

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109040.D
 Acq On : 17 Sep 2018 11:36
 Operator : JU/SJ
 Sample : J4941-04 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB47198RT

Quant Time: Sep 17 11:59:55 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

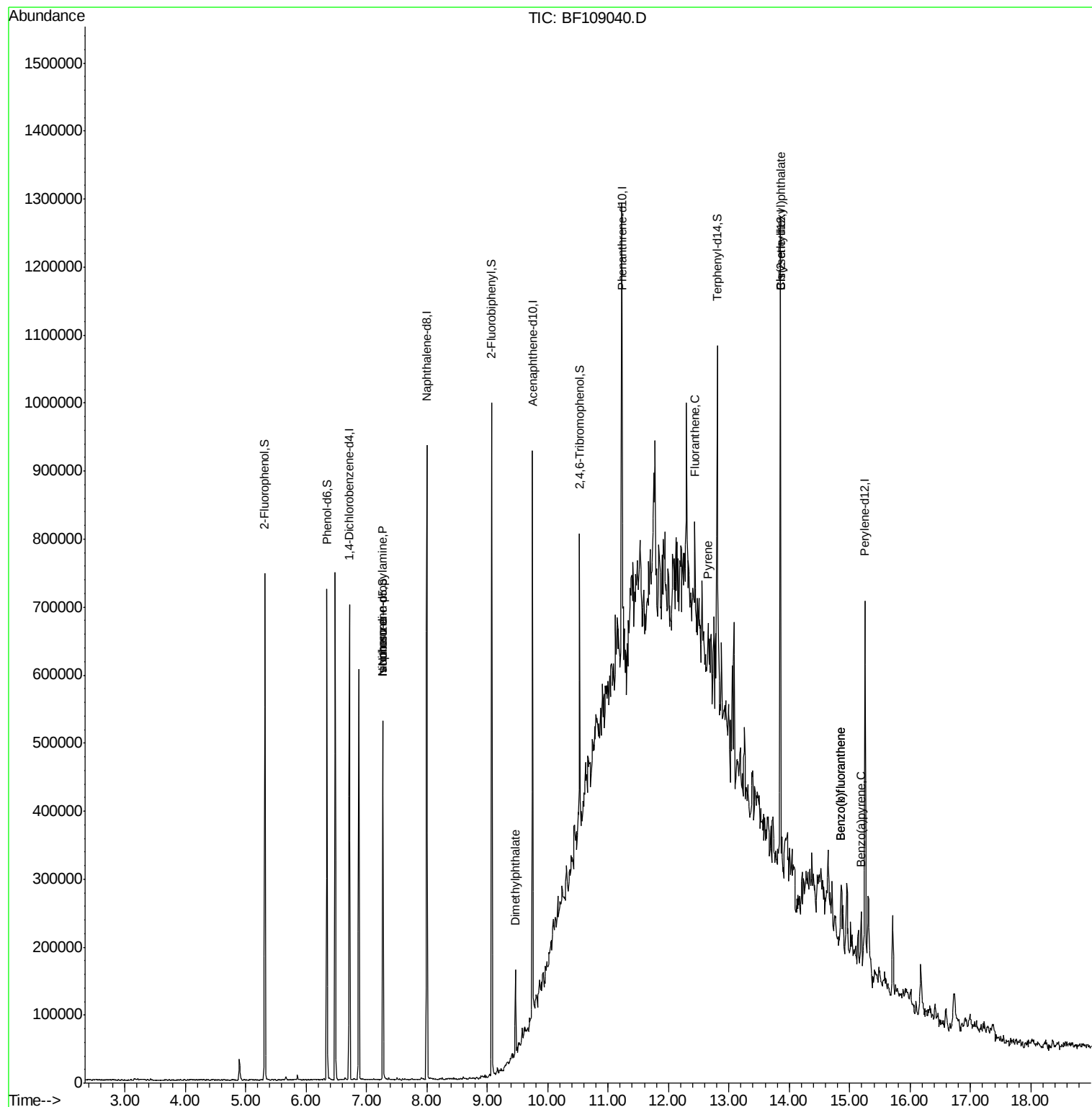
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	86979	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	358720	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	163025	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	248411	20.00	ng	0.00
75) Chrysene-d12	13.85	240	197377	20.00	ng	0.00
86) Perylene-d12	15.25	264	229883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	178630	34.11	ng	0.00
7) Phenol-d6	6.34	99	232292	34.40	ng	-0.02
23) Nitrobenzene-d5	7.27	82	161439	25.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	45794	25.88	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	285274	27.42	ng	-0.01
78) Terphenyl-d14	12.81	244	181861	21.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	21995	4.928	ng	# 78
25) Isophorone	7.27	82	161162	14.659	ng	# 64
49) Dimethylphthalate	9.47	163	41702	3.579	ng	98
74) Fluoranthene	12.44	202	37498	2.917	ng	91
77) Pyrene	12.66	202	32982	2.250	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.85	149	74579	9.406	ng	97
87) Benzo(b)fluoranthene	14.85	252	39286	3.089	ng	# 82
88) Benzo(k)fluoranthene	14.85	252	39286	3.307	ng	# 85
89) Benzo(a)pyrene	15.19	252	22638	2.004	ng	# 88

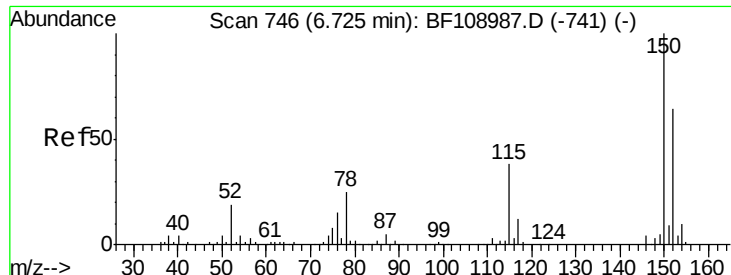
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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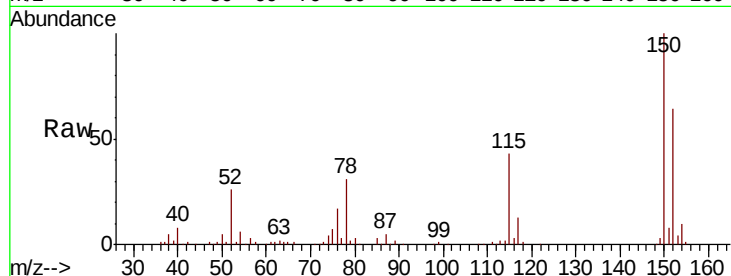


#1

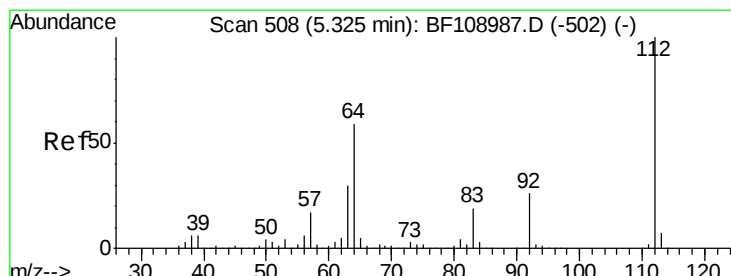
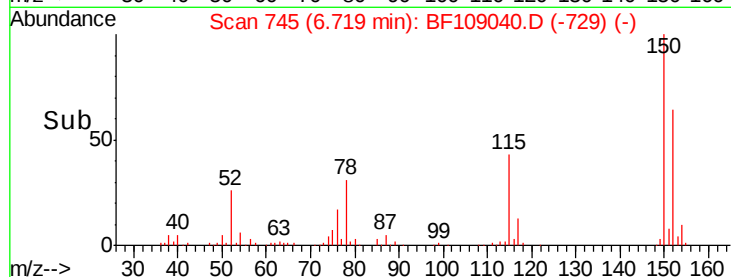
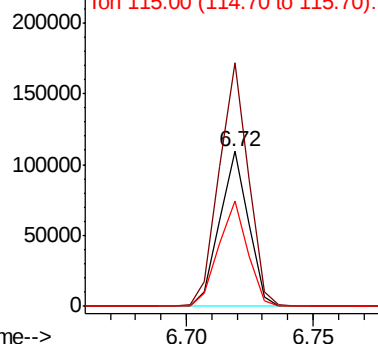
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Instrument :
BNA_F
ClientSampleId :
RB47198RT

Tot Ion:152 Resp: 86979
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 67.6 50.1 75.1



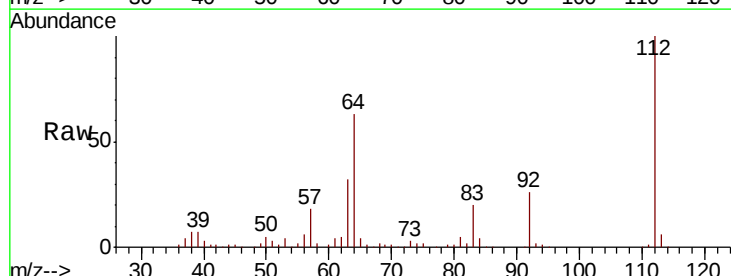
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



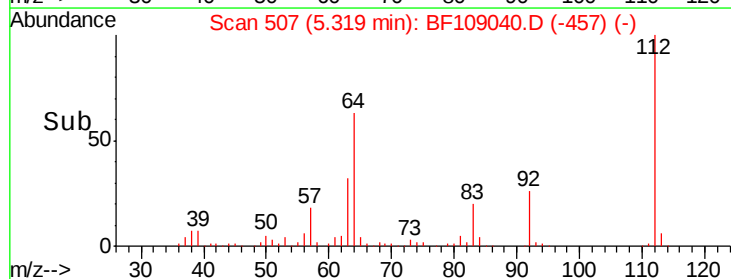
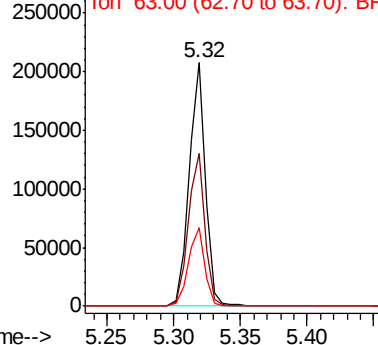
#5

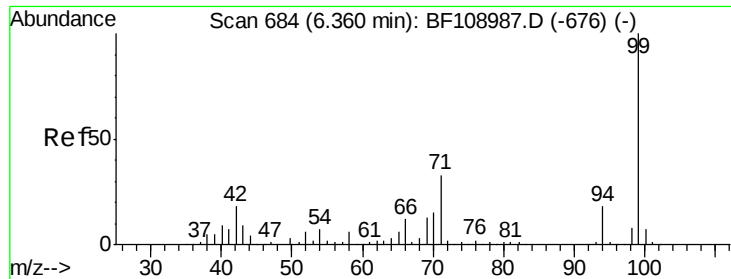
2-Fluorophenol
Concen: 34.110 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Tgt Ion:112 Resp: 178630
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.0 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: 34.400 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

ClientSampleId :

RB47198RT

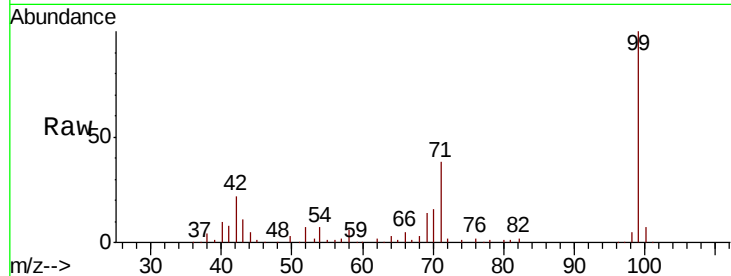
Tot Ion: 99 Resp: 232292

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

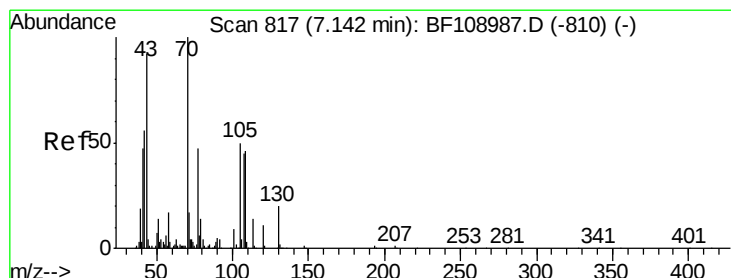
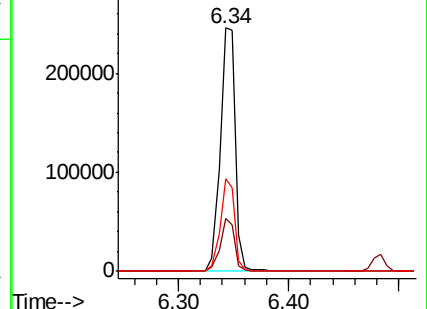
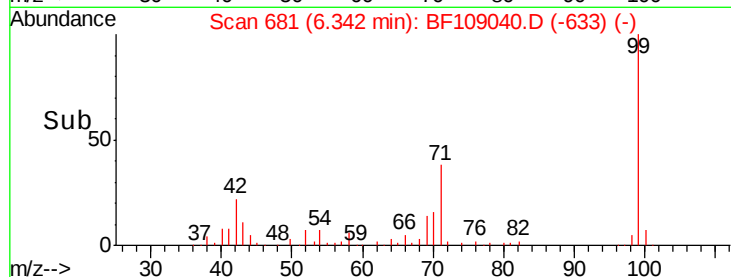
71 37.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.928 ng

RT: 7.27 min Scan# 839

Delta R.T. 0.13 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Tgt Ion: 70 Resp: 21995

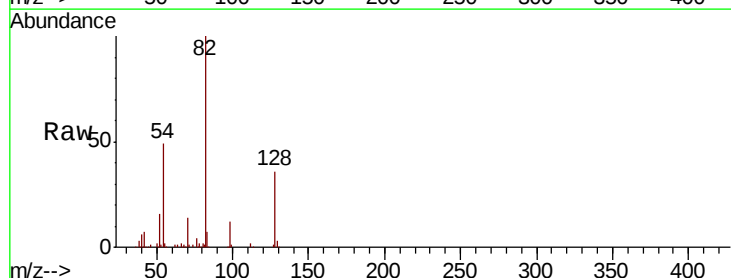
Ion Ratio Lower Upper

70 100

42 48.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

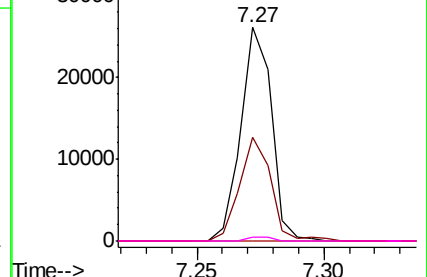
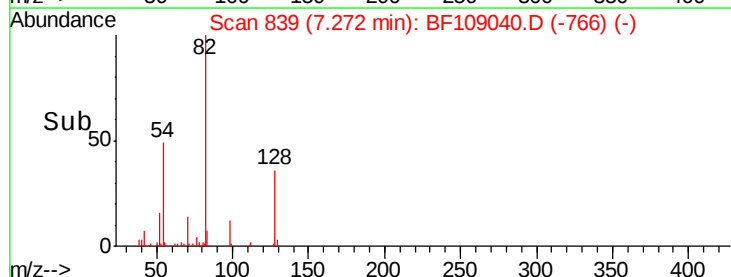


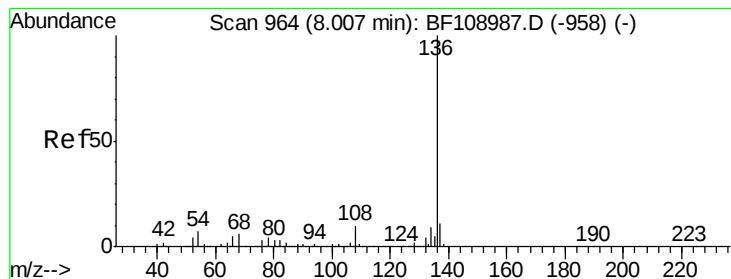
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

ClientSampleId :

RB47198RT

Tot Ion:136 Resp: 358720

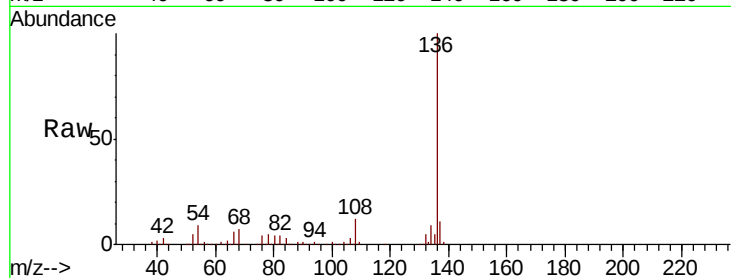
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.8 5.0 7.4

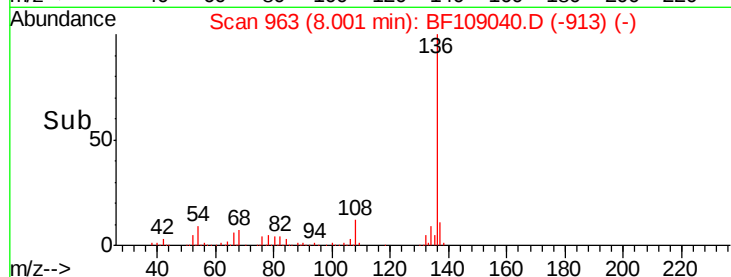


Abundance Ion 136.00 (135.70 to 136.70): E

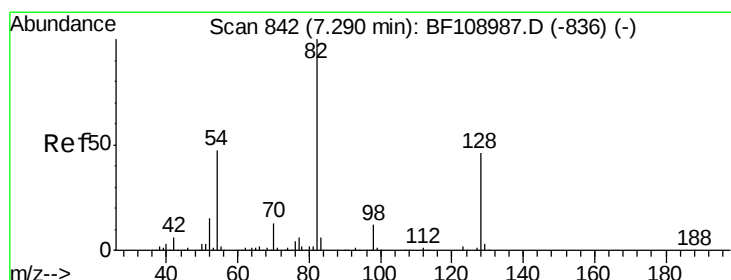
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 25.242 ng

RT: 7.27 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

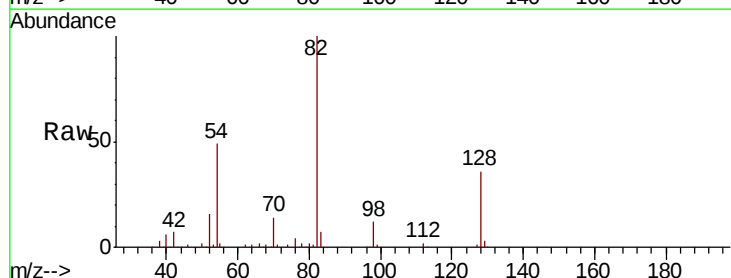
Tgt Ion: 82 Resp: 161439

Ion Ratio Lower Upper

82 100

128 36.0 36.1 54.1#

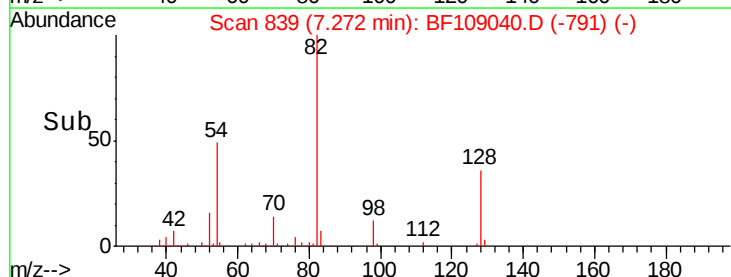
54 49.5 41.4 62.2



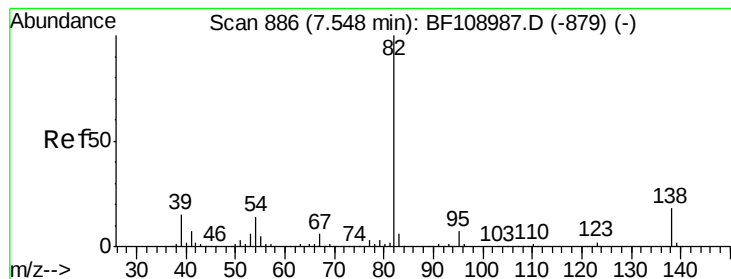
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 14.659 ng

RT: 7.27 min Scan# 839

Delta R.T. -0.28 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

ClientSampleId :

RB47198RT

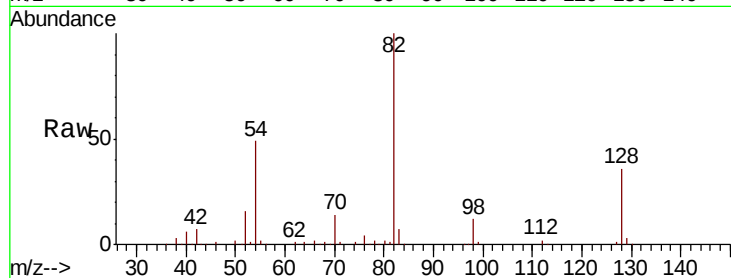
Tot Ion: 82 Resp: 161162

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

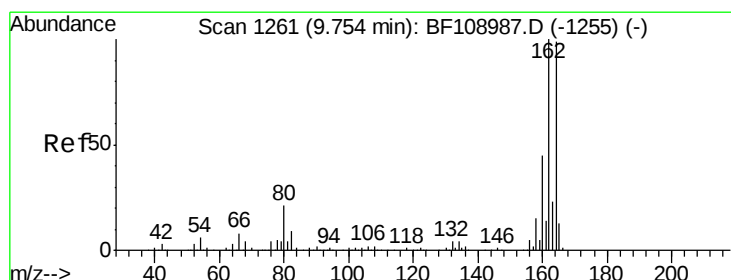
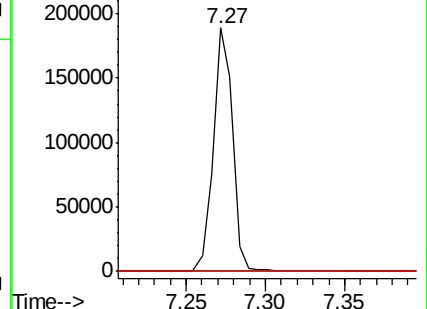
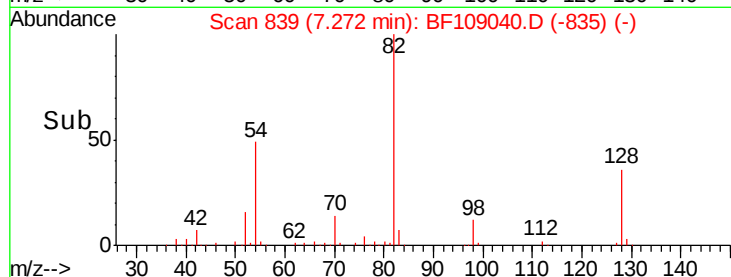
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF109040.D

Acq: 17 Sep 2018 11:36

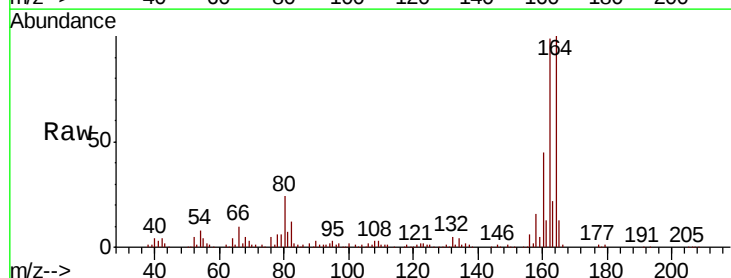
Tgt Ion: 164 Resp: 163025

Ion Ratio Lower Upper

164 100

162 99.0 86.1 129.1

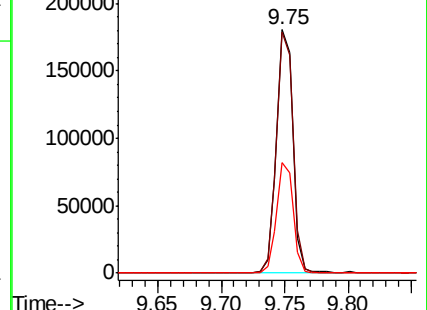
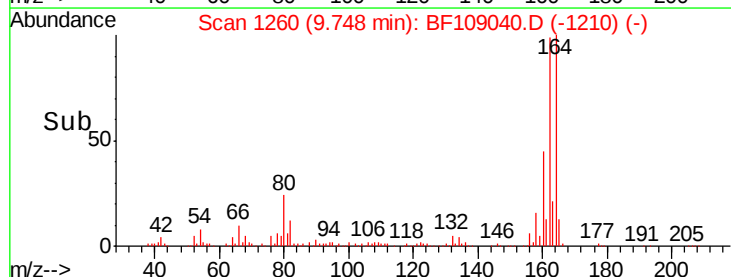
160 45.3 38.3 57.5

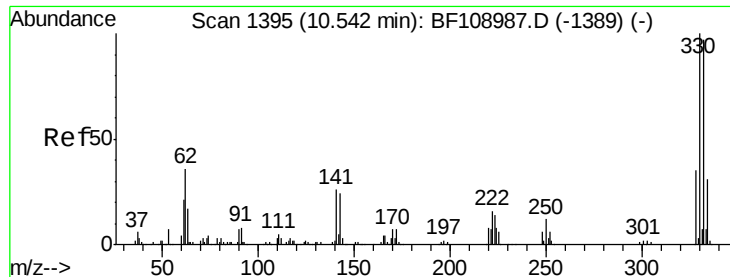


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

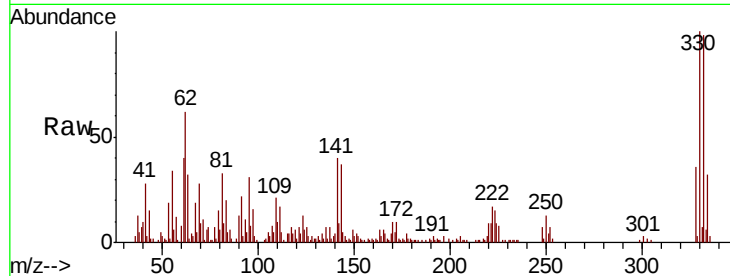




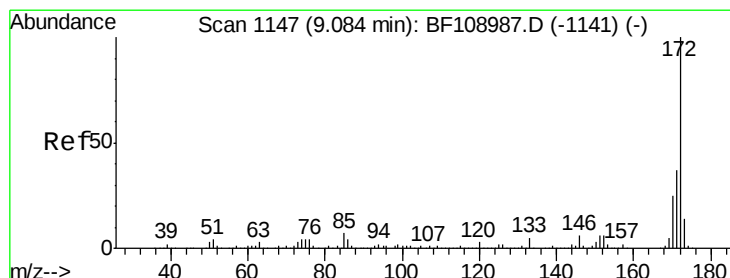
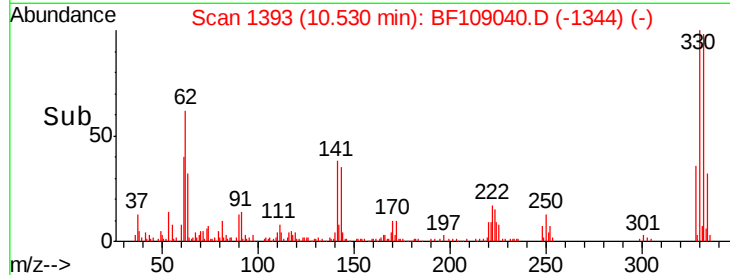
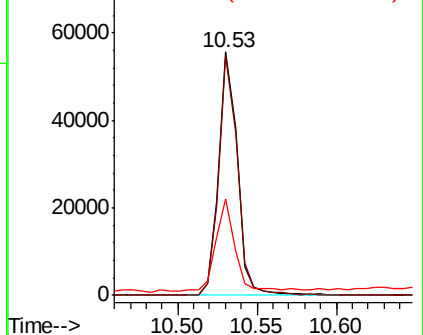
#41
 2,4,6-Tribromophenol
 Concen: 25.883 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109040.D
 Acq: 17 Sep 2018 11:36

Instrument :
 BNA_F
 ClientSampleId :
 RB47198RT

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	41.0	29.9	44.9

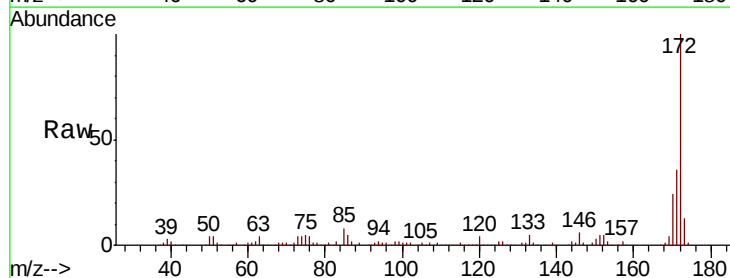


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

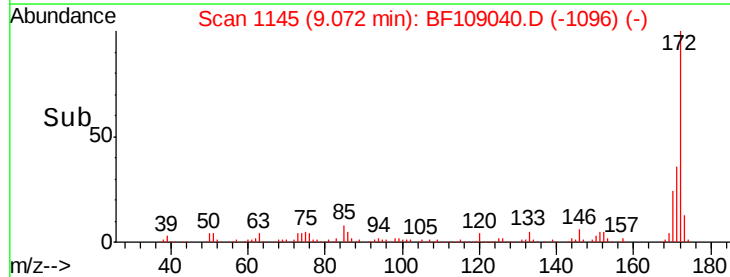
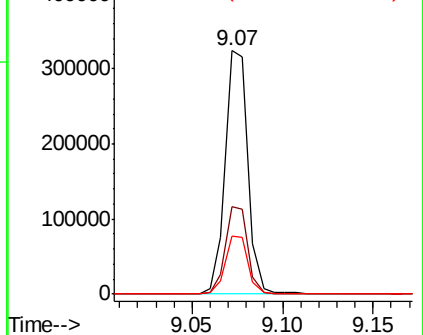


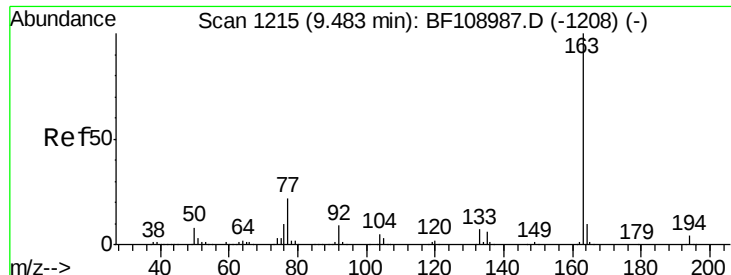
#44
 2-Fluorobiphenyl
 Concen: 27.416 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF109040.D
 Acq: 17 Sep 2018 11:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



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

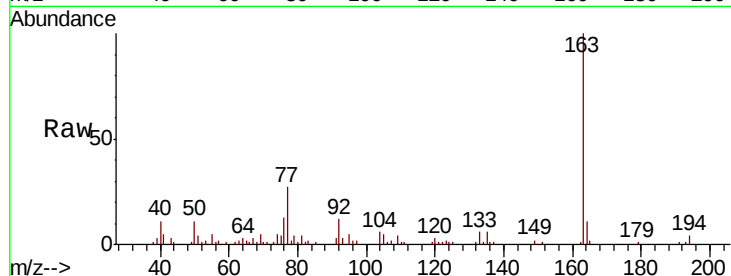




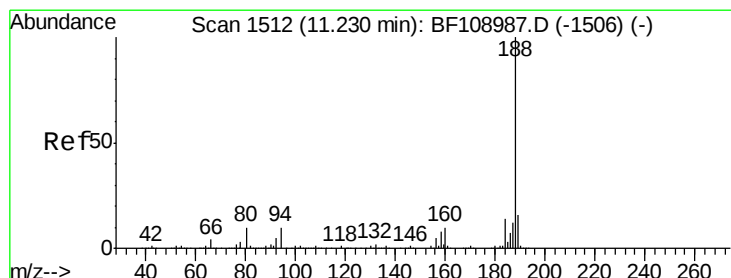
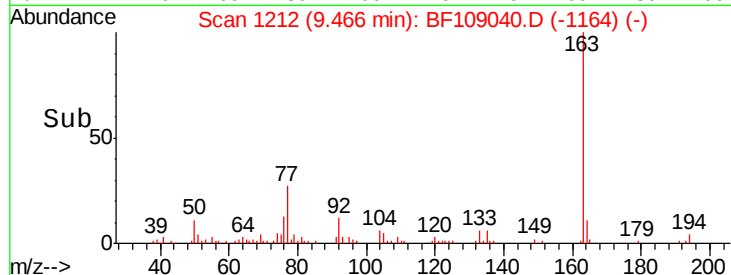
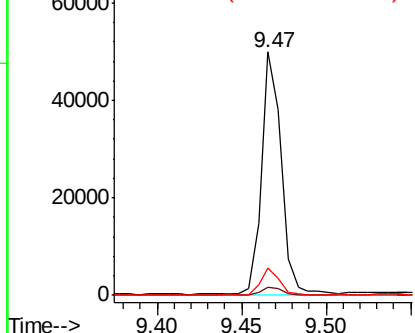
#49
Dimethylphthalate
Concen: 3.579 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Instrument :
BNA_F
ClientSampleId :
RB47198RT

Tot Ion:163 Resp: 41702
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 11.3 8.2 12.2

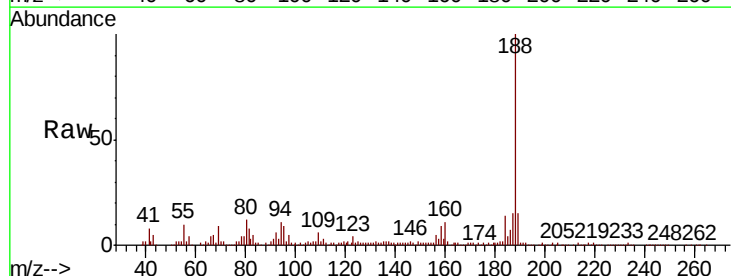


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

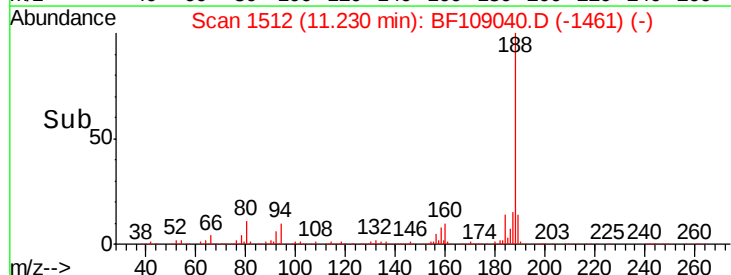
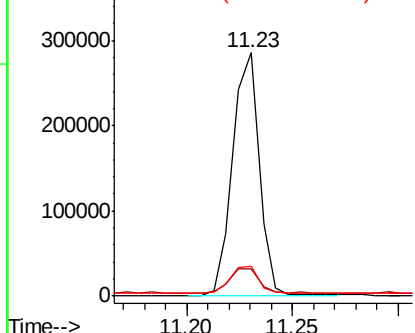


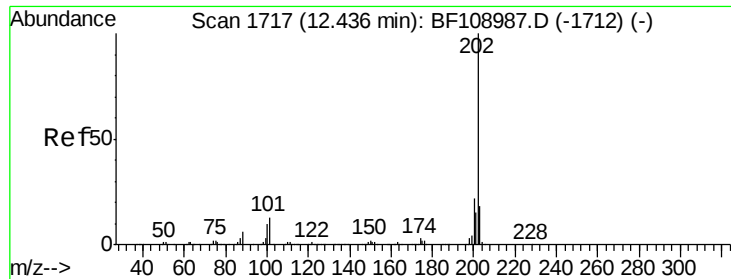
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Tgt Ion:188 Resp: 248411
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.0 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





#74

Fluoranthene

Concen: 2.917 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

ClientSampleId :

RB47198RT

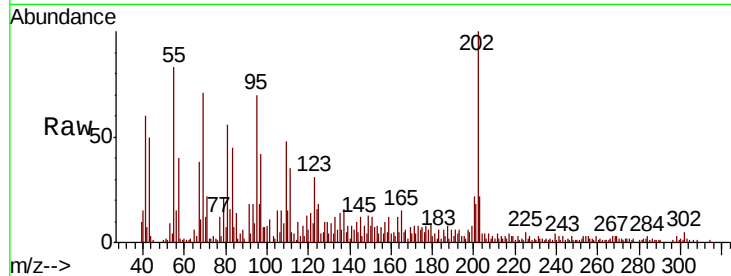
Tot Ion:202 Resp: 37498

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

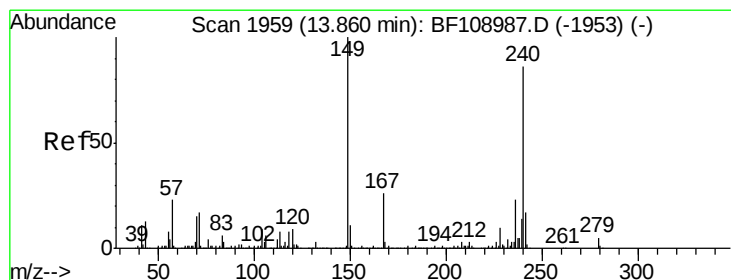
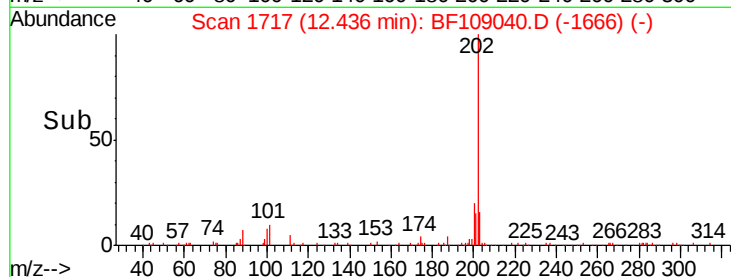
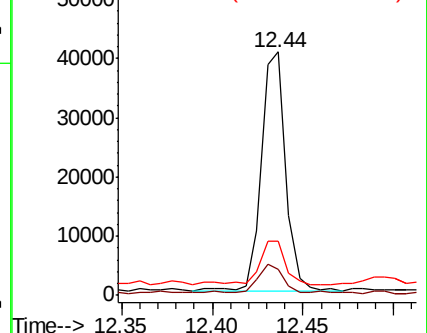
203 22.4 0.0 38.1



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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

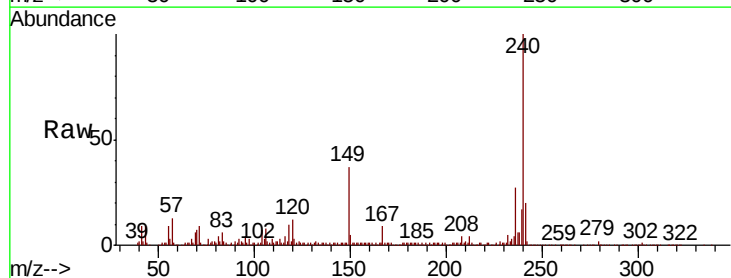
Tgt Ion:240 Resp: 197377

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

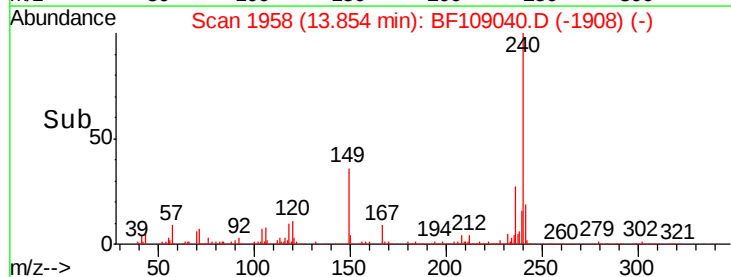
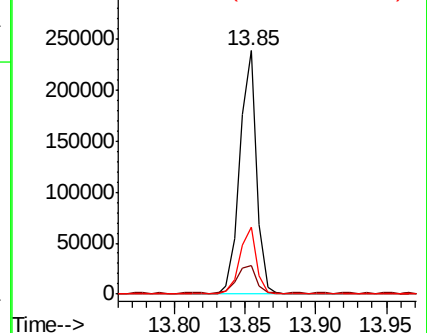
236 27.3 20.7 31.1

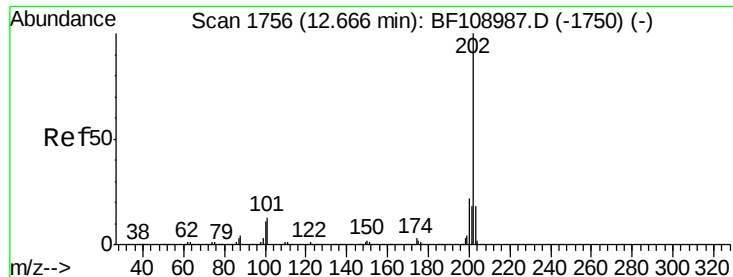


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

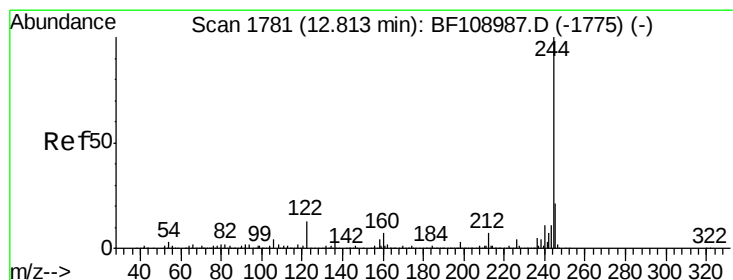
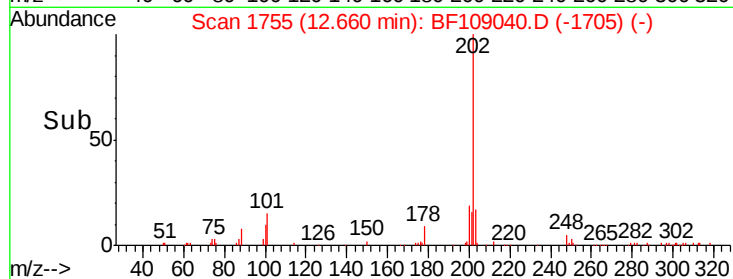
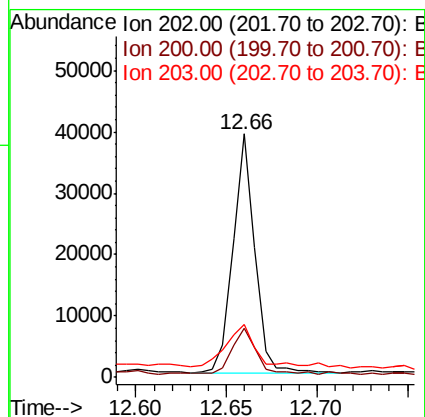
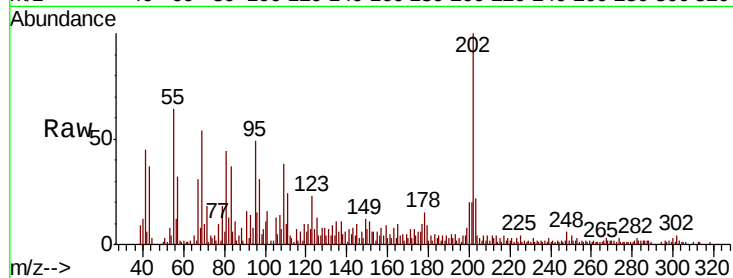




#77
Pvrene
Concen: 2.250 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

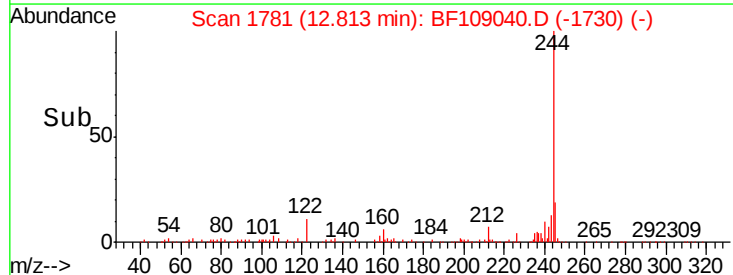
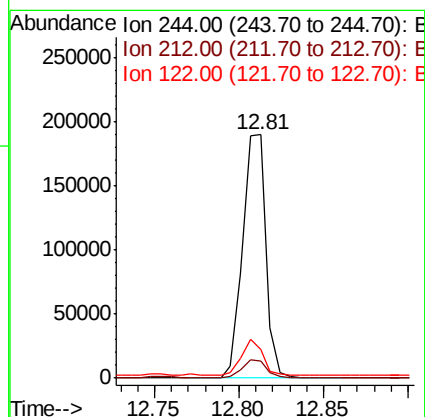
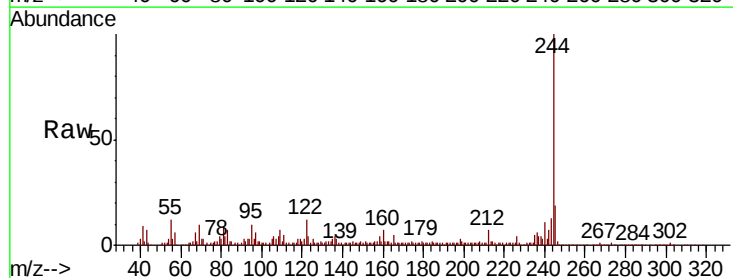
Instrument :
BNA_F
ClientSampleId :
RB47198RT

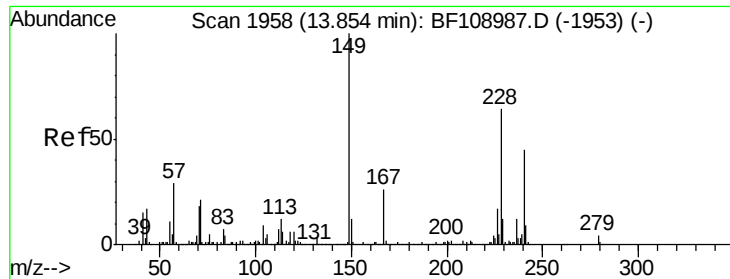
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	21.8	14.3	21.5#



#78
Terphenyl-d14
Concen: 21.839 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109040.D
Acq: 17 Sep 2018 11:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.0	11.0	16.4

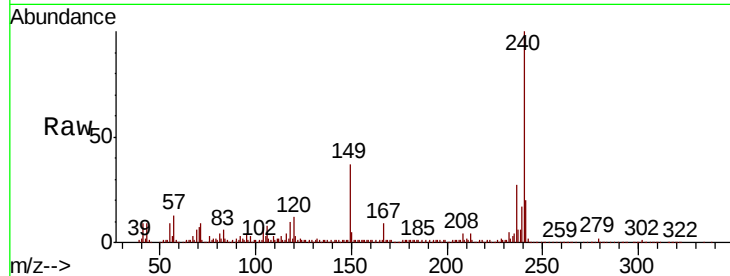




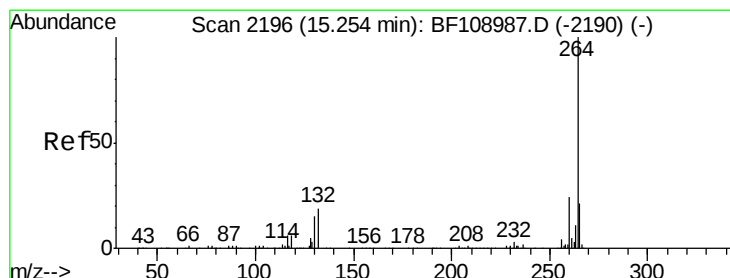
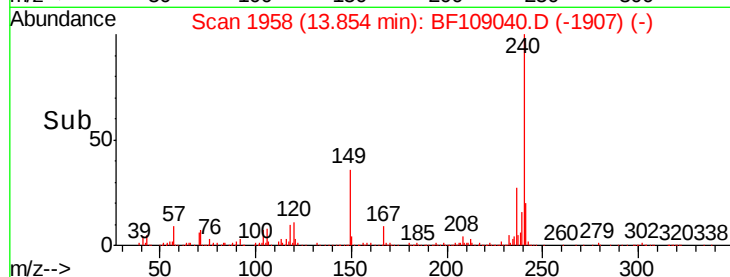
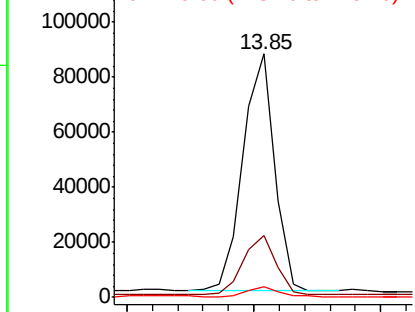
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.406 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109040.D
 Acq: 17 Sep 2018 11:36

Instrument :
 BNA_F
 ClientSampleId :
 RB47198RT

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.3	31.9
279	4.1	3.0	4.4

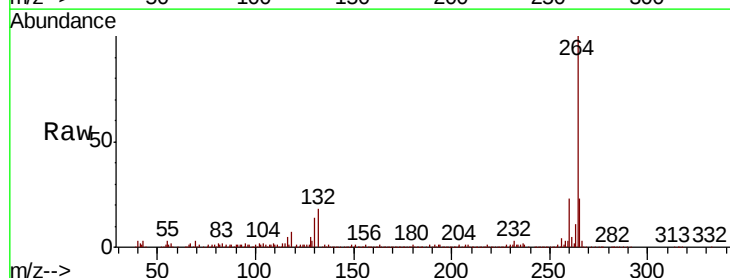


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

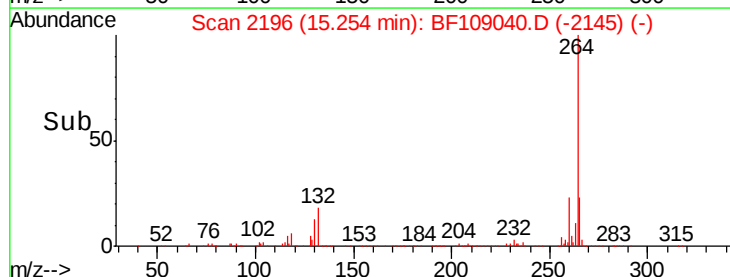
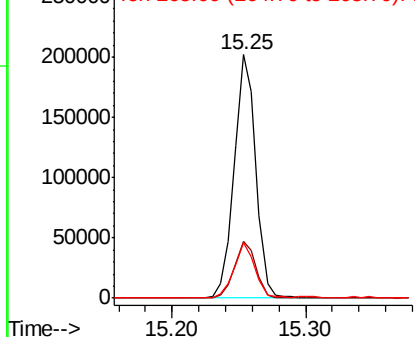


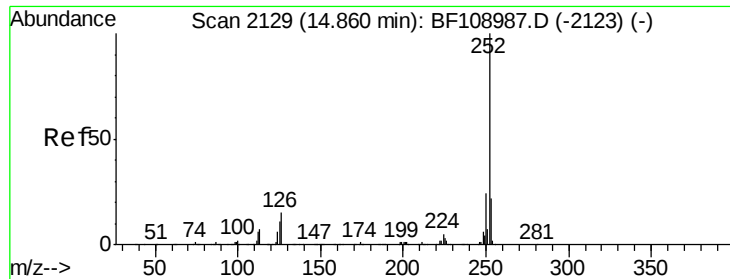
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109040.D
 Acq: 17 Sep 2018 11:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.7	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 3.089 ng

RT: 14.85 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

ClientSampleId :

RB47198RT

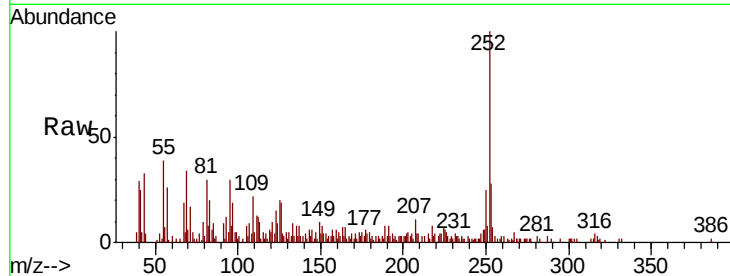
Tot Ion:252 Resp: 39286

Ion Ratio Lower Upper

252 100

253 28.4 17.0 25.6#

125 20.5 9.0 13.6#

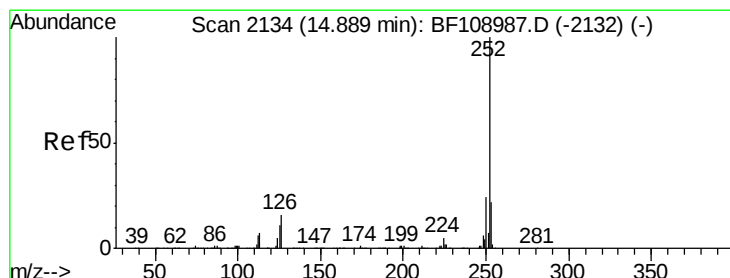
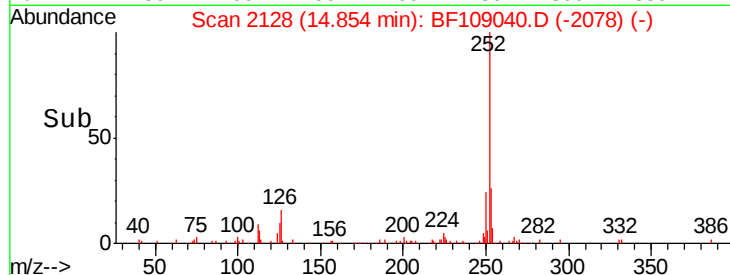
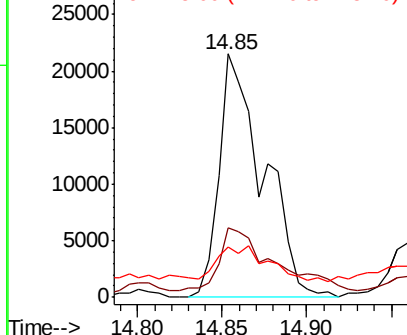


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.307 ng

RT: 14.85 min Scan# 2128

Delta R.T. -0.04 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

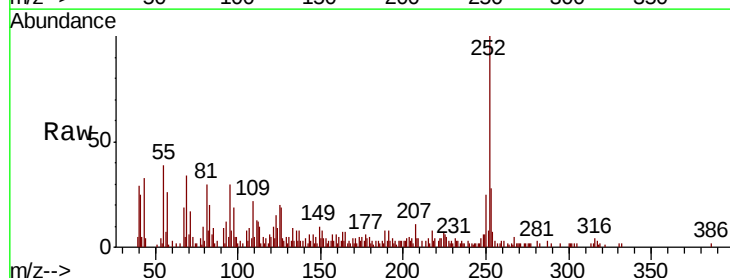
Tgt Ion:252 Resp: 39286

Ion Ratio Lower Upper

252 100

253 28.4 17.9 26.9#

125 20.5 10.2 15.2#

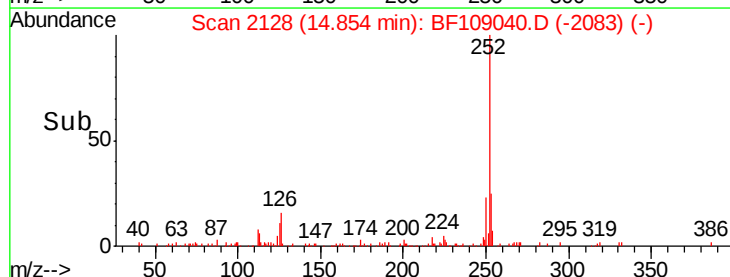
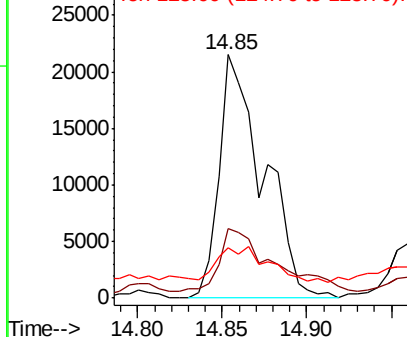


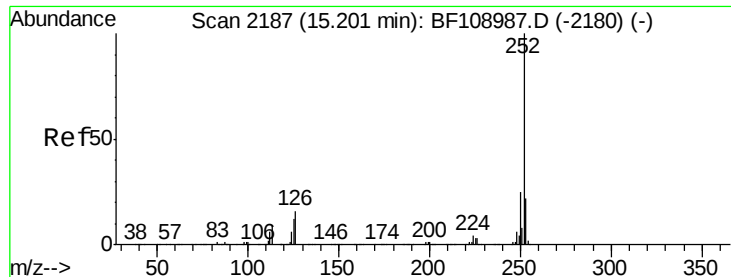
Abundance

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





#89

Benzo(a)pyrene

Concen: 2.004 ng

RT: 15.19 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF109040.D

Acq: 17 Sep 2018 11:36

Instrument :

BNA_F

ClientSampleId :

RB47198RT

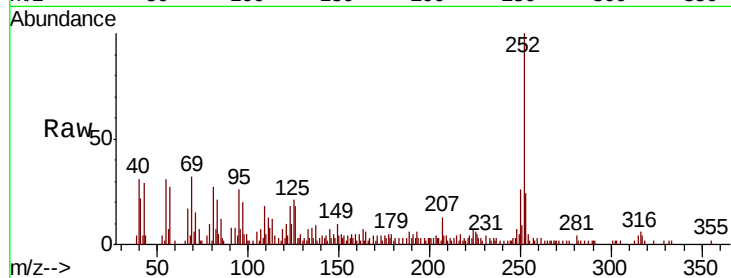
Tot Ion:252 Resp: 22638

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 21.1 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

