

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109122.D
 Acq On : 19 Sep 2018 3:48
 Operator : JU/SJ
 Sample : J4930-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 06:00:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

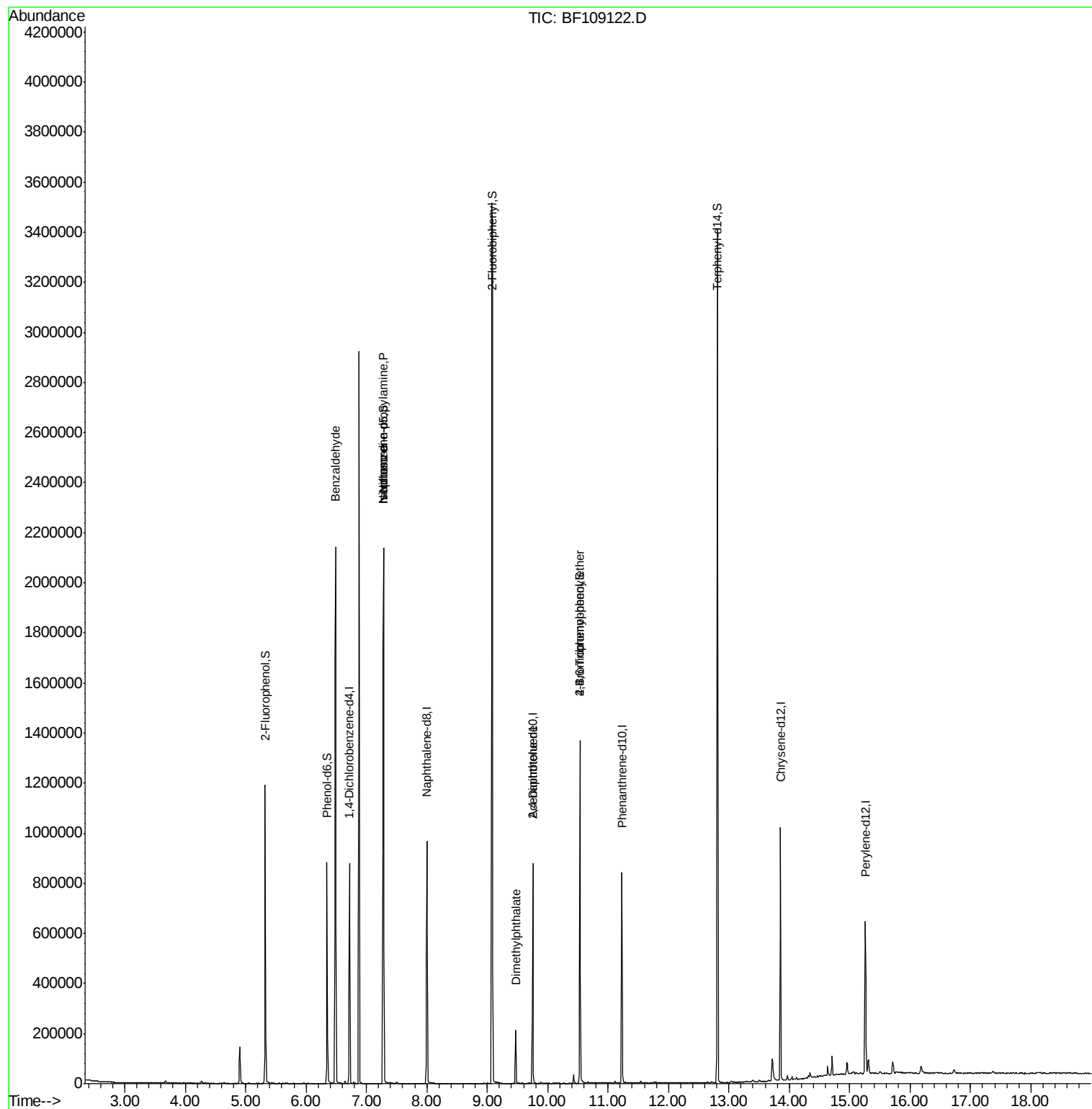
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116837	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	419288	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	171969	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	299780	20.00	ng	0.00
75) Chrysene-d12	13.85	240	318297	20.00	ng	0.00
86) Perylene-d12	15.26	264	263621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	319975	45.49	ng	0.00
7) Phenol-d6	6.35	99	254136	28.02	ng	-0.01
23) Nitrobenzene-d5	7.28	82	717574	95.99	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	164149	87.95	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1170820	106.67	ng	0.00
78) Terphenyl-d14	12.81	244	1172375	87.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	12543	2.165	ng	# 79
19) n-Nitroso-di-n-propylamine	7.28	70	96294	16.060	ng	# 77
25) Isophorone	7.28	82	712813	55.471	ng	# 64
49) Dimethylphthalate	9.47	163	89801	7.306	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	22171	6.219	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	9931	2.938	ng	# 1

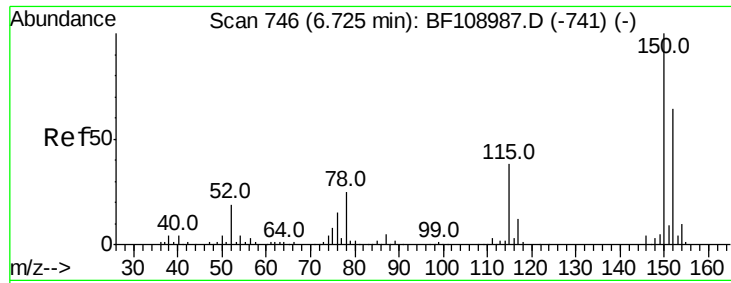
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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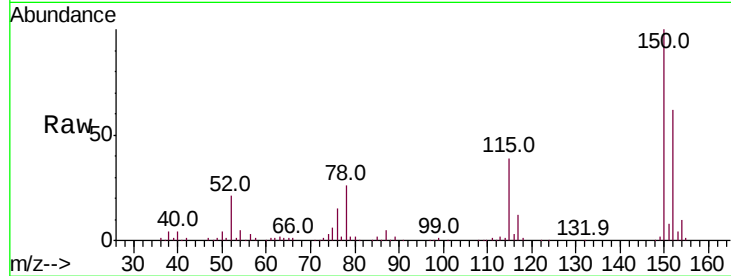


#1

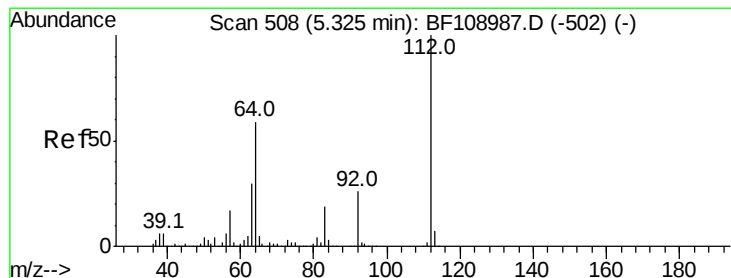
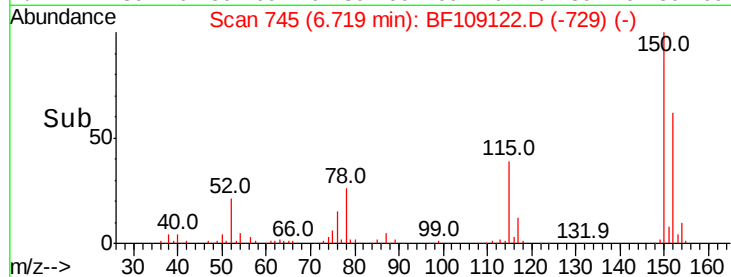
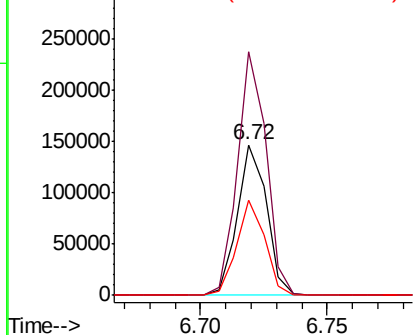
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.6	186.8
115	63.3	50.1	75.1



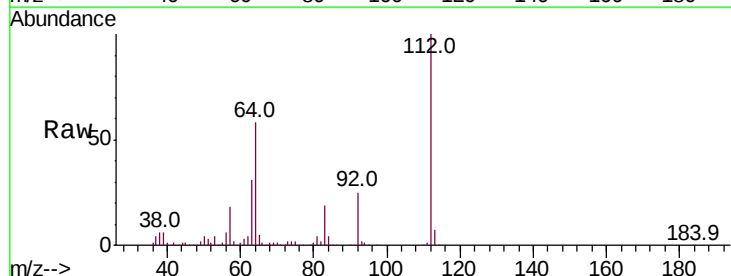
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



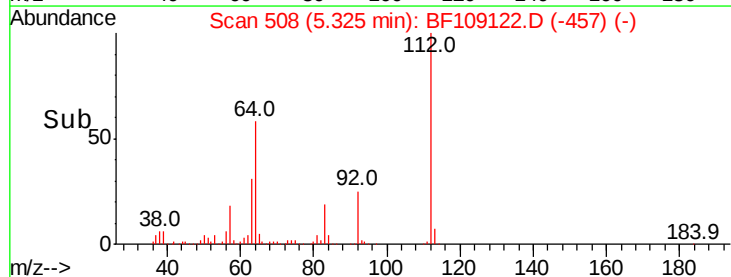
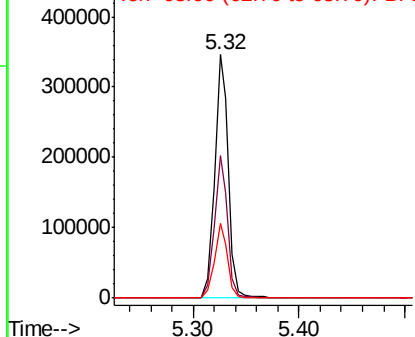
#5

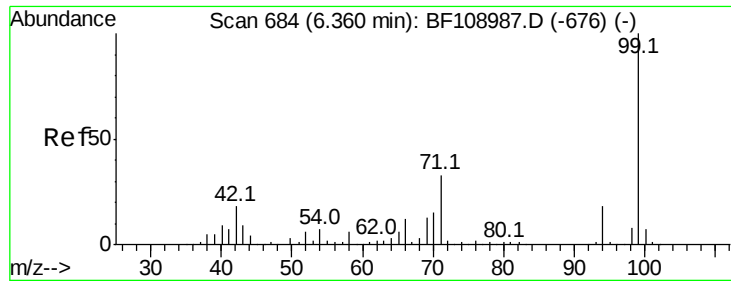
2-Fluorophenol
Concen: 45.486 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	30.6	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





#7

Phenol-d6

Concen: 28.017 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109122.D

Acq: 19 Sep 2018 3:48

Instrument :

BNA_F

ClientSampled :

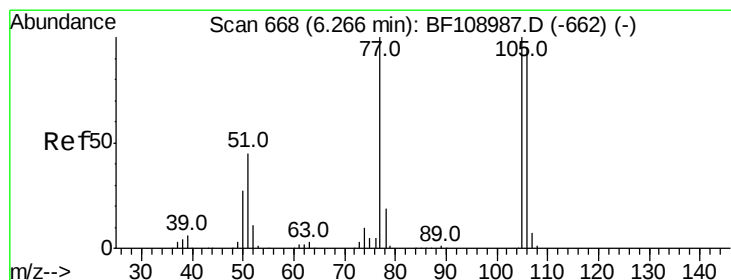
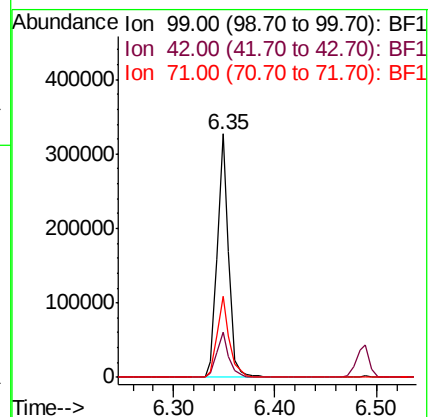
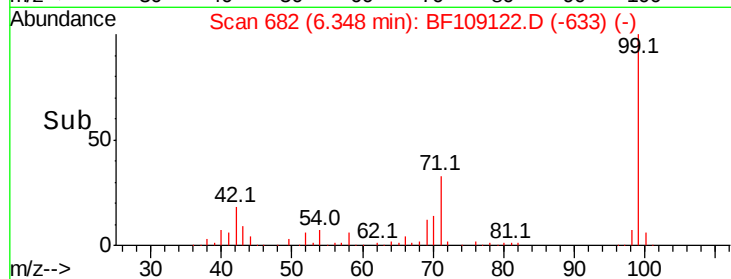
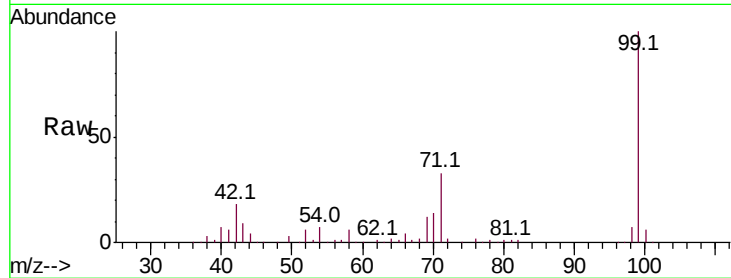
Tot Ion: 99 Resp: 254136

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 33.2 25.4 38.0



#9

Benzaldehyde

Concen: 2.165 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109122.D

Acq: 19 Sep 2018 3:48

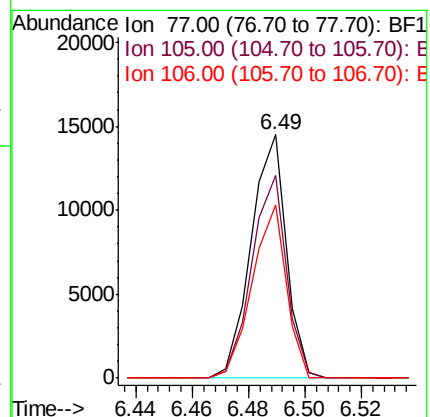
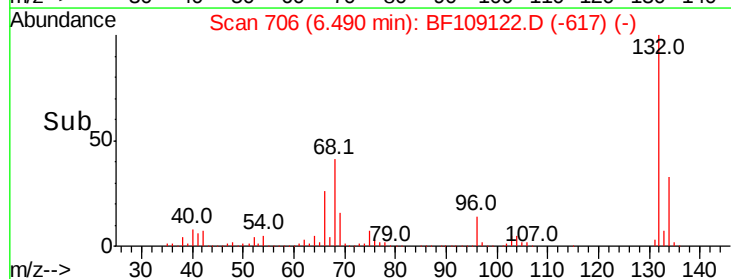
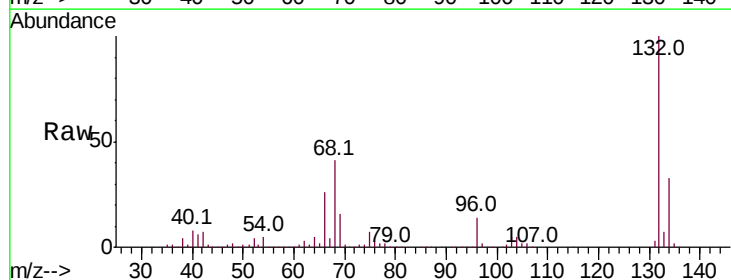
Tgt Ion: 77 Resp: 12543

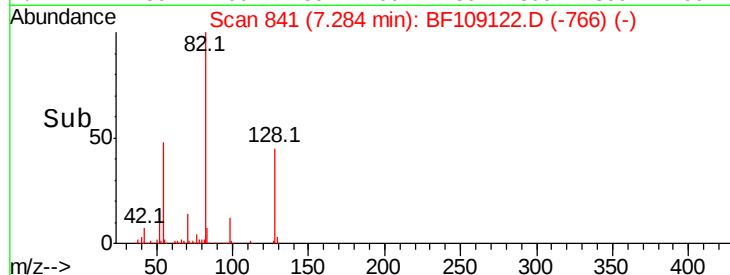
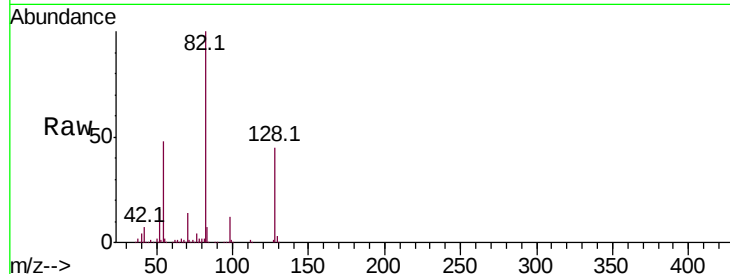
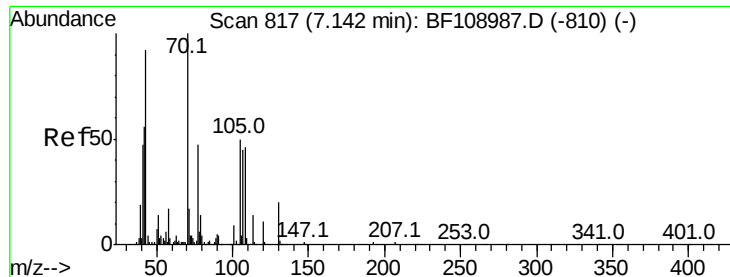
Ion Ratio Lower Upper

77 100

105 83.2 81.1 121.1

106 70.9 74.5 114.5#

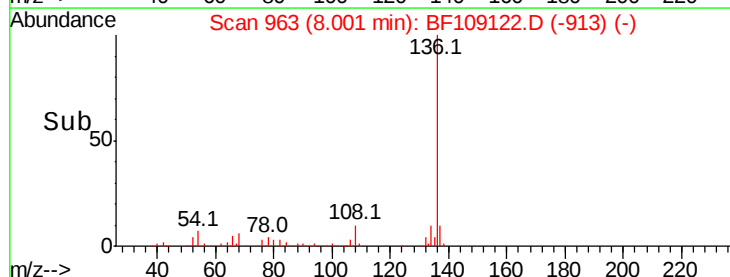
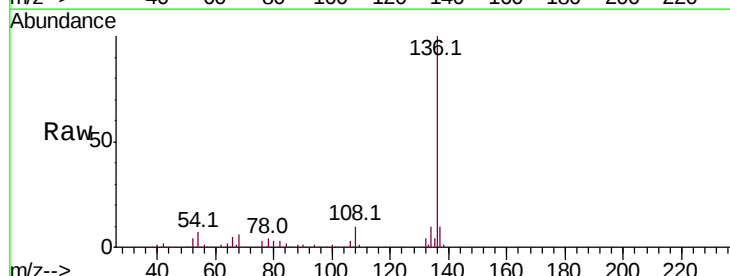
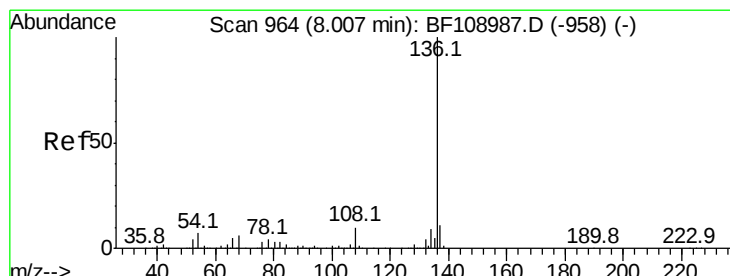
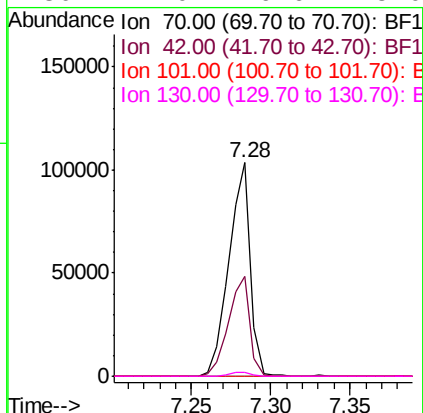




#19
n-Nitroso-di-n-propylamine
Concen: 16.060 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

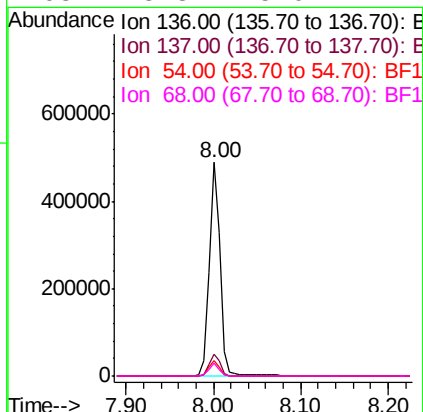
Instrument :
BNA_F
ClientSampleId :

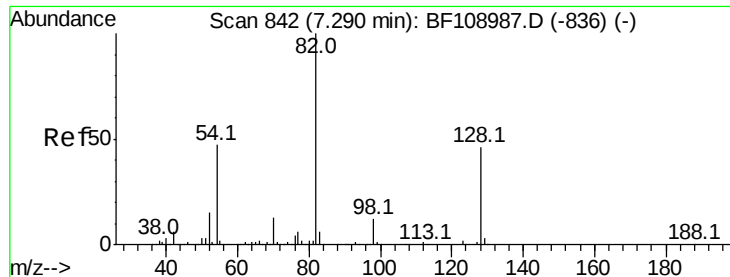
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4

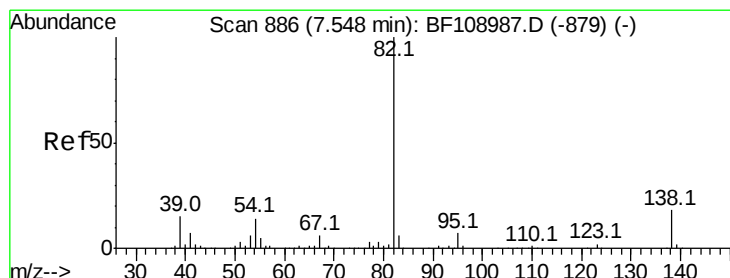
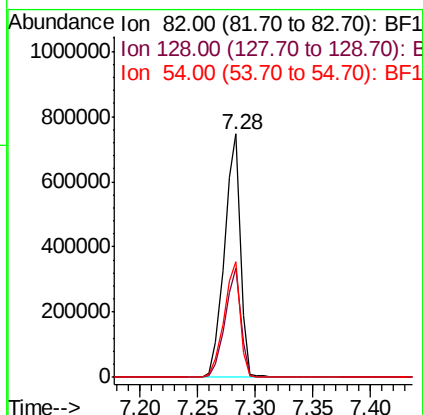
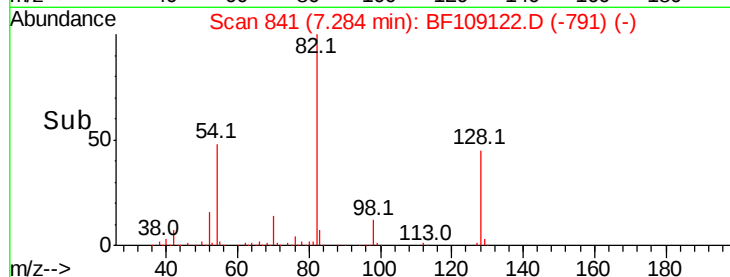
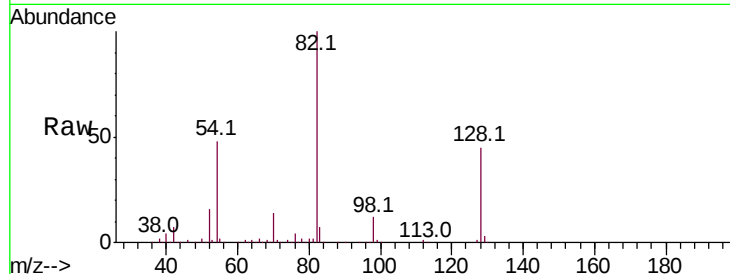




#23
Nitrobenzene-d5
Concen: 95.990 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

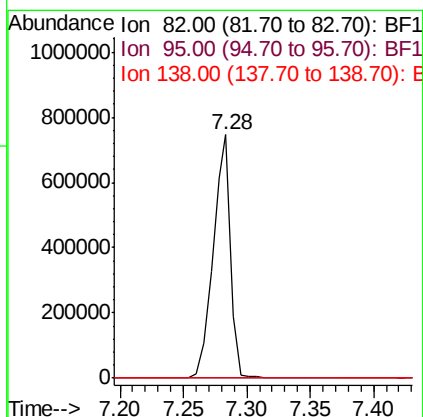
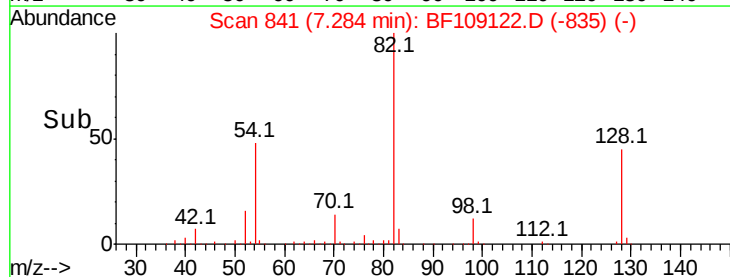
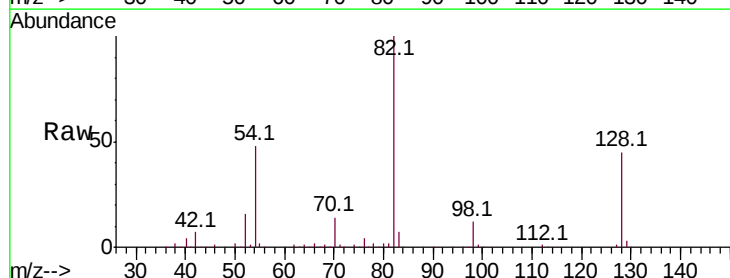
Instrument :
BNA_F
ClientSampleId :

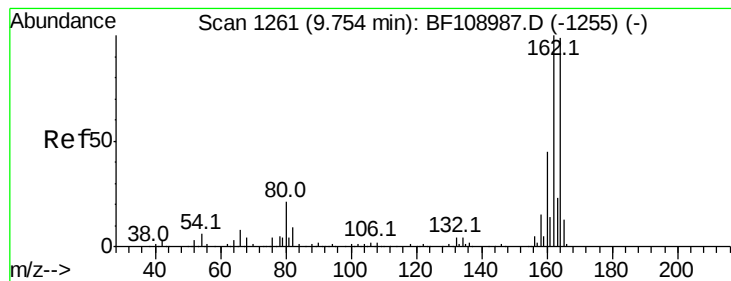
Tot Ion: 82 Resp: 717574
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 47.6 41.4 62.2



#25
Isophorone
Concen: 55.471 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

Tgt Ion: 82 Resp: 712813
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF109122.D

Acq: 19 Sep 2018 3:48

Instrument :

BNA_F

ClientSampleId :

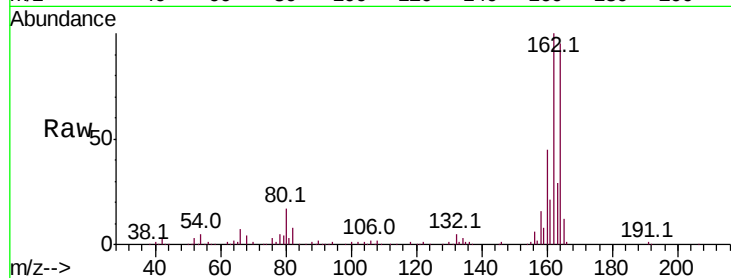
Tot Ion:164 Resp: 171969

Ion Ratio Lower Upper

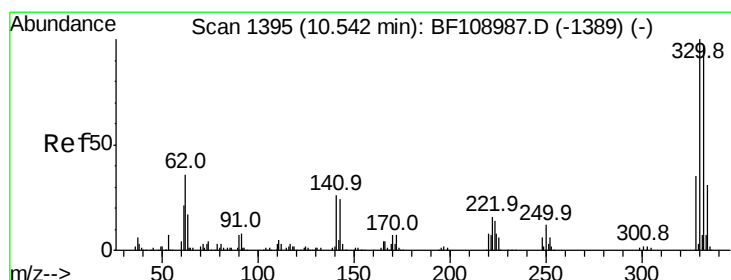
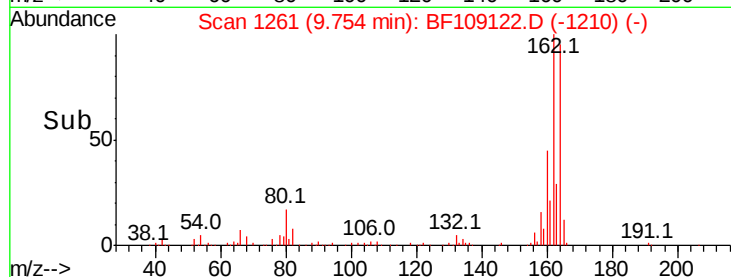
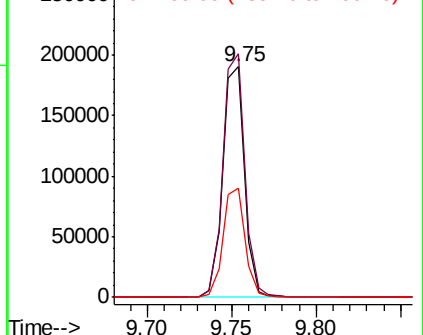
164 100

162 105.6 86.1 129.1

160 47.3 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



#41

2,4,6-Tribromophenol

Concen: 87.953 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109122.D

Acq: 19 Sep 2018 3:48

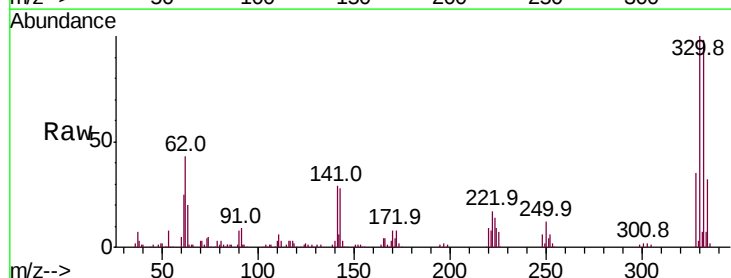
Tgt Ion:330 Resp: 164149

Ion Ratio Lower Upper

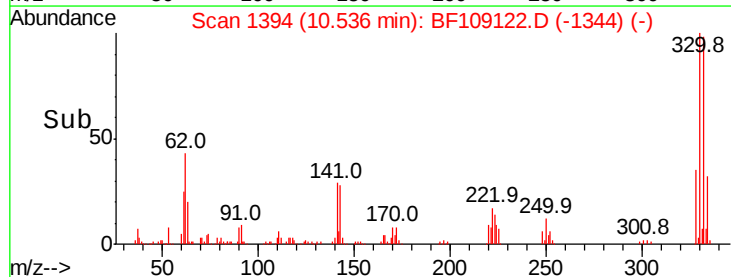
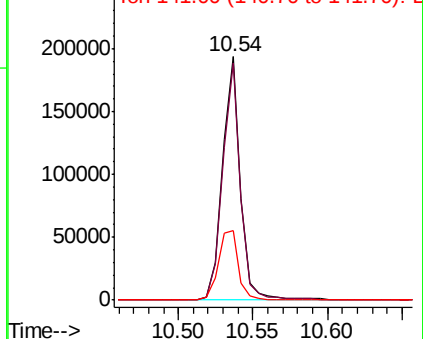
330 100

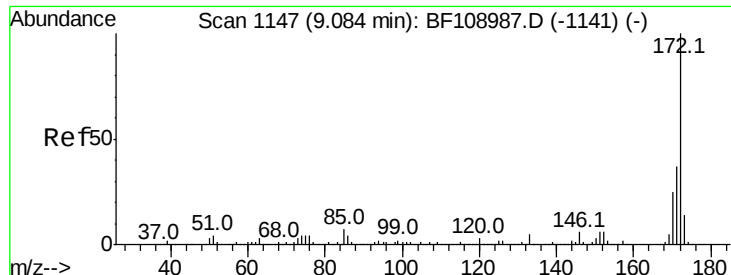
332 97.1 77.0 115.6

141 32.2 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

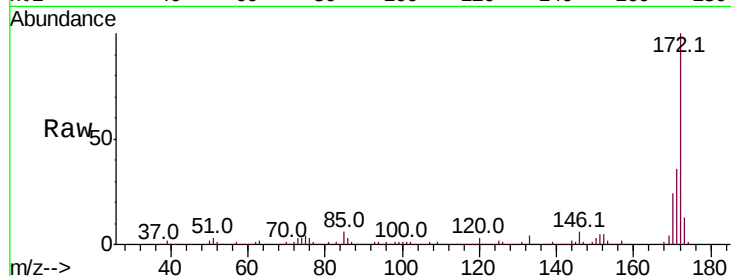




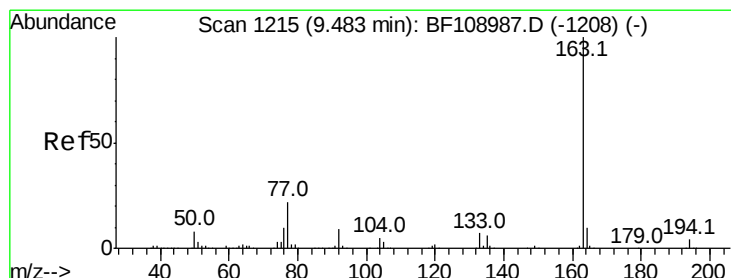
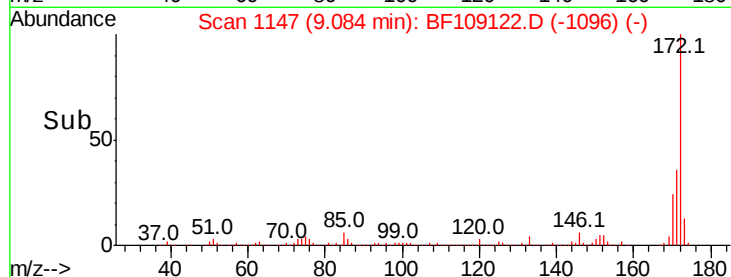
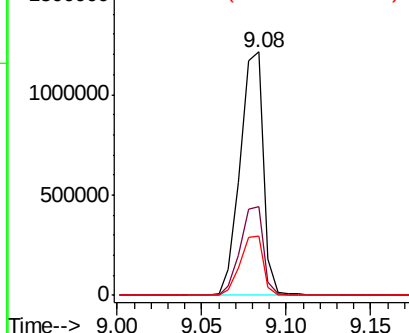
#44
2-Fluorobiphenyl
Concen: 106.668 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1170820
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4

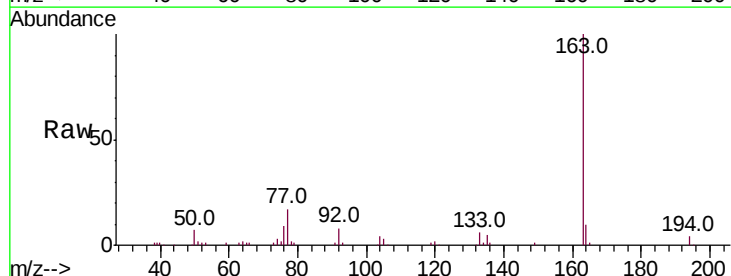


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

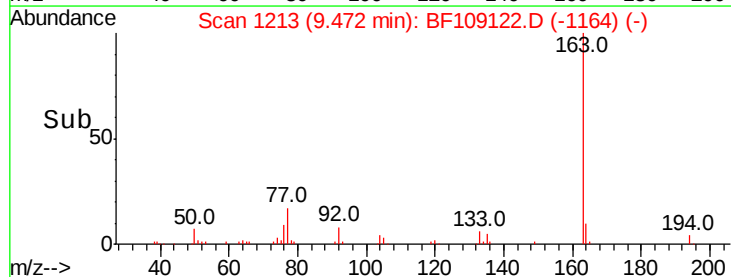
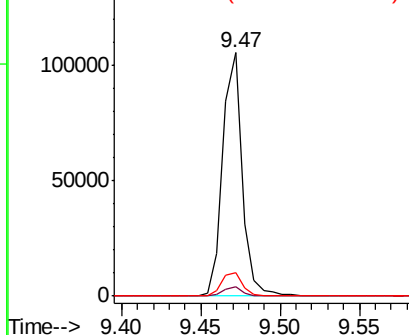


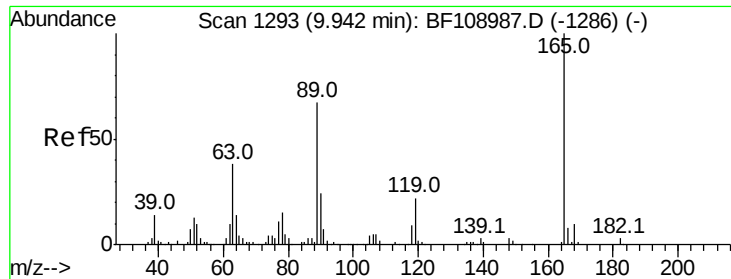
#49
Dimethylphthalate
Concen: 7.306 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

Tgt Ion:163 Resp: 89801
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2



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

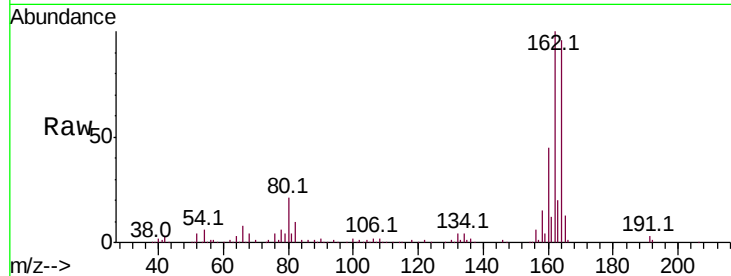




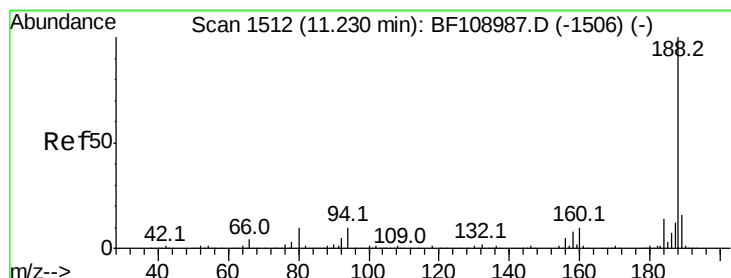
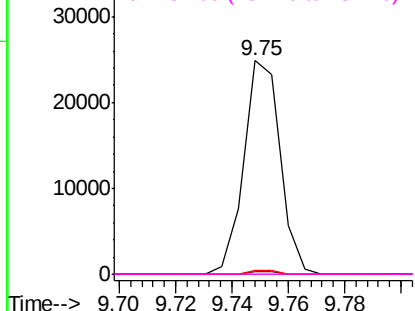
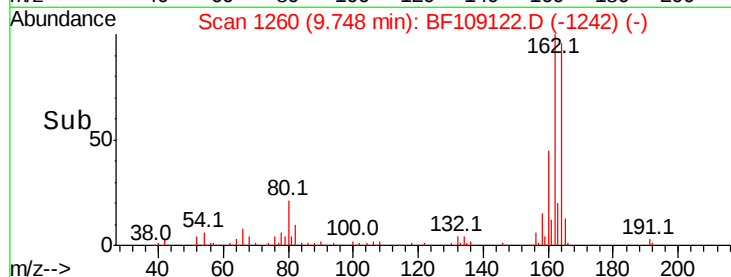
#56
 2,4-Dinitrotoluene
 Concen: 6.219 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109122.D
 Acq: 19 Sep 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22171
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

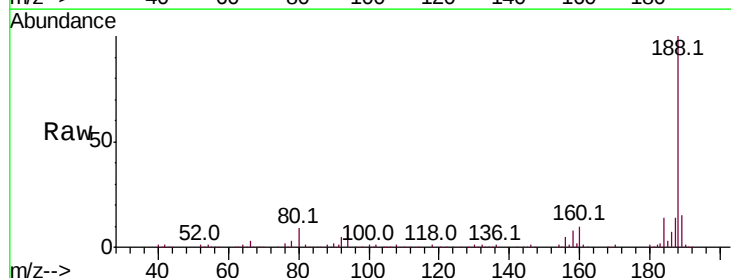


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

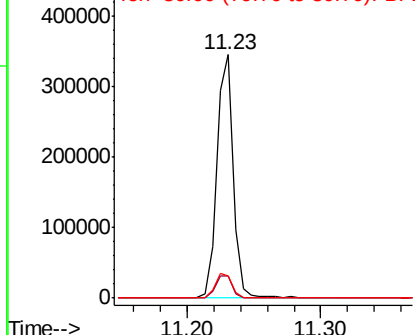
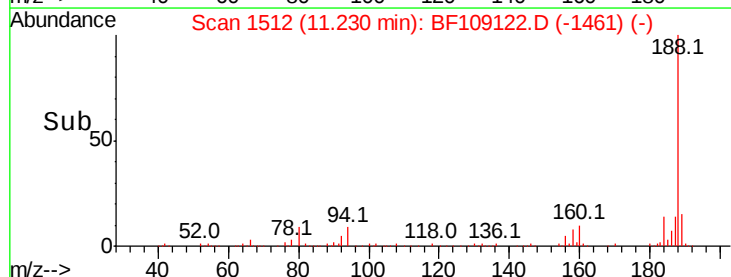


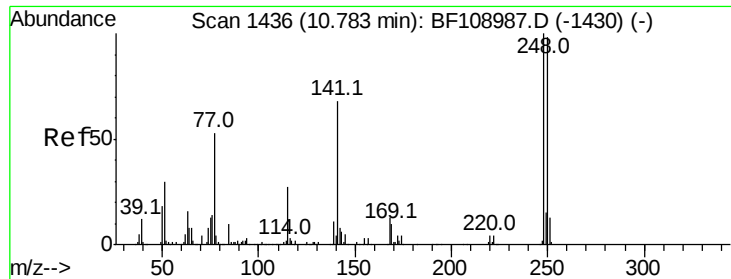
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF109122.D
 Acq: 19 Sep 2018 3:48

Tgt Ion:188 Resp: 299780
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 9.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

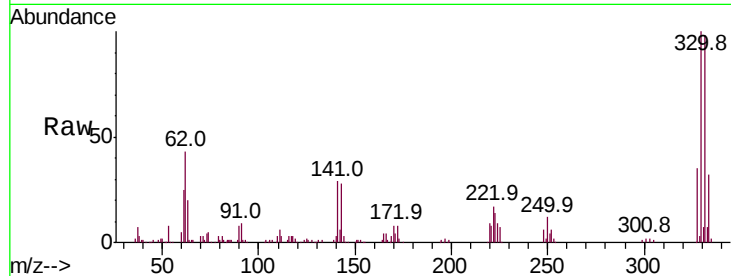




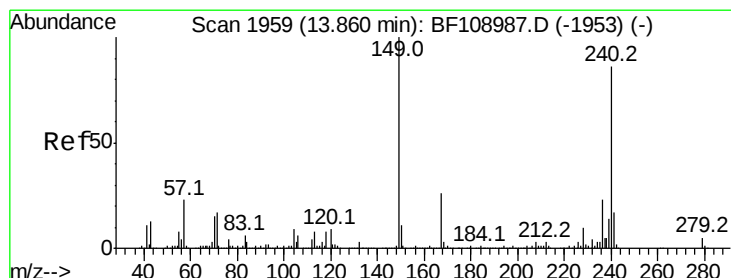
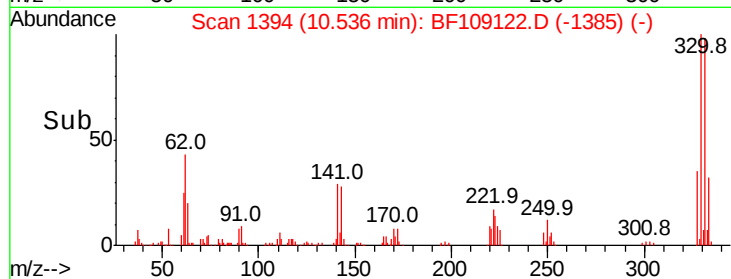
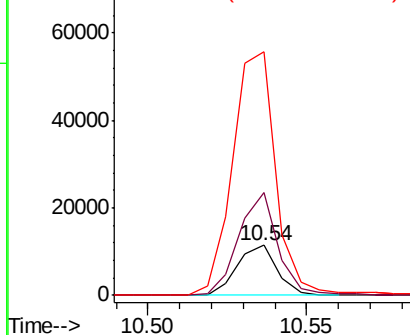
#66
4-Bromophenyl-phenylether
Concen: 2.938 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9931
Ion Ratio Lower Upper
248 100
250 205.2 76.9 115.3#
141 487.3 74.4 111.6#

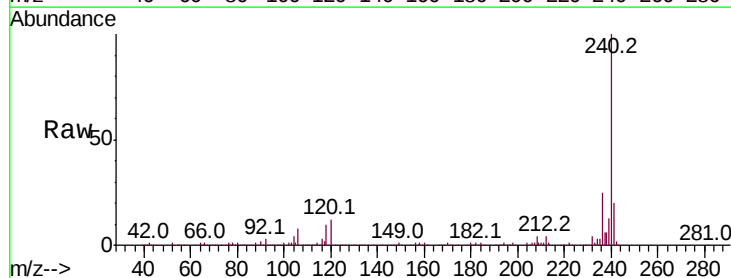


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

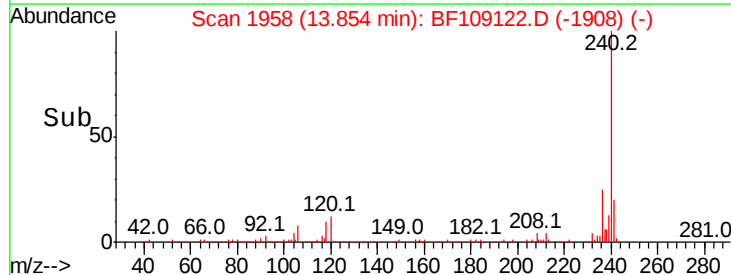
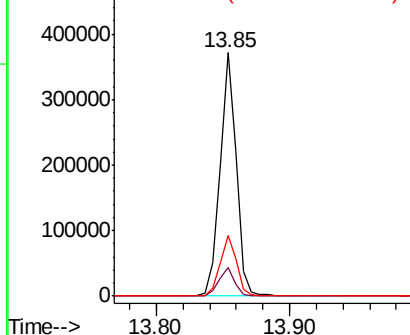


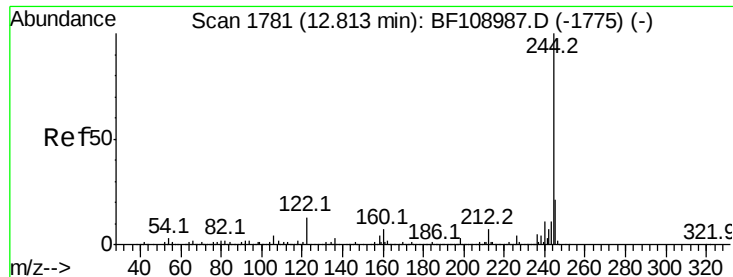
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109122.D
Acq: 19 Sep 2018 3:48

Tgt Ion:240 Resp: 318297
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 25.1 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



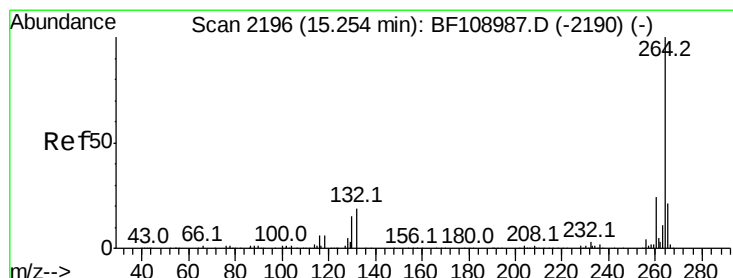
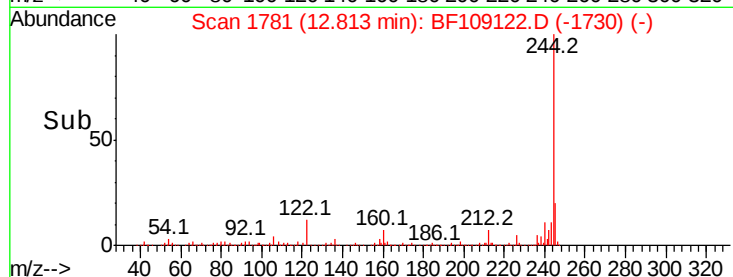
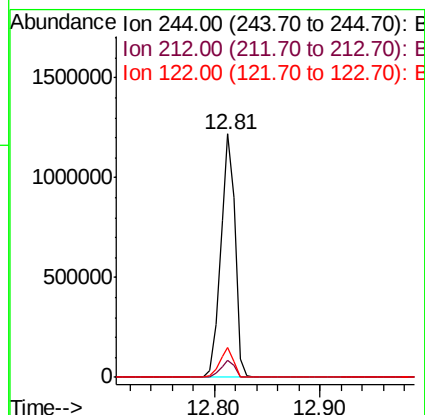
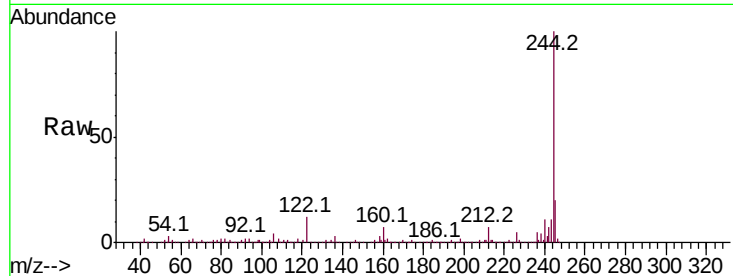


#78
 Terphenyl-d14
 Concen: 87.303 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109122.D
 Acq: 19 Sep 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1172375

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109122.D
 Acq: 19 Sep 2018 3:48

Tgt Ion:264 Resp: 263621

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

