

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101745.D
 Acq On : 27 Dec 2017 5:33
 Operator : SJ/JU
 Sample : I7043-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(112-114)

Quant Time: Dec 27 08:13:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

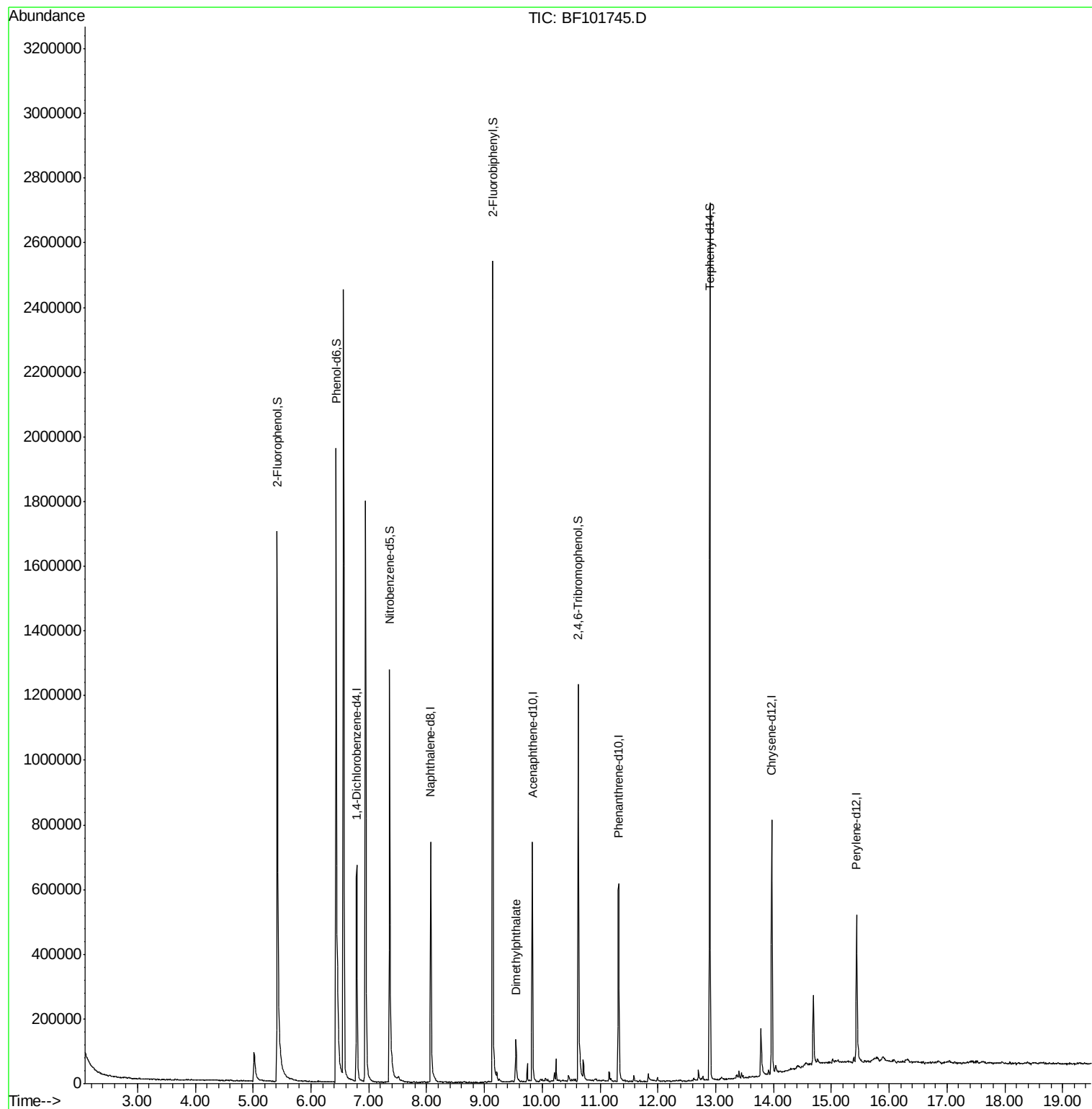
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121336	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	431350	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	158792	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	270169	20.00	ng	0.00
75) Chrysene-d12	13.97	240	293251	20.00	ng	0.00
86) Perylene-d12	15.44	264	246818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	730823	89.72	ng	0.01
7) Phenol-d6	6.43	99	894180	88.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	548771	70.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	175410	114.64	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	909751	88.87	ng	0.00
78) Terphenyl-d14	12.90	244	978491	80.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	63931	5.005	ng	Qvalue 99

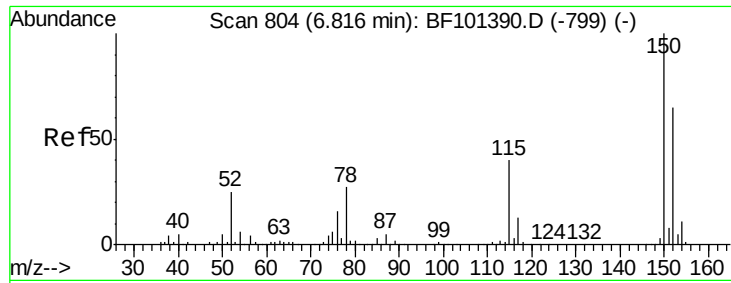
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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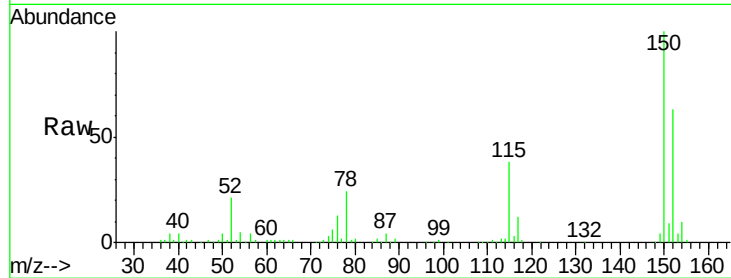


#1

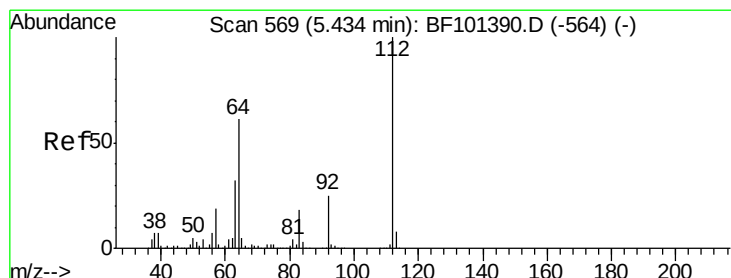
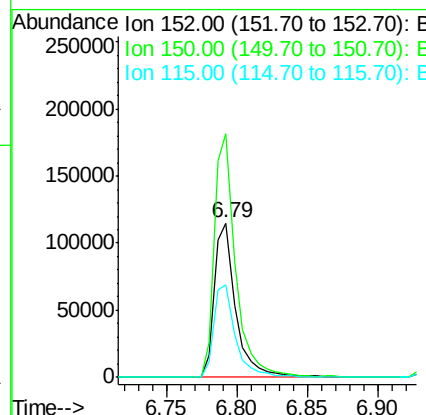
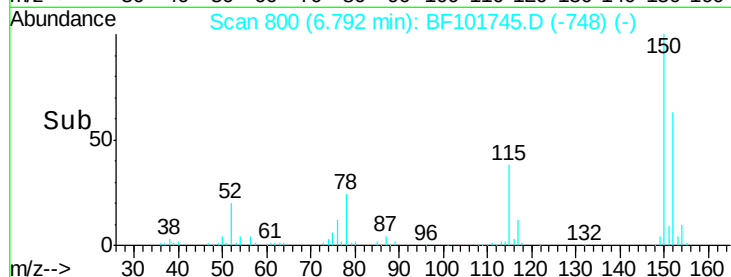
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101745.D
Acq: 27 Dec 2017 5:33

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(112-114)

Tgt Ion:152 Resp: 121336
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.8 50.1 75.1



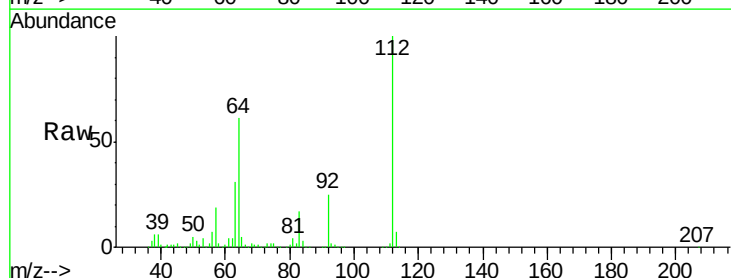
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



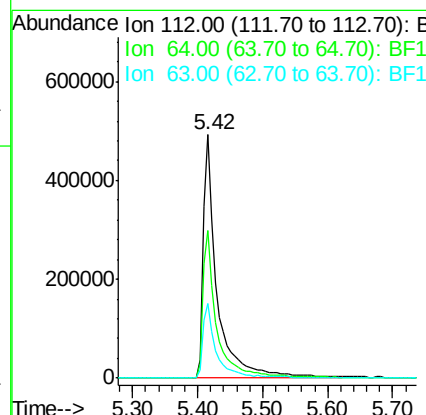
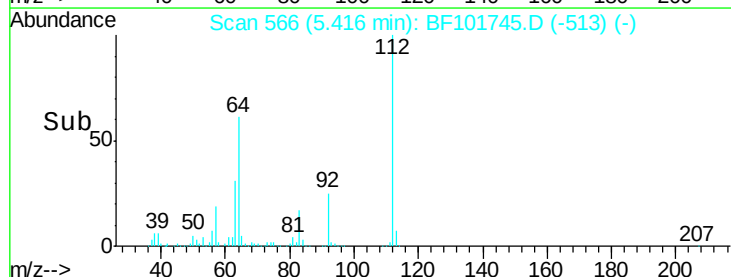
#5

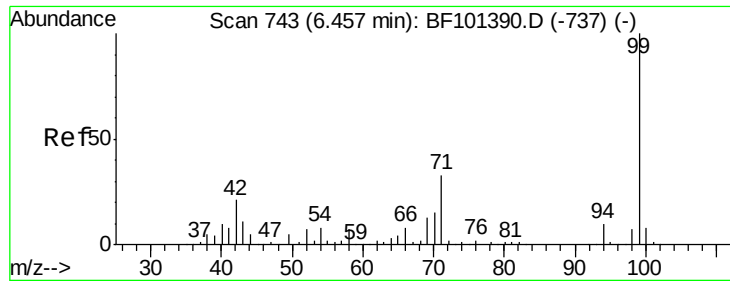
2-Fluorophenol
Concen: 89.719 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101745.D
Acq: 27 Dec 2017 5:33

Tgt Ion:112 Resp: 730823
Ion Ratio Lower Upper
112 100
64 60.5 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: 88.204 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

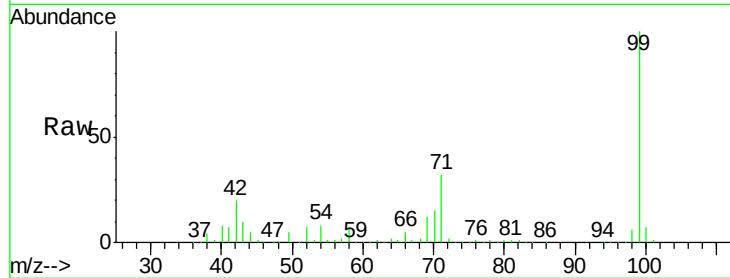
Tgt Ion: 99 Resp: 894180

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

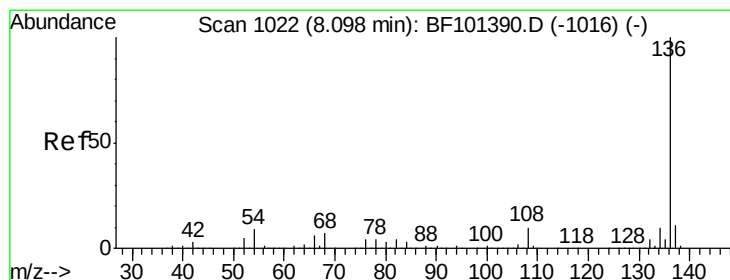
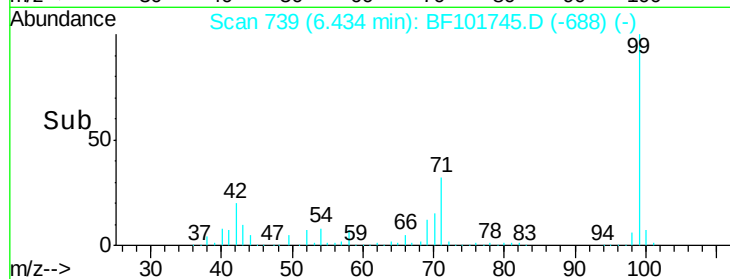
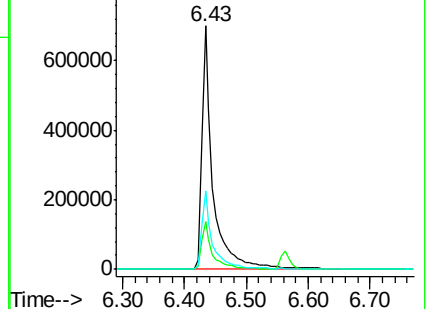
71 32.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Tgt Ion: 136 Resp: 431350

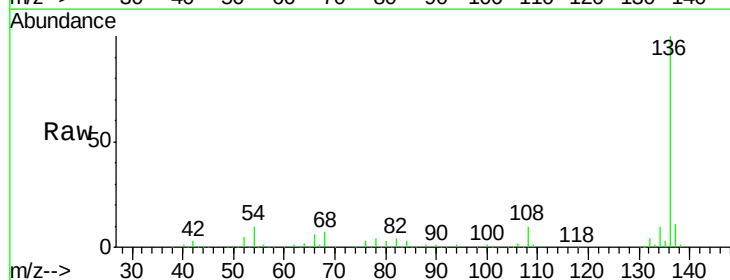
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.9 6.6 9.8#

68 7.1 5.0 7.4

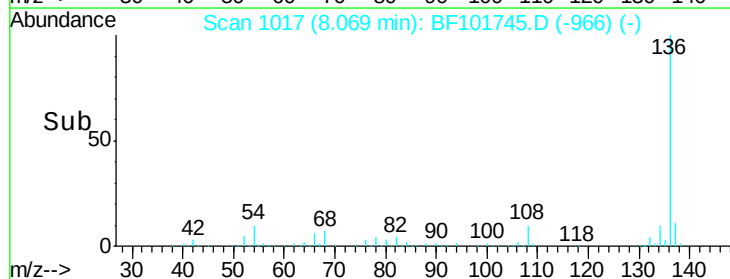
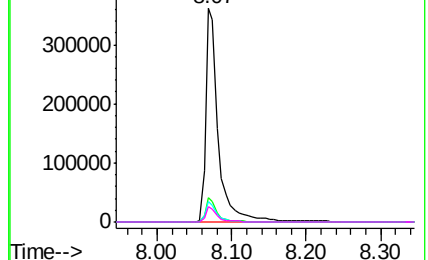


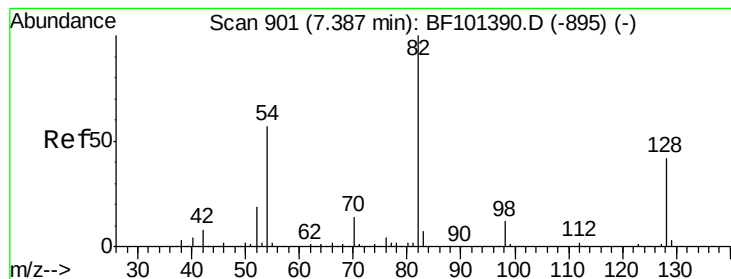
Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.819 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

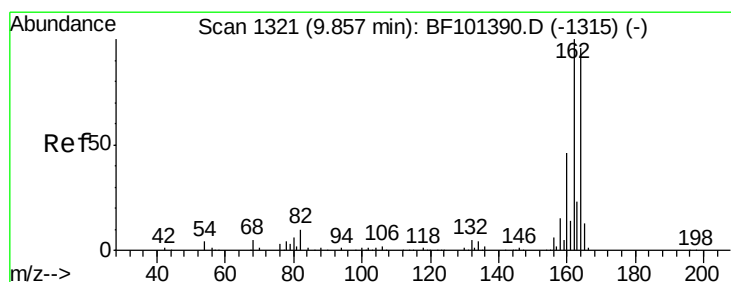
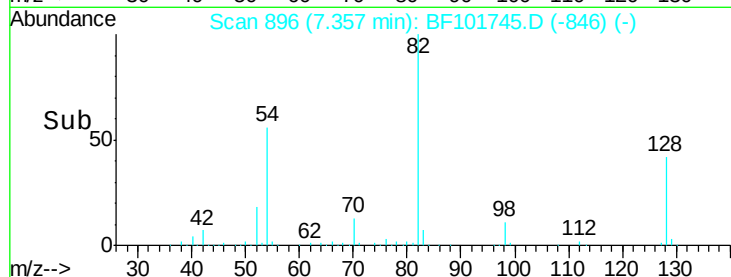
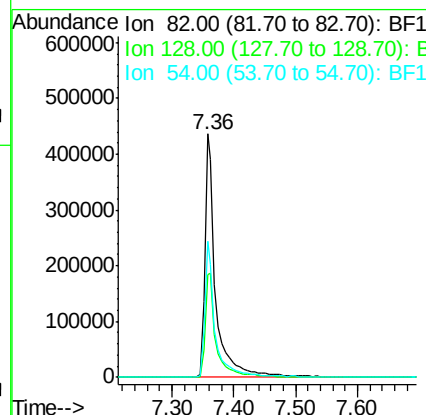
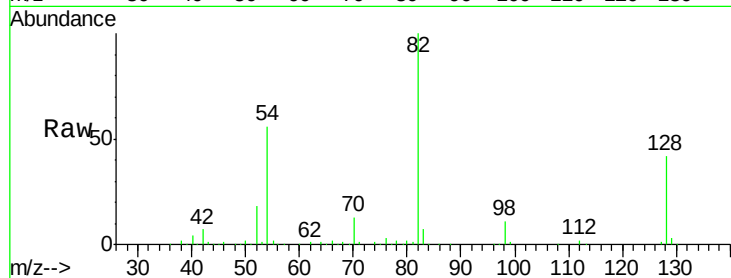
Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

Tgt Ion:	82	Resp:	548771
Ion Ratio	Lower	Upper	
82	100		
128	42.4	36.1	54.1
54	55.8	41.4	62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

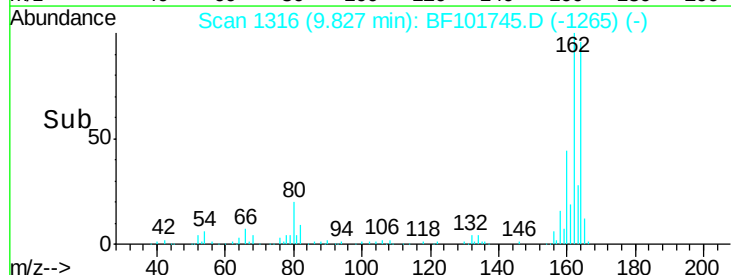
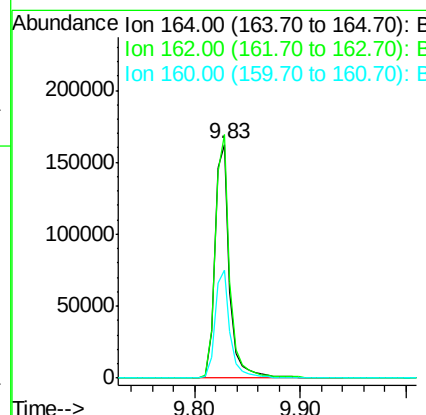
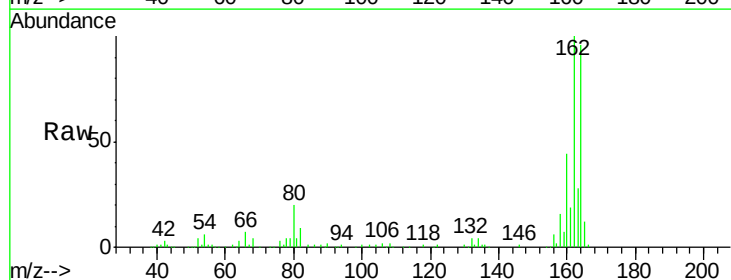
RT: 9.83 min Scan# 1316

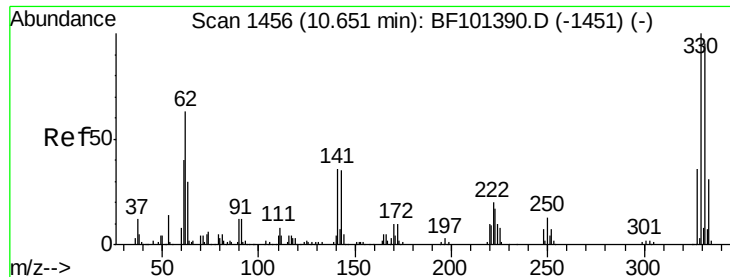
Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Tgt Ion:	164	Resp:	158792
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.1	129.1
160	46.3	38.3	57.5

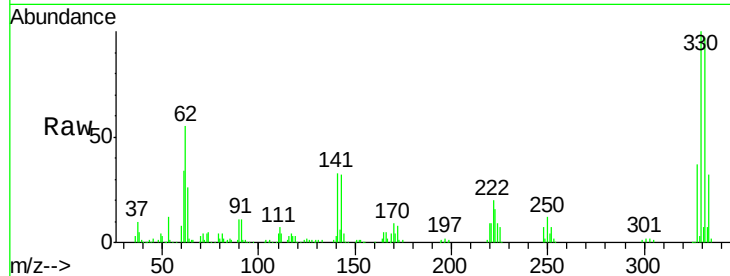




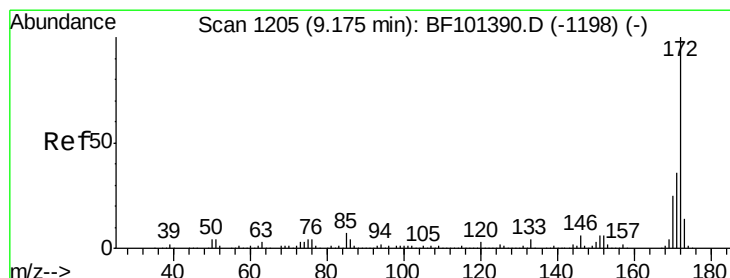
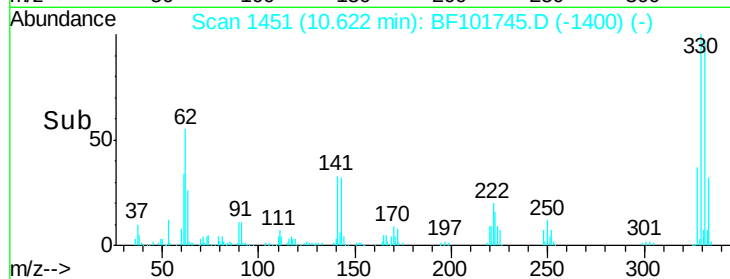
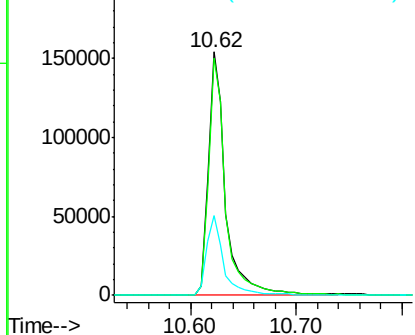
#41
 2,4,6-Tribromophenol
 Concen: 114.641 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101745.D
 Acq: 27 Dec 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(112-114)

Tgt Ion: 330 Resp: 175410
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 32.4 29.9 44.9

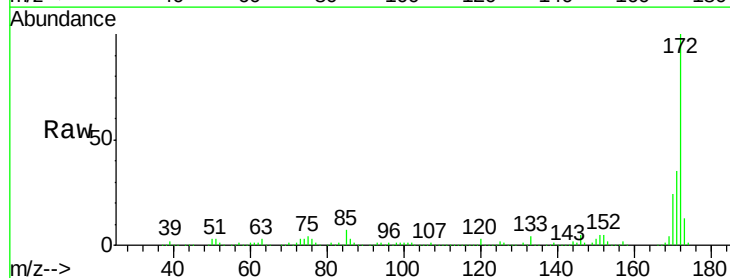


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

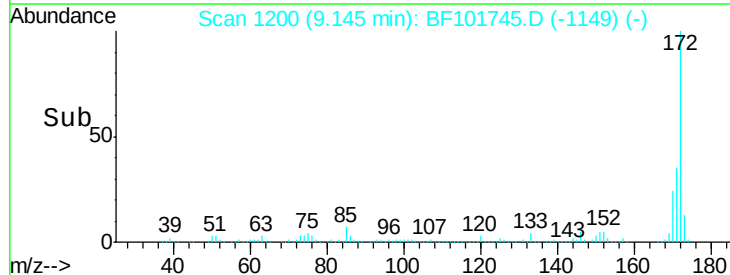
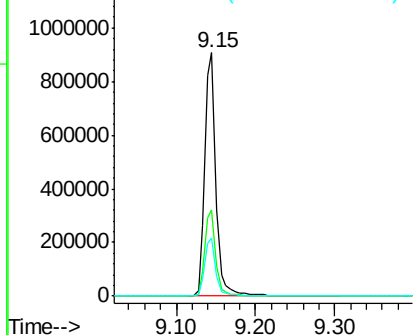


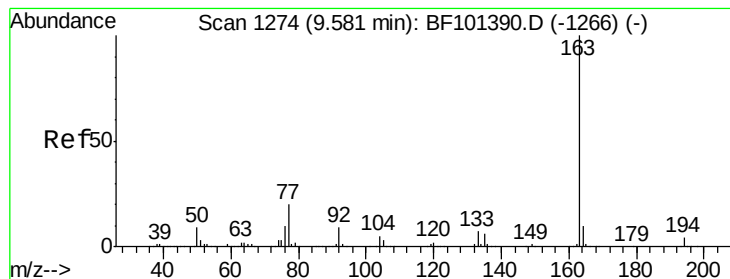
#44
 2-Fluorobiphenyl
 Concen: 88.874 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101745.D
 Acq: 27 Dec 2017 5:33

Tgt Ion: 172 Resp: 909751
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.8 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: 5.005 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

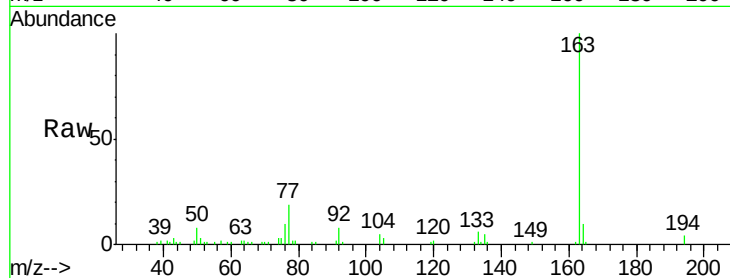
Tgt Ion:163 Resp: 63931

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

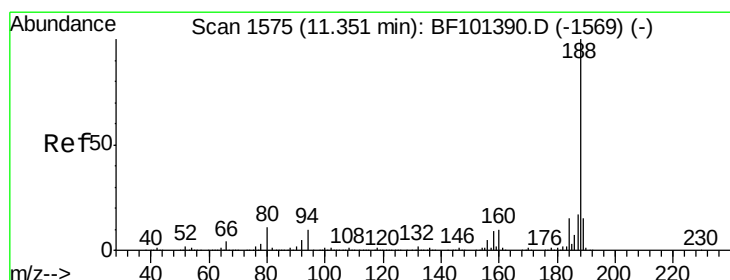
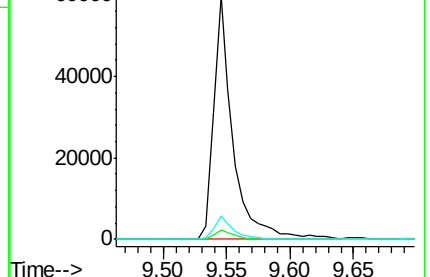
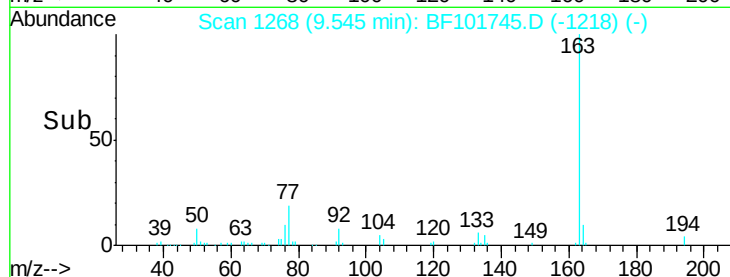
164 9.8 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

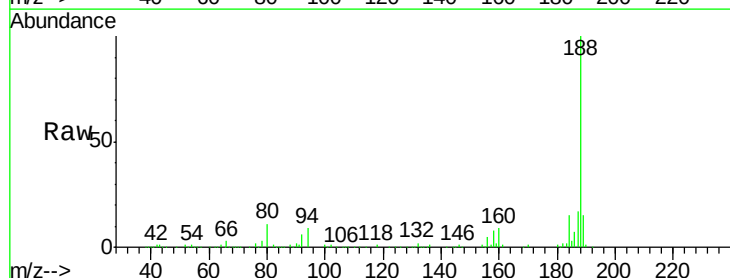
Tgt Ion:188 Resp: 270169

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

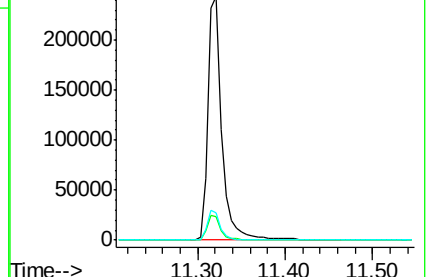
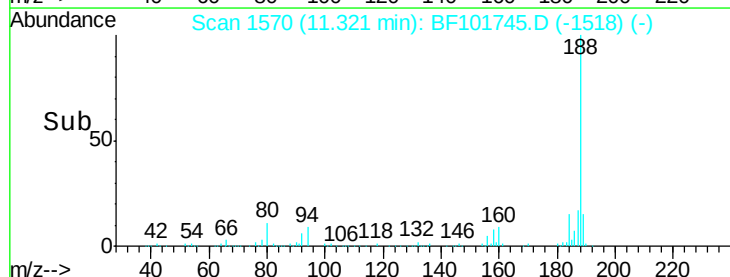
80 11.2 9.2 13.8

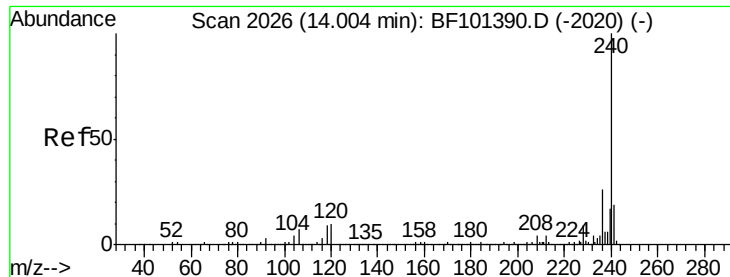


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

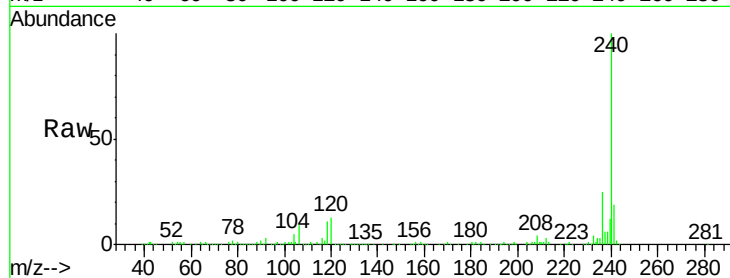
Tgt Ion:240 Resp: 293251

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

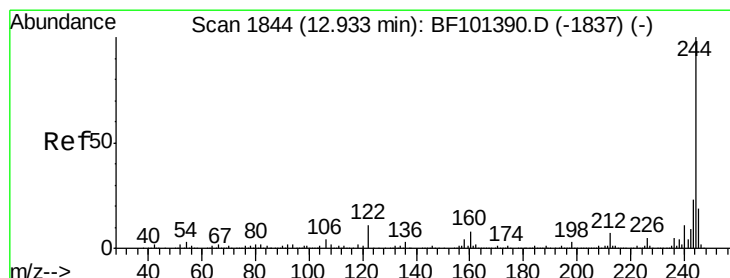
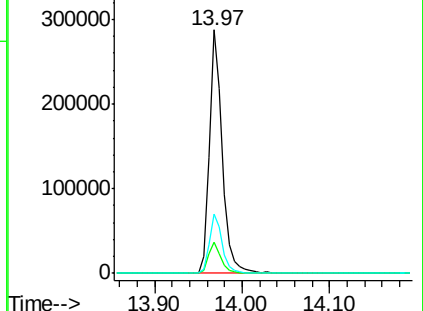
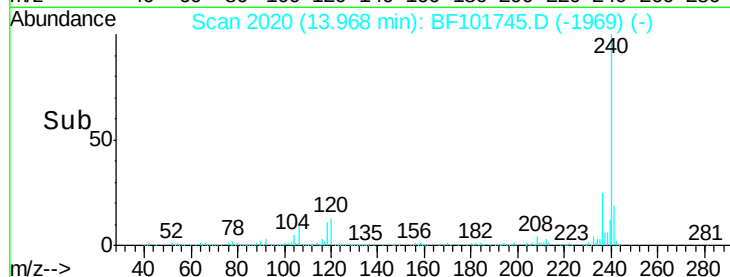
236 24.6 20.7 31.1



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: 80.440 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

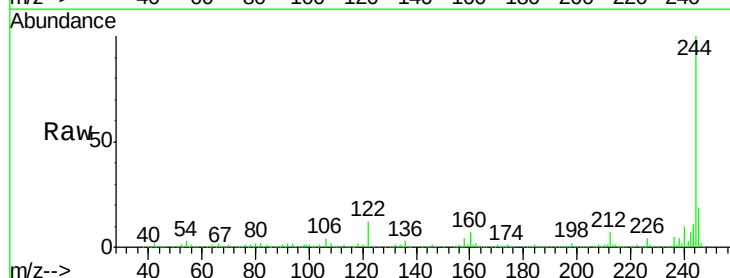
Tgt Ion:244 Resp: 978491

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

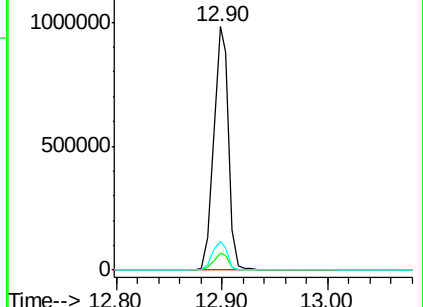
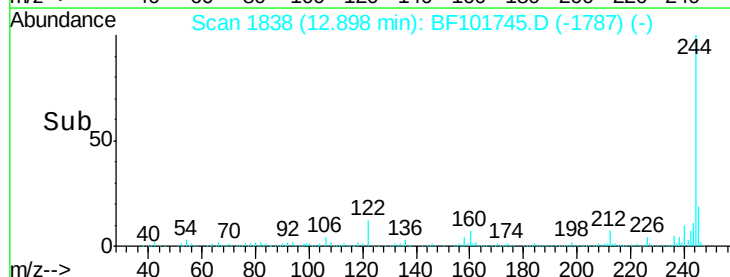
122 12.0 11.0 16.4

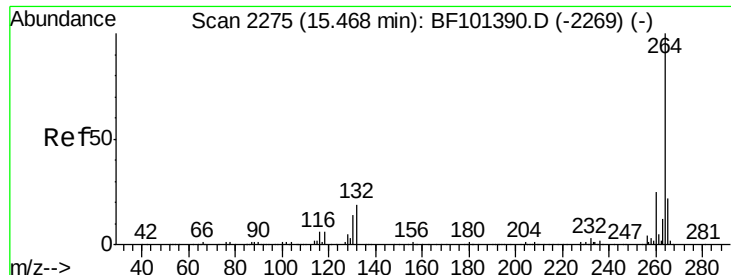


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

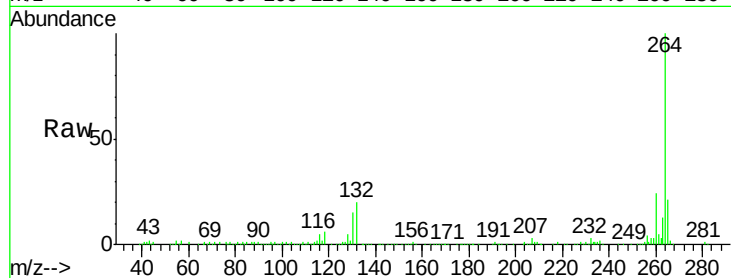




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101745.D
Acq: 27 Dec 2017 5:33

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(112-114)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.8	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

