

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100531.D
 Acq On : 14 Nov 2017 8:06
 Operator : SJ/JU
 Sample : I6307-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-A

Quant Time: Nov 14 10:59:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

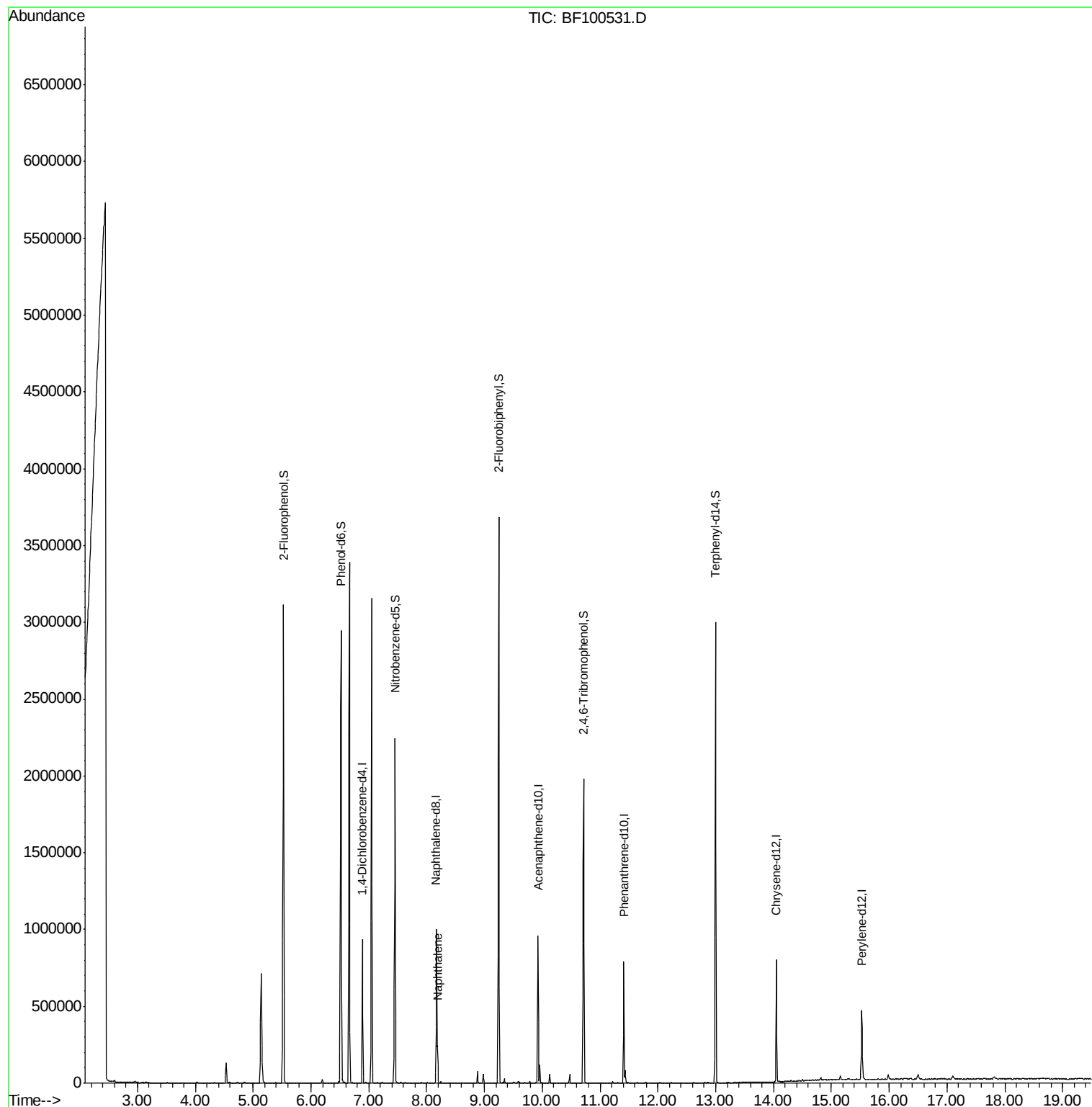
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123029	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	461116	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	180657	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	272746	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	253665	20.00	ng	-0.02
86) Perylene-d12	15.53	264	202624	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	984788	128.31	ng	0.02
7) Phenol-d6	6.52	99	1097317	115.94	ng	0.00
23) Nitrobenzene-d5	7.46	82	808055	115.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	240366	130.57	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1377654	116.12	ng	-0.01
78) Terphenyl-d14	13.00	244	1010071	91.49	ng	-0.01
Target Compounds						
31) Naphthalene	8.19	128	94935	4.274	ng	Qvalue 98

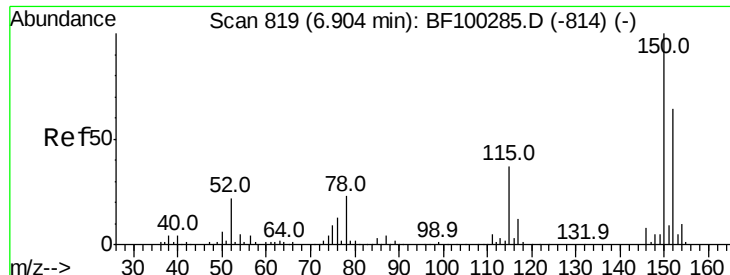
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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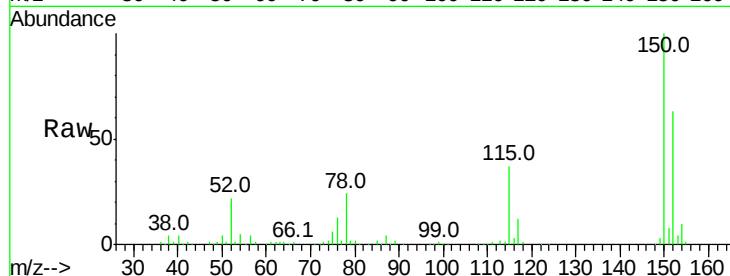


#1

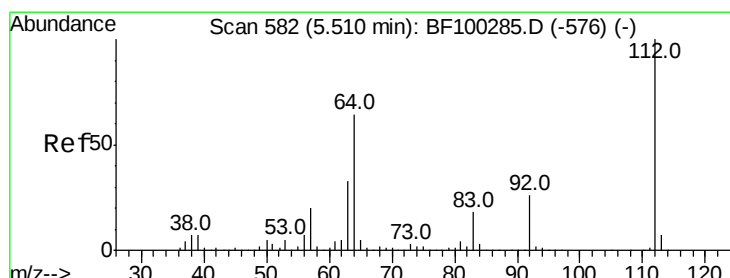
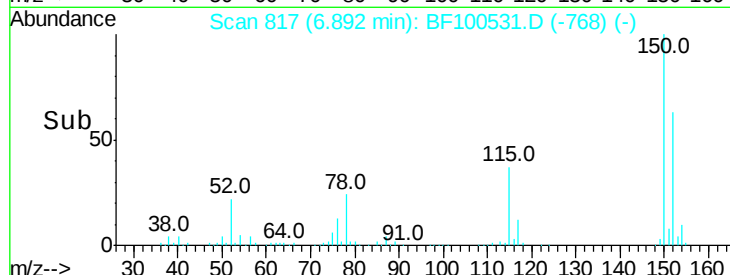
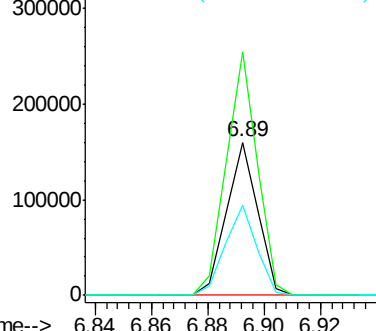
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100531.D
 Acq: 14 Nov 2017 8:06

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	58.8	50.1	75.1



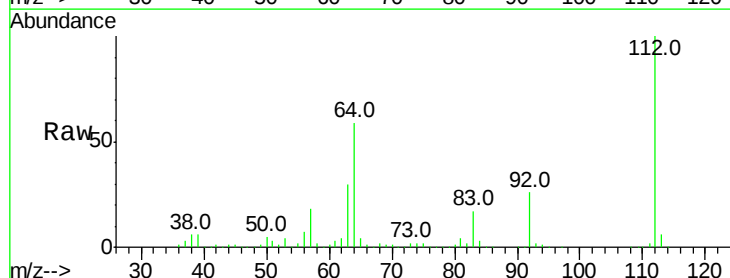
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



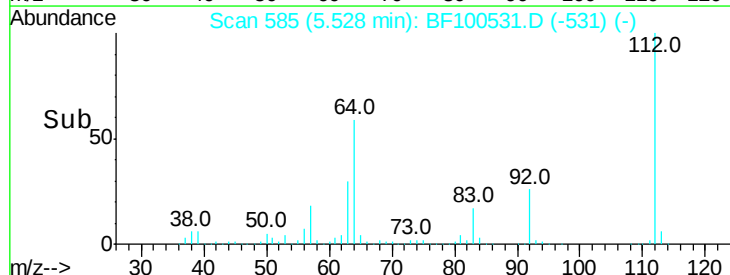
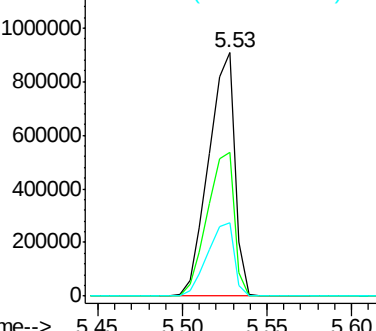
#5

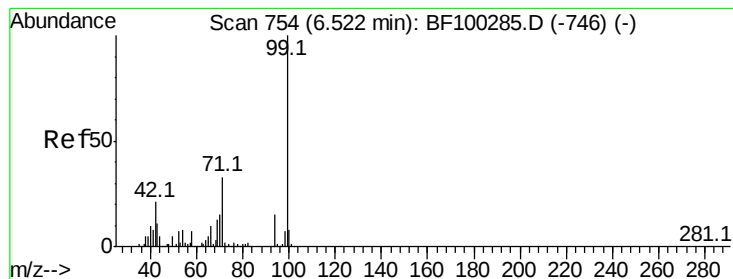
2-Fluorophenol
 Concen: 128.311 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.02 min
 Lab File: BF100531.D
 Acq: 14 Nov 2017 8:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.3	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: 115.943 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100531.D

Acq: 14 Nov 2017 8:06

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-A

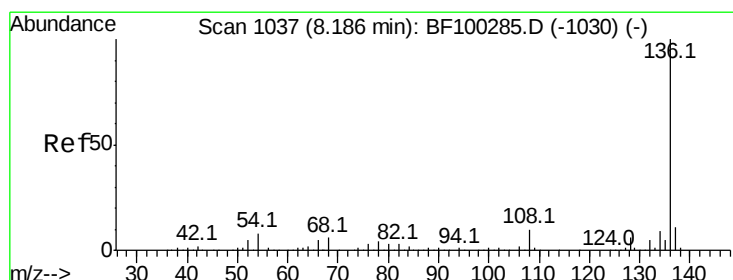
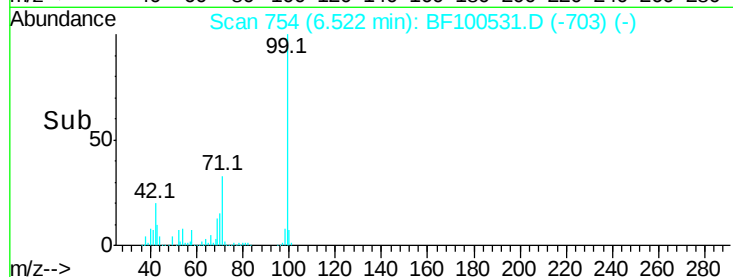
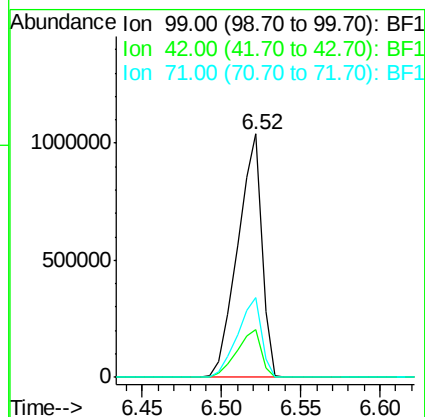
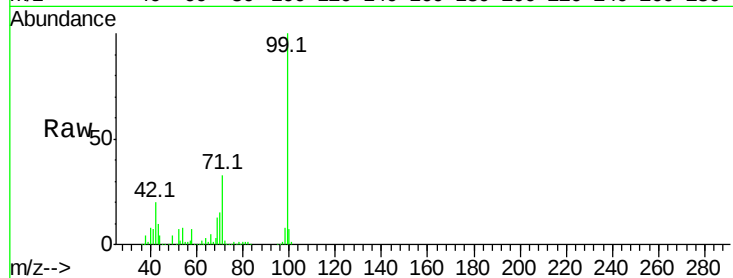
Tot Ion: 99 Resp: 1097317

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF100531.D

Acq: 14 Nov 2017 8:06

Tgt Ion: 136 Resp: 461116

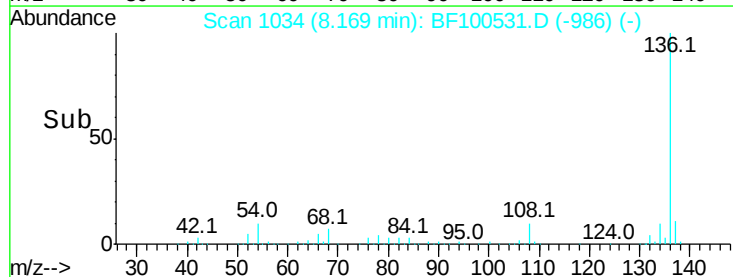
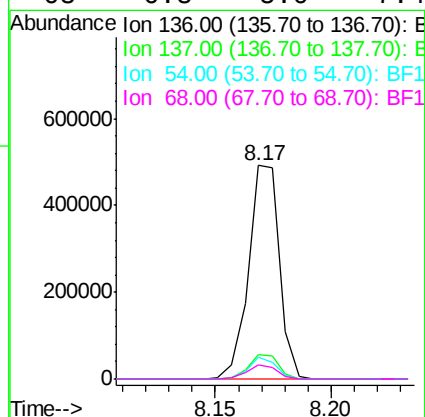
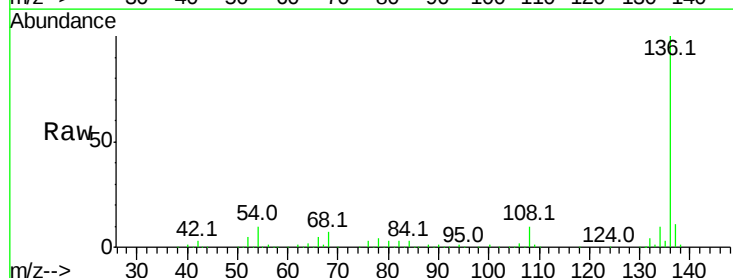
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.0 6.6 9.8#

68 6.8 5.0 7.4

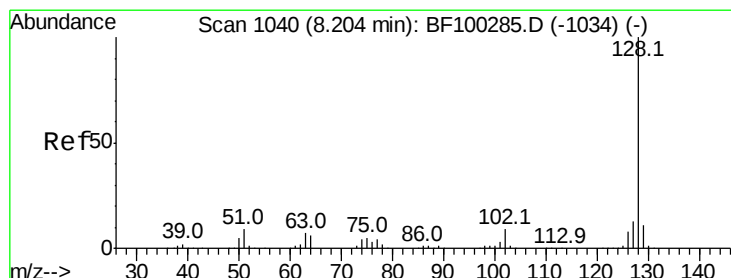
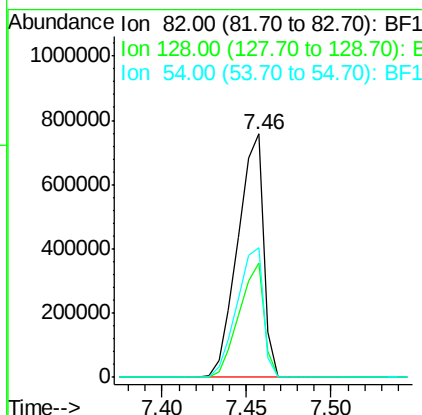
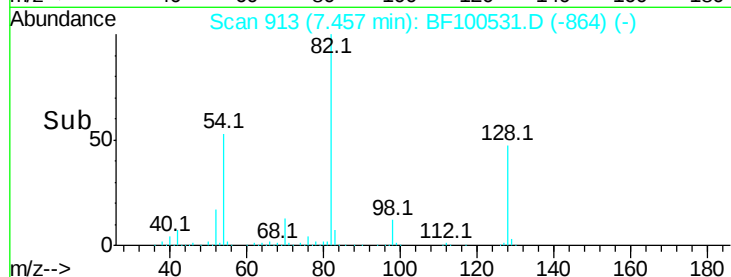
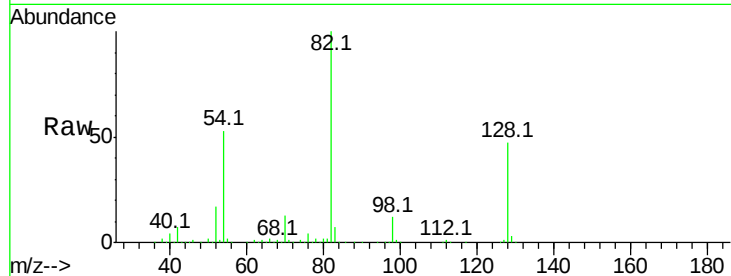




#23
Nitrobenzene-d5
Concen: 115.856 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100531.D
Acq: 14 Nov 2017 8:06

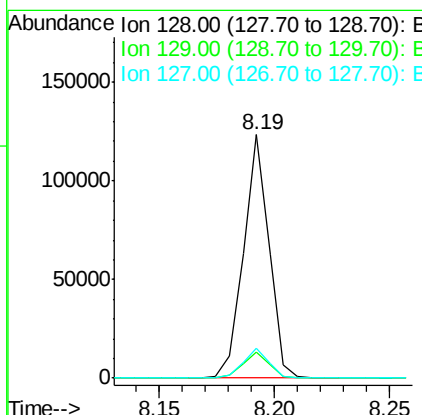
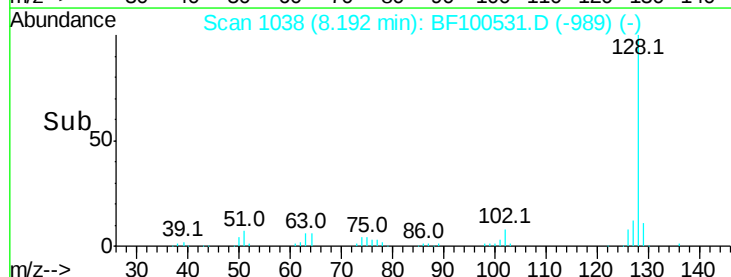
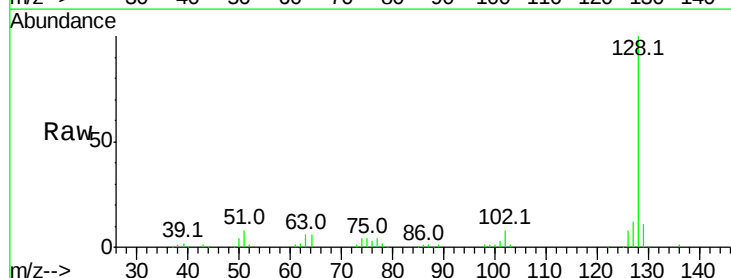
Instrument :
BNA_F
ClientSampleId :
EO-02-111017-A

Tot Ion: 82 Resp: 808055
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 53.3 41.4 62.2



#31
Naphthalene
Concen: 4.274 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100531.D
Acq: 14 Nov 2017 8:06

Tgt Ion: 128 Resp: 94935
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.2 10.9 16.3

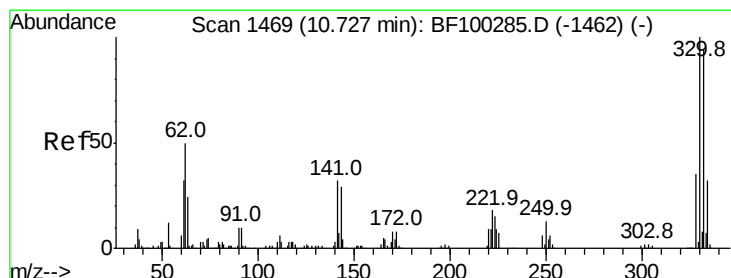
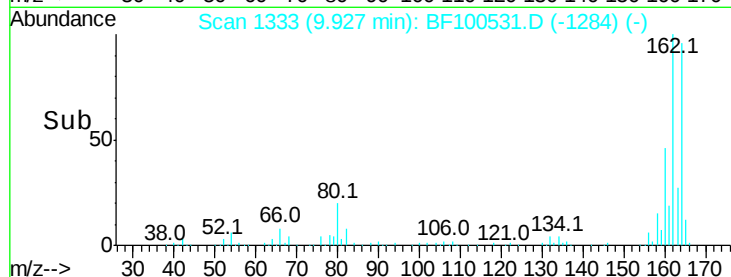
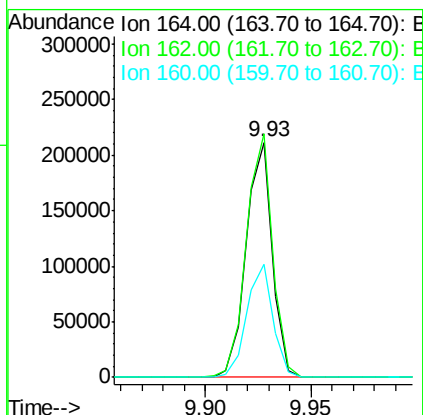
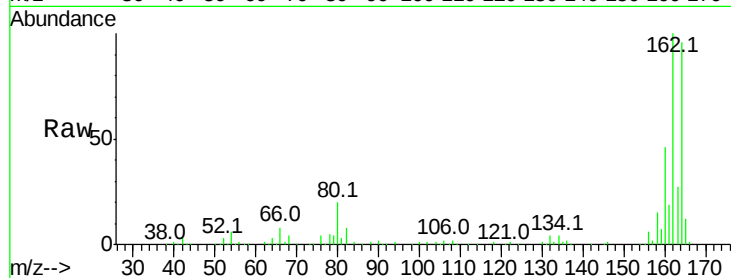




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100531.D
Acq: 14 Nov 2017 8:06

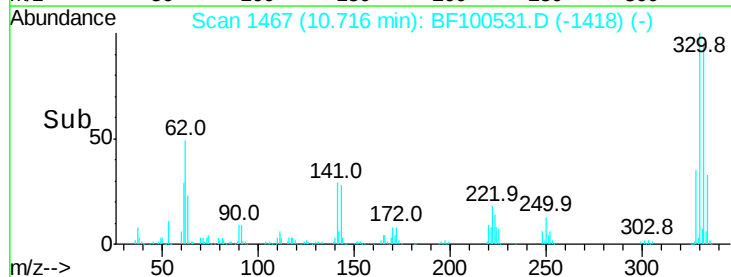
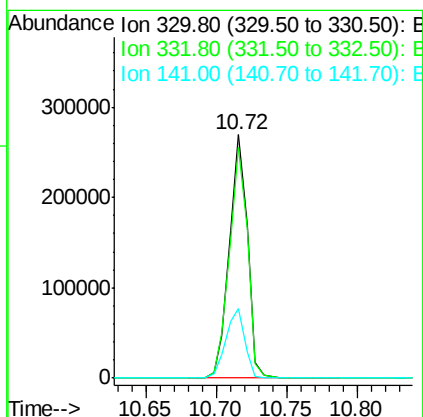
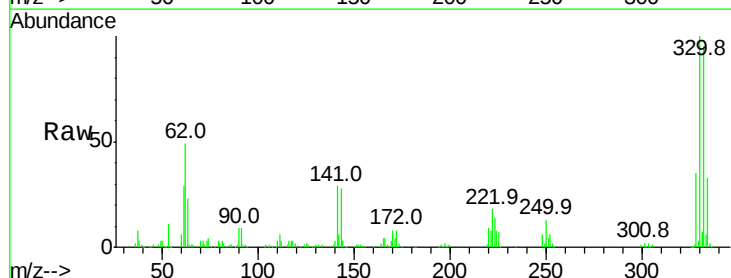
Instrument :
BNA_F
ClientSampleId :
EO-02-111017-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	48.0	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 130.570 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100531.D
Acq: 14 Nov 2017 8:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.8	29.9	44.9#



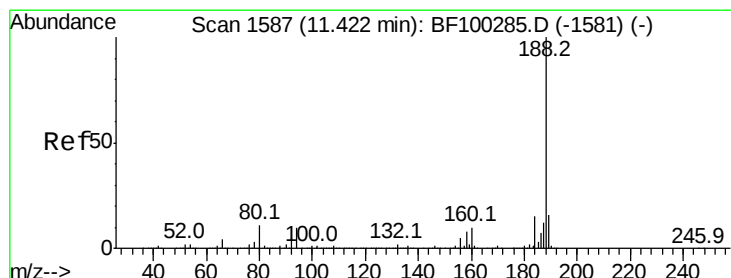
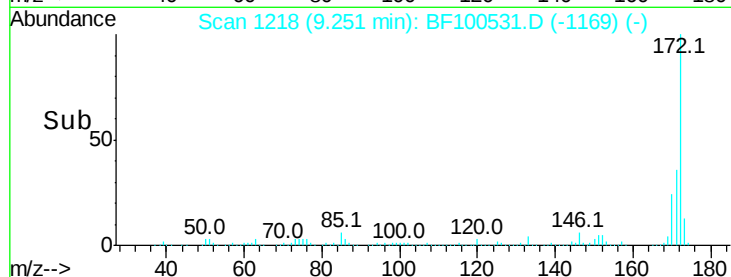
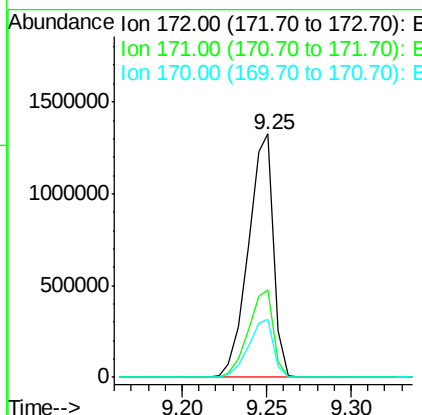
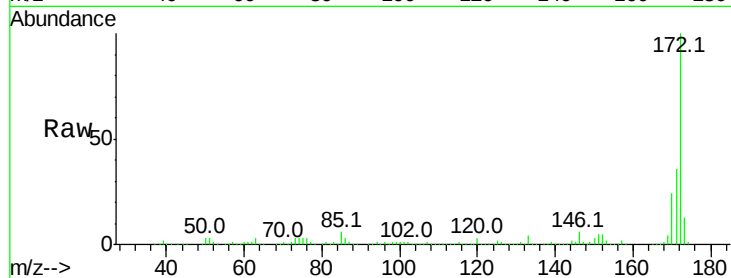


#44
 2-Fluorobiphenyl
 Concen: 116.119 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100531.D
 Acq: 14 Nov 2017 8:06

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-A

Tot Ion:172 Resp: 1377654

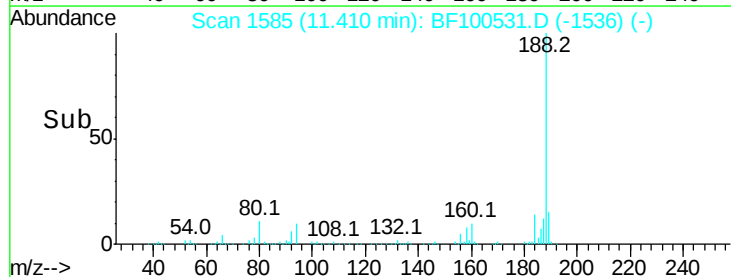
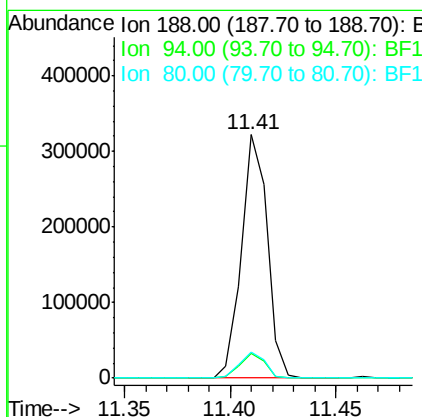
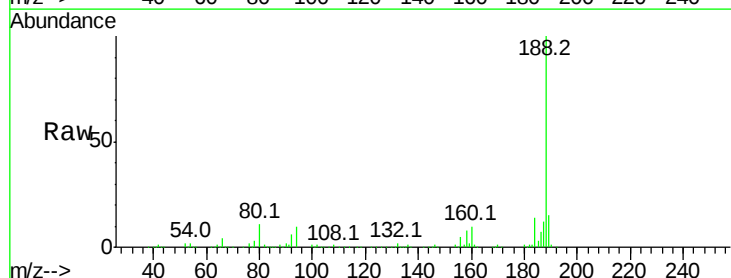
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

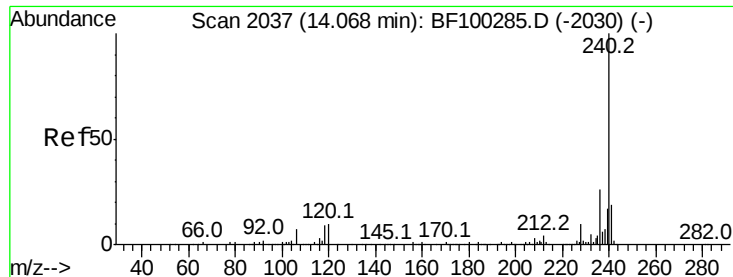


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF100531.D
 Acq: 14 Nov 2017 8:06

Tgt Ion:188 Resp: 272746

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100531.D

Acq: 14 Nov 2017 8:06

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-A

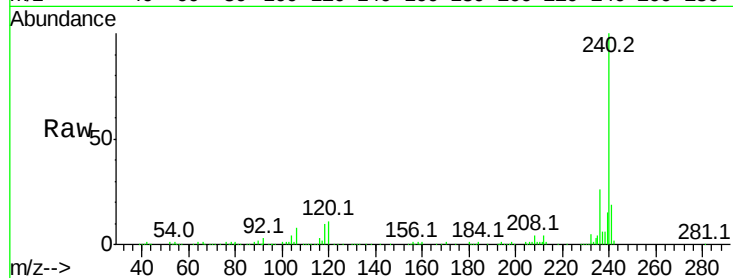
Tot Ion:240 Resp: 253665

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

236 26.3 20.7 31.1

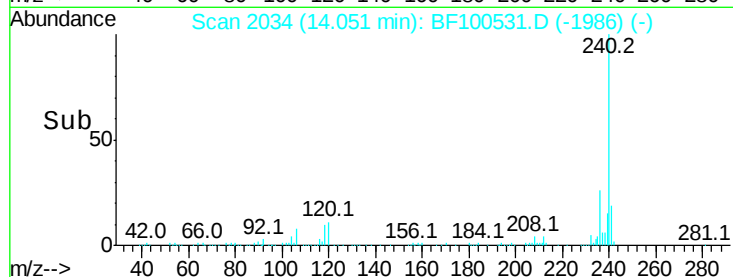


Abundance Ion 240.00 (239.70 to 240.70): E

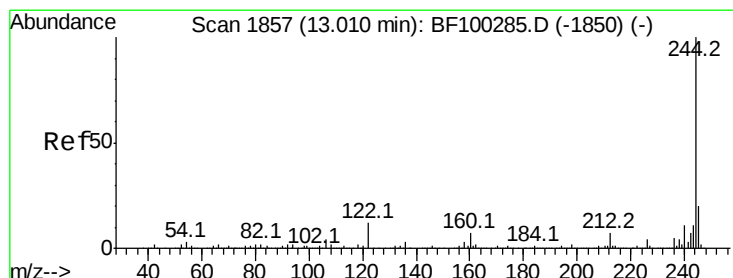
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.05



Time-->



#78

Terphenyl-d14

Concen: 91.493 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF100531.D

Acq: 14 Nov 2017 8:06

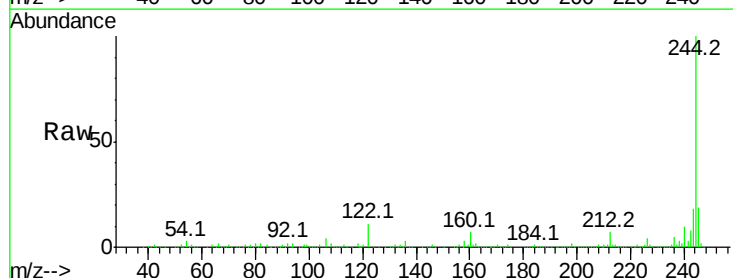
Tgt Ion:244 Resp: 1010071

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 11.3 11.0 16.4

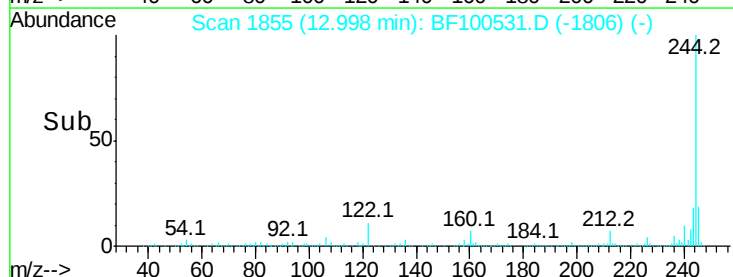


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.00



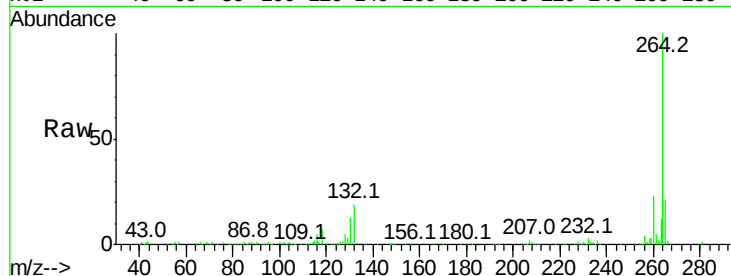
Time-->



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BF100531.D
 Acq: 14 Nov 2017 8:06

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	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

