

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104795.D
 Acq On : 25 Apr 2018 18:06
 Operator : JU/SJ
 Sample : J2520-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:14:45 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	115439	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	484828	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	214353	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	343822	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197348	20.00	ng	0.00
86) Perylene-d12	15.45	264	182571	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	841652	111.48	ng	0.01
7) Phenol-d6	6.45	99	1061473	114.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	680894	91.70	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	245506	110.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1181890	87.10	ng	0.00
78) Terphenyl-d14	12.92	244	841003	97.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	105406	29.963	ng	88
3) Pyridine	3.29	79	291136	29.436	ng	85
4) n-Nitrosodimethylamine	3.25	42	128494	37.165	ng	84
6) Aniline	6.47	93	249606	19.368	ng	# 20
8) 2-Chlorophenol	6.59	128	338695	42.504	ng	95
9) Benzaldehyde	6.35	77	148711	28.901	ng	97
10) Phenol	6.46	94	397455	40.382	ng	82
11) bis(2-Chloroethyl)ether	6.54	93	316539	40.302	ng	94
12) 1,3-Dichlorobenzene	6.74	146	354228	39.239	ng	97
13) 1,4-Dichlorobenzene	6.82	146	358921	39.886	ng	99
14) 1,2-Dichlorobenzene	6.97	146	331802	39.789	ng	98
15) Benzyl Alcohol	6.95	79	278145	39.479	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	365202	34.623	ng	58
17) 2-Methylphenol	7.06	107	272999	39.413	ng	# 92
18) Hexachloroethane	7.31	117	120608	37.591	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	218407	36.031	ng	93
20) 3+4-Methylphenols	7.22	107	333994	38.879	ng	# 82
22) Acetophenone	7.22	105	459892	38.529	ng	98
24) Nitrobenzene	7.39	77	343294	41.878	ng	97
25) Isophorone	7.63	82	631168	40.200	ng	99
26) 2-Nitrophenol	7.70	139	184792	55.373	ng	96
27) 2,4-Dimethylphenol	7.75	122	275852	39.809	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	411340	42.849	ng	98
29) 2,4-Dichlorophenol	7.95	162	284914	43.093	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	287574	39.633	ng	99
31) Naphthalene	8.11	128	992556	41.114	ng	100
32) Benzoic acid	7.87	122	127955	23.143	ng	97
33) 4-Chloroaniline	8.16	127	179844	17.388	ng	96
34) Hexachlorobutadiene	8.22	225	157614	39.658	ng	99
35) Caprolactam	8.54	113	62749	27.206	ng	# 81
36) 4-Chloro-3-methylphenol	8.66	107	304604	42.966	ng	100
37) 2-Methylnaphthalene	8.80	142	640810	41.035	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	270318	44.054	ng	99
40) Hexachlorocyclopentadiene	8.95	237	53968	15.710	ng	98

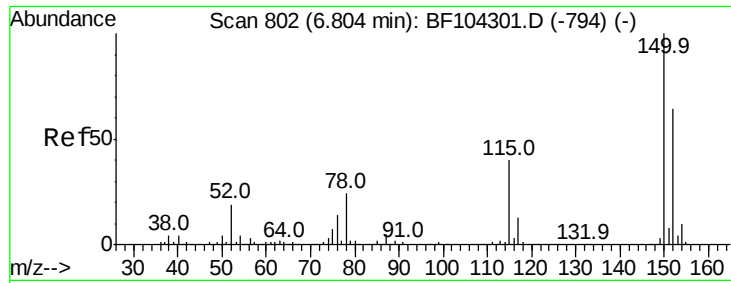
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104795.D
 Acq On : 25 Apr 2018 18:06
 Operator : JU/SJ
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Quant Time: Apr 26 08:14:45 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	189804	44.560	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	199787	41.914	nq	96
45) 1,1'-Biphenyl	9.27	154	730462	40.565	nq	98
46) 2-Chloronaphthalene	9.29	162	574392	40.384	nq	99
47) 2-Nitroaniline	9.40	65	176906	50.294	nq	89
48) Acenaphthylene	9.71	152	881262	39.490	nq	99
49) Dimethylphthalate	9.57	163	853764	50.508	nq	100
50) 2,6-Dinitrotoluene	9.64	165	150721	48.188	nq	92
51) Acenaphthene	9.88	154	528191	38.793	nq	100
52) 3-Nitroaniline	9.81	138	127357	34.781	nq	95
53) 2,4-Dinitrophenol	9.92	184	34698	37.339	nq	# 20
54) Dibenzofuran	10.05	168	767318	40.438	nq	96
55) 4-Nitrophenol	9.99	139	208459	72.473	nq	97
56) 2,4-Dinitrotoluene	10.05	165	179882	43.844	nq	93
57) Fluorene	10.40	166	610669	44.215	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	146097	41.084	nq	94
59) Diethylphthalate	10.27	149	679227	40.347	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	274326	44.600	nq	97
61) 4-Nitroaniline	10.43	138	150754	42.106	nq	96
62) Azobenzene	10.55	77	573403	35.651	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	33532	24.307	nq	# 78
65) n-Nitrosodiphenylamine	10.51	169	512054	42.953	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	161518	44.165	nq	97
67) Hexachlorobenzene	10.95	284	167589	40.726	nq	93
68) Atrazine	11.04	200	167830	46.641	nq	98
69) Pentachlorophenol	11.15	266	133220	52.329	nq	96
70) Phenanthrene	11.37	178	1433137	74.848	nq	99
71) Anthracene	11.42	178	911448	46.829	nq	100
72) Carbazole	11.57	167	739356	38.874	nq	99
73) Di-n-butylphthalate	11.89	149	949104	40.852	nq	99
74) Fluoranthene	12.56	202	1466937	73.328	nq	99
77) Pyrene	12.79	202	1357943	92.831	nq	99
79) Butylbenzylphthalate	13.39	149	309982	44.980	nq	99
80) Benzo(a)anthracene	13.98	228	907536	76.976	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	141302	32.144	nq	96
82) Chrysene	14.02	228	849250	70.129	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	430357	48.550	nq	99
84) Di-n-octyl phthalate	14.57	149	676406	45.668	nq	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	557043	54.149	nq	# 93
87) Benzo(b)fluoranthene	15.03	252	962720	83.491	nq	98
88) Benzo(k)fluoranthene	15.06	252	509097	46.765	nq	98
89) Benzo(a)pyrene	15.40	252	712093	69.020	nq	98
90) Dibenzo(a,h)anthracene	17.09	278	39343	4.643	nq	96
91) Benzo(g,h,i)perylene	17.37	276	440711	53.683	nq	94

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

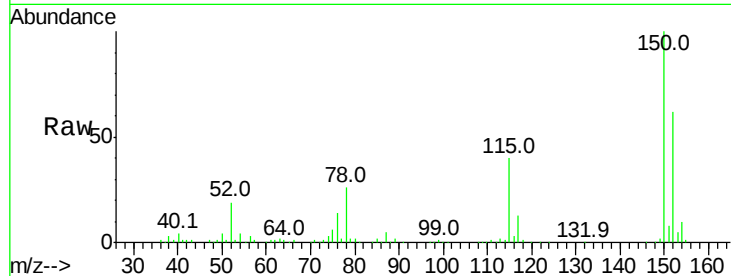


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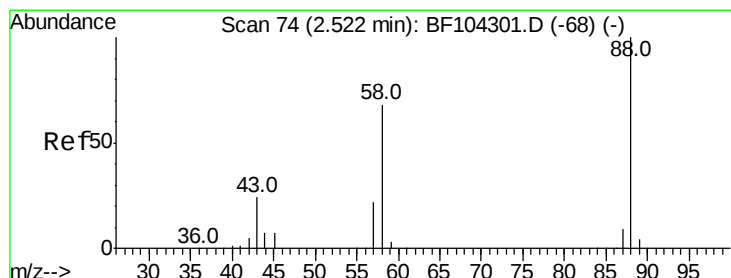
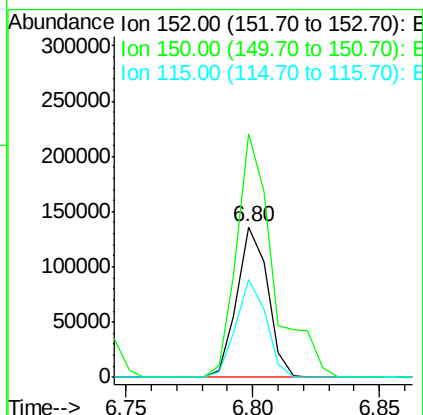
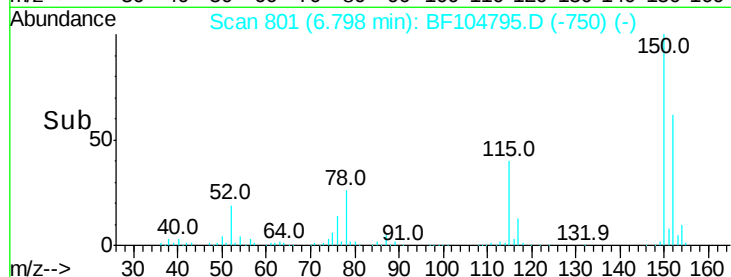
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115439
Ion Ratio Lower Upper
152 100
150 162.0 124.6 186.8
115 65.2 50.1 75.1



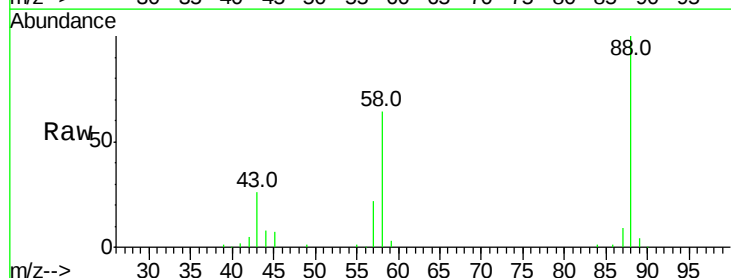
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



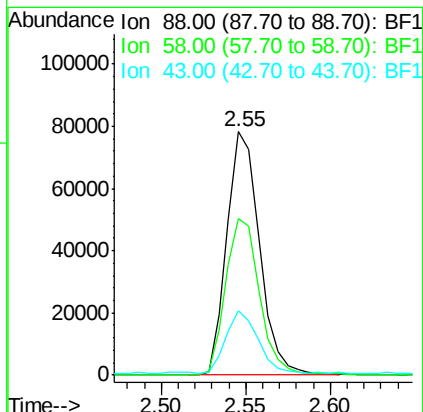
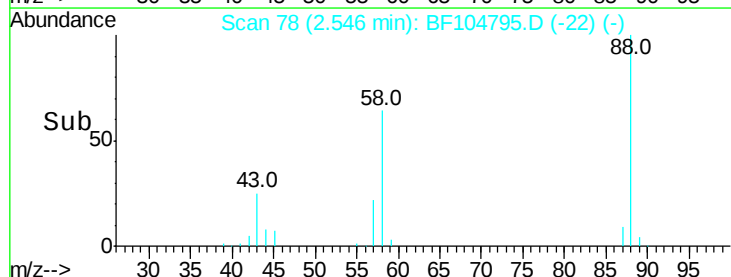
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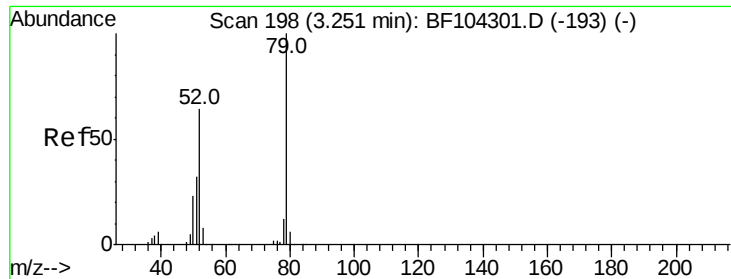
1,4-Dioxane
Concen: 29.963 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.03 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion: 88 Resp: 105406
Ion Ratio Lower Upper
88 100
58 66.4 62.6 93.8
43 25.9 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

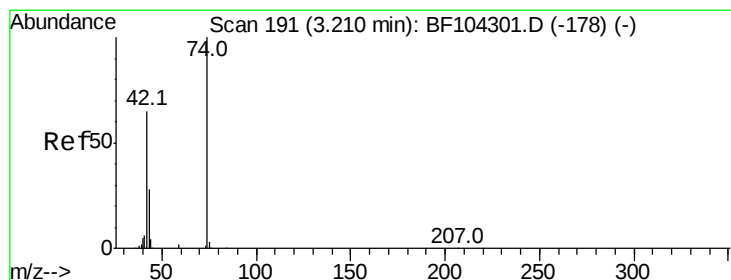
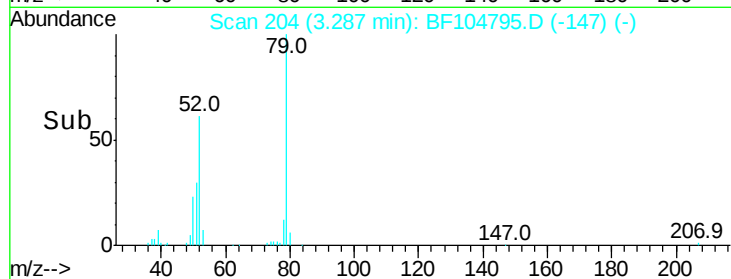
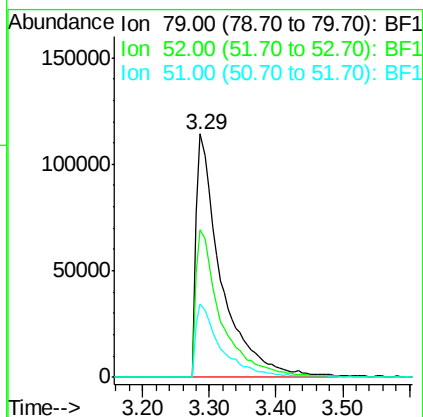
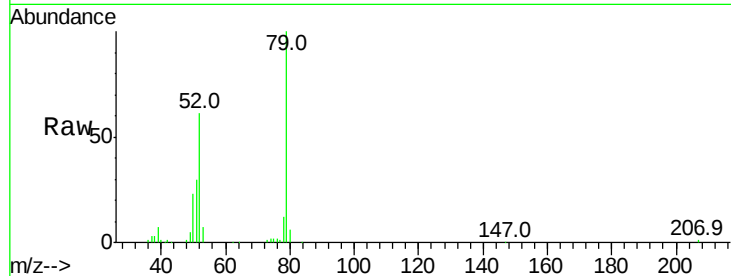




#3
 Pvridine
 Concen: 29.436 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.04 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

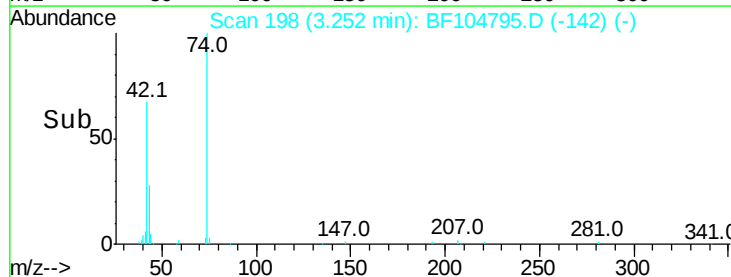
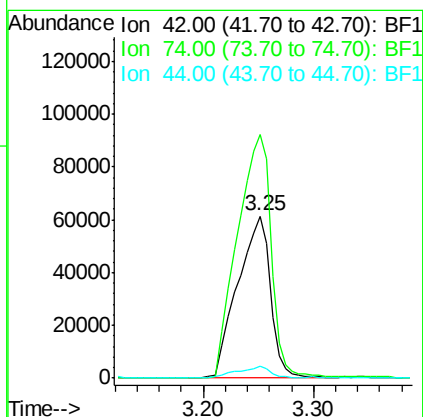
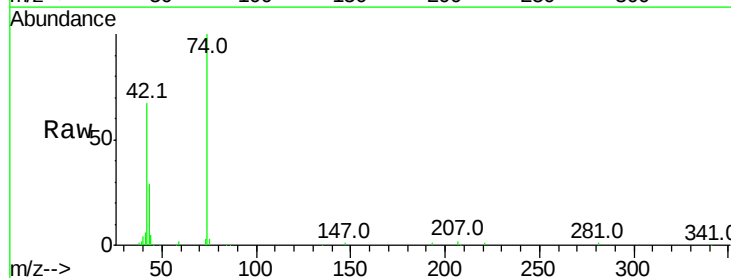
Instrument :
 BNA_F
 ClientSampleId :

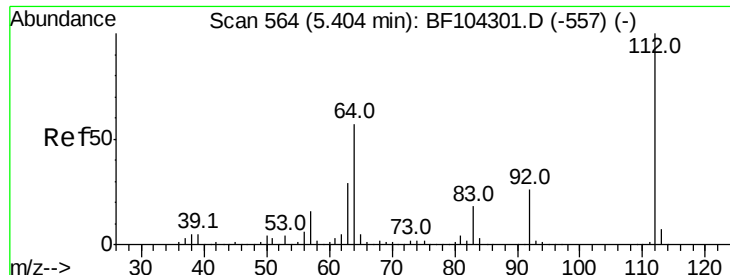
Tot Ion: 79 Resp: 291136
 Ion Ratio Lower Upper
 79 100
 52 60.5 59.8 89.6
 51 30.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.165 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.03 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion: 42 Resp: 128494
 Ion Ratio Lower Upper
 42 100
 74 150.3 104.9 157.3
 44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 111.482 ng

RT: 5.43 min Scan# 568

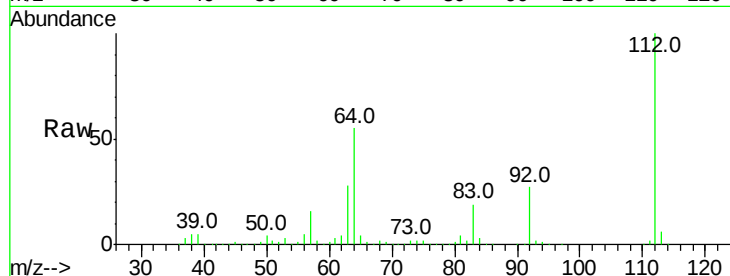
Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :
BNA_F
ClientSampled :

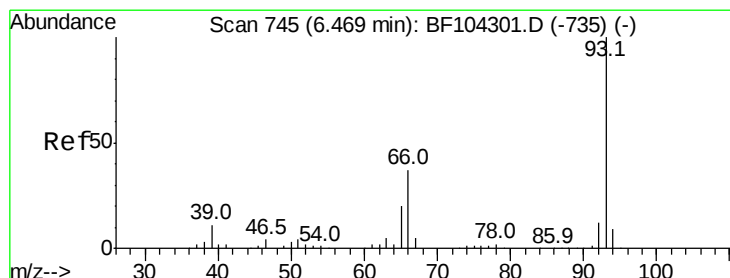
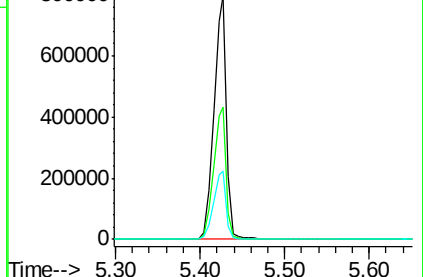
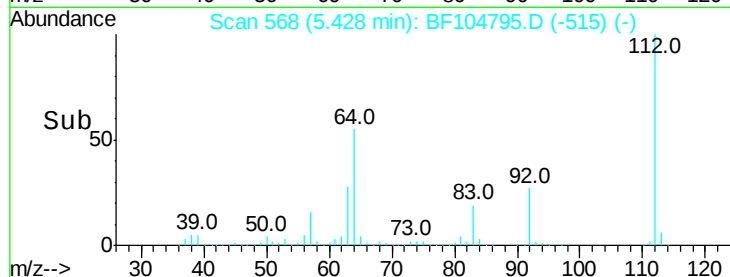
Tot Ion:	112	Resp:	841652
Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	28.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.368 ng

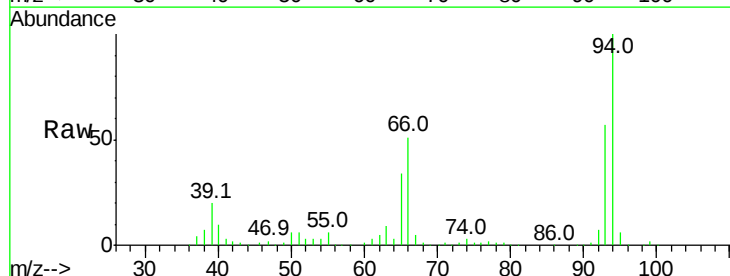
RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

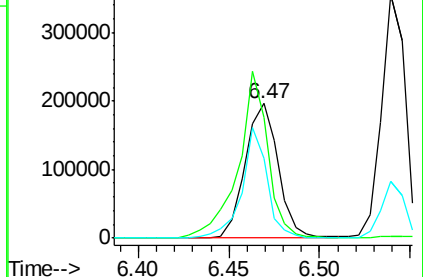
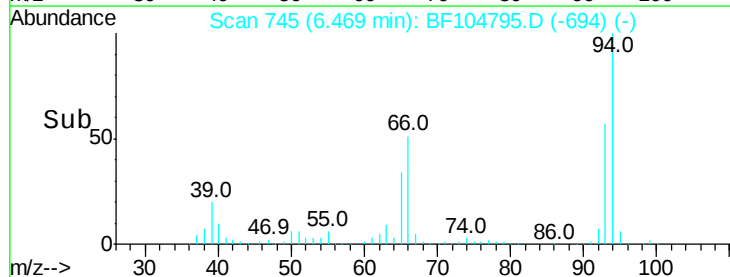
Tgt Ion:	93	Resp:	249606
Ion	Ratio	Lower	Upper
93	100		
66	89.3	32.2	48.2#
65	58.9	16.4	24.6#

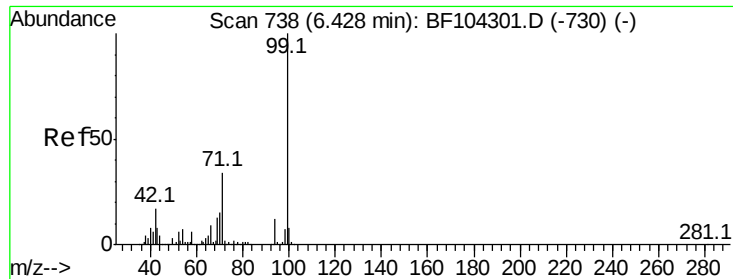


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.431 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

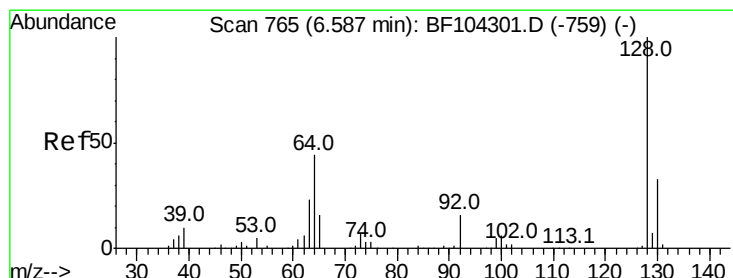
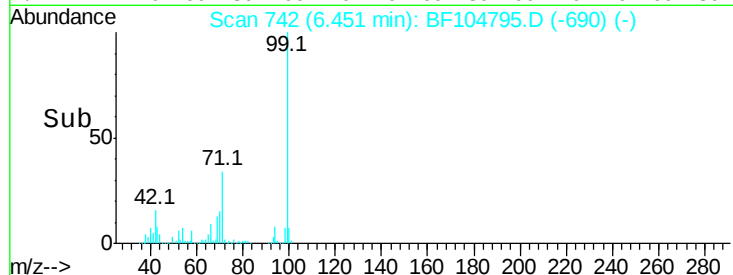
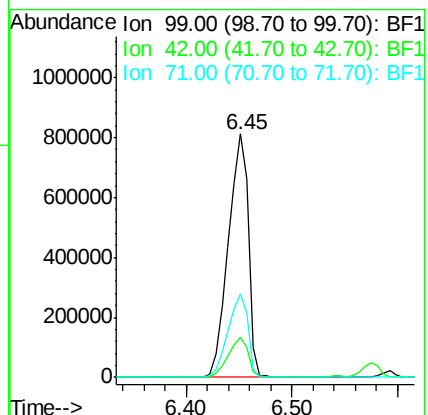
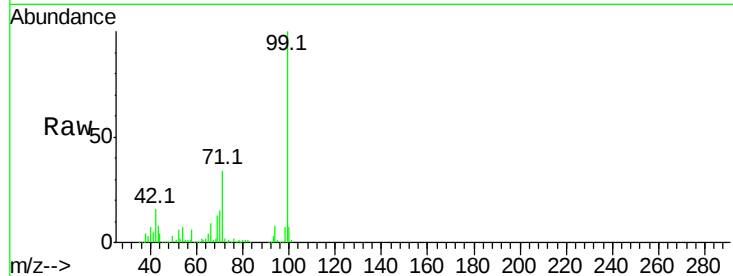
Tot Ion: 99 Resp: 1061473

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 34.4 25.4 38.0



#8

2-Chlorophenol

Concen: 42.504 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

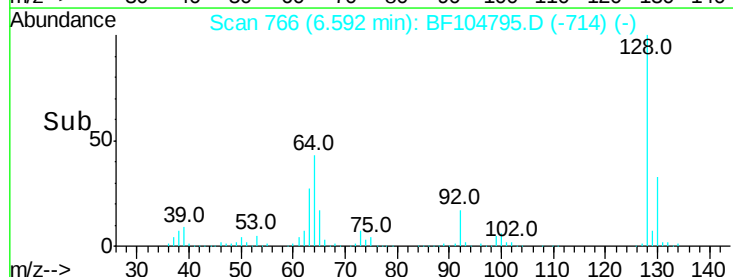
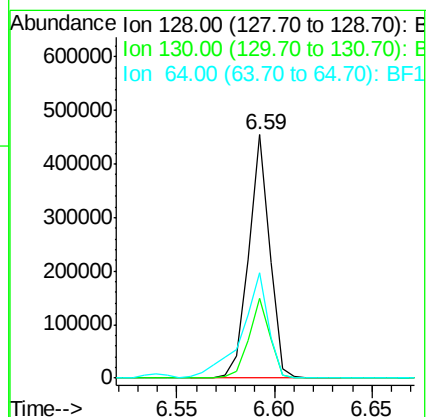
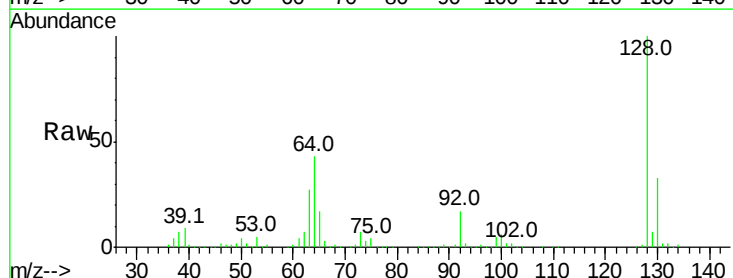
Tgt Ion: 128 Resp: 338695

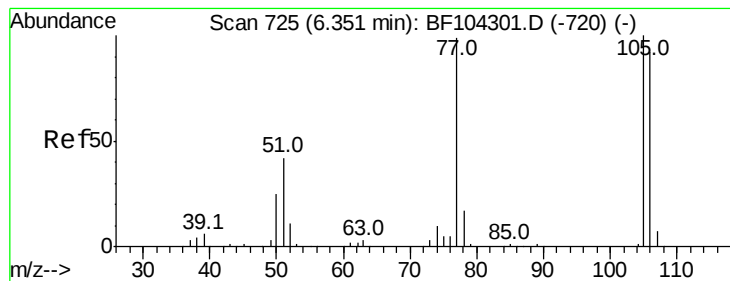
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 43.5 29.4 69.4





#9

Benzaldehyde

Concen: 28.901 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

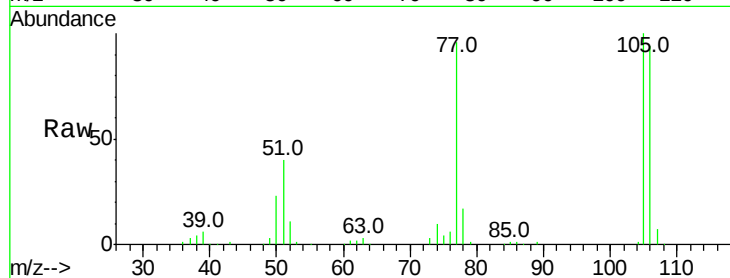
Tot Ion: 77 Resp: 148711

Ion Ratio Lower Upper

77 100

105 104.3 81.1 121.1

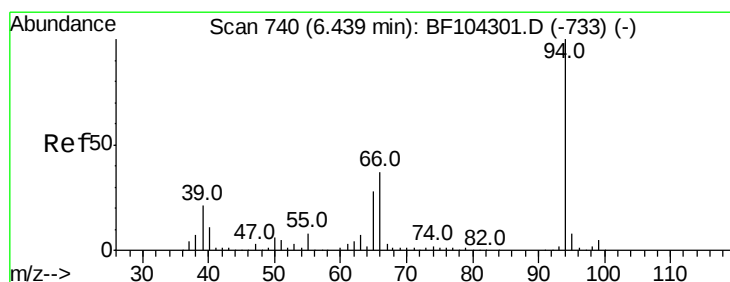
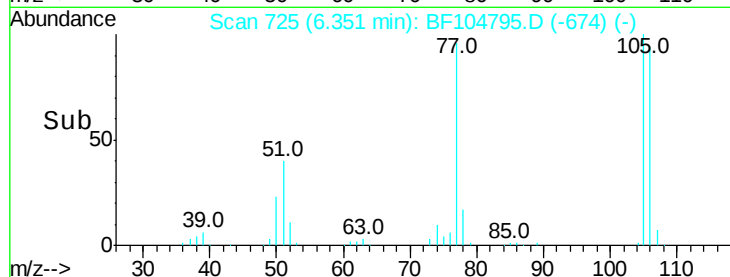
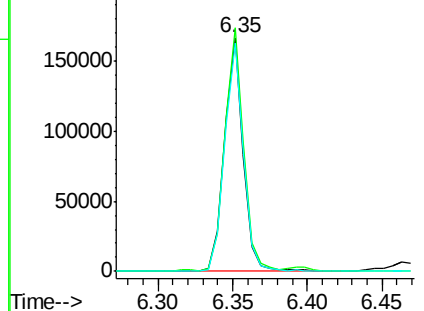
106 98.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.382 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

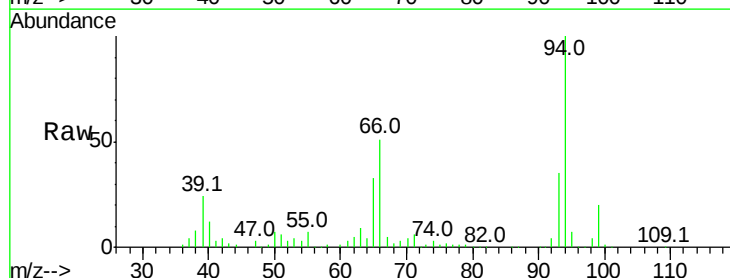
Tgt Ion: 94 Resp: 397455

Ion Ratio Lower Upper

94 100

65 33.4 7.9 47.9

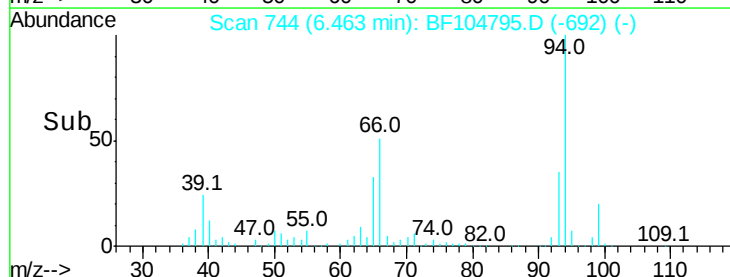
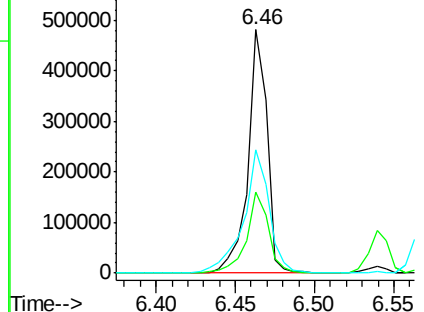
66 50.6 16.2 56.2

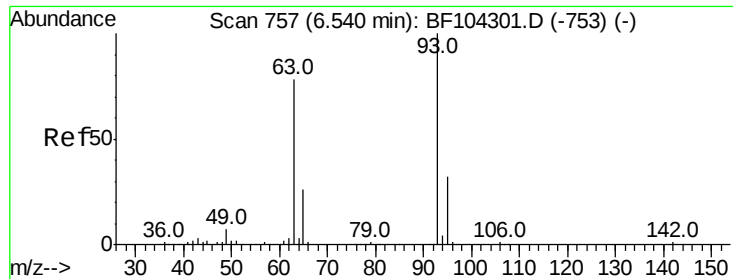


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

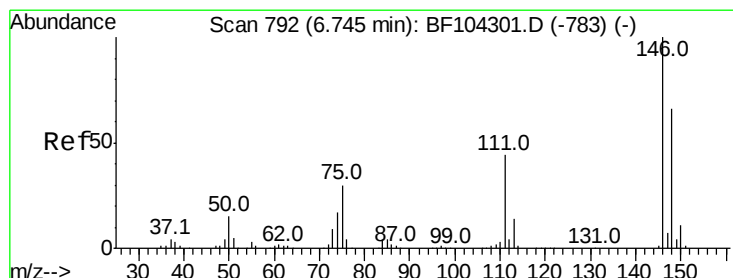
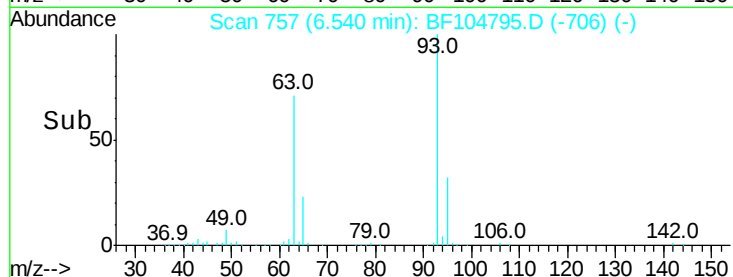
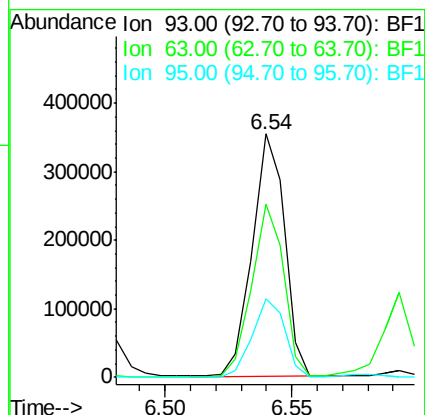
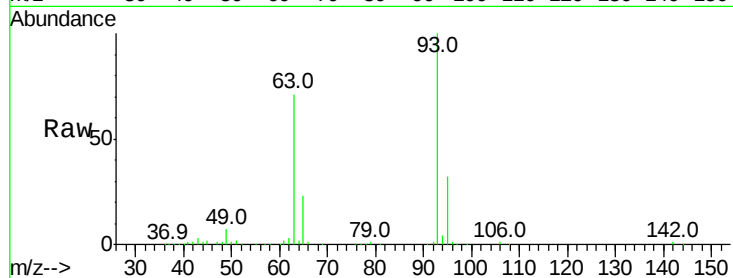




#11
 bis(2-Chloroethyl)ether
 Concen: 40.302 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

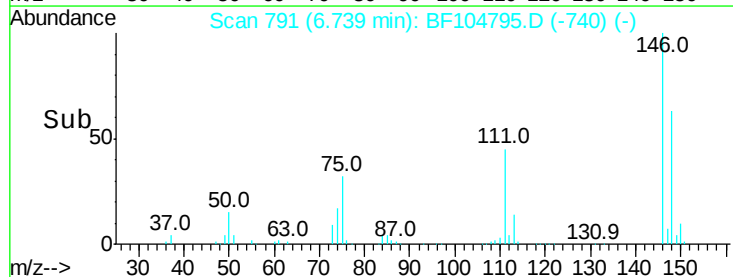
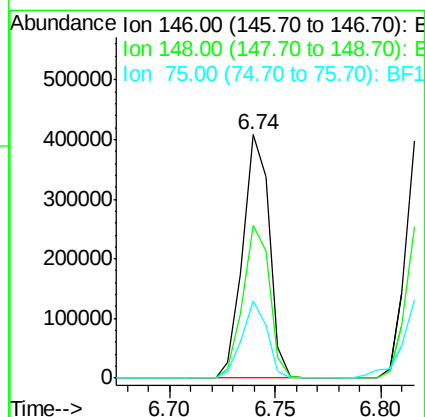
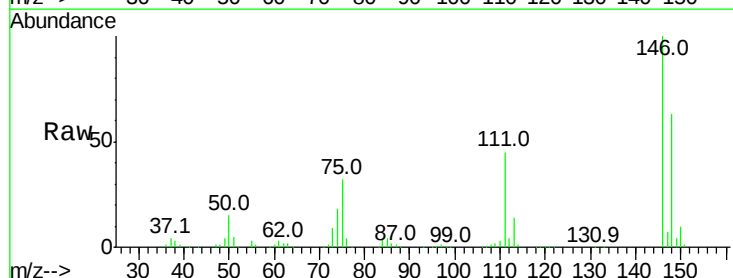
Instrument :
 BNA_F
 ClientSampleId :

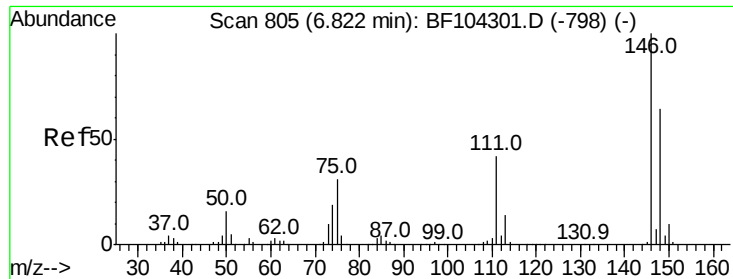
Tot Ion: 93 Resp: 316539
 Ion Ratio Lower Upper
 93 100
 63 71.4 58.6 98.6
 95 32.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.239 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion: 146 Resp: 354228
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.8
 75 31.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.886 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

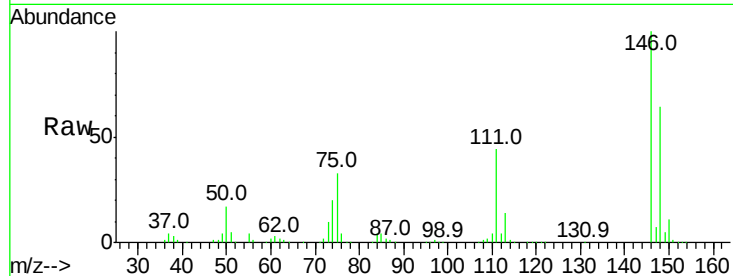
Tot Ion:146 Resp: 358921

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

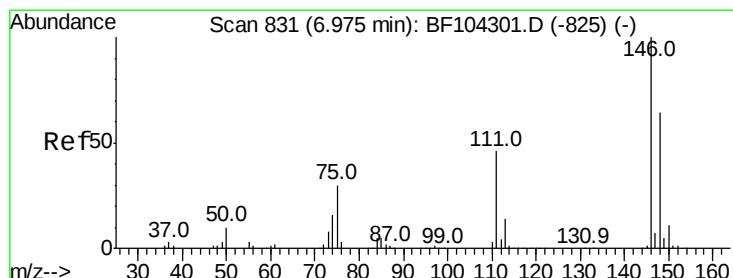
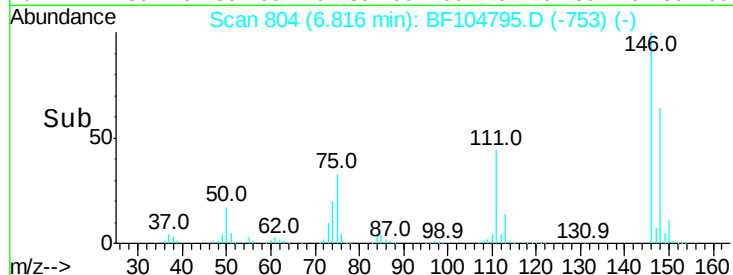
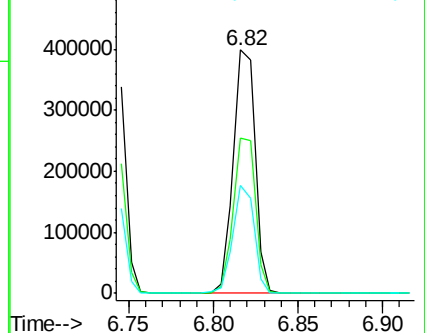
111 44.1 34.2 51.2



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: 39.789 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

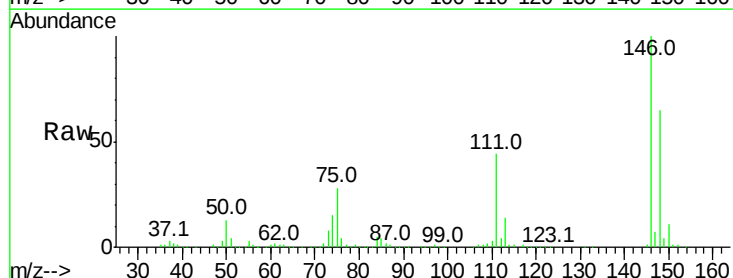
Tgt Ion:146 Resp: 331802

Ion Ratio Lower Upper

146 100

148 65.1 50.6 75.8

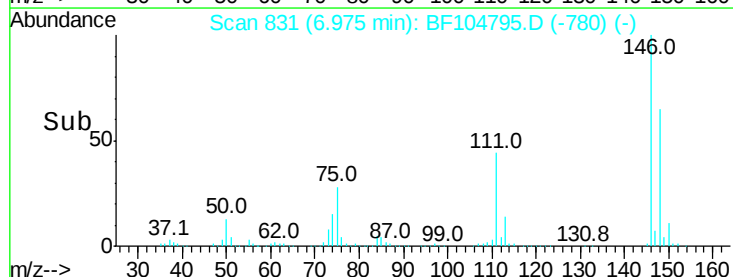
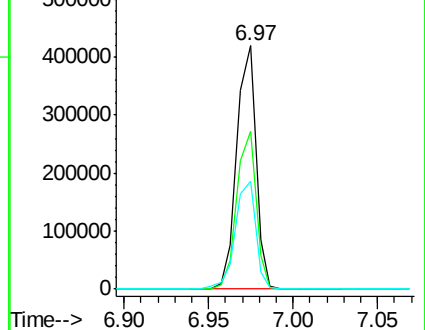
111 44.1 36.0 54.0

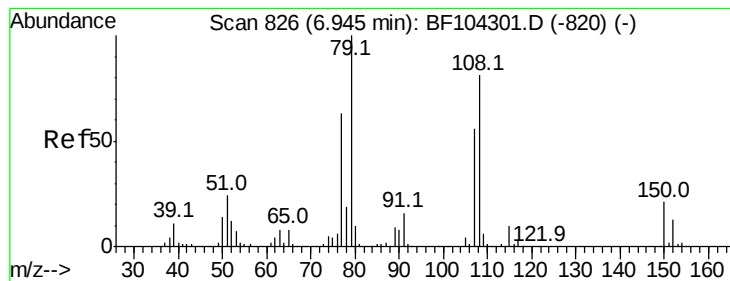


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.479 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampled :

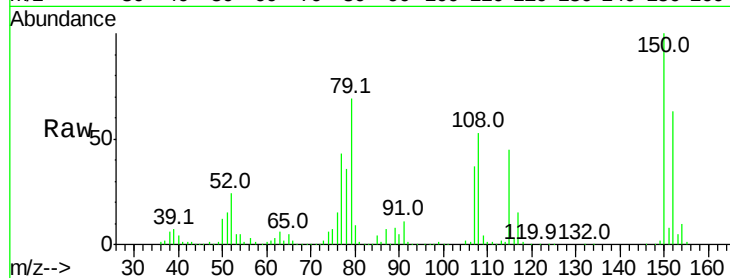
Tot Ion: 79 Resp: 278145

Ion Ratio Lower Upper

79 100

108 77.2 65.1 97.7

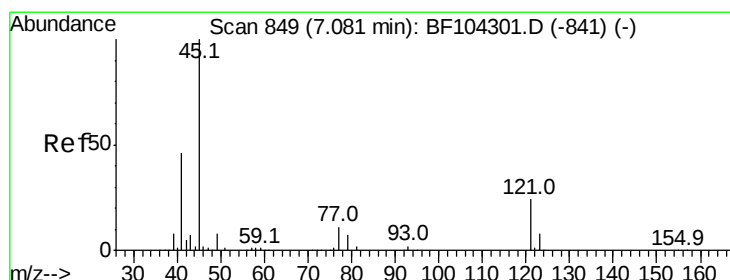
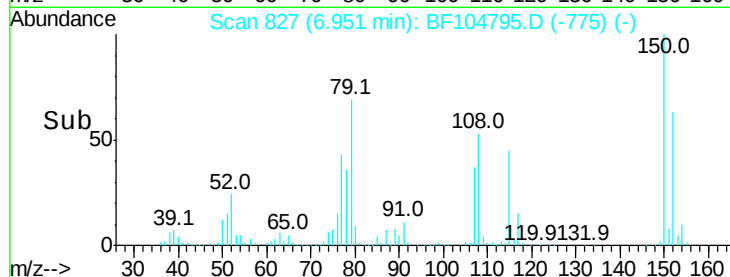
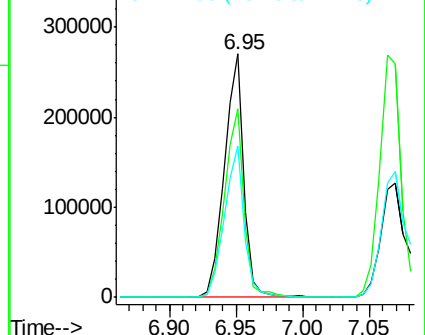
77 62.1 50.6 75.8



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: 34.623 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

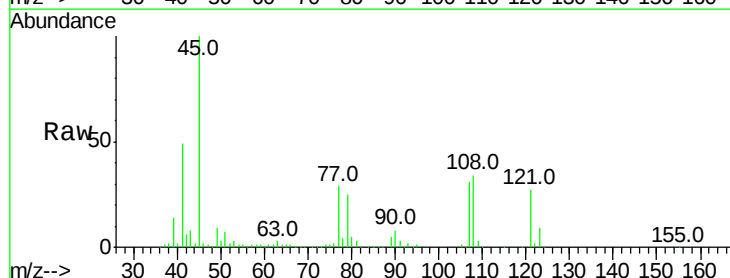
Tgt Ion: 45 Resp: 365202

Ion Ratio Lower Upper

45 100

77 29.4 0.0 32.9

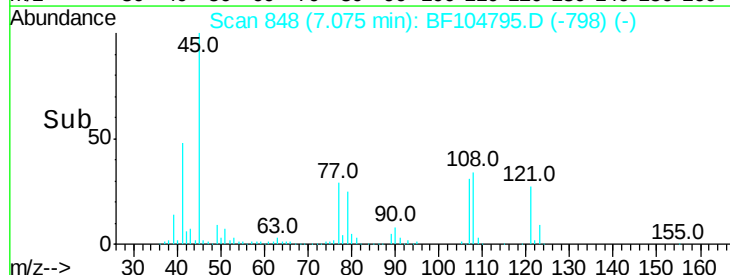
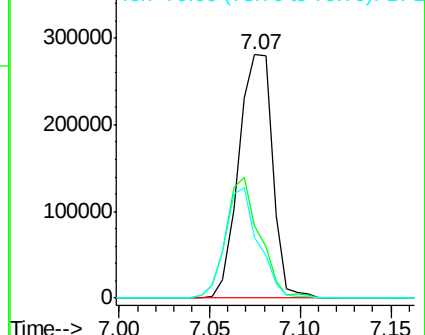
79 24.9 0.0 29.6

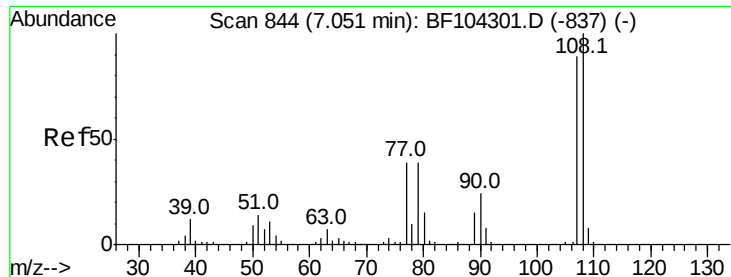


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

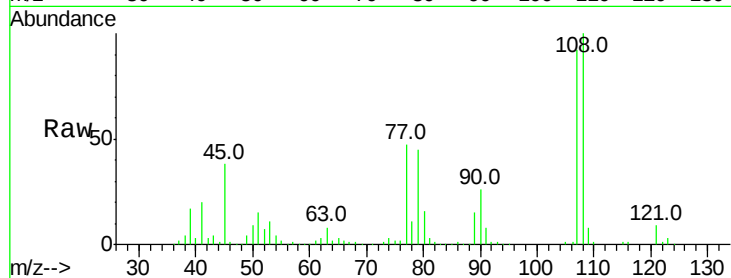




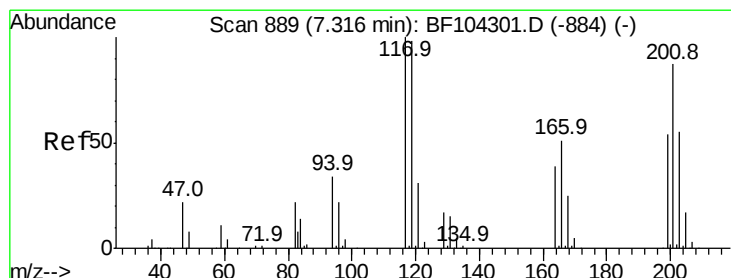
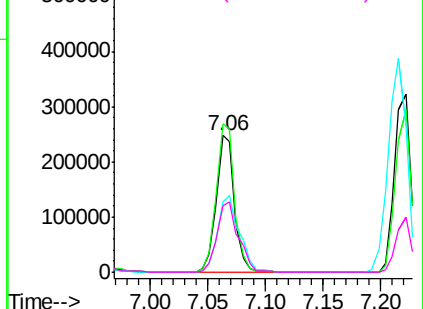
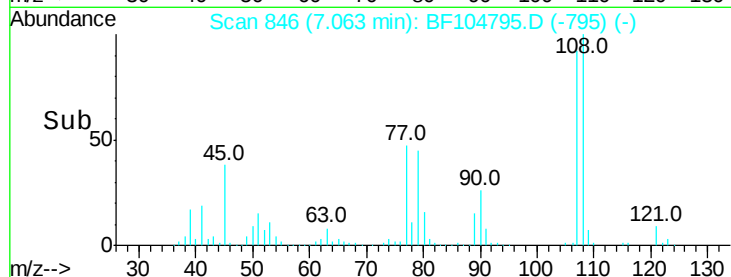
#17
2-Methylphenol
Concen: 39.413 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 272999
Ion Ratio Lower Upper
107 100
108 108.5 91.7 137.5
77 51.5 33.8 50.8#
79 48.6 33.8 50.8

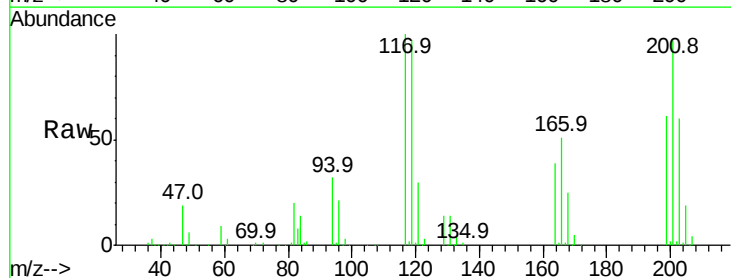


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

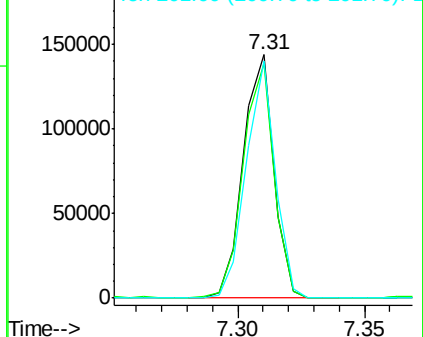
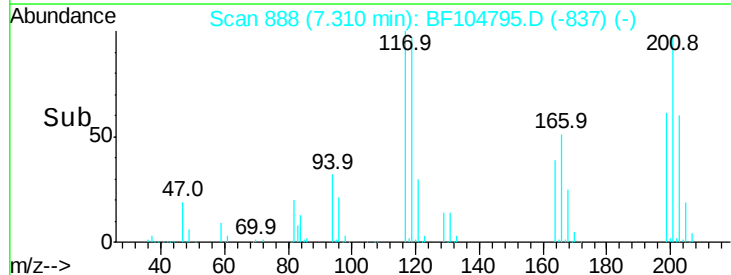


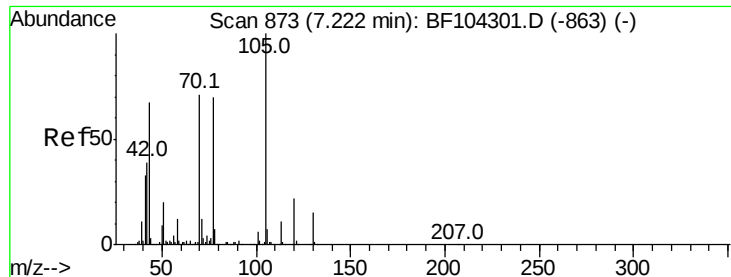
#18
Hexachloroethane
Concen: 37.591 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion:117 Resp: 120608
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 97.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

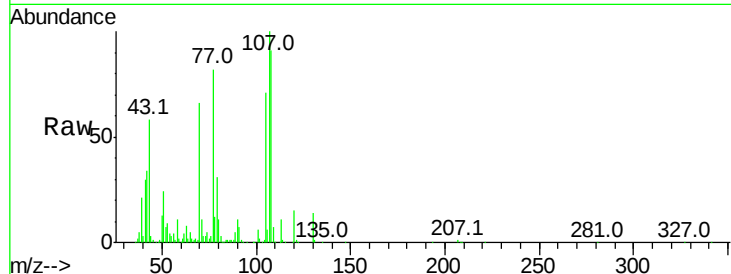




#19
n-Nitroso-di-n-propylamine
Concen: 36.031 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	9.9	7.4	11.2
130	21.8	16.6	25.0



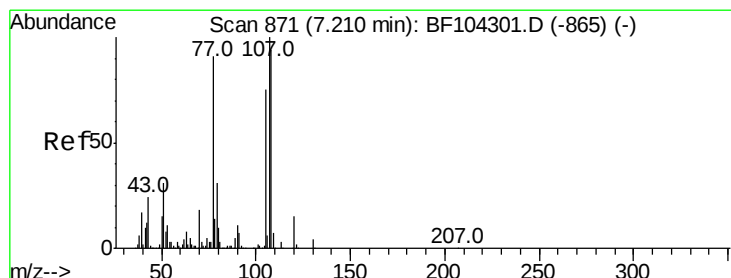
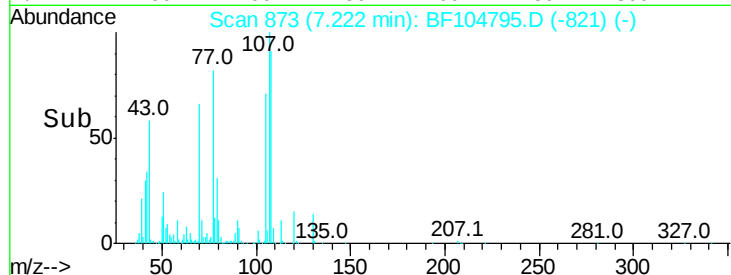
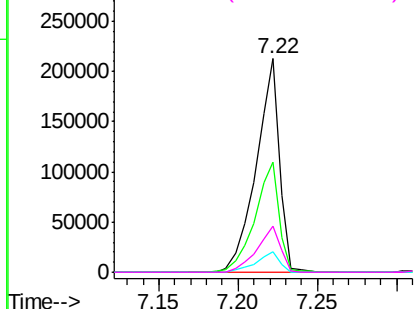
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.879 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	81.7	26.7	66.7
79	31.0	6.3	46.3

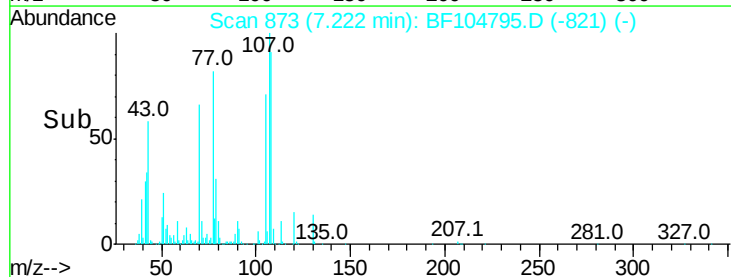
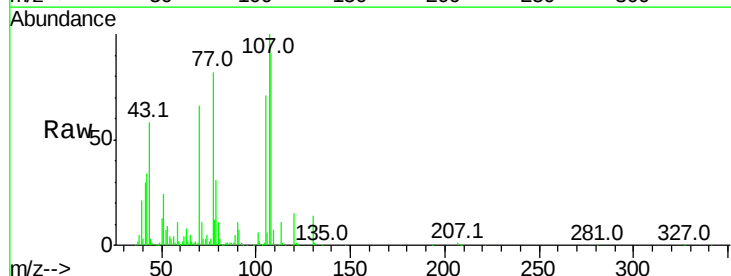
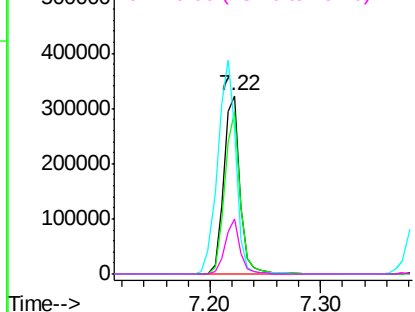
Abundance

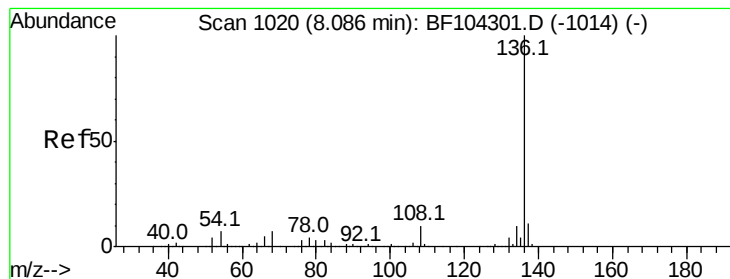
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

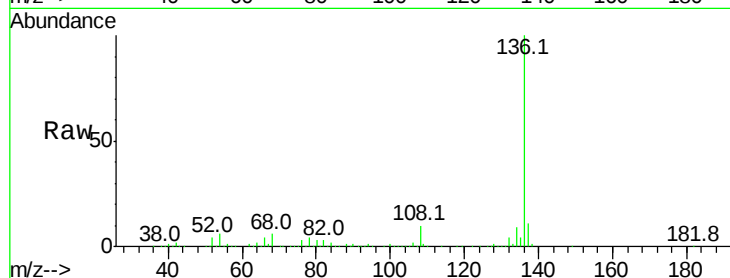
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 484828

Ion Ratio Lower Upper

136	100		
137	11.1	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4

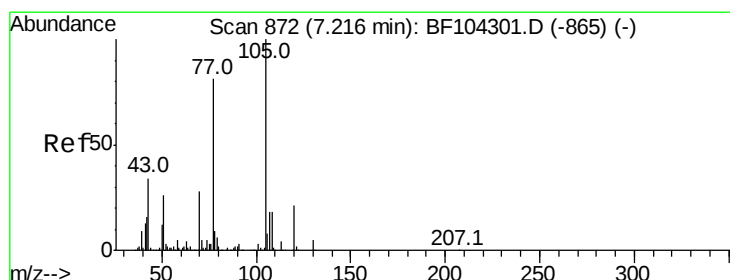
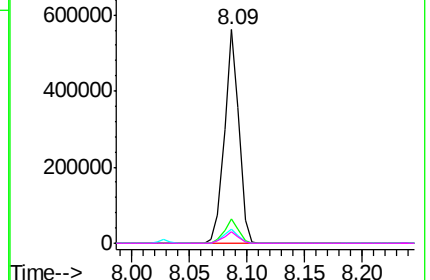
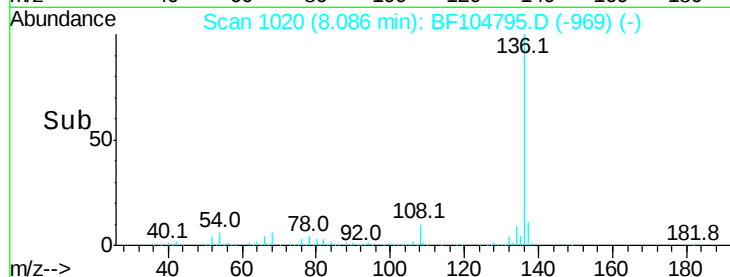


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.529 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

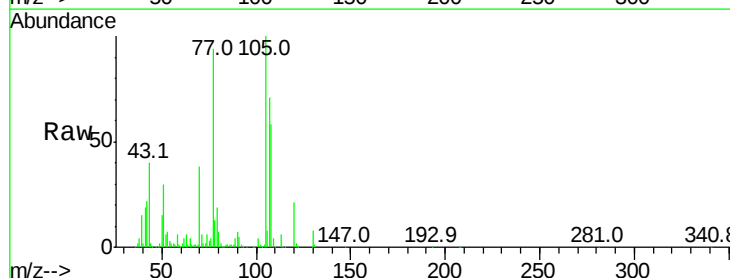
Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Tgt Ion:105 Resp: 459892

Ion Ratio Lower Upper

105	100		
71	6.5	4.4	6.6
51	29.8	22.3	33.5
120	20.8	16.9	25.3

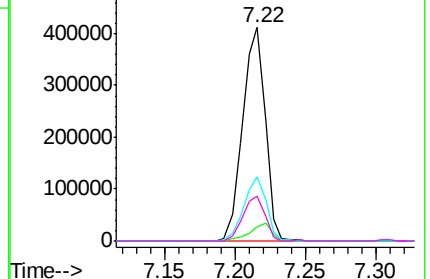
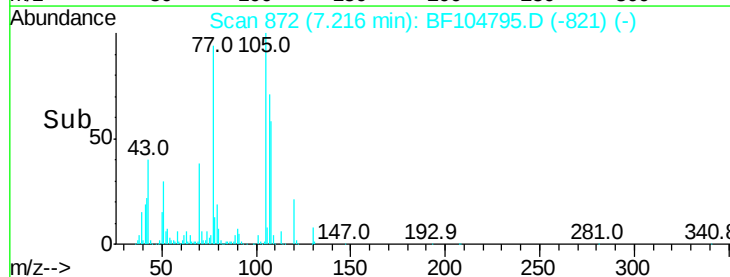


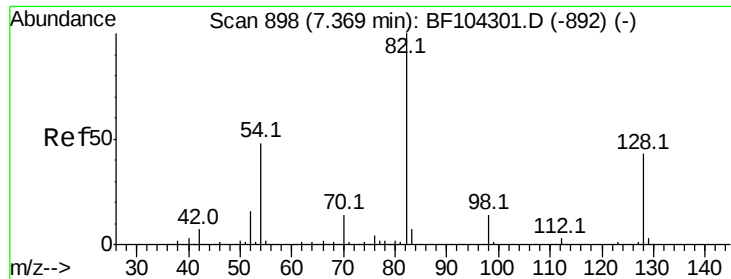
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.705 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampled :

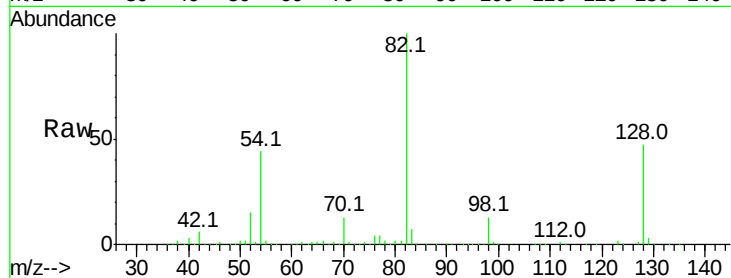
Tot Ion: 82 Resp: 680894

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

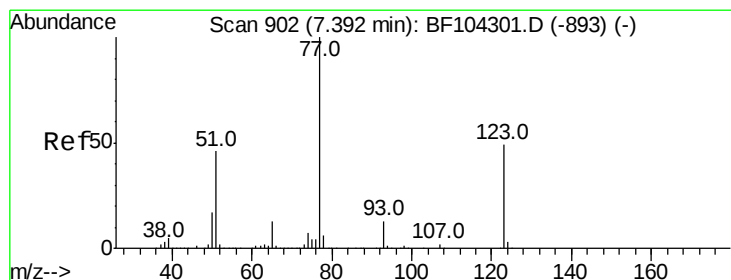
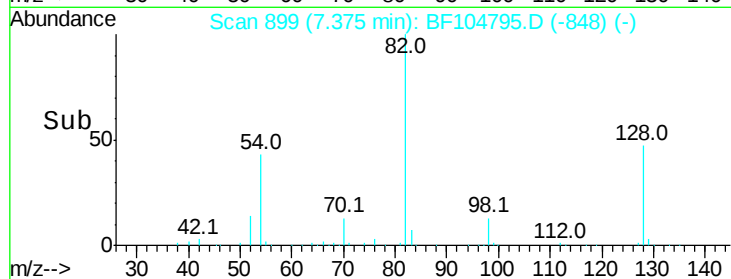
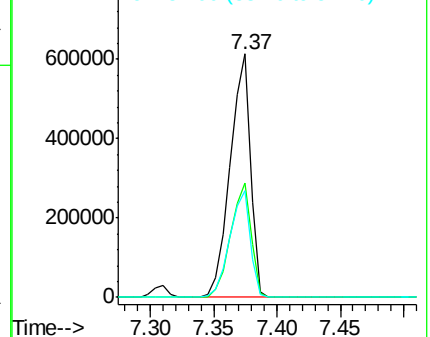
54 43.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.878 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

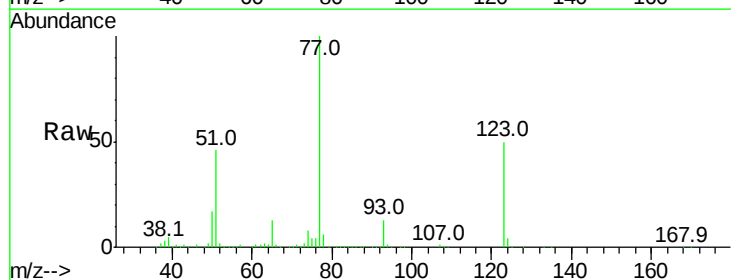
Tgt Ion: 77 Resp: 343294

Ion Ratio Lower Upper

77 100

123 50.0 37.9 56.9

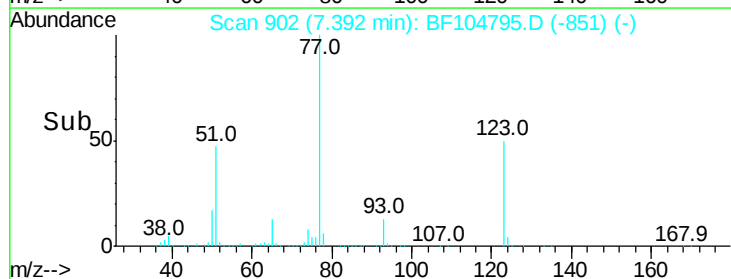
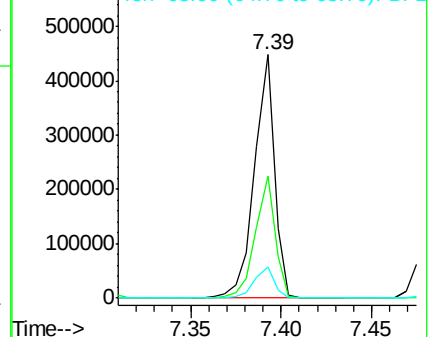
65 13.0 11.0 16.4

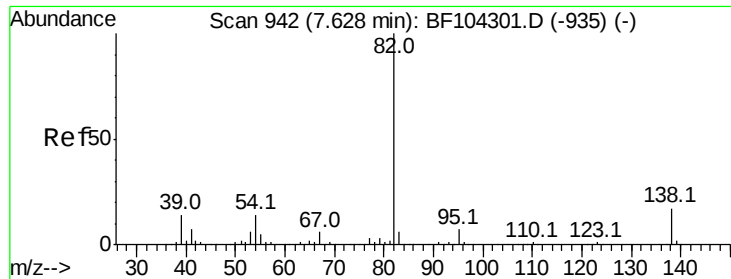


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.200 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

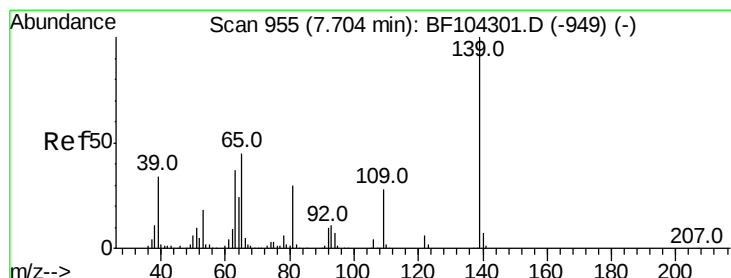
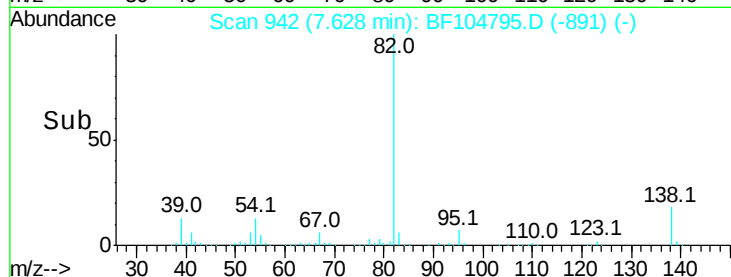
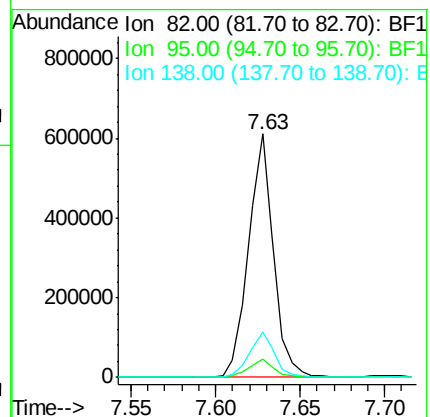
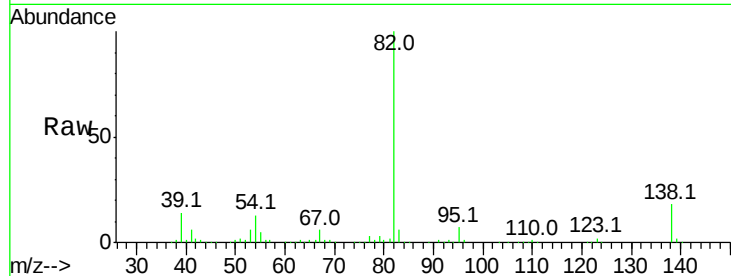
Tot Ion: 82 Resp: 631168

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 55.373 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

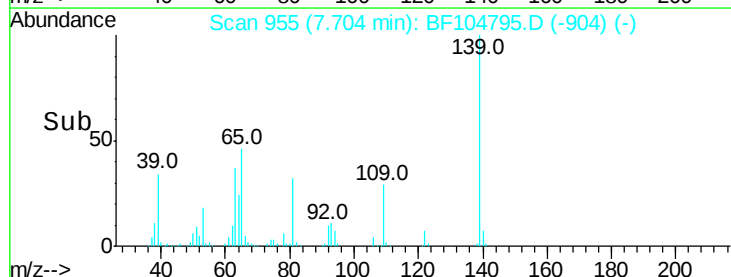
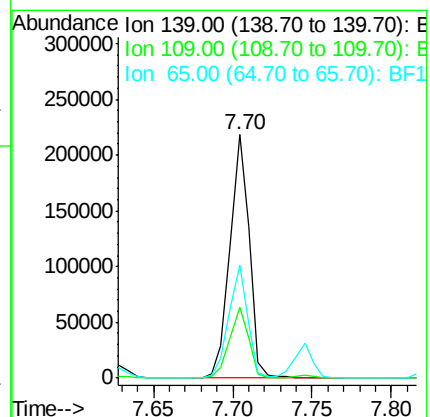
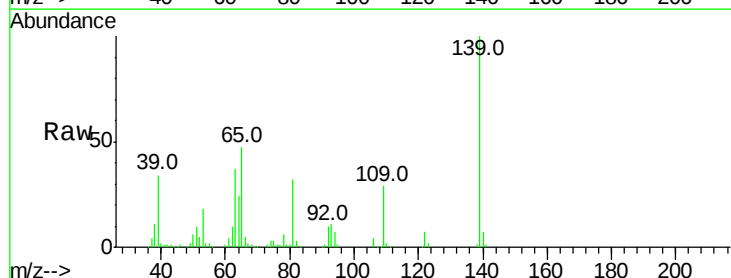
Tgt Ion:139 Resp: 184792

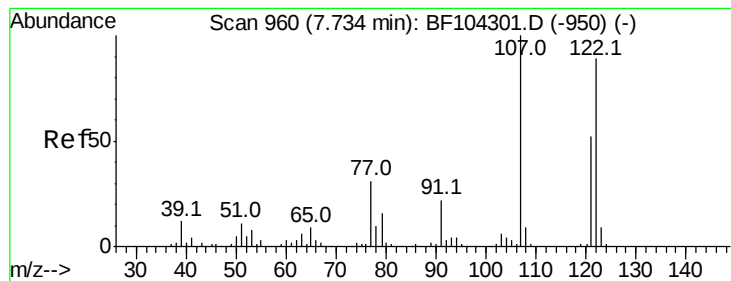
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 46.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.809 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampled :

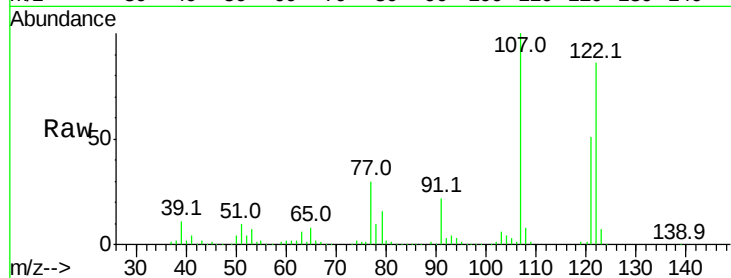
Tot Ion:122 Resp: 275852

Ion Ratio Lower Upper

122 100

107 116.7 91.2 136.8

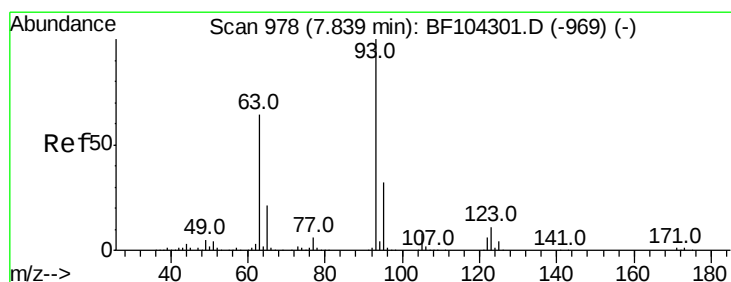
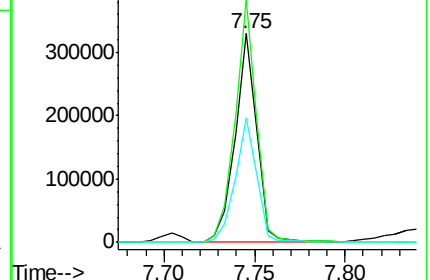
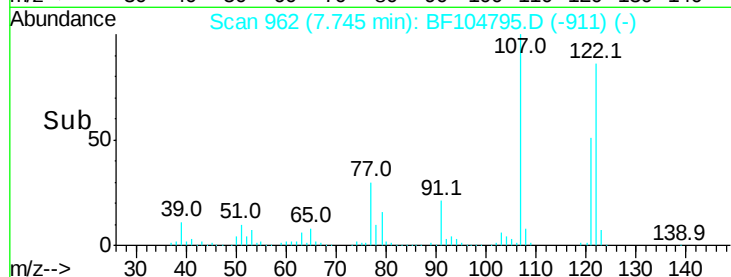
121 60.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.849 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

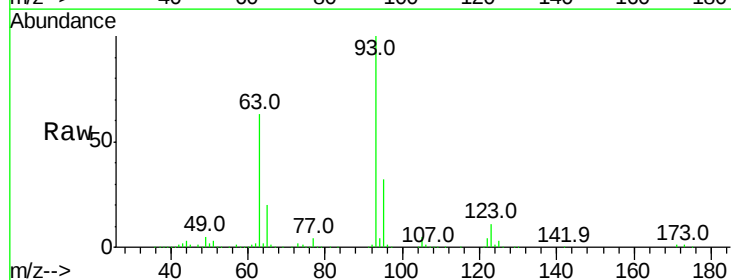
Tgt Ion: 93 Resp: 411340

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

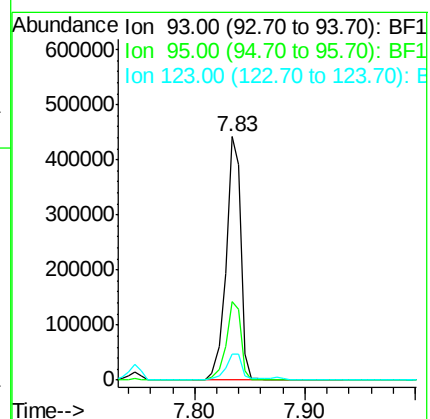
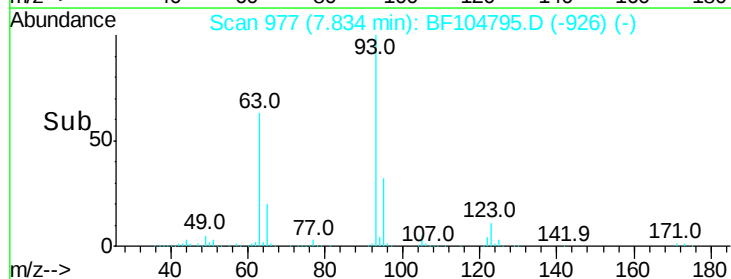
123 10.8 9.8 14.6

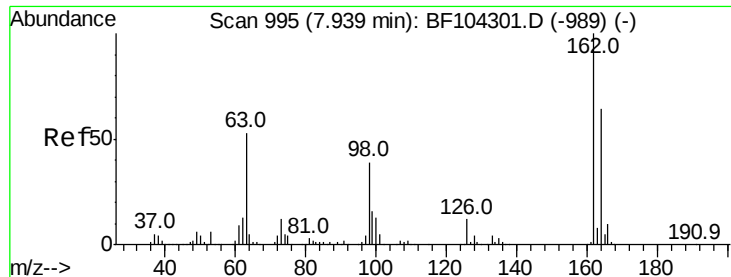


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

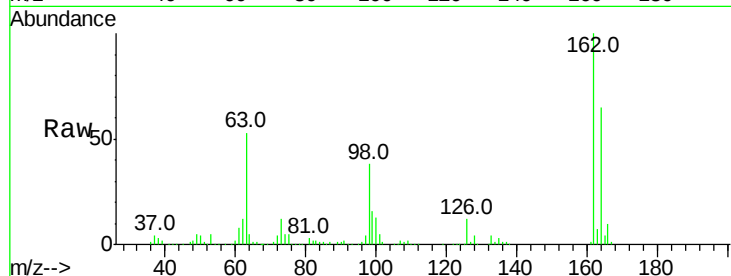




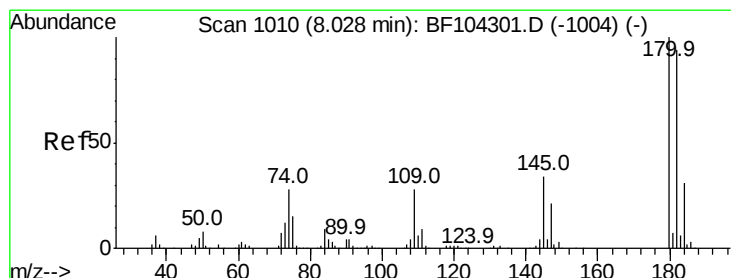
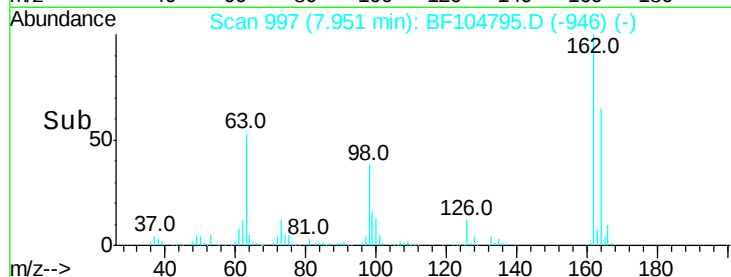
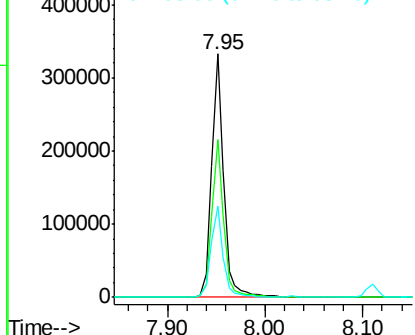
#29
2,4-Dichlorophenol
Concen: 43.093 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 284914
Ion Ratio Lower Upper
162 100
164 64.6 42.7 82.7
98 37.8 18.1 58.1

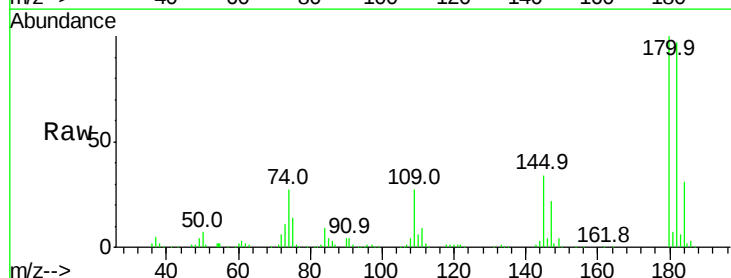


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

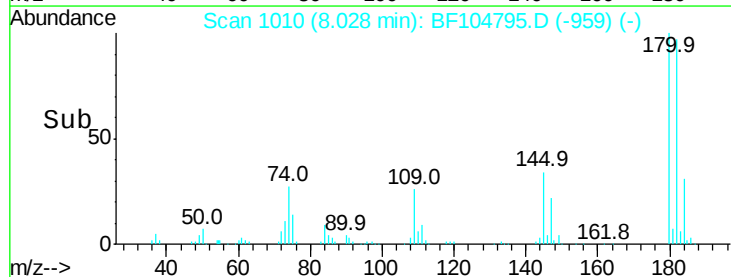
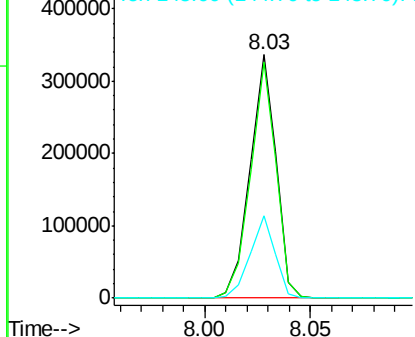


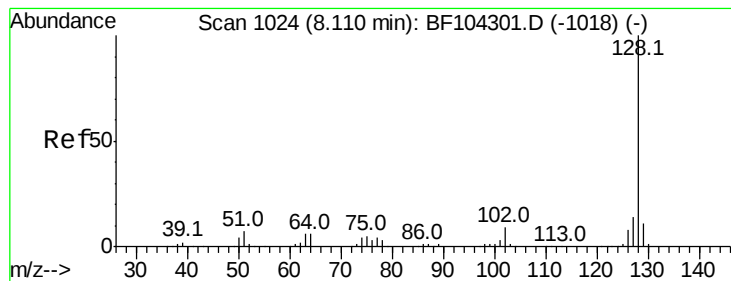
#30
1,2,4-Trichlorobenzene
Concen: 39.633 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion:180 Resp: 287574
Ion Ratio Lower Upper
180 100
182 97.1 76.8 115.2
145 33.6 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: 41.114 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

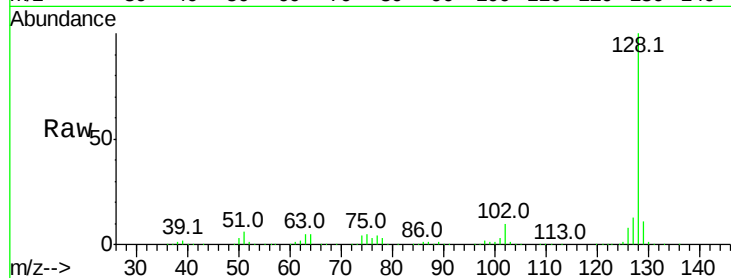
Tot Ion:128 Resp: 992556

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

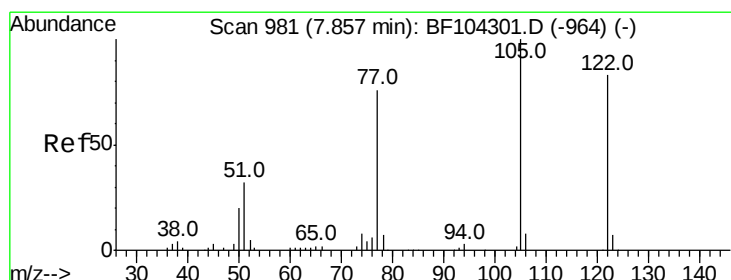
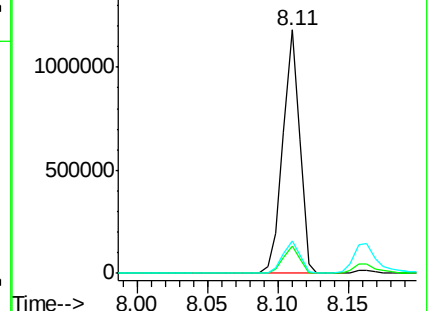
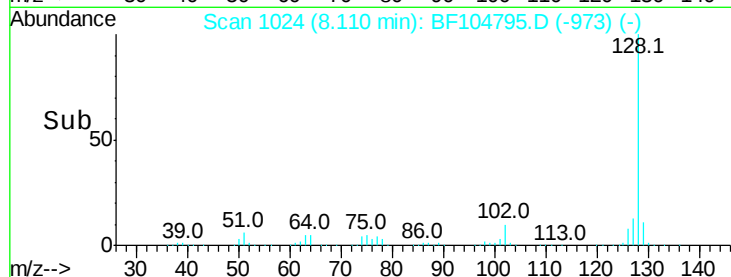
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.143 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

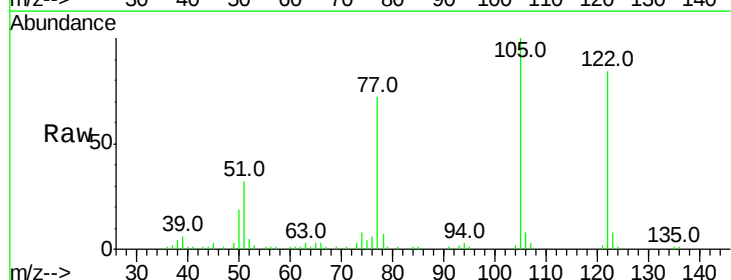
Tgt Ion:122 Resp: 127955

Ion Ratio Lower Upper

122 100

105 119.6 101.1 141.1

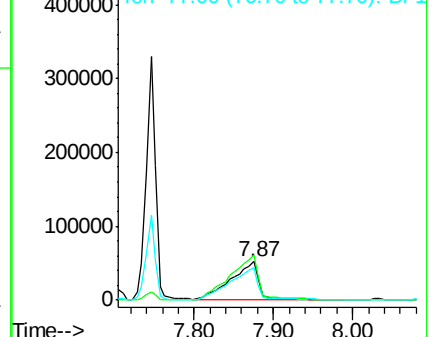
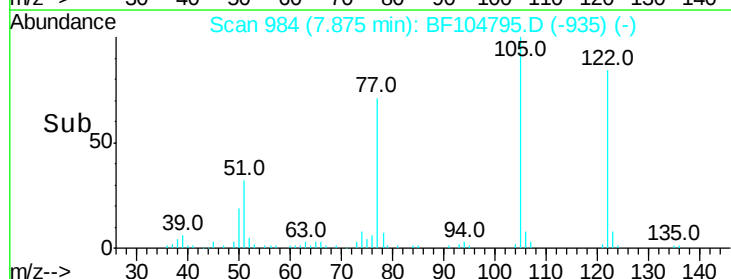
77 86.0 70.7 110.7

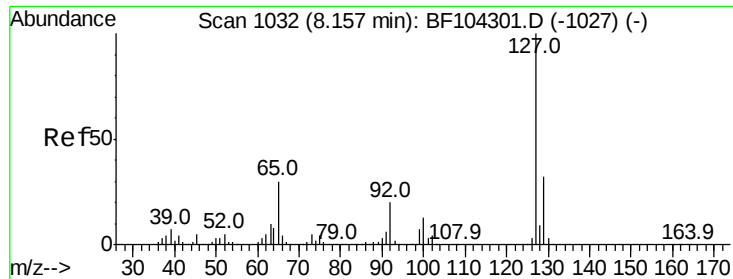


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

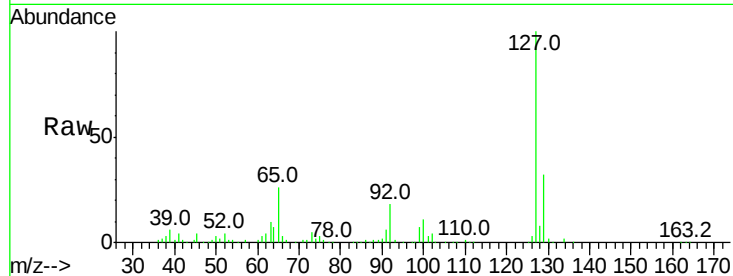




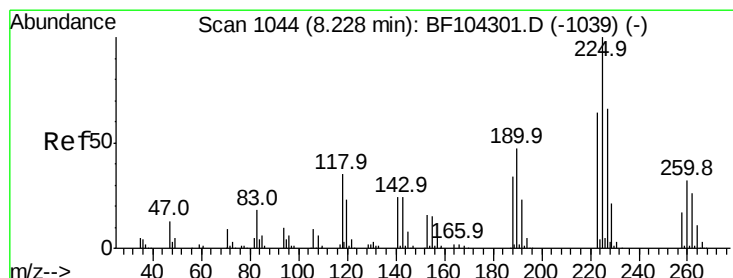
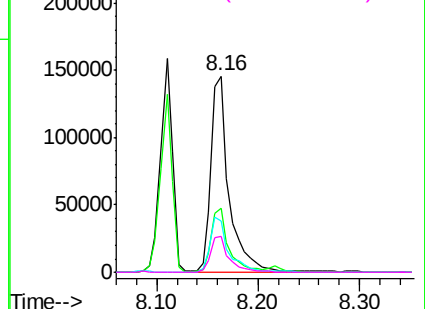
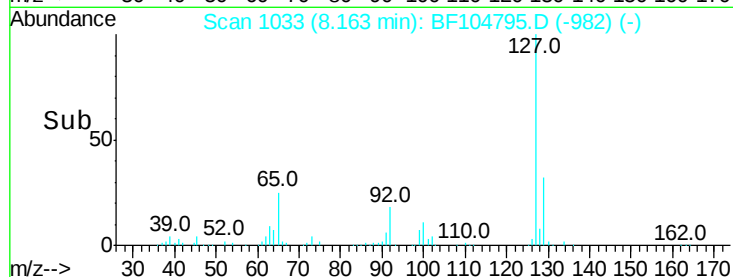
#33
4-Chloroaniline
Concen: 17.388 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	179844
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	26.4	25.0	37.4
92	18.0	15.2	22.8

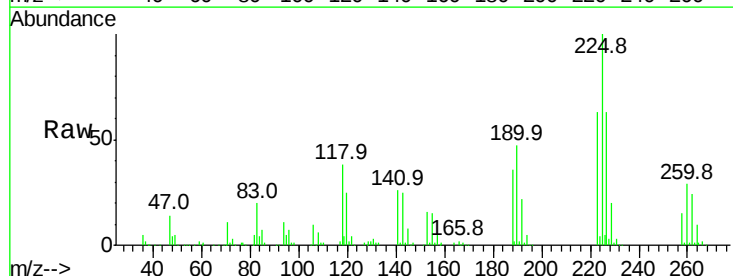


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

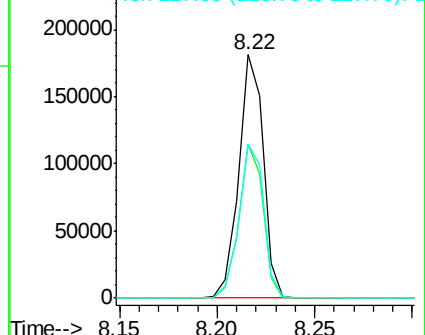
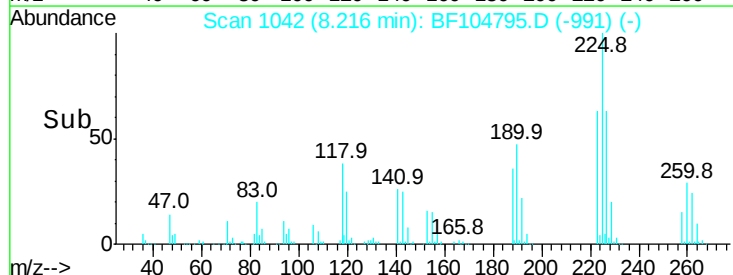


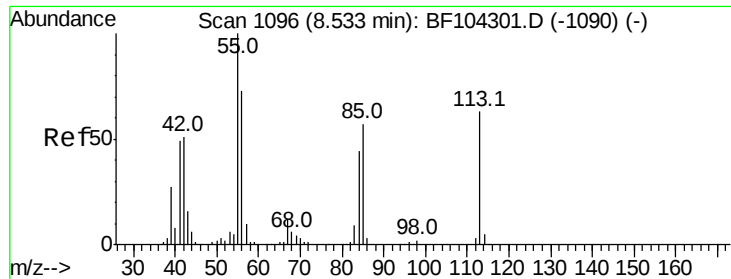
#34
Hexachlorobutadiene
Concen: 39.658 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion:	225	Resp:	157614
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.1	51.9	77.9



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

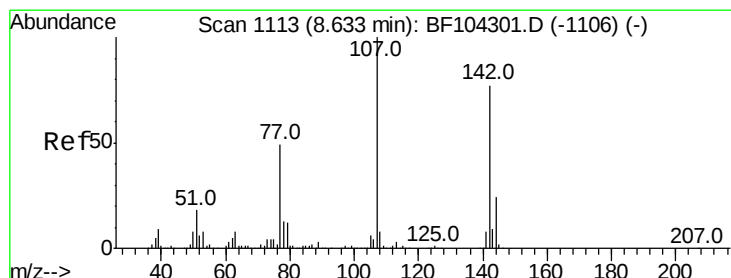
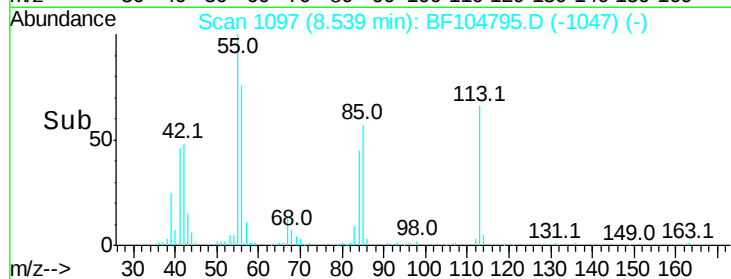
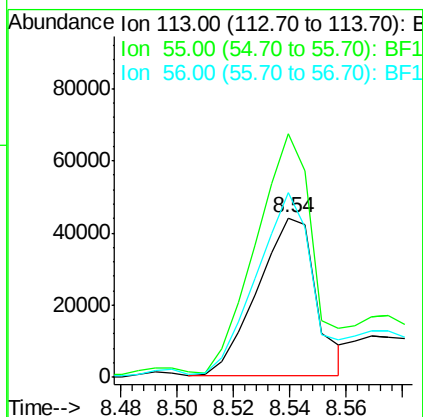
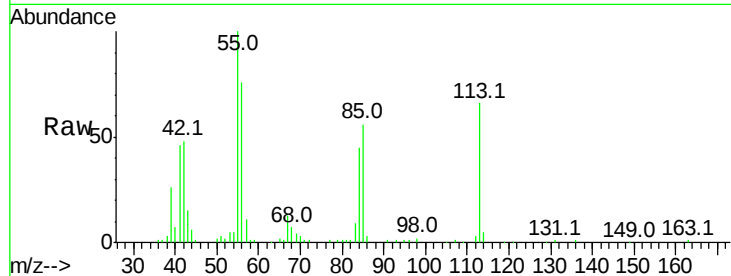




#35
 Caprolactam
 Concen: 27.206 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

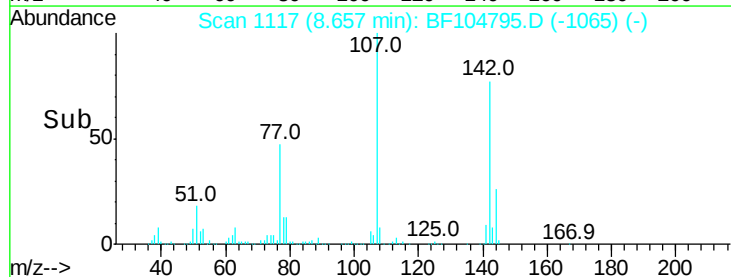
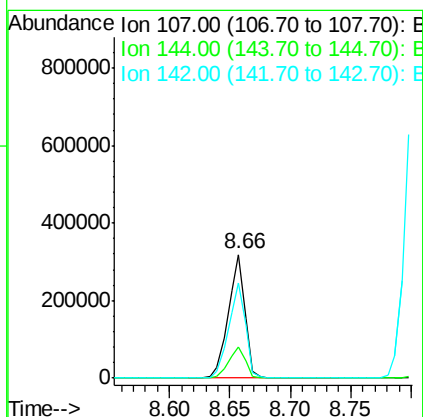
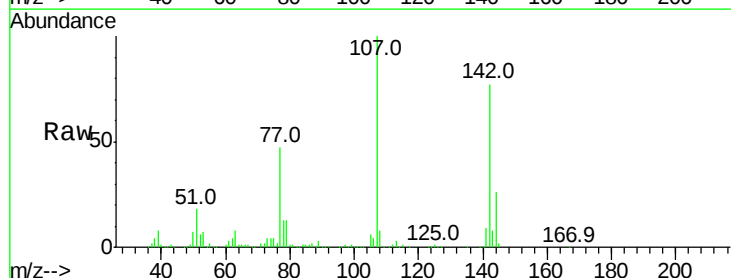
Instrument :
 BNA_F
 ClientSampleId :

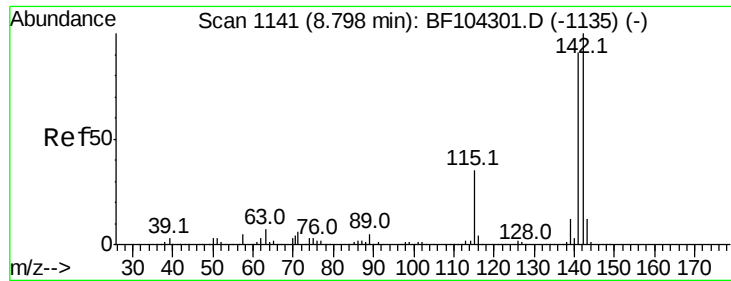
Tot Ion:113 Resp: 62749
 Ion Ratio Lower Upper
 113 100
 55 152.7 163.3 203.3#
 56 115.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.966 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion:107 Resp: 304604
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 77.4 62.0 93.0

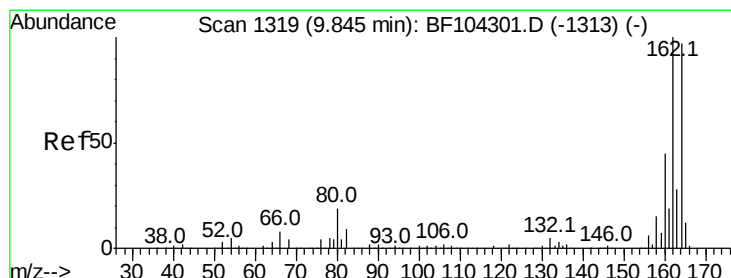
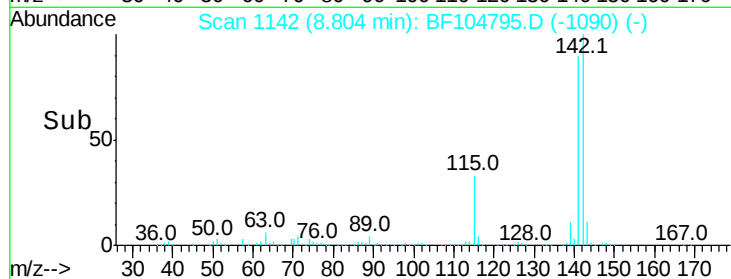
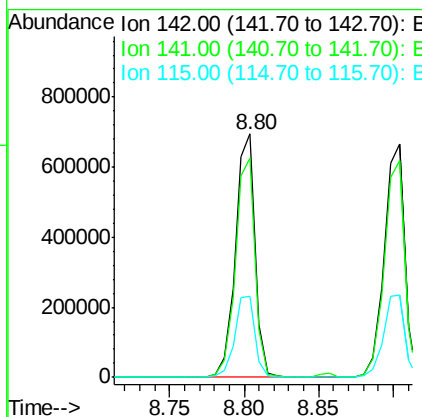
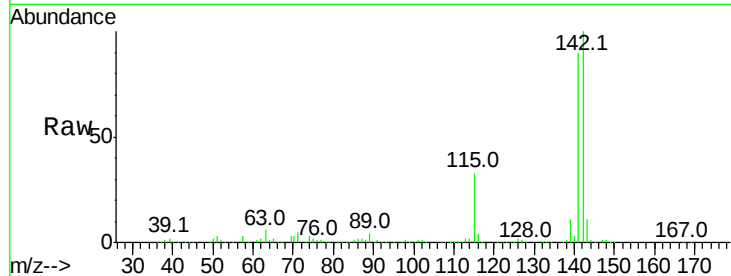




#37
2-Methylnaphthalene
Concen: 41.035 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

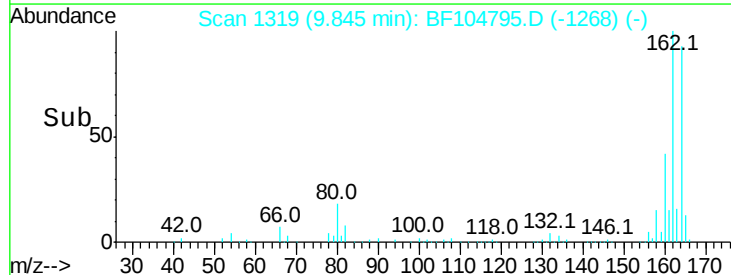
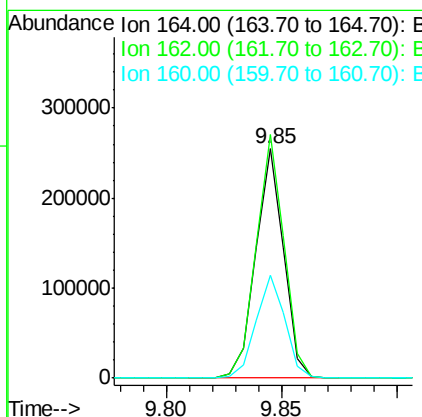
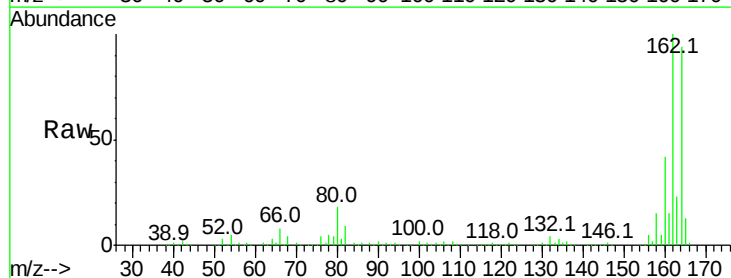
Instrument :
BNA_F
ClientSampled :

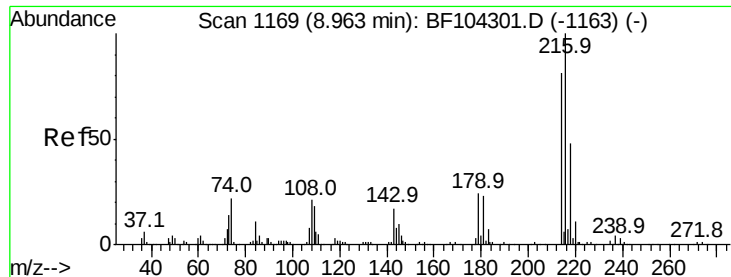
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	33.4	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	45.1	38.3	57.5

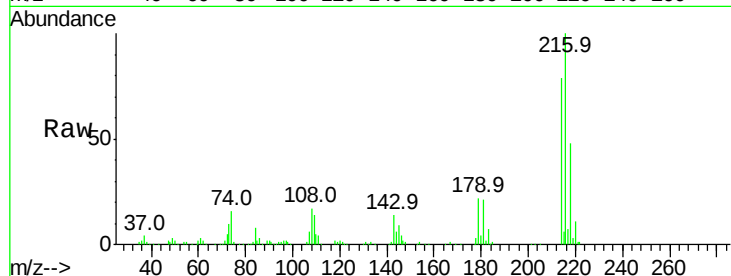




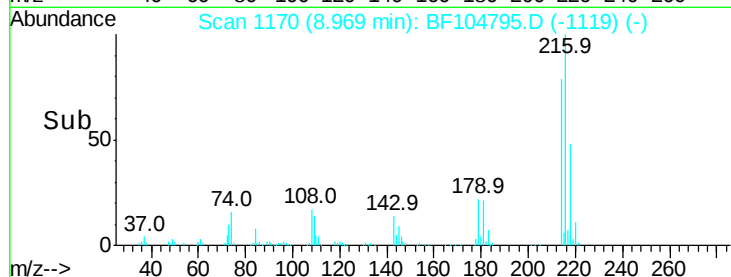
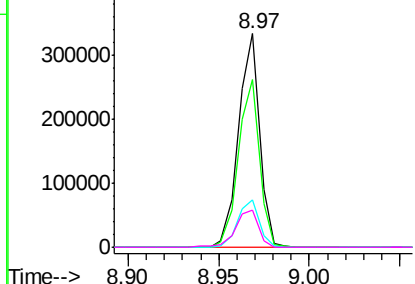
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.054 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	270318
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.8	18.1	27.1
108	19.6	17.2	25.8

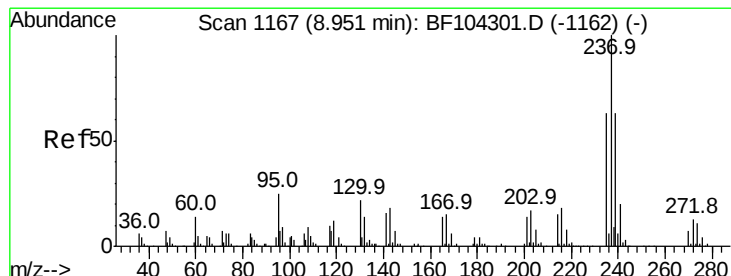


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

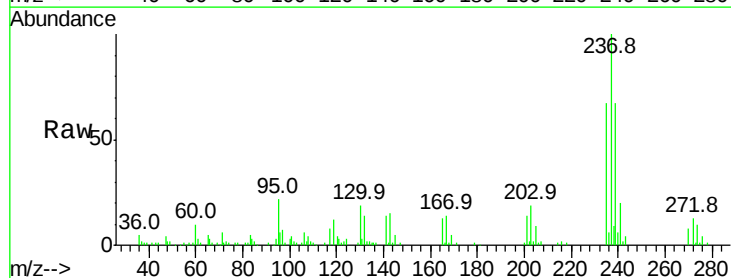
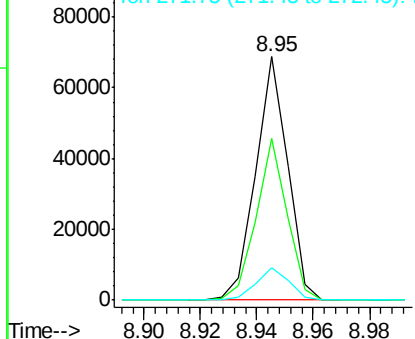


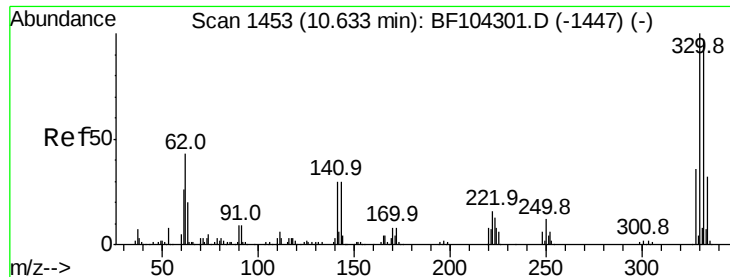
#40
 Hexachlorocyclopentadiene
 Concen: 15.710 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion:	237	Resp:	53968
Ion	Ratio	Lower	Upper
237	100		
235	66.6	44.8	84.8
272	13.3	0.0	33.3



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

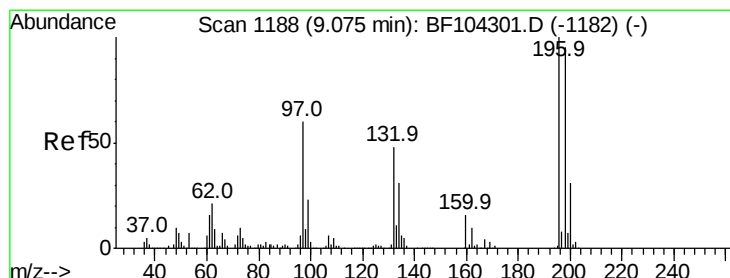
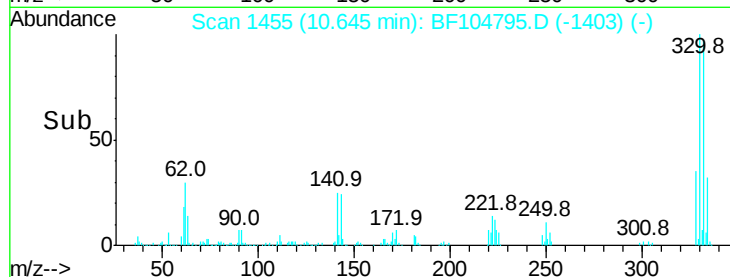
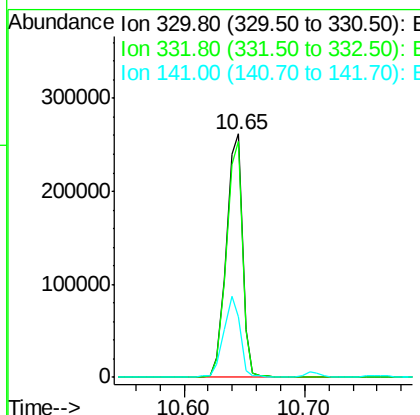
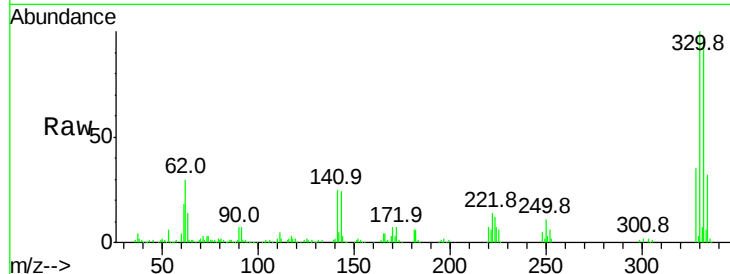




#41
 2,4,6-Tribromophenol
 Concen: 110.412 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

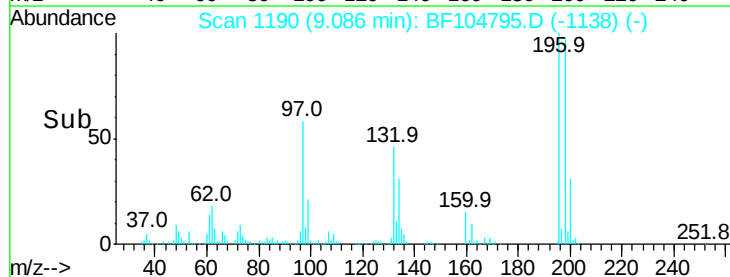
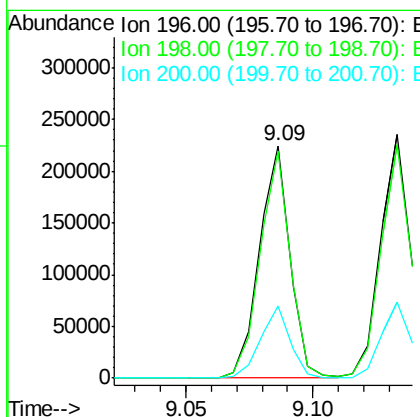
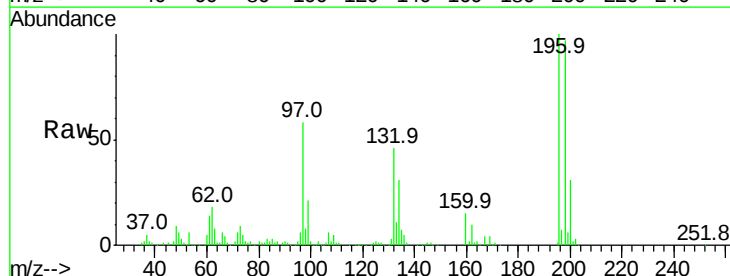
Instrument :
 BNA_F
 ClientSampleId :

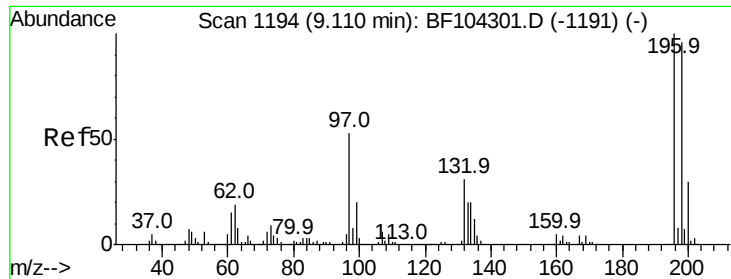
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.560 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
200	31.0	24.5	36.7

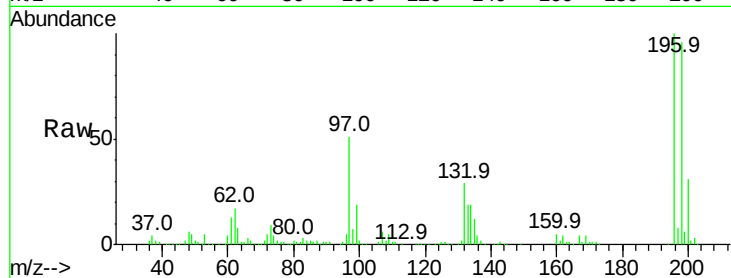




#43
 2,4,5-Trichlorophenol
 Concen: 41.914 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	50.5	42.9	64.3
132	28.8	26.3	39.5



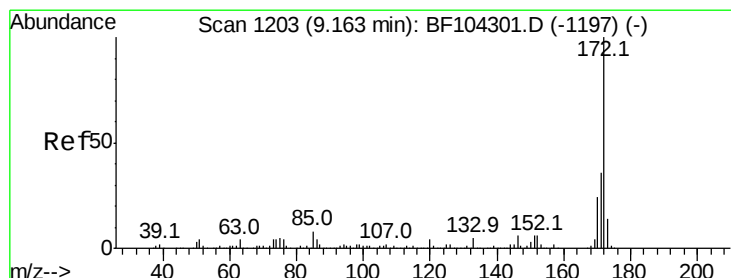
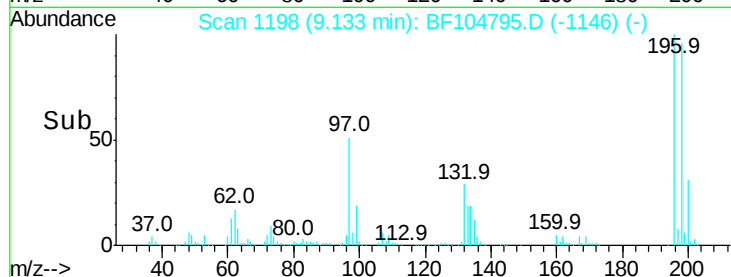
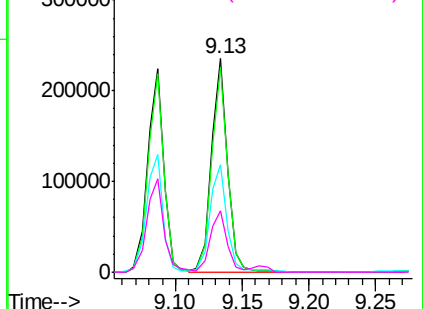
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

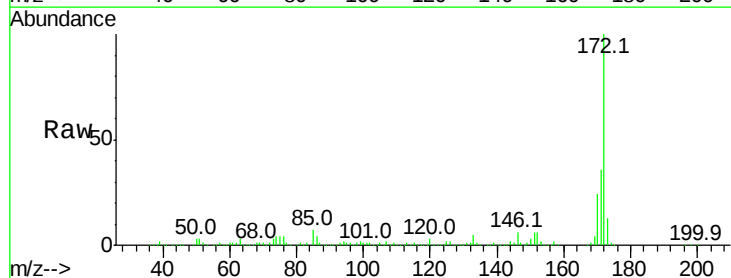
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.104 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

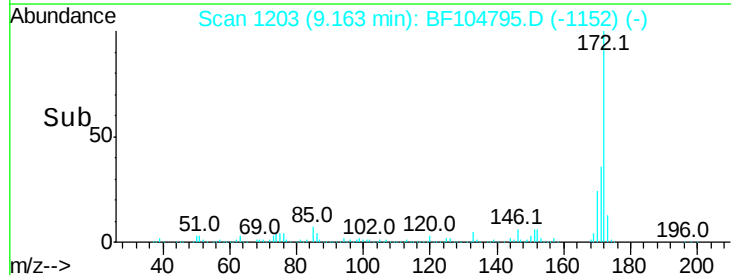
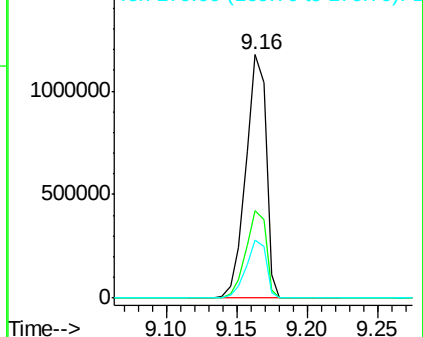


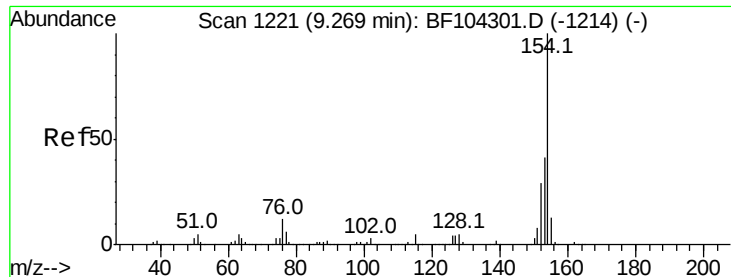
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.565 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

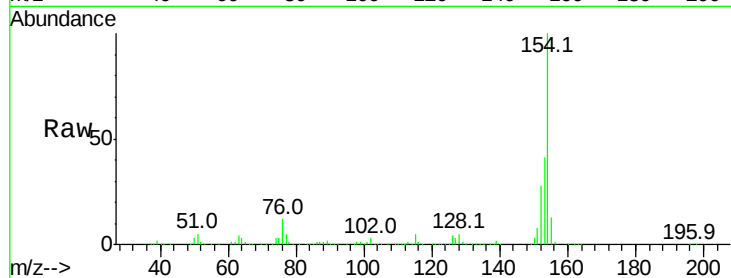
Tot Ion:154 Resp: 730462

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

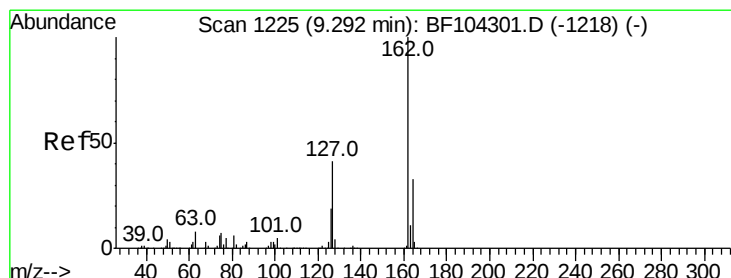
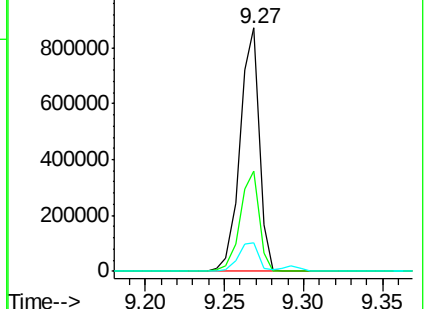
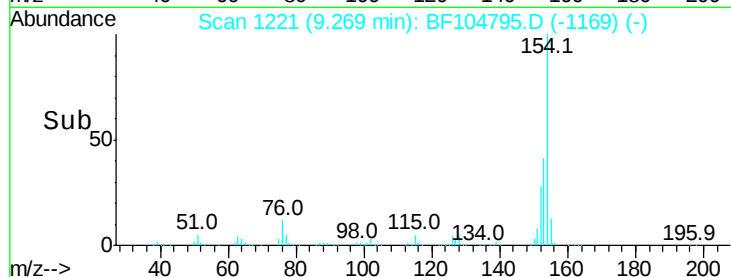
76 11.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.384 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

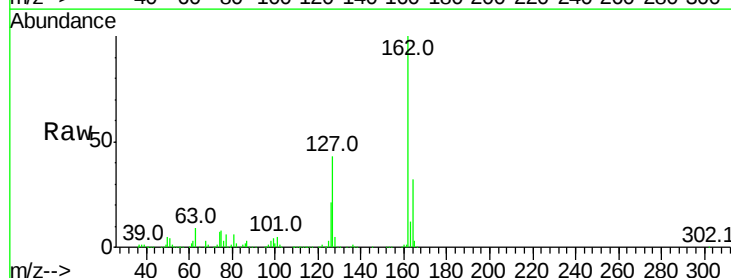
Tgt Ion:162 Resp: 574392

Ion Ratio Lower Upper

162 100

127 42.6 33.9 50.9

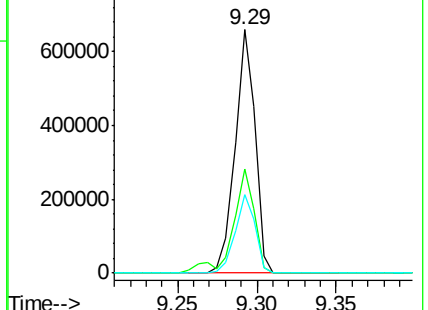
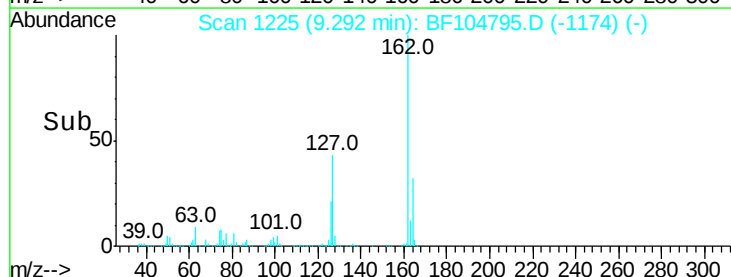
164 32.5 26.5 39.7

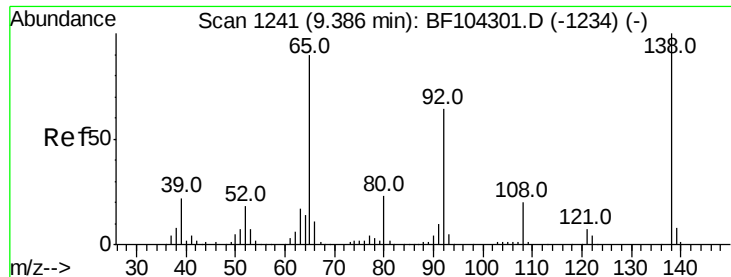


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

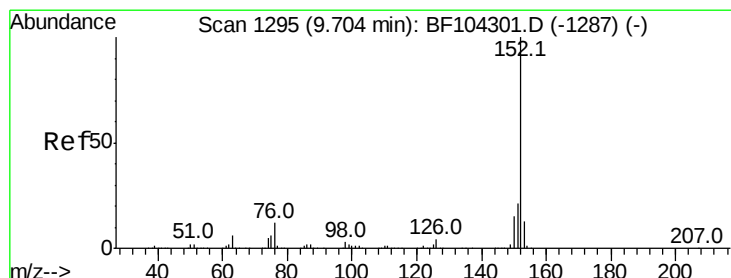
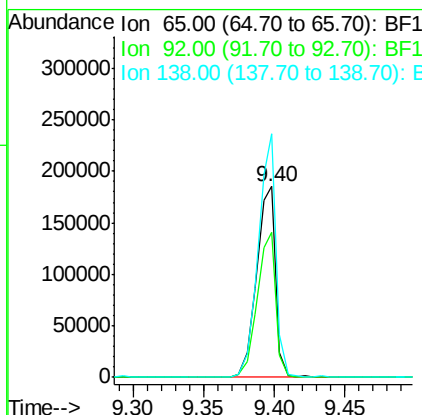
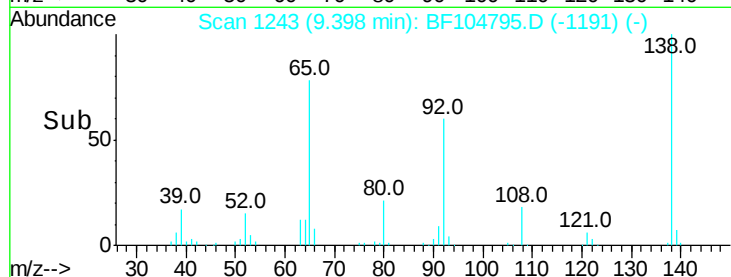
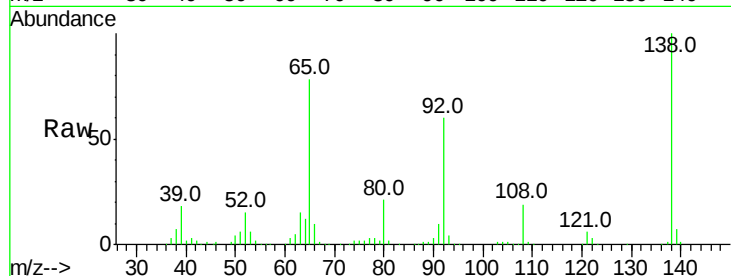




#47
2-Nitroaniline
Concen: 50.294 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

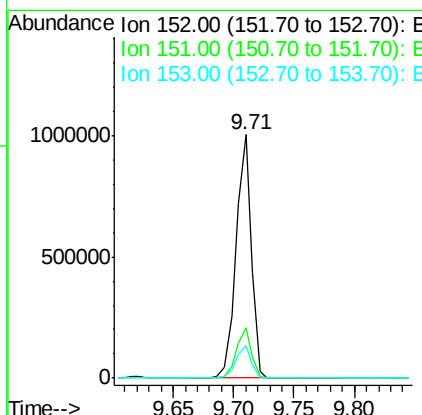
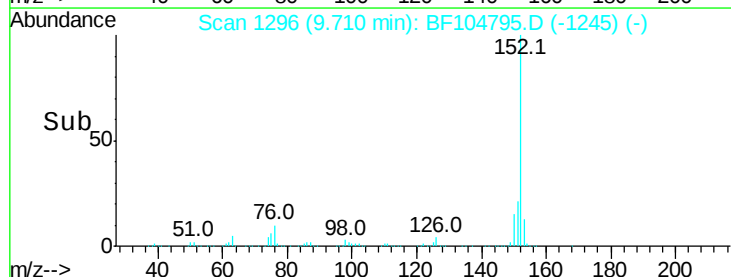
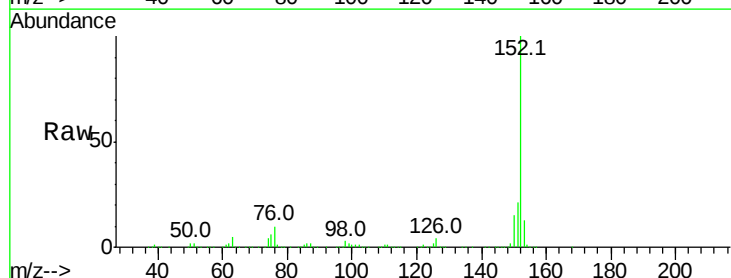
Instrument :
BNA_F
ClientSampleId :

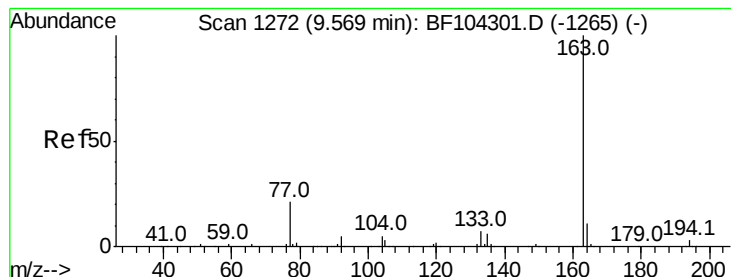
Tot Ion: 65 Resp: 176906
Ion Ratio Lower Upper
65 100
92 76.0 55.8 83.6
138 127.7 91.2 136.8



#48
Acenaphthylene
Concen: 39.490 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion:152 Resp: 881262
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 50.508 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

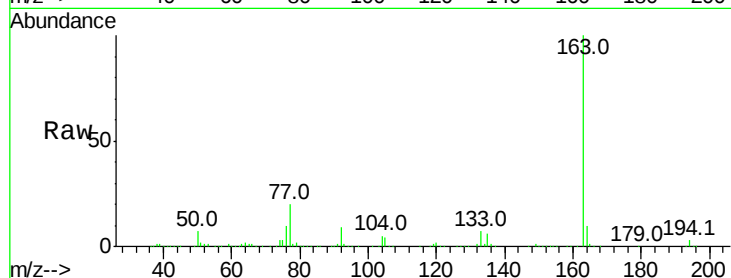
Tot Ion:163 Resp: 853764

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

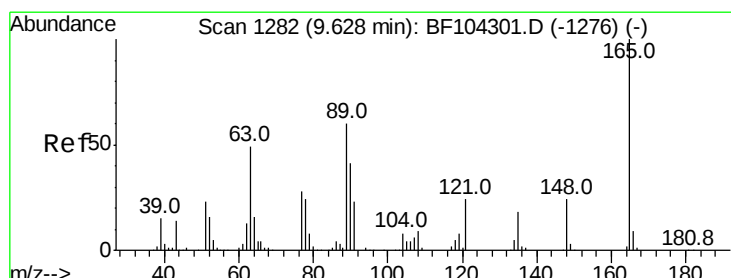
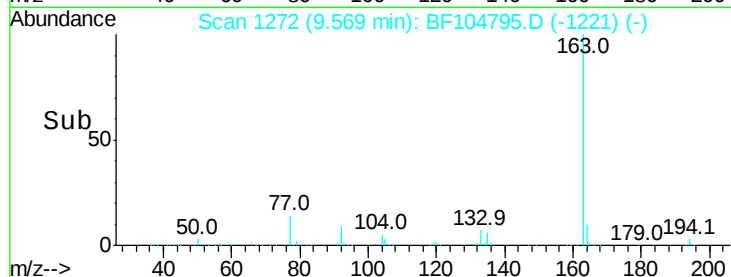
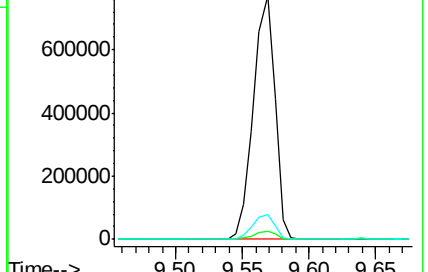
164 10.1 8.2 12.2



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: 48.188 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

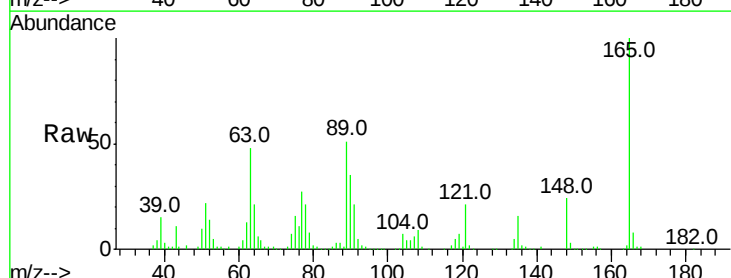
Tgt Ion:165 Resp: 150721

Ion Ratio Lower Upper

165 100

63 47.6 44.7 67.1

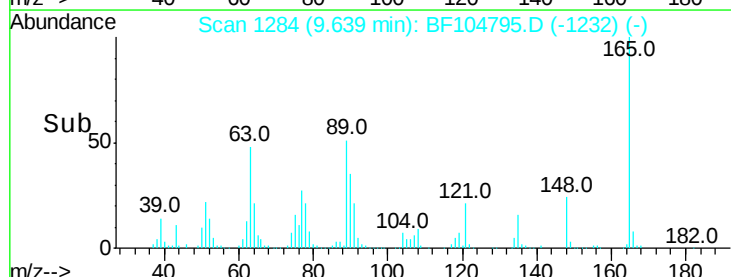
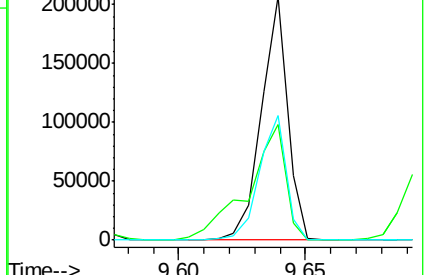
89 51.3 44.0 66.0

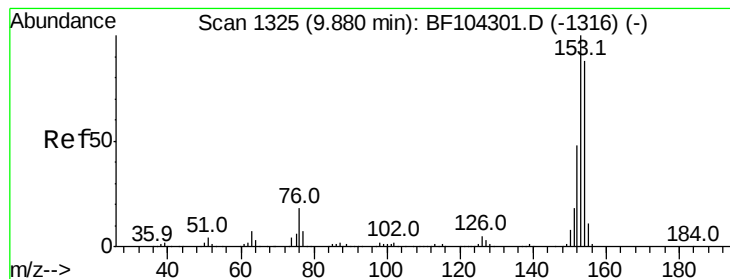


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.793 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampled :

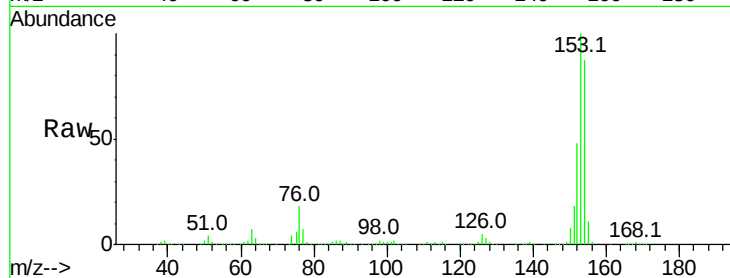
Tot Ion:154 Resp: 528191

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

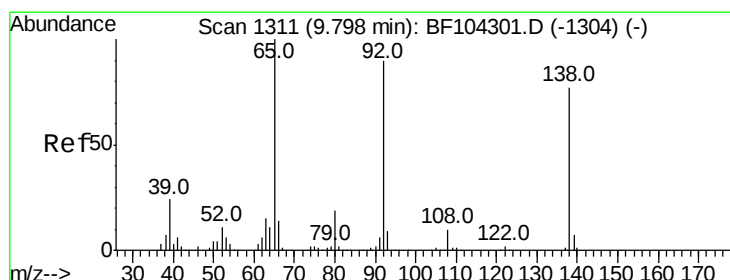
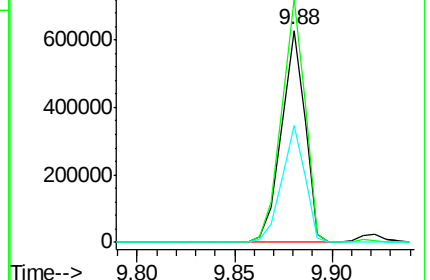
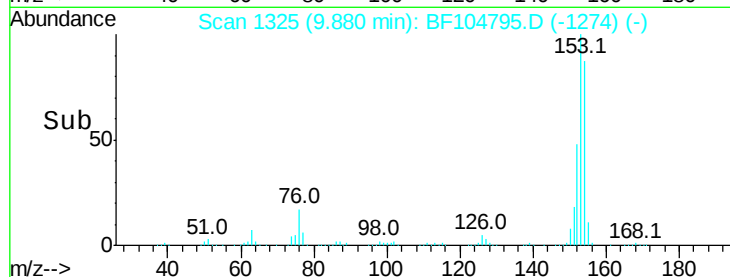
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.781 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

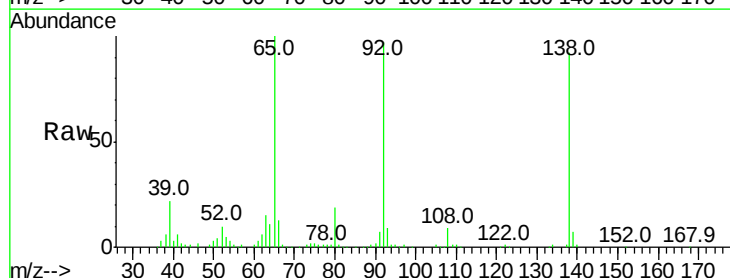
Tgt Ion:138 Resp: 127357

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

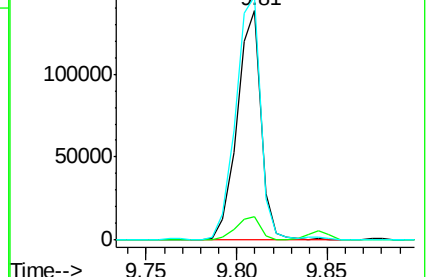
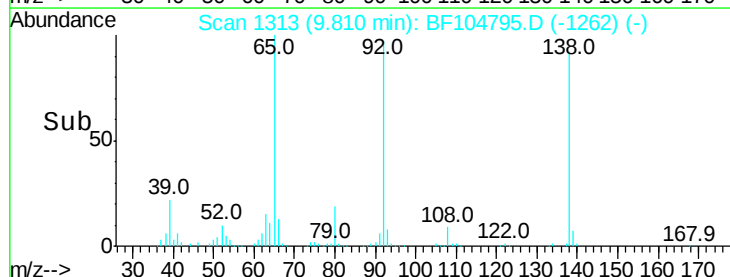
92 106.1 89.4 134.2

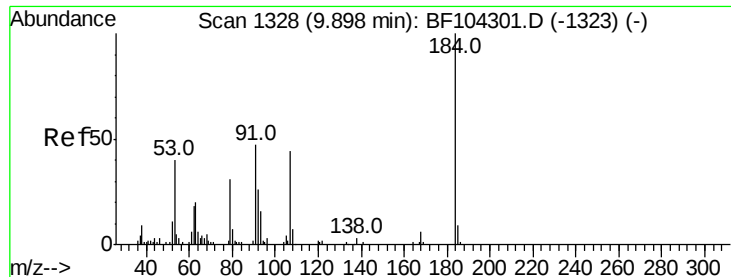


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

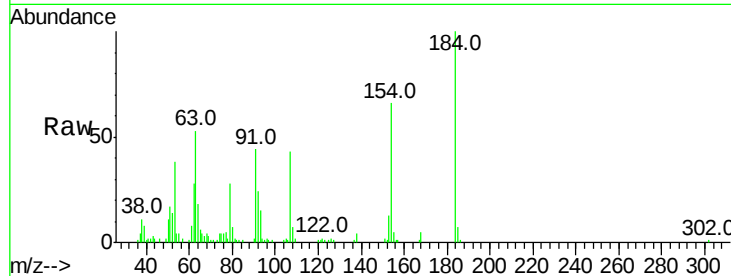




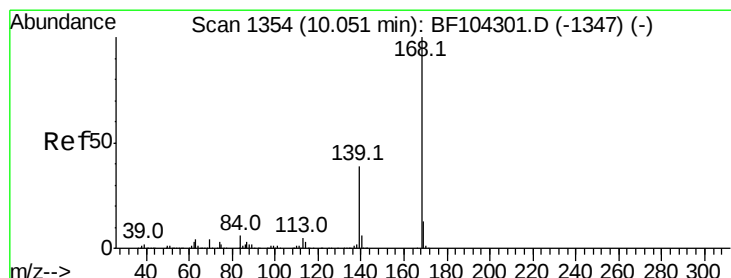
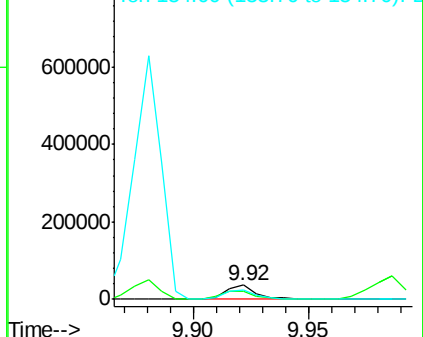
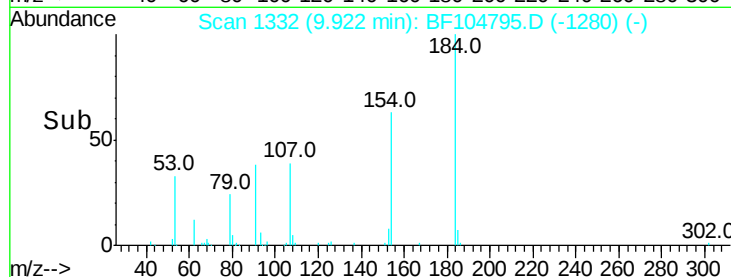
#53
2,4-Dinitrophenol
Concen: 37.339 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 34698
Ion Ratio Lower Upper
184 100
63 53.5 54.2 81.2#
154 66.4 184.0 276.0#

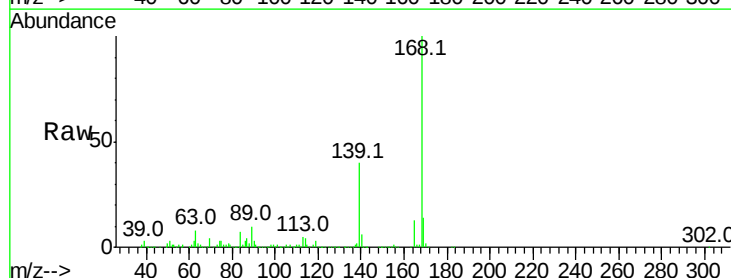


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

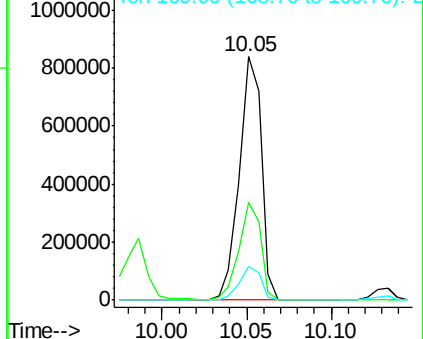
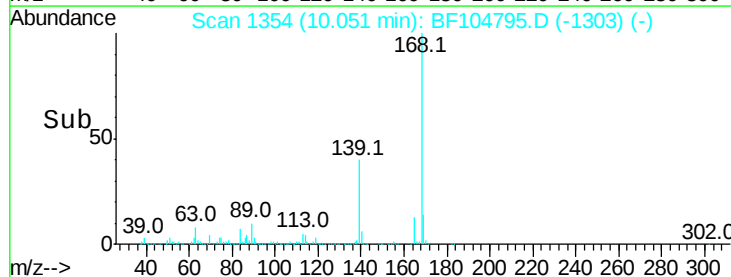


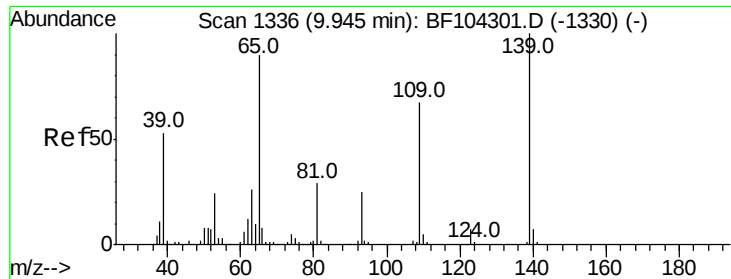
#54
Dibenzofuran
Concen: 40.438 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion:168 Resp: 767318
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 14.1 10.9 16.3



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

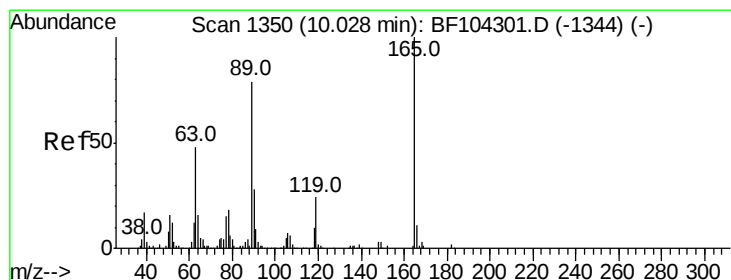
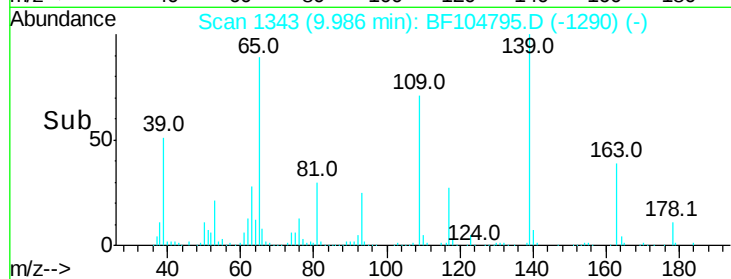
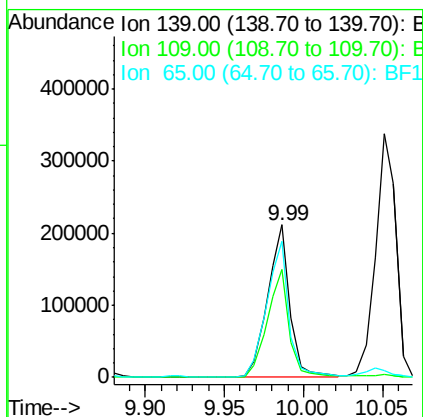
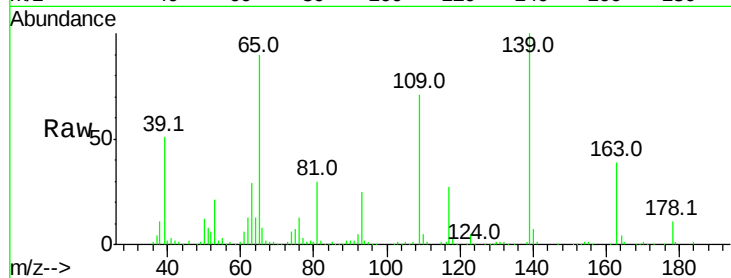




#55
4-Nitrophenol
Concen: 72.473 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

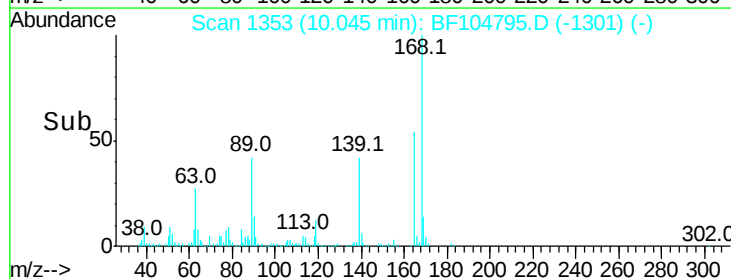
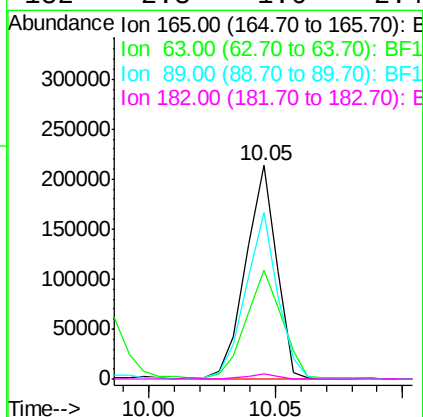
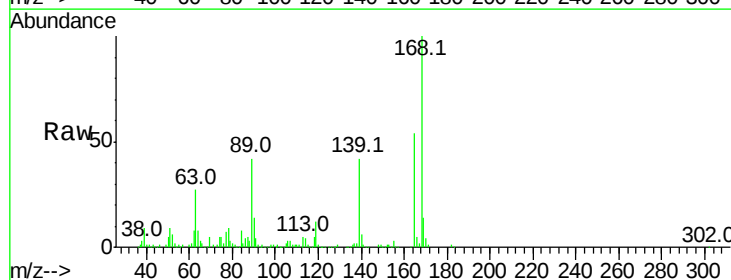
Instrument :
BNA_F
ClientSampleId :

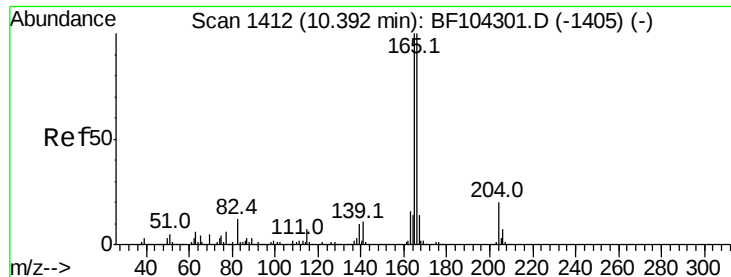
Tot Ion:139 Resp: 208459
Ion Ratio Lower Upper
139 100
109 70.7 48.4 88.4
65 89.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.844 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion:165 Resp: 179882
Ion Ratio Lower Upper
165 100
63 50.9 36.4 54.6
89 77.7 57.8 86.6
182 2.3 1.6 2.4

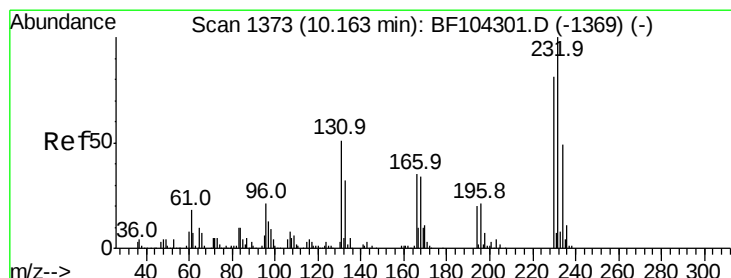
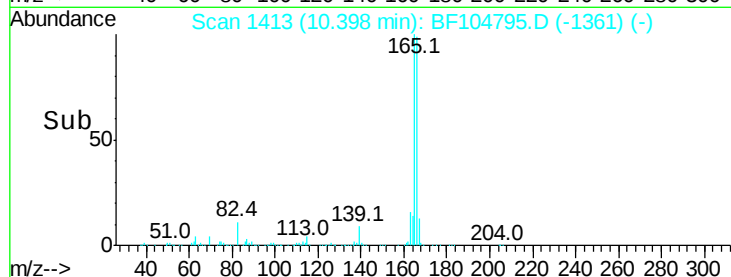
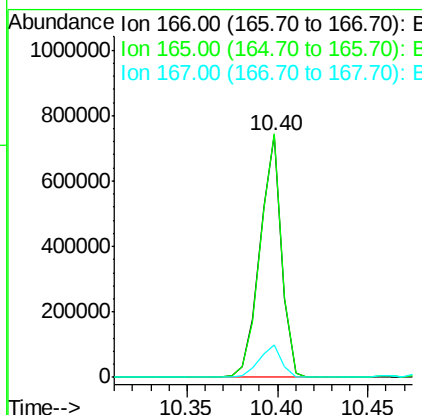
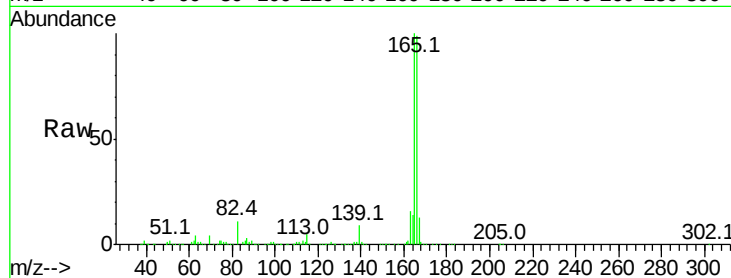




#57
 Fluorene
 Concen: 44.215 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

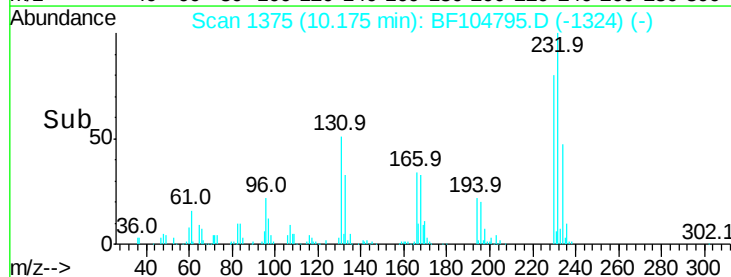
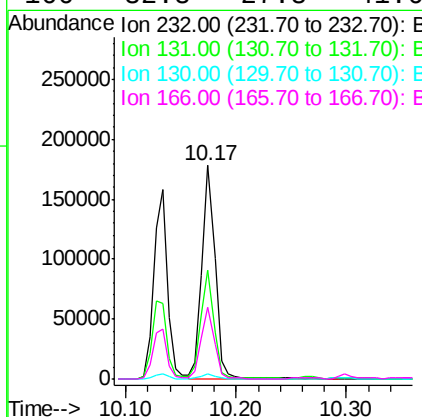
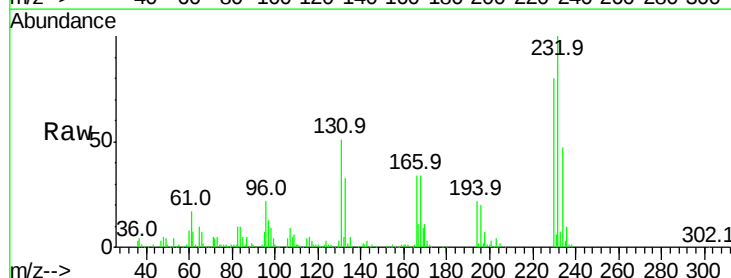
Instrument :
 BNA_F
 ClientSampleId :

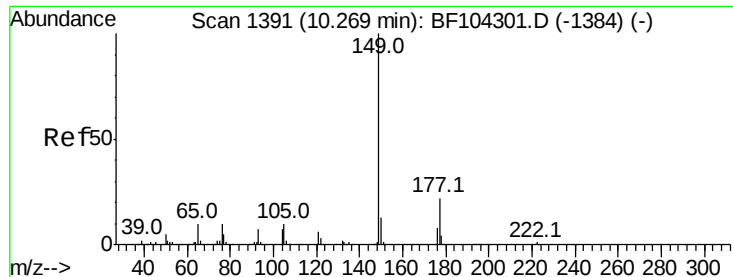
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.084 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	43.8	65.8
130	2.7	2.1	3.1
166	32.8	27.8	41.6

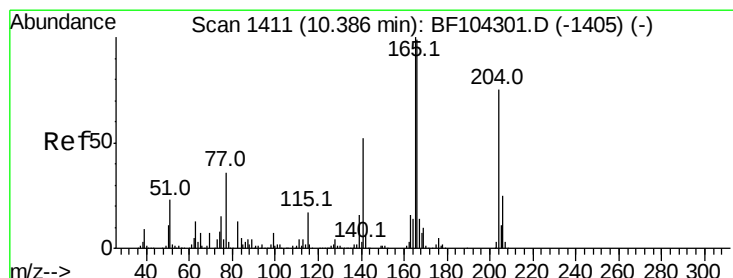
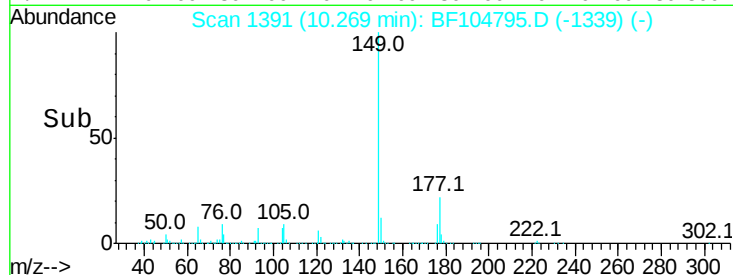
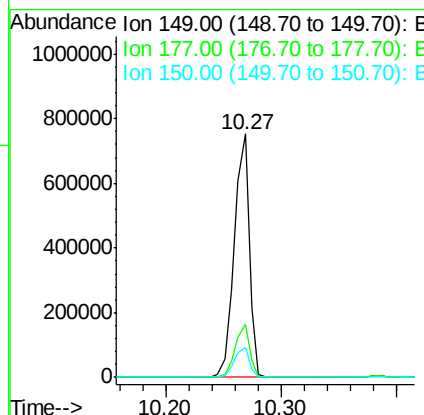
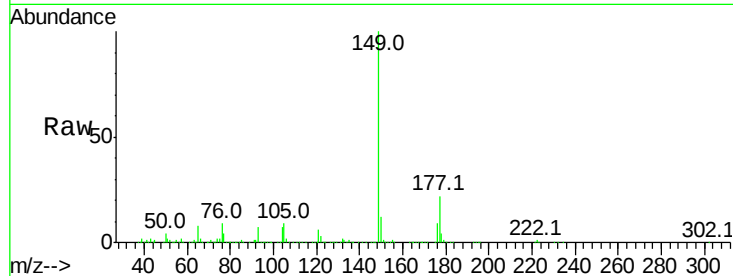




#59
 Diethylphthalate
 Concen: 40.347 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

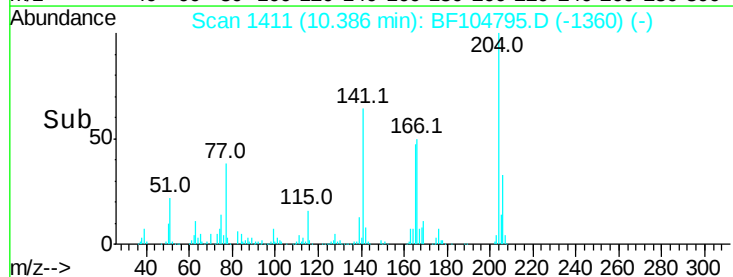
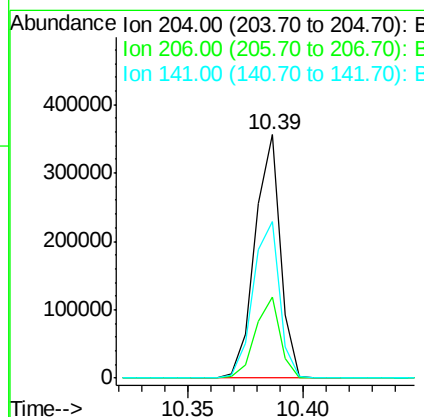
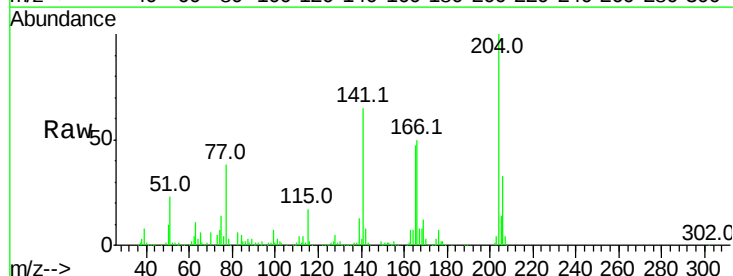
Instrument :
 BNA_F
 ClientSampled :

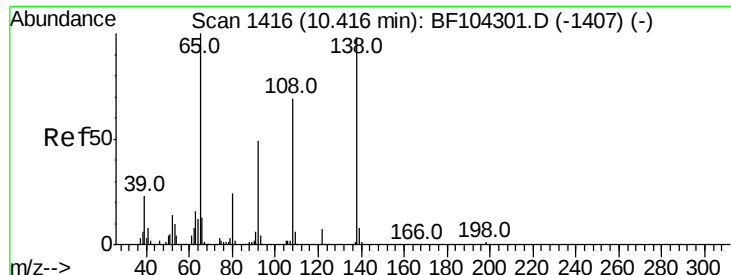
Tot Ion:149	Resp:	679227
Ion Ratio	Lower	Upper
149	100	
177	21.6	16.1 24.1
150	12.3	10.1 15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 44.600 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion:204	Resp:	274326
Ion Ratio	Lower	Upper
204	100	
206	33.1	26.5 39.7
141	64.5	54.6 81.8

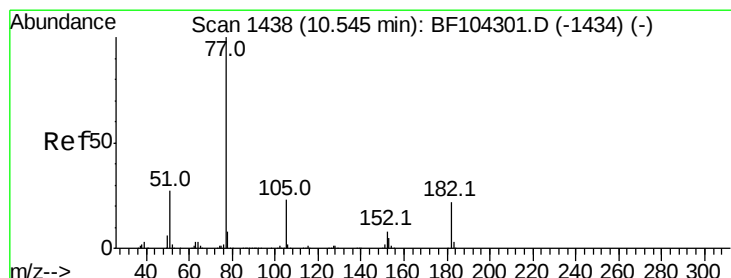
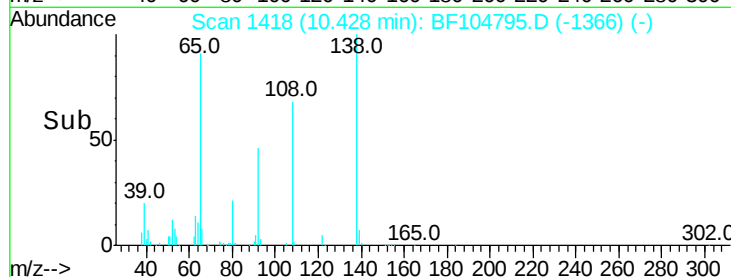
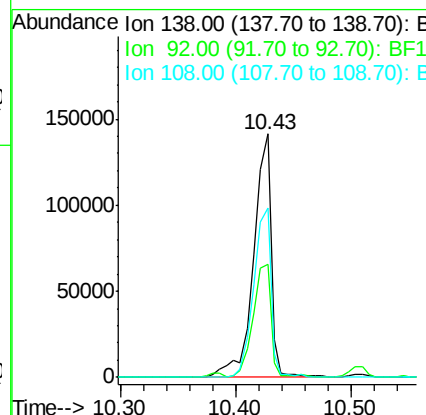
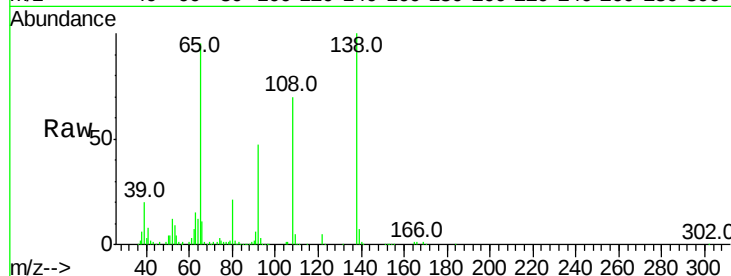




#61
4-Nitroaniline
Concen: 42.106 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

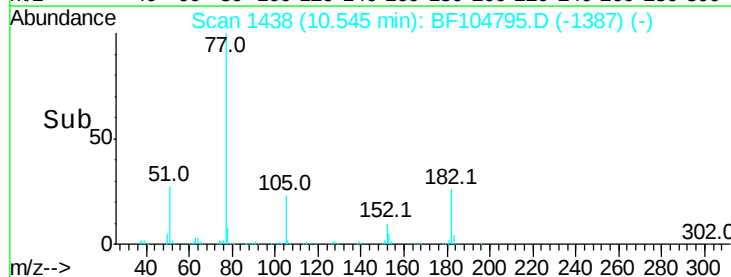
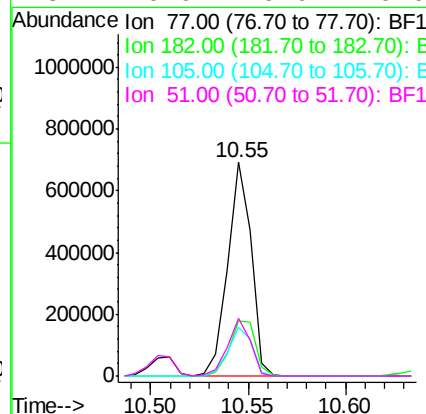
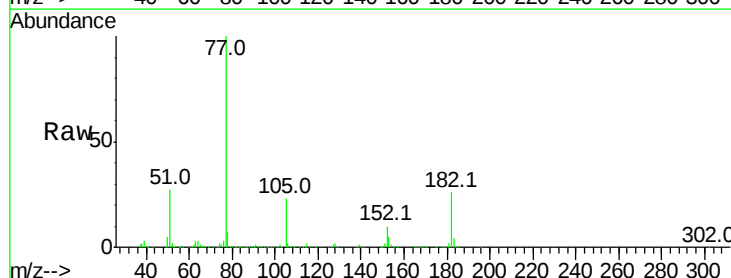
Instrument :
BNA_F
ClientSampleId :

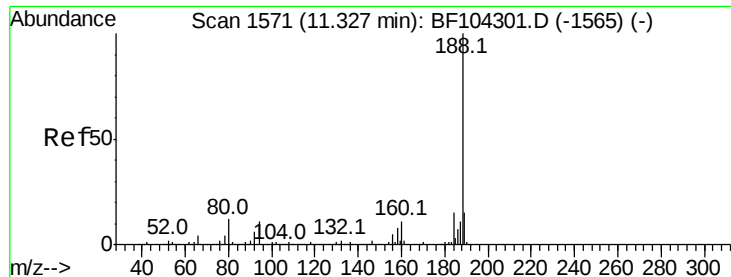
Tot Ion:138 Resp: 150754
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 69.6 52.5 92.5



#62
Azobenzene
Concen: 35.651 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion: 77 Resp: 573403
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 23.0 3.0 43.0
51 26.9 9.9 49.9

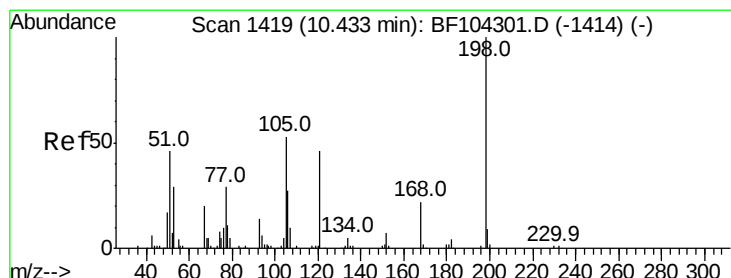
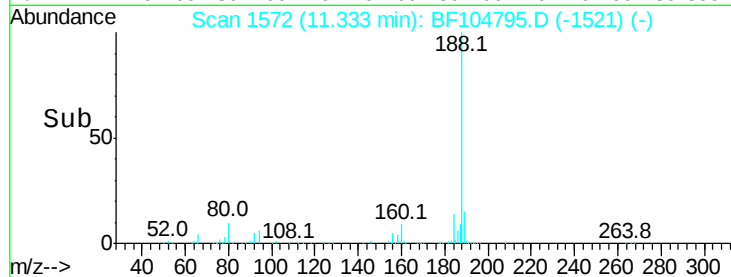
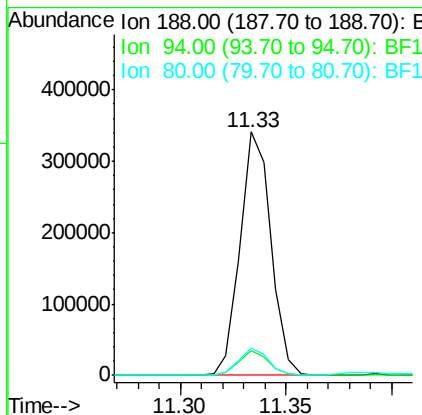
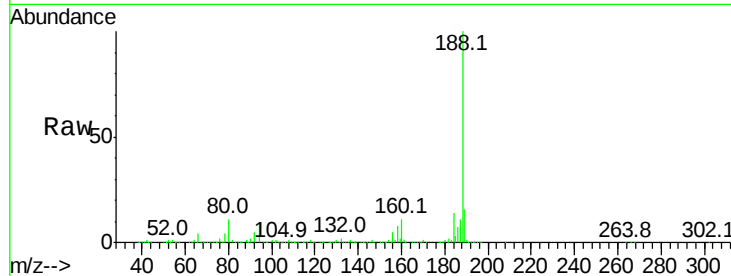




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

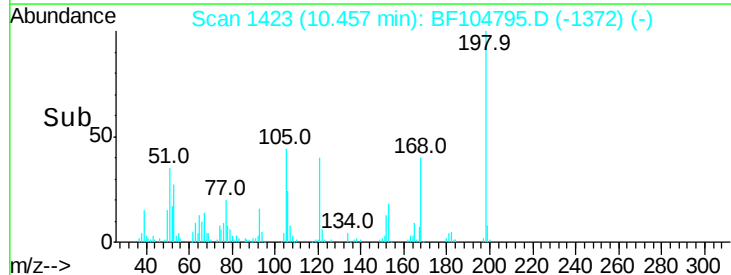
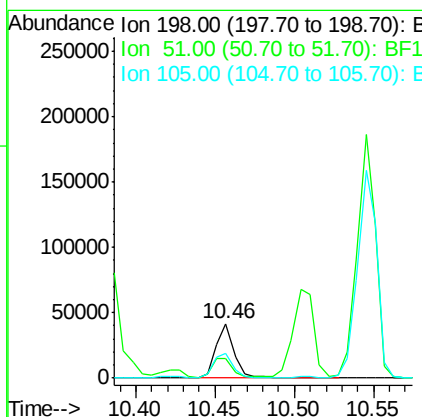
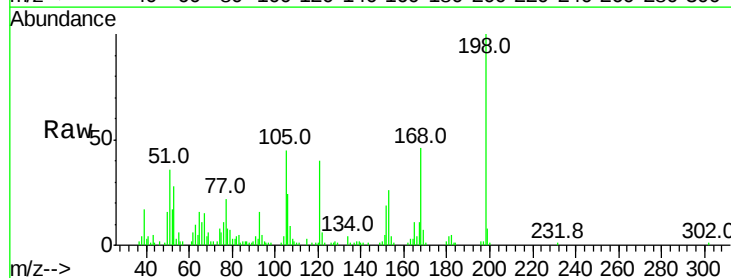
Instrument :
 BNA_F
 ClientSampleId :

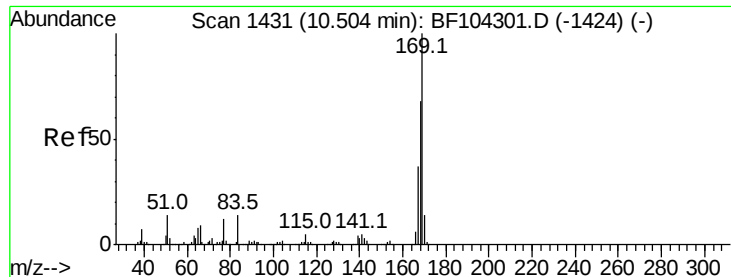
Tot Ion:188 Resp: 343822
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.307 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion:198 Resp: 33532
 Ion Ratio Lower Upper
 198 100
 51 36.1 37.7 77.7#
 105 44.9 36.3 76.3

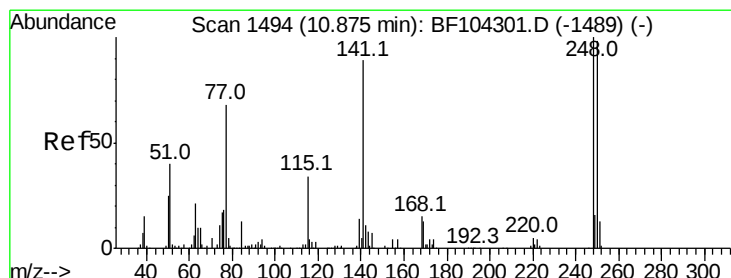
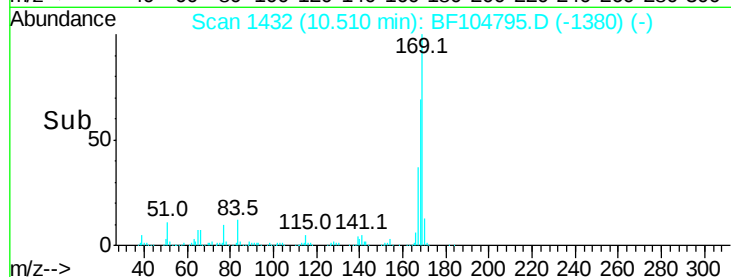
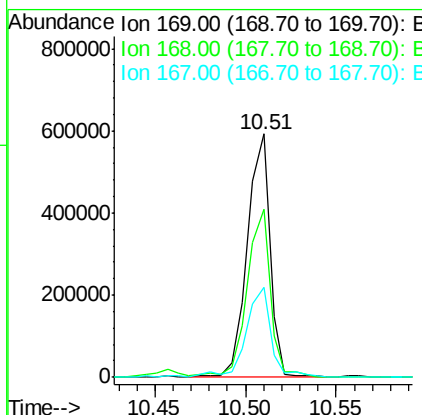
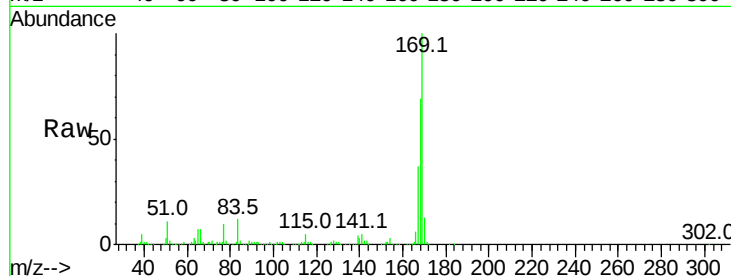




#65
n-Nitrosodiphenylamine
Concen: 42.953 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

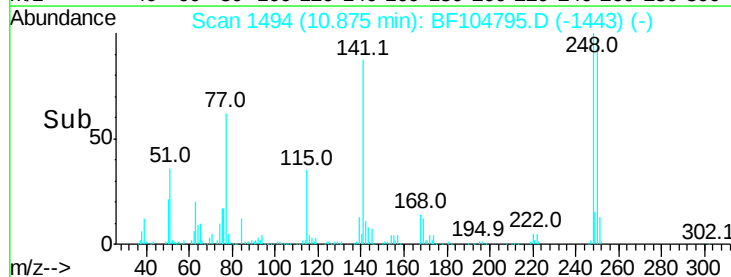
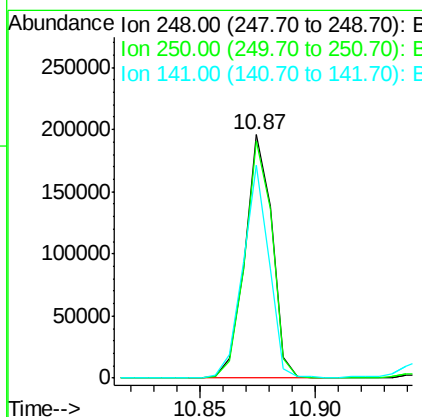
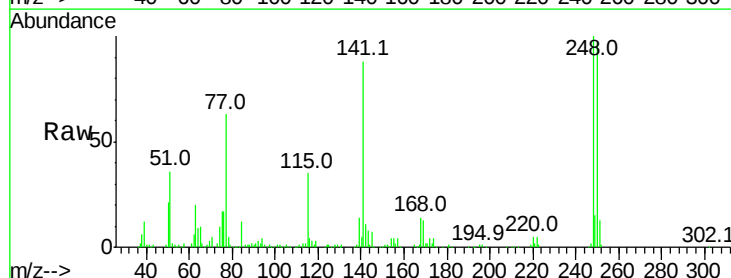
Instrument :
BNA_F
ClientSampleId :

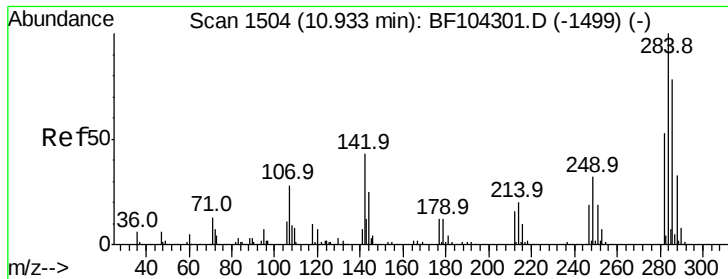
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.4	81.6
167	37.2	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 44.165 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	87.6	74.4	111.6

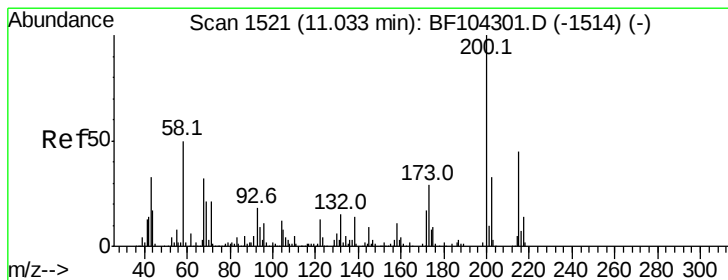
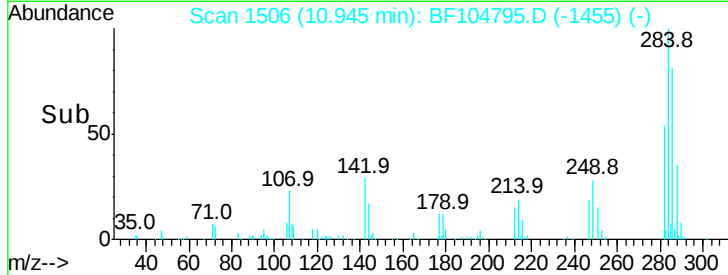
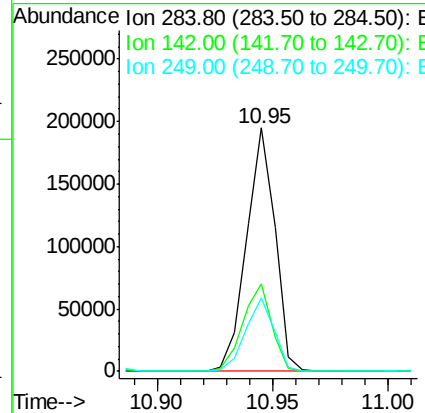
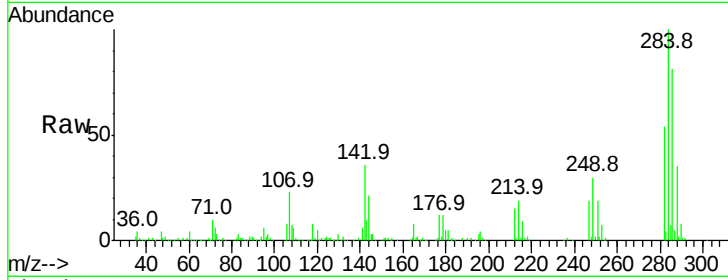




#67
Hexachlorobenzene
Concen: 40.726 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

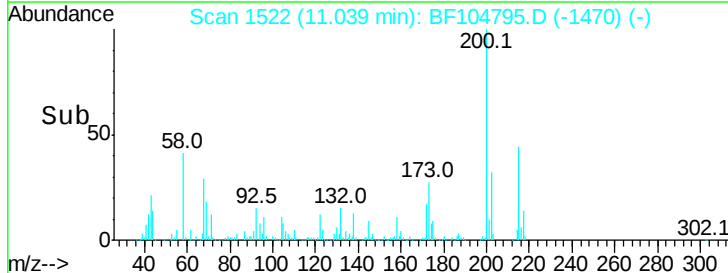
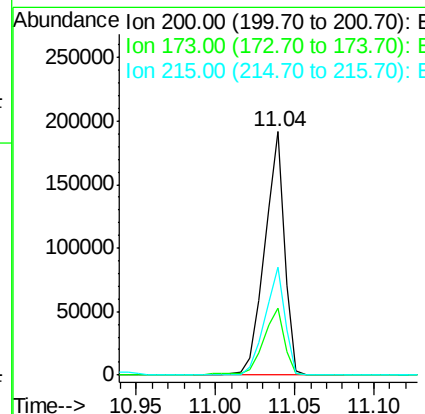
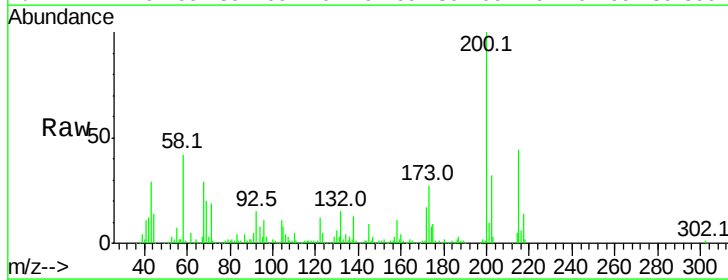
Instrument :
BNA_F
ClientSampleId :

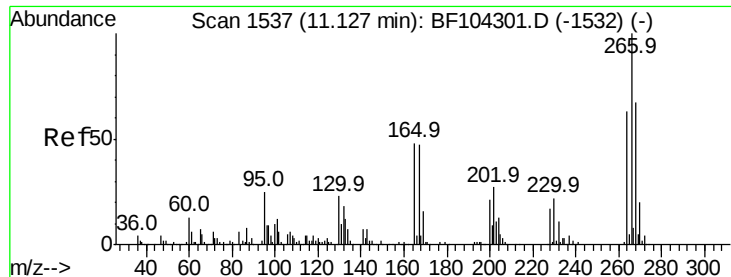
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	34.6	52.0
249	30.1	24.8	37.2



#68
Atrazine
Concen: 46.641 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.6	48.6
215	44.3	25.1	65.1

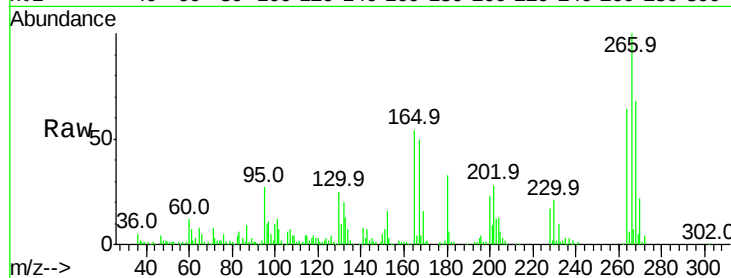




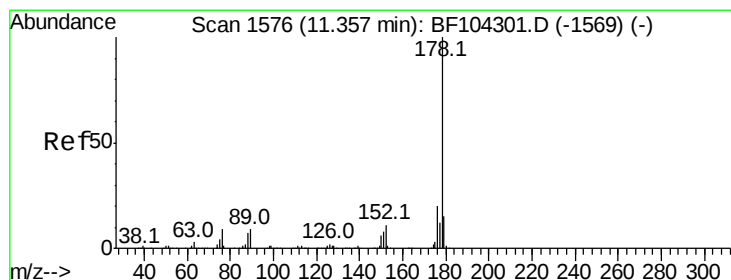
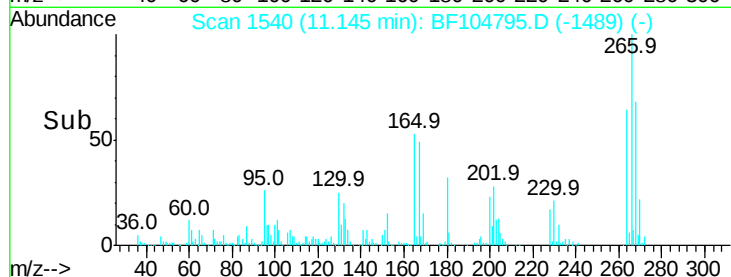
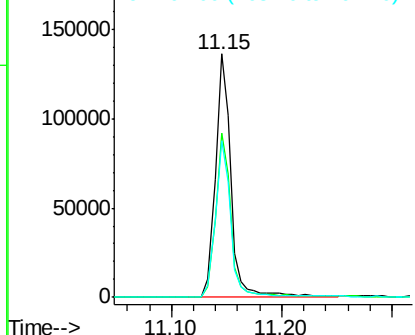
#69
 Pentachlorophenol
 Concen: 52.329 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.1	76.7
264	64.3	49.5	74.3

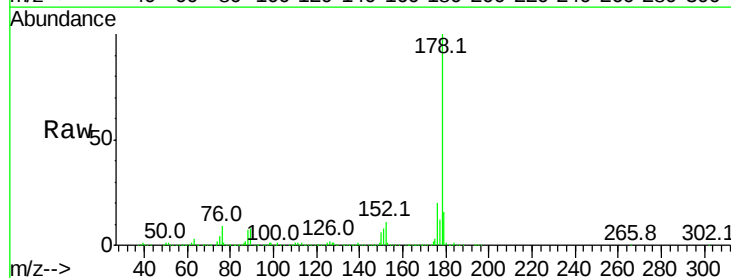


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

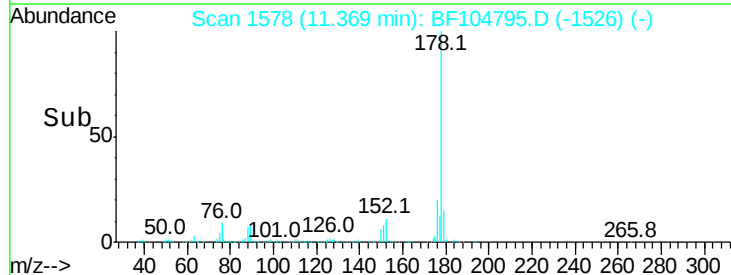
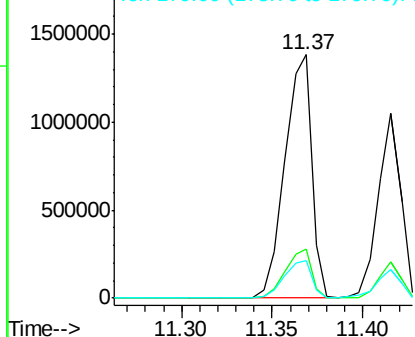


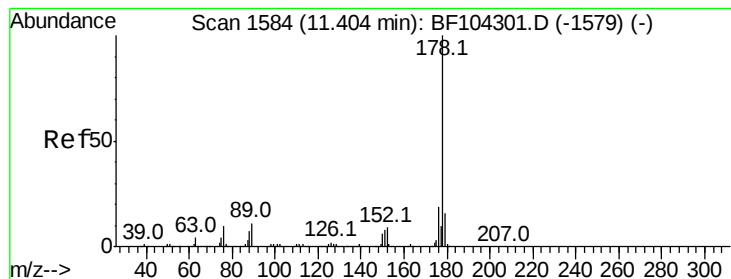
#70
 Phenanthrene
 Concen: 74.848 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.6	13.0	19.6



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





#71

Anthracene

Concen: 46.829 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

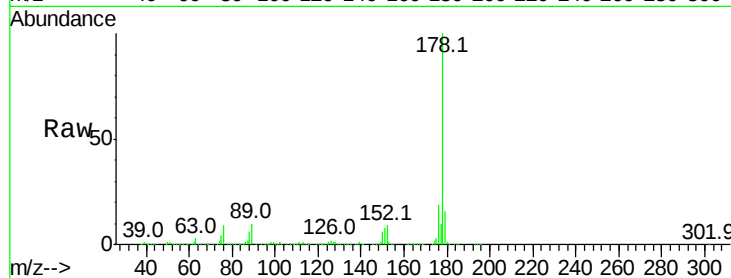
Tot Ion:178 Resp: 911448

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

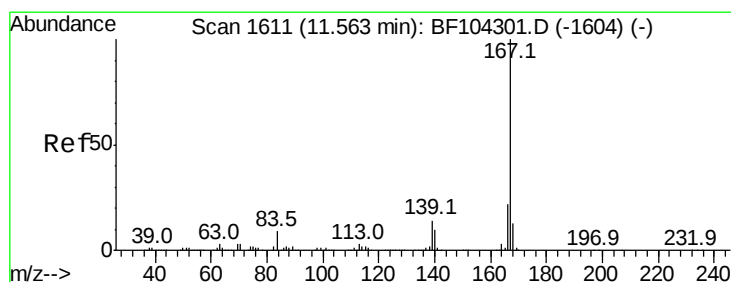
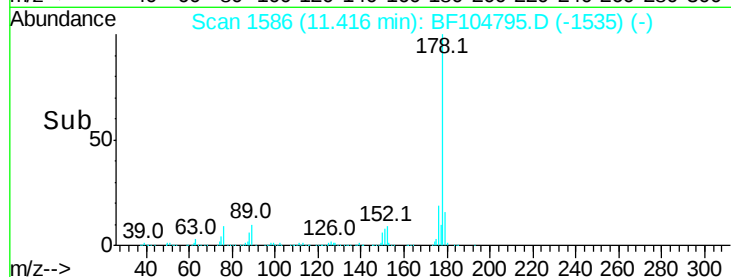
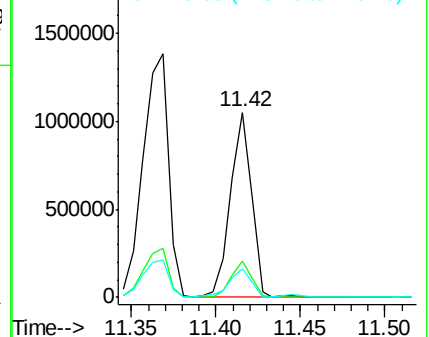
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.874 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

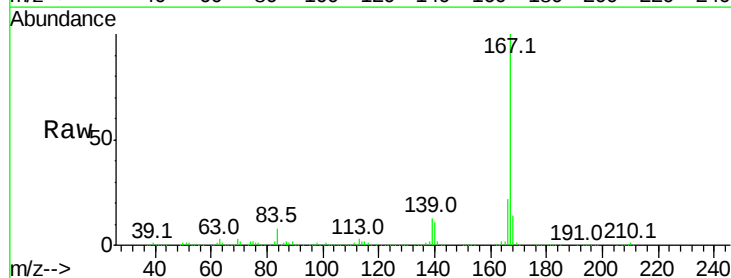
Tgt Ion:167 Resp: 739356

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

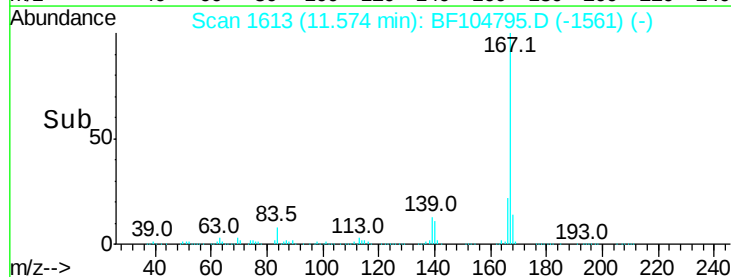
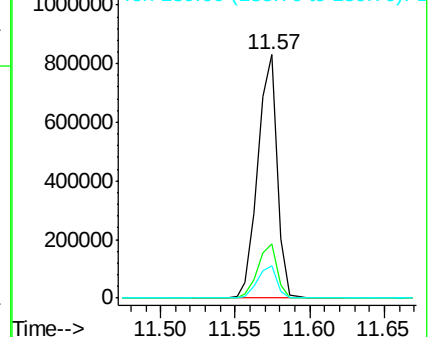
139 13.3 10.9 16.3

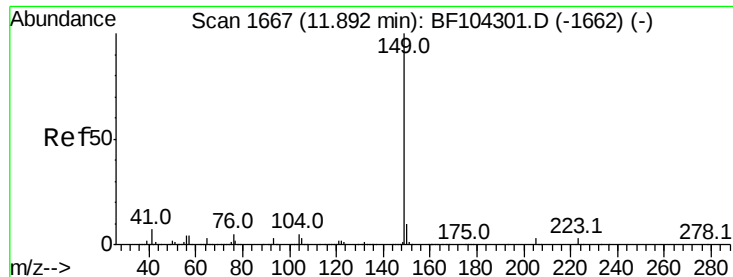


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.852 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

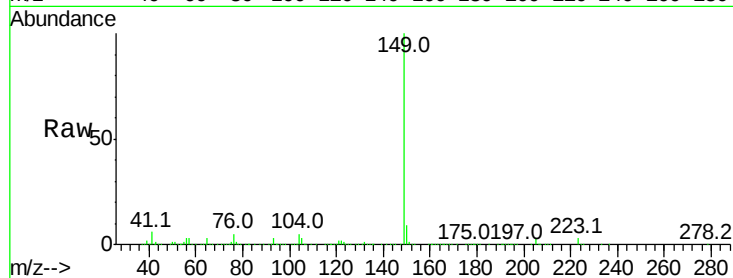
Tot Ion:149 Resp: 949104

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

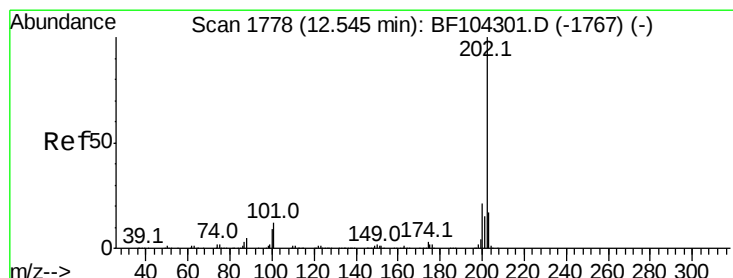
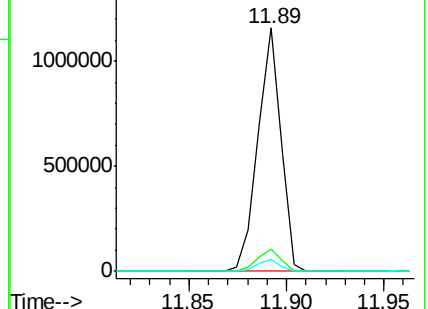
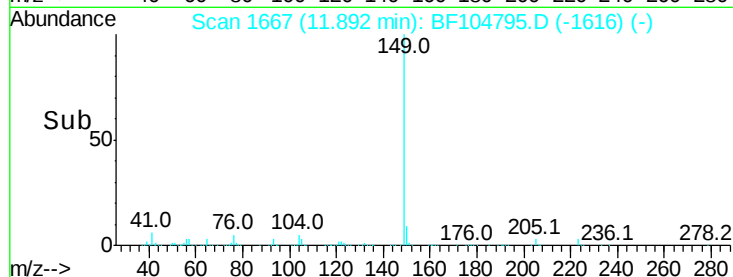
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 73.328 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

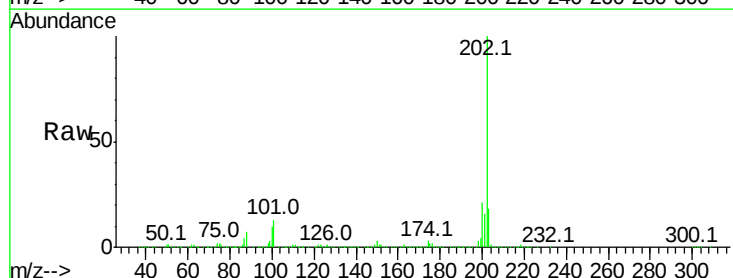
Tgt Ion:202 Resp: 1466937

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

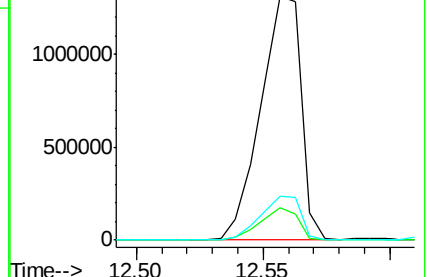
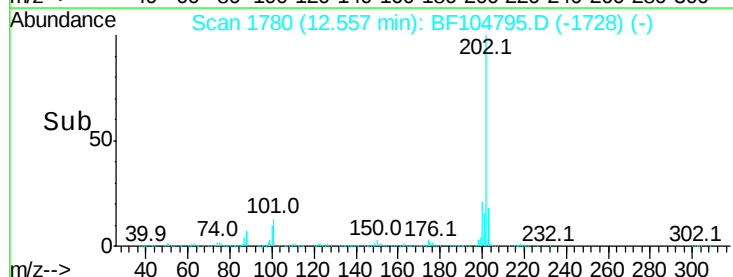
203 18.3 0.0 38.1

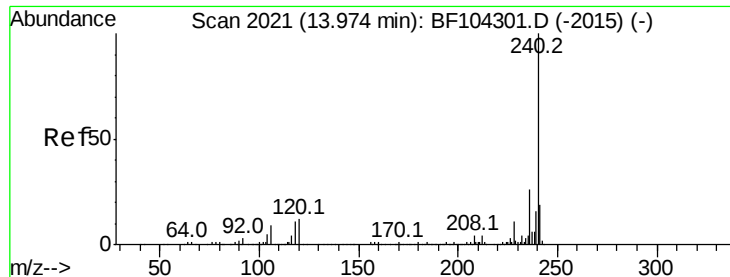


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampled :

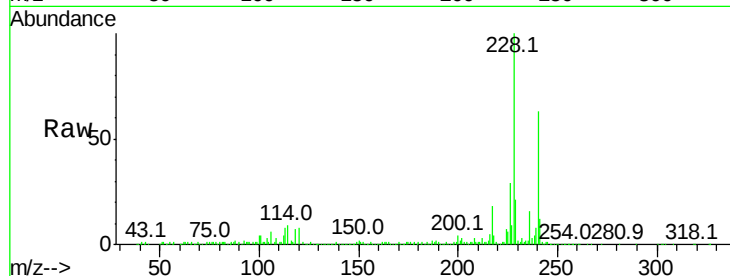
Tot Ion:240 Resp: 197348

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

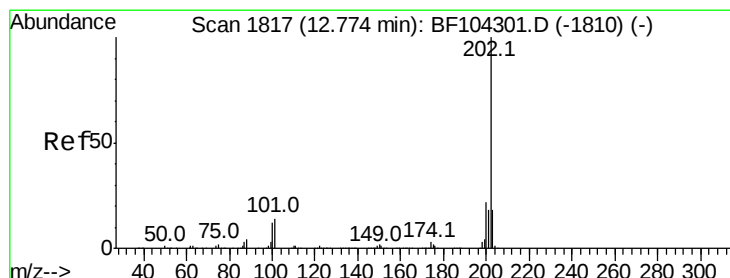
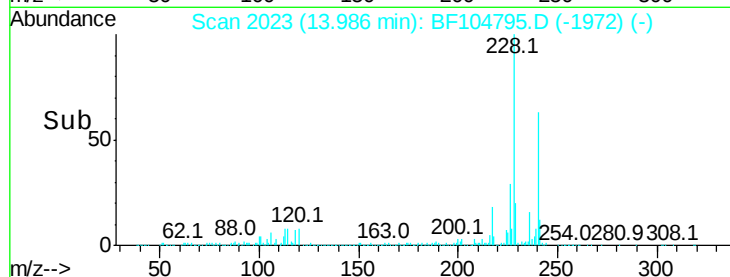
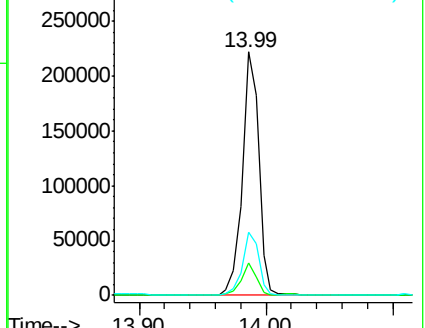
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 92.831 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

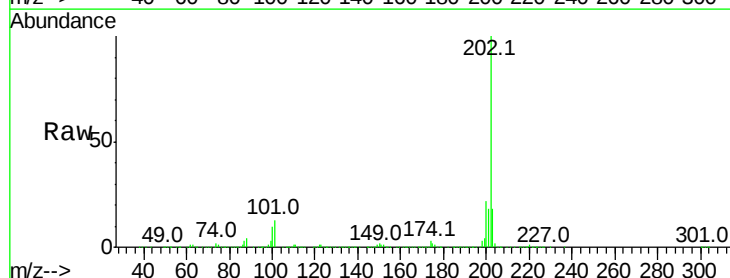
Tgt Ion:202 Resp: 1357943

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

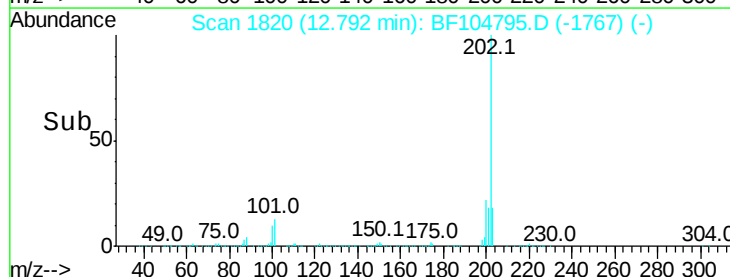
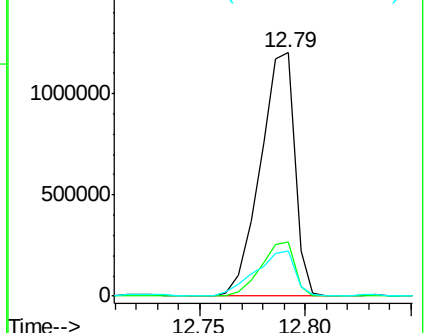
203 18.4 14.3 21.5

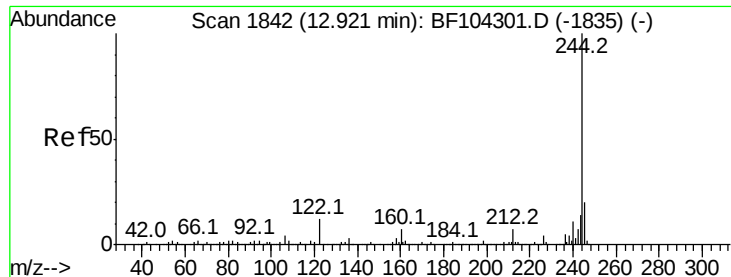


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 97.155 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

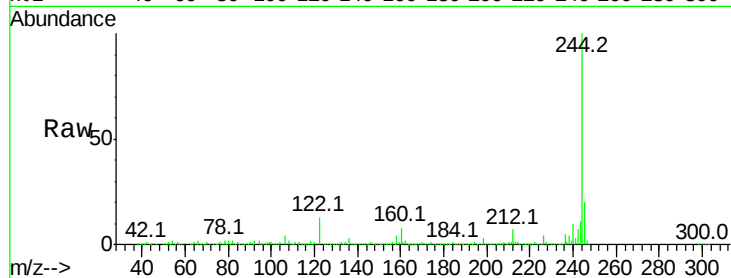
Tot Ion:244 Resp: 841003

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

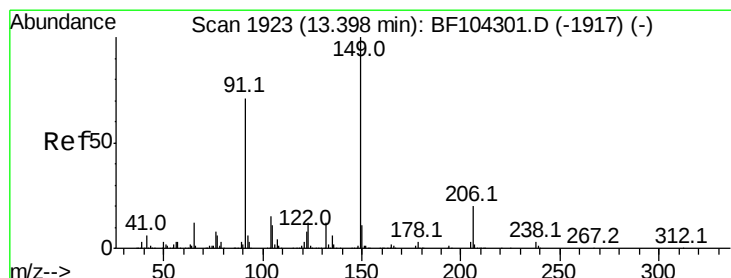
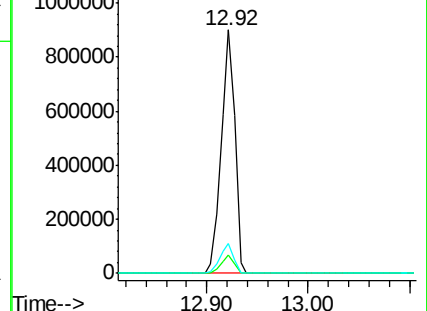
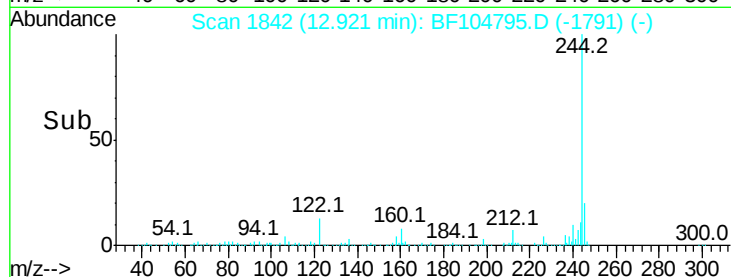
122 12.5 11.0 16.4



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: 44.980 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

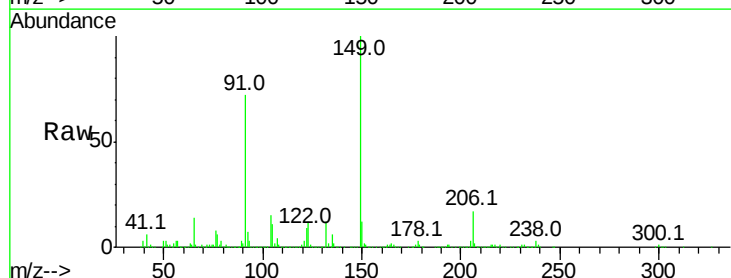
Tgt Ion:149 Resp: 309982

Ion Ratio Lower Upper

149 100

91 72.1 56.8 85.2

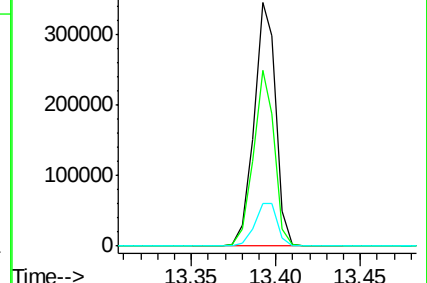
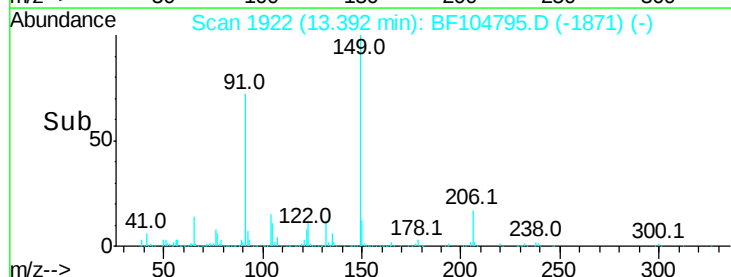
206 17.4 14.1 21.1

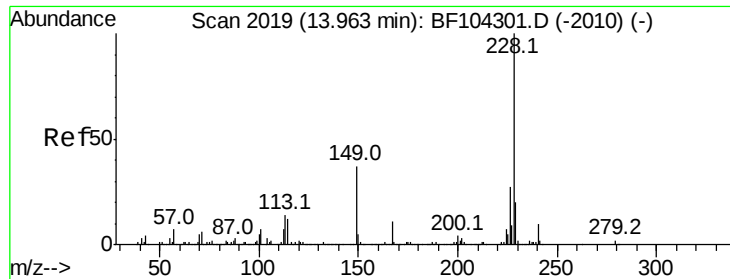


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 76.976 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

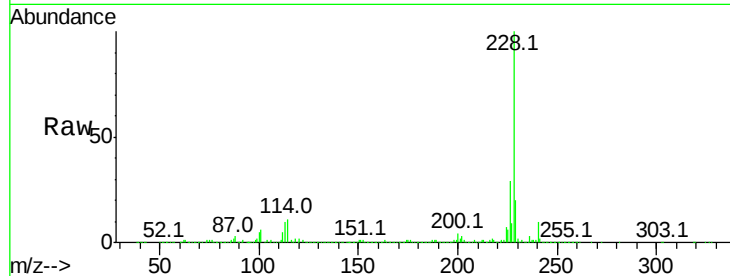
Tot Ion:228 Resp: 907536

Ion Ratio Lower Upper

228 100

226 29.5 22.6 33.8

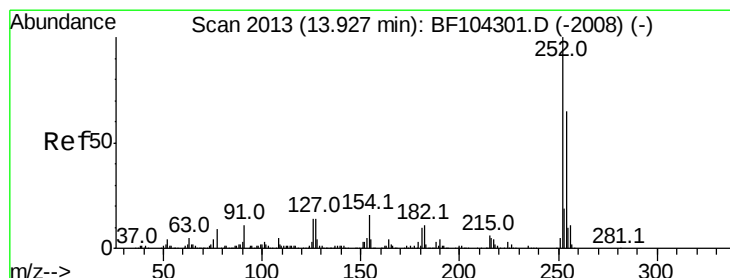
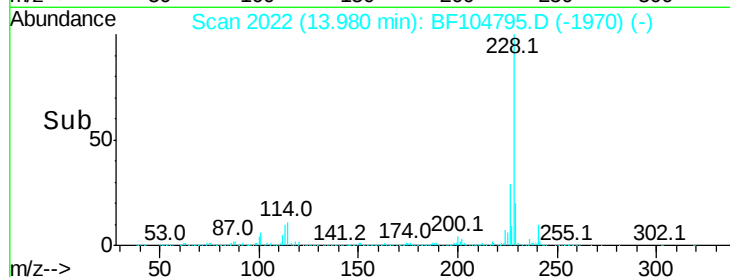
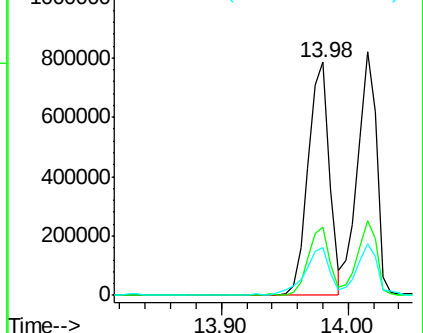
229 20.4 15.8 23.6



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: 32.144 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

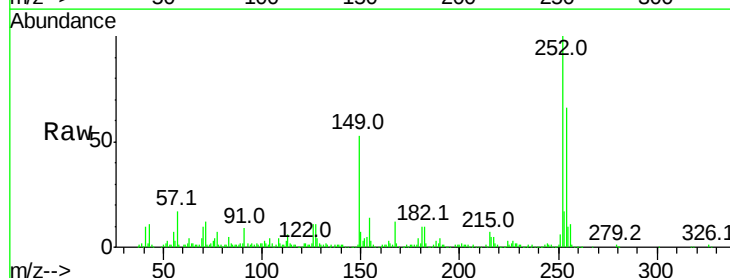
Tgt Ion:252 Resp: 141302

Ion Ratio Lower Upper

252 100

254 65.8 50.4 75.6

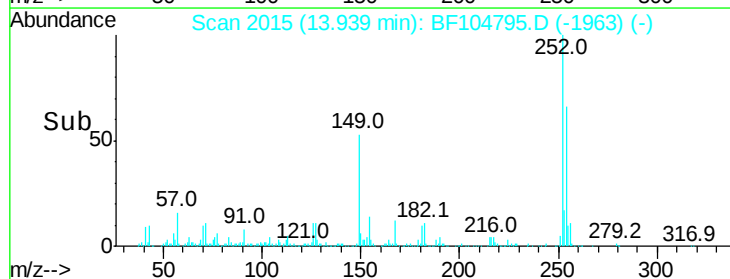
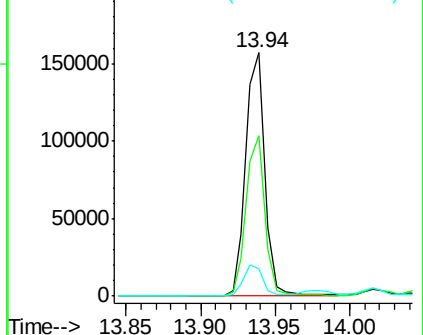
126 11.4 11.3 16.9

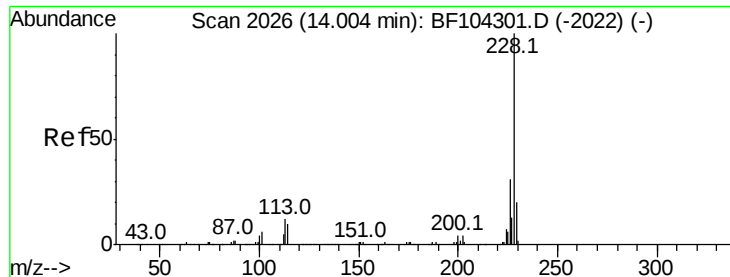


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 70.129 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

Instrument :

BNA_F

ClientSampleId :

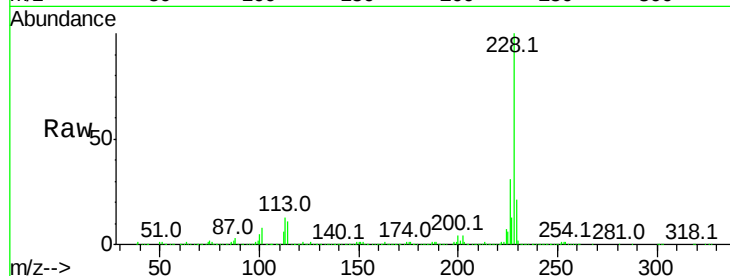
Tot Ion:228 Resp: 849250

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

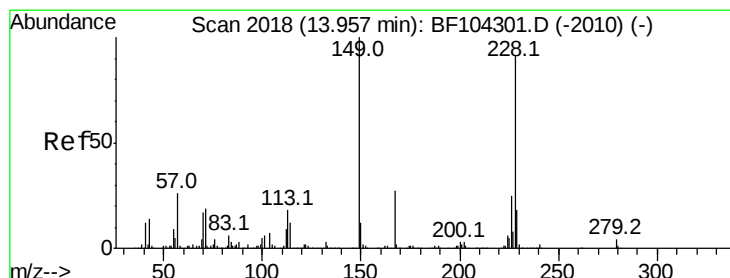
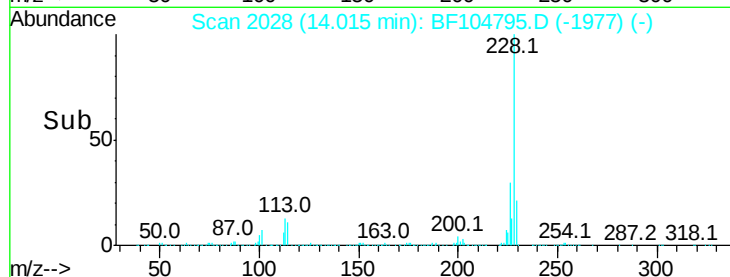
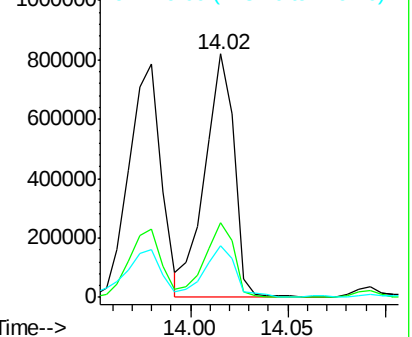
229 21.2 16.2 24.4



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: 48.550 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104795.D

Acq: 25 Apr 2018 18:06

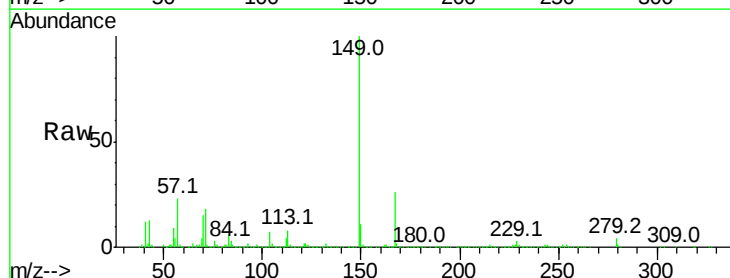
Tgt Ion:149 Resp: 430357

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

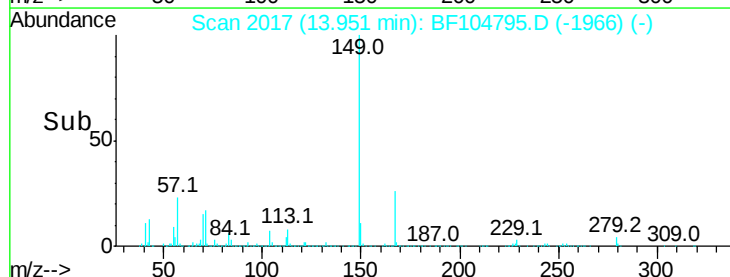
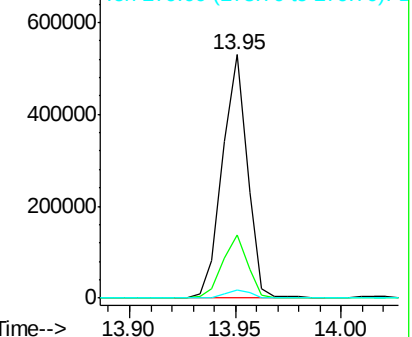
279 3.6 3.0 4.4

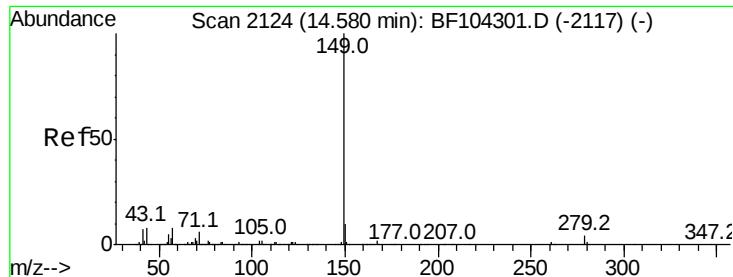


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

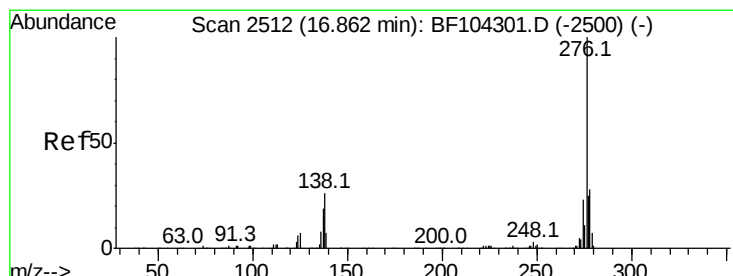
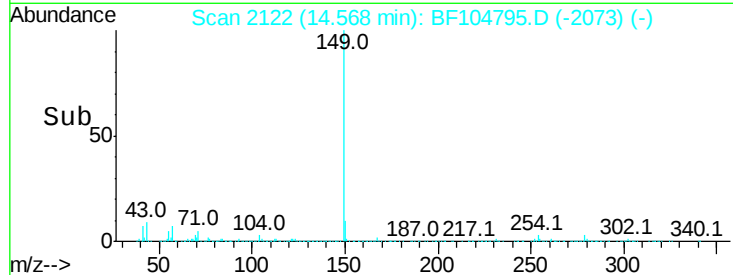
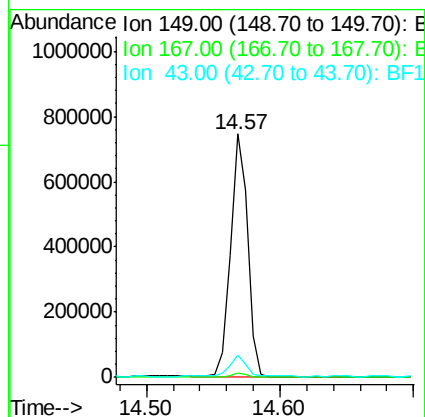
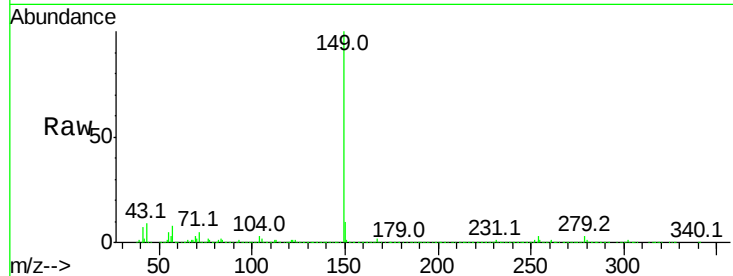




#84
Di-n-octyl phthalate
Concen: 45.668 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

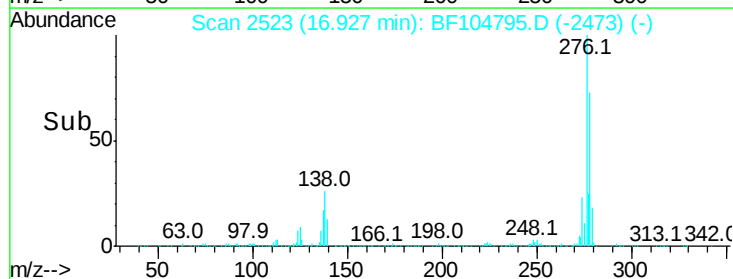
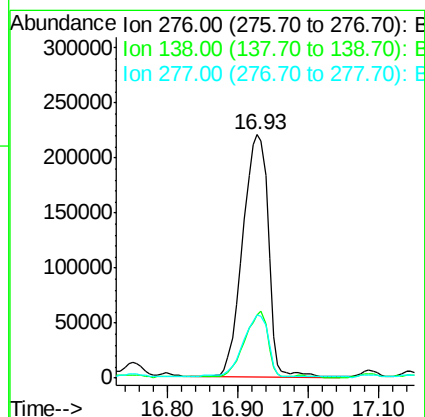
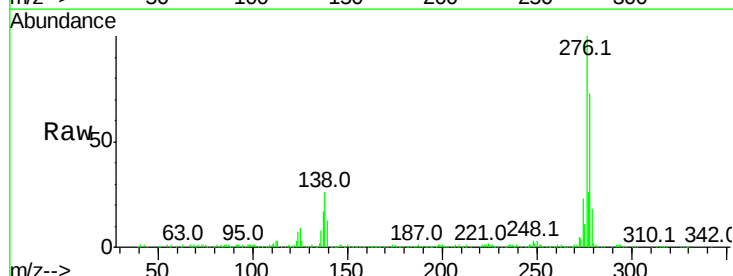
Instrument :
BNA_F
ClientSampleId :

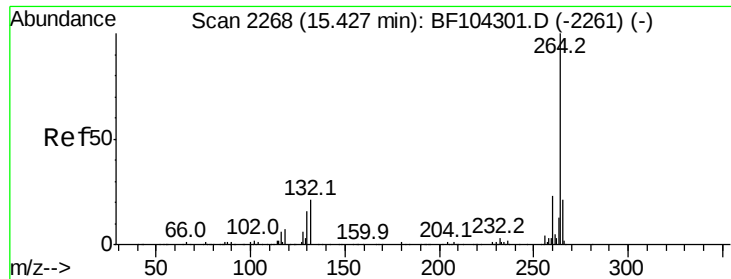
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.5	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 54.149 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	25.1	20.1	30.1

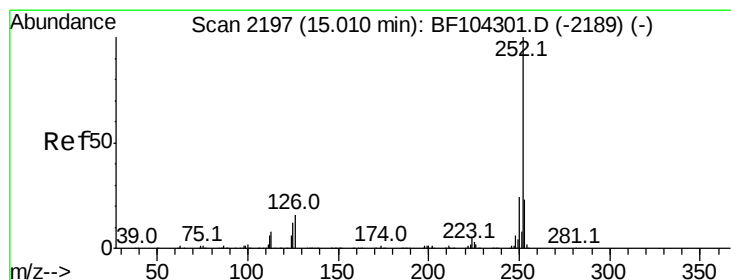
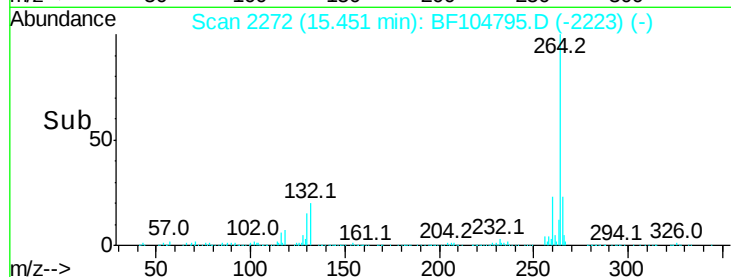
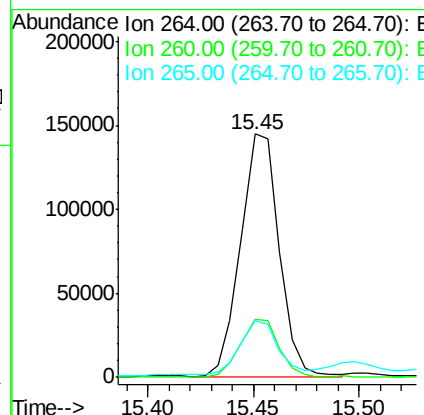
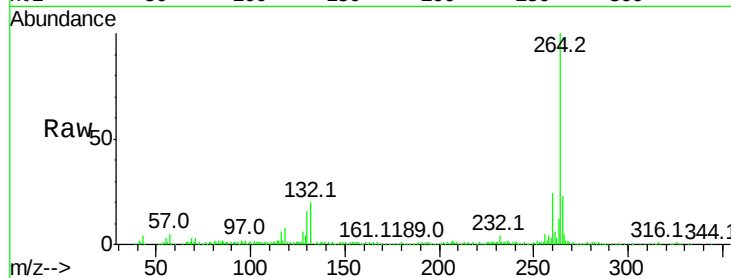




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

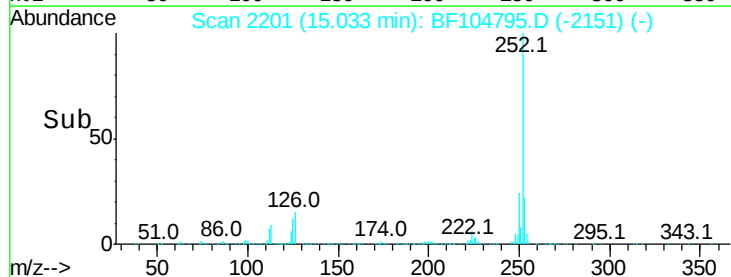
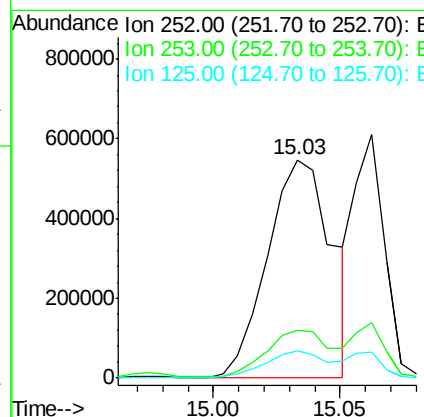
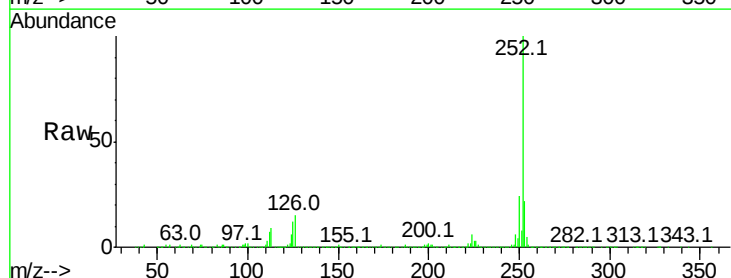
Instrument :
 BNA_F
 ClientSampleId :

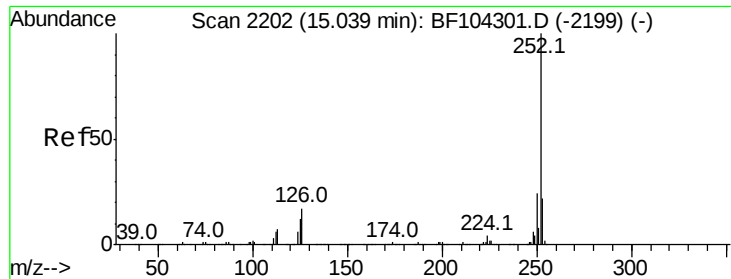
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.3	17.5	26.3



#87
 Benzo(b)fluoranthene
 Concen: 83.491 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BF104795.D
 Acq: 25 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.2	9.0	13.6

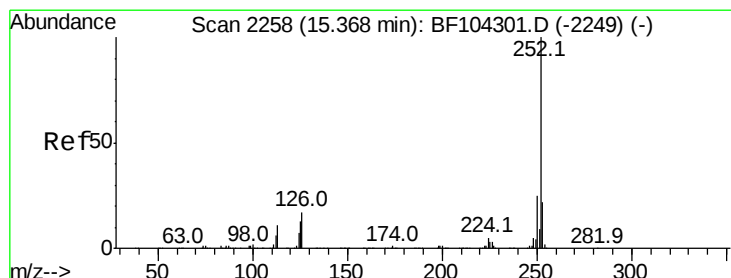
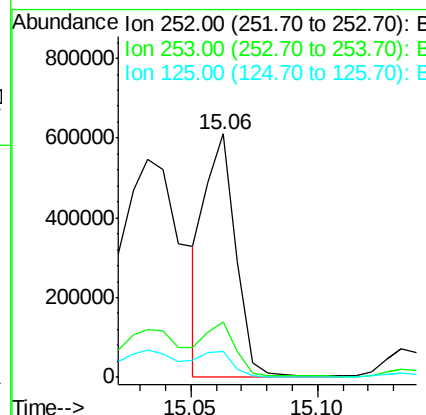
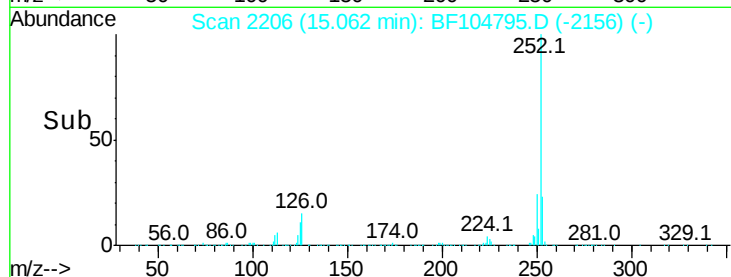
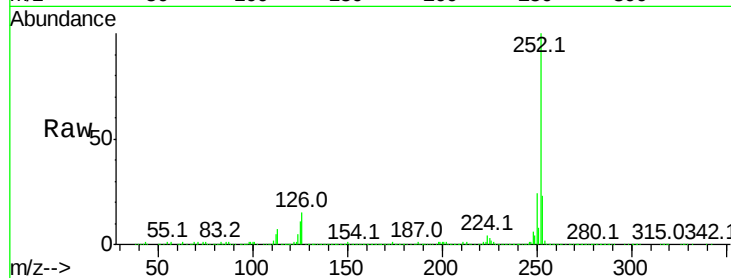




#88
Benzo(k)fluoranthene
Concen: 46.765 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

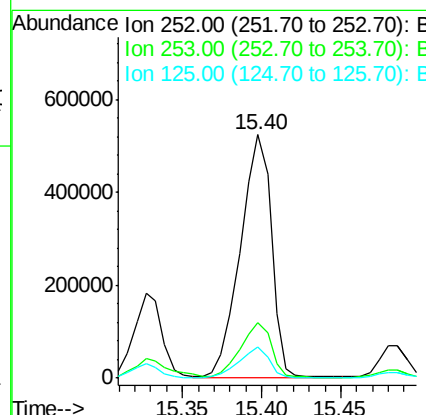
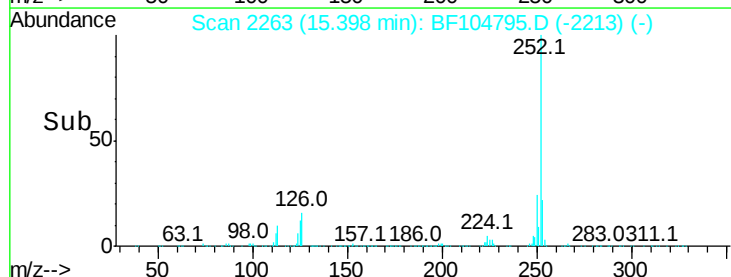
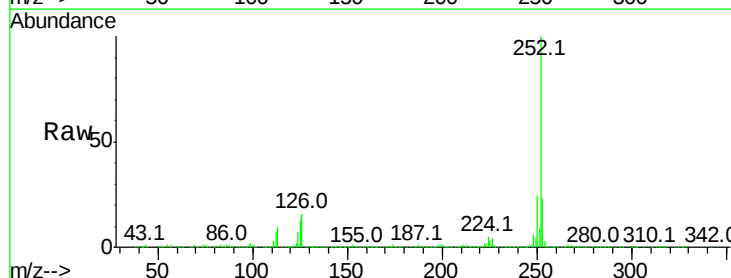
Instrument :
BNA_F
ClientSampleId :

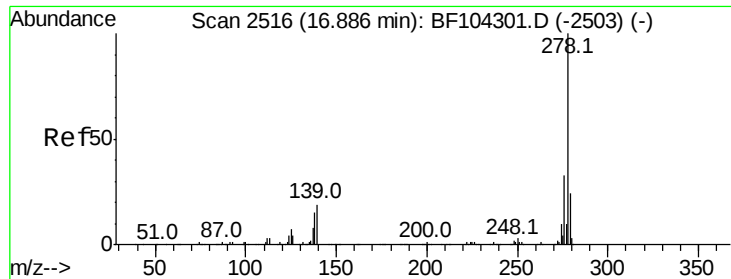
Tot Ion:252 Resp: 509097
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 69.020 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion:252 Resp: 712093
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 12.5 9.8 14.6

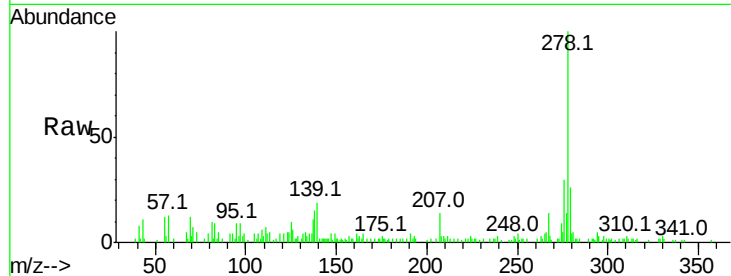




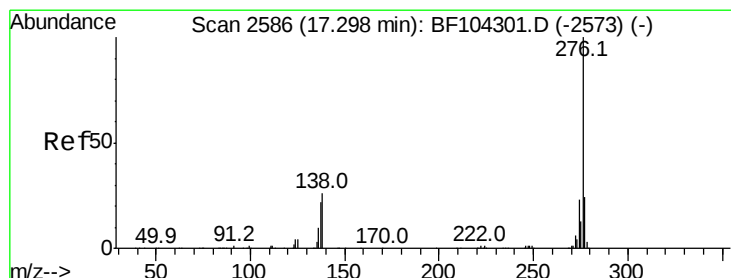
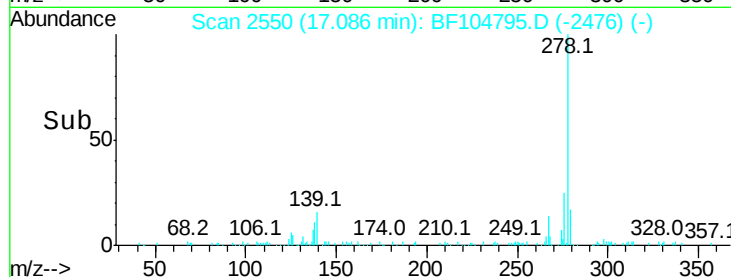
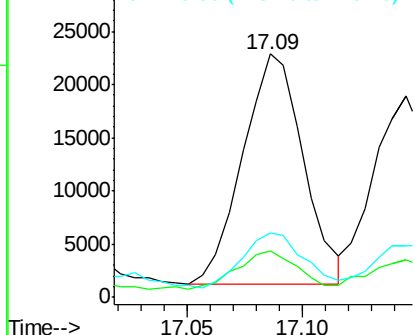
#90
Dibenzo(a,h)anthracene
Concen: 4.643 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.14 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 39343
Ion Ratio Lower Upper
278 100
139 19.3 15.9 23.9
279 26.4 19.0 28.4

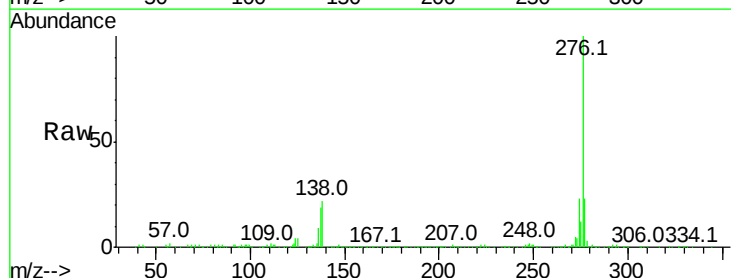


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 53.683 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BF104795.D
Acq: 25 Apr 2018 18:06

Tgt Ion:276 Resp: 440711
Ion Ratio Lower Upper
276 100
277 22.8 17.9 26.9
138 22.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

