

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109055.D
 Acq On : 17 Sep 2018 18:24
 Operator : JU/SJ
 Sample : J4942-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB32727RT

Quant Time: Sep 18 02:24:27 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

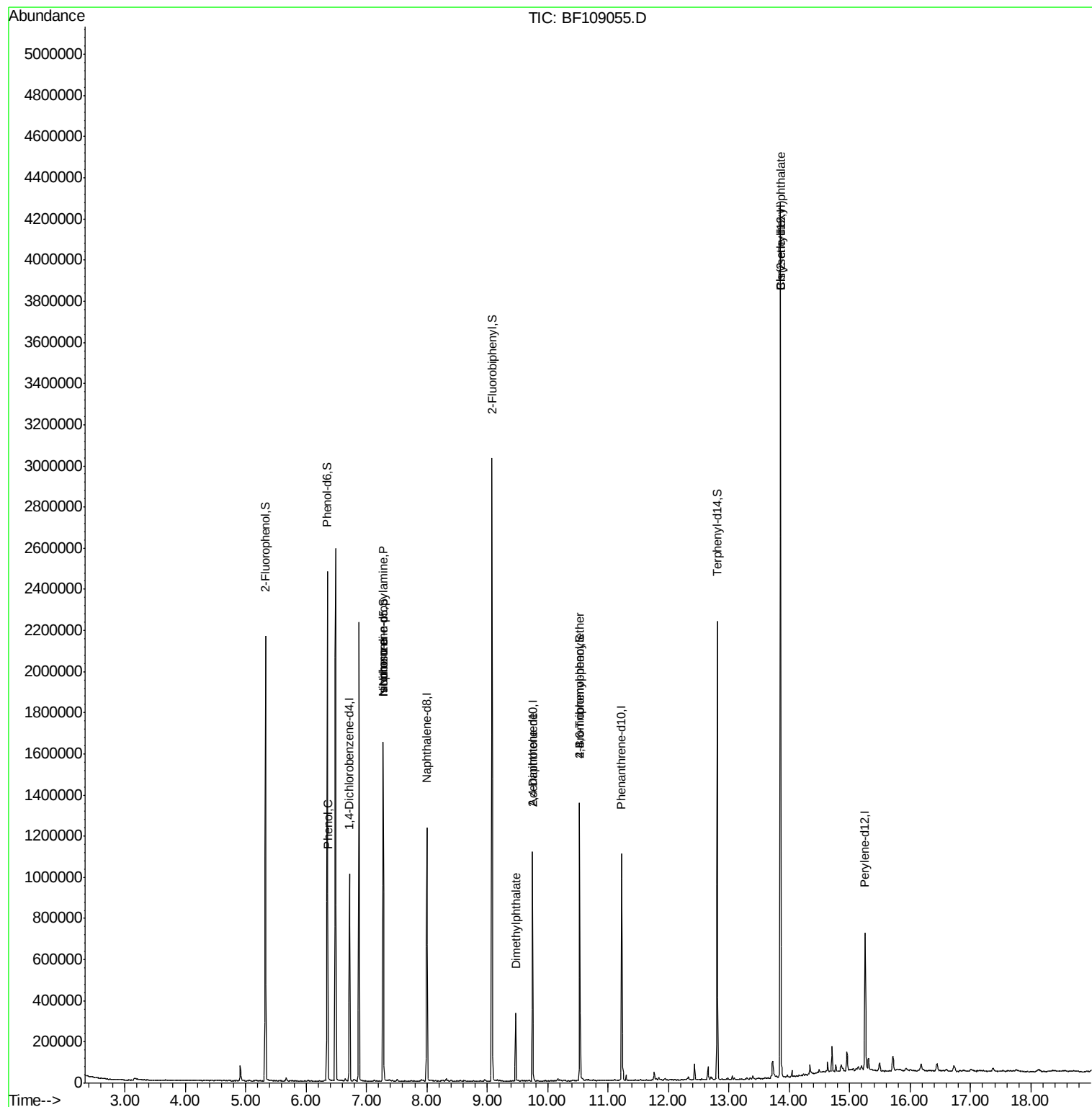
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139578	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	496104	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	218072	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	397548	20.00	ng	0.00
75) Chrysene-d12	13.85	240	292319	20.00	ng	0.00
86) Perylene-d12	15.26	264	297918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	642586	76.46	ng	0.00
7) Phenol-d6	6.35	99	807781	74.54	ng	0.00
23) Nitrobenzene-d5	7.28	82	495880	56.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	171450	72.44	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	837214	60.15	ng	0.00
78) Terphenyl-d14	12.81	244	749817	60.80	ng	0.00
Target Compounds						
10) Phenol	6.37	94	30592	2.509	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	65039	9.080	ng	# 79
25) Isophorone	7.28	82	492590	32.398	ng	# 64
49) Dimethylphthalate	9.47	163	131856	8.460	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	27441	6.070	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	10154	2.266	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.85	149	1004092	85.510	ng	100

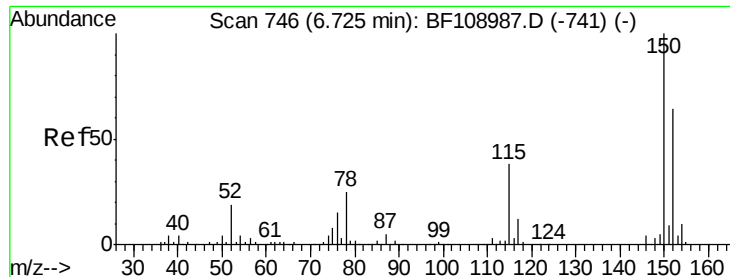
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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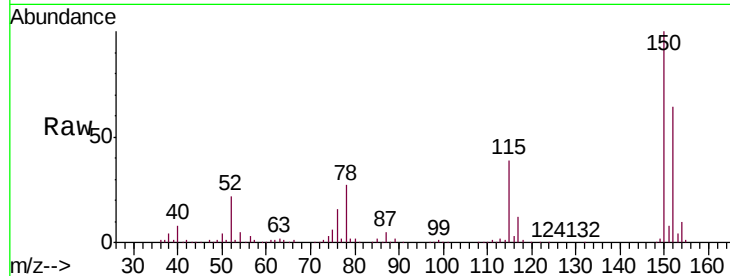


#1

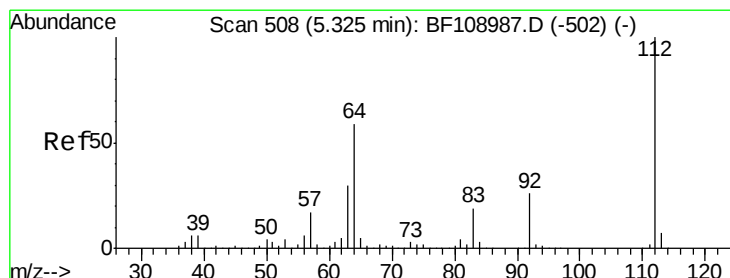
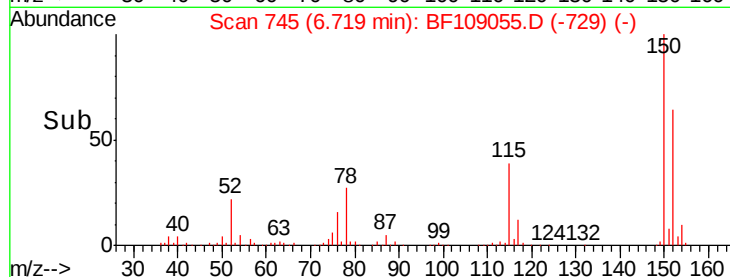
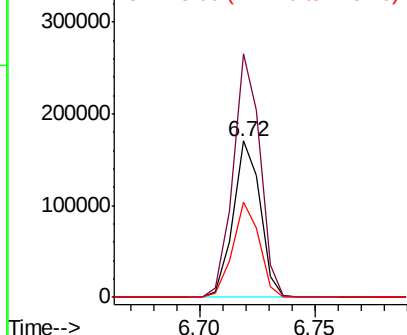
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109055.D
Acq: 17 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :
RB32727RT

Tgt Ion:152 Resp: 139578
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.5 50.1 75.1



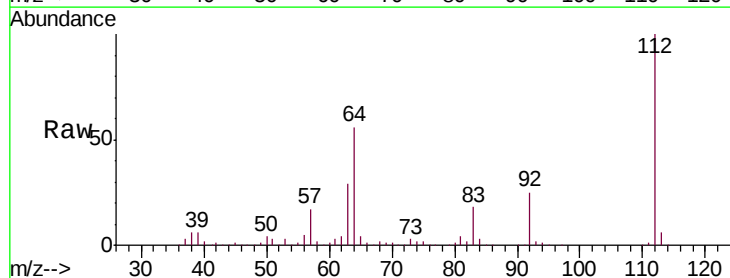
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



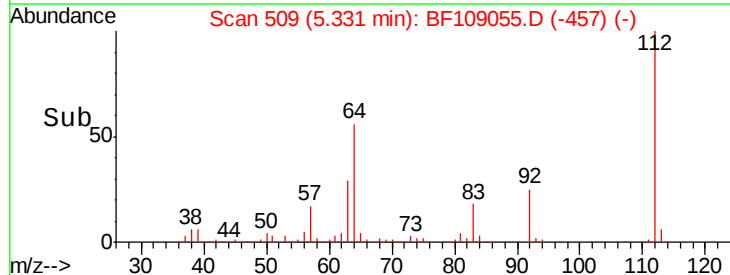
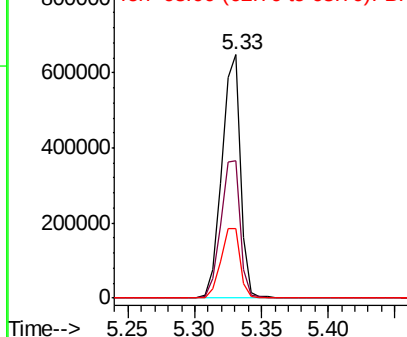
#5

2-Fluorophenol
Concen: 76.463 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109055.D
Acq: 17 Sep 2018 18:24

Tgt Ion:112 Resp: 642586
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.7 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: 74.544 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109055.D

Acq: 17 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

RB32727RT

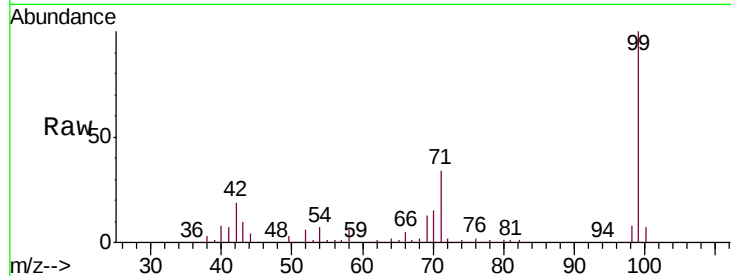
Tgt Ion: 99 Resp: 807781

Ion Ratio Lower Upper

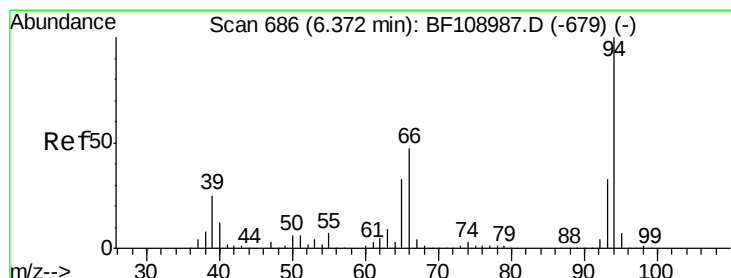
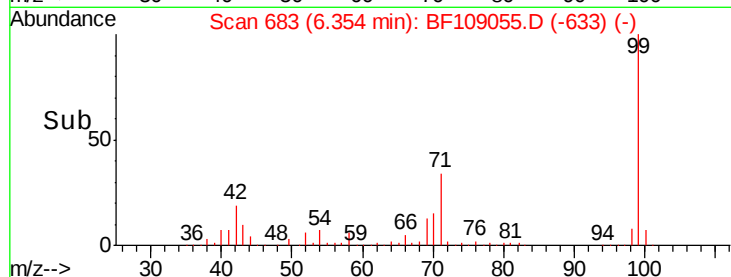
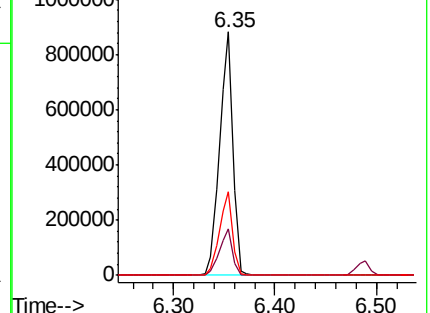
99 100

42 19.1 14.5 21.7

71 34.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1
800000
600000
400000
200000
0



#10

Phenol

Concen: 2.509 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF109055.D

Acq: 17 Sep 2018 18:24

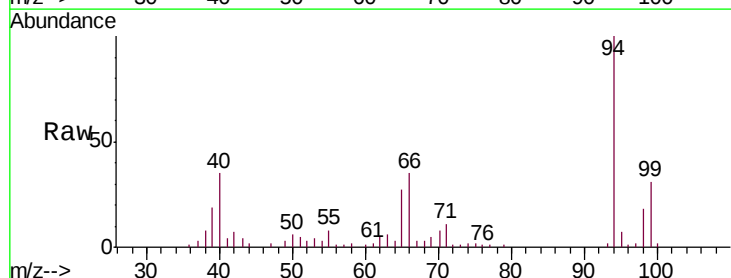
Tgt Ion: 94 Resp: 30592

Ion Ratio Lower Upper

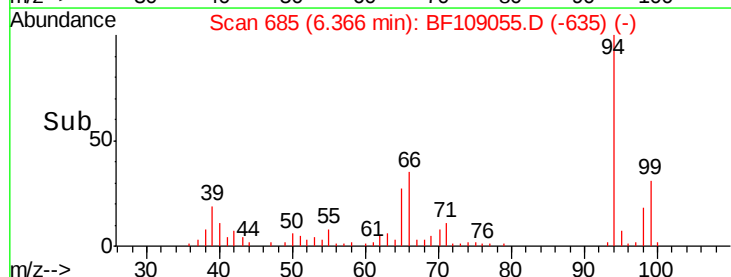
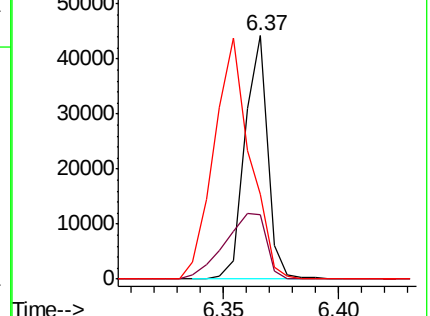
94 100

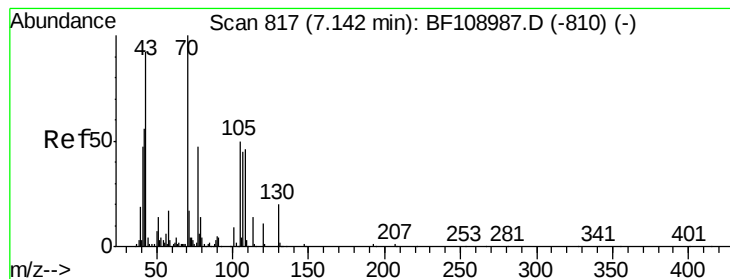
65 26.6 7.9 47.9

66 34.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
60000
Ion 65.00 (64.70 to 65.70): BF1
50000
Ion 66.00 (65.70 to 66.70): BF1
40000
30000
20000
10000
0





#19

n-Nitroso-di-n-propylamine

Concen: 9.080 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109055.D

Acq: 17 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

RB32727RT

Tgt Ion: 70 Resp: 65039

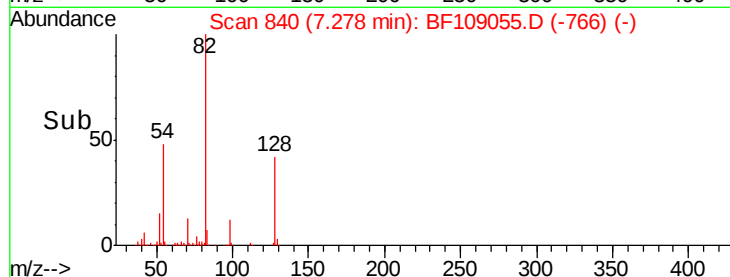
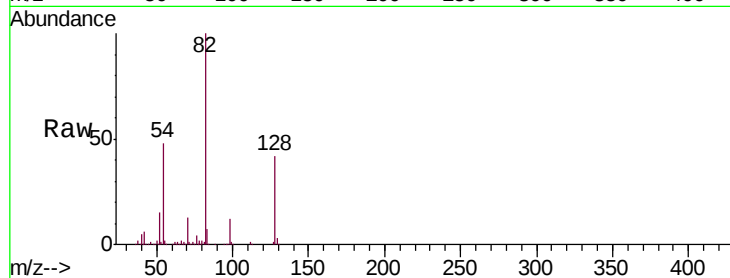
Ion Ratio Lower Upper

70 100

42 49.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

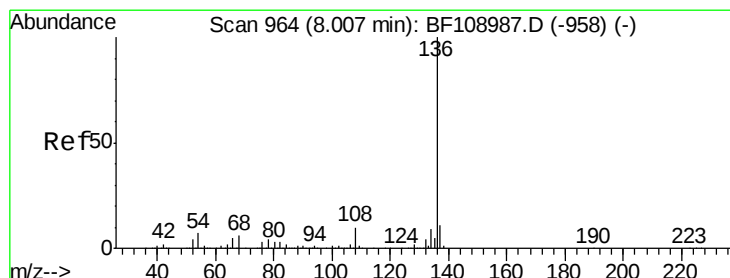
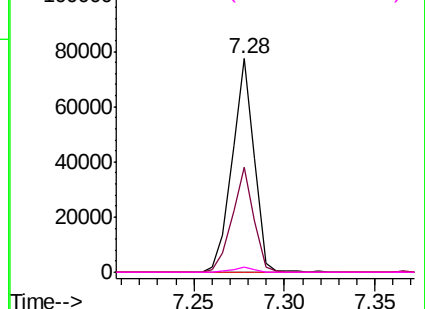


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109055.D

Acq: 17 Sep 2018 18:24

Tgt Ion: 136 Resp: 496104

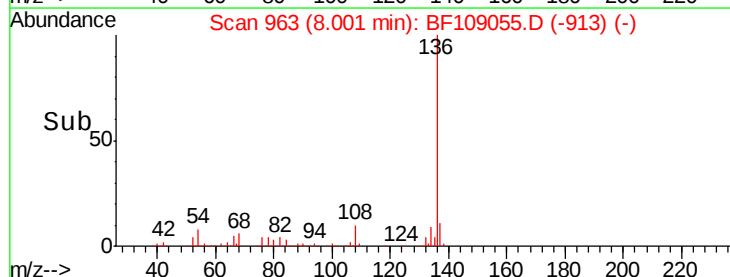
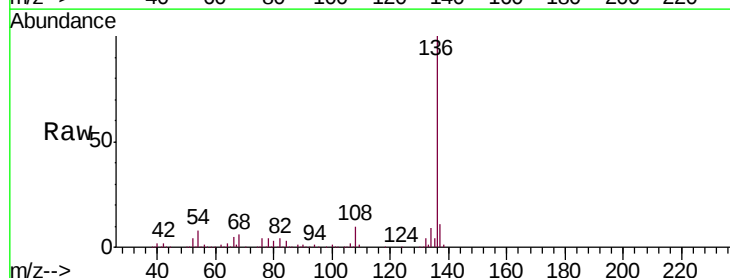
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 6.3 5.0 7.4

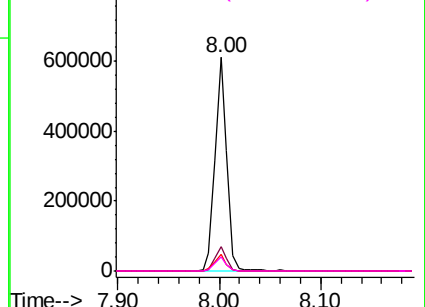


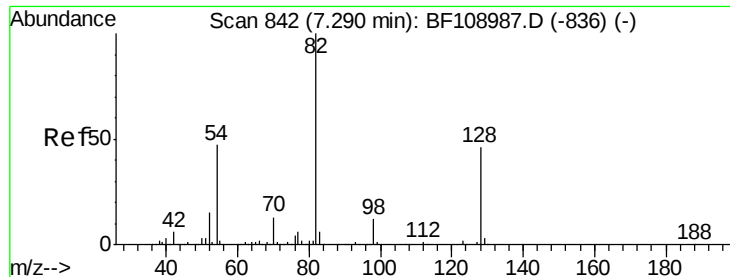
Abundance Ion 136.00 (135.70 to 136.70): E

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

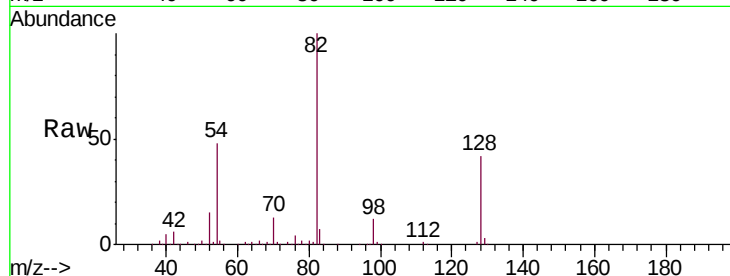




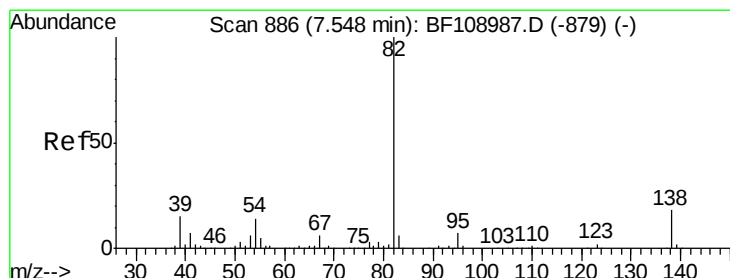
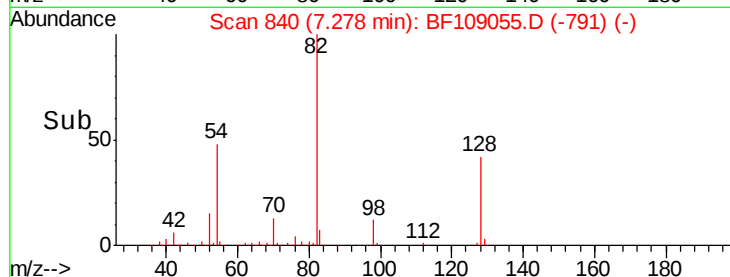
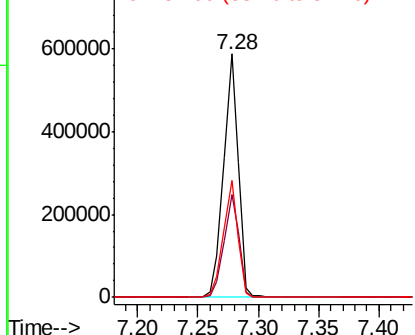
#23
Nitrobenzene-d5
Concen: 56.063 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109055.D
Acq: 17 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :
RB32727RT

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	47.9	41.4	62.2

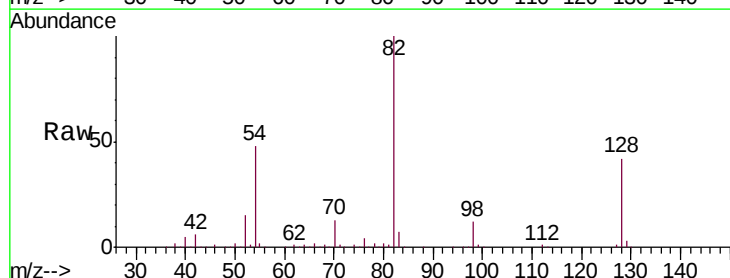


Abundance Ion 82.00 (81.70 to 82.70): BF1
800000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

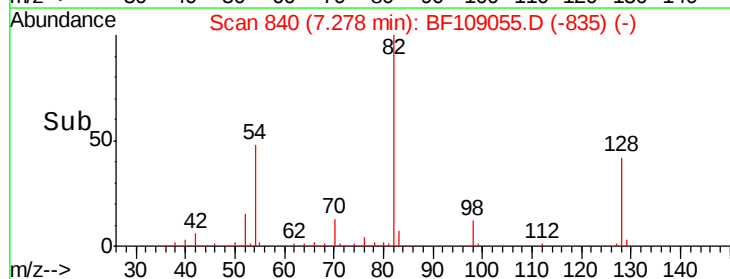
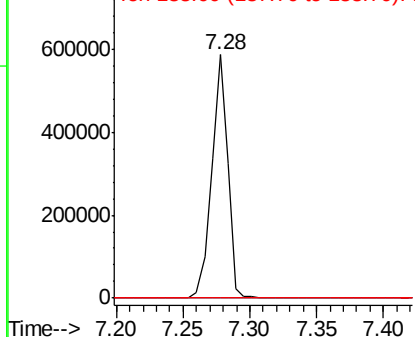


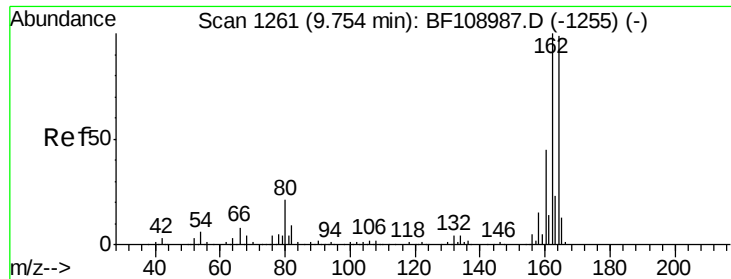
#25
Isophorone
Concen: 32.398 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109055.D
Acq: 17 Sep 2018 18:24

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



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

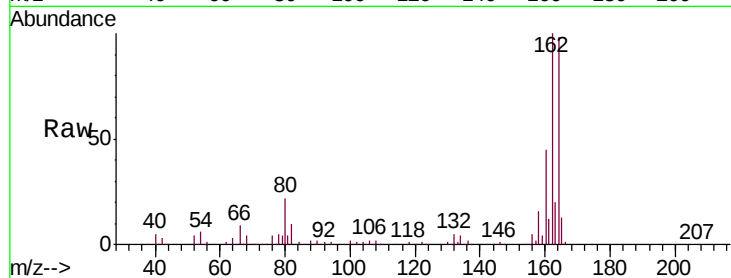




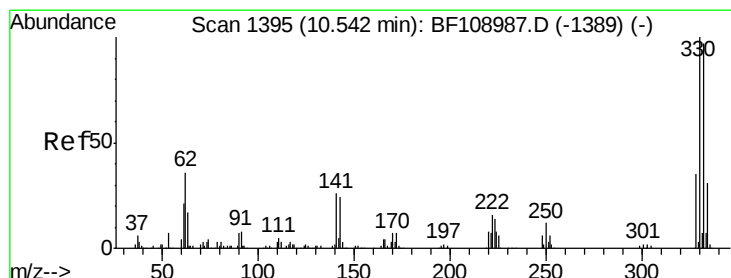
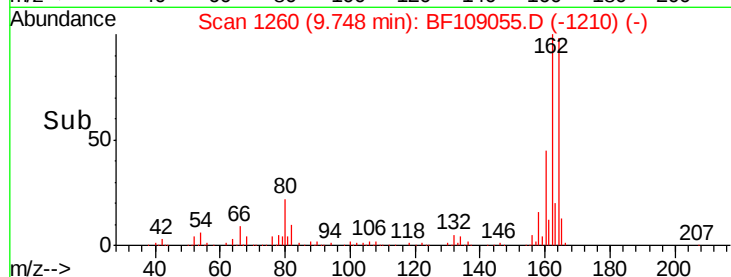
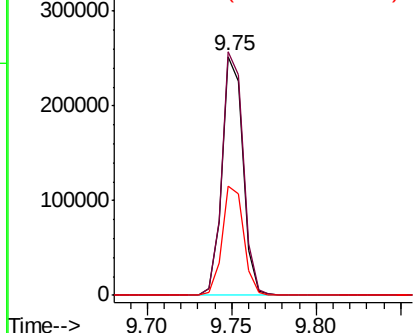
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109055.D
 Acq: 17 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :
 RB32727RT

Tgt Ion:164 Resp: 218072
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 45.7 38.3 57.5

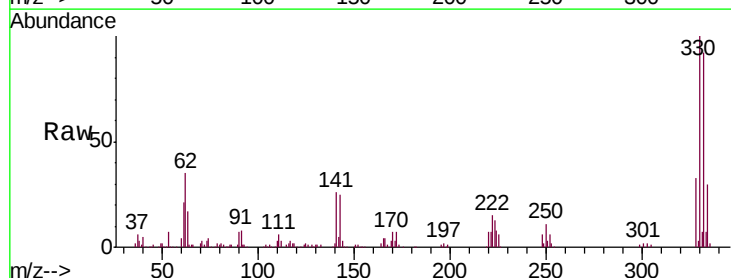


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

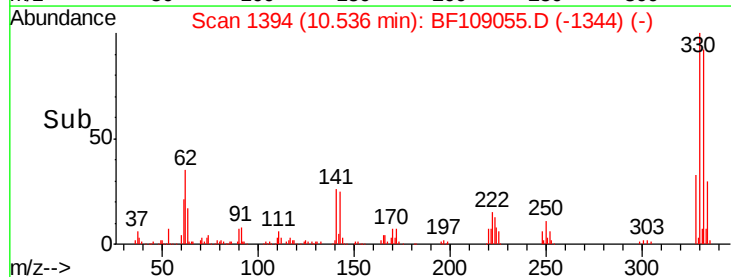
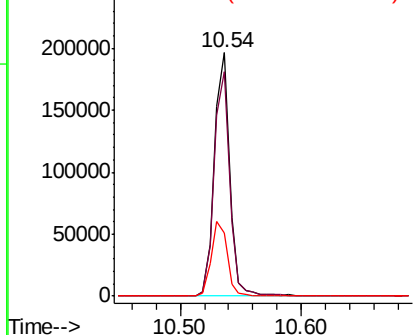


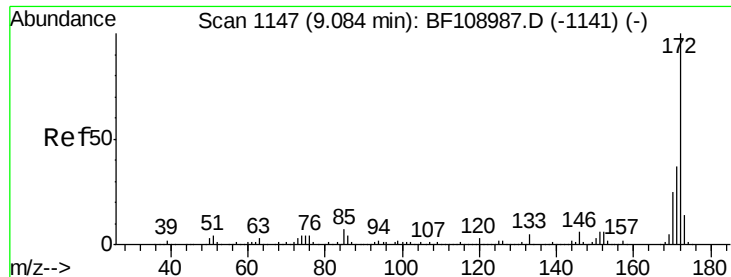
#41
 2,4,6-Tribromophenol
 Concen: 72.444 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109055.D
 Acq: 17 Sep 2018 18:24

Tgt Ion:330 Resp: 171450
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 32.3 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

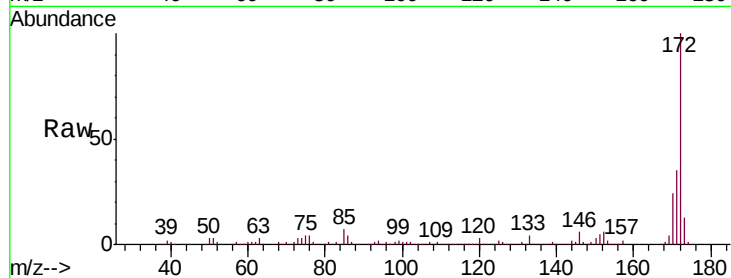




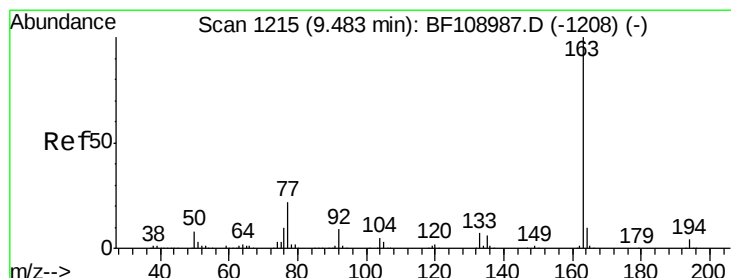
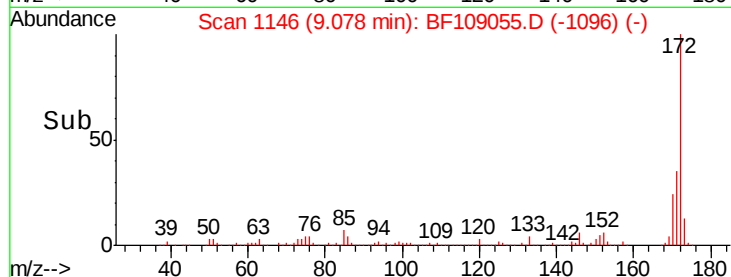
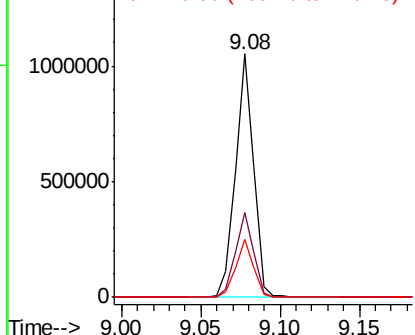
#44
2-Fluorobiphenyl
Concen: 60.149 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109055.D
Acq: 17 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :
RB32727RT

Tgt Ion:172 Resp: 837214
Ion Ratio Lower Upper
172 100
171 35.0 29.7 44.5
170 23.7 19.6 29.4

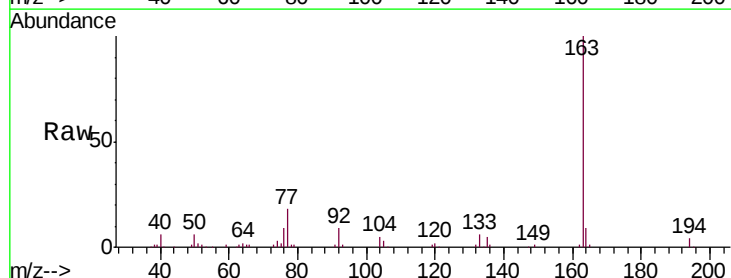


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

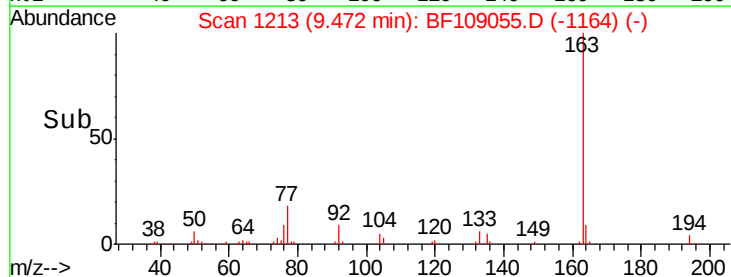
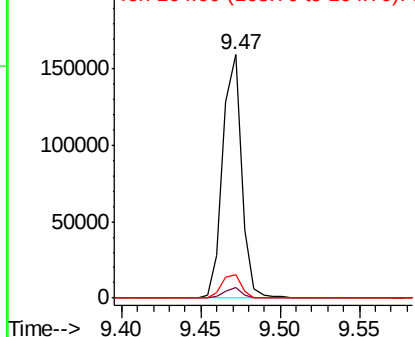


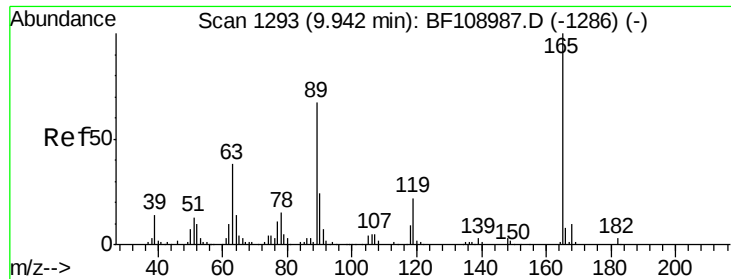
#49
Dimethylphthalate
Concen: 8.460 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109055.D
Acq: 17 Sep 2018 18:24

Tgt Ion:163 Resp: 131856
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.4 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

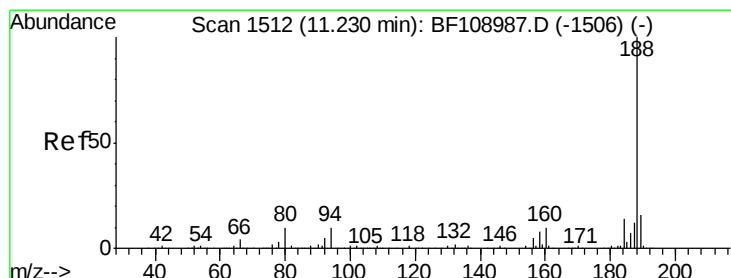
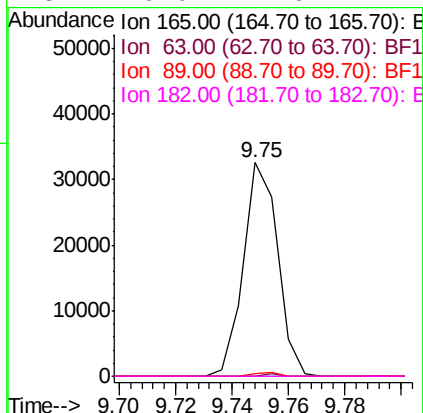
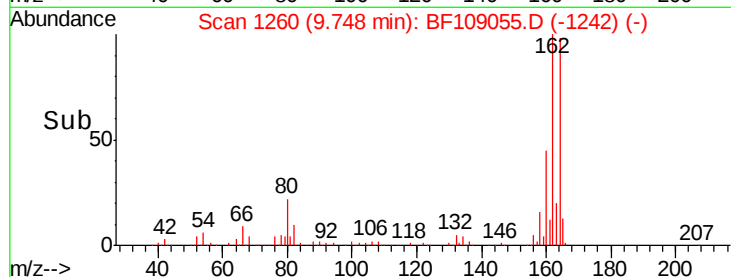
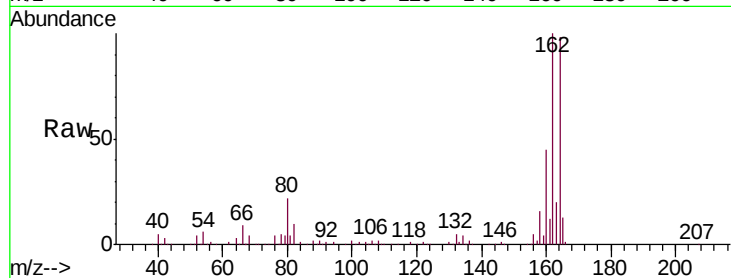




#56
 2,4-Dinitrotoluene
 Concen: 6.070 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109055.D
 Acq: 17 Sep 2018 18:24

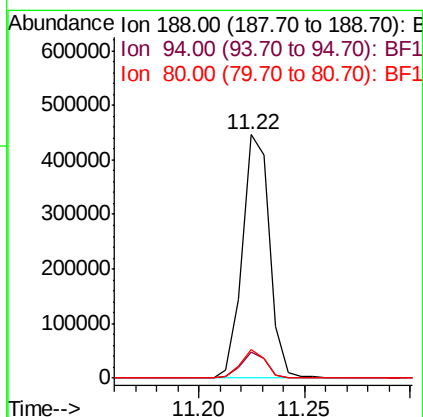
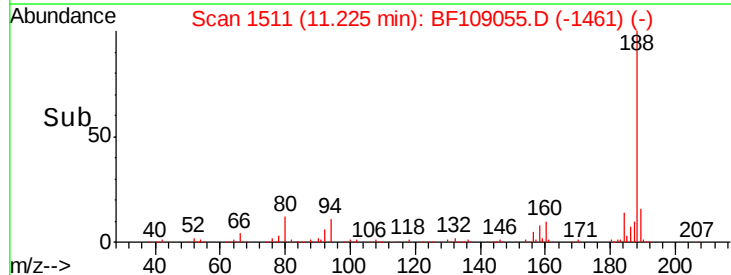
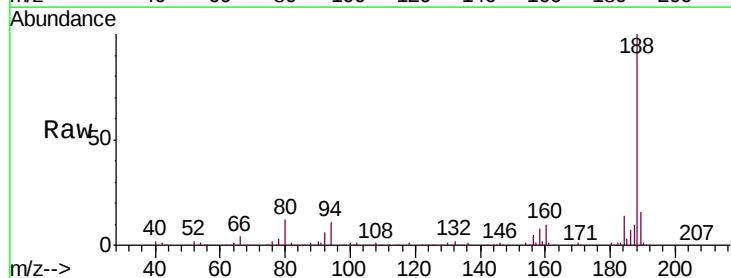
Instrument :
 BNA_F
 ClientSampleId :
 RB32727RT

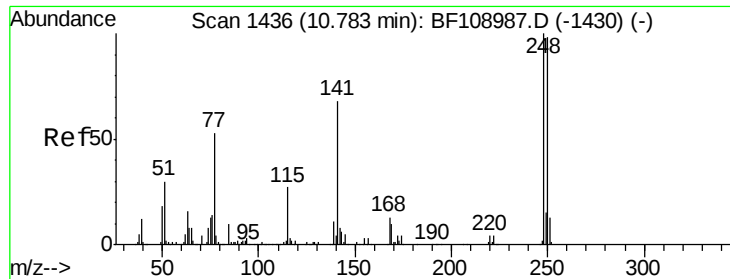
Tgt Ion:	165	Resp:	27441
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109055.D
 Acq: 17 Sep 2018 18:24

Tgt Ion:	188	Resp:	397548
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.9	9.2	13.8

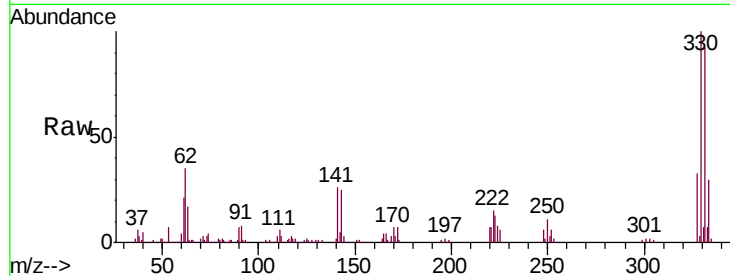




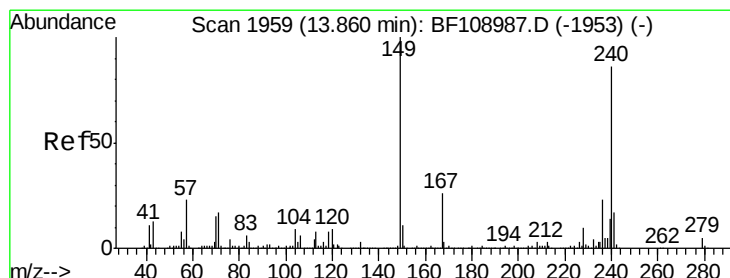
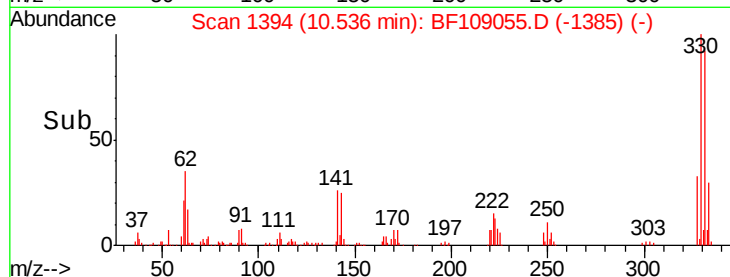
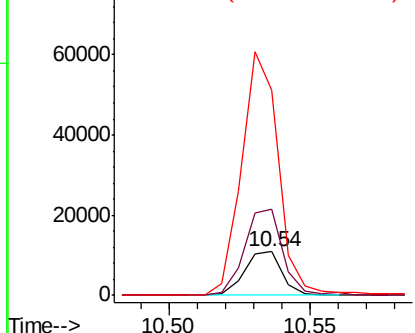
#66
 4-Bromophenyl-phenylether
 Concen: 2.266 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109055.D
 Acq: 17 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :
 RB32727RT

Tgt Ion:248 Resp: 10154
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.9 115.3#
 141 468.0 74.4 111.6#

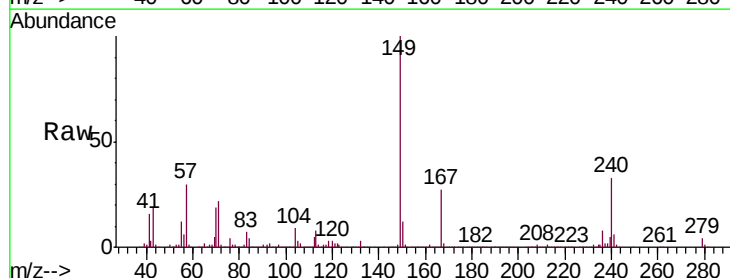


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

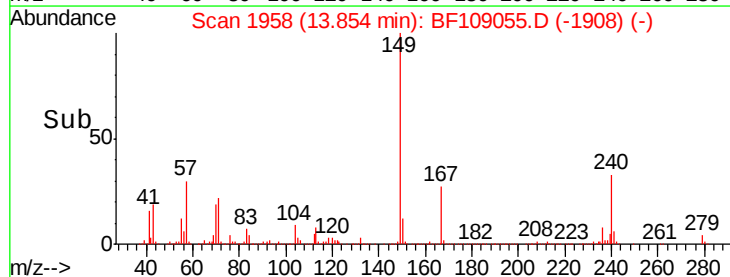
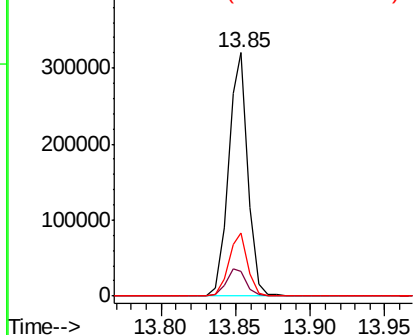


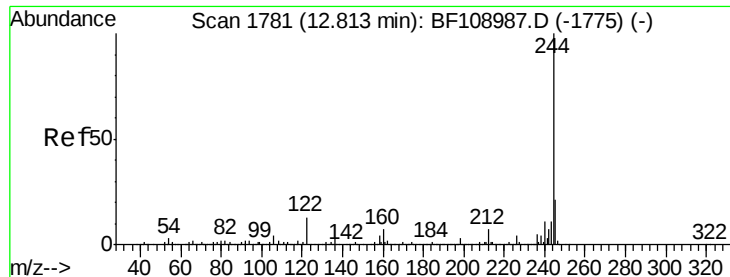
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109055.D
 Acq: 17 Sep 2018 18:24

Tgt Ion:240 Resp: 292319
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

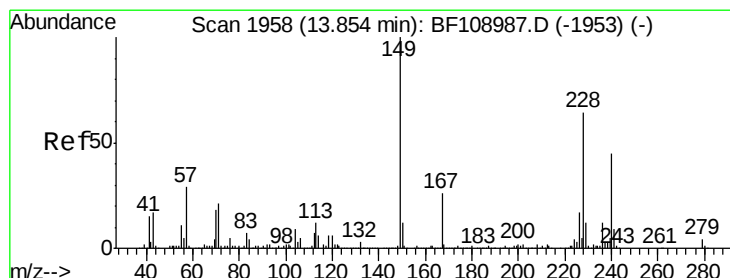
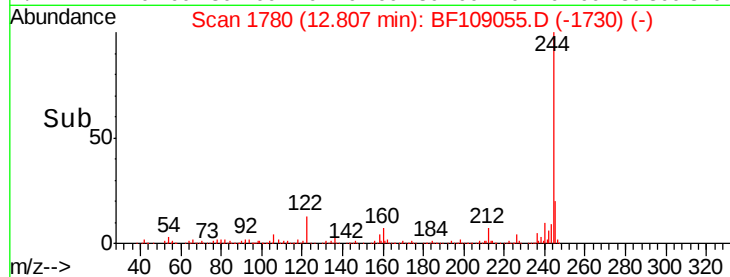
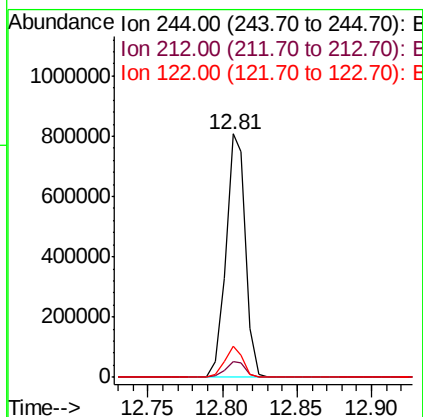
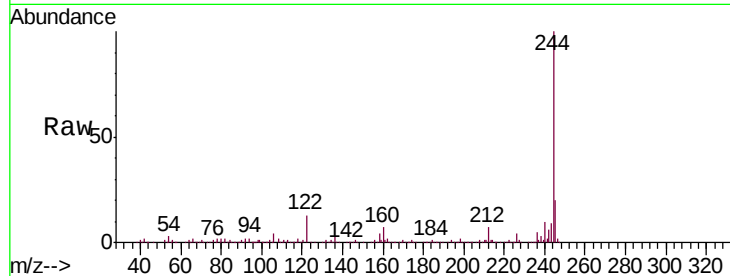




#78
 Terphenyl-d14
 Concen: 60.799 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109055.D
 Acq: 17 Sep 2018 18:24

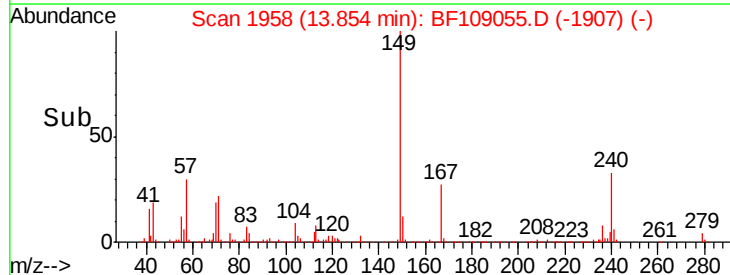
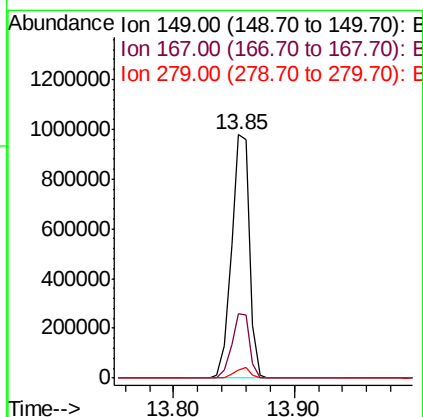
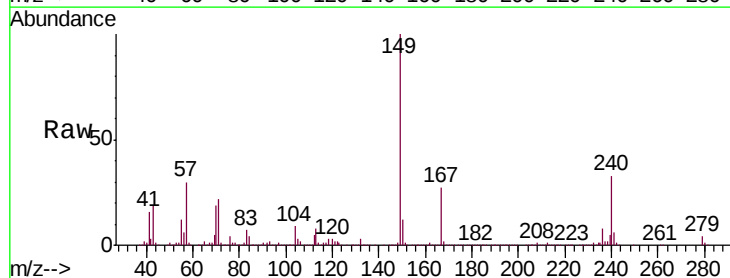
Instrument :
 BNA_F
 ClientSampled :
 RB32727RT

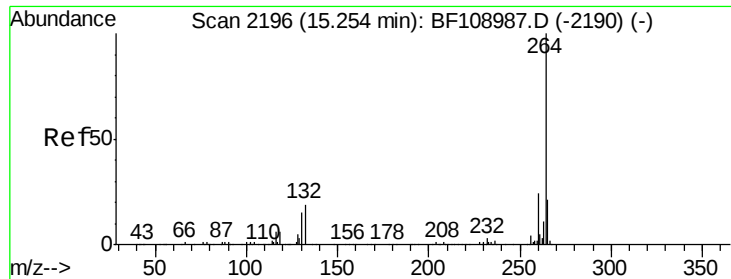
Tgt Ion:244 Resp: 749817
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.0 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 85.510 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF109055.D
 Acq: 17 Sep 2018 18:24

Tgt Ion:149 Resp: 1004092
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.5 3.0 4.4

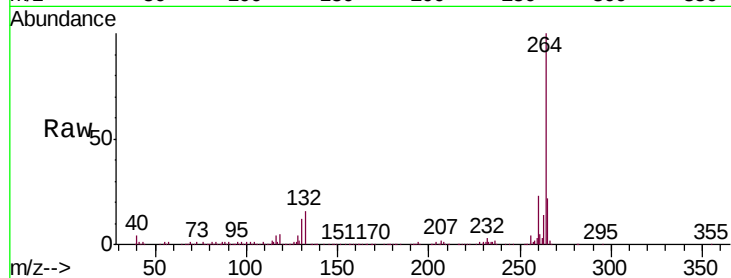




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109055.D
Acq: 17 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :
RB32727RT

Tgt Ion: 264 Resp: 297918
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.7 17.5 26.3



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

