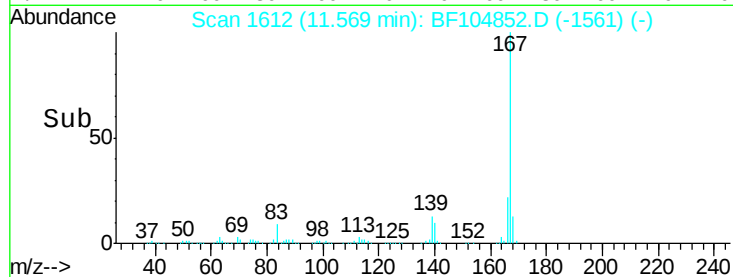
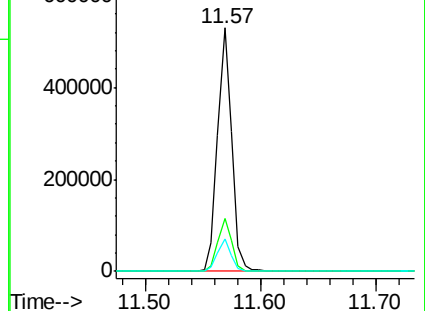
139 13.5 10.9 16.3



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: 31.680 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

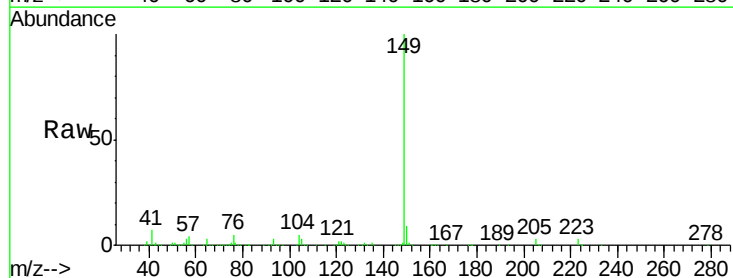
Tgt Ion:149 Resp: 507404

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

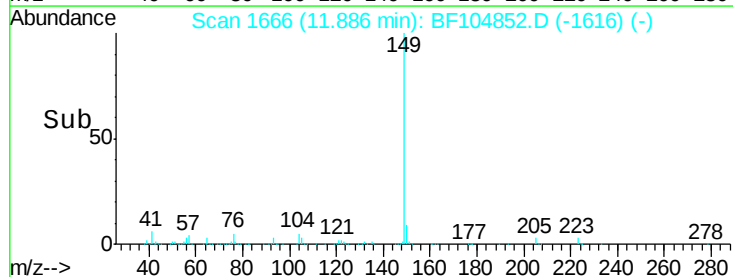
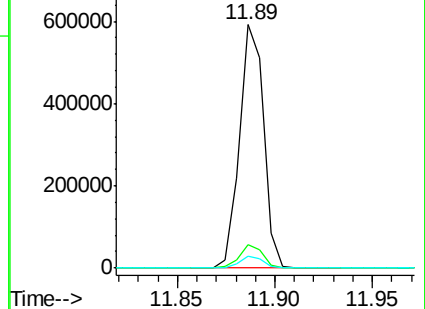
104 4.8 3.8 5.8

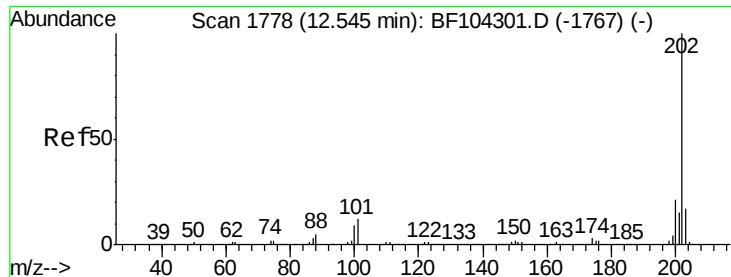


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

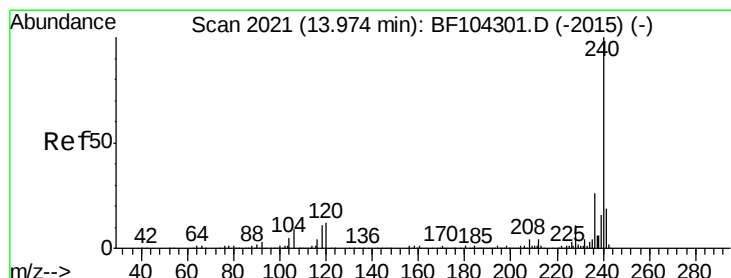
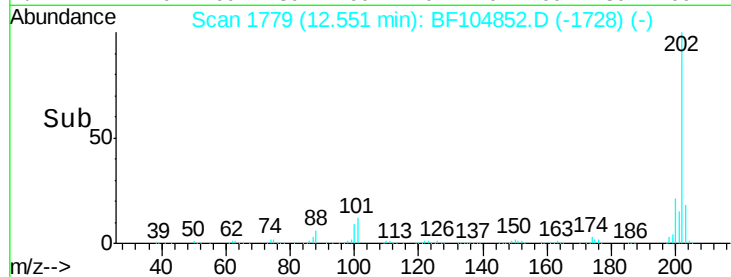
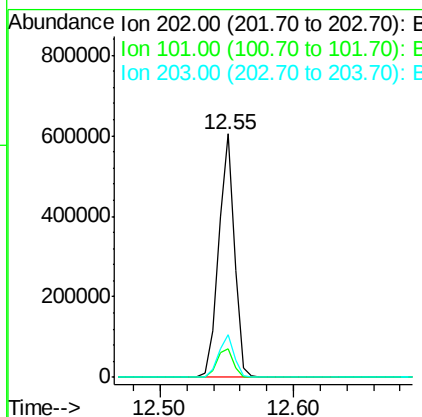
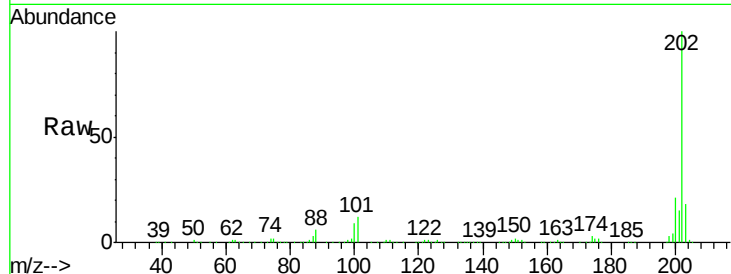




#74
 Fluoranthene
 Concen: 36.672 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

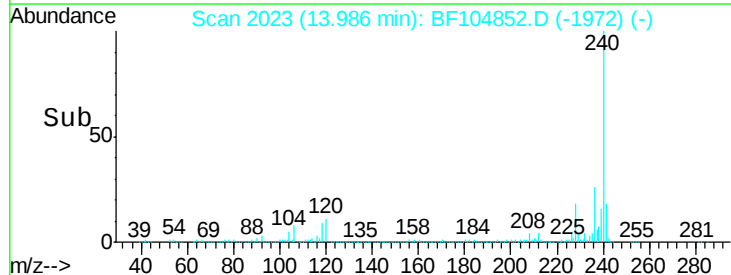
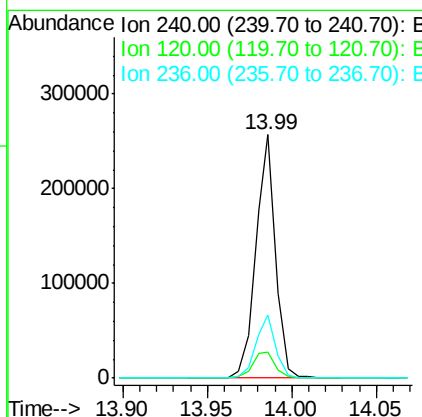
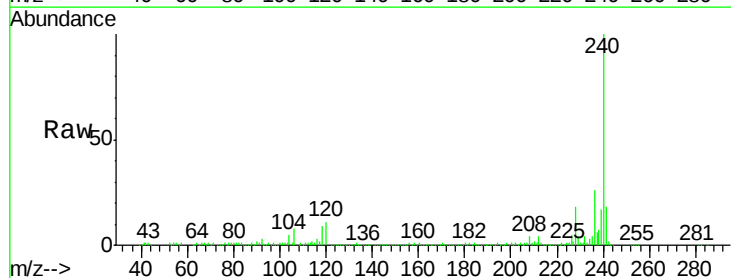
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.022MSD

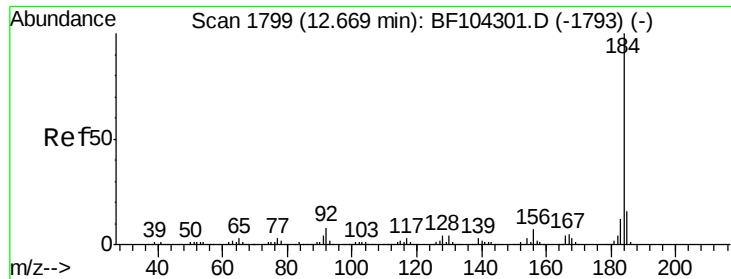
Tot Ion:	202	Resp:	505750
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.8	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:	240	Resp:	208920
Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.8	20.7	31.1





#76

Benzidine

Concen: 29.998 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

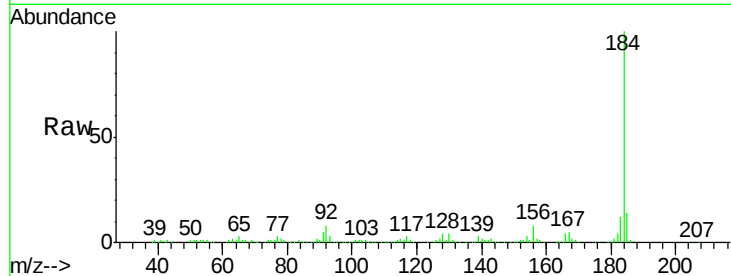
BNA_F

ClientSampleId :

FK-PS-01.022MSD

Tot Ion:184 Resp: 229221

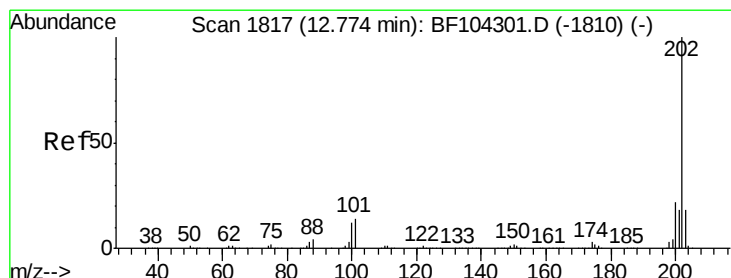
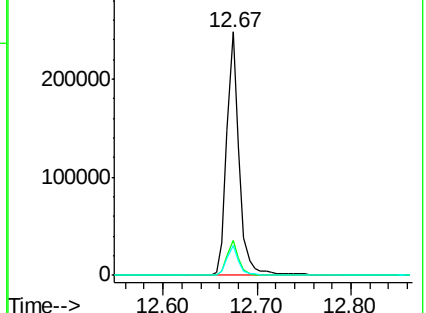
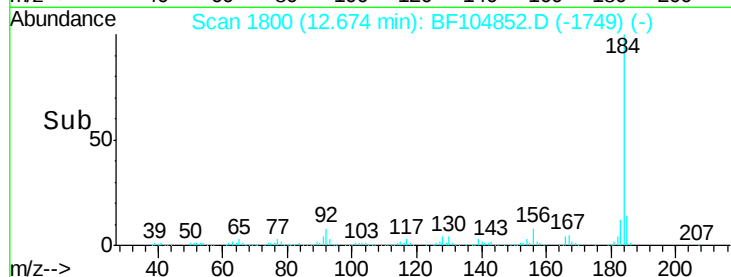
Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	12.0	9.3	13.9



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: 33.064 ng

RT: 12.78 min Scan# 1818

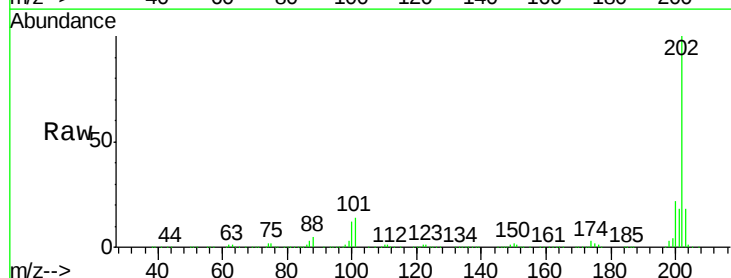
Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Tgt Ion:202 Resp: 512022

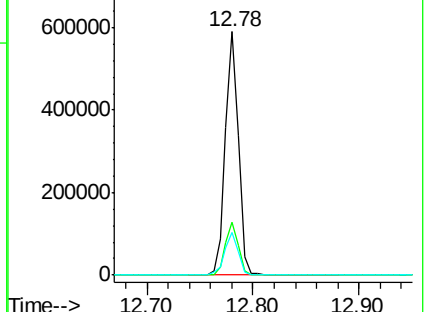
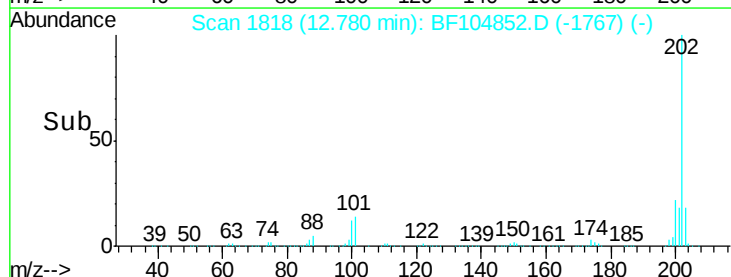
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

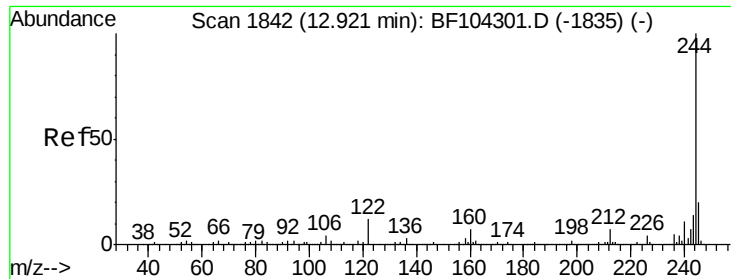


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.721 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

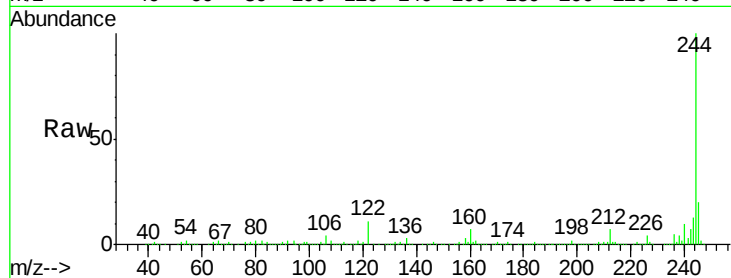
Tot Ion:244 Resp: 675571

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

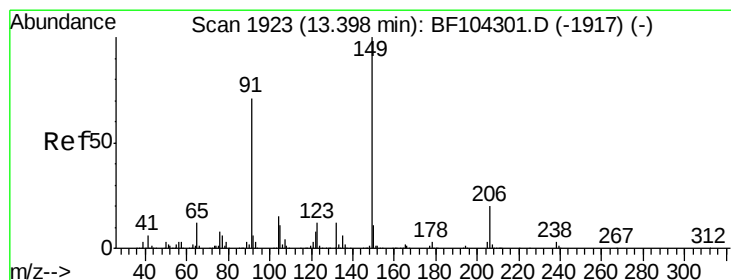
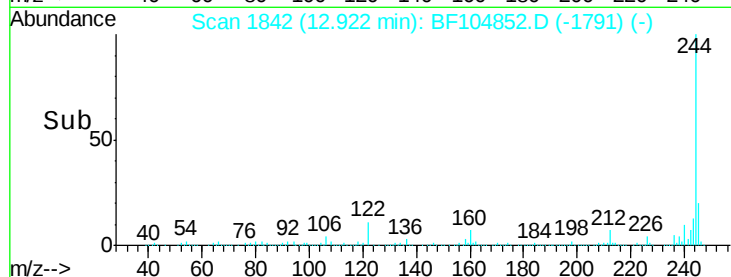
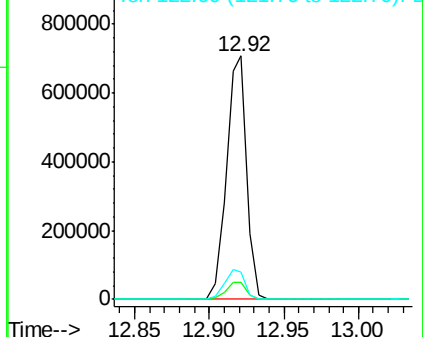
122 11.3 11.0 16.4



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: 33.074 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

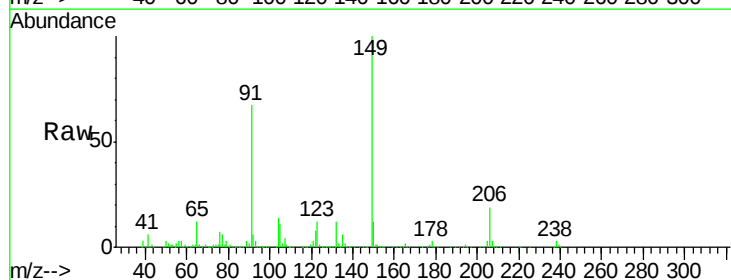
Tgt Ion:149 Resp: 241292

Ion Ratio Lower Upper

149 100

91 67.2 56.8 85.2

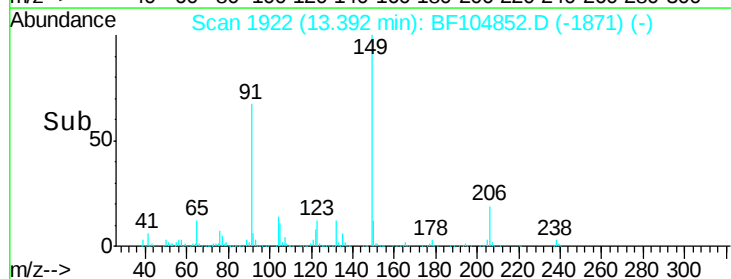
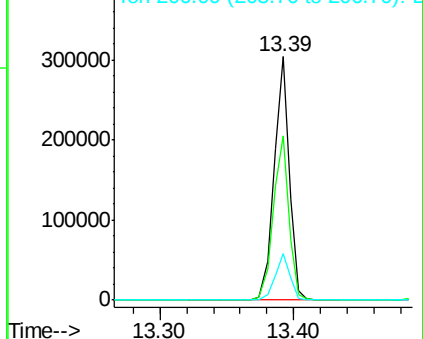
206 19.0 14.1 21.1

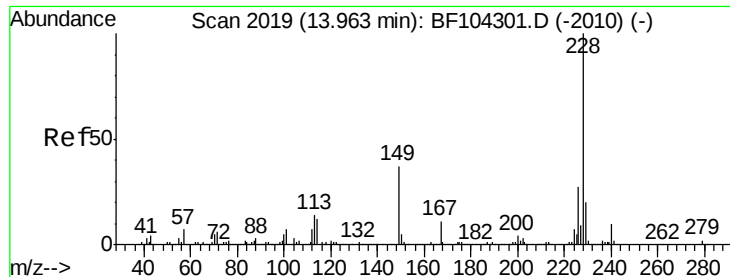


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.243 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

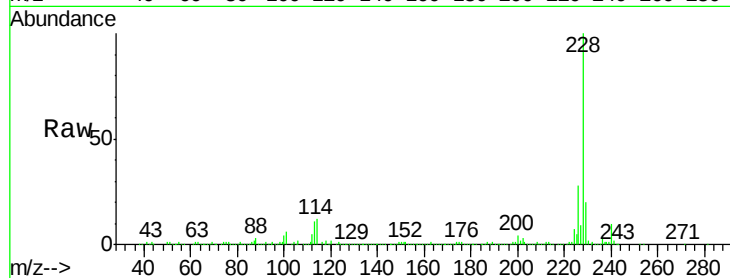
Tot Ion:228 Resp: 439867

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

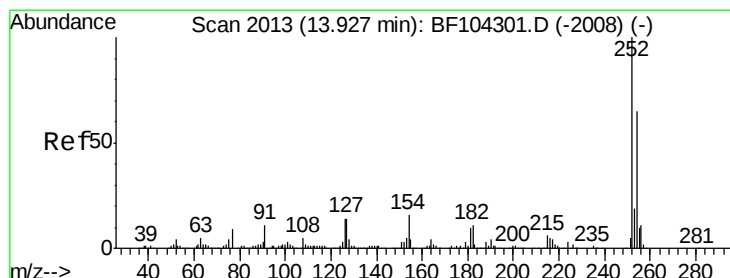
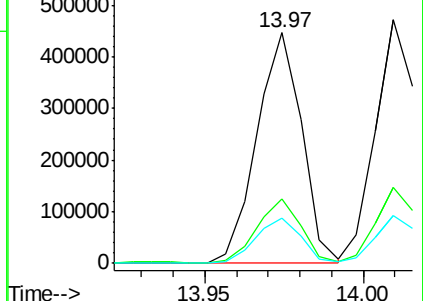
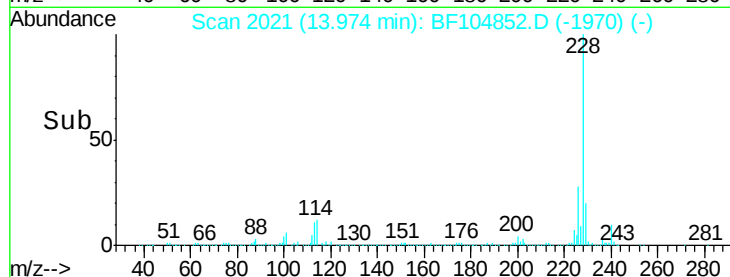
229 19.9 15.8 23.6



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: 34.959 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

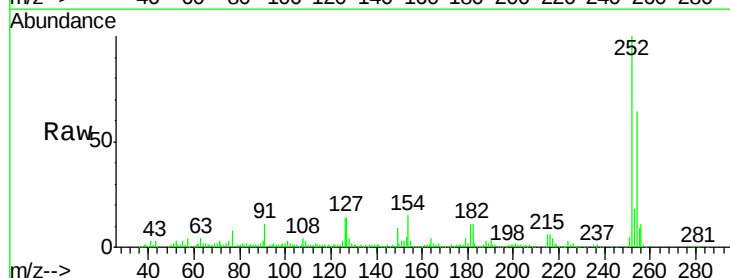
Tgt Ion:252 Resp: 162688

Ion Ratio Lower Upper

252 100

254 64.3 50.4 75.6

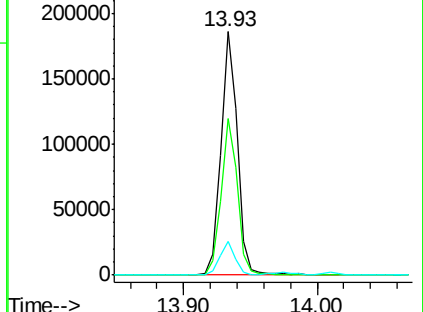
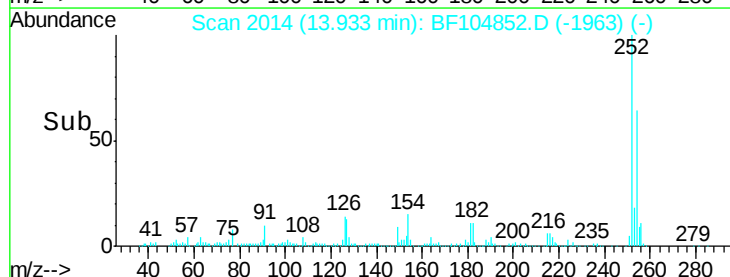
126 13.6 11.3 16.9

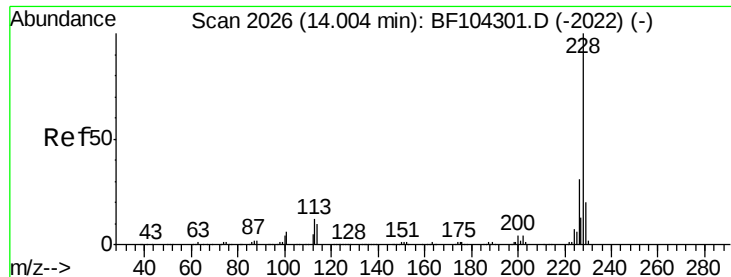


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.700 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.022MSD

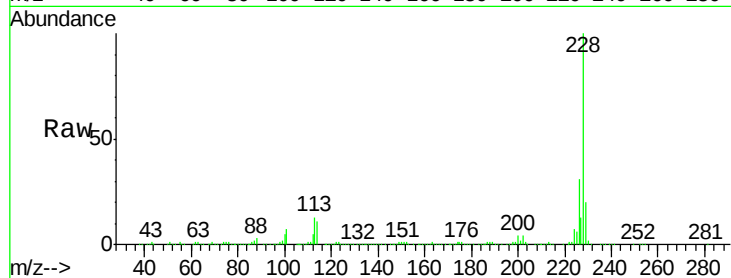
Tot Ion:228 Resp: 419208

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

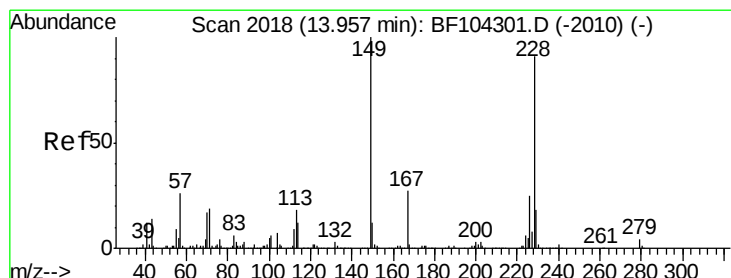
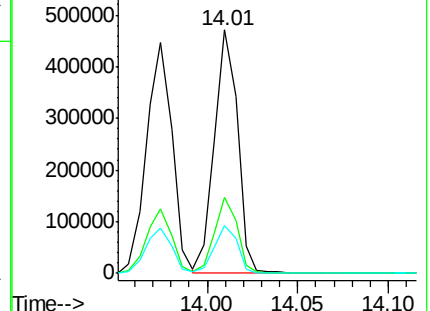
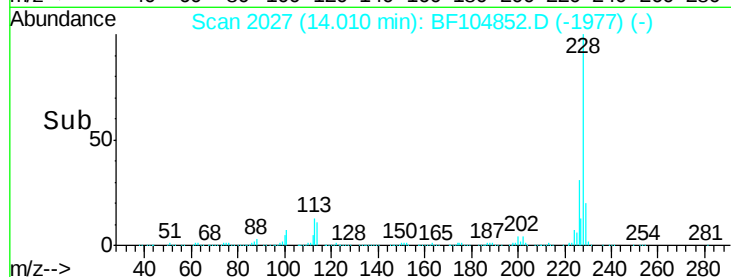
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.194 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

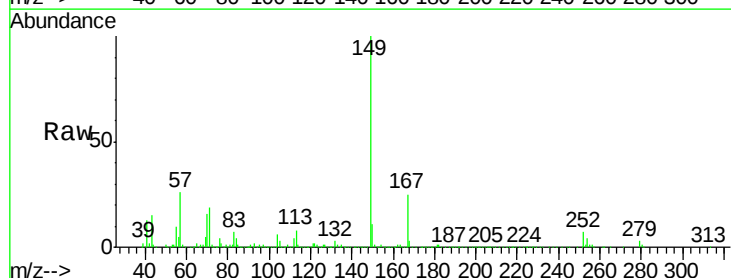
Tgt Ion:149 Resp: 349025

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

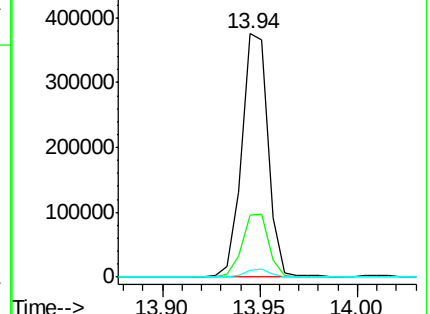
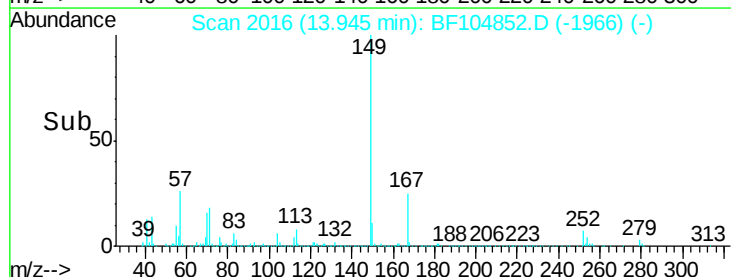
279 2.9 3.0 4.4#

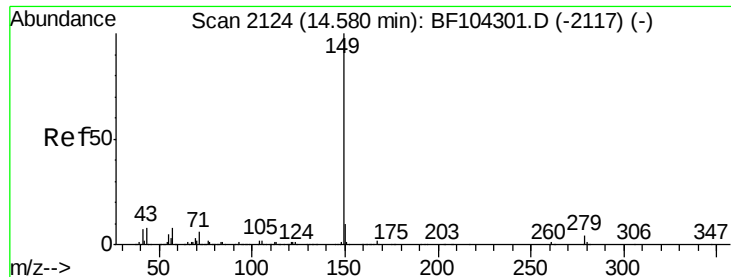


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

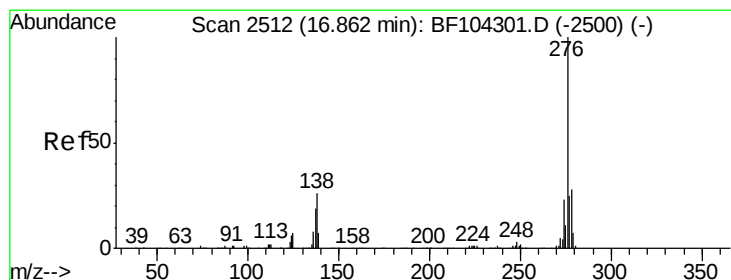
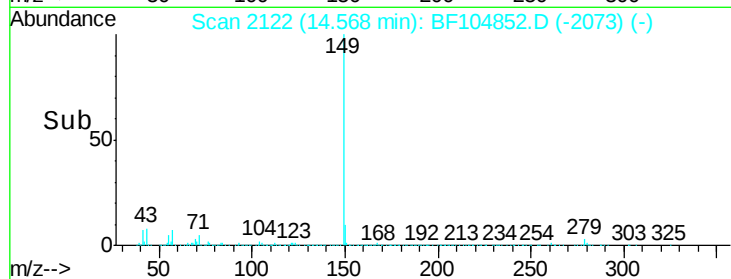
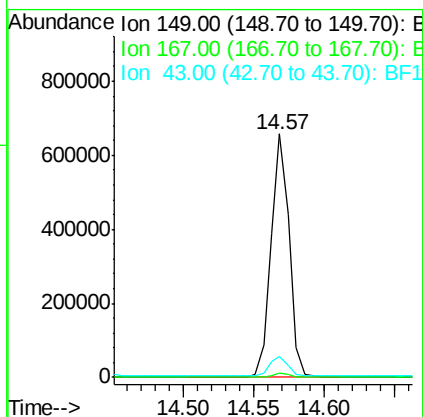
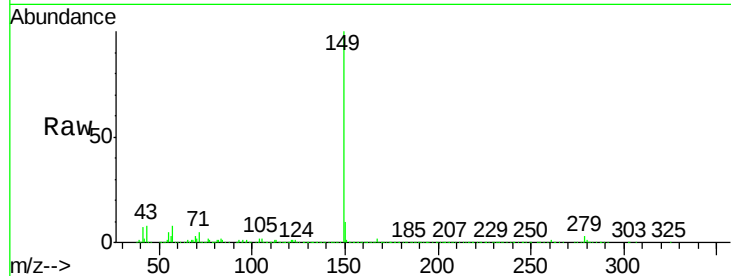




#84
Di-n-octyl phthalate
Concen: 37.611 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

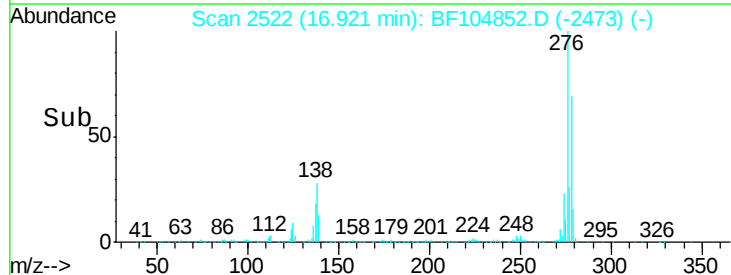
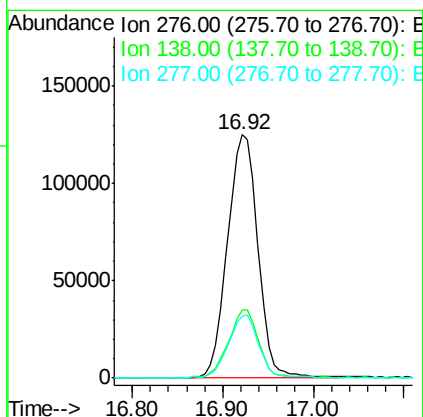
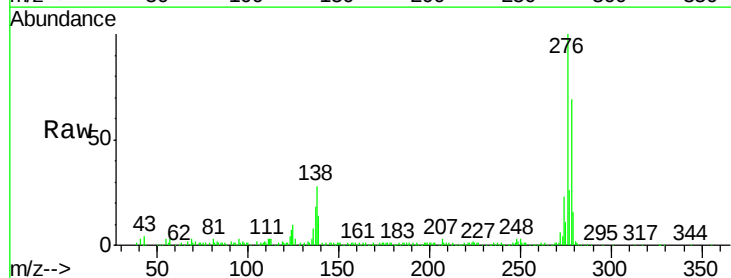
Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

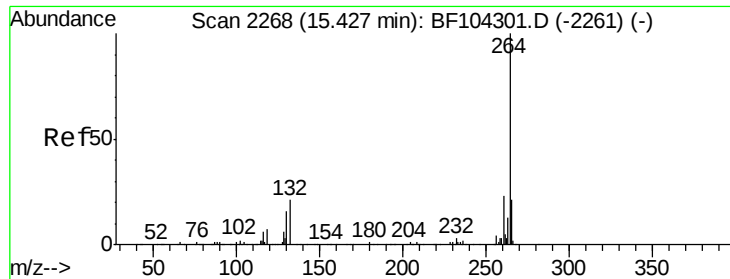
Tot Ion:149 Resp: 589727
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.8 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 26.843 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:276 Resp: 292329
Ion Ratio Lower Upper
276 100
138 27.4 25.0 37.6
277 26.4 20.1 30.1

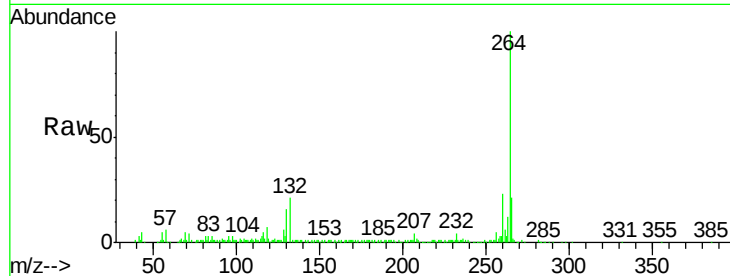




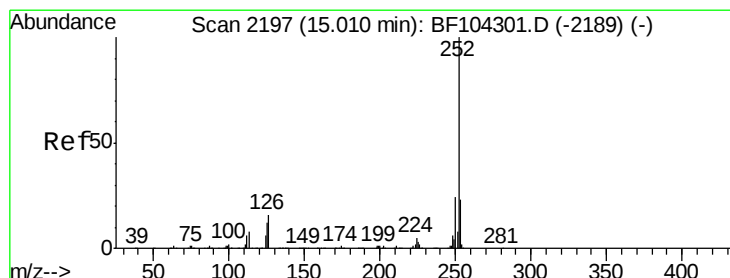
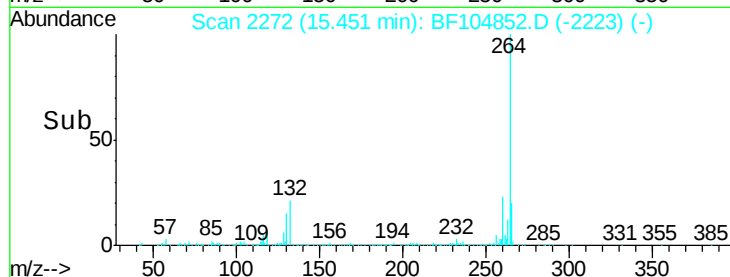
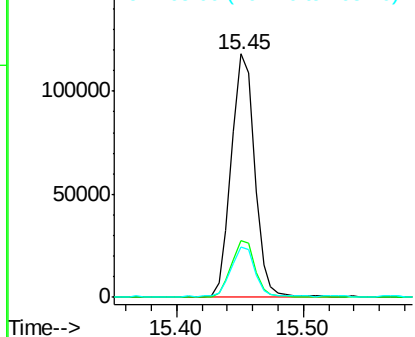
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

Tot Ion:264 Resp: 151568
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.7 17.5 26.3

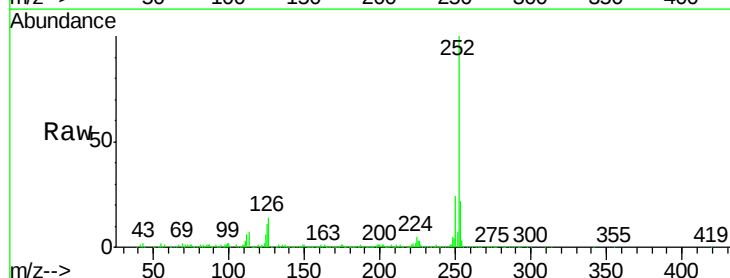


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

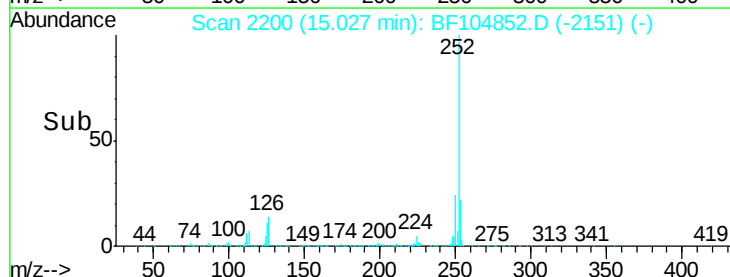
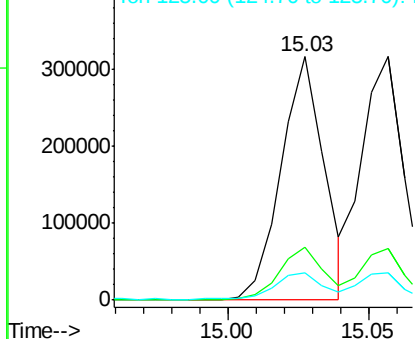


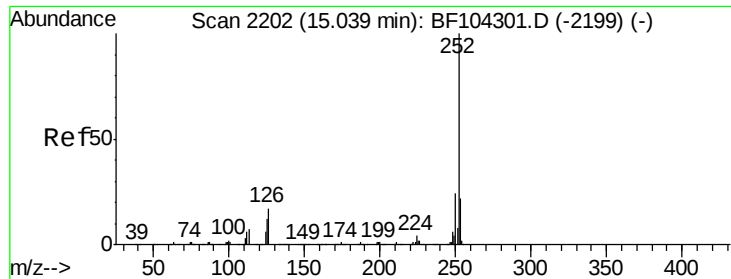
#87
Benzo(b)fluoranthene
Concen: 35.165 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:252 Resp: 336628
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

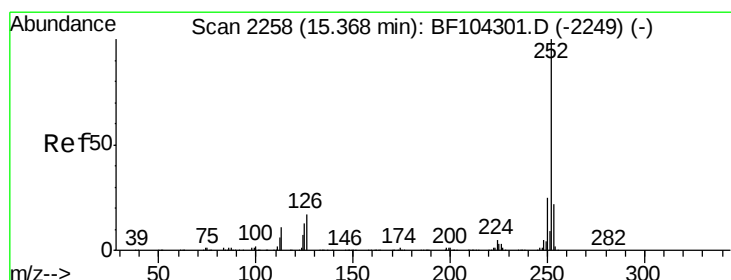
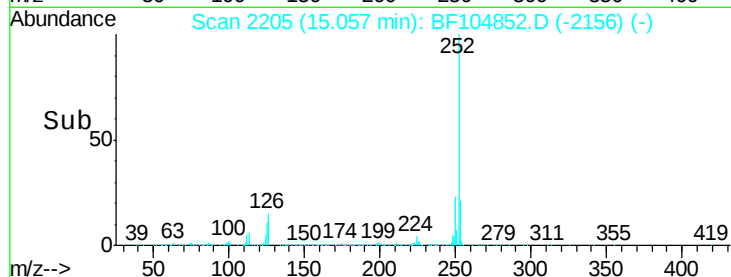
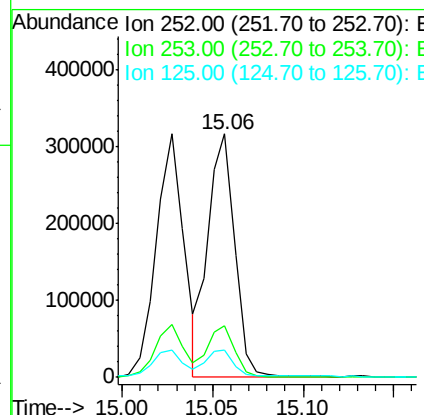
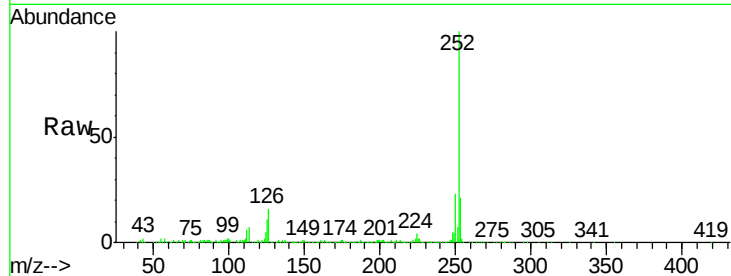




#88
Benzo(k)fluoranthene
Concen: 35.720 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

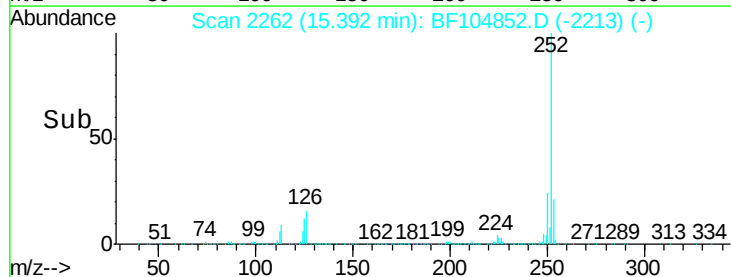
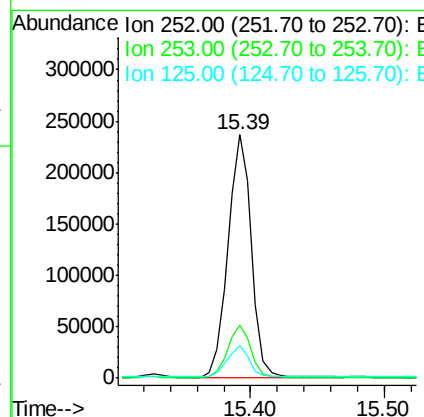
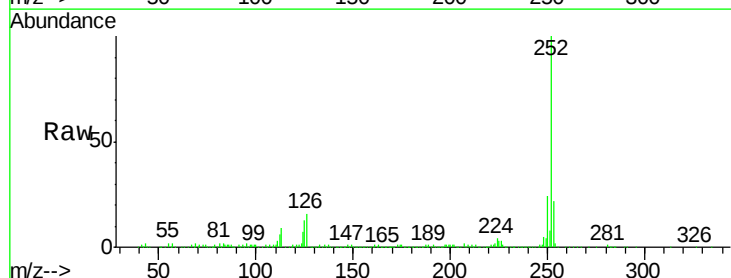
Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

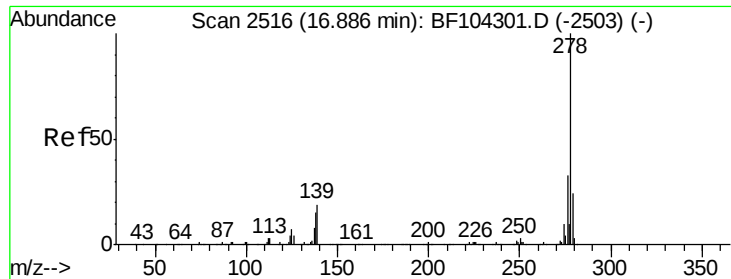
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 34.118 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.1	9.8	14.6

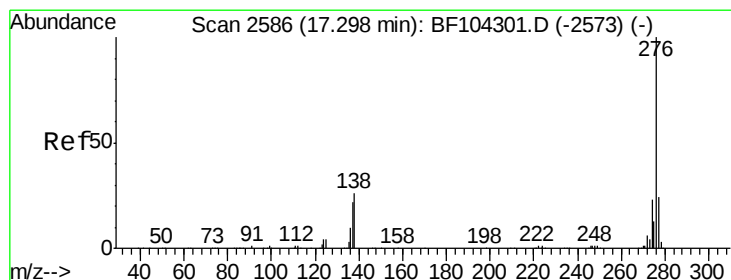
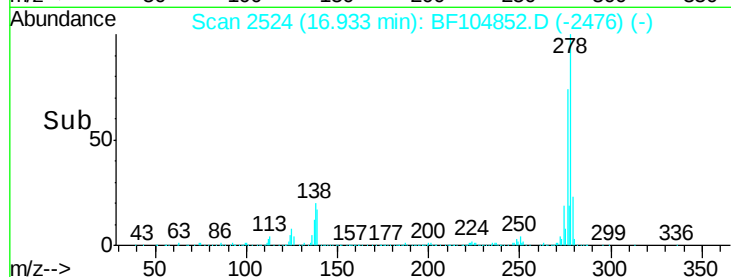
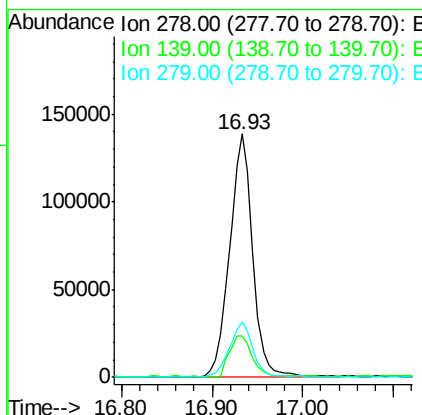
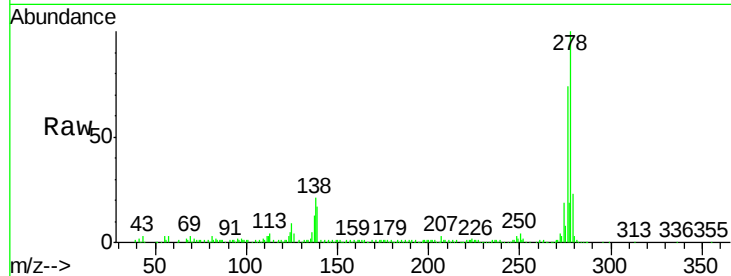




#90
Dibenzo(a,h)anthracene
Concen: 35.162 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.022MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	22.7	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 35.015 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	17.9	26.9
138	22.4	21.8	32.8

