

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100712.D
 Acq On : 18 Nov 2017 10:24
 Operator : SJ/JU
 Sample : I6309-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

Quant Time: Nov 20 03:57:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	94584	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	364523	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	155092	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	246757	20.00	ng	0.00
75) Chrysene-d12	14.04	240	210453	20.00	ng	0.00
86) Perylene-d12	15.52	264	171055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	577424	97.86	ng	0.02
7) Phenol-d6	6.51	99	617978	84.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	476337	86.39	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	173605	109.85	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	940307	92.32	ng	0.00
78) Terphenyl-d14	12.99	244	717387	78.32	ng	0.00

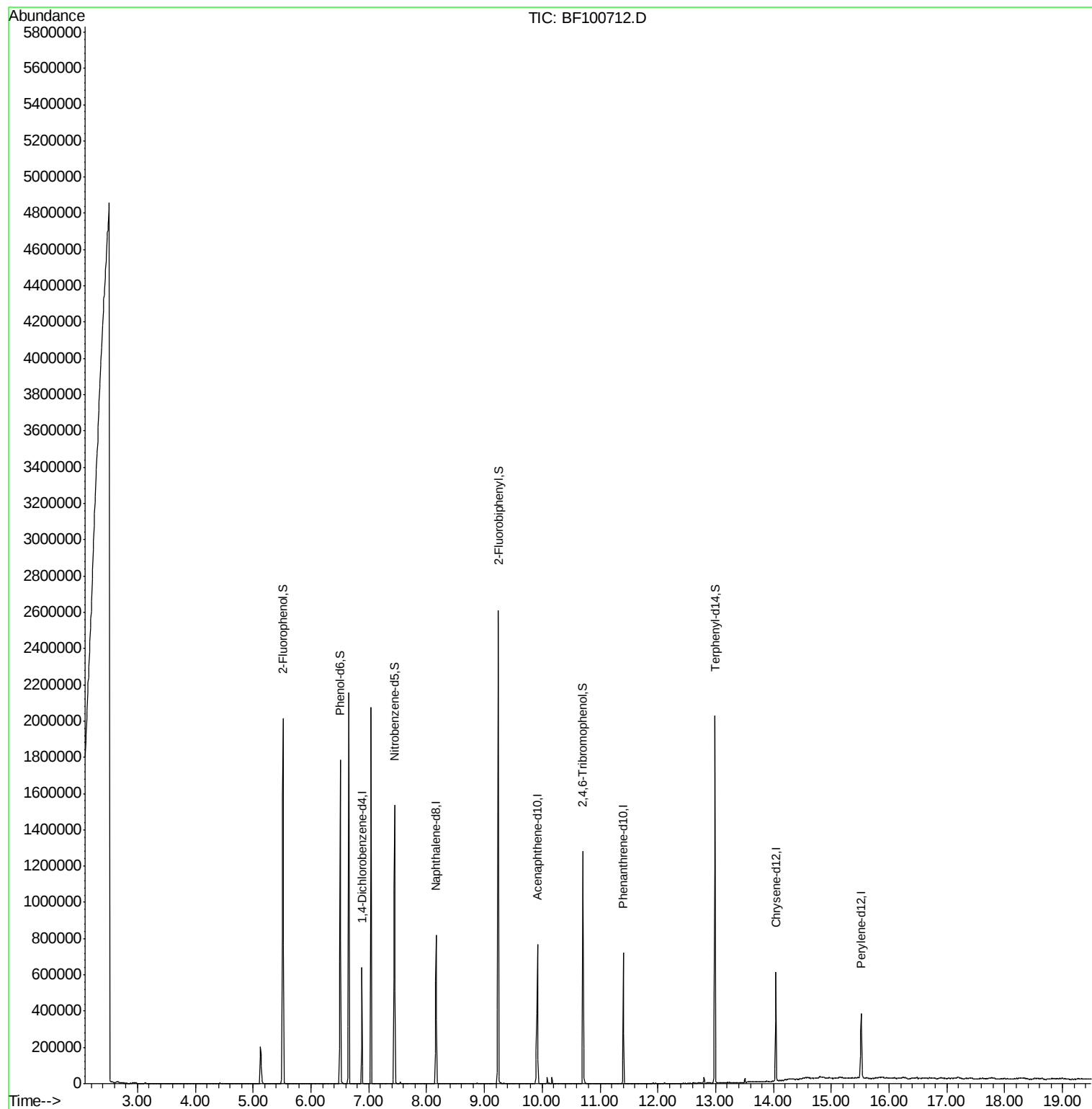
Target Compounds Qvalue

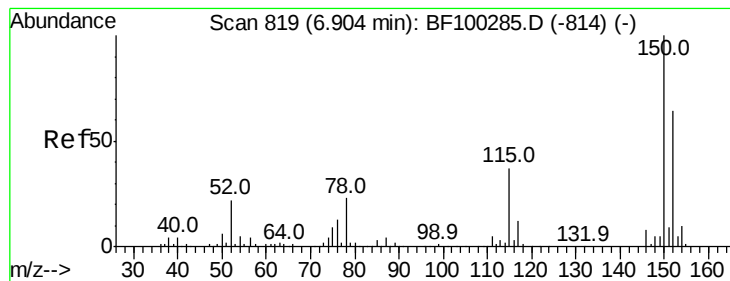
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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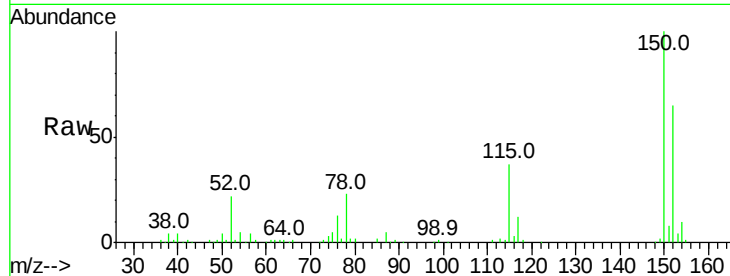


#1

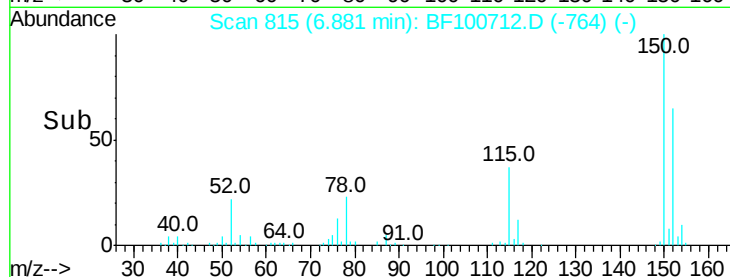
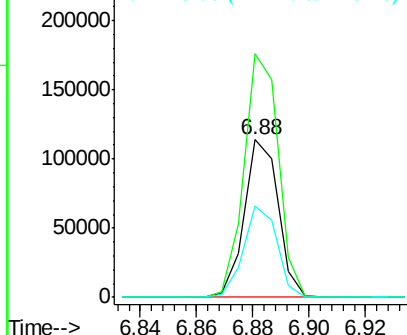
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

Tot Ion:152 Resp: 94584
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 57.8 50.1 75.1



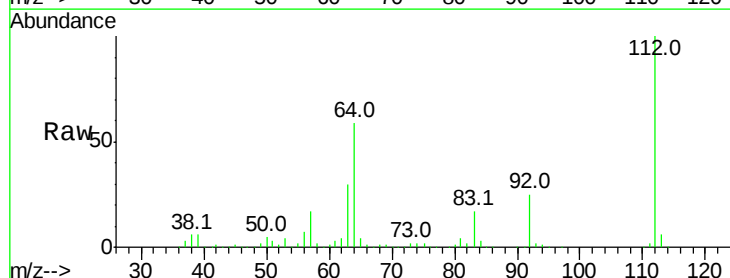
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



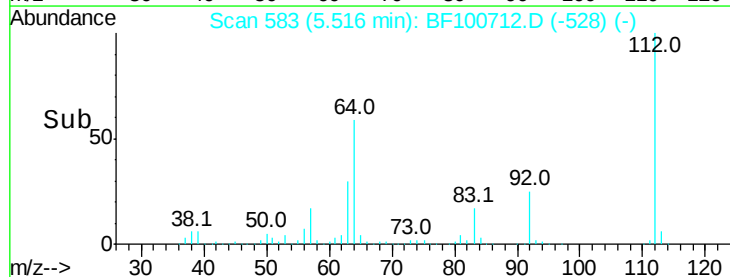
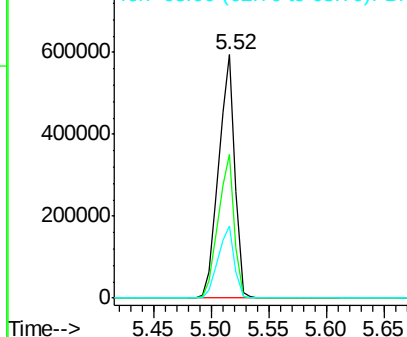
#5

2-Fluorophenol
 Concen: 97.860 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Tgt Ion:112 Resp: 577424
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 29.7 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: 84.933 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

BU-02-111517

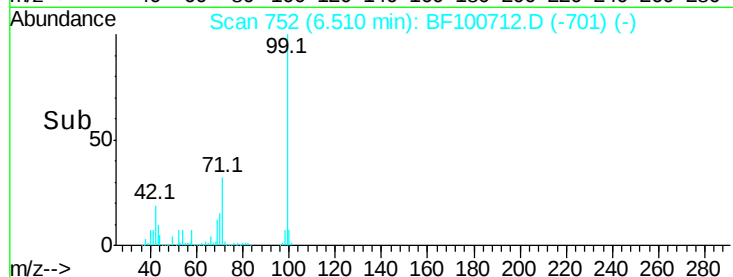
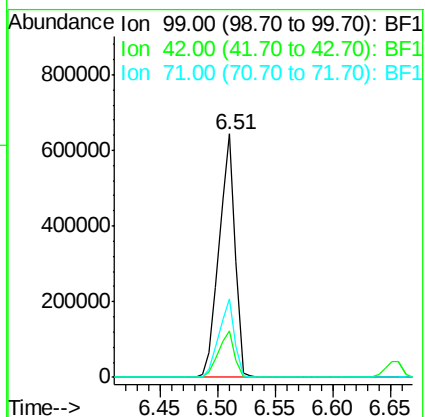
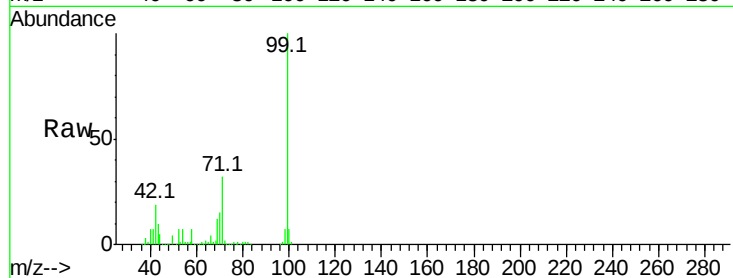
Tot Ion: 99 Resp: 617978

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

Tgt Ion: 136 Resp: 364523

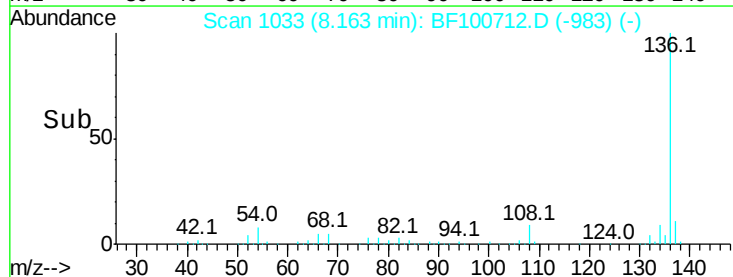
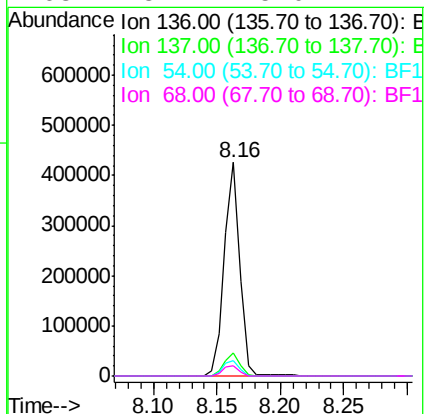
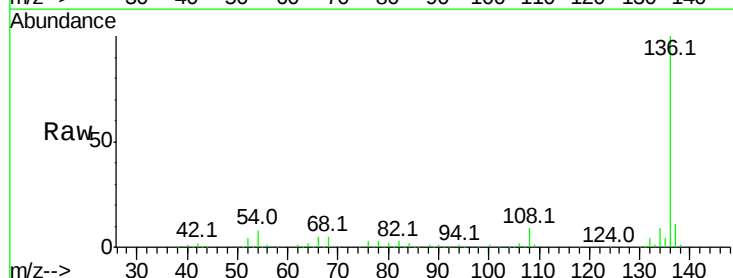
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 5.1 5.0 7.4

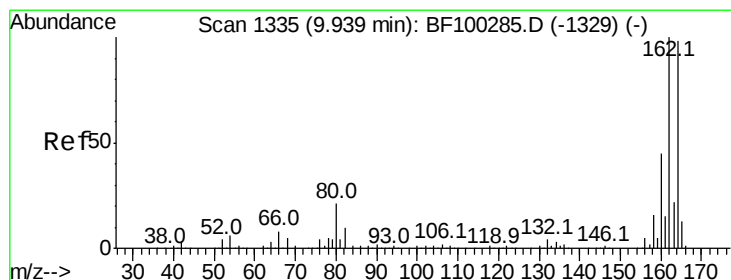
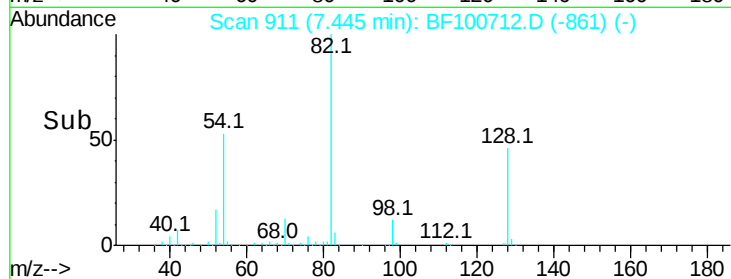
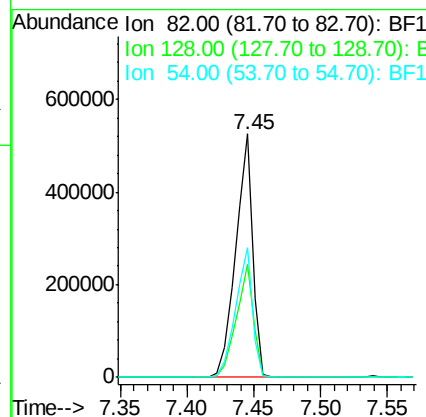
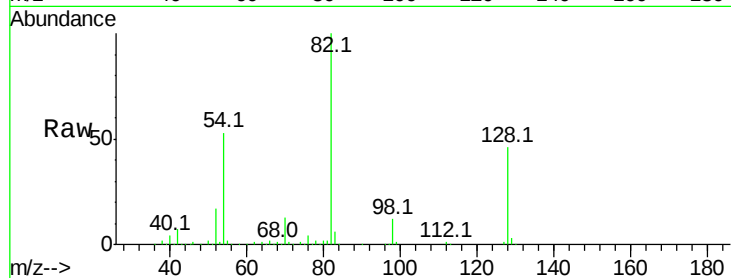




#23
Nitrobenzene-d5
Concen: 86.393 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100712.D
Acq: 18 Nov 2017 10:24

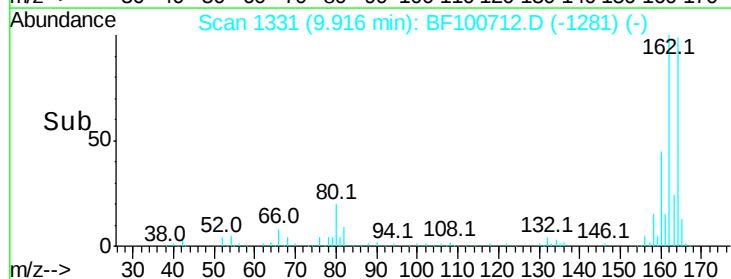
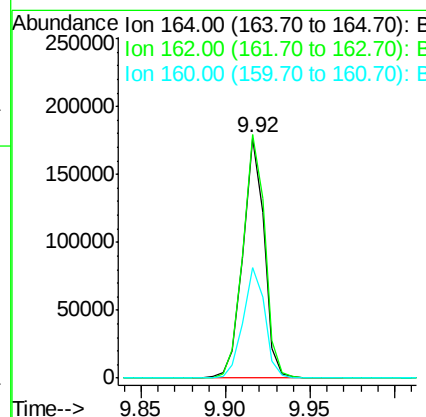
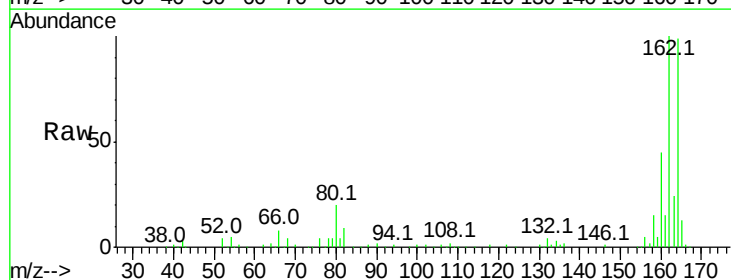
Instrument :
BNA_F
ClientSampleId :
BU-02-111517

Tot Ion	82	Resp	476337
Ion Ratio	100	Lower	Upper
128	46.4	36.1	54.1
54	53.0	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100712.D
Acq: 18 Nov 2017 10:24

Tgt Ion	164	Resp	155092
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.4	86.1	129.1
160	46.0	38.3	57.5

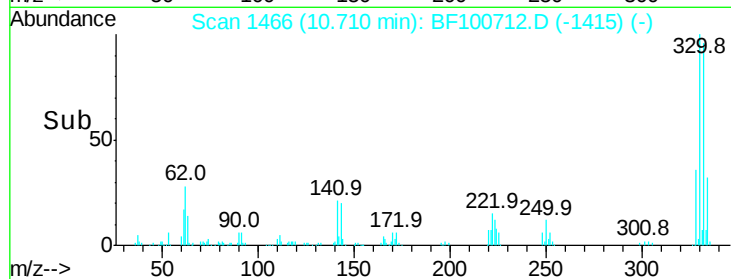
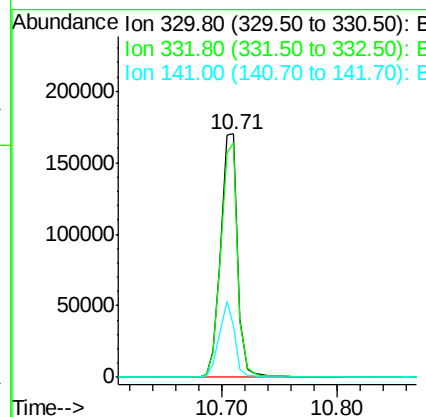
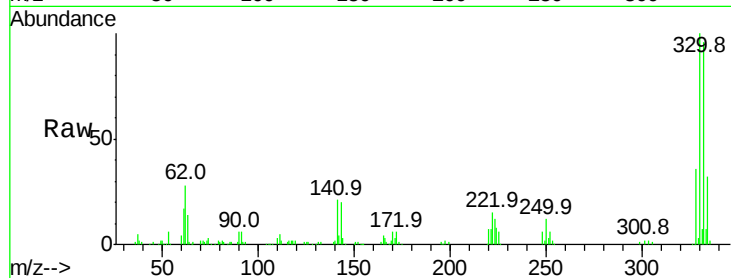




#41
 2,4,6-Tribromophenol
 Concen: 109.850 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

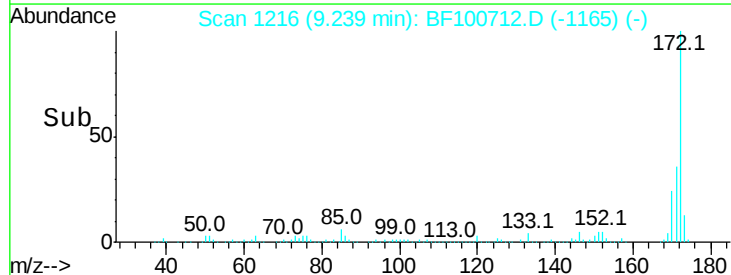
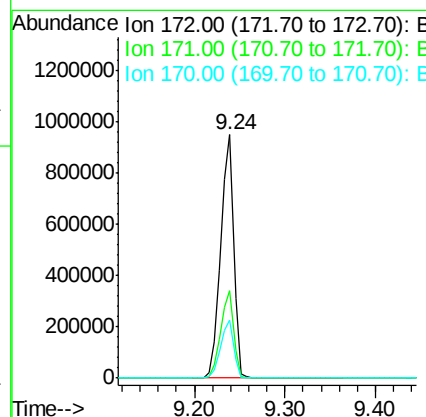
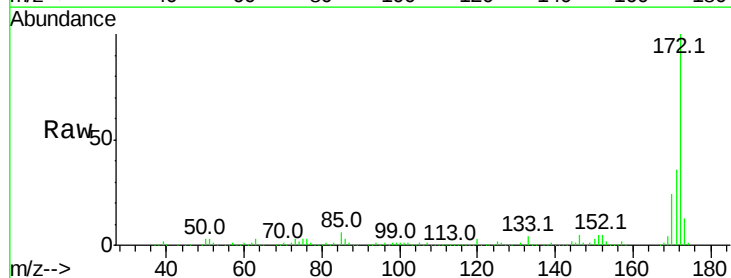
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111517

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	27.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 92.320 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100712.D
 Acq: 18 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

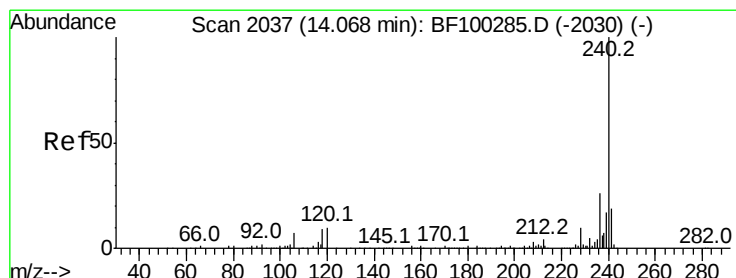
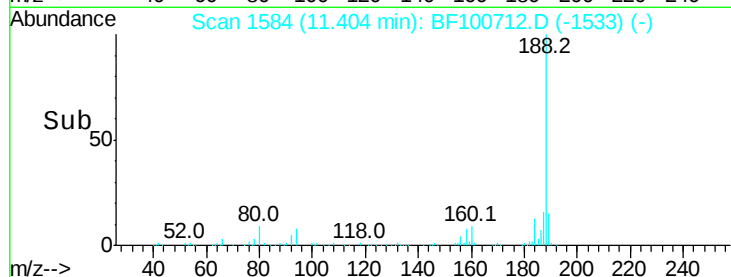
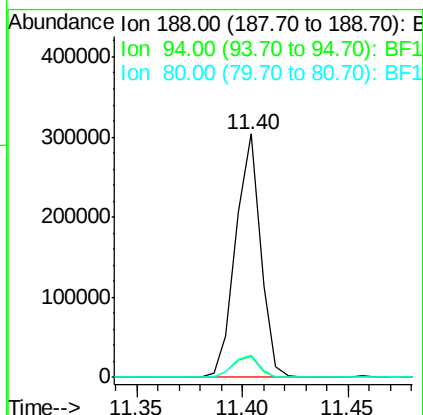
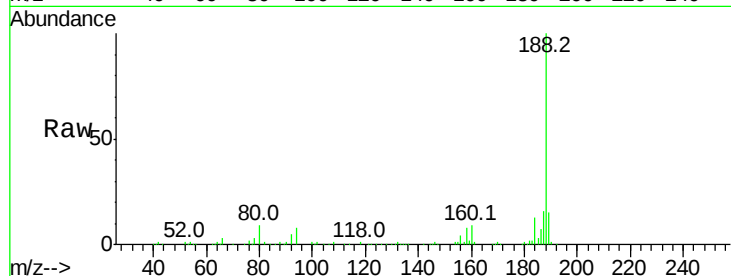




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100712.D
Acq: 18 Nov 2017 10:24

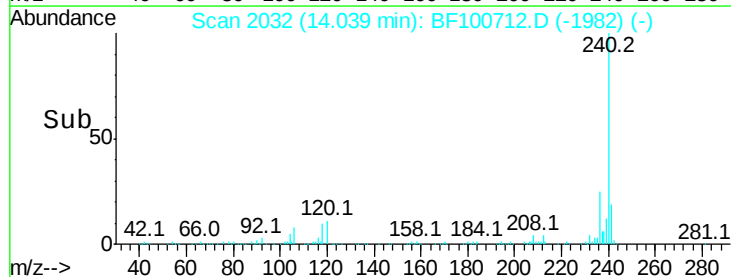
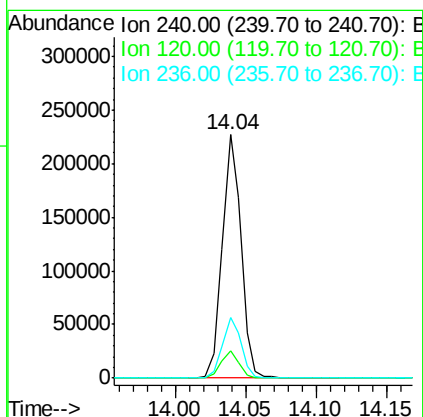
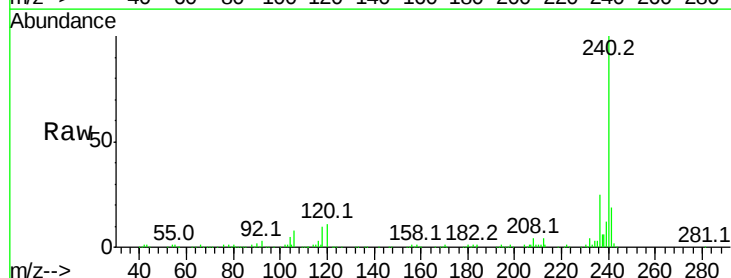
Instrument :
BNA_F
ClientSampleId :
BU-02-111517

Tot Ion:188 Resp: 246757
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100712.D
Acq: 18 Nov 2017 10:24

Tgt Ion:240 Resp: 210453
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 78.324 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

BU-02-111517

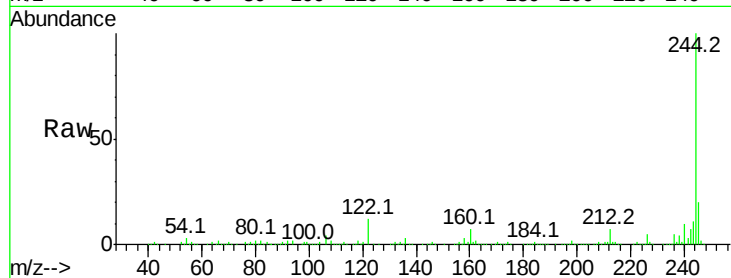
Tot Ion:244 Resp: 717387

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

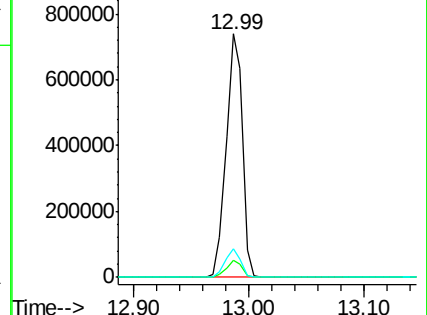
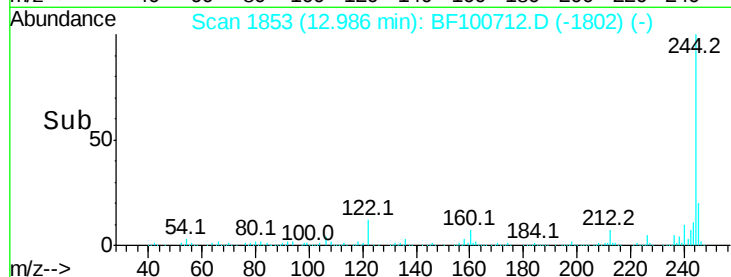
122 11.8 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100712.D

Acq: 18 Nov 2017 10:24

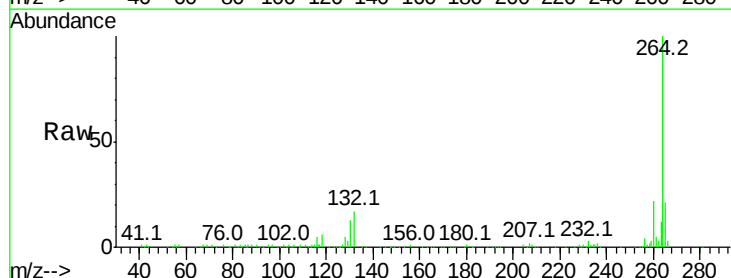
Tgt Ion:264 Resp: 171055

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 20.5 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

