

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104629.D
 Acq On : 19 Apr 2018 14:18
 Operator : JU/SJ
 Sample : PB108328BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 16:23:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133304	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	513558	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	207177	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	306292	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269672	20.00	ng	-0.01
86) Perylene-d12	15.44	264	303207	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	640268	73.44	ng	0.01
7) Phenol-d6	6.45	99	750846	70.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	704008	89.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	150398	69.98	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1139252	86.87	ng	0.00
78) Terphenyl-d14	12.92	244	895356	75.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	140810	34.663	ng	# 89
3) Pyridine	3.32	79	401015	35.111	ng	# 86
4) n-Nitrosodimethylamine	3.29	42	151816	38.026	ng	# 77
6) Aniline	6.46	93	138826	9.328	ng	# 1
8) 2-Chlorophenol	6.59	128	351874	38.240	ng	94
9) Benzaldehyde	6.35	77	217721	40.270	ng	99
10) Phenol	6.46	94	400956	35.278	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	336173	37.065	ng	96
12) 1,3-Dichlorobenzene	6.75	146	384984	36.931	ng	99
13) 1,4-Dichlorobenzene	6.82	146	386916	37.234	ng	99
14) 1,2-Dichlorobenzene	6.97	146	358736	37.253	ng	99
15) Benzyl Alcohol	6.95	79	269699	33.150	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	427200	35.073	ng	84
17) 2-Methylphenol	7.06	107	277232	34.660	ng	95
18) Hexachloroethane	7.32	117	142021	38.333	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	230876	32.984	ng	92
20) 3+4-Methylphenols	7.22	107	337097	33.981	ng	# 88
22) Acetophenone	7.22	105	468382	37.045	ng	98
24) Nitrobenzene	7.39	77	357596	41.182	ng	94
25) Isophorone	7.63	82	639680	38.462	ng	98
26) 2-Nitrophenol	7.70	139	185732	52.541	ng	97
27) 2,4-Dimethylphenol	7.75	122	282700	38.515	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	409261	40.248	ng	99
29) 2,4-Dichlorophenol	7.95	162	260500	37.196	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	297991	38.771	ng	99
31) Naphthalene	8.11	128	971686	37.997	ng	99
32) Benzoic acid	7.86	122	117847	20.123	ng	98
33) 4-Chloroaniline	8.16	127	52649	4.806	ng	96
34) Hexachlorobutadiene	8.22	225	161895	38.456	ng	99
35) Caprolactam	8.53	113	83342	34.113	ng	# 81
36) 4-Chloro-3-methylphenol	8.65	107	243745	32.458	ng	98
37) 2-Methylnaphthalene	8.80	142	619987	37.481	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	262476	44.258	ng	99
40) Hexachlorocyclopentadiene	8.95	237	218060	65.678	ng	98

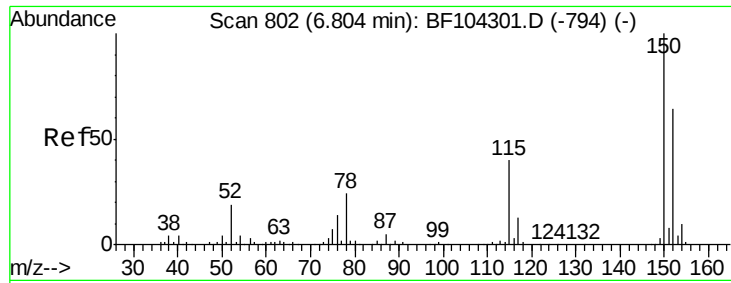
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	163207	39.643	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	161087	34.966	ng	97
45) 1,1'-Biphenyl	9.26	154	700646	40.257	ng	100
46) 2-Chloronaphthalene	9.29	162	552165	40.166	ng	98
47) 2-Nitroaniline	9.39	65	141794	41.708	ng	90
48) Acenaphthylene	9.70	152	799989	37.090	ng	100
49) Dimethylphthalate	9.56	163	603966	36.968	ng	100
50) 2,6-Dinitrotoluene	9.63	165	133064	44.016	ng #	84
51) Acenaphthene	9.87	154	473307	35.966	ng	99
52) 3-Nitroaniline	9.80	138	52767	14.910	ng	96
53) 2,4-Dinitrophenol	9.91	184	51473	50.570	ng #	19
54) Dibenzofuran	10.05	168	688565	37.545	ng	99
55) 4-Nitrophenol	9.97	139	184406	66.331	ng	96
56) 2,4-Dinitrotoluene	10.03	165	165509	41.738	ng	96
57) Fluorene	10.39	166	513221	38.446	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	121645	35.393	ng	95
59) Diethylphthalate	10.26	149	559724	34.400	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	238267	40.079	ng	95
61) 4-Nitroaniline	10.41	138	101817	29.423	ng	98
62) Azobenzene	10.55	77	535343	34.438	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	44910	32.845	ng	92
65) n-Nitrosodiphenylamine	10.50	169	437074	41.156	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	140089	42.999	ng	90
67) Hexachlorobenzene	10.94	284	164184	44.787	ng #	89
68) Atrazine	11.03	200	127790	39.865	ng	98
69) Pentachlorophenol	11.14	266	135909	59.927	ng	96
70) Phenanthrene	11.36	178	684014	40.101	ng	99
71) Anthracene	11.41	178	703560	40.577	ng	98
72) Carbazole	11.56	167	609513	35.974	ng	100
73) Di-n-butylphthalate	11.89	149	768211	37.117	ng	98
74) Fluoranthene	12.55	202	680619	38.191	ng	97
76) Benzidine	12.67	184	230901	21.607	ng	98
77) Pyrene	12.77	202	691116	34.575	ng	99
79) Butylbenzylphthalate	13.39	149	339909	36.095	ng	99
80) Benzo(a)anthracene	13.97	228	678924	42.142	ng	100
81) 3,3'-Dichlorobenzidine	13.93	252	170317	28.354	ng	99
82) Chrysene	14.00	228	644103	38.923	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	466437	38.508	ng	100
84) Di-n-octyl phthalate	14.57	149	845974	41.798	ng #	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	740225	52.658	ng	98
87) Benzo(b)fluoranthene	15.02	252	708084	36.976	ng	98
88) Benzo(k)fluoranthene	15.04	252	696733	38.538	ng	100
89) Benzo(a)pyrene	15.38	252	702781	41.016	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	605385	43.019	ng	98
91) Benzo(g,h,i)perylene	17.33	276	601078	44.087	ng	97

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

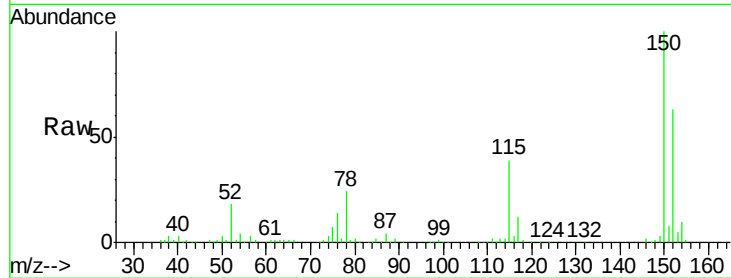


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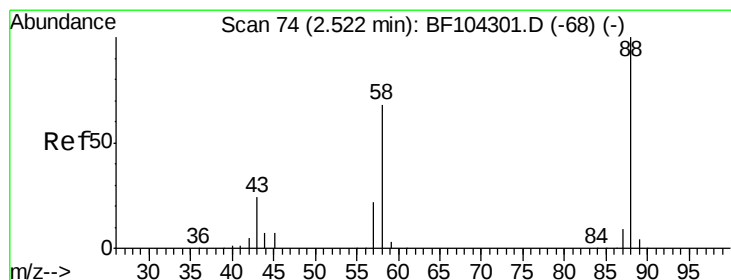
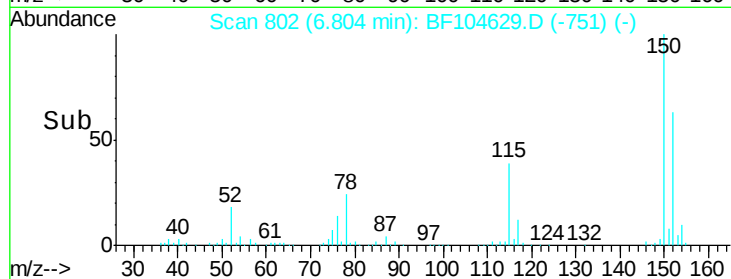
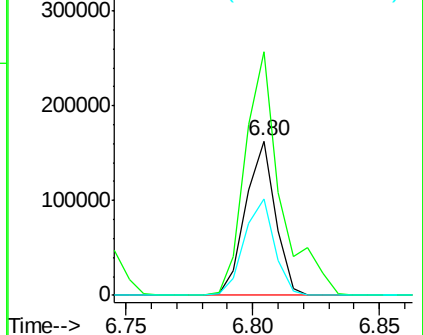
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133304
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.2 50.1 75.1



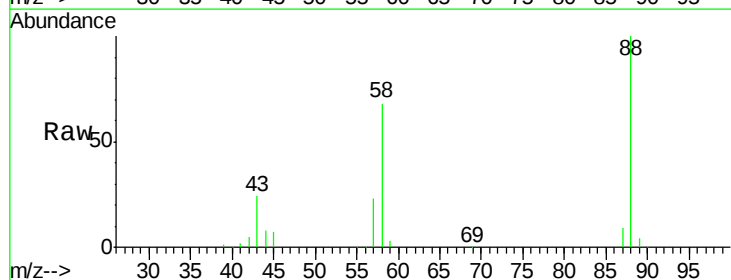
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



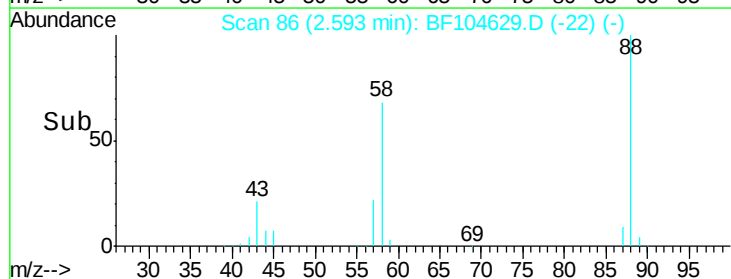
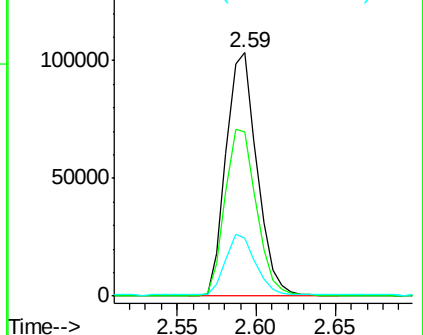
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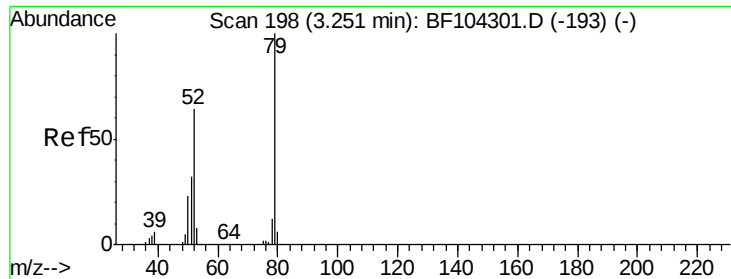
1,4-Dioxane
Concen: 34.663 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion: 88 Resp: 140810
Ion Ratio Lower Upper
88 100
58 69.4 62.6 93.8
43 24.0 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

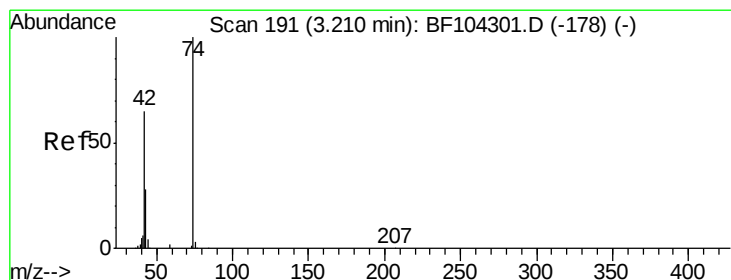
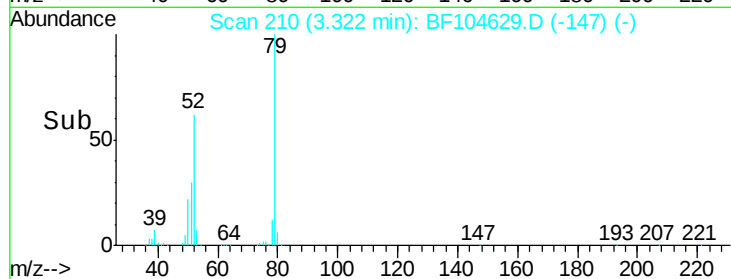
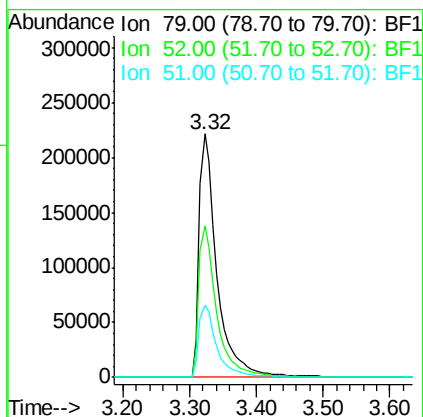
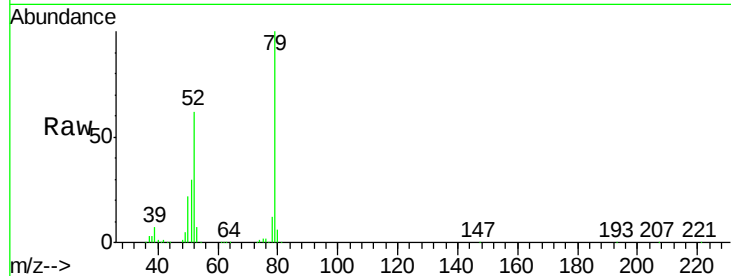




#3
 Pvridine
 Concen: 35.111 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.07 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

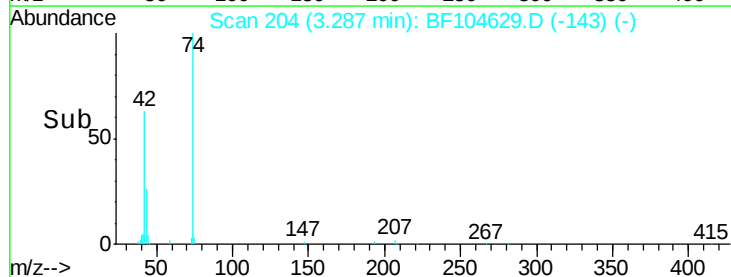
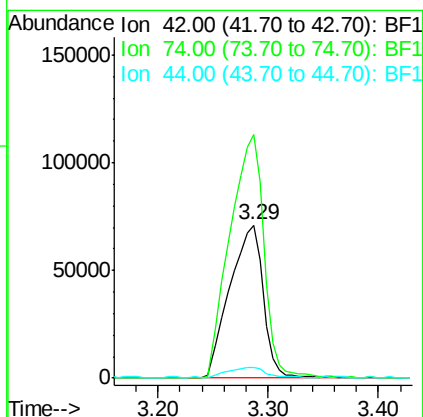
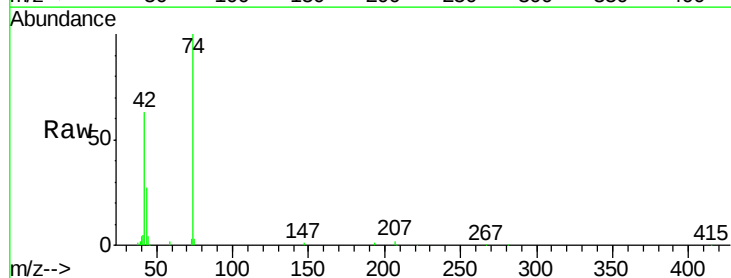
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 401015
 Ion Ratio Lower Upper
 79 100
 52 62.2 59.8 89.6
 51 29.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 38.026 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.06 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion: 42 Resp: 151816
 Ion Ratio Lower Upper
 42 100
 74 159.1 104.9 157.3#
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 73.442 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

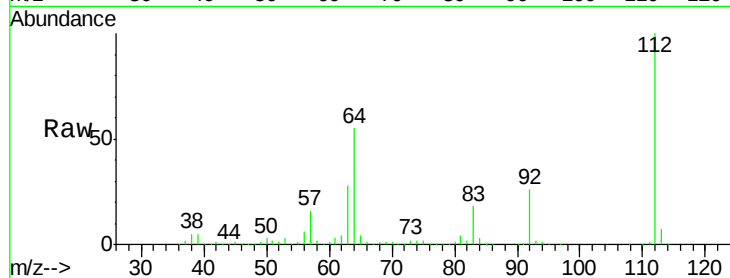
Tot Ion: 112 Resp: 640268

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

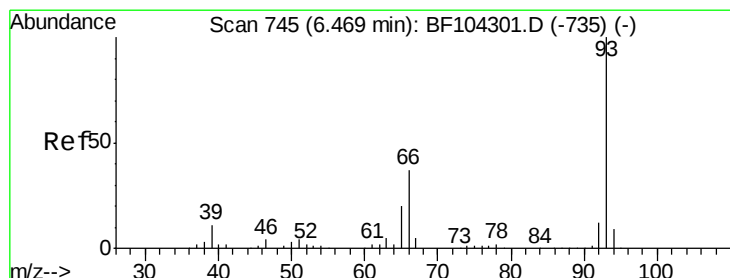
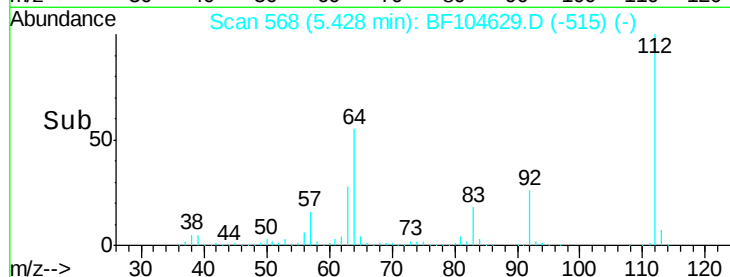
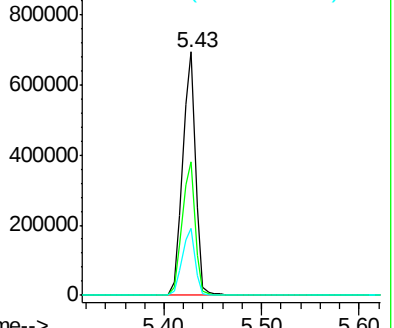
63 27.8 23.7 35.5



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: 9.328 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

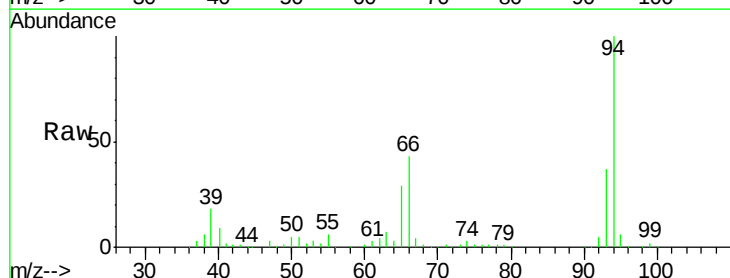
Tgt Ion: 93 Resp: 138826

Ion Ratio Lower Upper

93 100

66 118.5 32.2 48.2#

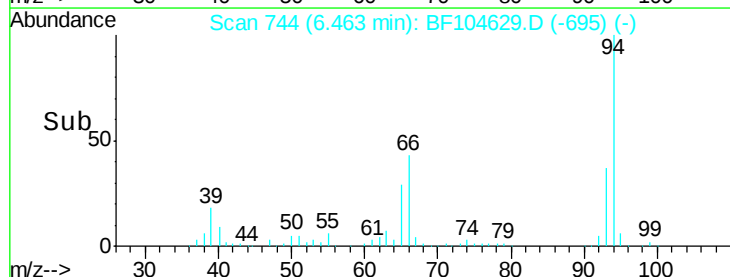
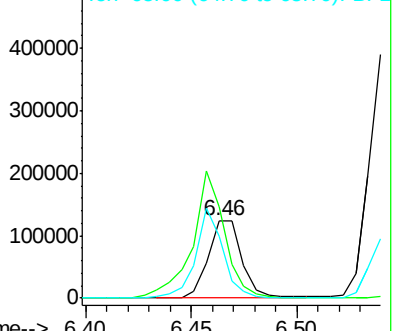
65 80.1 16.4 24.6#



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: 70.096 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampled :

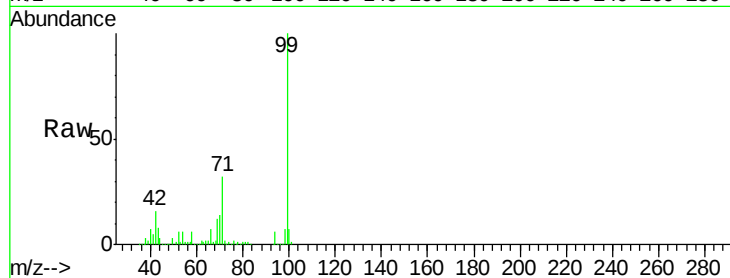
Tot Ion: 99 Resp: 750846

Ion Ratio Lower Upper

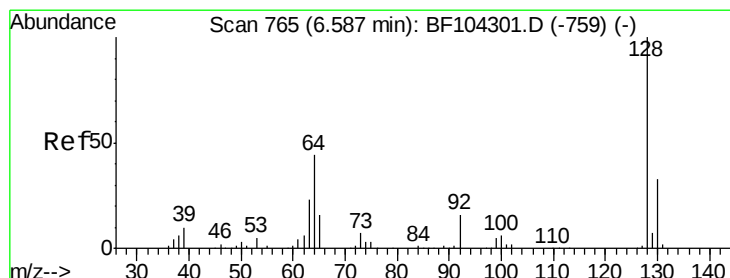
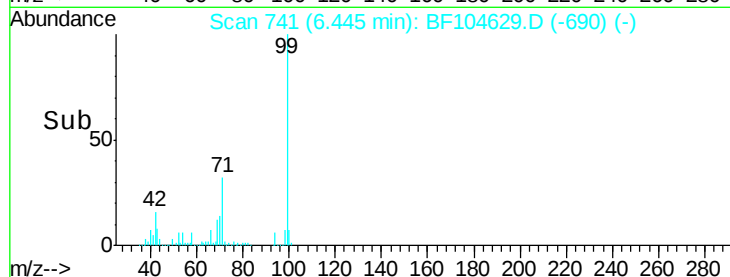
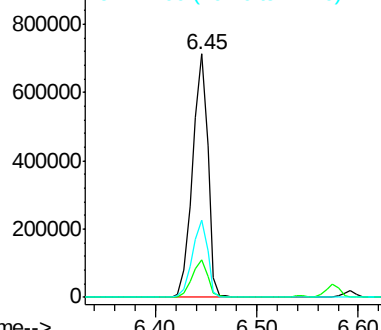
99 100

42 15.6 14.5 21.7

71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.240 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

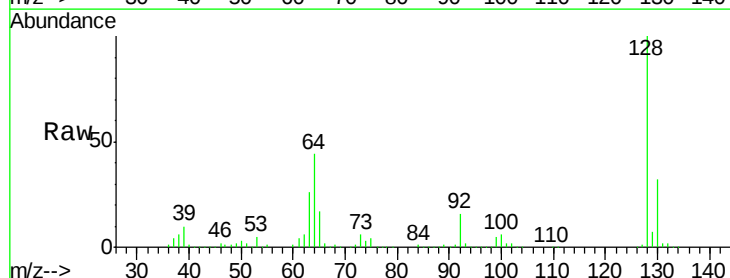
Tgt Ion: 128 Resp: 351874

Ion Ratio Lower Upper

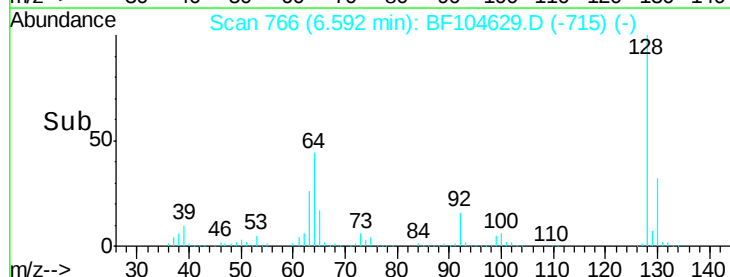
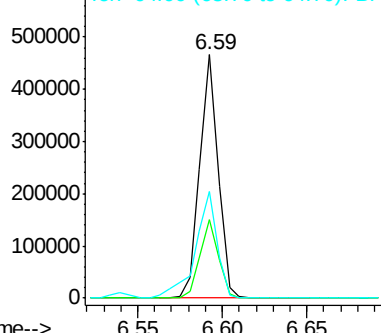
128 100

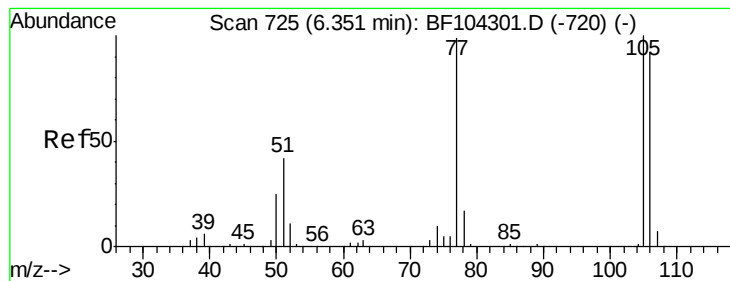
130 32.3 13.0 53.0

64 43.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 40.270 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

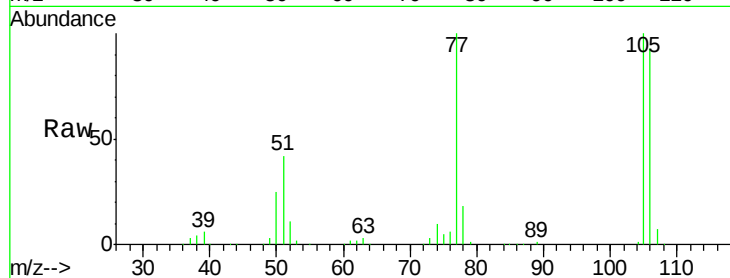
Tot Ion: 77 Resp: 217721

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

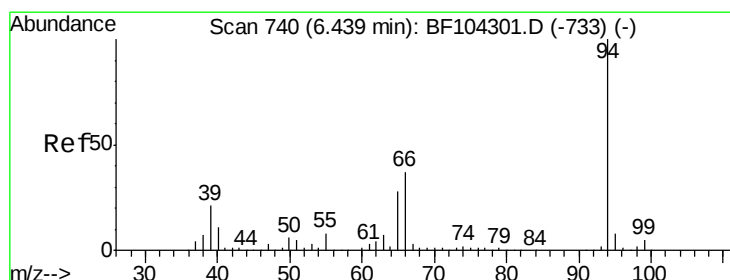
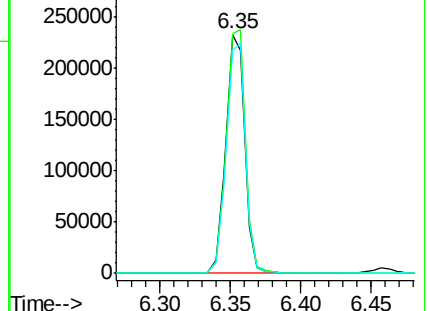
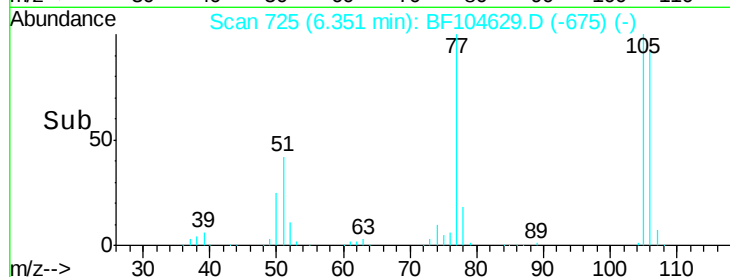
106 93.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.278 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

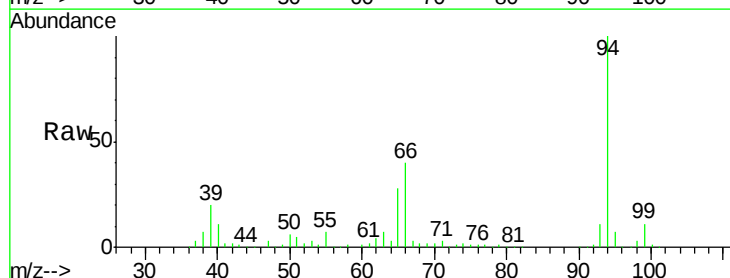
Tgt Ion: 94 Resp: 400956

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

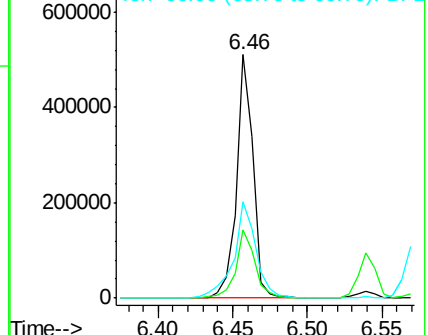
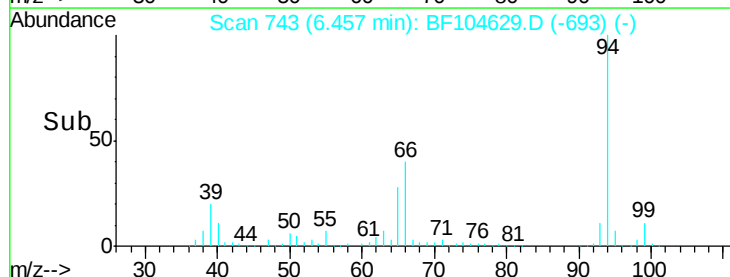
66 39.6 16.2 56.2



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: 37.065 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

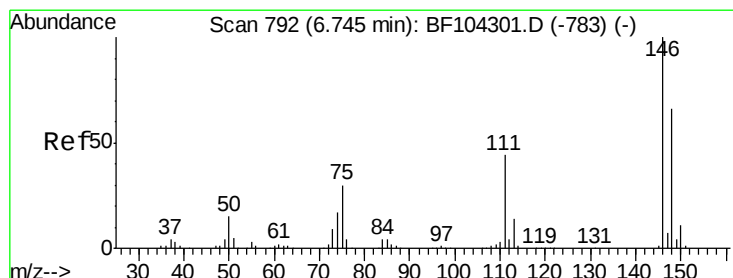
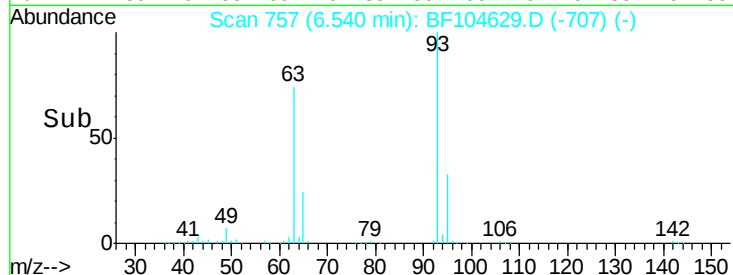
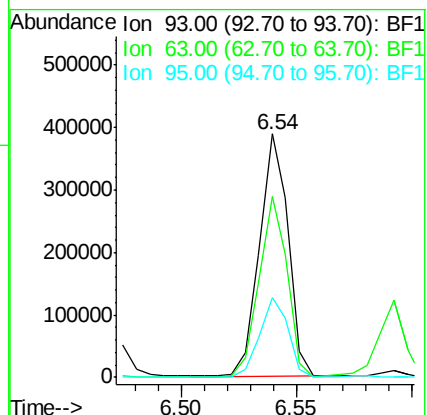
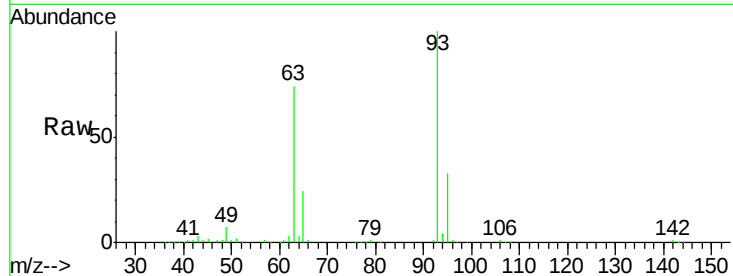
Tot Ion: 93 Resp: 336173

Ion Ratio Lower Upper

93 100

63 74.3 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.931 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

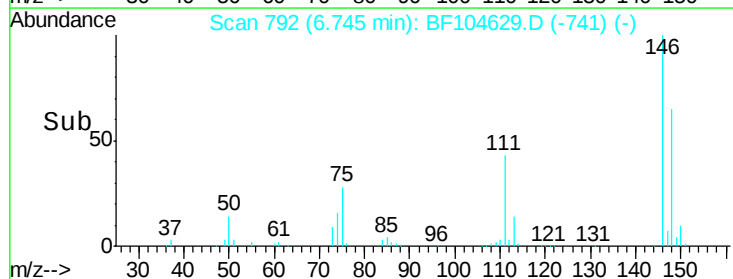
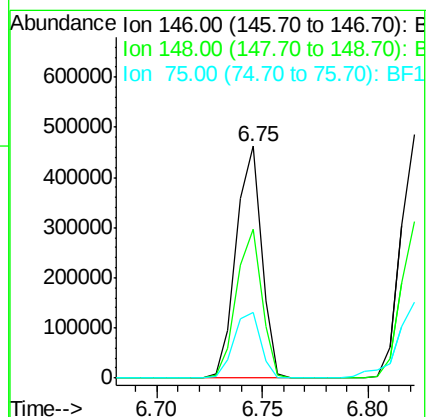
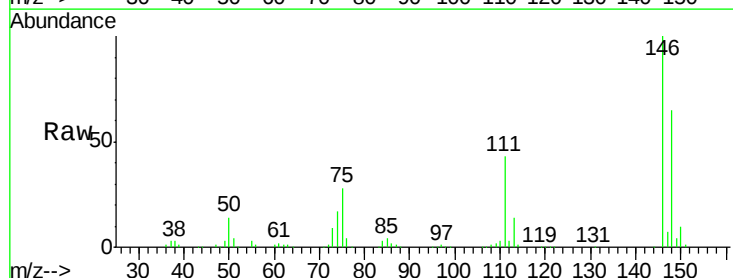
Tgt Ion: 146 Resp: 384984

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 28.4 24.2 36.4

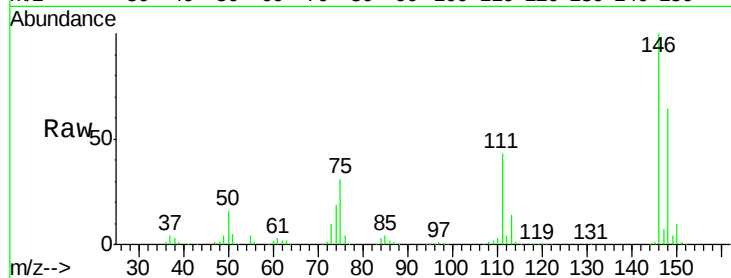




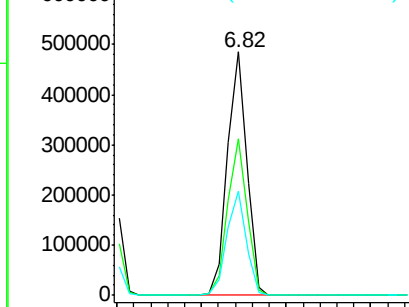
#13
 1,4-Dichlorobenzene
 Concen: 37.234 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :

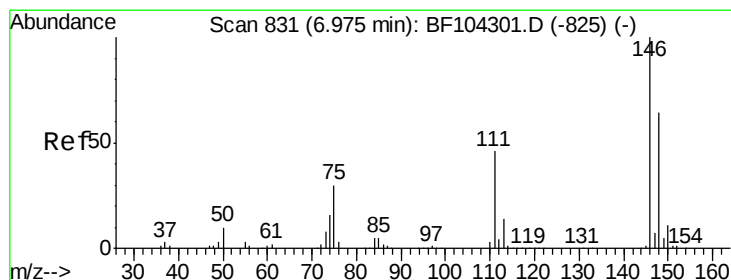
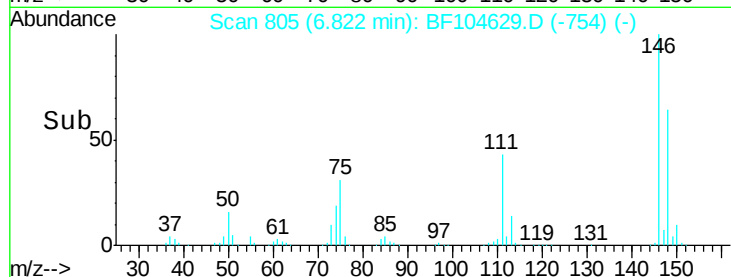
Tot Ion:146 Resp: 386916
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 42.8 34.2 51.2



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

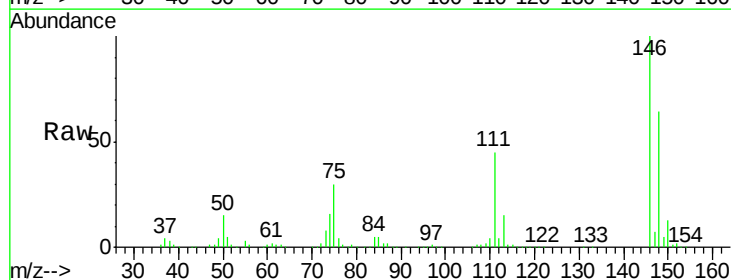


Time--> 6.75 6.80 6.85 6.90

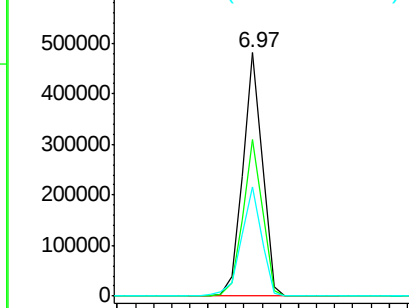


#14
 1,2-Dichlorobenzene
 Concen: 37.253 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

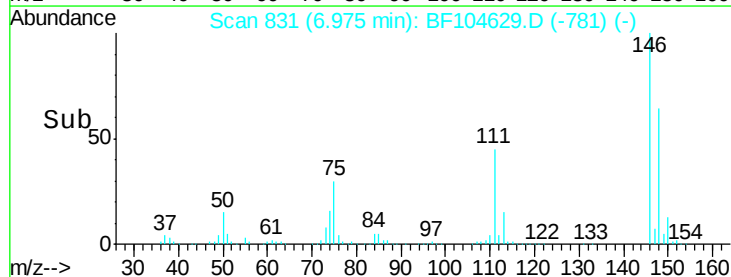
Tgt Ion:146 Resp: 358736
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 44.9 36.0 54.0

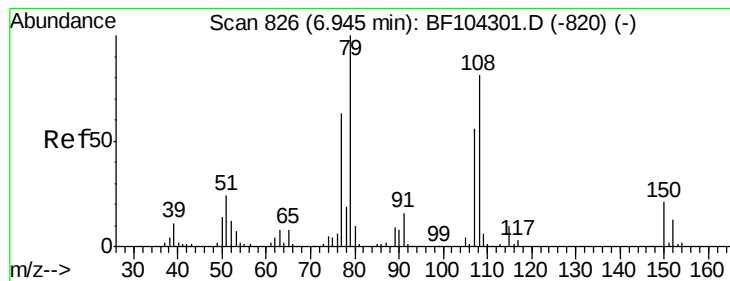


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time--> 6.90 6.95 7.00 7.05





#15

Benzyl Alcohol

Concen: 33.150 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

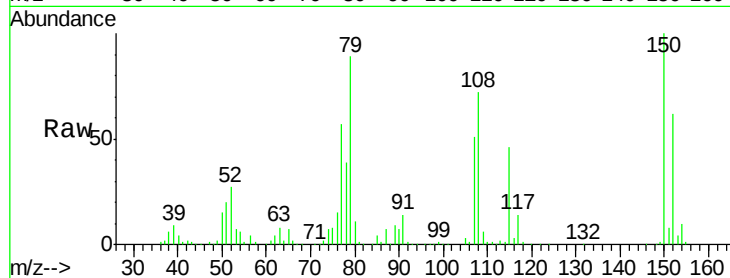
Tot Ion: 79 Resp: 269699

Ion Ratio Lower Upper

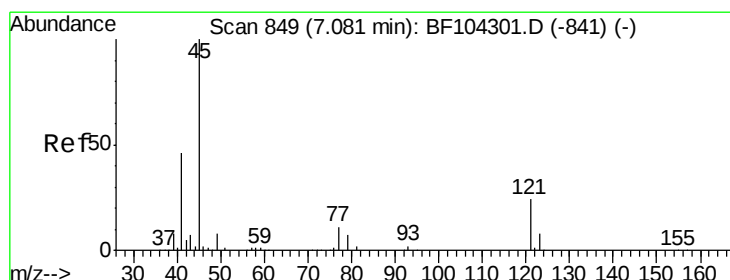
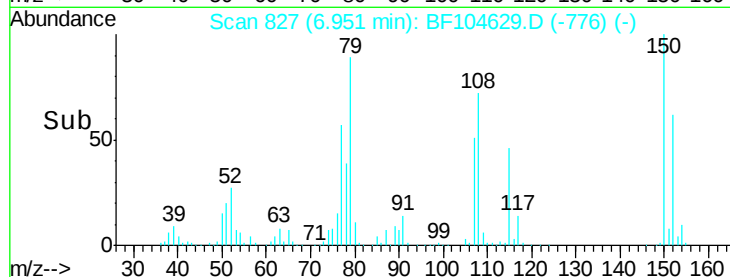
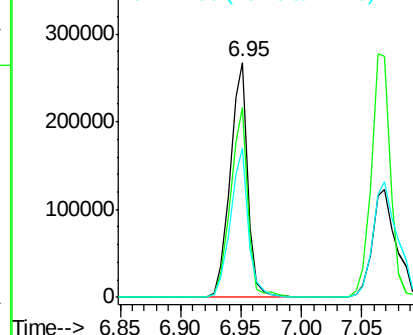
79 100

108 81.1 65.1 97.7

77 63.4 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: 35.073 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

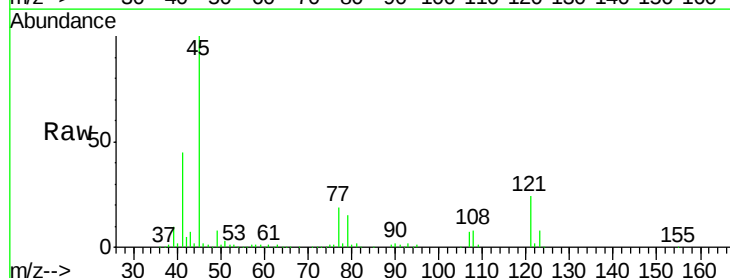
Tgt Ion: 45 Resp: 427200

Ion Ratio Lower Upper

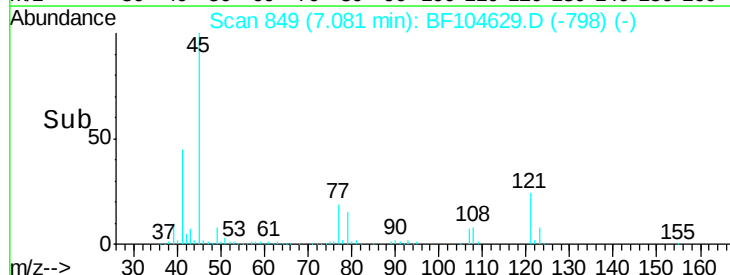
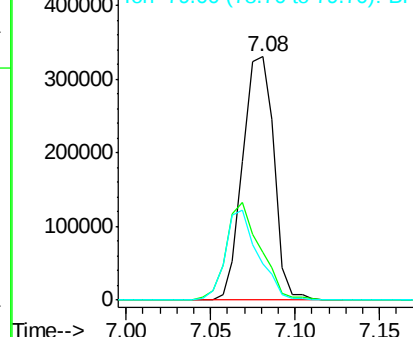
45 100

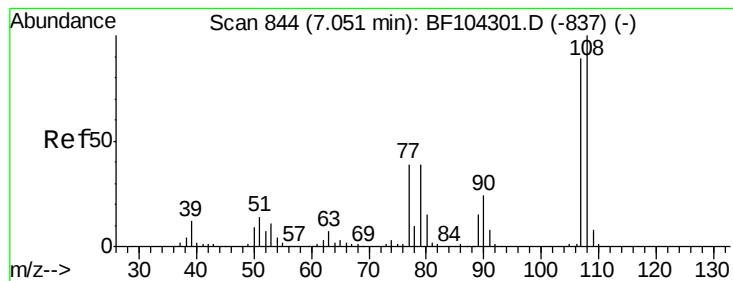
77 19.4 0.0 32.9

79 15.1 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

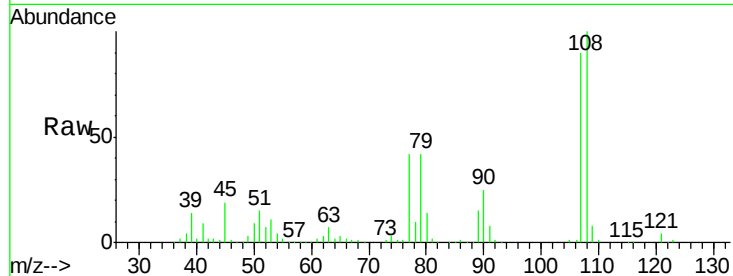




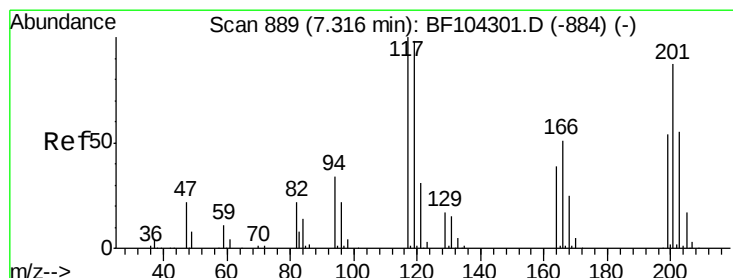
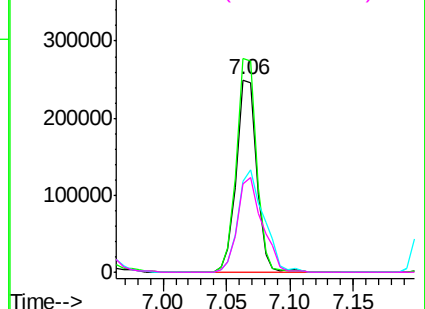
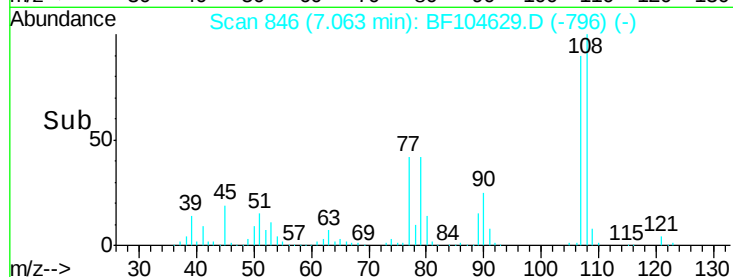
#17
2-Methylphenol
Concen: 34.660 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 277232
Ion Ratio Lower Upper
107 100
108 111.0 91.7 137.5
77 47.0 33.8 50.8
79 46.1 33.8 50.8

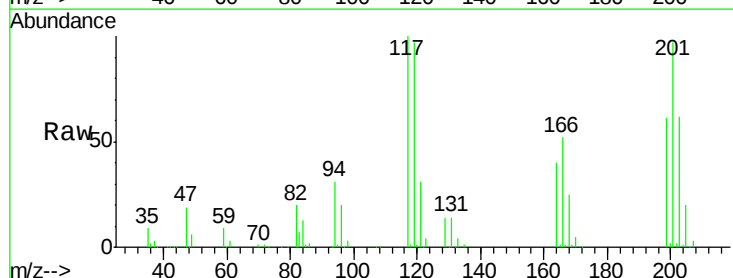


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

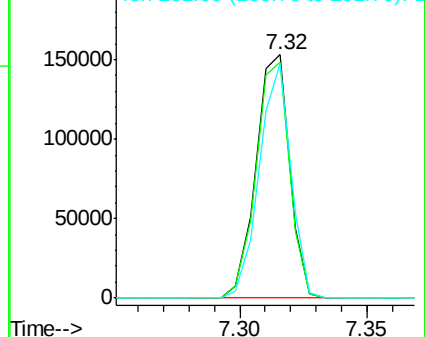
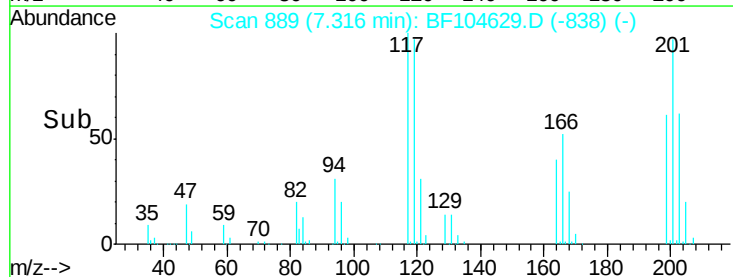


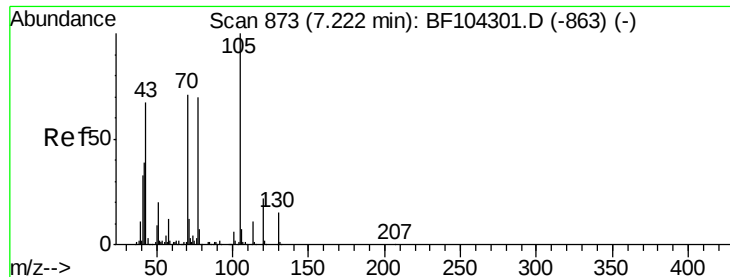
#18
Hexachloroethane
Concen: 38.333 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:117 Resp: 142021
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 96.6 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 32.984 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 230876

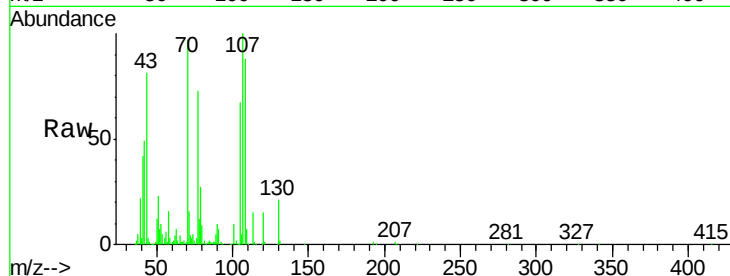
Ion Ratio Lower Upper

70 100

42 51.1 47.5 71.3

101 10.0 7.4 11.2

130 21.9 16.6 25.0

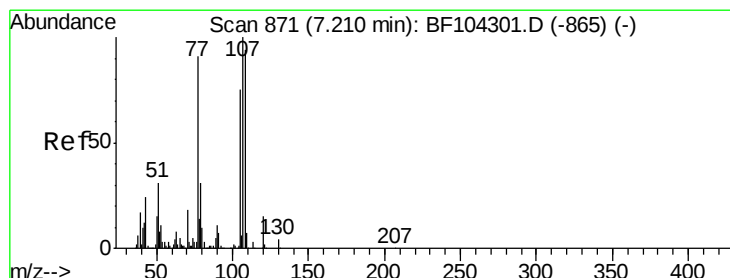
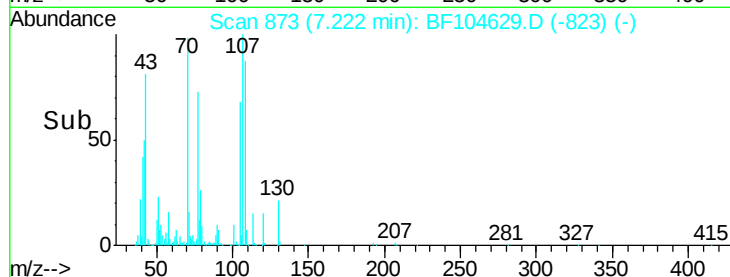
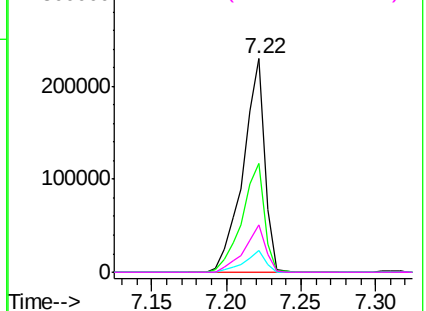


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 33.981 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion: 107 Resp: 337097

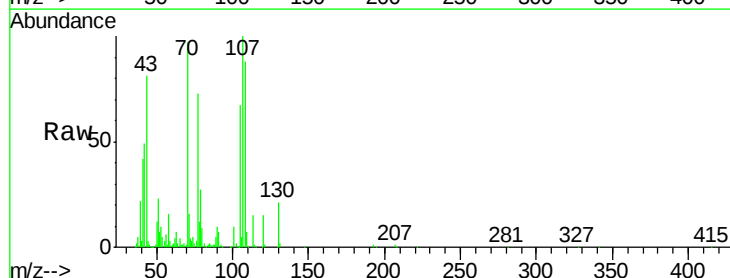
Ion Ratio Lower Upper

107 100

108 87.5 68.2 108.2

77 73.1 26.7 66.7#

79 27.1 6.3 46.3

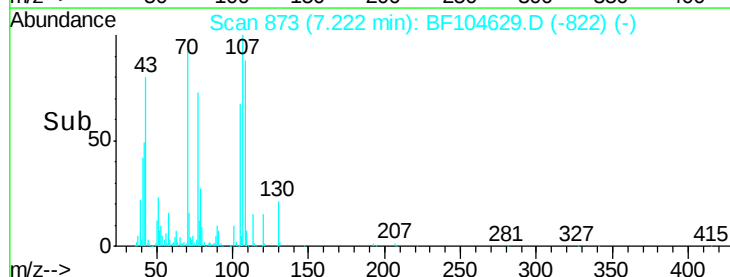
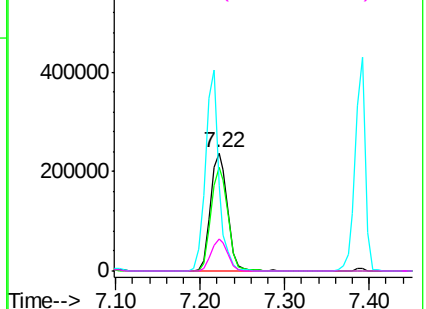


Abundance Ion 107.00 (106.70 to 107.70): BF1

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

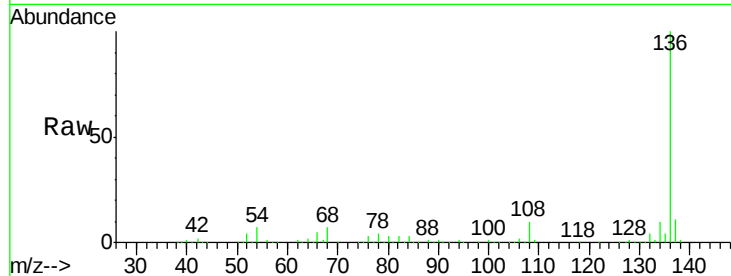




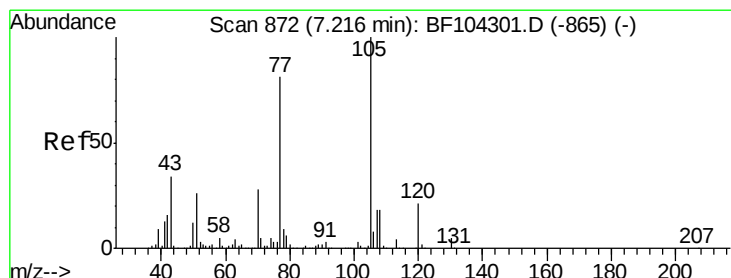
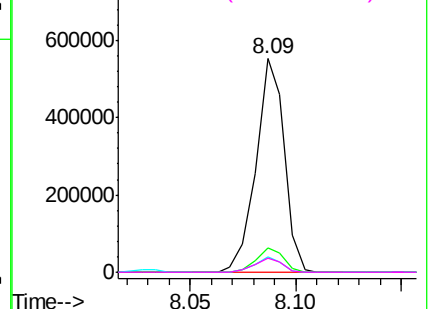
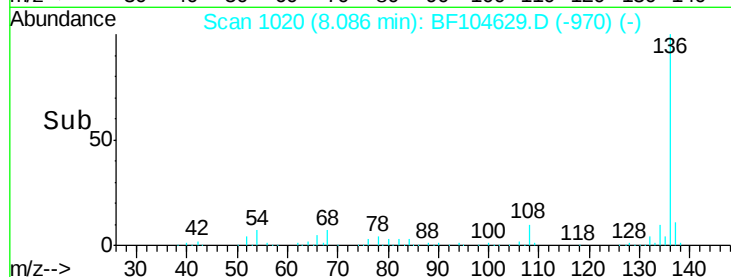
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	513558
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.4	6.6 9.8
68	6.5	5.0 7.4

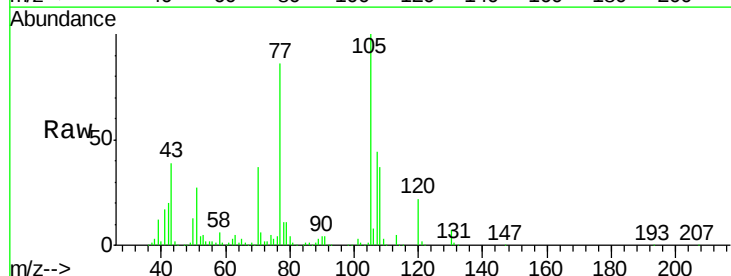


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

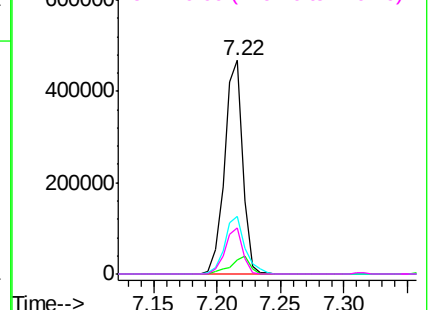
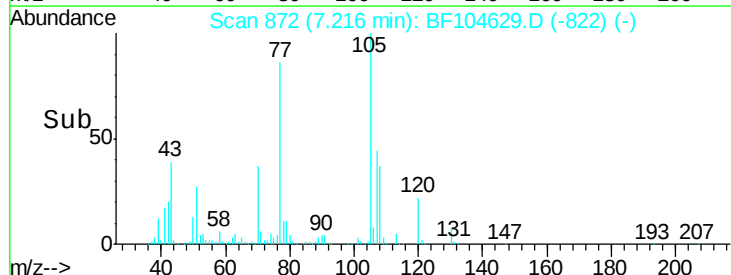


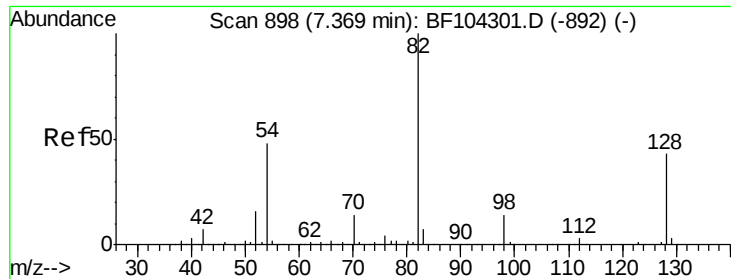
#22
Acetophenone
Concen: 37.045 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:105	Resp:	468382
Ion Ratio	Lower	Upper
105	100	
71	6.4	4.4 6.6
51	26.9	22.3 33.5
120	21.6	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

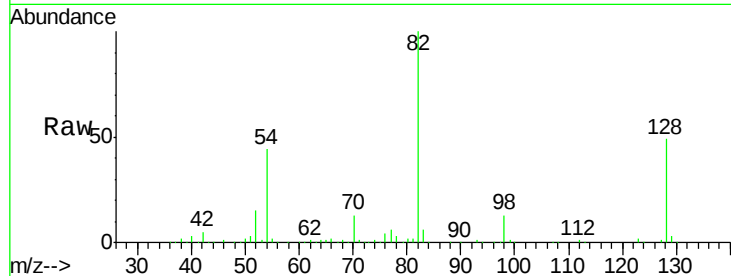




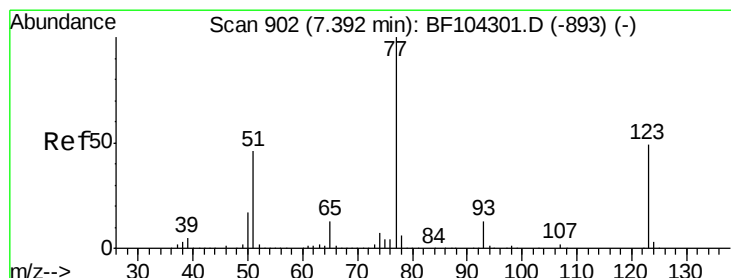
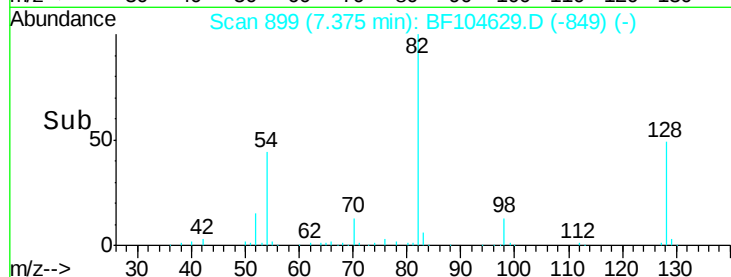
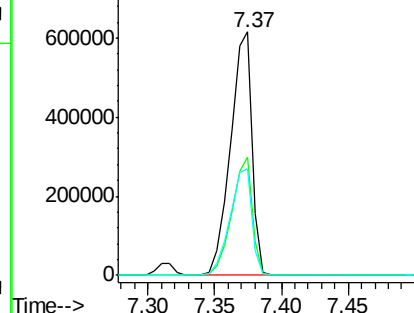
#23
 Nitrobenzene-d5
 Concen: 89.513 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 704008
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 43.7 41.4 62.2

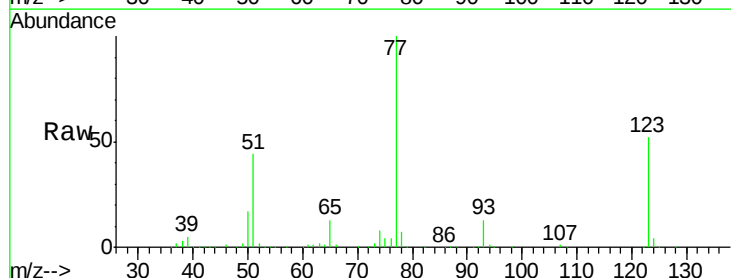


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

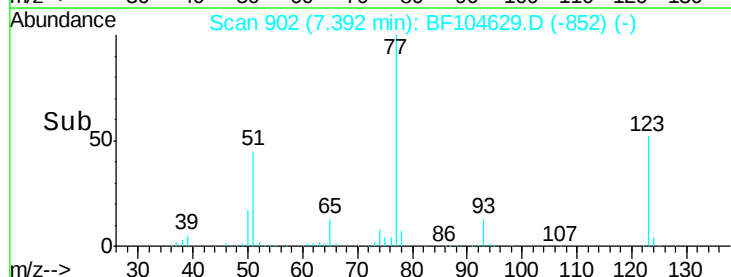
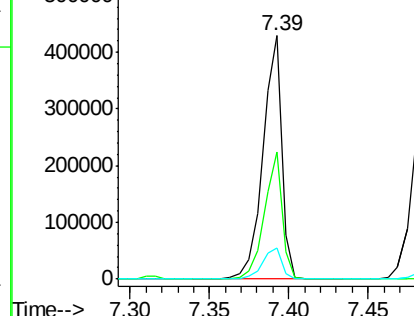


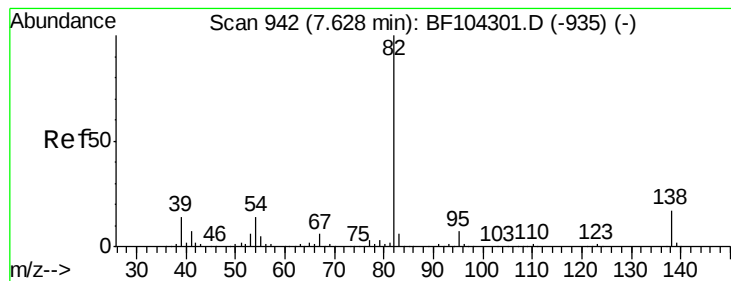
#24
 Nitrobenzene
 Concen: 41.182 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion: 77 Resp: 357596
 Ion Ratio Lower Upper
 77 100
 123 52.2 37.9 56.9
 65 12.9 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: 38.462 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

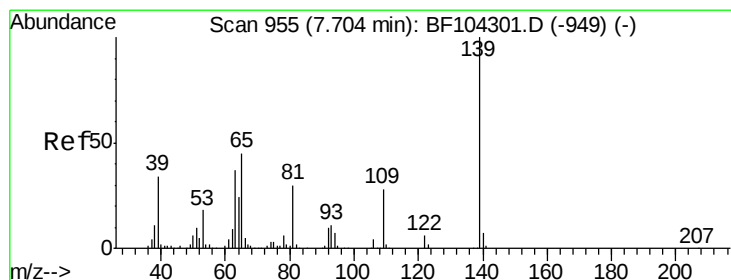
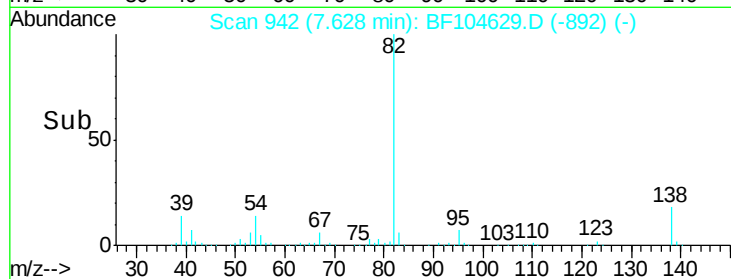
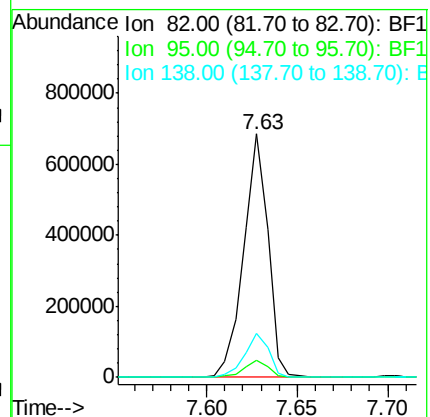
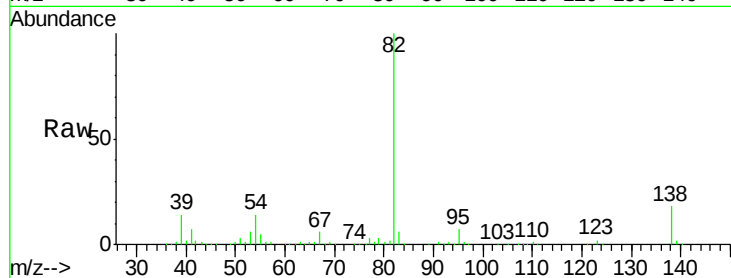
Tot Ion: 82 Resp: 639680

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 52.541 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

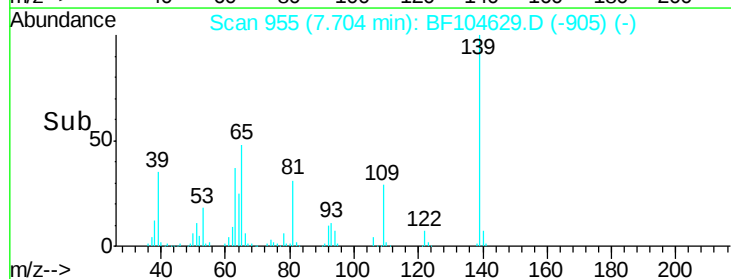
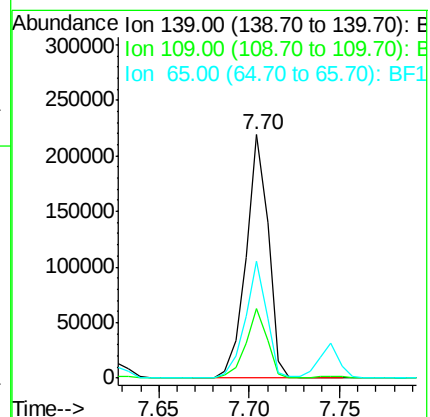
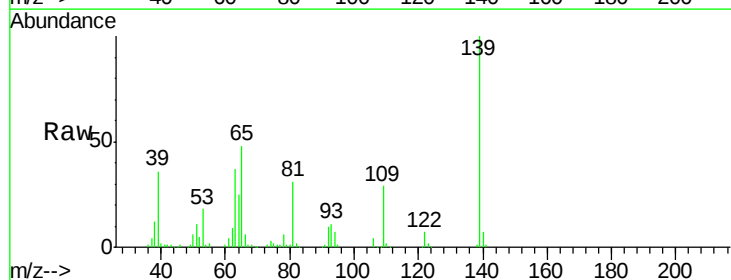
Tgt Ion: 139 Resp: 185732

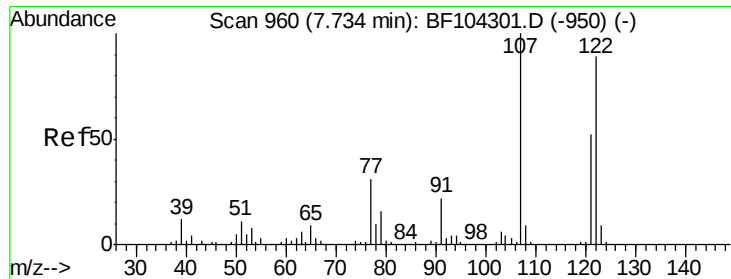
Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

65 47.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.515 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampled :

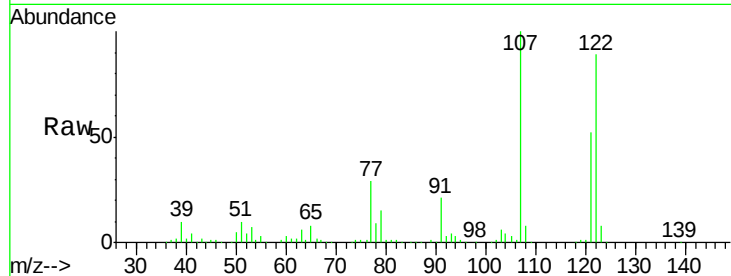
Tot Ion:122 Resp: 282700

Ion Ratio Lower Upper

122 100

107 112.7 91.2 136.8

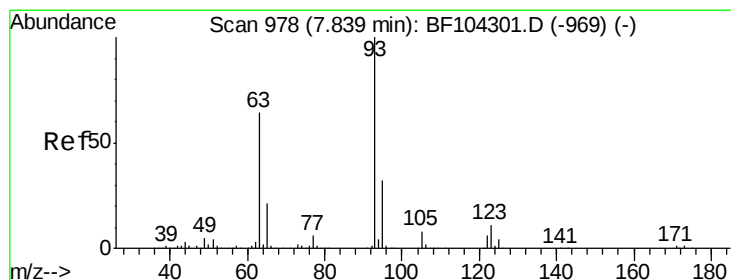
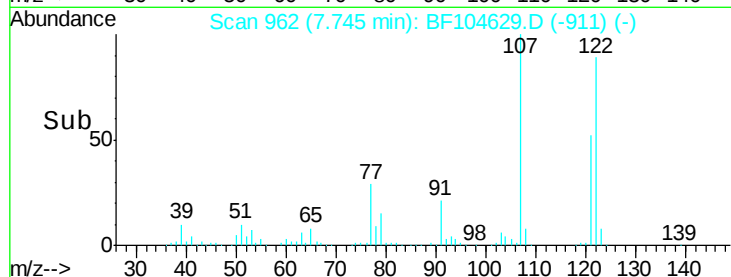
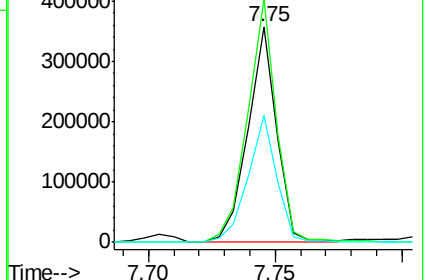
121 59.1 47.2 70.8



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: 40.248 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

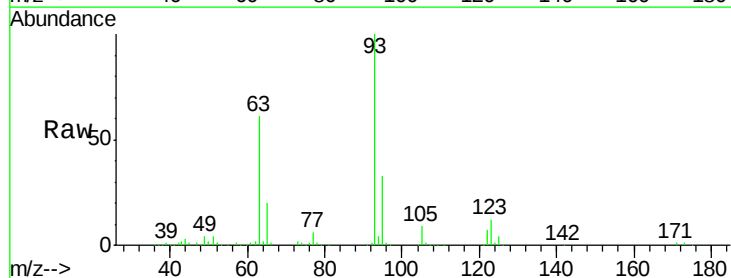
Tgt Ion: 93 Resp: 409261

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

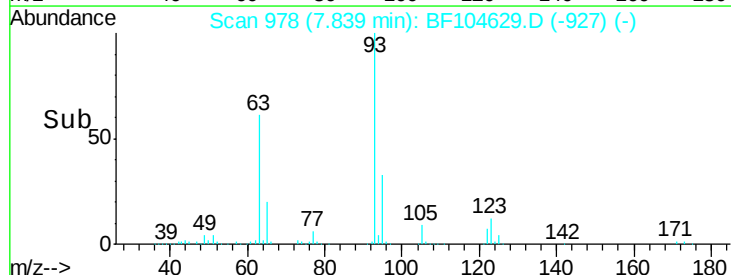
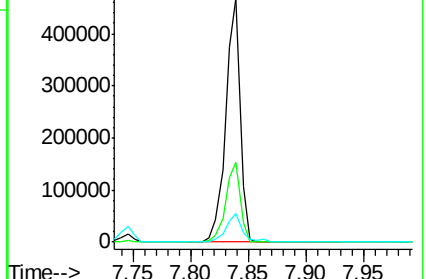
123 11.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.196 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

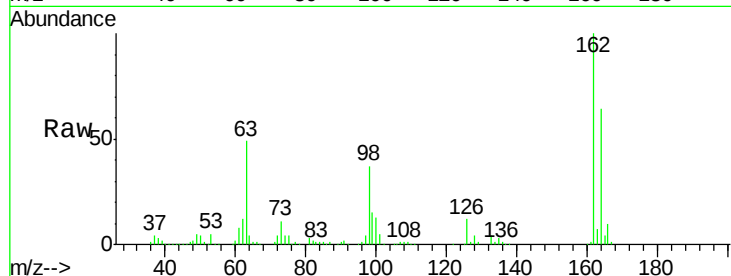
Tot Ion:162 Resp: 260500

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

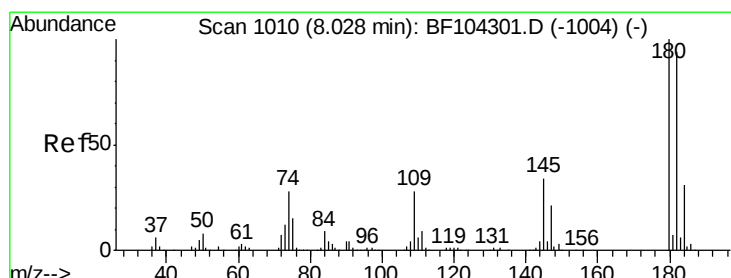
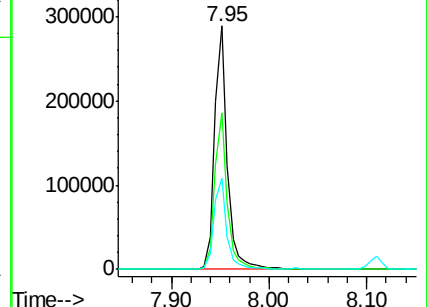
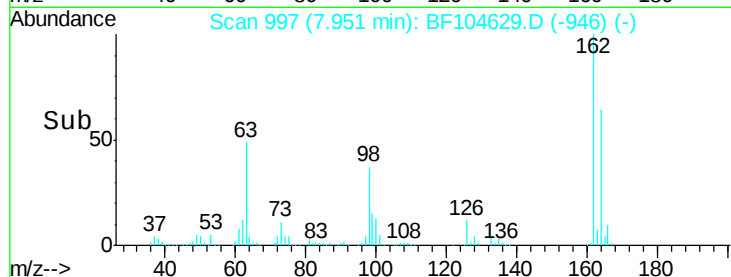
98 37.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.771 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

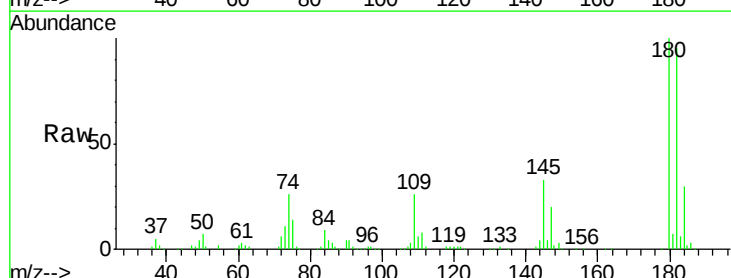
Tgt Ion:180 Resp: 297991

Ion Ratio Lower Upper

180 100

182 94.6 76.8 115.2

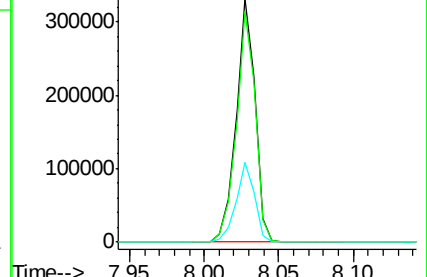
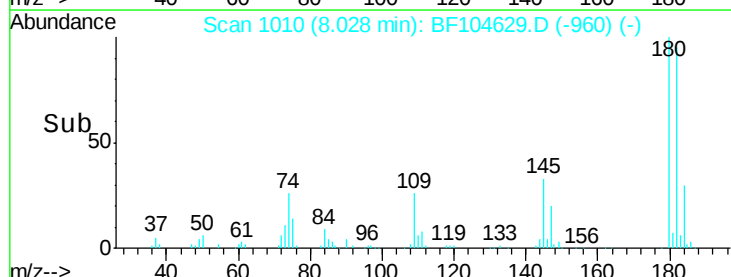
145 32.8 26.5 39.7

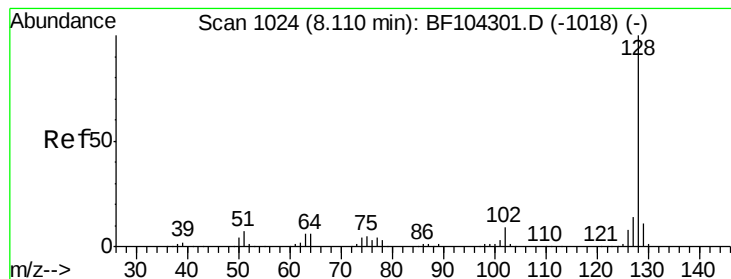


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.997 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampled :

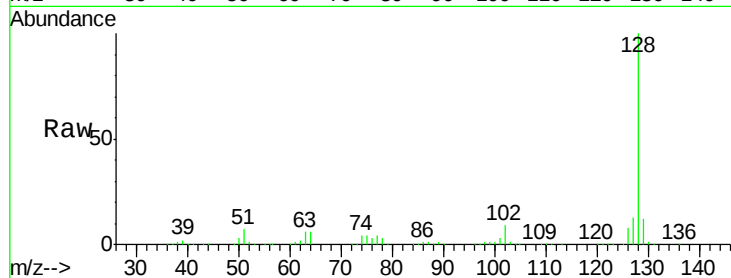
Tot Ion:128 Resp: 971686

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

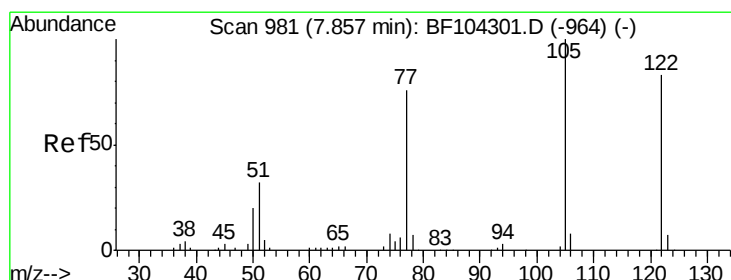
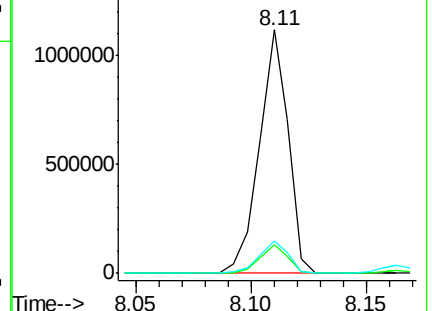
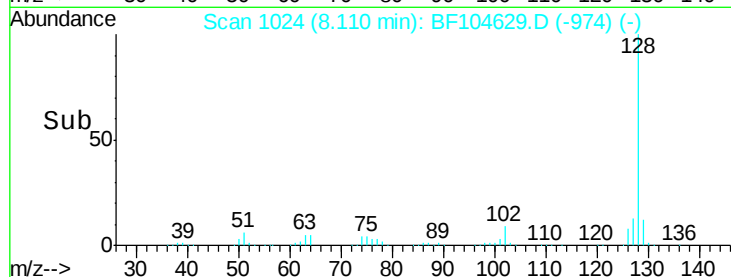
127 13.4 10.9 16.3



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: 20.123 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

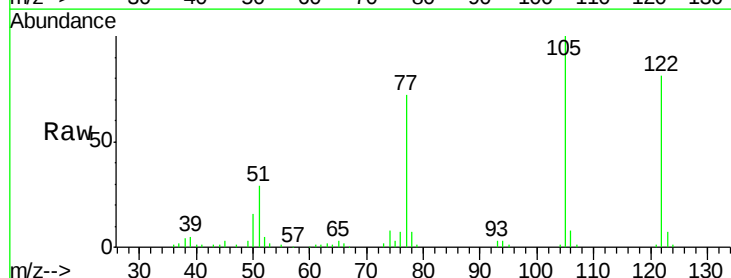
Tgt Ion:122 Resp: 117847

Ion Ratio Lower Upper

122 100

105 123.2 101.1 141.1

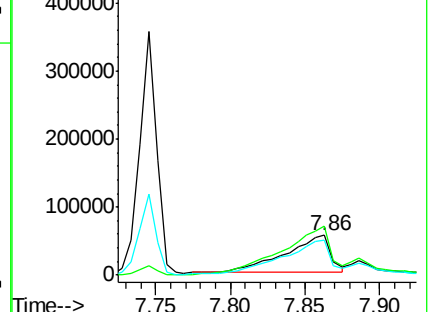
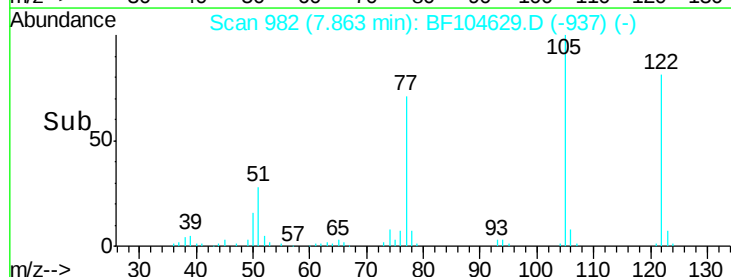
77 88.7 70.7 110.7

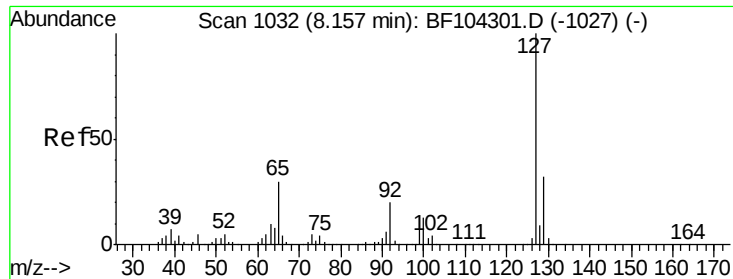


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

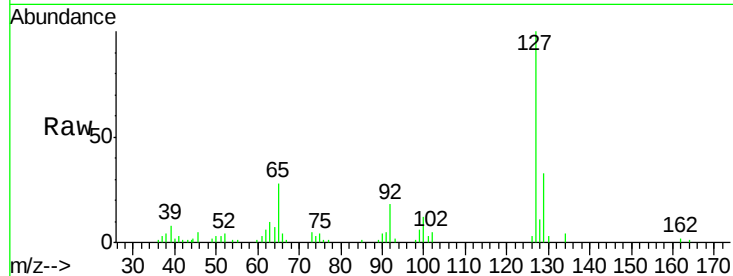




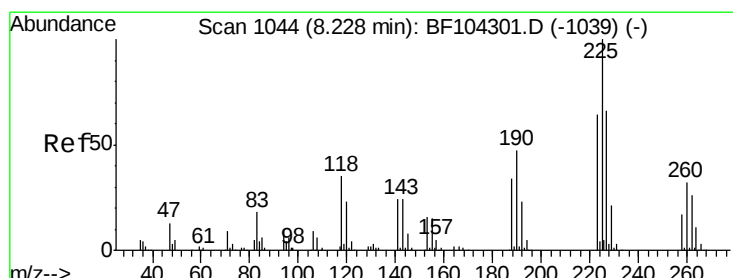
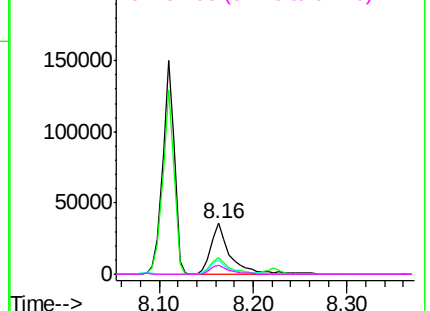
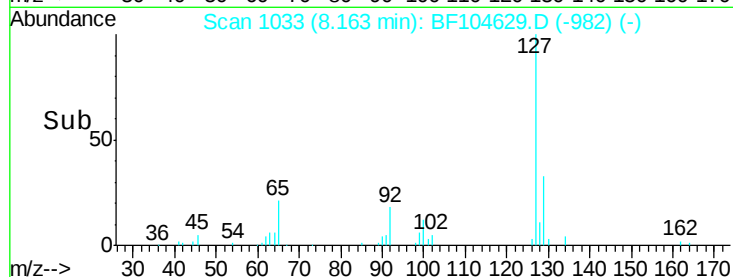
#33
4-Chloroaniline
Concen: 4.806 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	52649
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	27.5	25.0	37.4
92	17.6	15.2	22.8

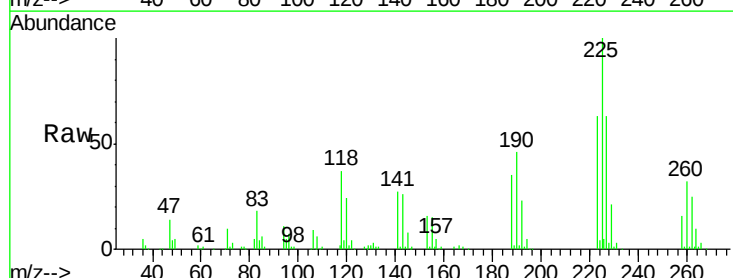


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

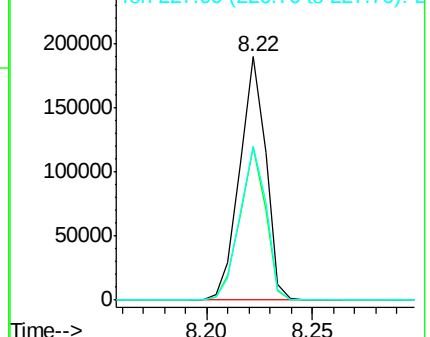
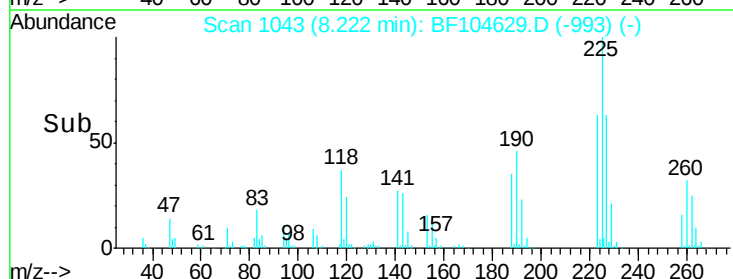


#34
Hexachlorobutadiene
Concen: 38.456 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:	225	Resp:	161895
Ion	Ratio	Lower	Upper
225	100		
223	62.8	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

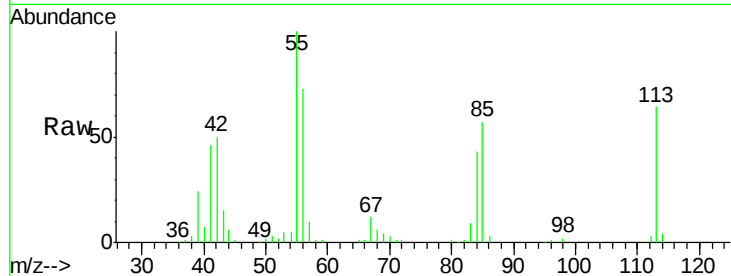




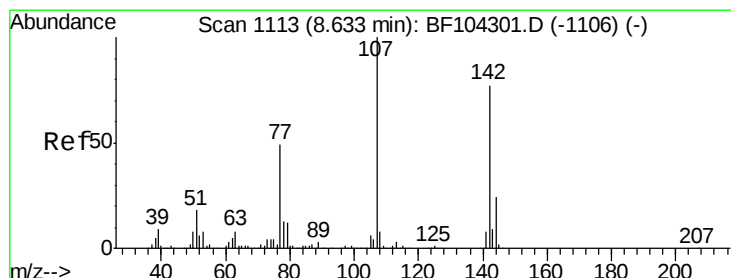
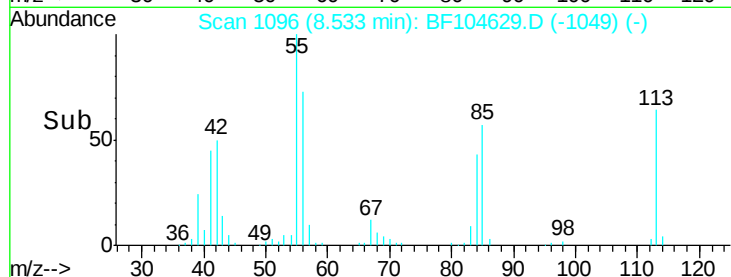
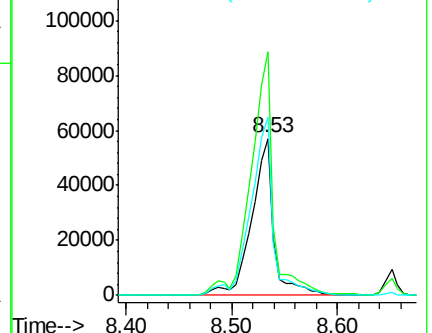
#35
 Caprolactam
 Concen: 34.113 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 83342
 Ion Ratio Lower Upper
 113 100
 55 155.1 163.3 203.3#
 56 113.7 115.7 155.7#

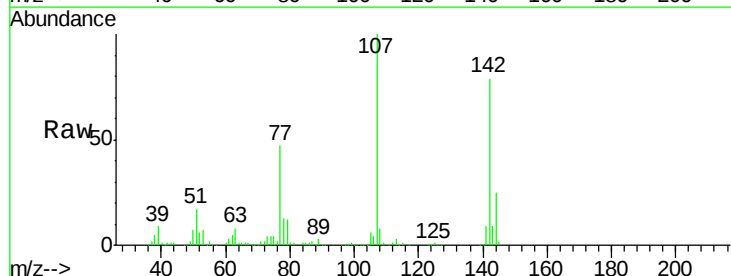


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

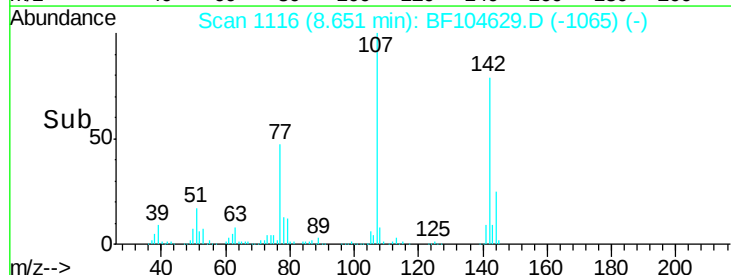
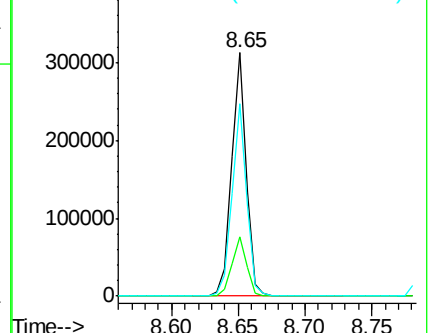


#36
 4-Chloro-3-methylphenol
 Concen: 32.458 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:107 Resp: 243745
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 78.8 62.0 93.0



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

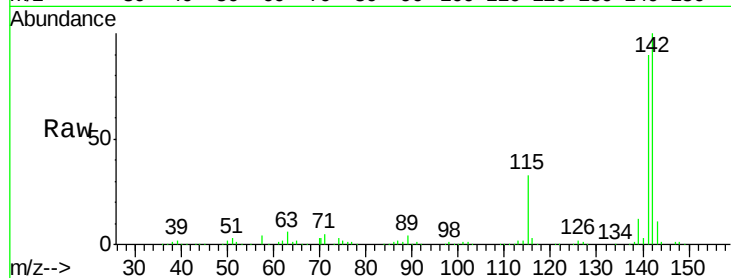




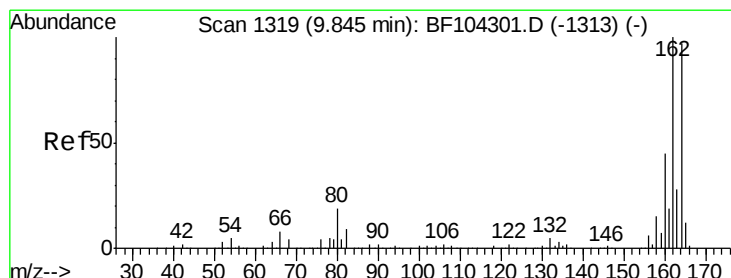
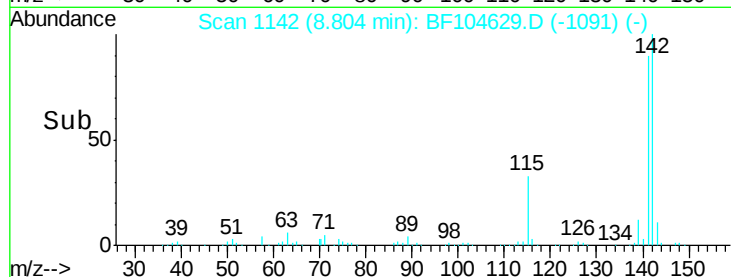
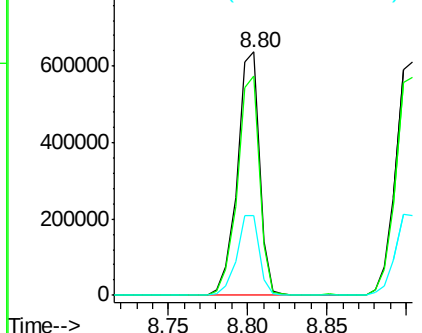
#37
 2-Methylnaphthalene
 Concen: 37.481 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.5	26.1	39.1

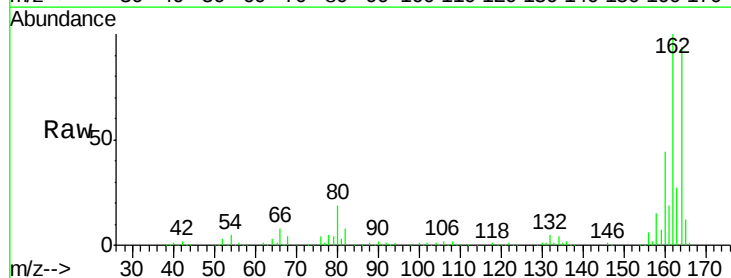


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

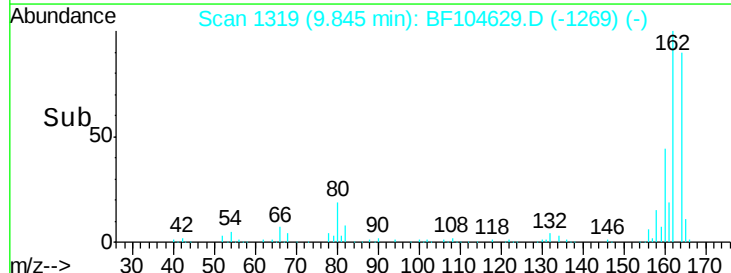
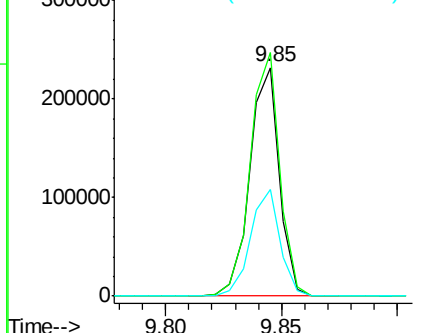


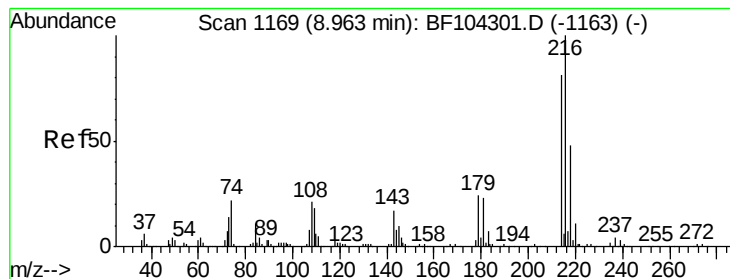
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.5	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.258 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 262476

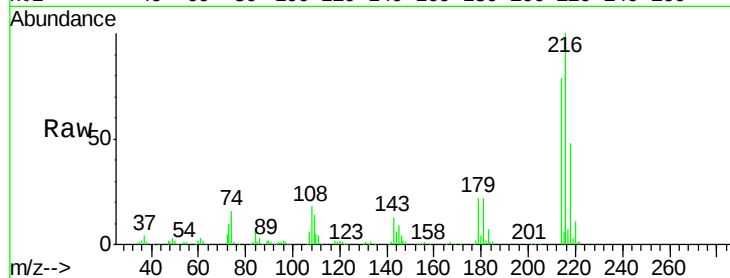
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 22.3 18.1 27.1

108 22.0 17.2 25.8

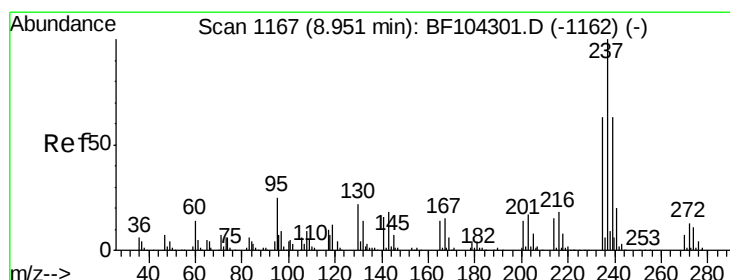
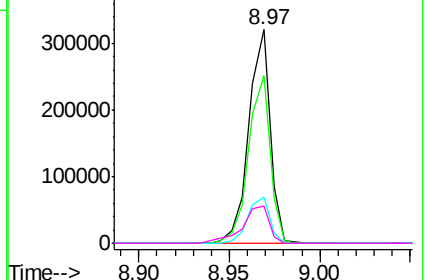
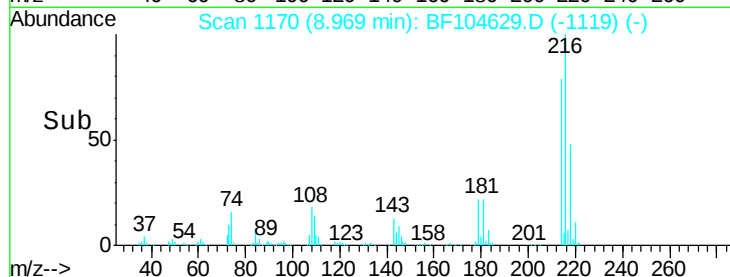


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.678 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

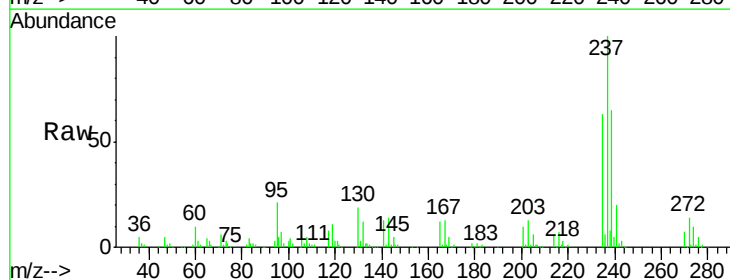
Tgt Ion:237 Resp: 218060

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

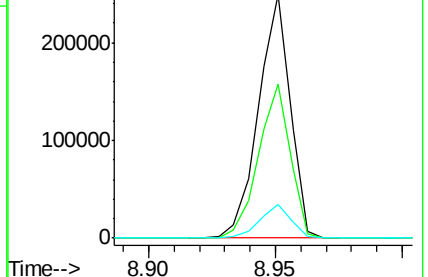
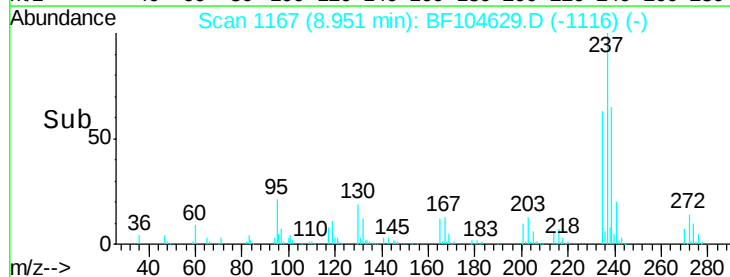
272 13.6 0.0 33.3



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

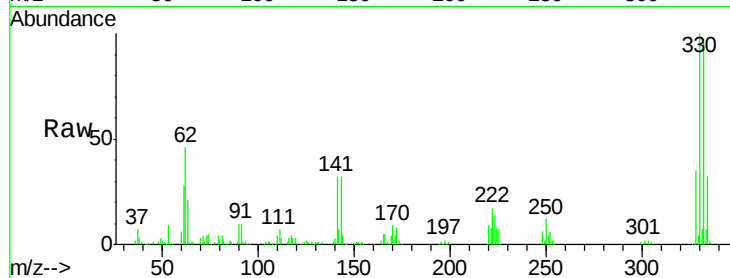




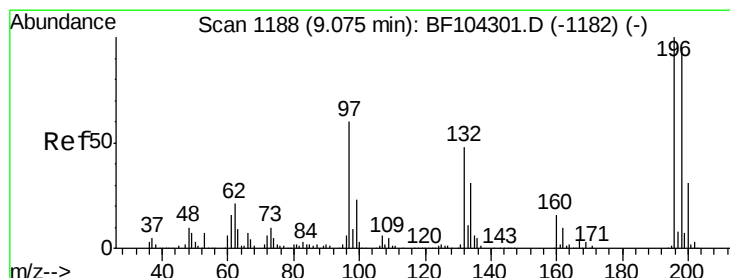
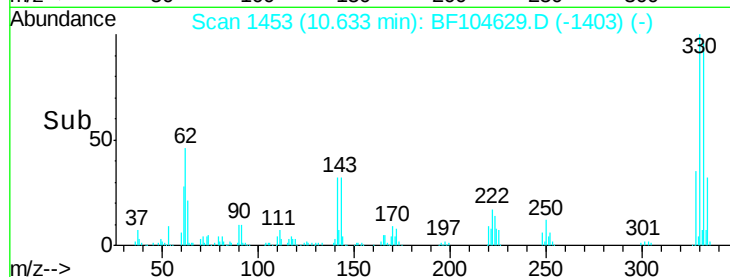
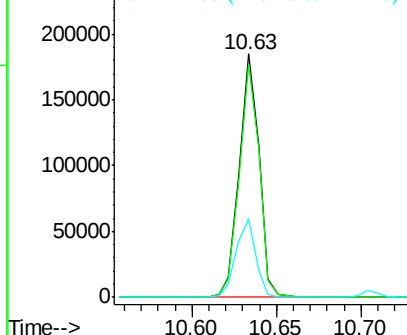
#41
 2,4,6-Tribromophenol
 Concen: 69.982 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.1	29.9	44.9

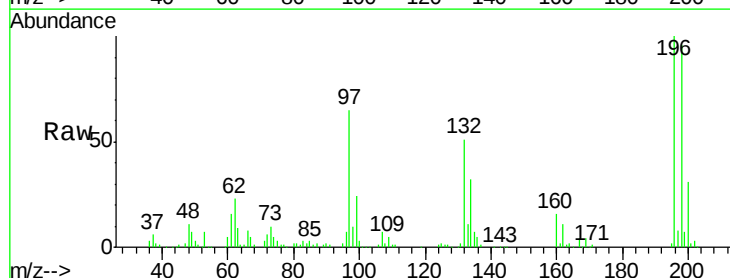


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

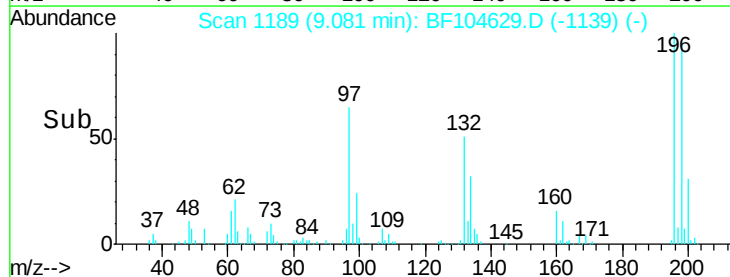
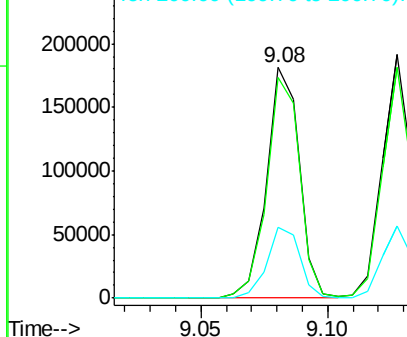


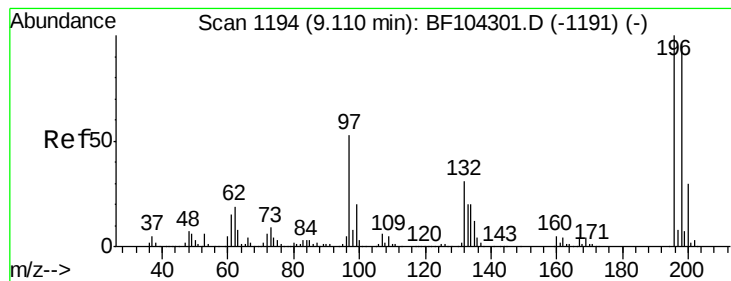
#42
 2,4,6-Trichlorophenol
 Concen: 39.643 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	30.5	24.5	36.7



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





#43

2,4,5-Trichlorophenol

Concen: 34.966 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 161087

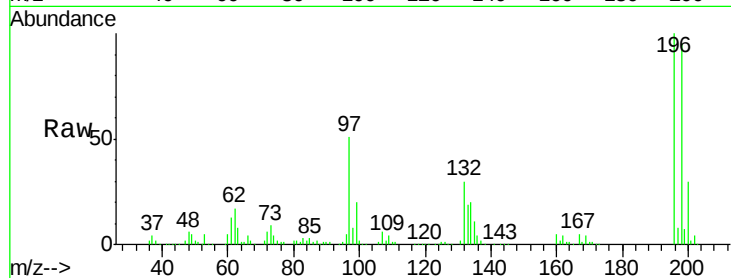
Ion Ratio Lower Upper

196 100

198 94.8 74.6 112.0

97 51.5 42.9 64.3

132 30.1 26.3 39.5

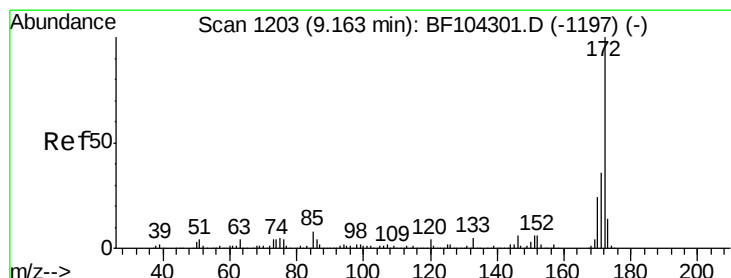
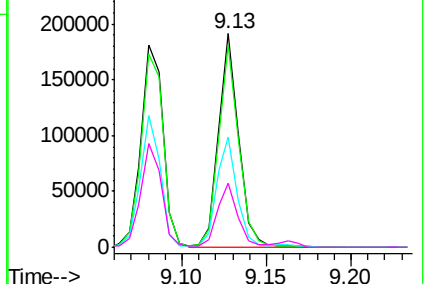
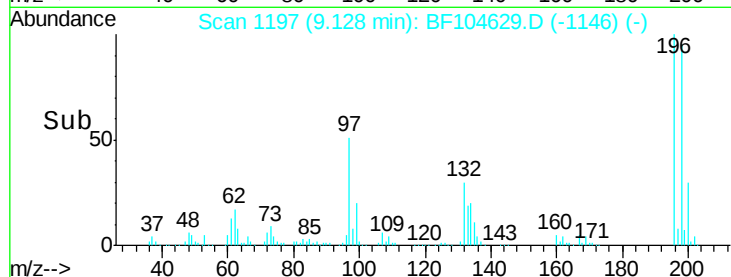


Abundance Ion 196.00 (195.70 to 196.70): E

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: 86.869 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

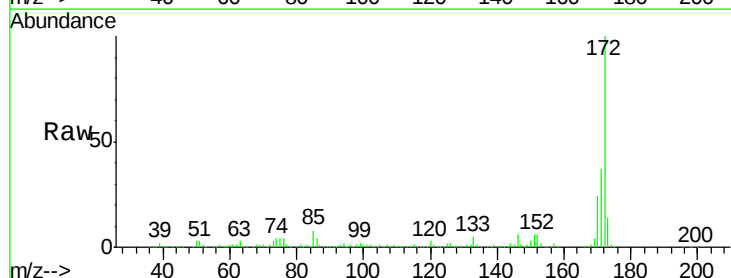
Tgt Ion:172 Resp: 1139252

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

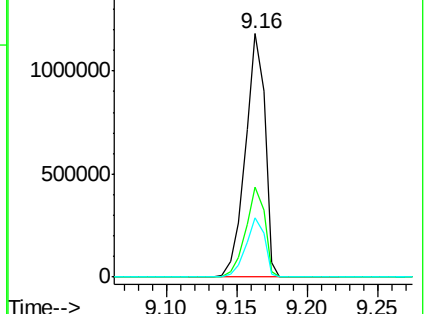
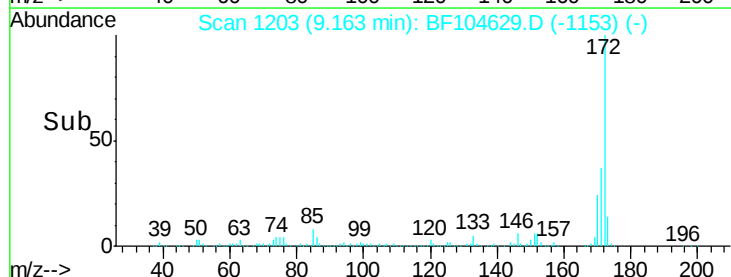
170 24.3 19.6 29.4

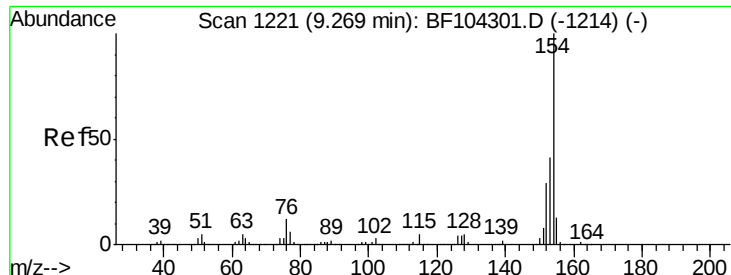


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.257 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

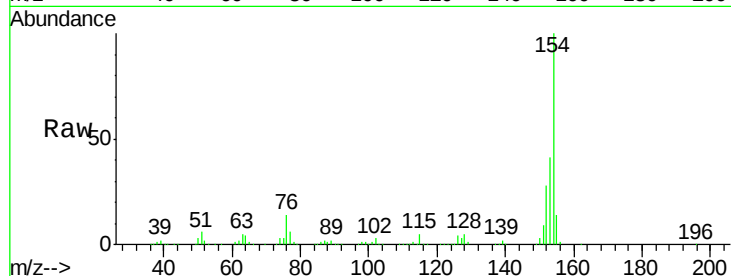
Tot Ion:154 Resp: 700646

Ion Ratio Lower Upper

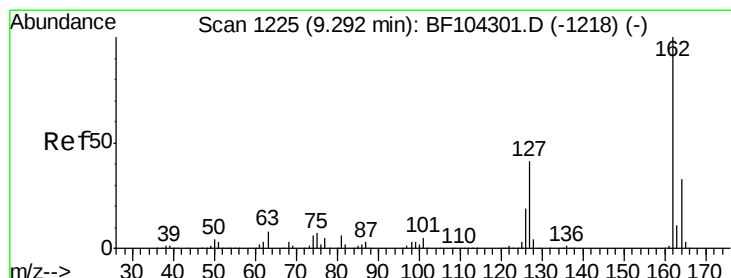
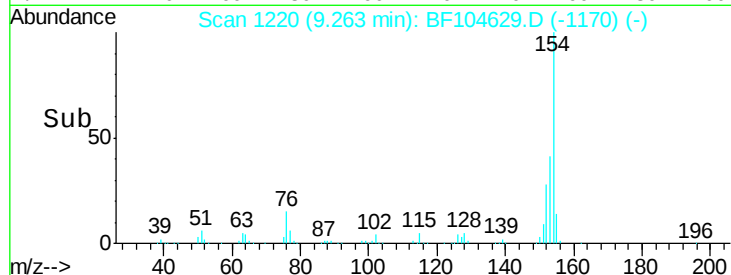
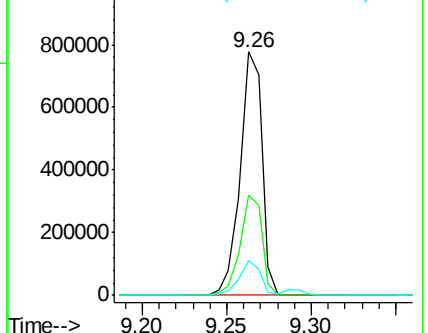
154 100

153 41.3 21.3 61.3

76 14.5 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: 40.166 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

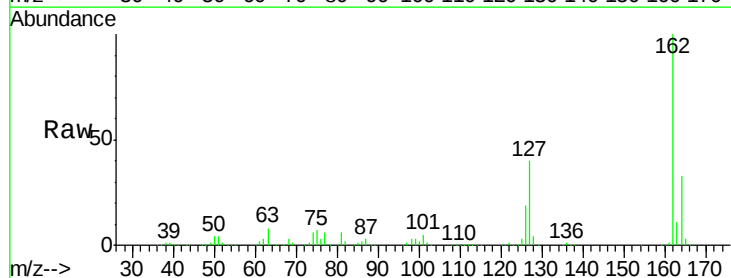
Tgt Ion:162 Resp: 552165

Ion Ratio Lower Upper

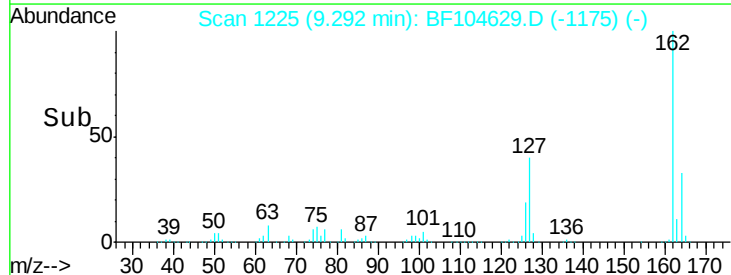
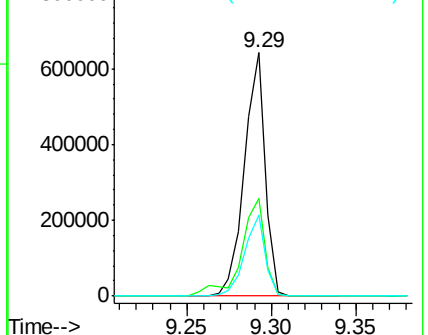
162 100

127 40.1 33.9 50.9

164 33.1 26.5 39.7



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

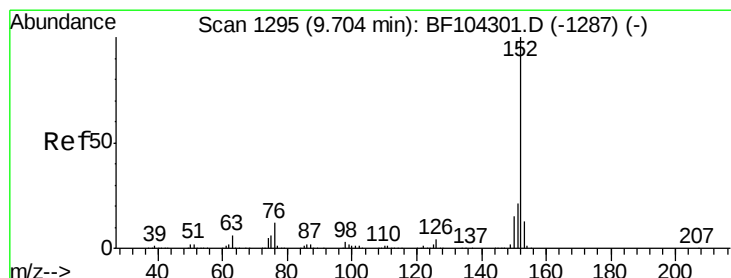
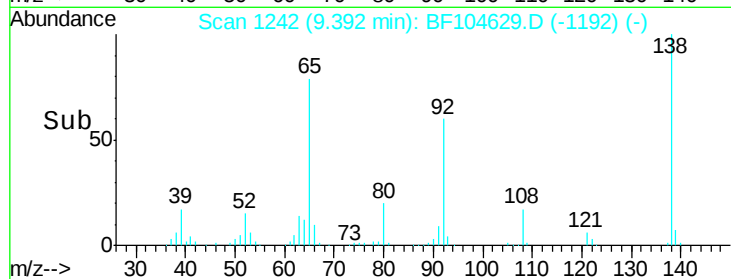
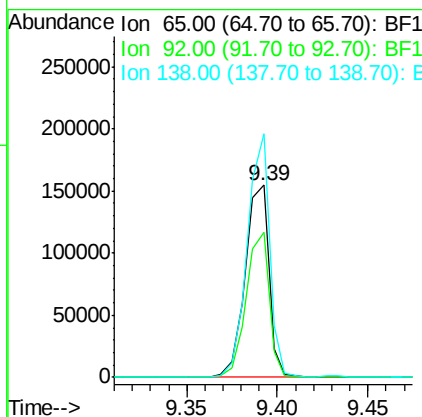
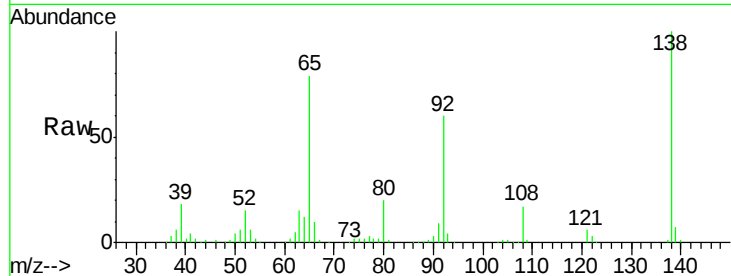




#47
 2-Nitroaniline
 Concen: 41.708 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

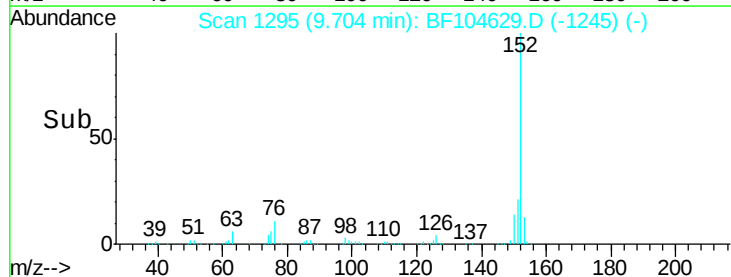
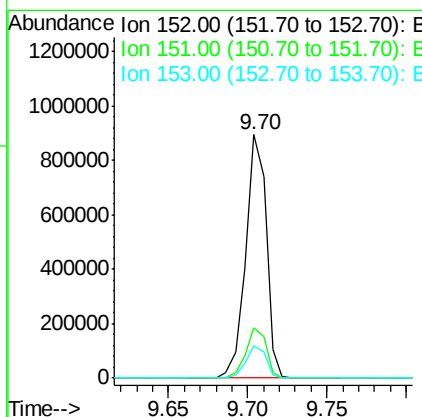
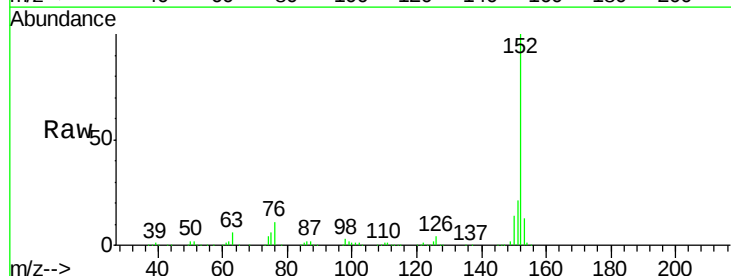
Instrument :
 BNA_F
 ClientSampled :

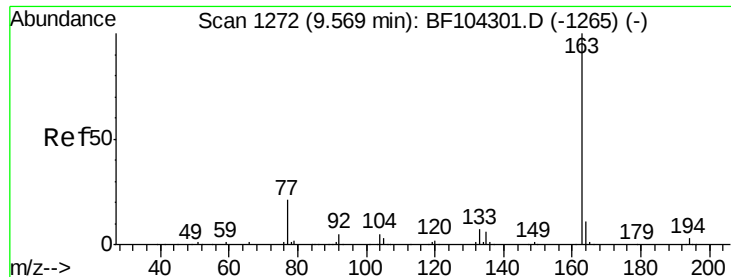
Tot Ion: 65 Resp: 141794
 Ion Ratio Lower Upper
 65 100
 92 75.6 55.8 83.6
 138 126.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.090 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:152 Resp: 799989
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.3 10.7 16.1

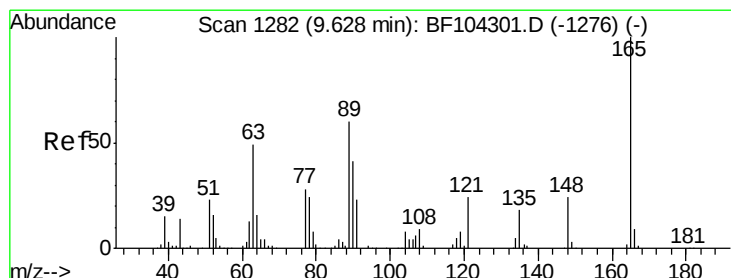
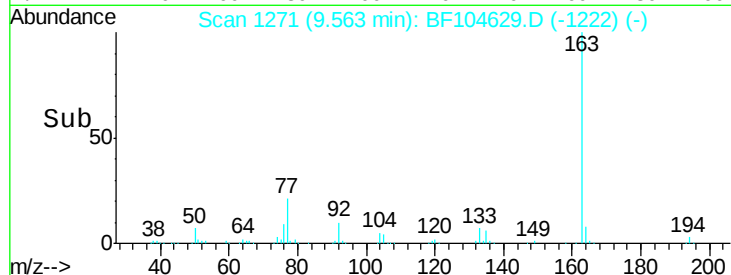
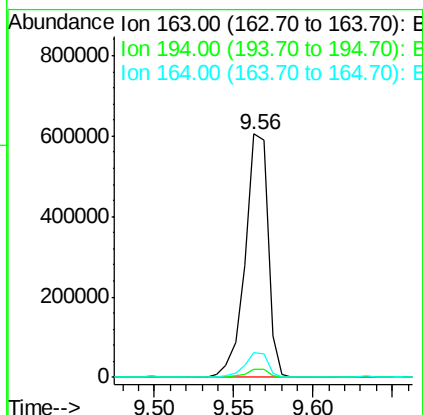
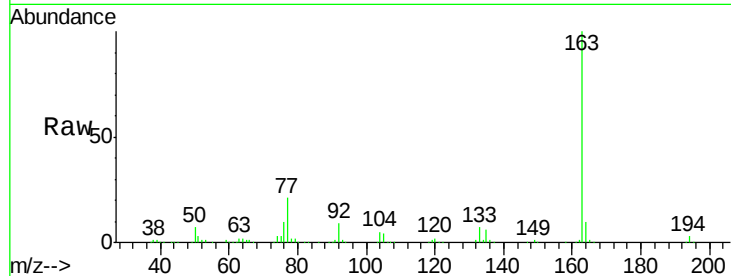




#49
Dimethylphthalate
Concen: 36.968 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

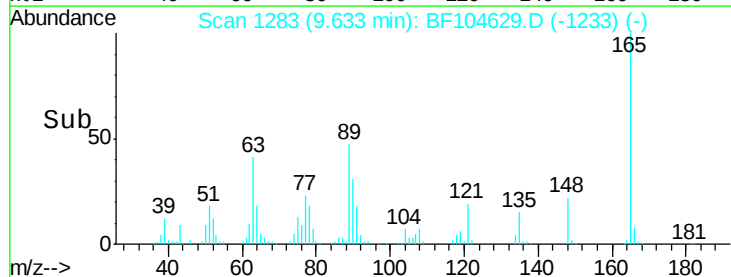
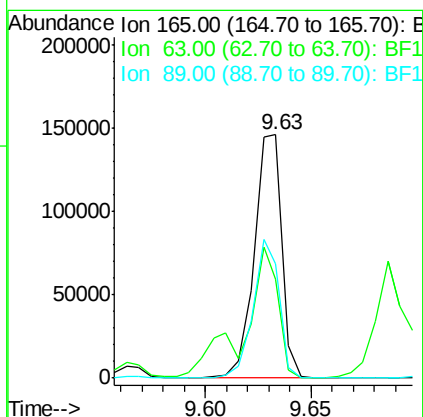
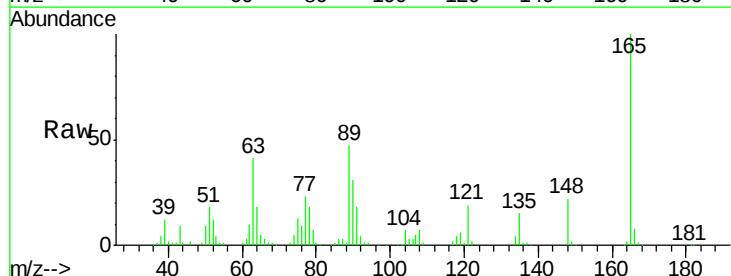
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 603966
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 44.016 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:165 Resp: 133064
Ion Ratio Lower Upper
165 100
63 40.7 44.7 67.1#
89 46.8 44.0 66.0





#51

Acenaphthene

Concen: 35.966 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

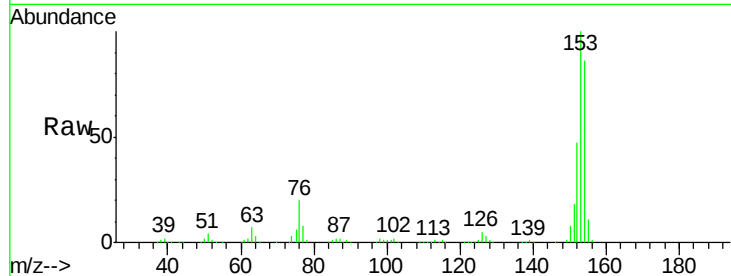
Tot Ion:154 Resp: 473307

Ion Ratio Lower Upper

154 100

153 116.0 91.2 136.8

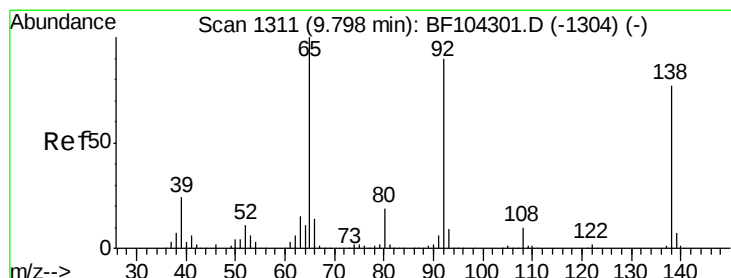
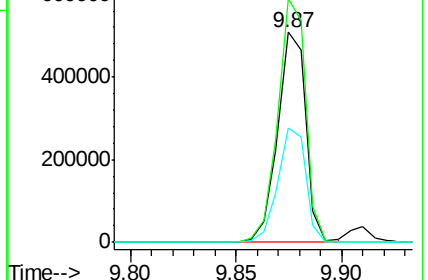
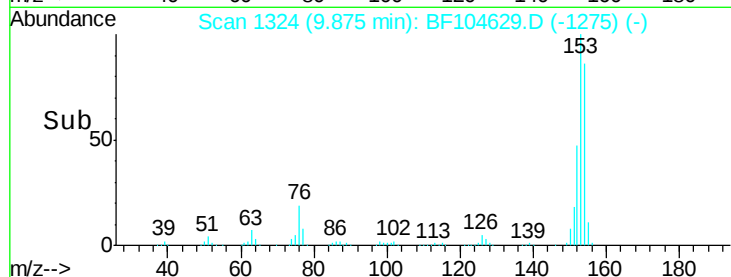
152 54.7 43.8 65.8



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: 14.910 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

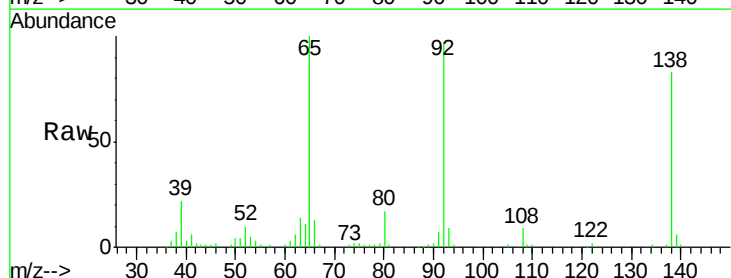
Tgt Ion:138 Resp: 52767

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

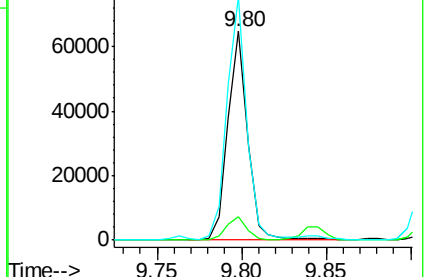
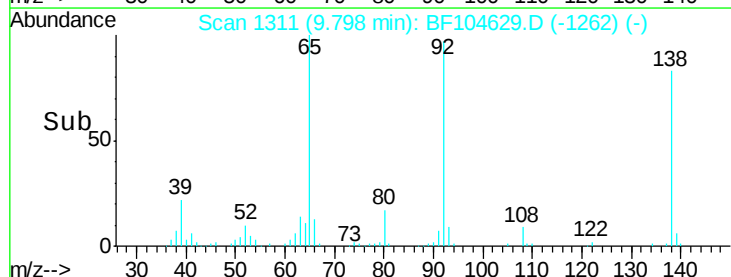
92 116.7 89.4 134.2

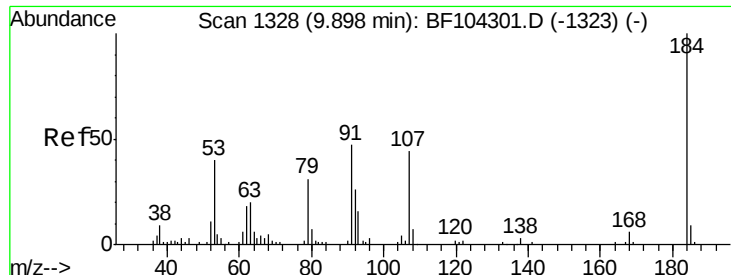


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

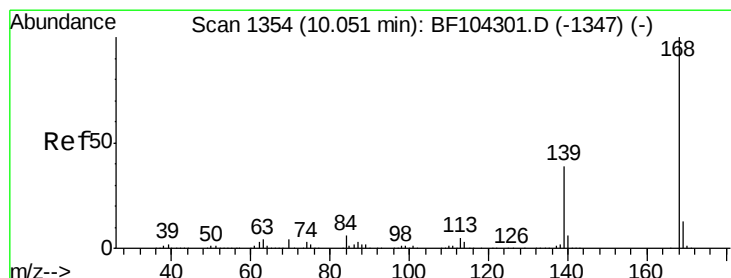
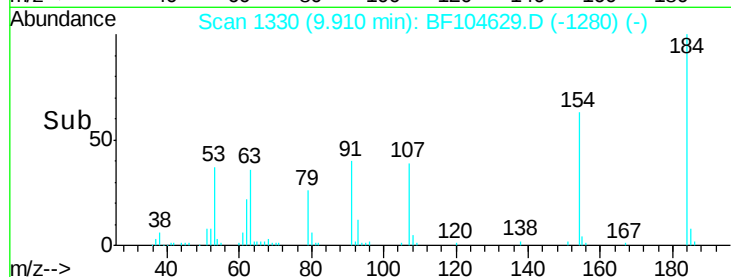
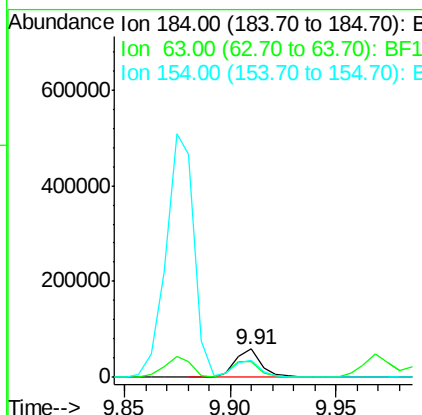
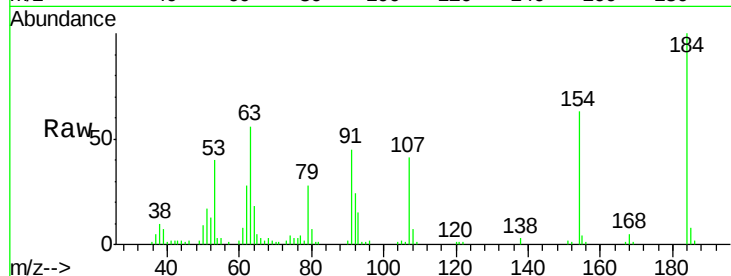




#53
 2,4-Dinitrophenol
 Concen: 50.570 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

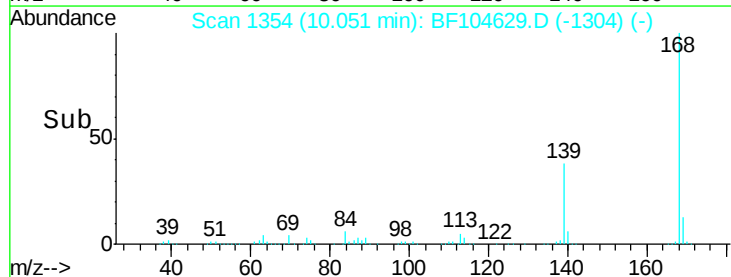
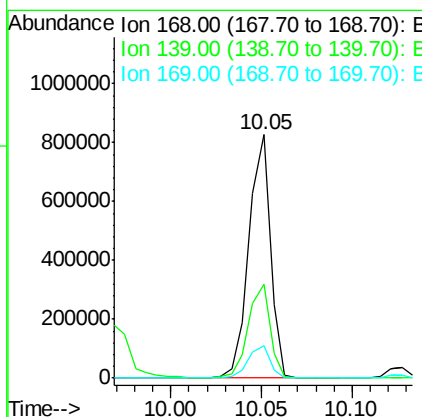
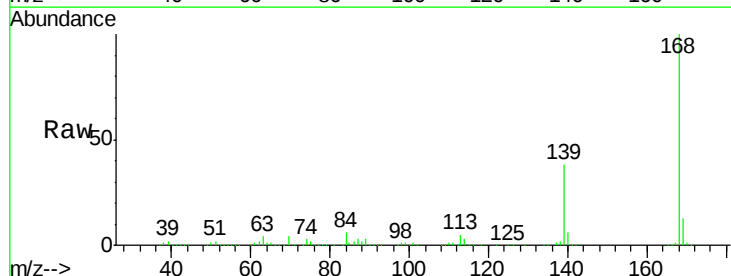
Instrument :
 BNA_F
 ClientSampleId :

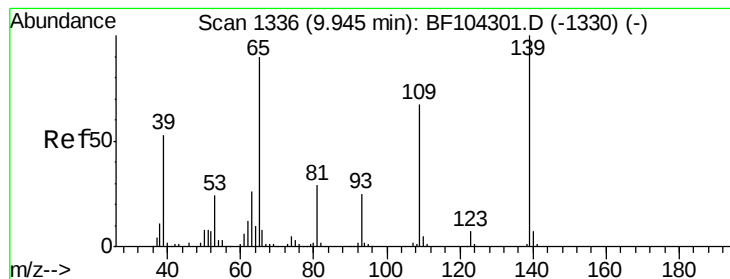
Tot Ion:184 Resp: 51473
 Ion Ratio Lower Upper
 184 100
 63 56.2 54.2 81.2
 154 63.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.545 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:168 Resp: 688565
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.1 45.1
 169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 66.331 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

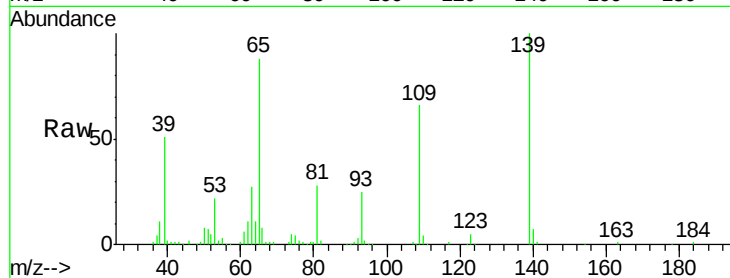
Tot Ion:139 Resp: 184406

Ion Ratio Lower Upper

139 100

109 65.8 48.4 88.4

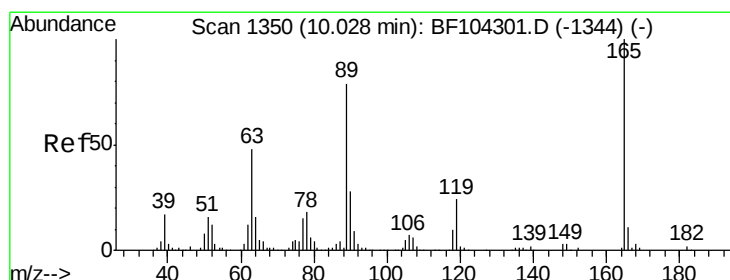
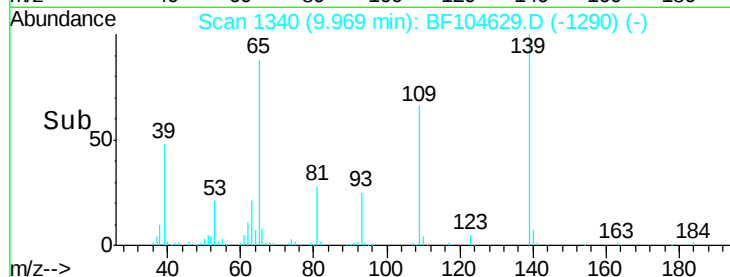
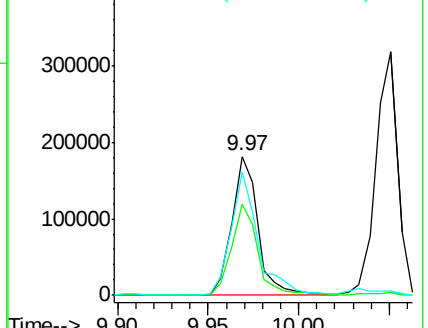
65 88.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 41.738 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Tgt Ion:165 Resp: 165509

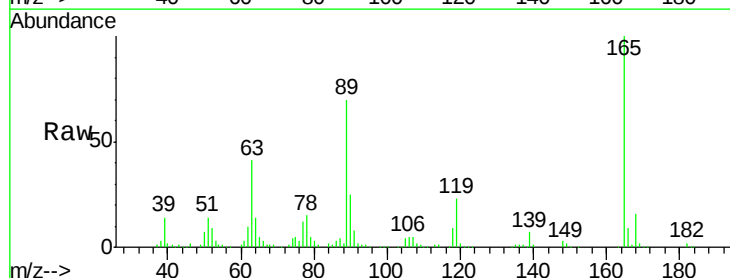
Ion Ratio Lower Upper

165 100

63 40.9 36.4 54.6

89 70.1 57.8 86.6

182 2.3 1.6 2.4

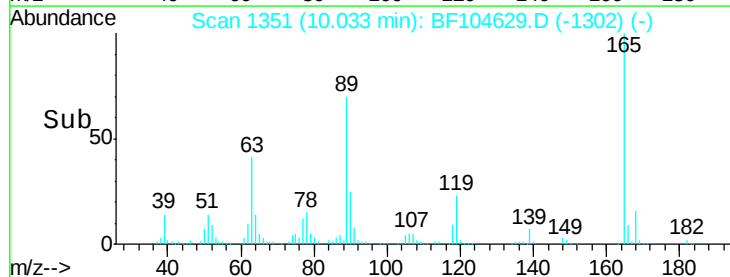
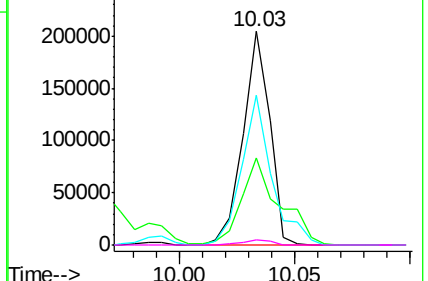


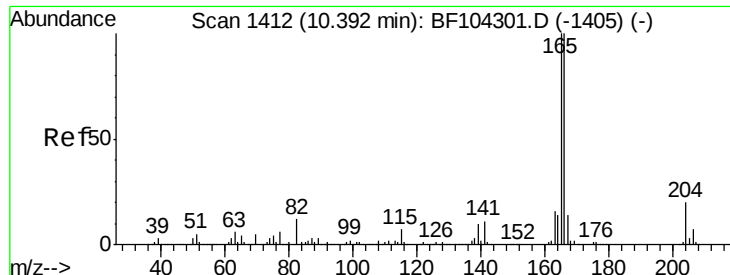
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

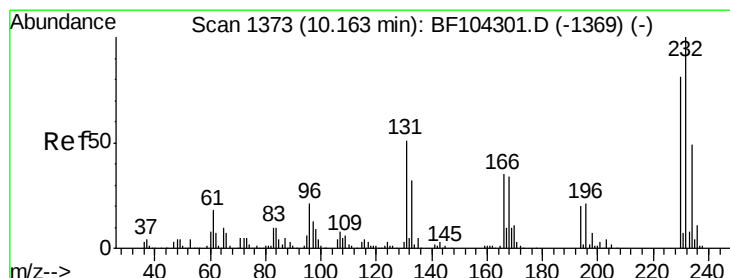
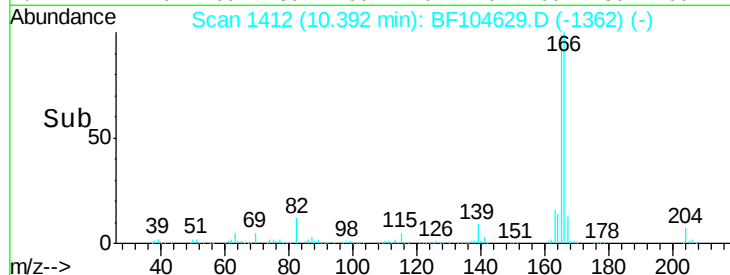
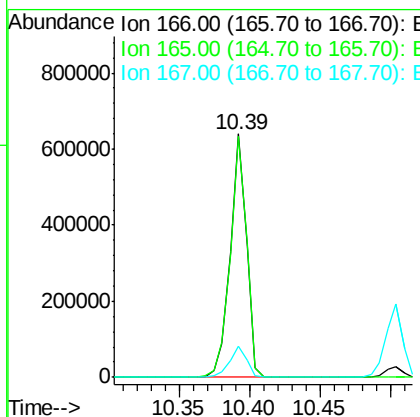
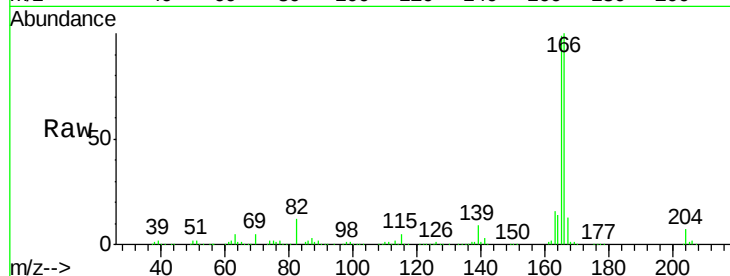




#57
 Fluorene
 Concen: 38.446 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

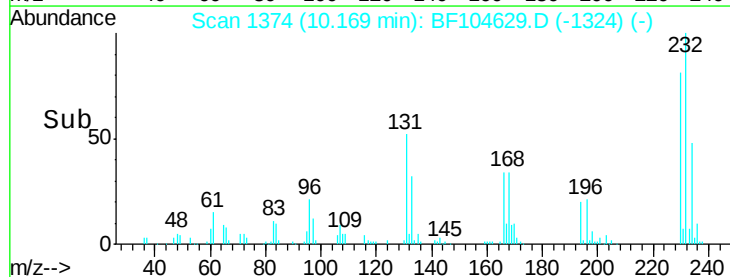
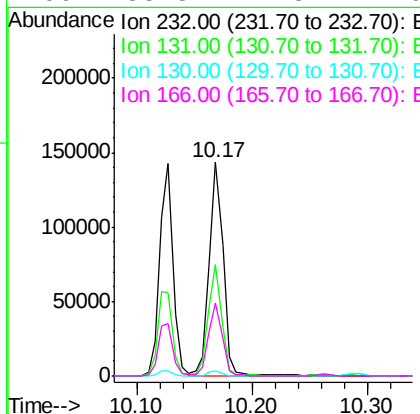
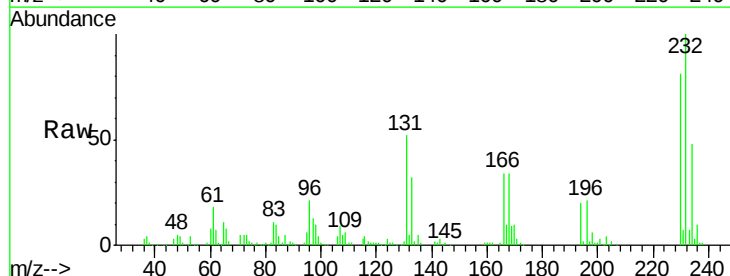
Instrument :
 BNA_F
 ClientSampleId :

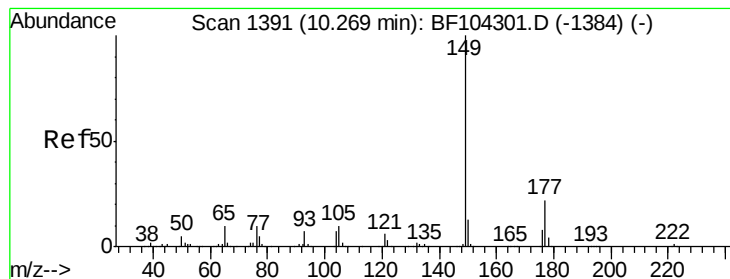
Tot Ion:166 Resp: 513221
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.393 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:232 Resp: 121645
 Ion Ratio Lower Upper
 232 100
 131 49.9 43.8 65.8
 130 2.3 2.1 3.1
 166 33.3 27.8 41.6





#59

Diethylphthalate

Concen: 34.400 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

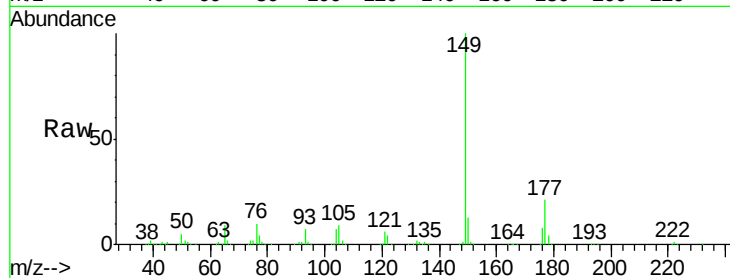
Tot Ion:149 Resp: 559724

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

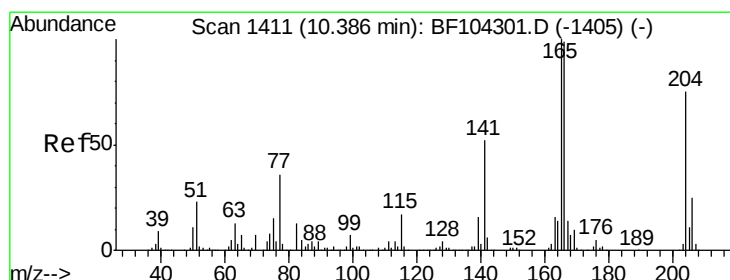
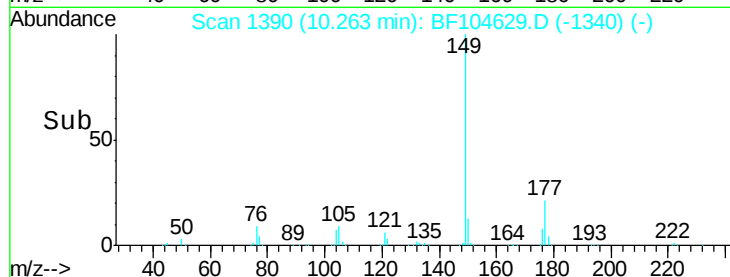
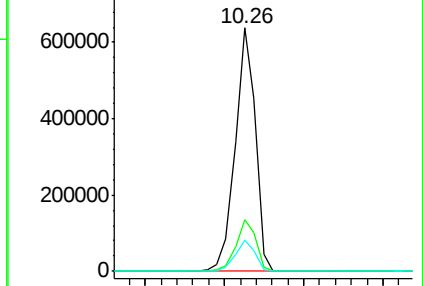
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.079 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

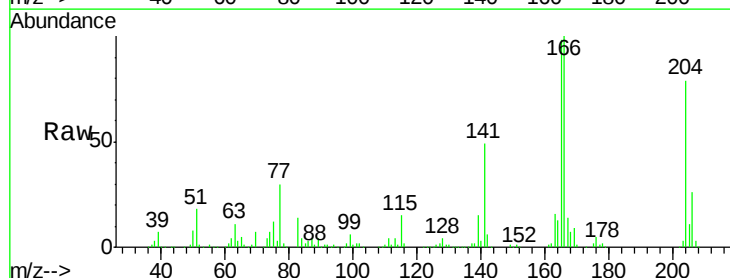
Tgt Ion:204 Resp: 238267

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

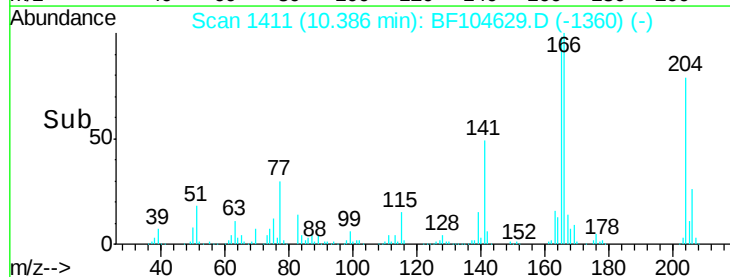
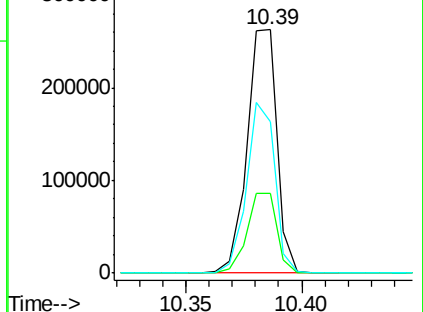
141 62.3 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

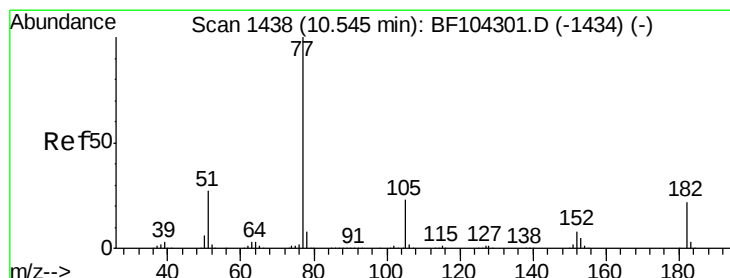
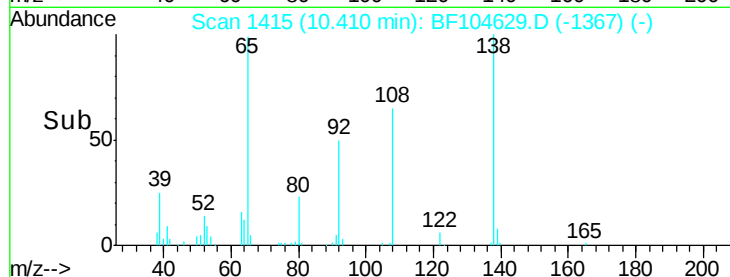
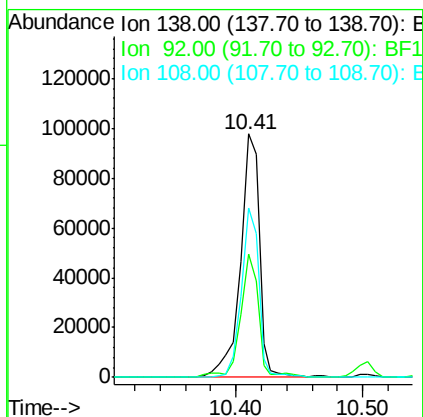
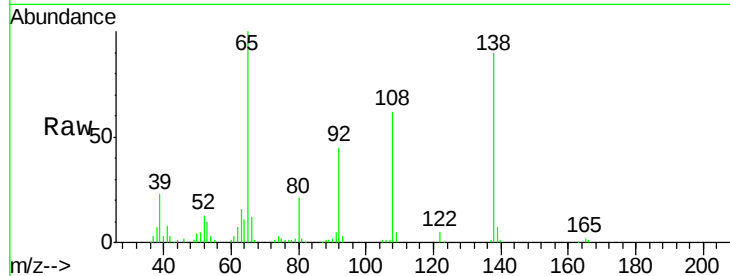




#61
4-Nitroaniline
Concen: 29.423 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

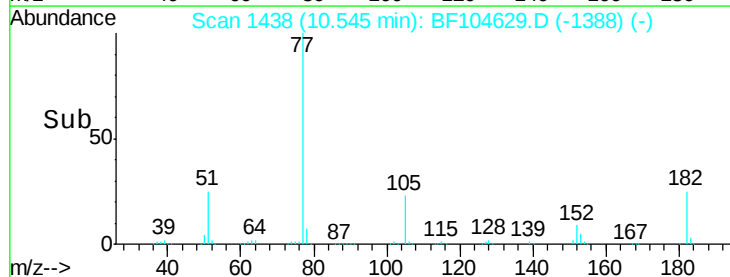
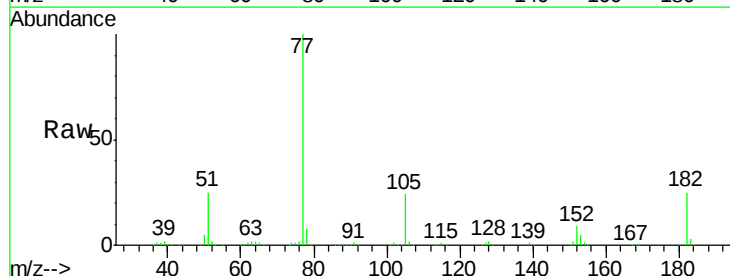
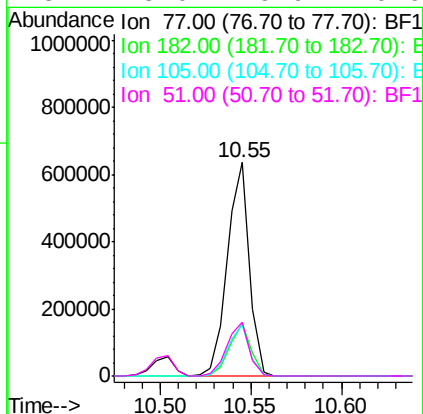
Instrument :
BNA_F
ClientSampleId :

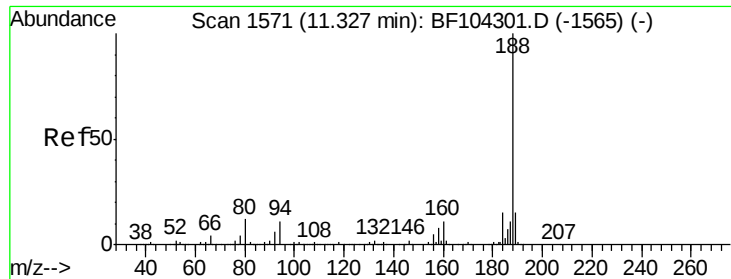
Tot Ion:138 Resp: 101817
Ion Ratio Lower Upper
138 100
92 50.6 30.2 70.2
108 69.7 52.5 92.5



#62
Azobenzene
Concen: 34.438 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion: 77 Resp: 535343
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 24.0 3.0 43.0
51 25.0 9.9 49.9

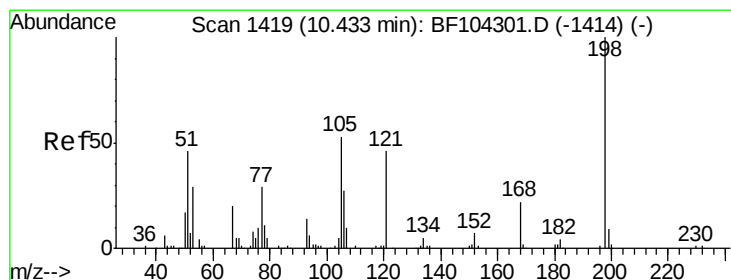
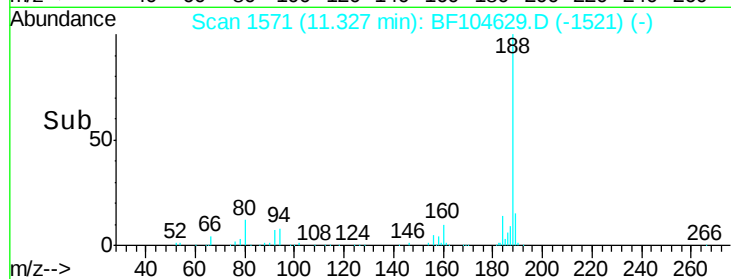
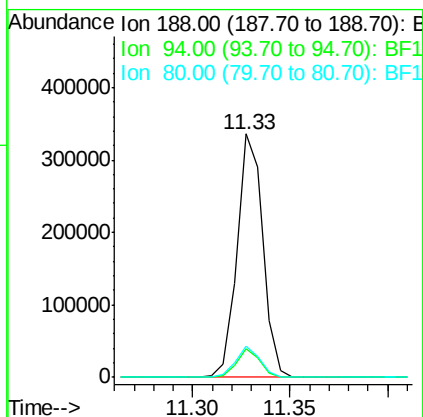
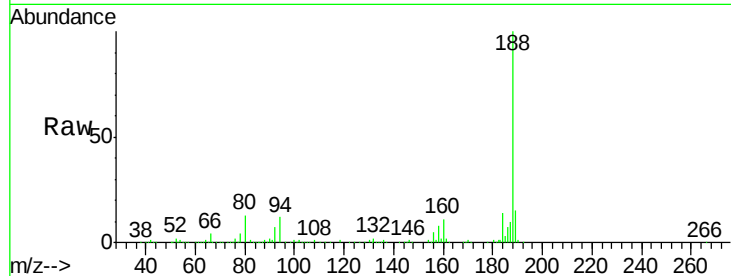




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

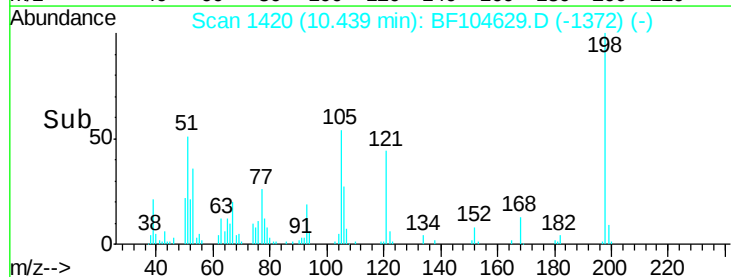
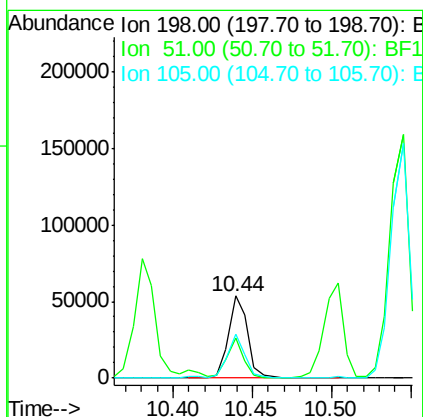
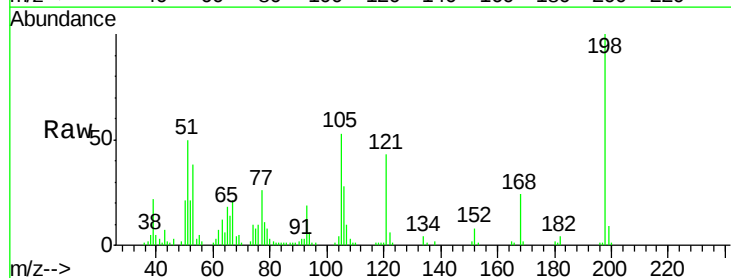
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 306292
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.845 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:198 Resp: 44910
Ion Ratio Lower Upper
198 100
51 49.5 37.7 77.7
105 52.9 36.3 76.3

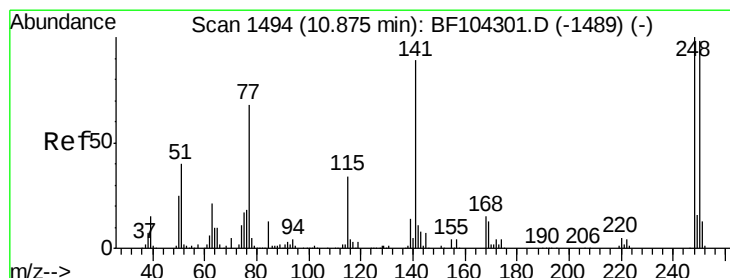
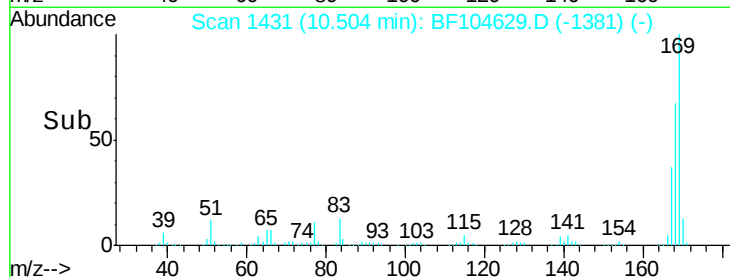
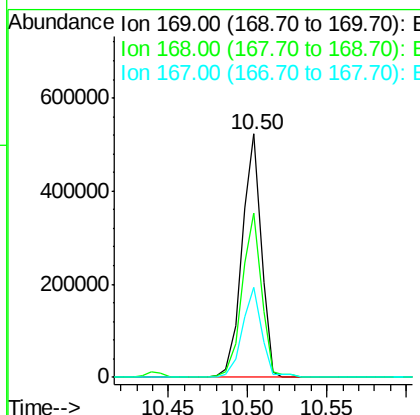
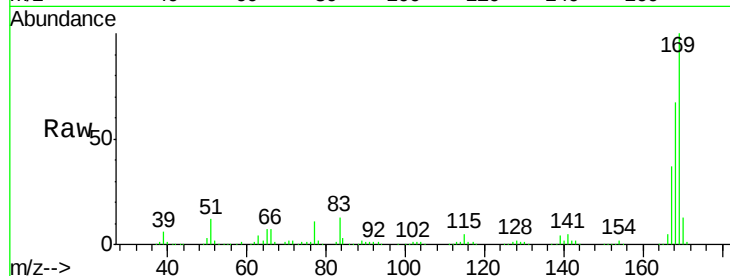




#65
 n-Nitrosodiphenylamine
 Concen: 41.156 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

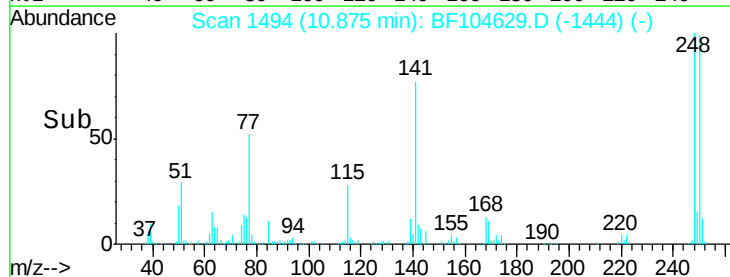
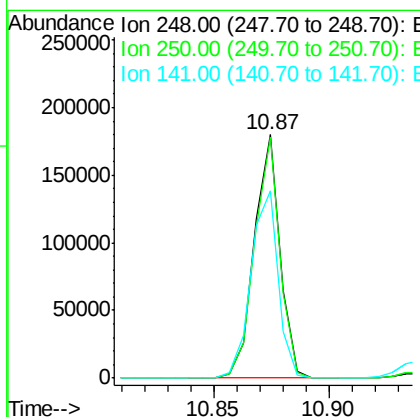
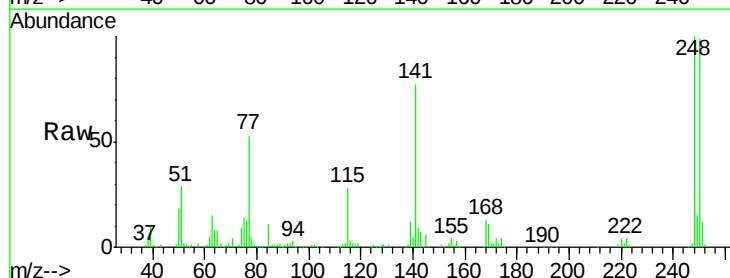
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 437074
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 37.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.999 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:248 Resp: 140089
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.9 115.3
 141 76.8 74.4 111.6

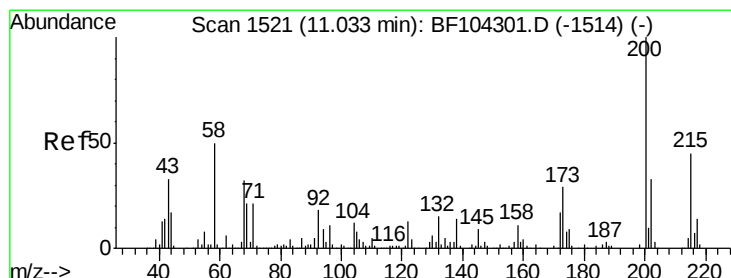
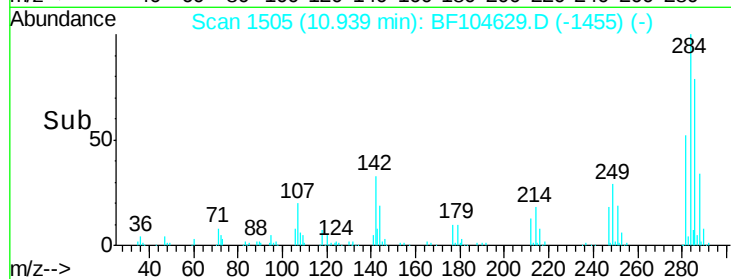
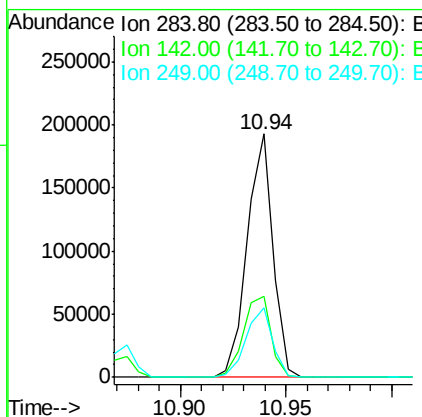
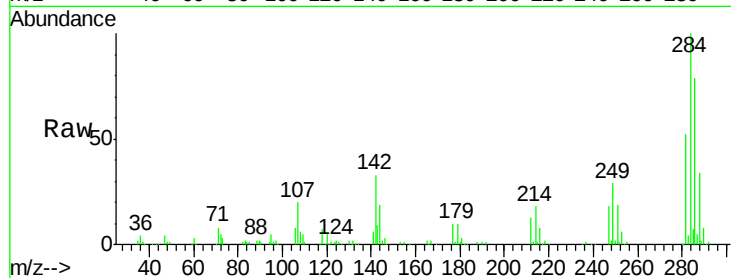




#67
Hexachlorobenzene
Concen: 44.787 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

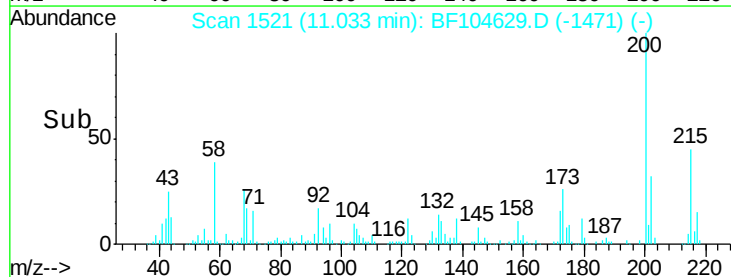
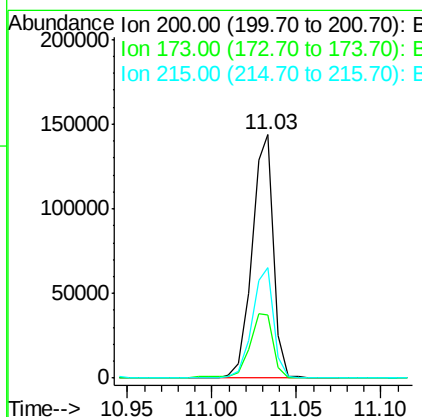
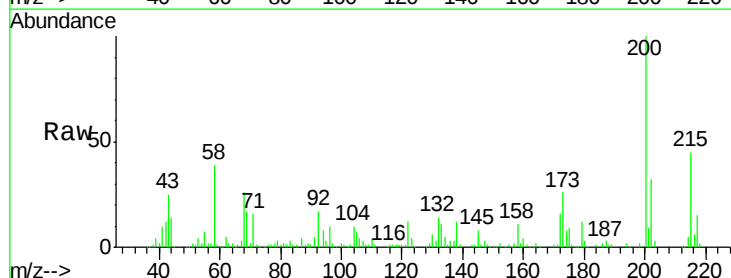
Instrument :
BNA_F
ClientSampled :

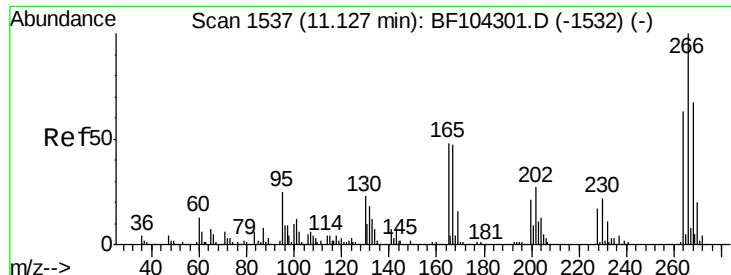
Tot Ion:284 Resp: 164184
Ion Ratio Lower Upper
284 100
142 33.1 34.6 52.0#
249 28.6 24.8 37.2



#68
Atrazine
Concen: 39.865 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:200 Resp: 127790
Ion Ratio Lower Upper
200 100
173 26.0 8.6 48.6
215 45.2 25.1 65.1

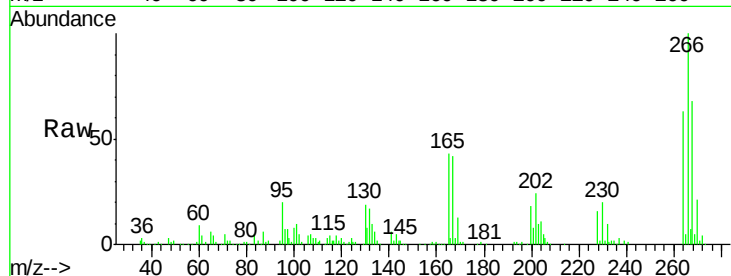




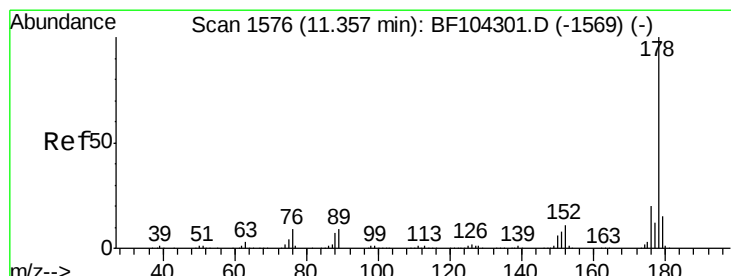
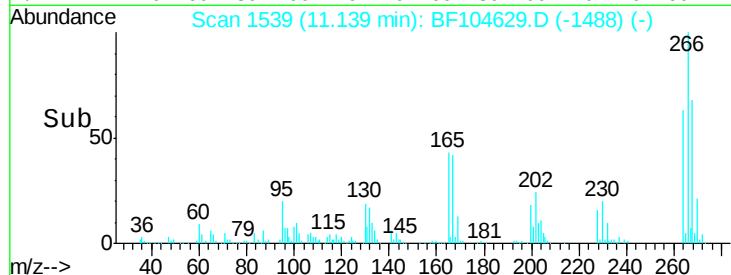
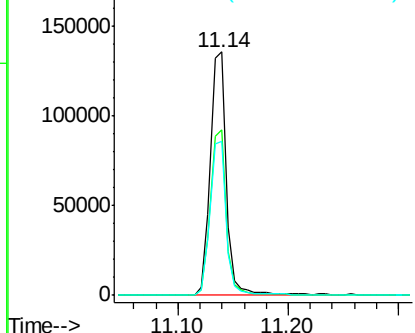
#69
 Pentachlorophenol
 Concen: 59.927 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 135909
 Ion Ratio Lower Upper
 266 100
 268 68.1 51.1 76.7
 264 63.2 49.5 74.3

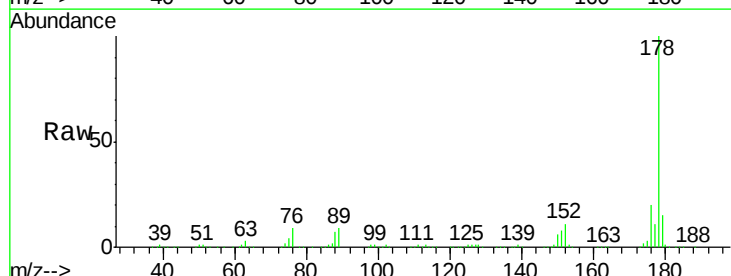


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

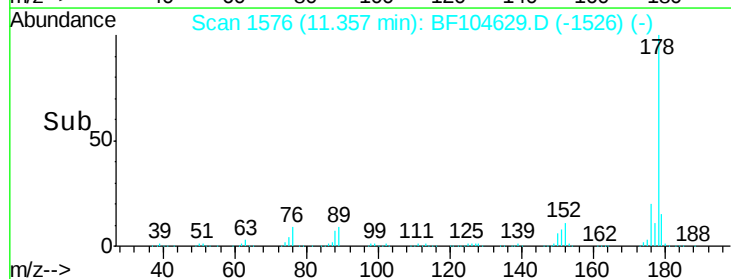
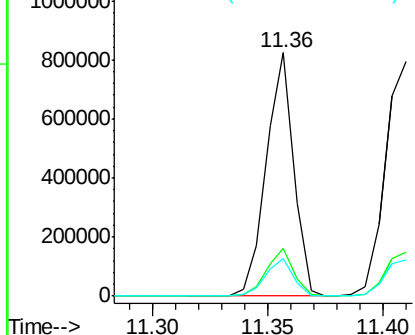


#70
 Phenanthrene
 Concen: 40.101 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:178 Resp: 684014
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 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

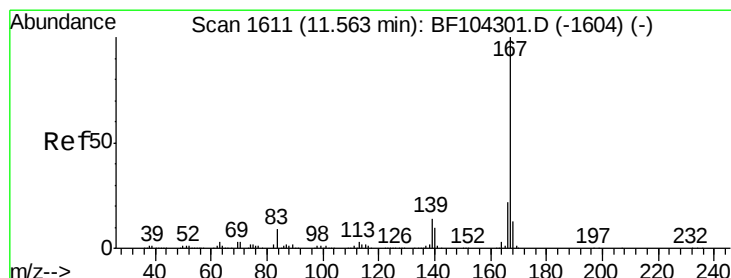
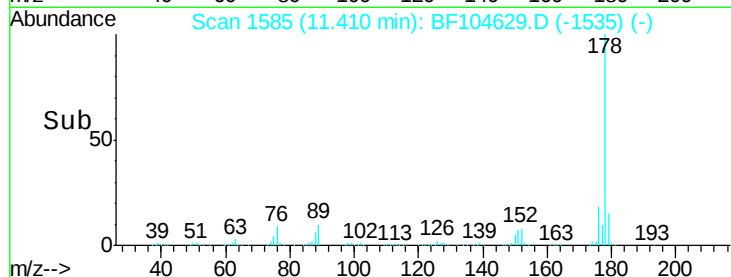
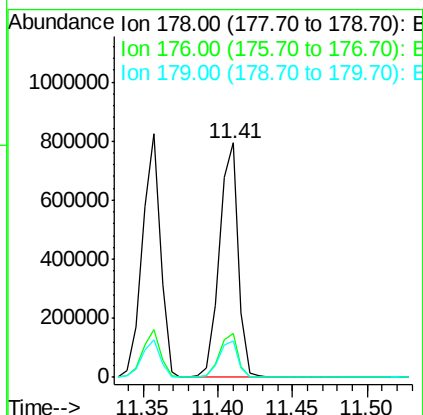
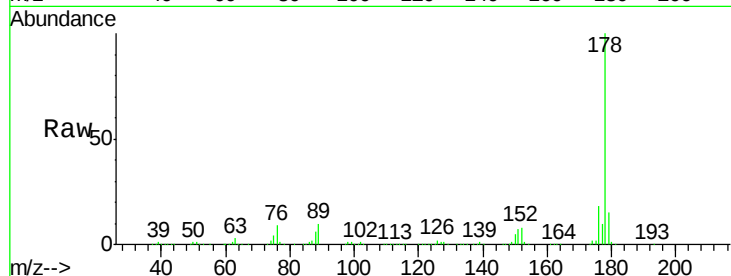




#71
 Anthracene
 Concen: 40.577 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

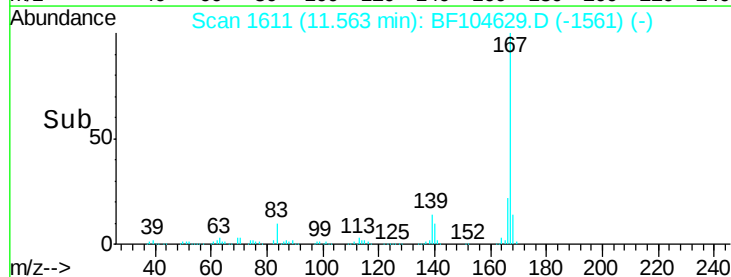
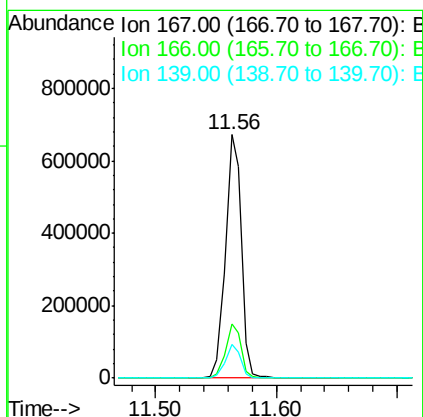
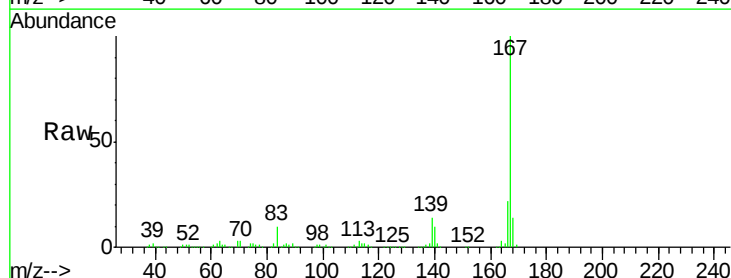
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 703560
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 35.974 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion:167 Resp: 609513
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.117 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

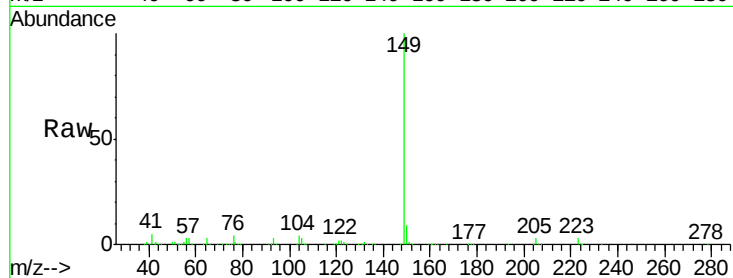
Tot Ion:149 Resp: 768211

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

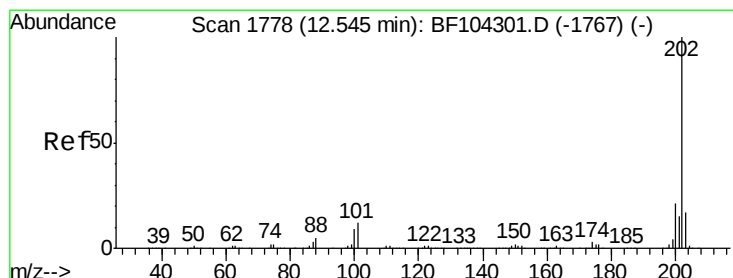
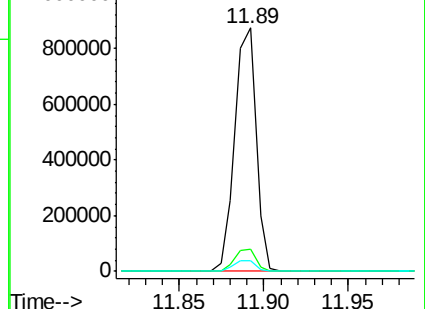
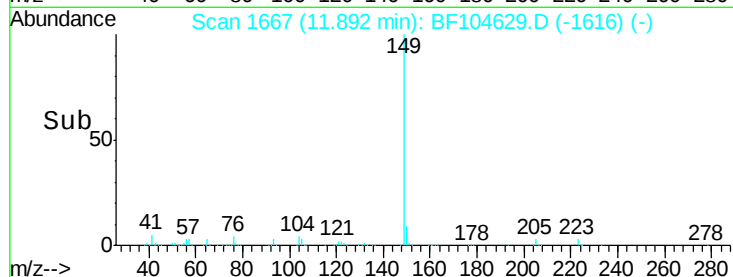
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.191 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

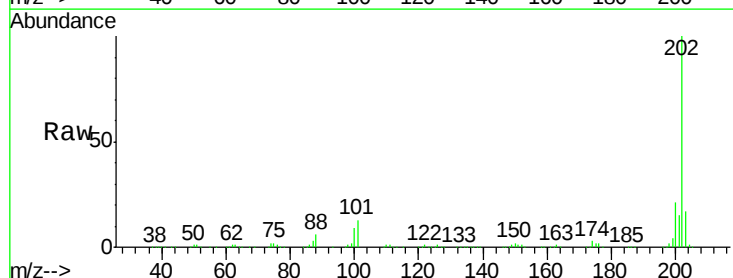
Tgt Ion:202 Resp: 680619

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

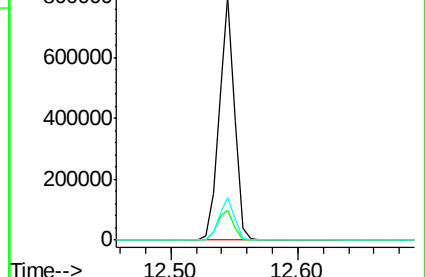
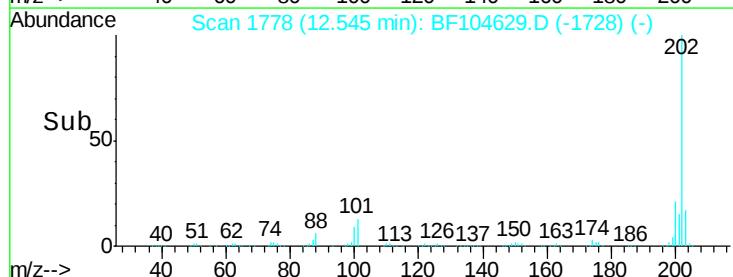
203 17.4 0.0 38.1

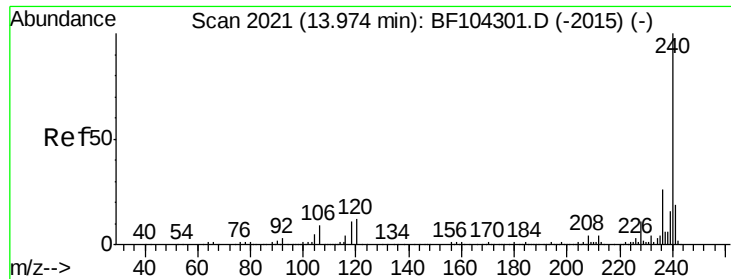


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

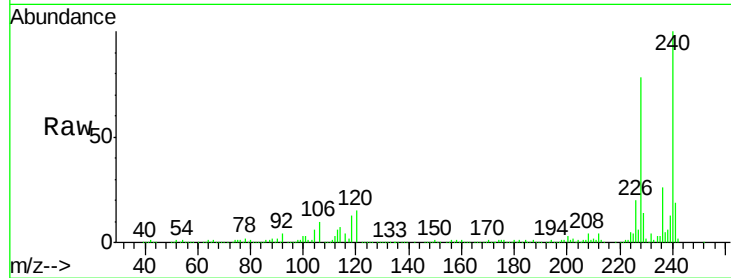
Tot Ion:240 Resp: 269672

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

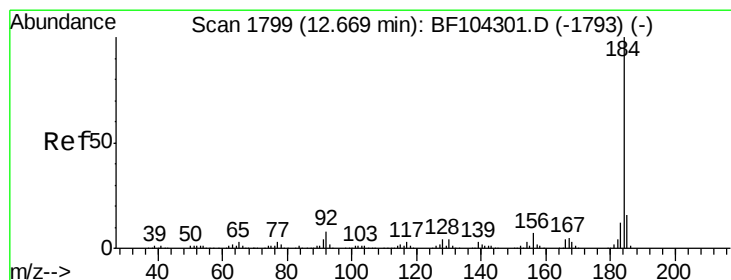
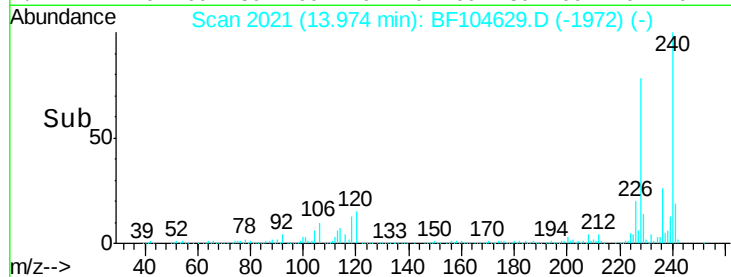
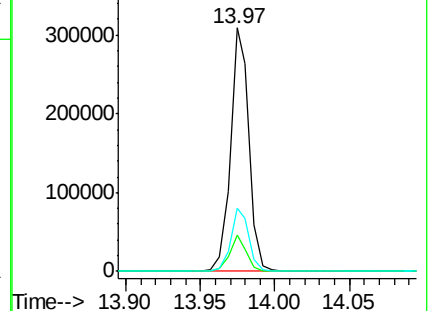
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.607 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

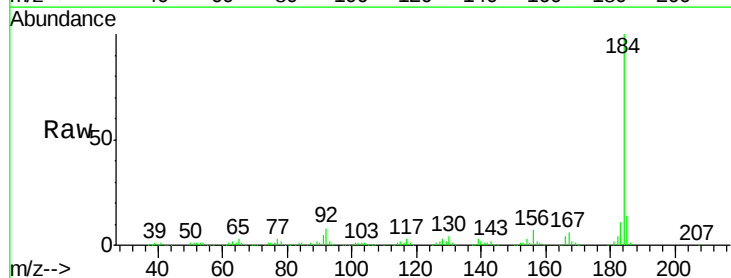
Tgt Ion:184 Resp: 230901

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

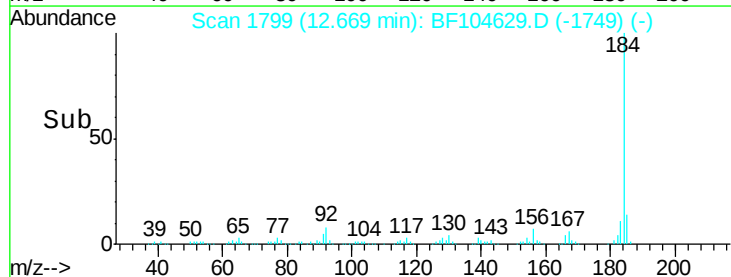
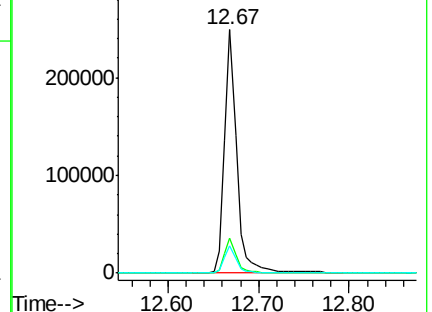
183 11.4 9.3 13.9

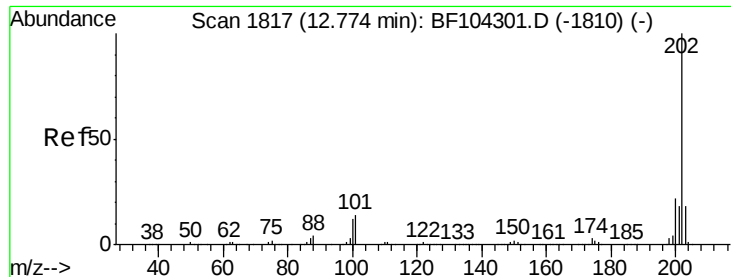


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

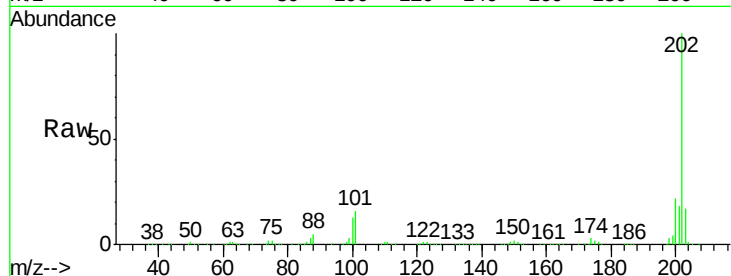




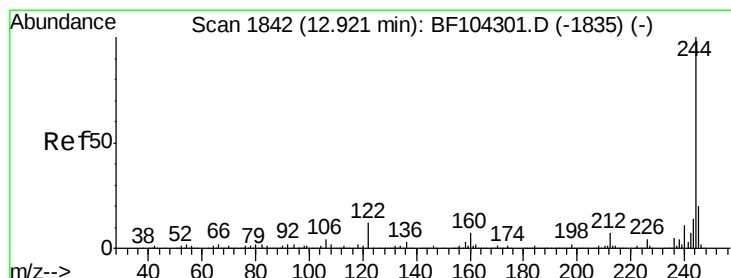
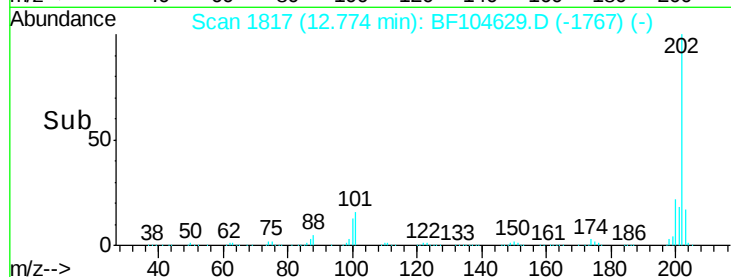
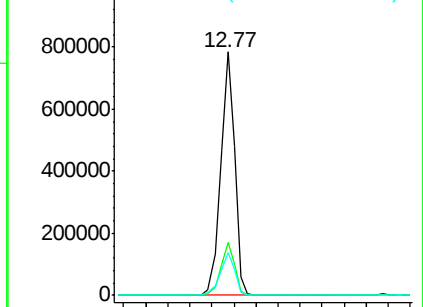
#77
Pvrene
Concen: 34.575 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.5	14.3	21.5

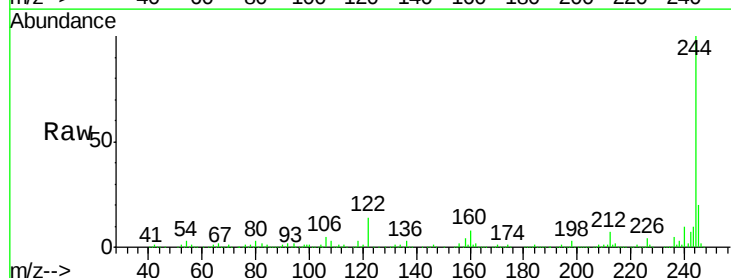


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

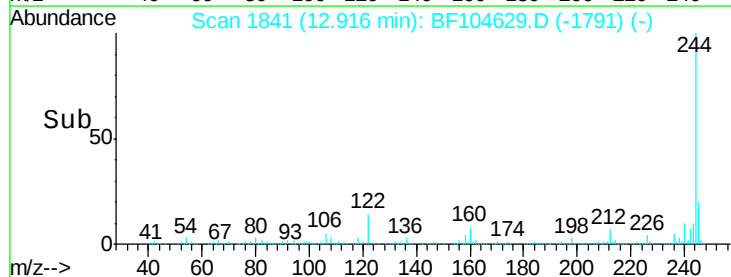
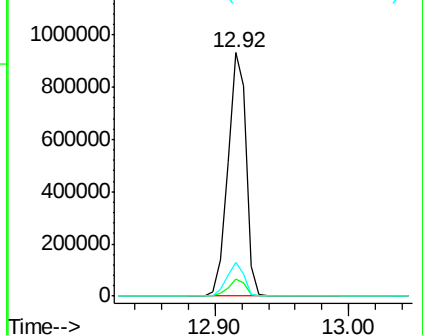


#78
Terphenyl-d14
Concen: 75.694 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.7	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

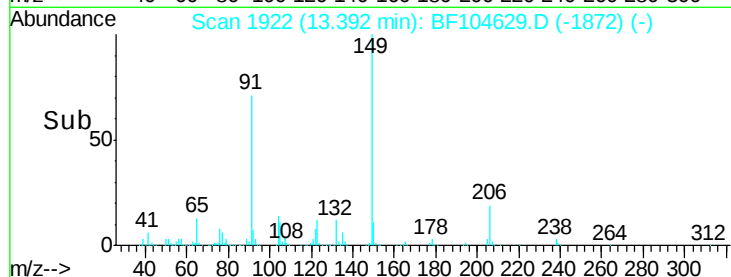
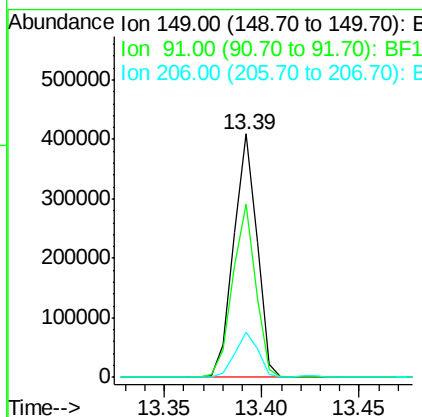
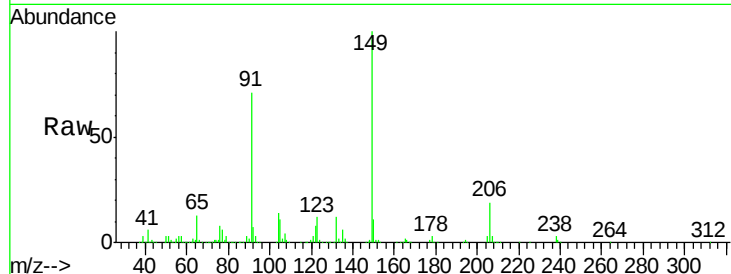




#79
Butylbenzylphthalate
Concen: 36.095 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

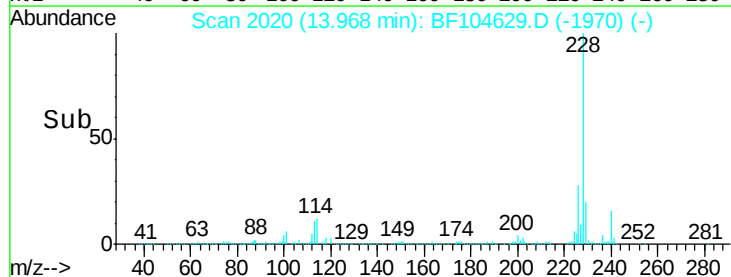
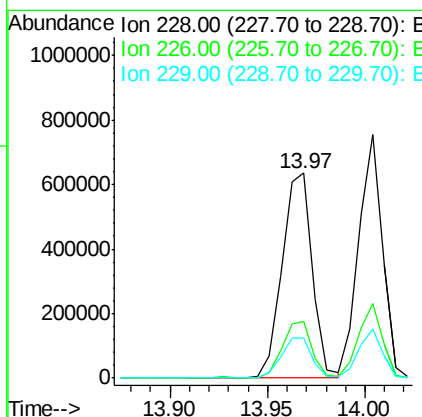
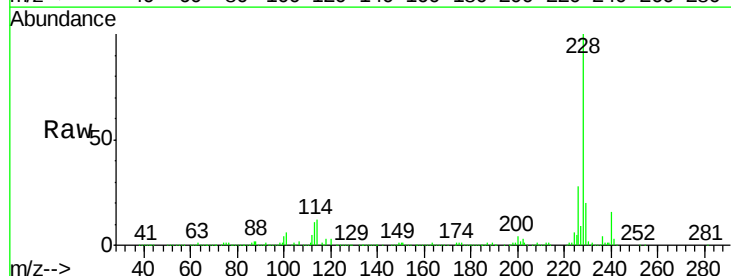
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.8	85.2
206	18.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.142 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.6	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 28.354 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

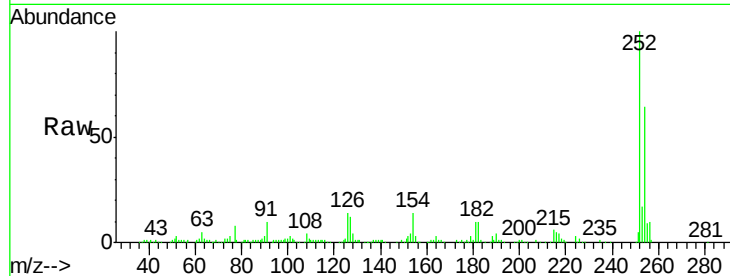
Tot Ion:252 Resp: 170317

Ion Ratio Lower Upper

252 100

254 63.5 50.4 75.6

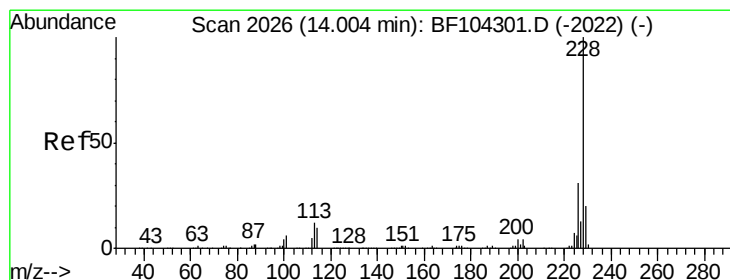
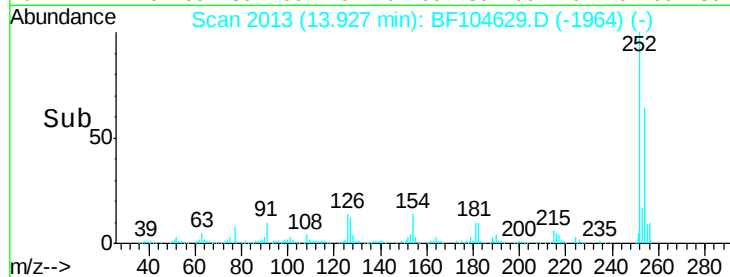
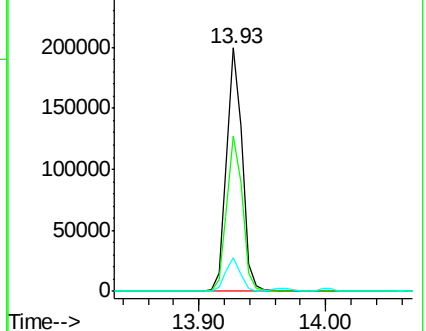
126 13.6 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.923 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

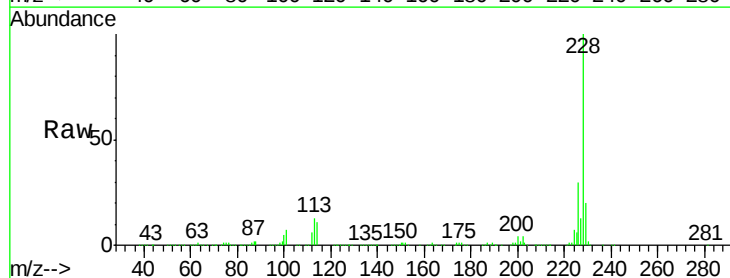
Tgt Ion:228 Resp: 644103

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

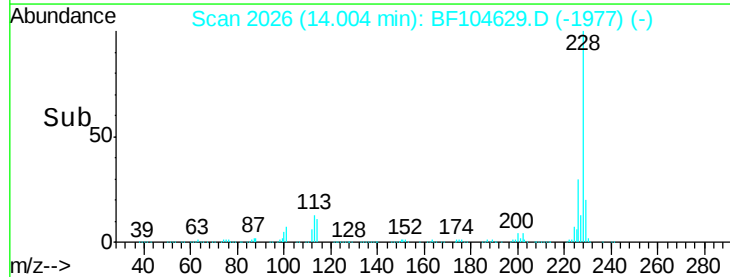
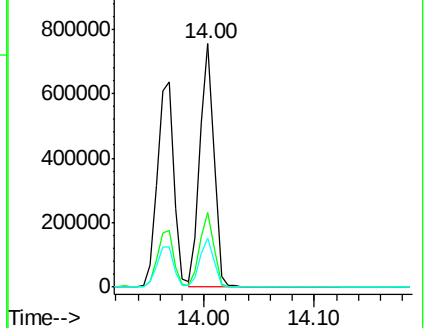
229 20.1 16.2 24.4



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: 38.508 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :

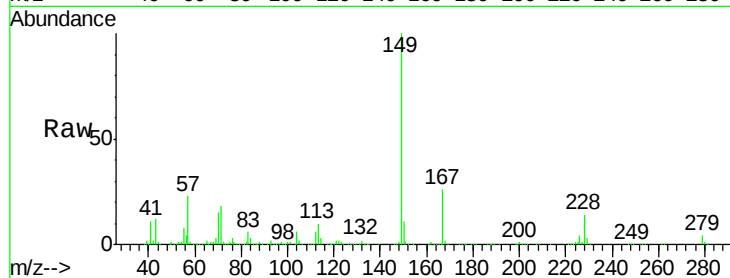
Tot Ion:149 Resp: 466437

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

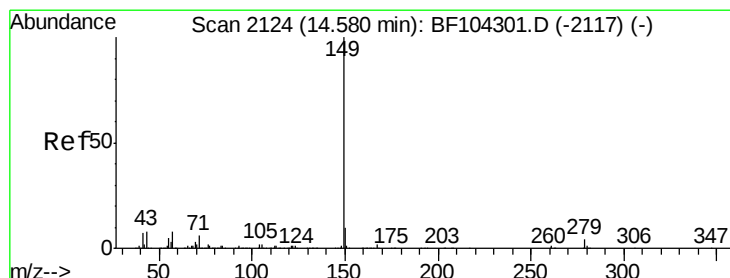
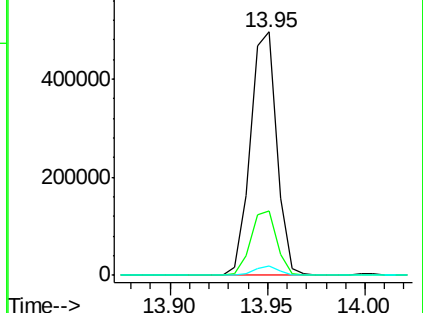
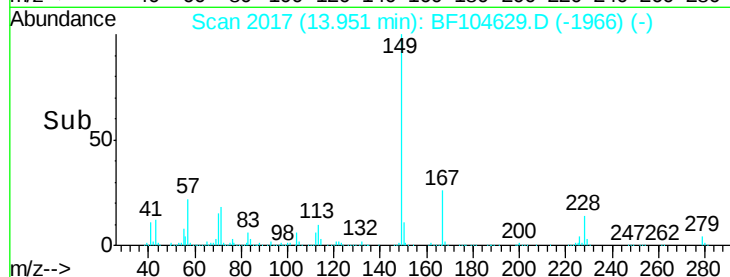
279 3.7 3.0 4.4



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: 41.798 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

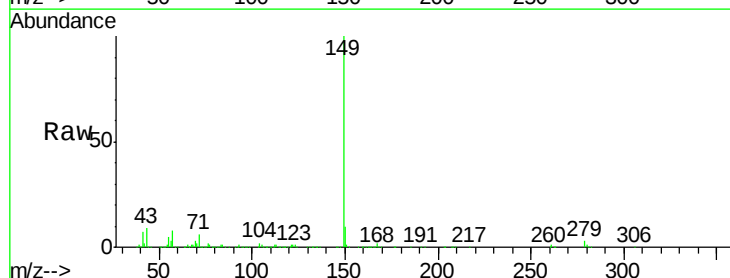
Tgt Ion:149 Resp: 845974

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

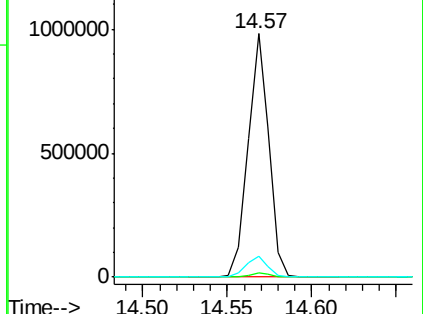
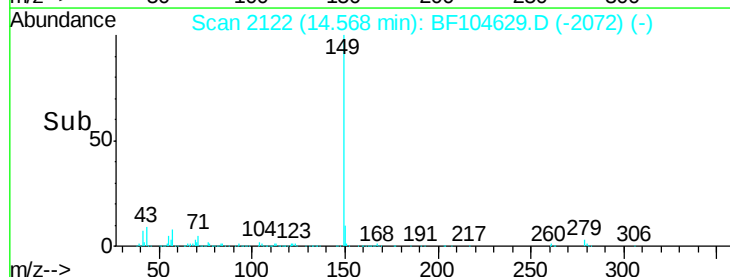
43 8.3 8.4 12.6#

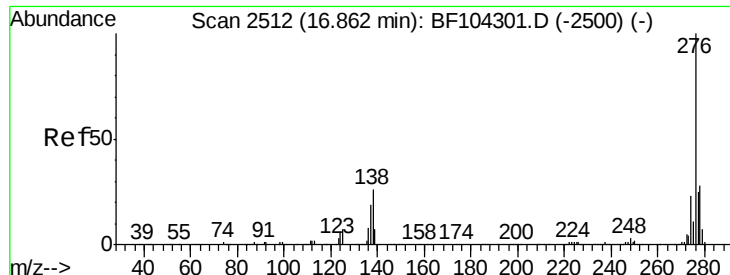


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

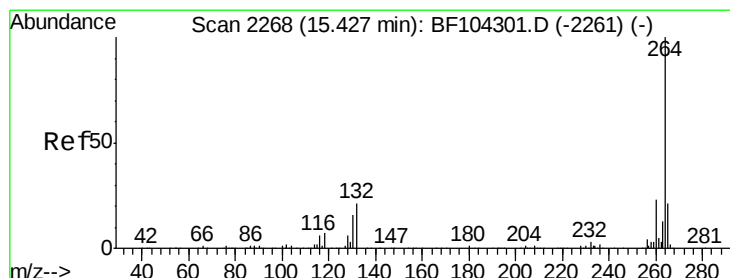
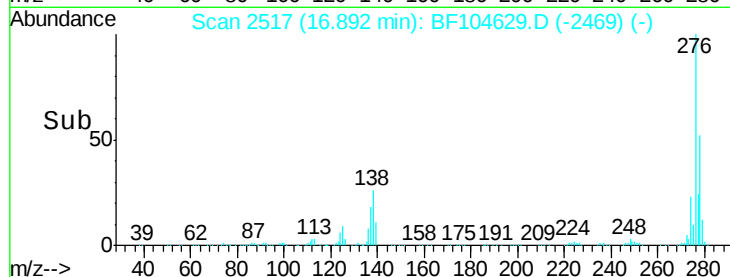
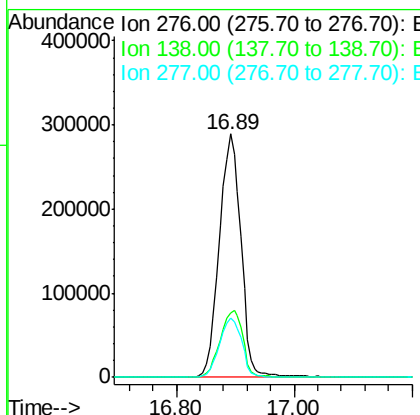
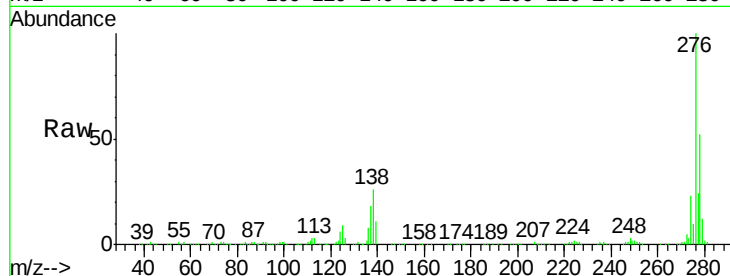




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.658 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.02 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

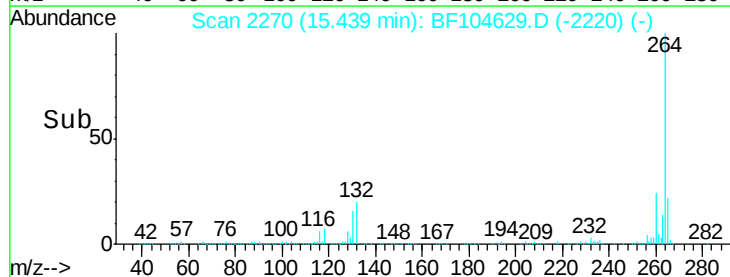
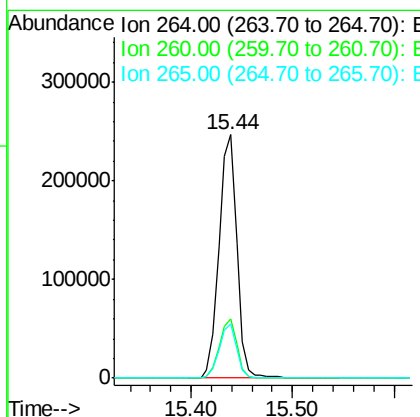
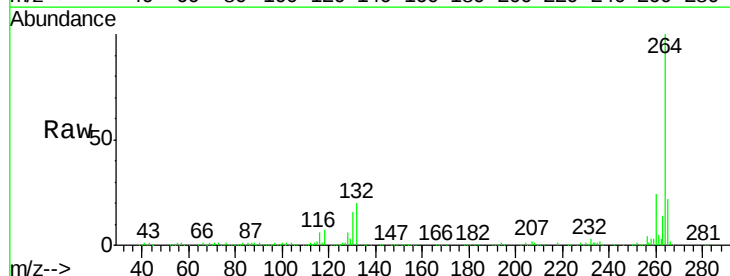
Instrument :
 BNA_F
 ClientSampleId :

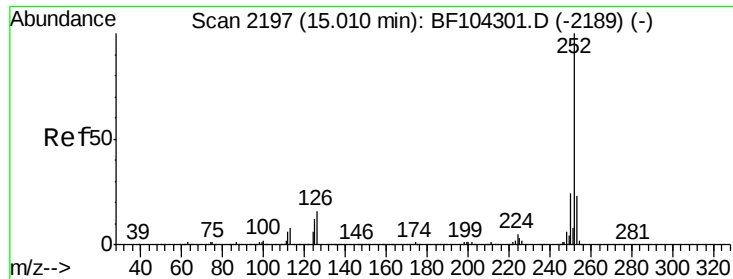
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104629.D
 Acq: 19 Apr 2018 14:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3

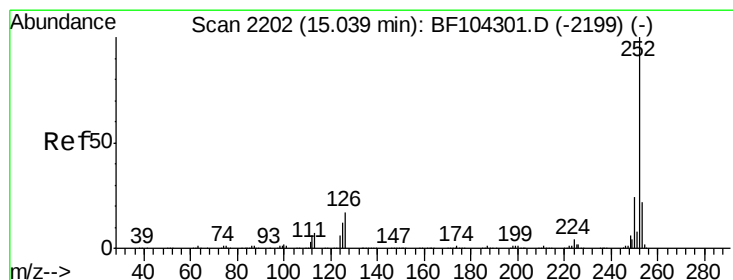
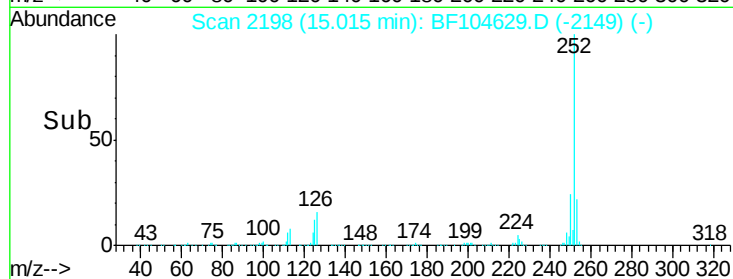
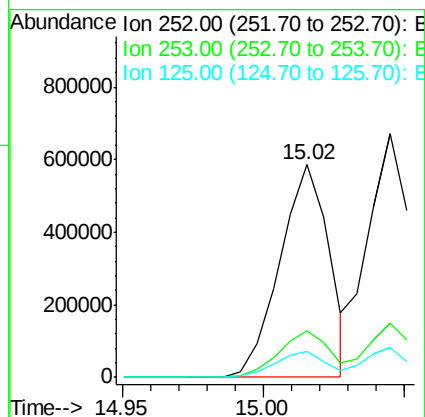
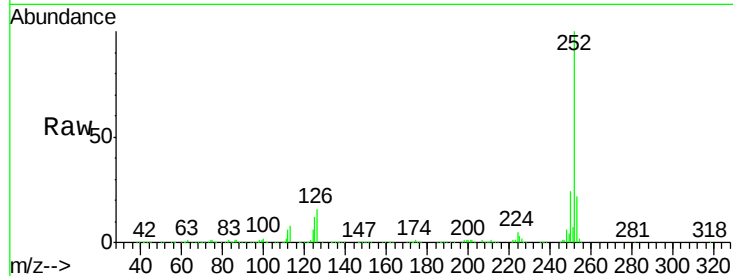




#87
Benzo(b)fluoranthene
Concen: 36.976 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

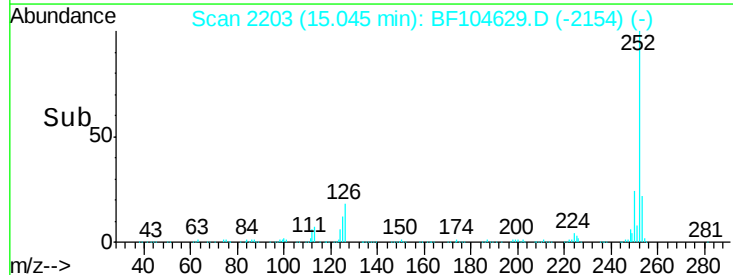
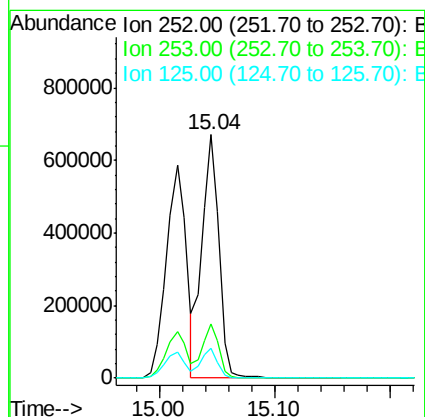
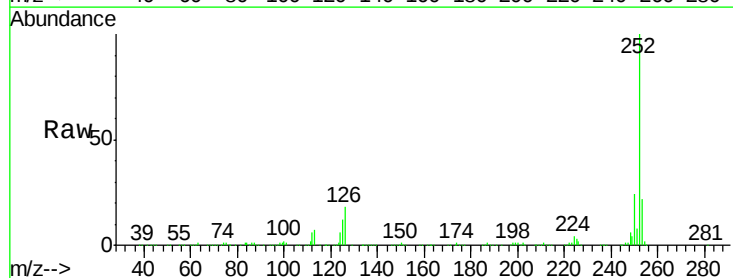
Instrument :
BNA_F
ClientSampleId :

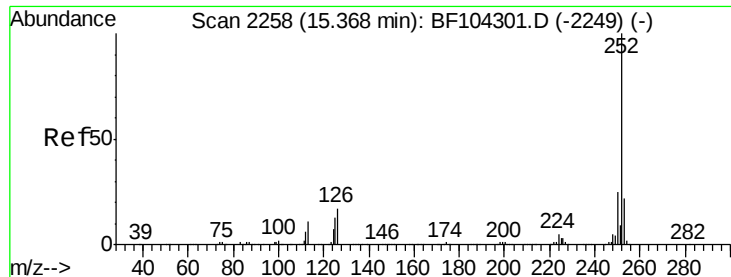
Tot Ion:252 Resp: 708084
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.538 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:252 Resp: 696733
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.3 10.2 15.2

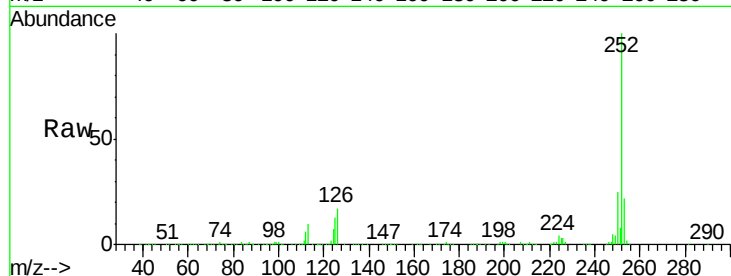




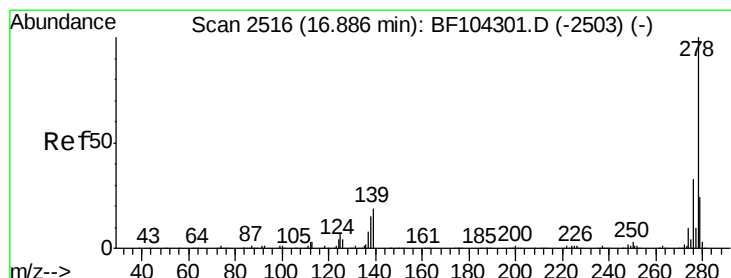
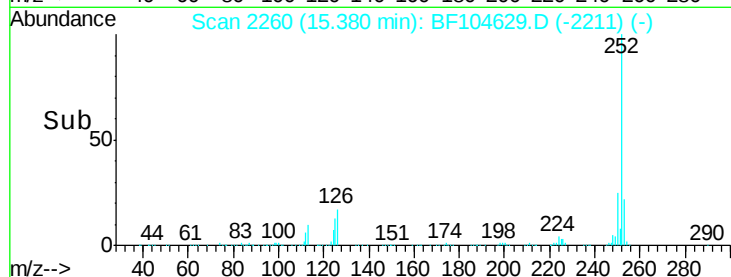
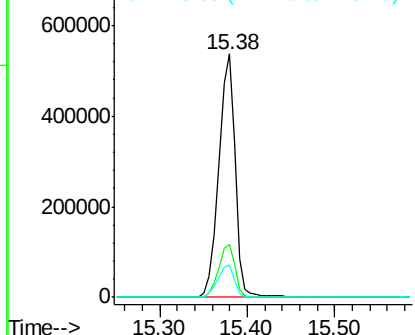
#89
Benzo(a)pyrene
Concen: 41.016 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 702781
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.1 9.8 14.6

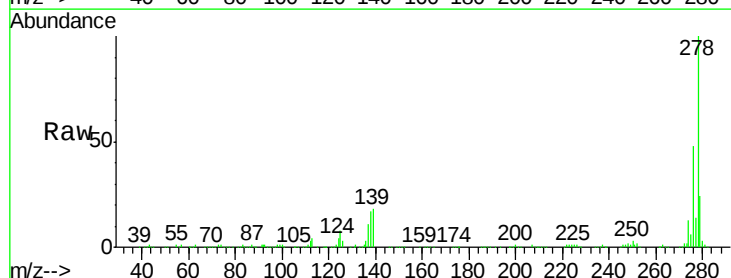


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

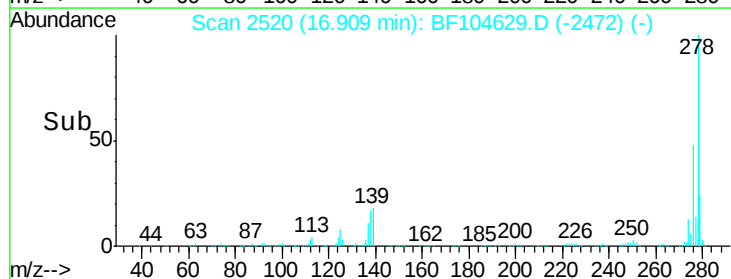
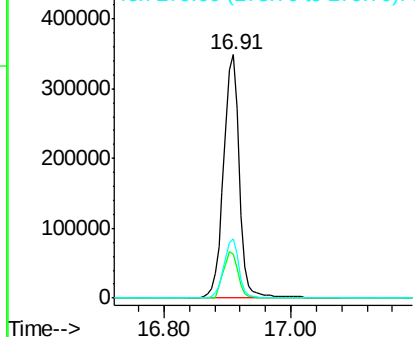


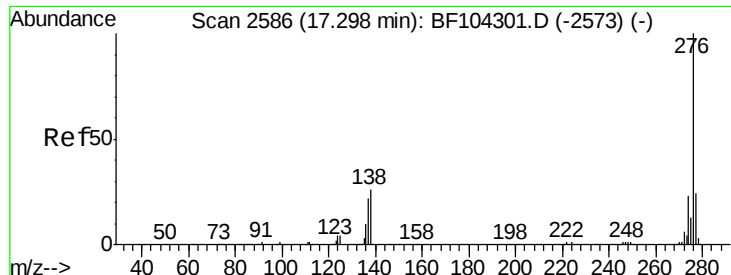
#90
Dibenzo(a,h)anthracene
Concen: 43.019 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104629.D
Acq: 19 Apr 2018 14:18

Tgt Ion:278 Resp: 605385
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 24.2 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 44.087 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.02 min

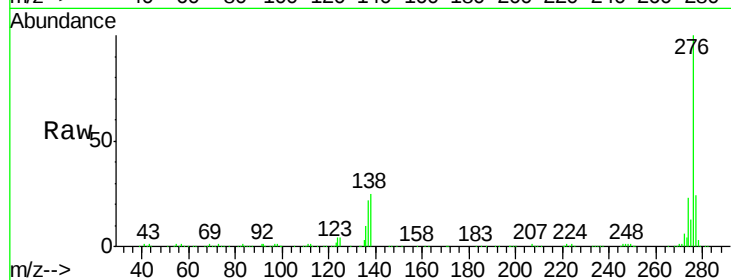
Lab File: BF104629.D

Acq: 19 Apr 2018 14:18

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 601078

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 25.4 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

