

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
 Data File : BF098652.D
 Acq On : 19 Sep 2017 20:20
 Operator : SJ/JU
 Sample : I5276-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-14(0-5)

Quant Time: Sep 20 04:08:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

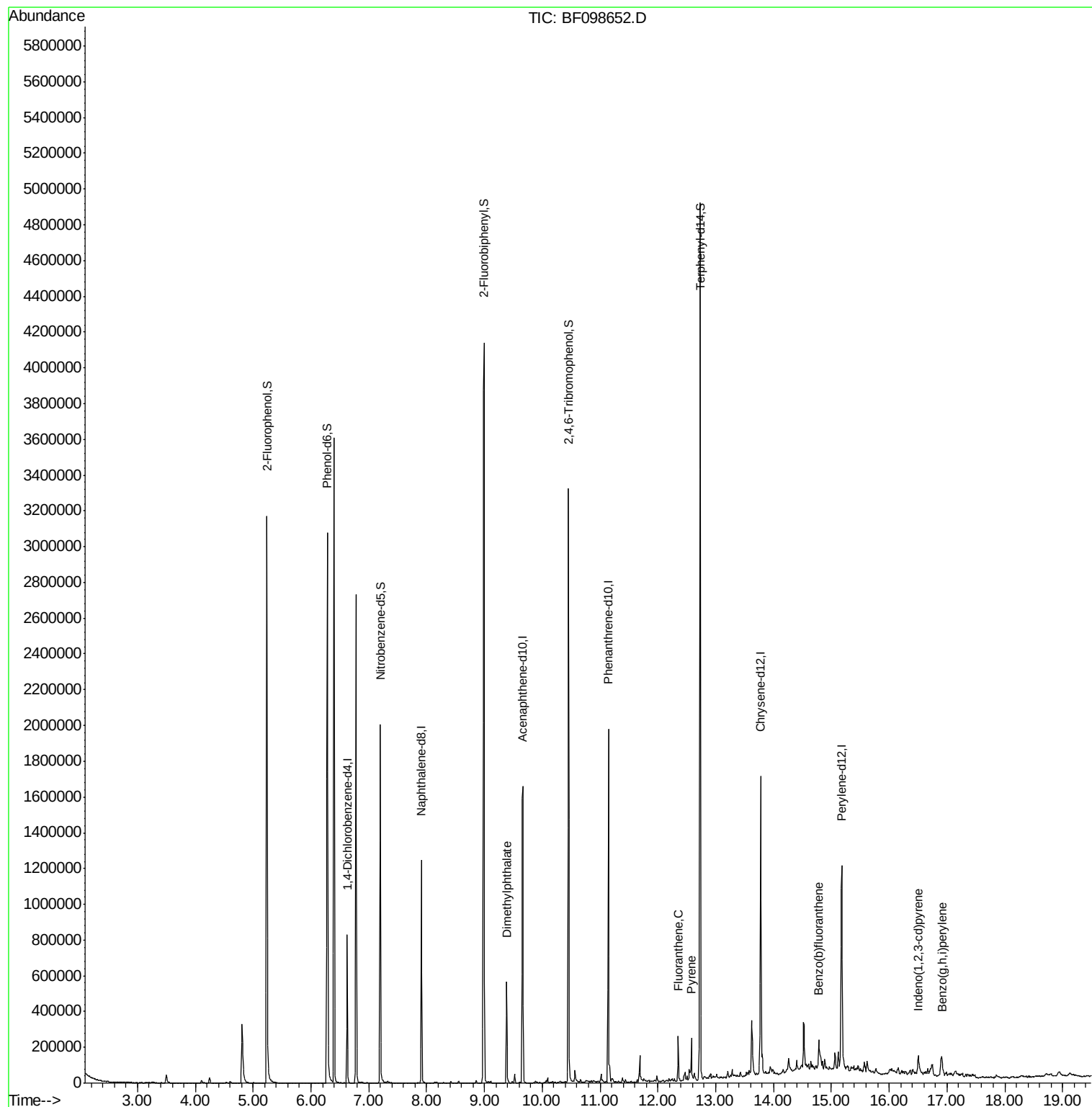
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	115870	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	520216	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	338246	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	675823	20.00	ng	0.00
75) Chrysene-d12	13.78	240	541024	20.00	ng	0.00
86) Perylene-d12	15.18	264	485598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	945331	120.63	ng	0.00
7) Phenol-d6	6.29	99	1250431	125.67	ng	0.00
23) Nitrobenzene-d5	7.20	82	784423	84.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	382561	169.46	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1394584	69.88	ng	0.00
78) Terphenyl-d14	12.73	244	1903039	75.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	204443	7.808	ng	100
74) Fluoranthene	12.35	202	101896	2.841	ng	96
77) Pyrene	12.58	202	89855	2.105	ng	97
85) Indeno(1,2,3-cd)pyrene	16.50	276	45846	2.038	ng	93
87) Benzo(b)fluoranthene	14.79	252	70082m	2.295	ng	
91) Benzo(g,h,i)perylene	16.90	276	77375	3.888	ng	94

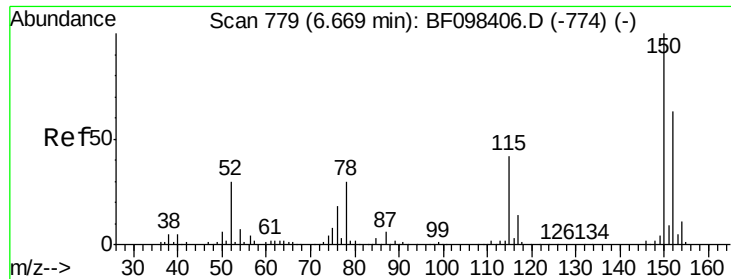
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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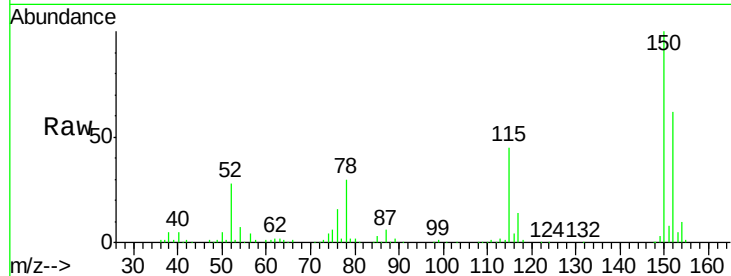


#1

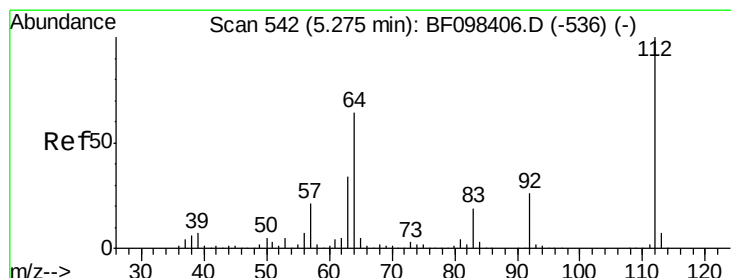
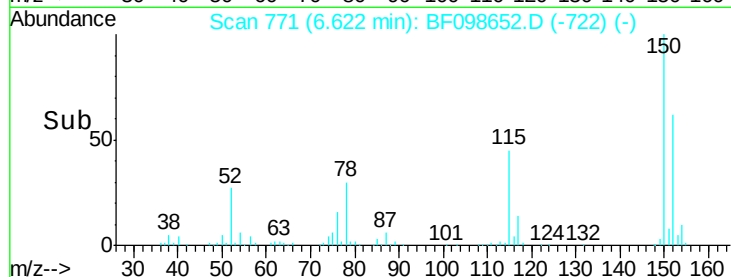
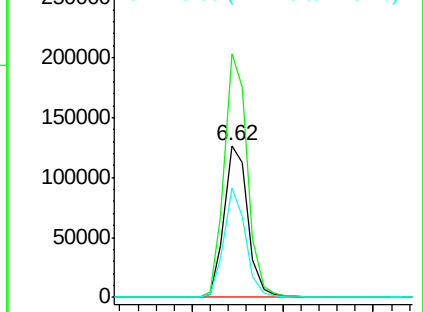
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098652.D
Acq: 19 Sep 2017 20:20

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-14(0-5)

Tgt Ion:152 Resp: 115870
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 72.0 52.2 78.2



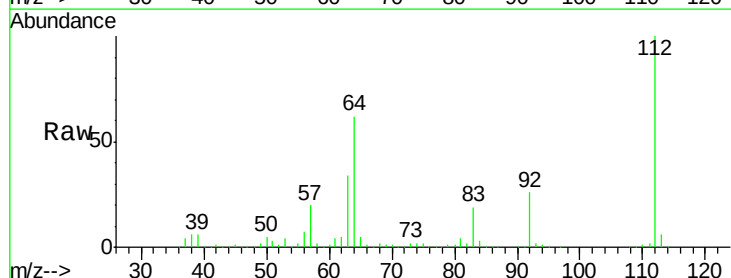
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



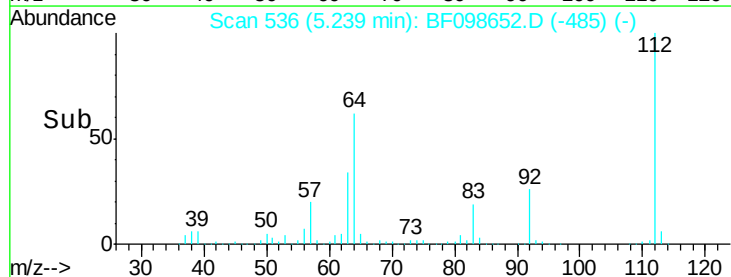
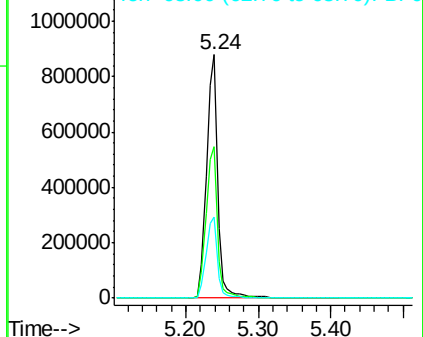
#5

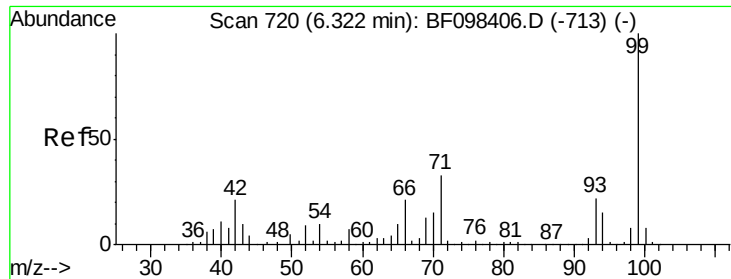
2-Fluorophenol
Concen: 120.626 ng
RT: 5.24 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF098652.D
Acq: 19 Sep 2017 20:20

Tgt Ion:112 Resp: 945331
Ion Ratio Lower Upper
112 100
64 62.4 46.0 69.0
63 33.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.669 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098652.D

Acq: 19 Sep 2017 20:20

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-125-14(0-5)

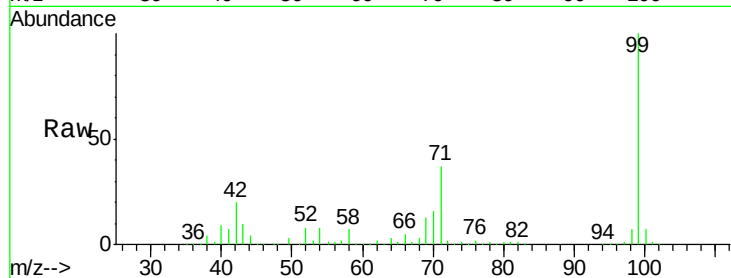
Tgt Ion: 99 Resp: 1250431

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

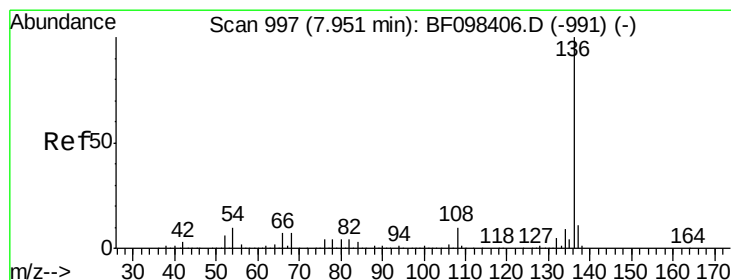
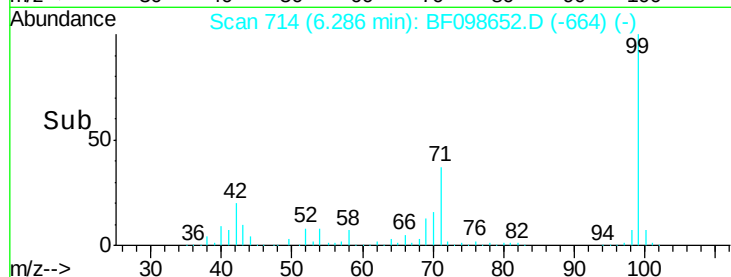
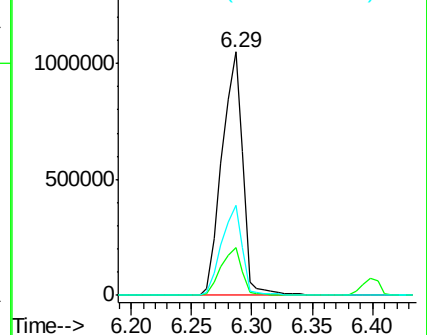
71 37.2 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098652.D

Acq: 19 Sep 2017 20:20

Tgt Ion: 136 Resp: 520216

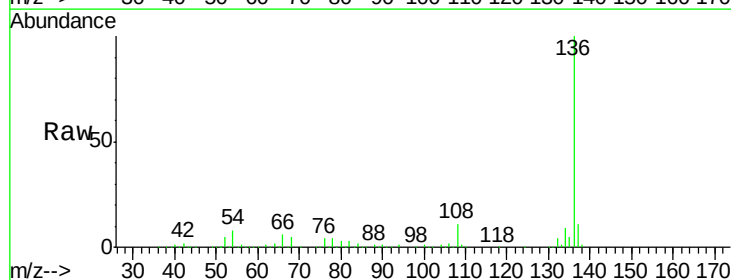
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.4 4.9 7.3#

68 4.8 4.1 6.1

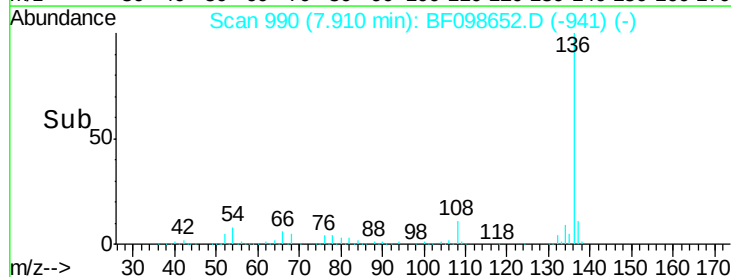
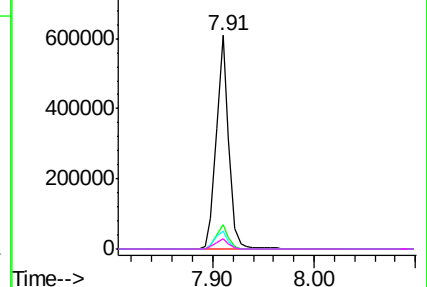


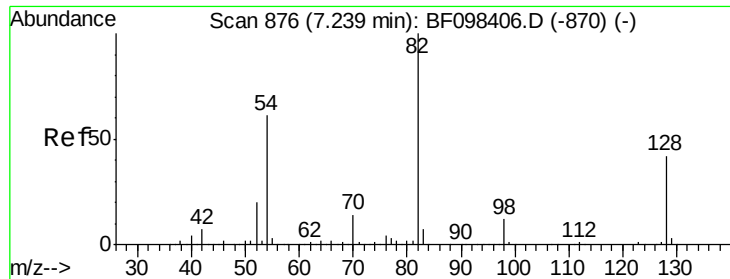
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

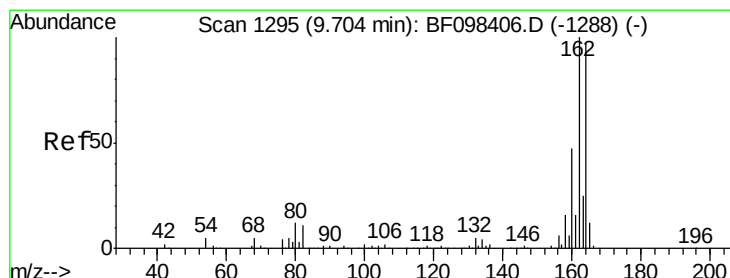
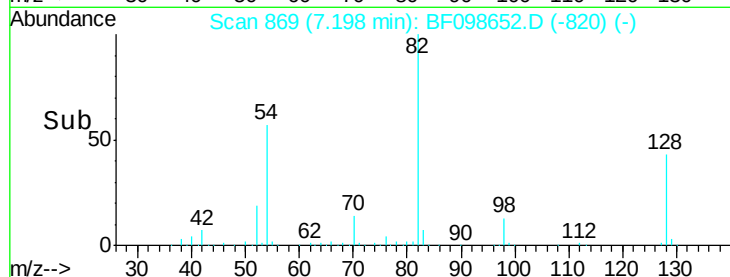
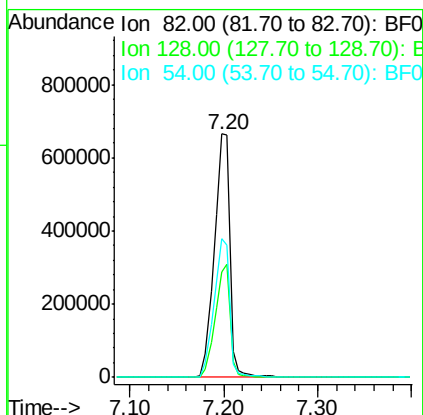
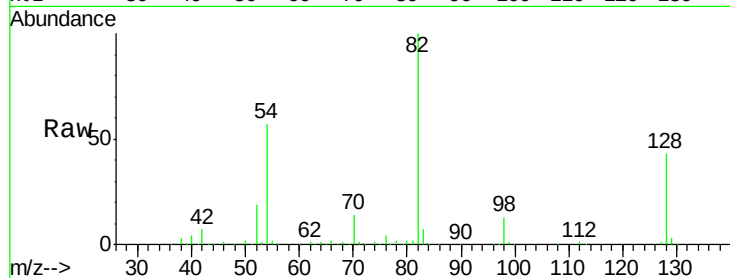




#23
 Nitrobenzene-d5
 Concen: 84.064 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF098652.D
 Acq: 19 Sep 2017 20:20

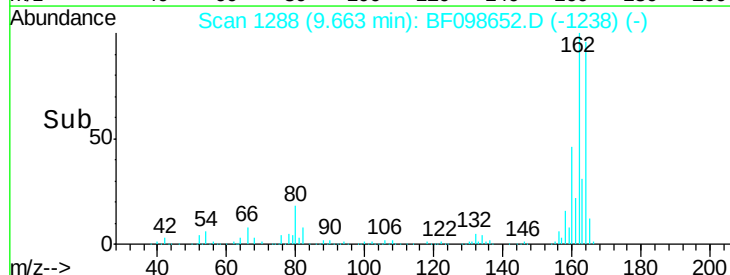
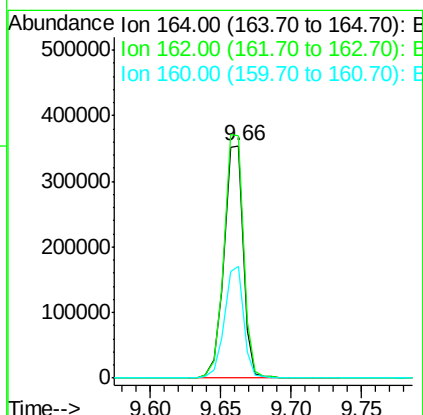
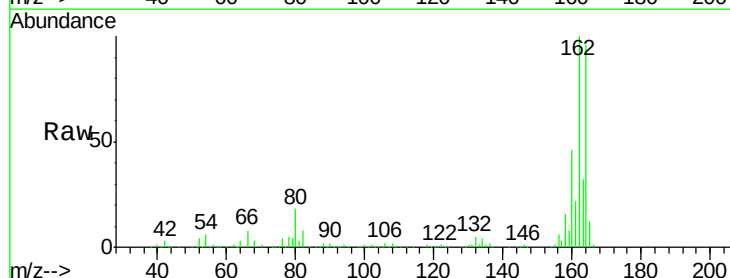
Instrument :
 BNA_F
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 SASP2P-ENV-125-14(0-5)

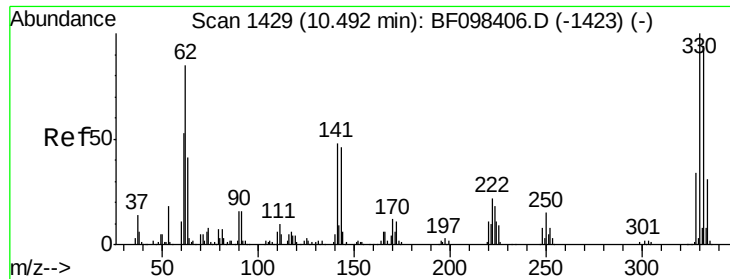
Tgt Ion: 82 Resp: 784423
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.0 51.0
 54 56.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF098652.D
 Acq: 19 Sep 2017 20:20

Tgt Ion: 164 Resp: 338246
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 48.0 36.2 54.2

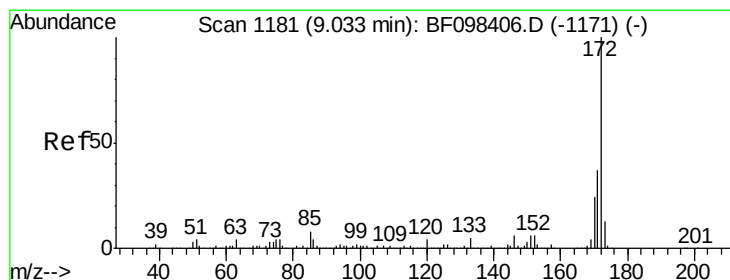
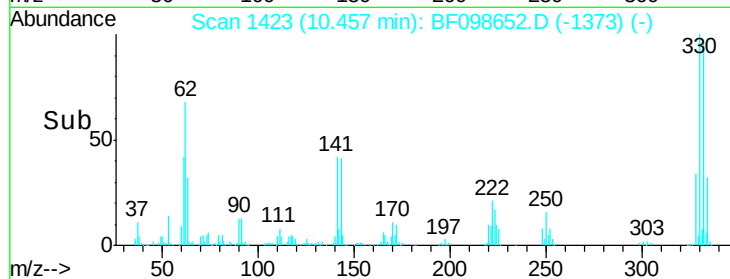
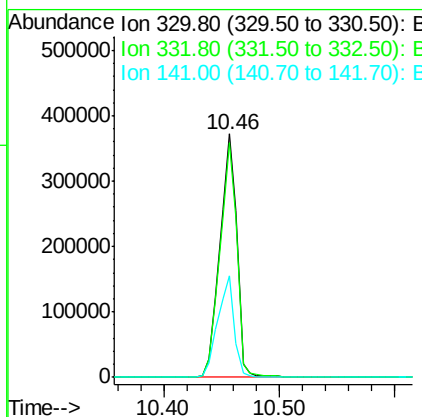
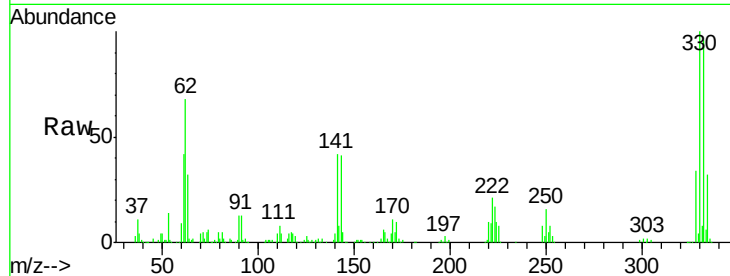




#41
 2,4,6-Tribromophenol
 Concen: 169.461 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF098652.D
 Acq: 19 Sep 2017 20:20

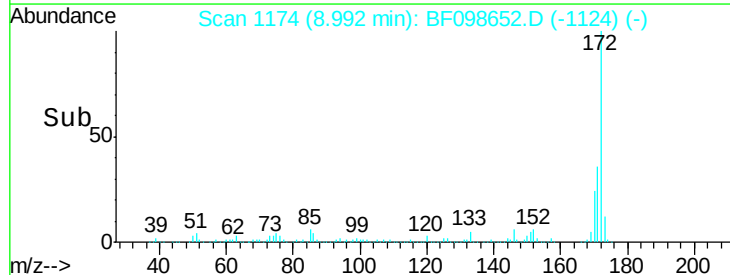
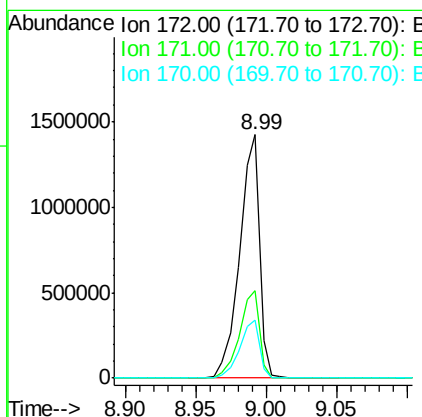
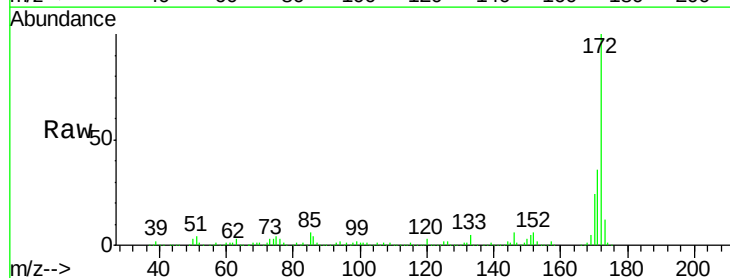
Instrument :
 BNA_F
 ClientSampleId :
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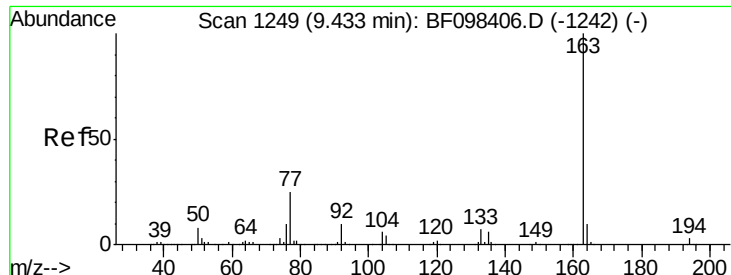
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	40.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 69.881 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF098652.D
 Acq: 19 Sep 2017 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.7	19.8	29.8

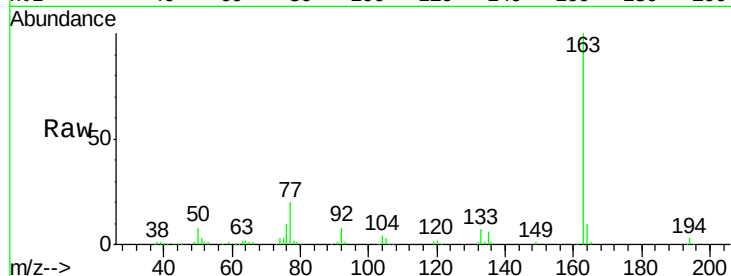




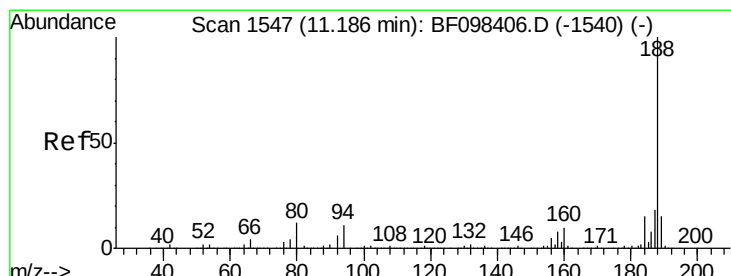
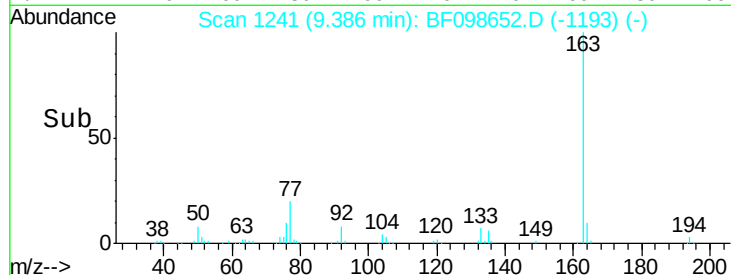
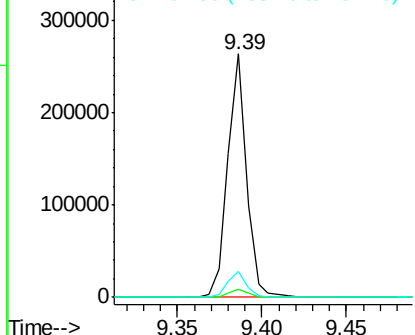
#49
 Dimethylphthalate
 Concen: 7.808 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF098652.D
 Acq: 19 Sep 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-14(0-5)

Tgt Ion:163 Resp: 204443
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.4 8.4 12.6

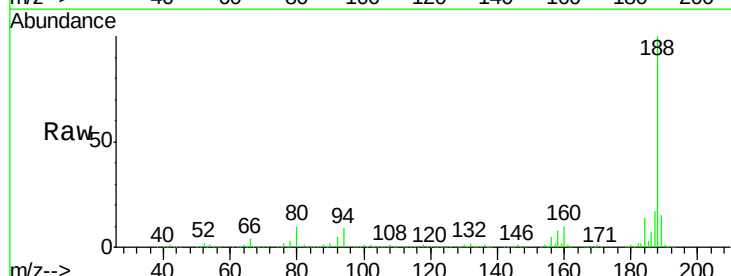


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

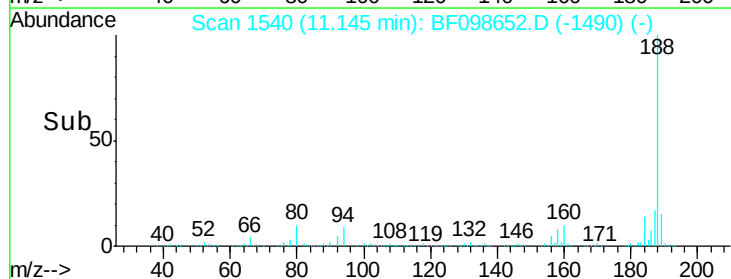
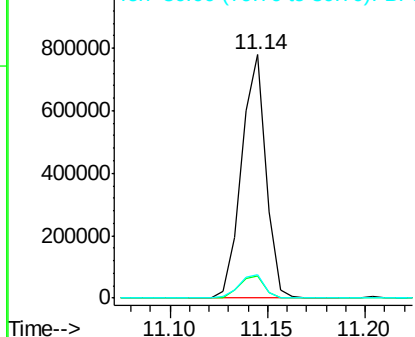


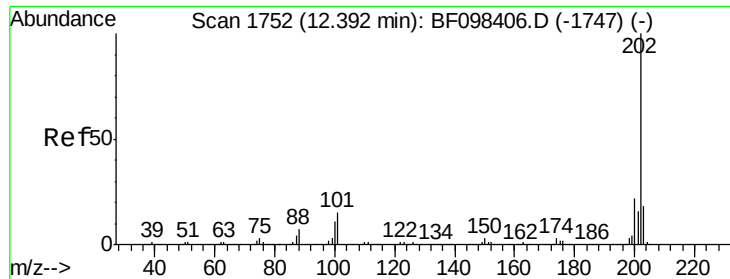
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF098652.D
 Acq: 19 Sep 2017 20:20

Tgt Ion:188 Resp: 675823
 Ion Ratio Lower Upper
 188 100
 94 8.9 9.4 14.2#
 80 9.7 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

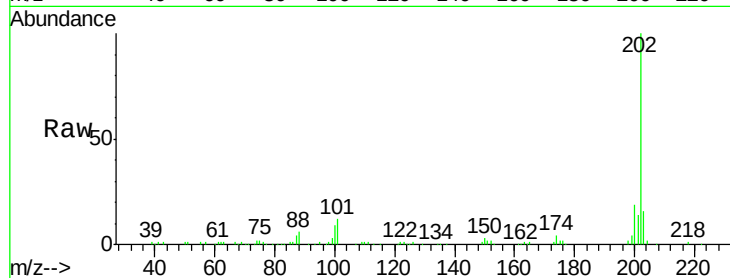




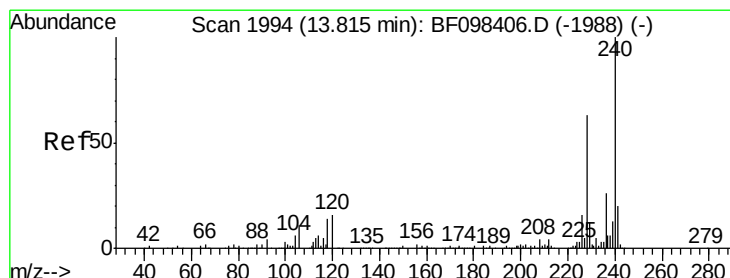
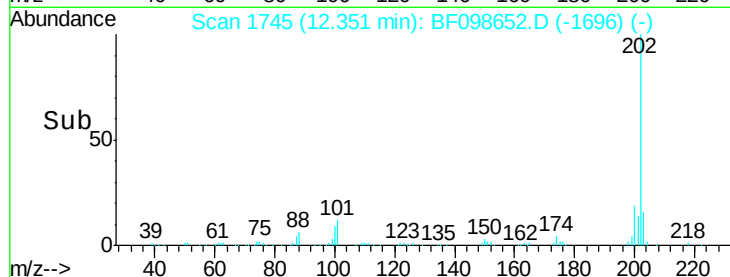
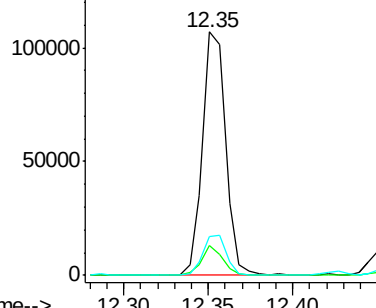
#74
Fluoranthene
Concen: 2.841 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF098652.D
Acq: 19 Sep 2017 20:20

Instrument :
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ClientSampleId :
SASP2P-ENV-125-14(0-5)

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	15.8	0.0	38.1

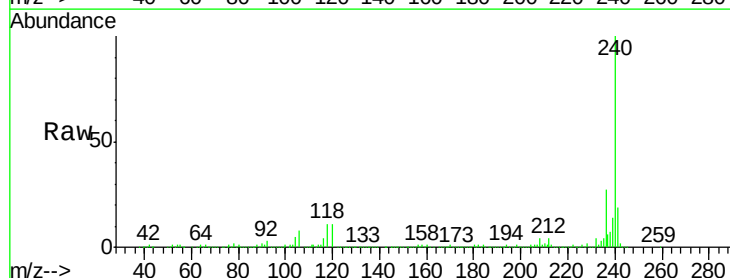


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

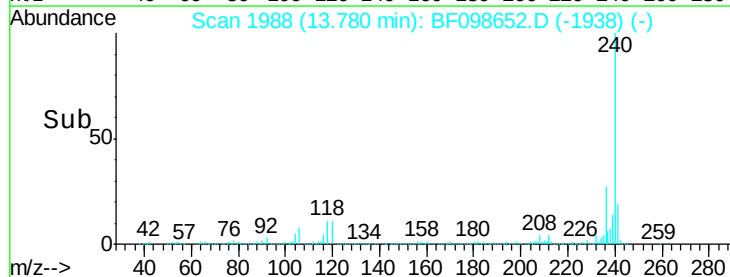
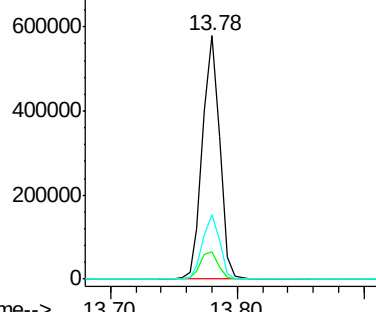


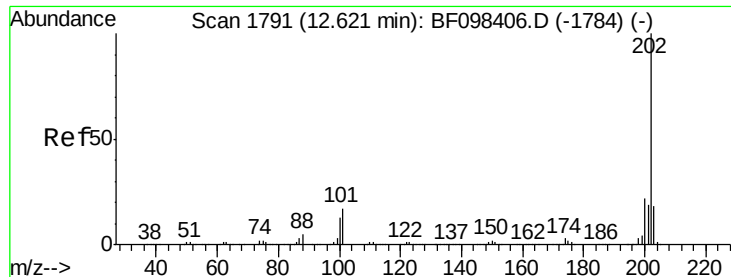
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF098652.D
Acq: 19 Sep 2017 20:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.8	8.8#
236	26.6	20.5	30.7



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





#77

Pyrene

Concen: 2.105 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF098652.D

Acq: 19 Sep 2017 20:20

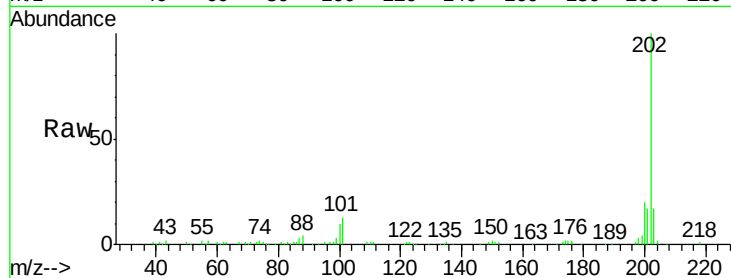
Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-125-14(0-5)

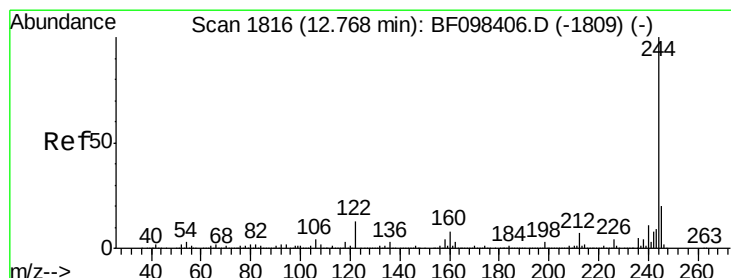
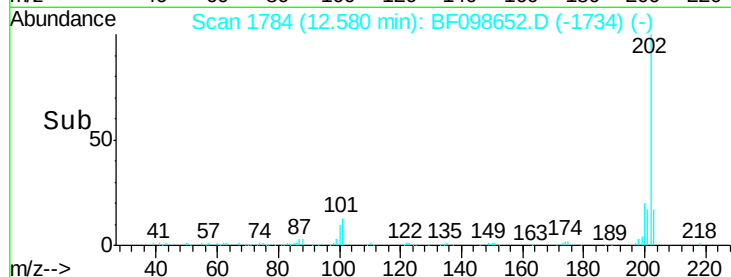
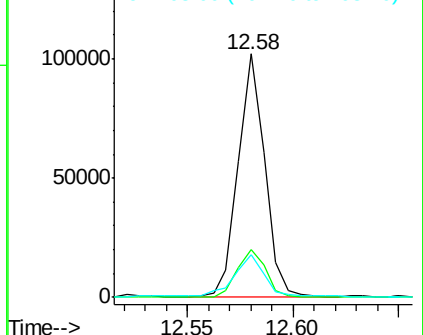
Tgt Ion:	202	Resp:	89855
Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	17.3	14.4	21.6



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: 75.923 ng

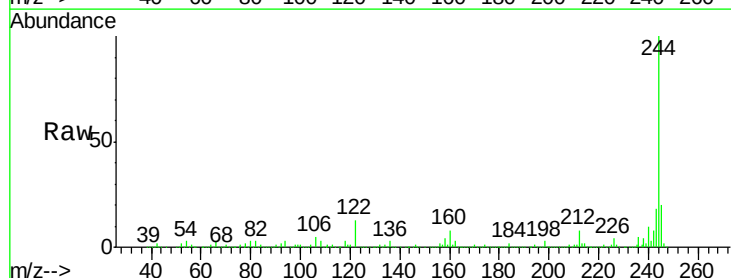
RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098652.D

Acq: 19 Sep 2017 20:20

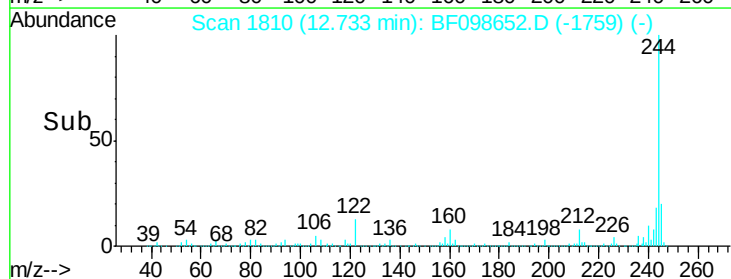
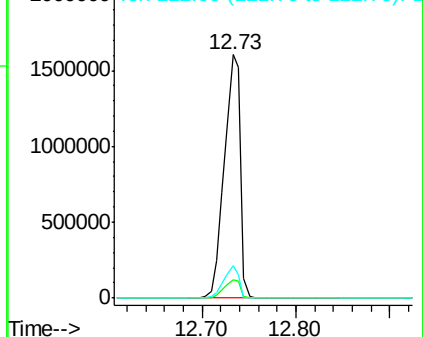
Tgt Ion:	244	Resp:	1903039
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.4	10.3	15.5

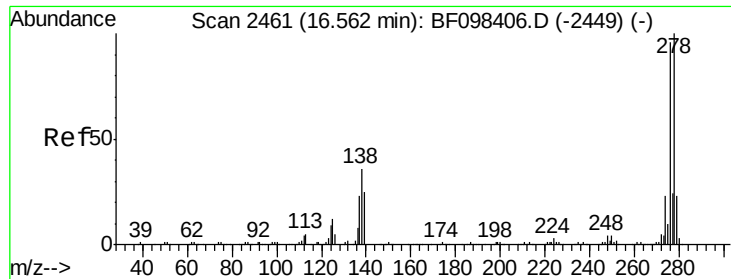


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

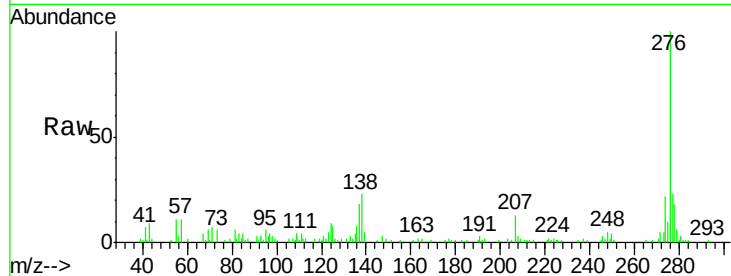




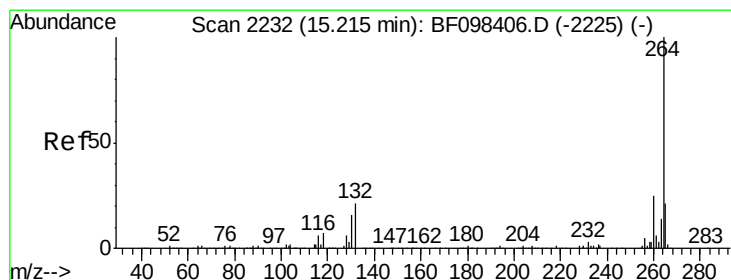
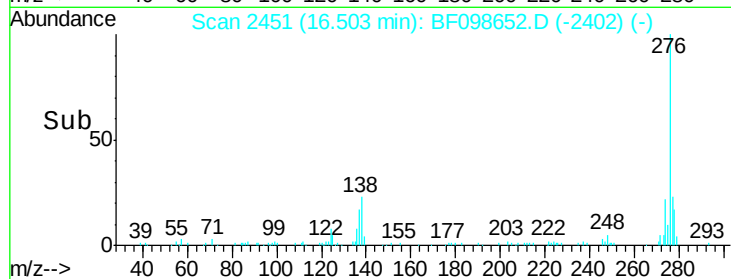
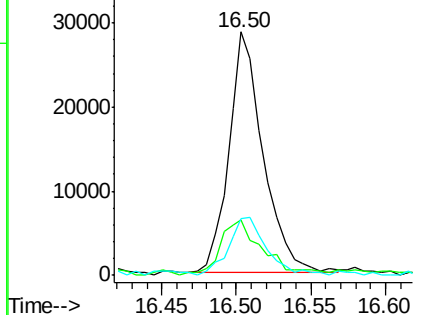
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.038 ng
 RT: 16.50 min Scan# 2451
 Delta R.T. -0.01 min
 Lab File: BF098652.D
 Acq: 19 Sep 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-14(0-5)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	27.8	41.6
277	26.9	20.2	30.4

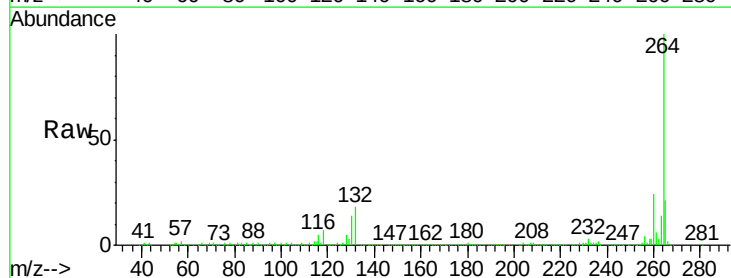


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

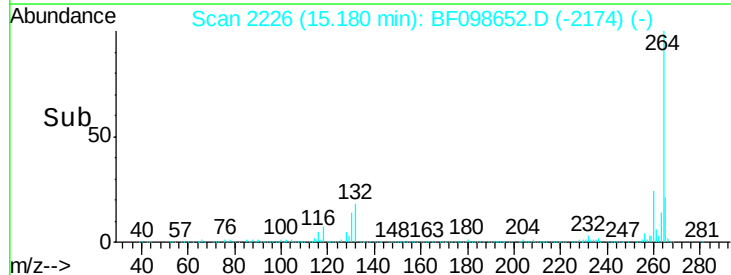
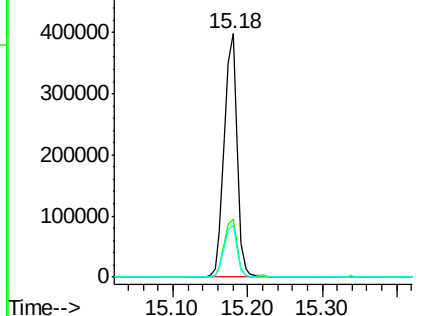


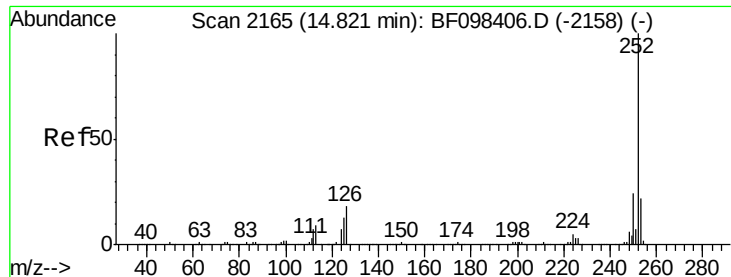
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098652.D
 Acq: 19 Sep 2017 20:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.2	25.8



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: 2.295 ng m

RT: 14.79 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BF098652.D

Acq: 19 Sep 2017 20:20

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-125-14(0-5)

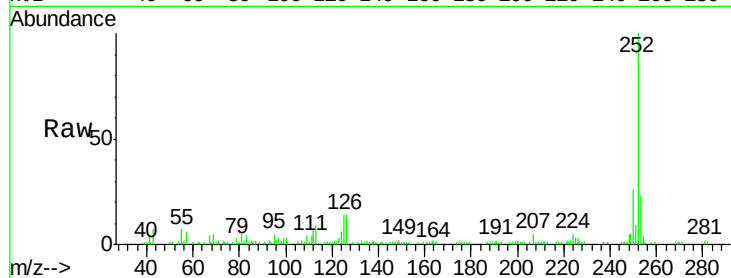
Tgt Ion:252 Resp: 70082

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

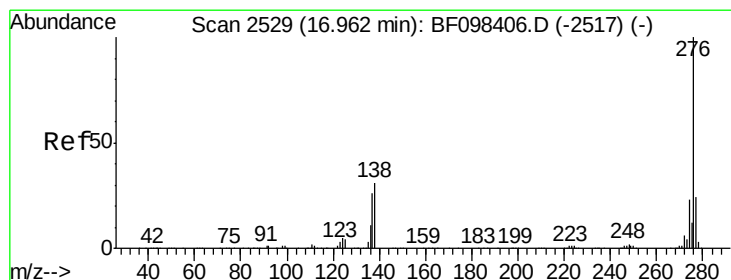
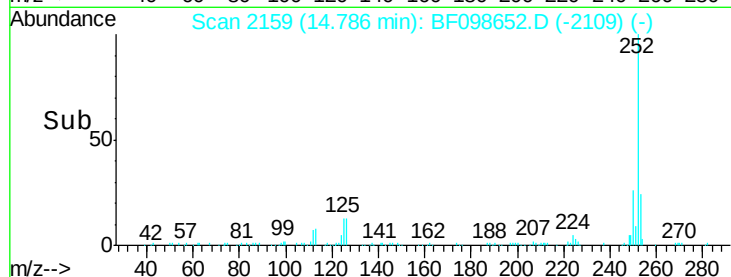
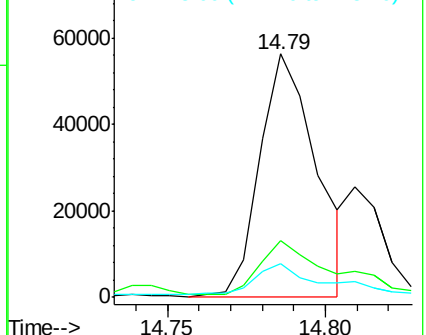
125 13.9 9.8 14.8



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



#91

Benzo(g,h,i)perylene

Concen: 3.888 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF098652.D

Acq: 19 Sep 2017 20:20

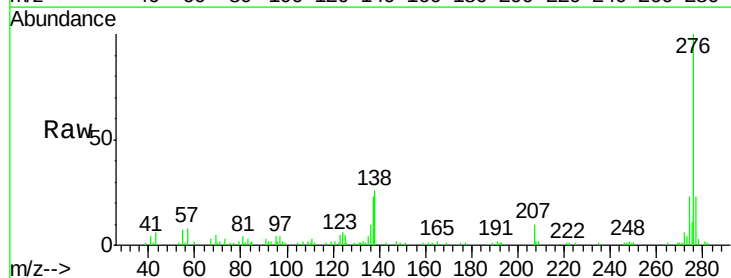
Tgt Ion:276 Resp: 77375

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 25.9 25.4 38.0



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

