

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100366.D
 Acq On : 10 Nov 2017 2:54
 Operator : SJ/JU
 Sample : I6346-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-5(25-27)

Quant Time: Nov 10 04:21:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	187499	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	730862	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	321322	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	526964	20.00	ng	0.00
75) Chrysene-d12	14.06	240	361101	20.00	ng	0.00
86) Perylene-d12	15.54	264	368551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	964202	82.43	ng	0.01
7) Phenol-d6	6.52	99	1191498	82.61	ng	0.00
23) Nitrobenzene-d5	7.46	82	729081	65.95	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	258164	78.85	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1235267	58.54	ng	0.00
78) Terphenyl-d14	13.01	244	818882	52.11	ng	0.00

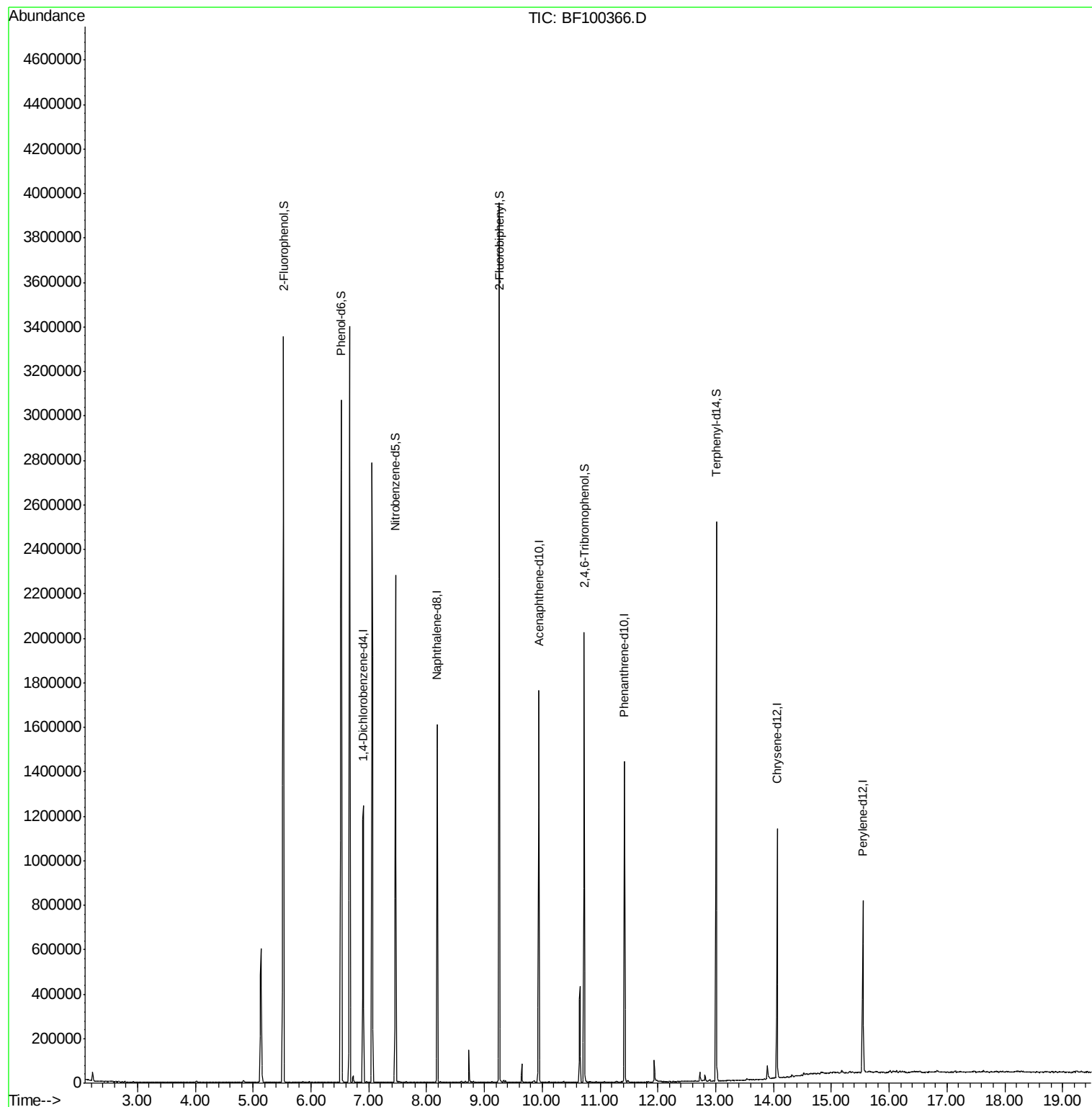
Target Compounds Qvalue

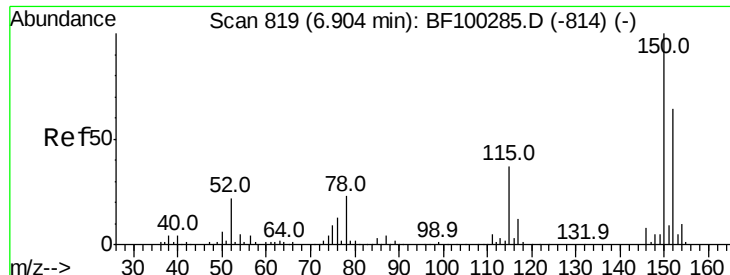
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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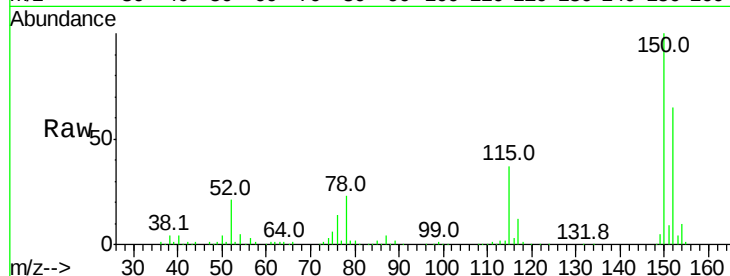


#1

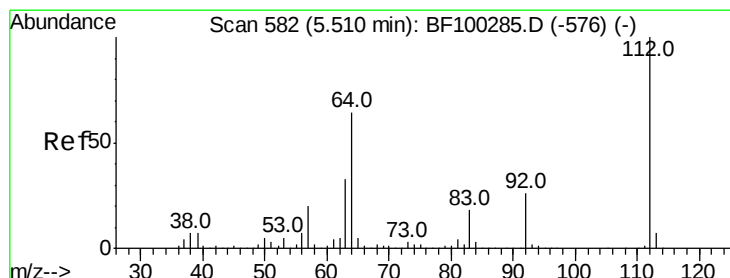
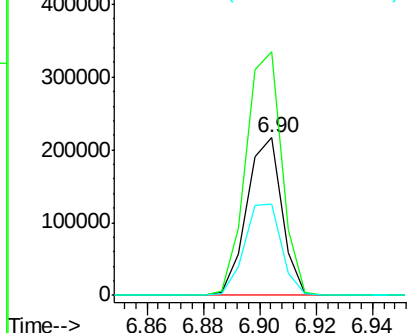
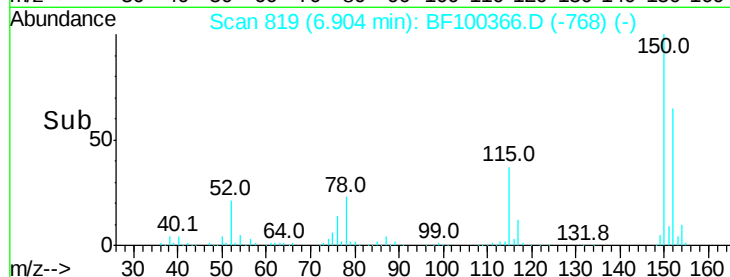
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100366.D
Acq: 10 Nov 2017 2:54

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(25-27)

Tot Ion:152 Resp: 187499
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.8 50.1 75.1



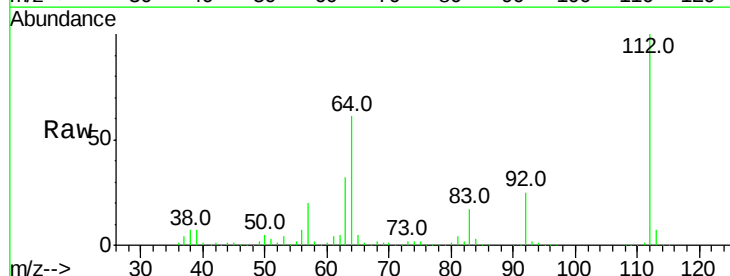
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



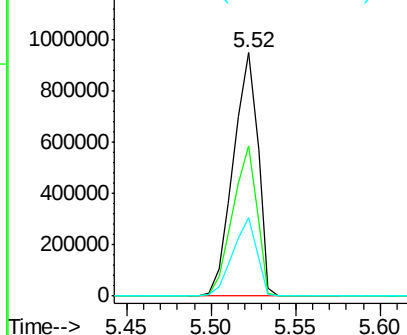
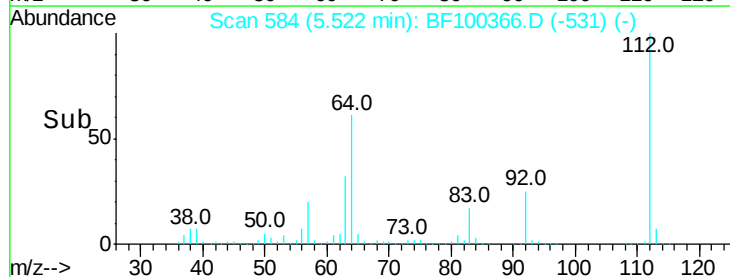
#5

2-Fluorophenol
Concen: 82.433 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100366.D
Acq: 10 Nov 2017 2:54

Tgt Ion:112 Resp: 964202
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 32.2 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: 82.607 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100366.D

Acq: 10 Nov 2017 2:54

Instrument :

BNA_F

ClientSampleId :

EPE-120-5(25-27)

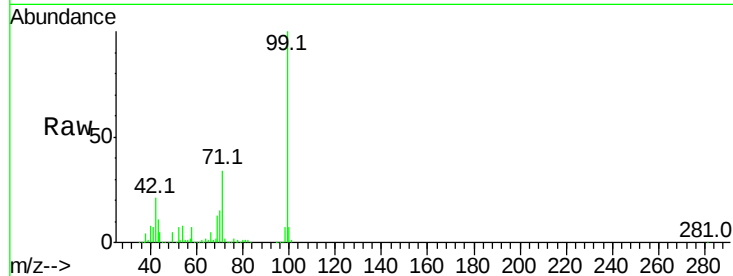
Tot Ion: 99 Resp: 1191498

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

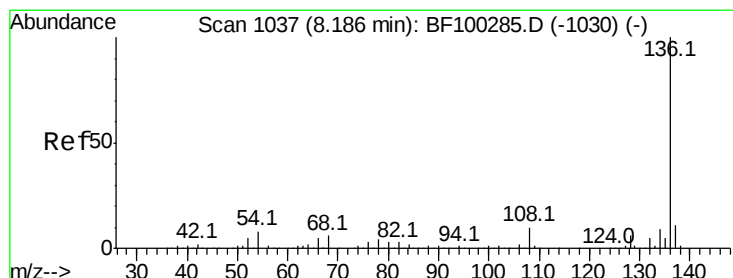
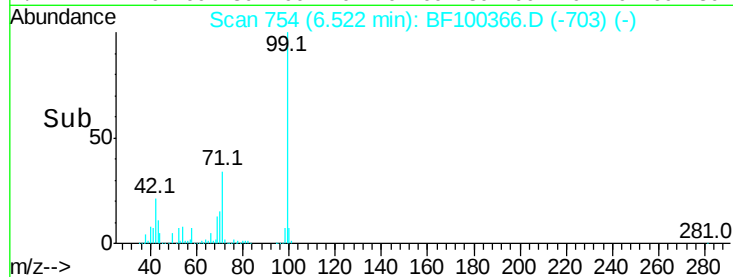
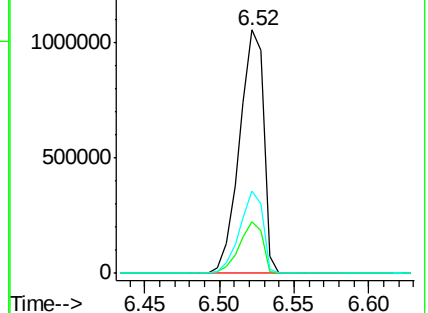
71 33.8 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100366.D

Acq: 10 Nov 2017 2:54

Tgt Ion: 136 Resp: 730862

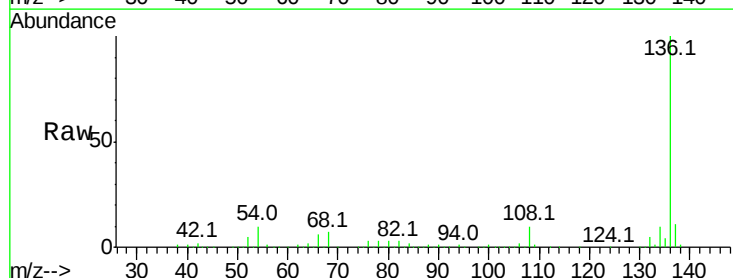
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.8 6.6 9.8

68 7.0 5.0 7.4

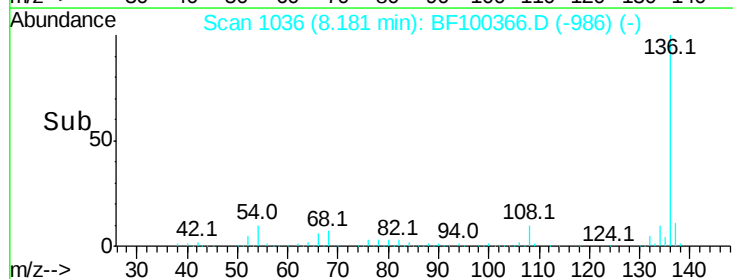
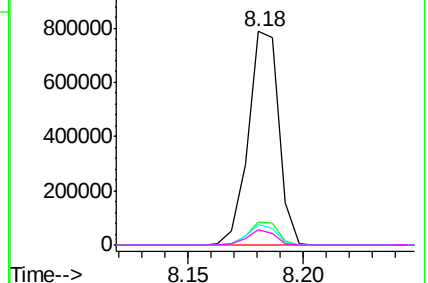


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.952 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100366.D

Acq: 10 Nov 2017 2:54

Instrument :

BNA_F

ClientSampleId :

EPE-120-5(25-27)

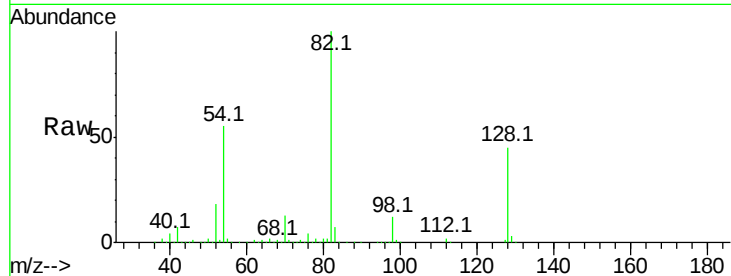
Tot Ion: 82 Resp: 729081

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

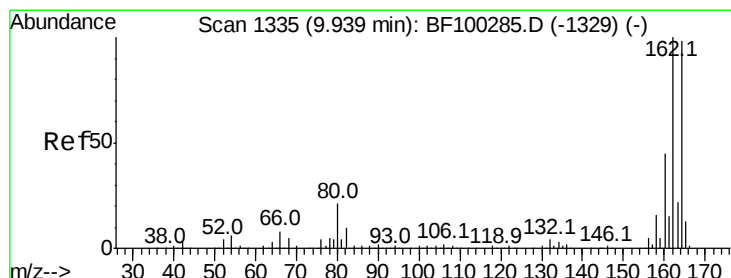
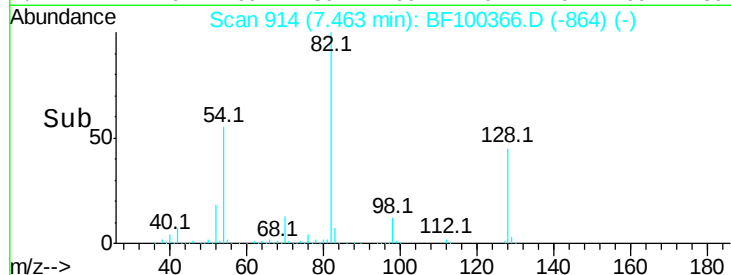
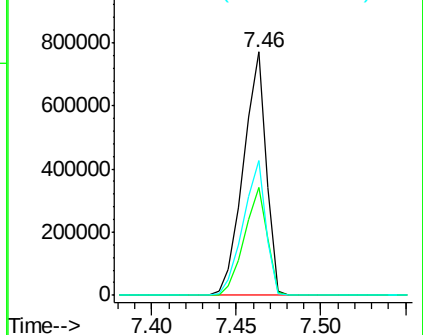
54 55.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF100366.D

Acq: 10 Nov 2017 2:54

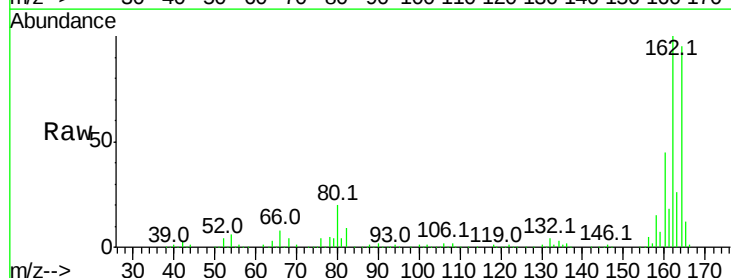
Tgt Ion:164 Resp: 321322

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

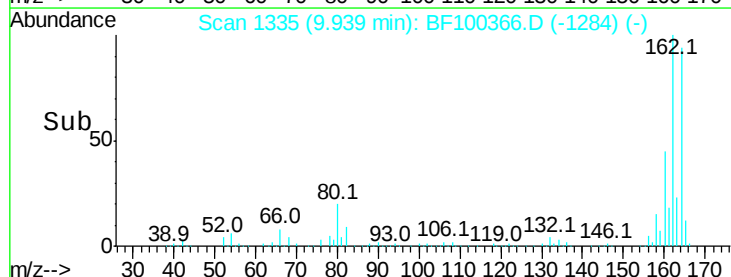
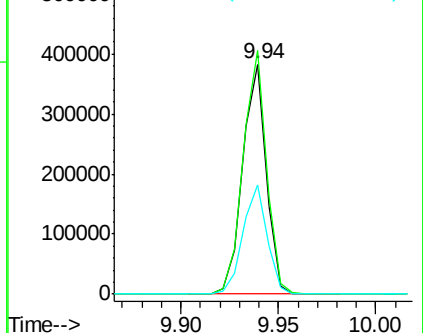
160 47.4 38.3 57.5



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

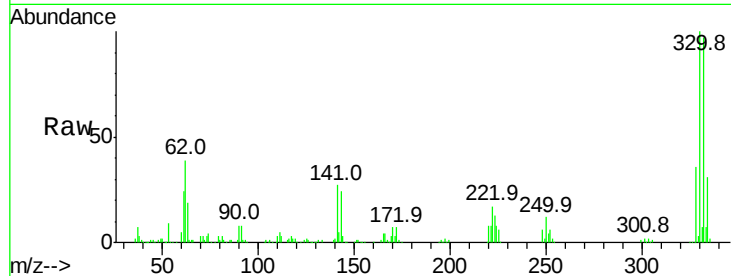




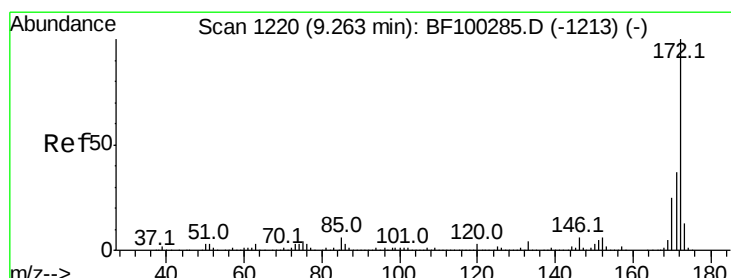
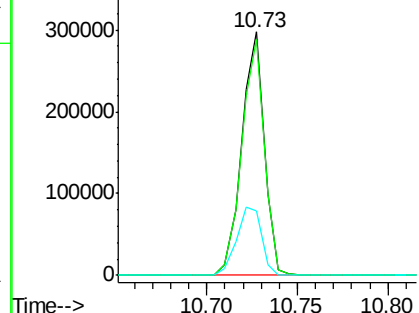
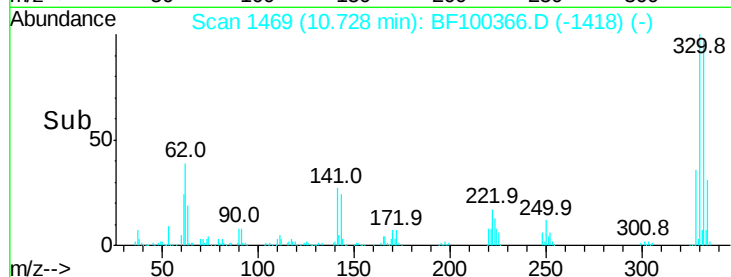
#41
 2,4,6-Tribromophenol
 Concen: 78.846 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100366.D
 Acq: 10 Nov 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-5(25-27)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	31.2	29.9	44.9

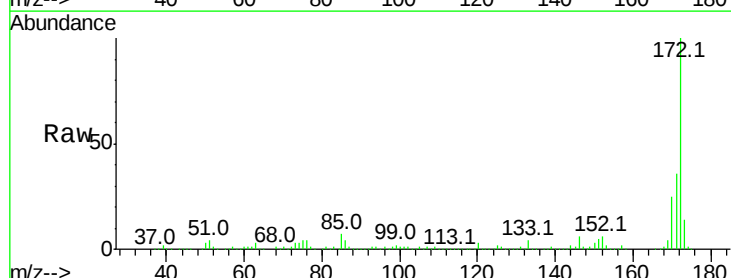


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

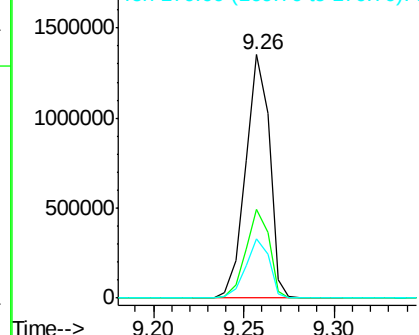
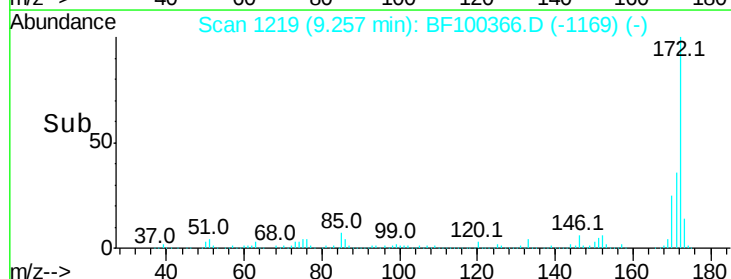


#44
 2-Fluorobiphenyl
 Concen: 58.538 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100366.D
 Acq: 10 Nov 2017 2:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	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

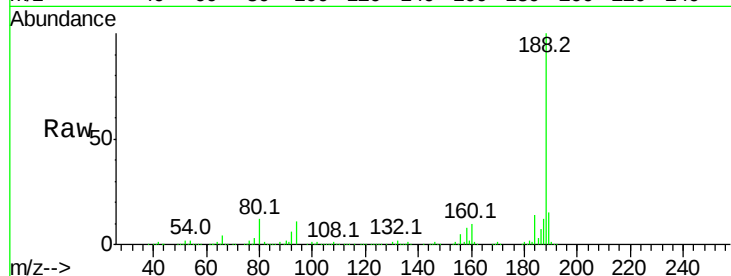




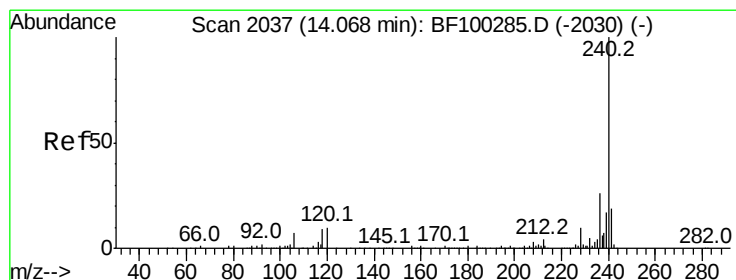
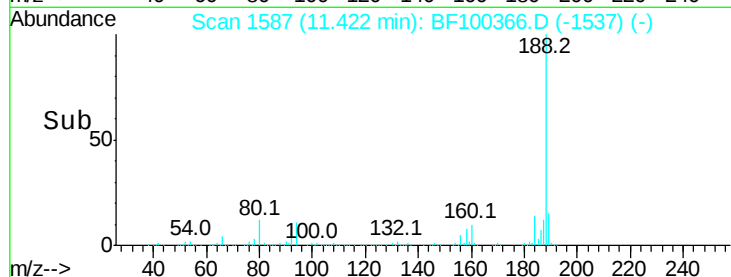
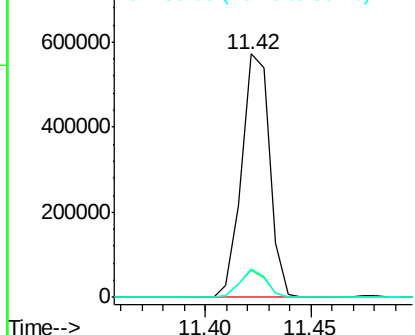
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100366.D
Acq: 10 Nov 2017 2:54

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(25-27)

Tot Ion:188 Resp: 526964
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8

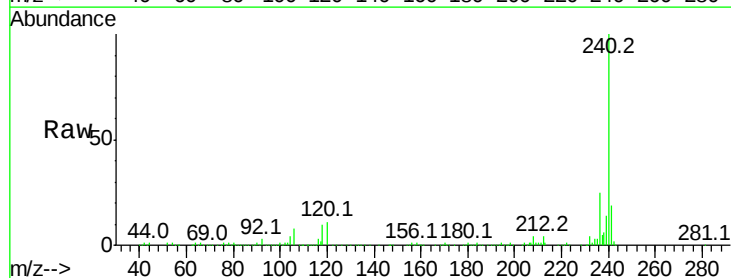


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

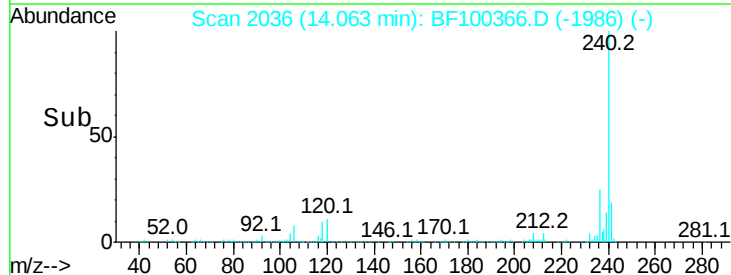
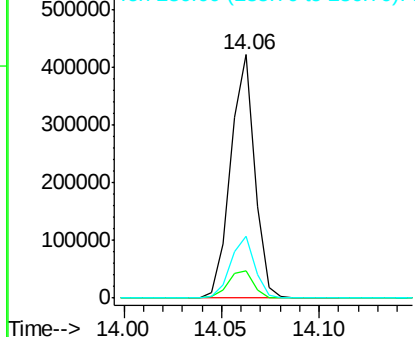


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100366.D
Acq: 10 Nov 2017 2:54

Tgt Ion:240 Resp: 361101
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.3 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





#78

Terphenyl-d14

Concen: 52.106 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100366.D

Acq: 10 Nov 2017 2:54

Instrument :

BNA_F

ClientSampleId :

EPE-120-5(25-27)

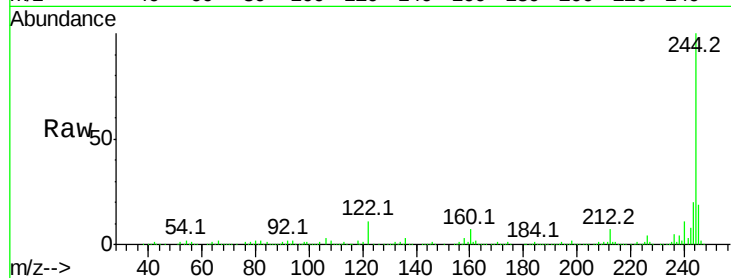
Tot Ion:244 Resp: 818882

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

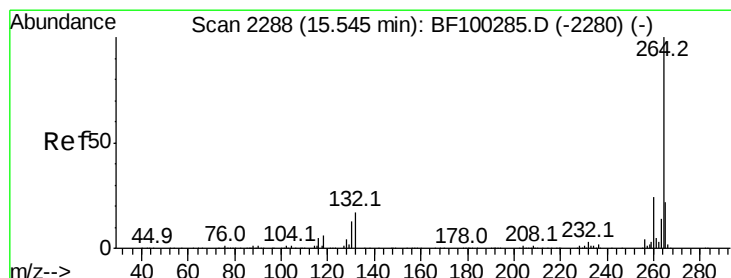
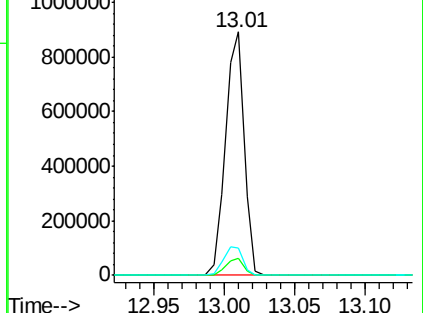
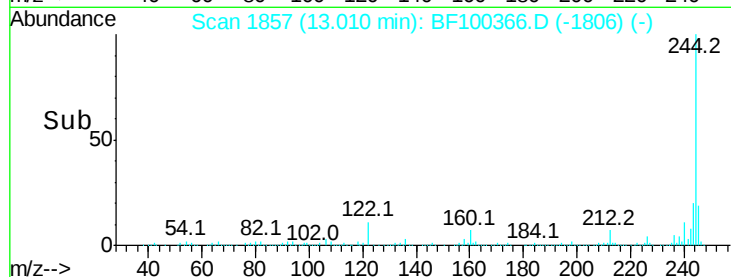
122 11.1 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100366.D

Acq: 10 Nov 2017 2:54

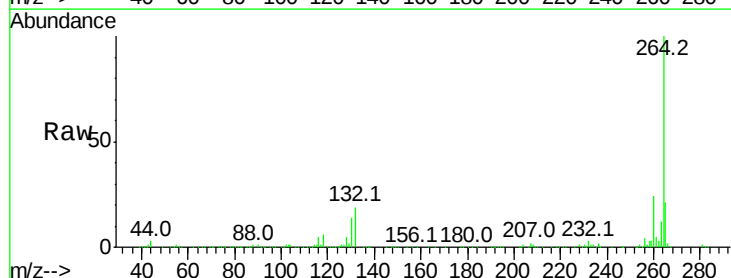
Tgt Ion:264 Resp: 368551

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.7 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

