

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108402.D
 Acq On : 22 Aug 2018 23:54
 Operator : JU/SJ
 Sample : J4553-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-9(30-36)

Quant Time: Aug 23 06:46:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

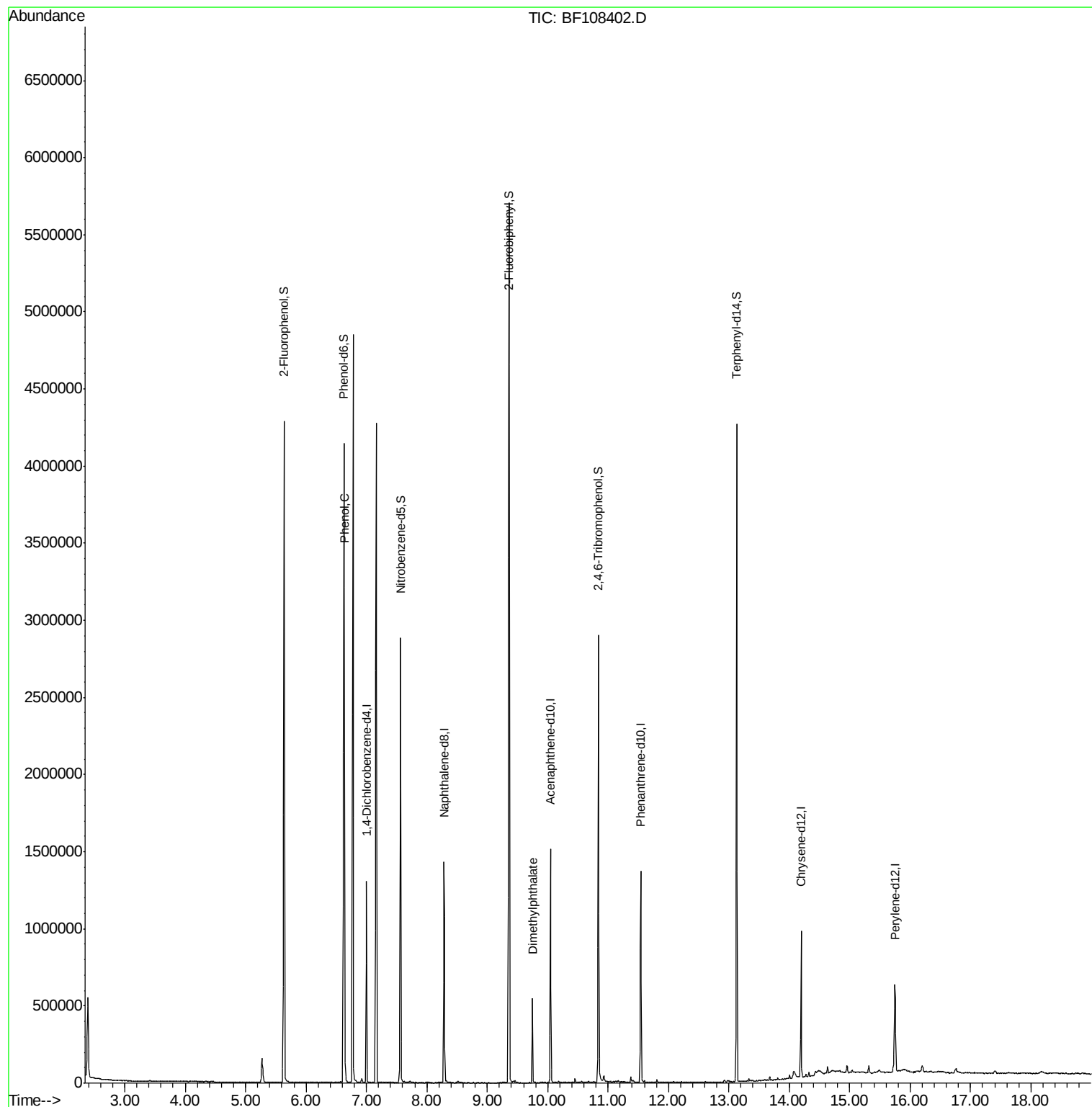
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	172687	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	624770	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	283672	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	467107	20.00	ng	0.00
75) Chrysene-d12	14.19	240	318782	20.00	ng	0.00
86) Perylene-d12	15.75	264	275604	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1259063	132.00	ng	0.00
7) Phenol-d6	6.63	99	1690623	133.38	ng	0.00
23) Nitrobenzene-d5	7.57	82	1094651	97.77	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	347867	122.94	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1874681	106.10	ng	0.00
78) Terphenyl-d14	13.13	244	1396761	111.40	ng	0.00
Target Compounds						
10) Phenol	6.64	94	31510	2.403	ng	92
49) Dimethylphthalate	9.75	163	198544	10.048	ng	98

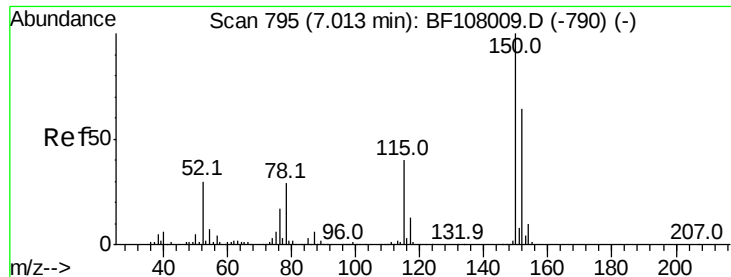
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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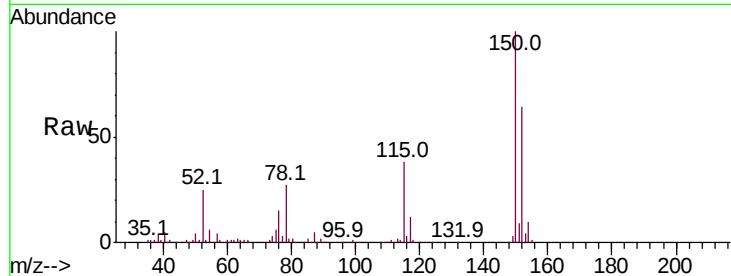


#1

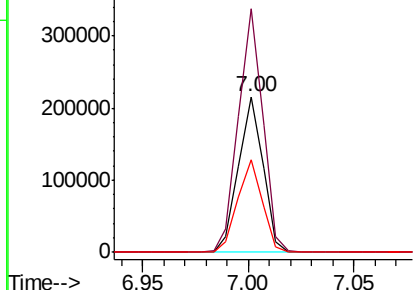
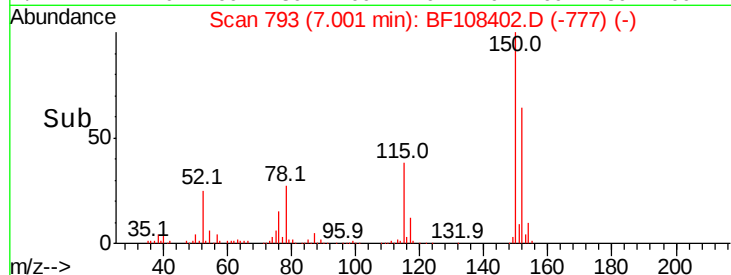
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :
EPE-P-9(30-36)

Tot Ion:152 Resp: 172687
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 59.5 50.1 75.1



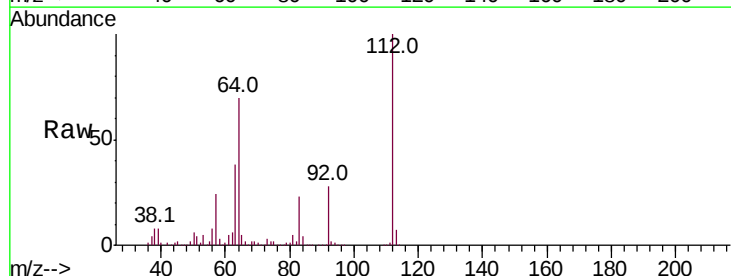
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



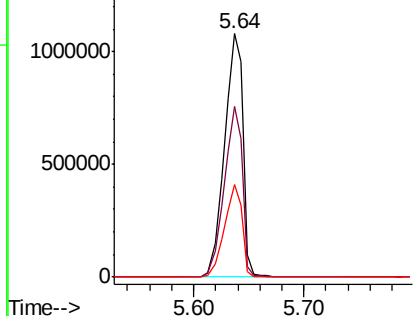
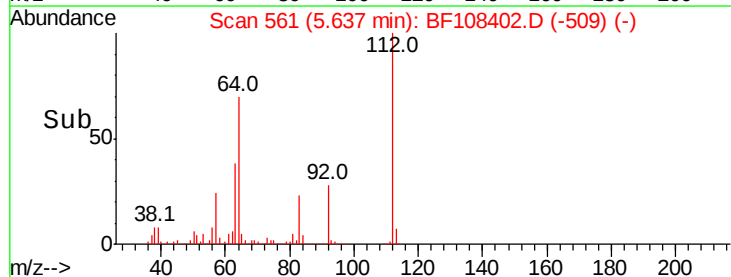
#5

2-Fluorophenol
Concen: 132.000 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Tgt Ion:112 Resp: 1259063
Ion Ratio Lower Upper
112 100
64 70.1 47.9 71.9
63 38.1 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: 133.381 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

Instrument :

BNA_F

ClientSampleId :

EPE-P-9(30-36)

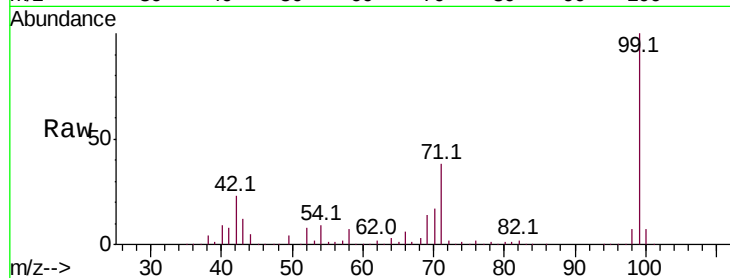
Tot Ion: 99 Resp: 1690623

Ion Ratio Lower Upper

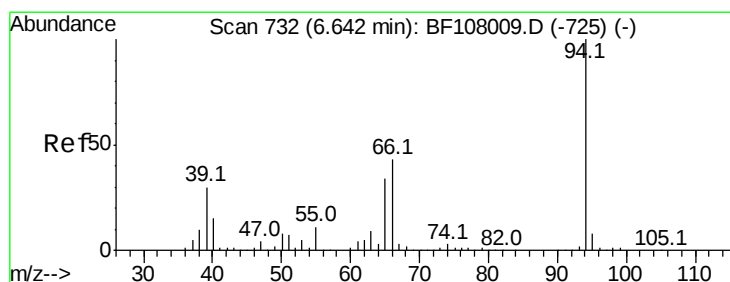
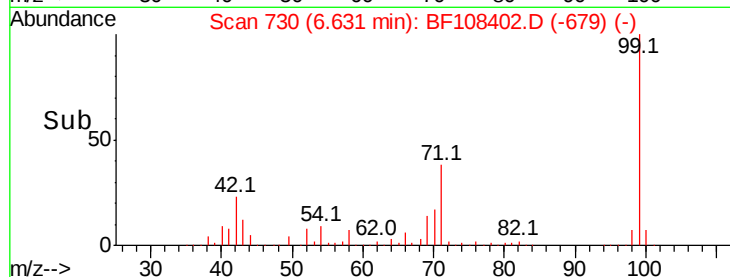
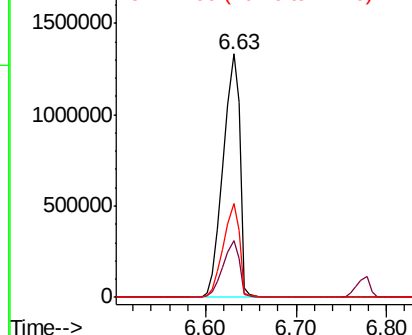
99 100

42 23.3 14.5 21.7#

71 38.3 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



#10

Phenol

Concen: 2.403 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

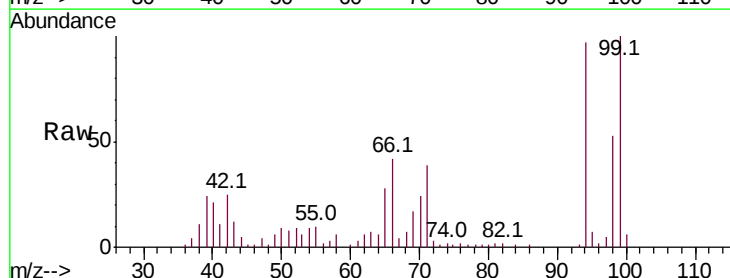
Tgt Ion: 94 Resp: 31510

Ion Ratio Lower Upper

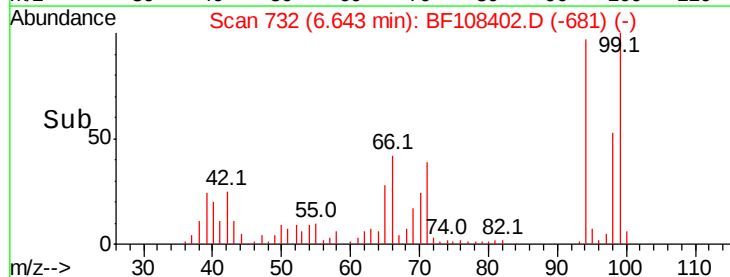
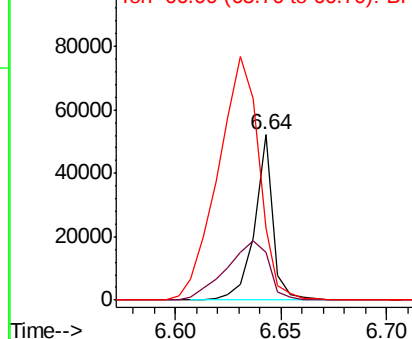
94 100

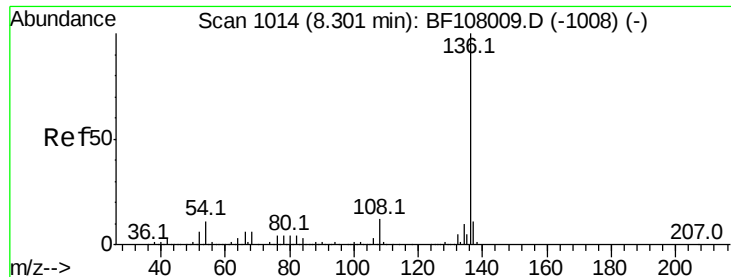
65 29.3 7.9 47.9

66 43.7 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

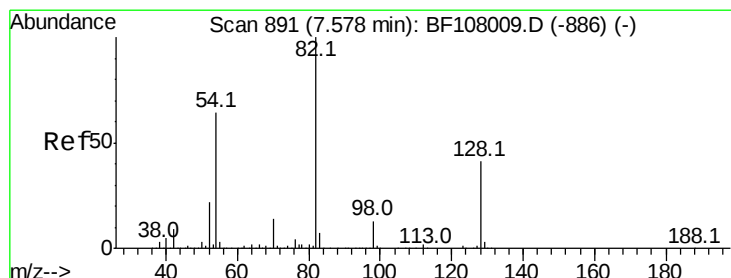
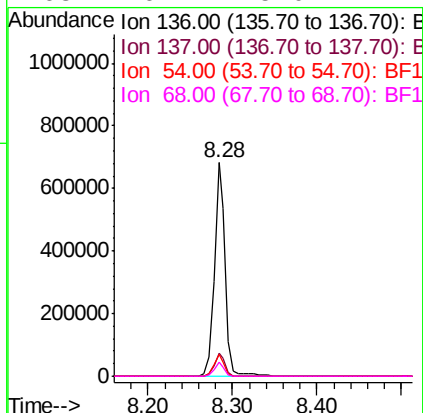
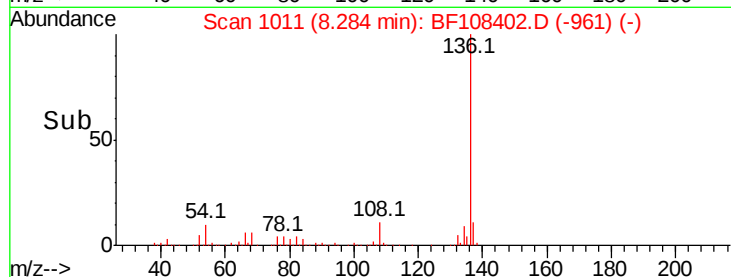
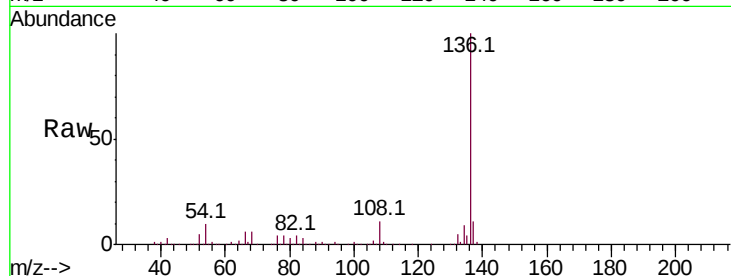




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

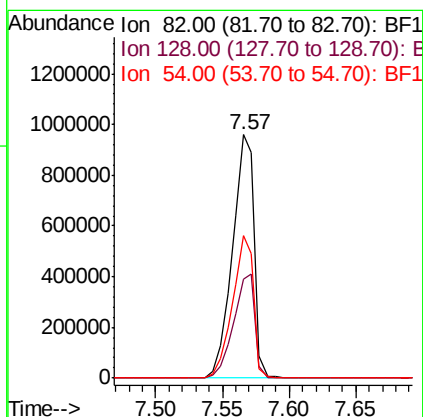
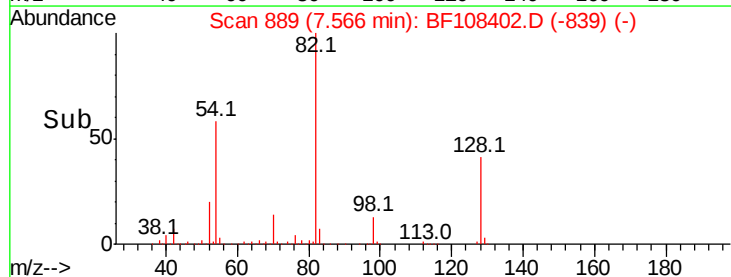
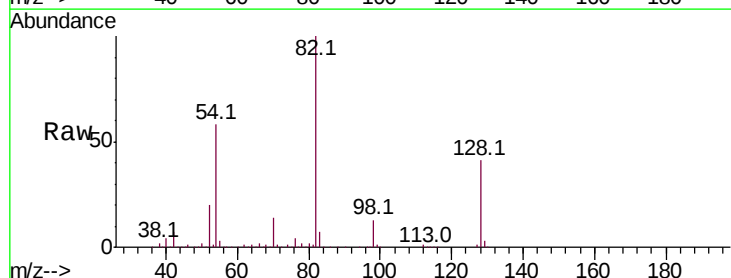
Instrument :
BNA_F
ClientSampleId :
EPE-P-9(30-36)

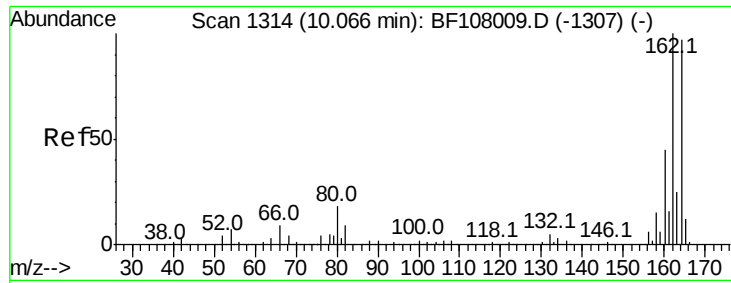
Tot Ion:136	Resp:	624770
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 10.2	6.6	9.8#
68 6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 97.769 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Tgt Ion: 82	Resp: 1094651
Ion Ratio	Lower Upper
82 100	
128 40.6	36.1 54.1
54 58.4	41.4 62.2

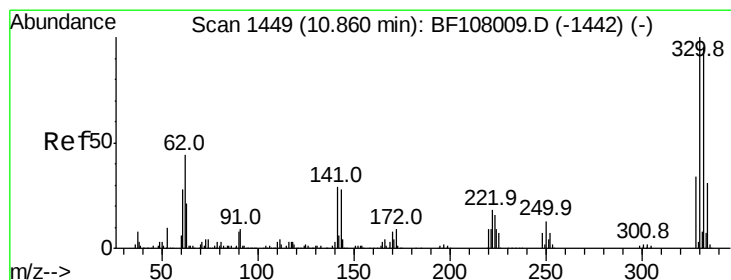
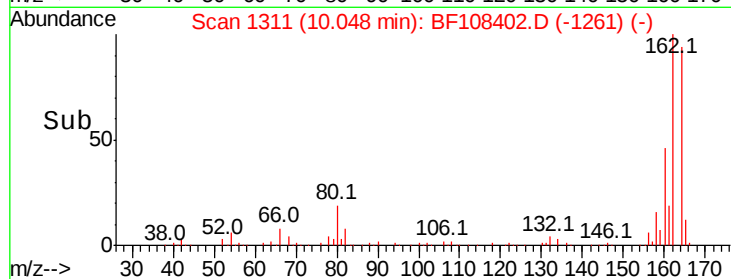
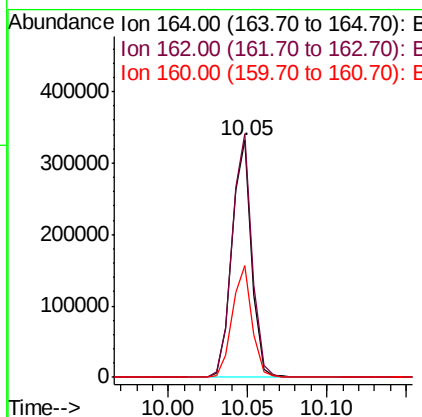
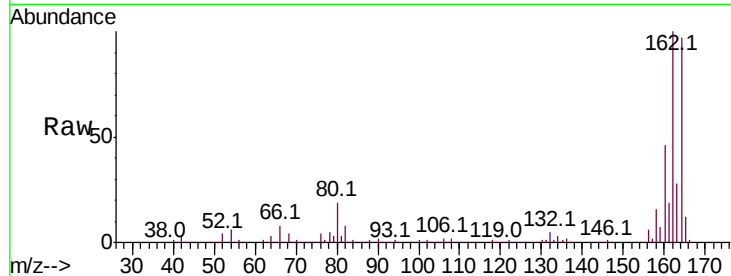




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108402.D
 Acq: 22 Aug 2018 23:54

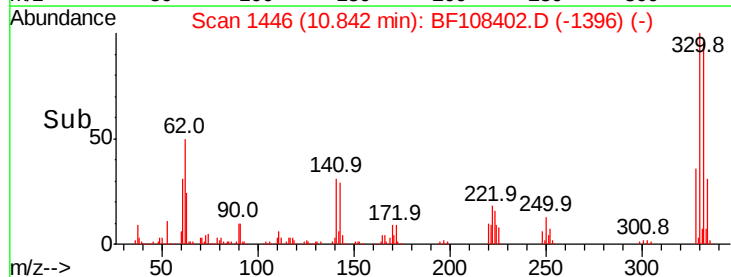
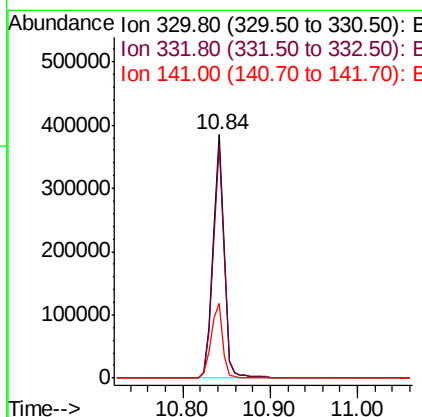
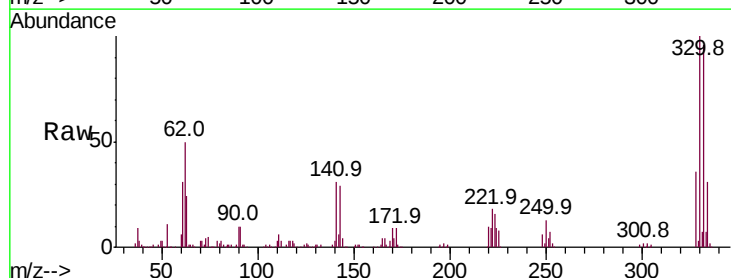
Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-9(30-36)

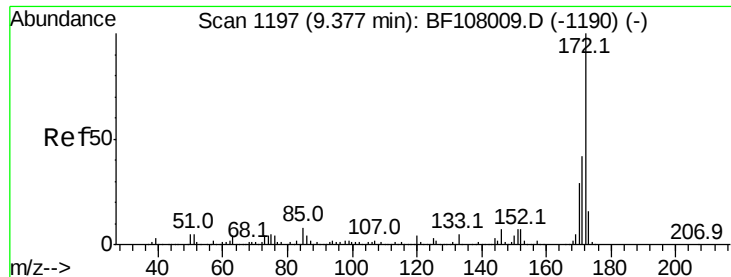
Tot Ion:164 Resp: 283672
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 122.940 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108402.D
 Acq: 22 Aug 2018 23:54

Tgt Ion:330 Resp: 347867
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 31.9 29.9 44.9

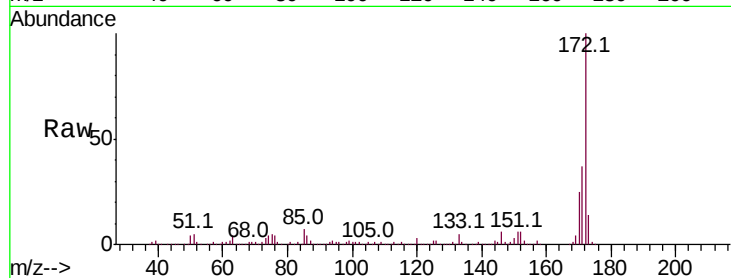




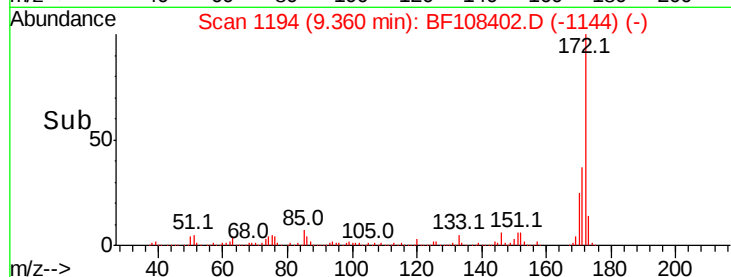
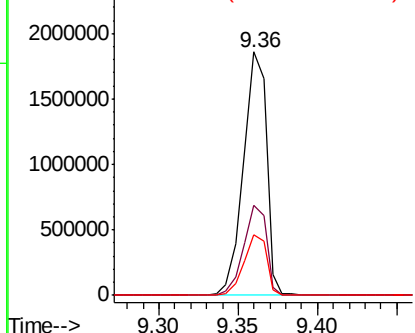
#44
2-Fluorobiphenyl
Concen: 106.099 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :
EPE-P-9(30-36)

Tot Ion:172 Resp: 1874681
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.0 19.6 29.4

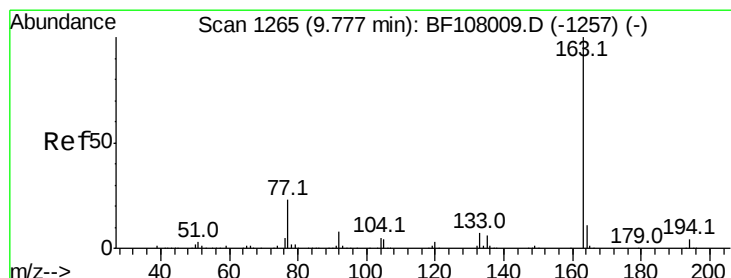


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

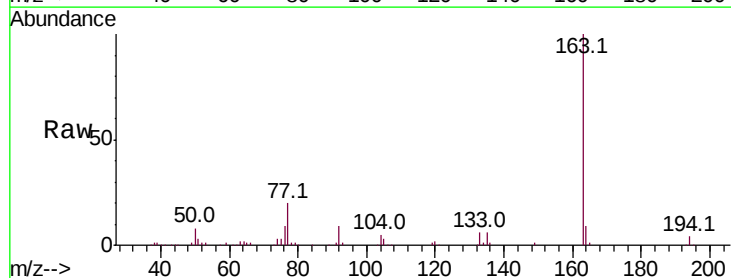
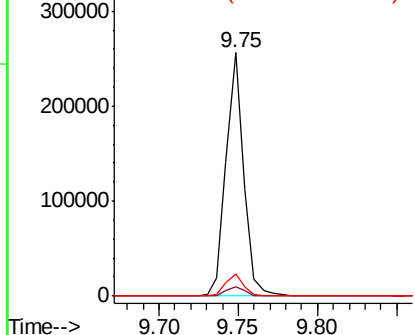


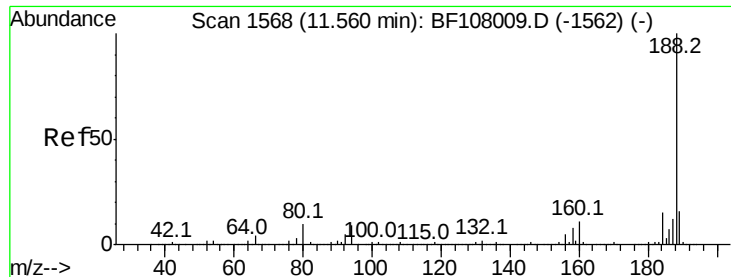
#49
Dimethylphthalate
Concen: 10.048 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Tgt Ion:163 Resp: 198544
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.3 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

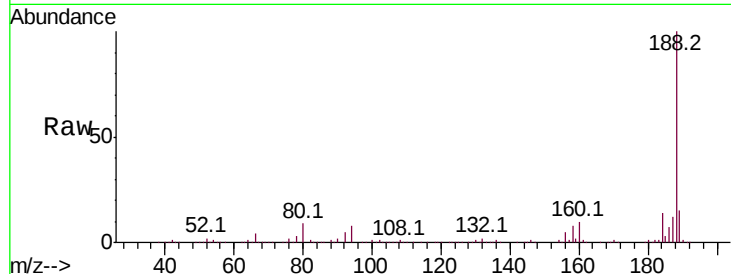




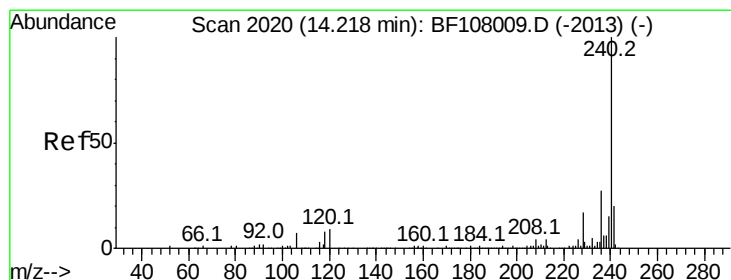
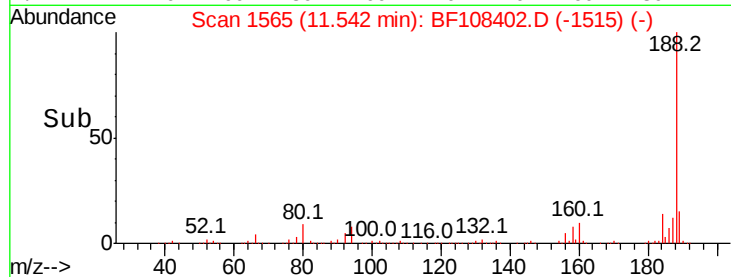
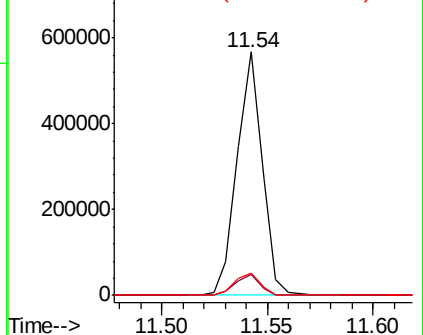
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :
EPE-P-9(30-36)

Tot Ion:188 Resp: 467107
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.2 9.2 13.8

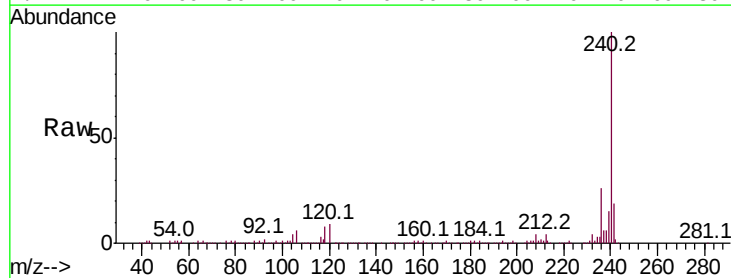


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

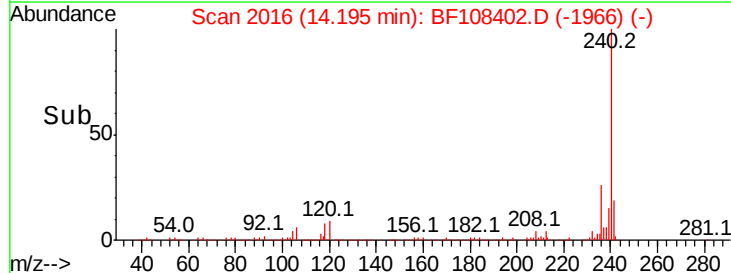
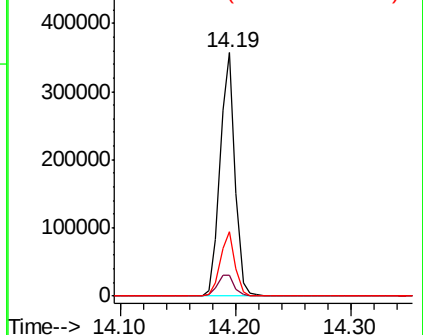


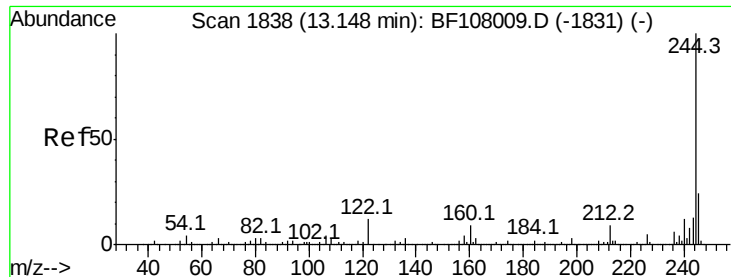
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Tgt Ion:240 Resp: 318782
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 26.2 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: 111.404 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

Instrument :

BNA_F

ClientSampleId :

EPE-P-9(30-36)

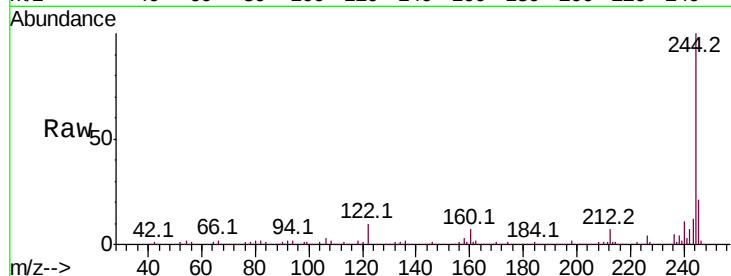
Tot Ion:244 Resp: 1396761

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

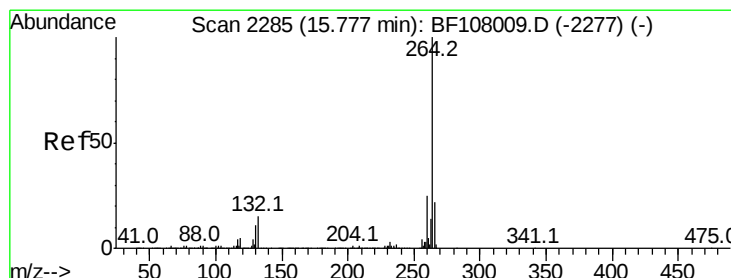
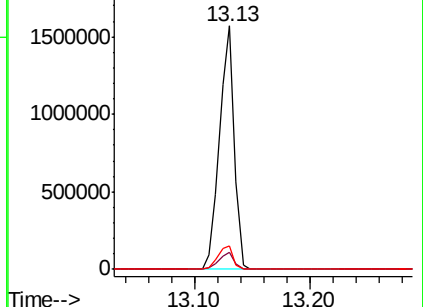
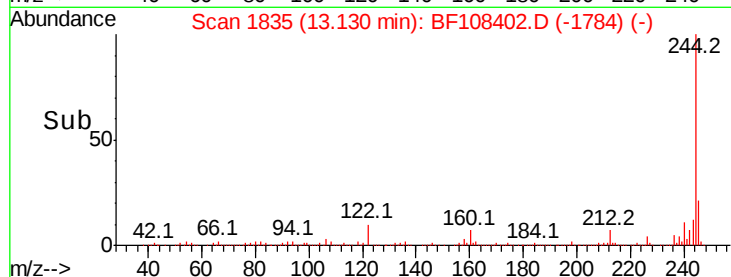
122 9.8 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

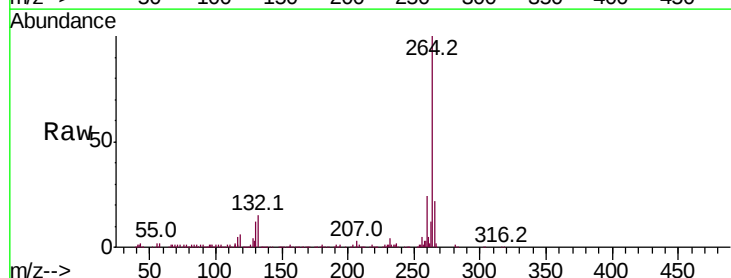
Tgt Ion:264 Resp: 275604

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.9 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

