

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100620.D
 Acq On : 16 Nov 2017 10:24
 Operator : SJ/JU
 Sample : PB104249BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104249BL

Quant Time: Nov 16 13:02:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	112843	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	446487	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	214041	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	423715	20.00	ng	0.00
75) Chrysene-d12	14.04	240	350721	20.00	ng	0.00
86) Perylene-d12	15.51	264	250246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	709842	100.84	ng	0.01
7) Phenol-d6	6.51	99	853337	98.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	536491	79.44	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	222347	101.94	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1047156	74.50	ng	0.00
78) Terphenyl-d14	12.99	244	1065253	69.79	ng	0.00

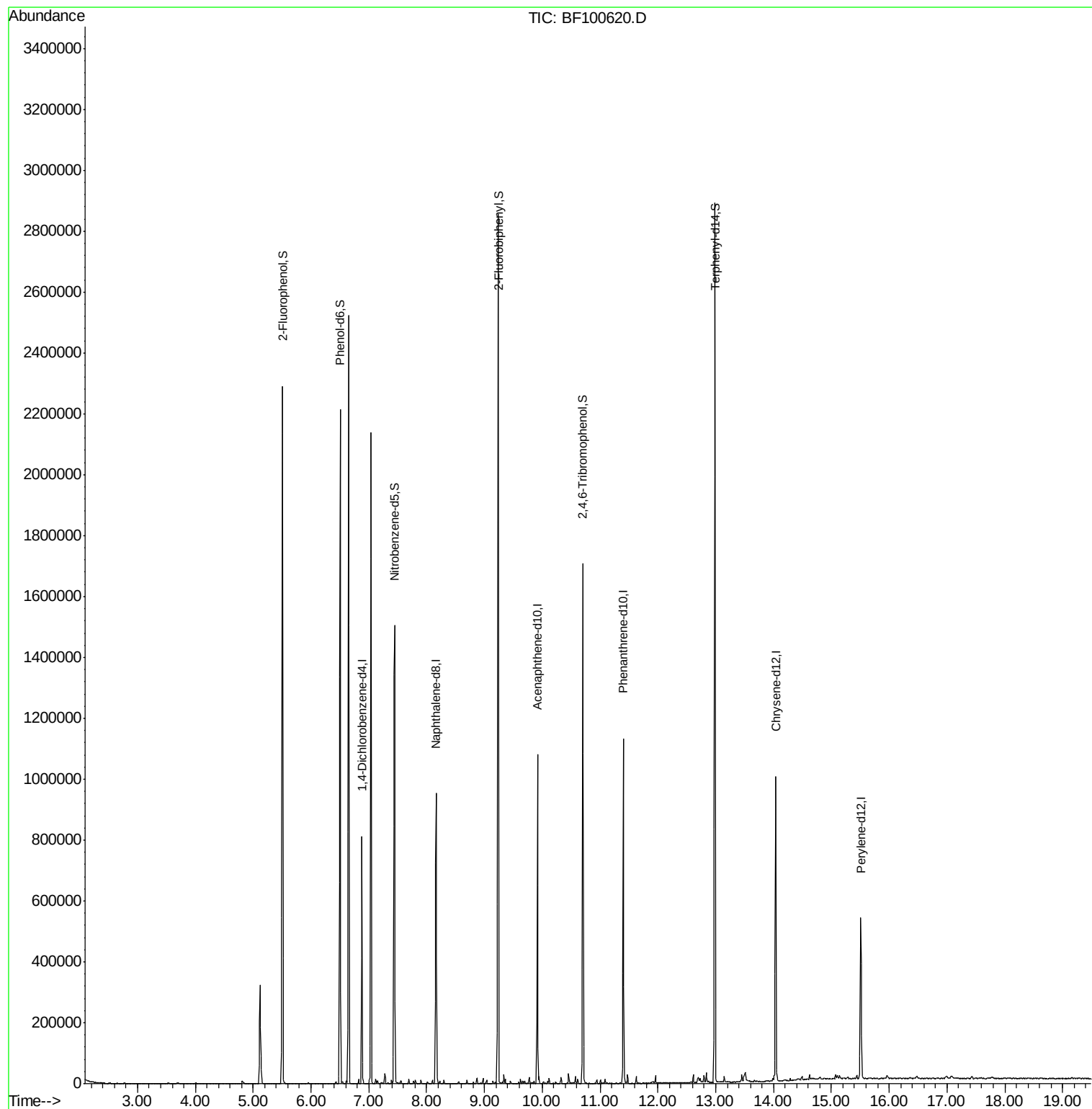
Target Compounds Qvalue

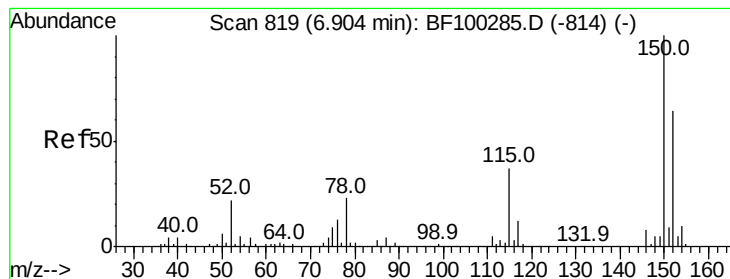
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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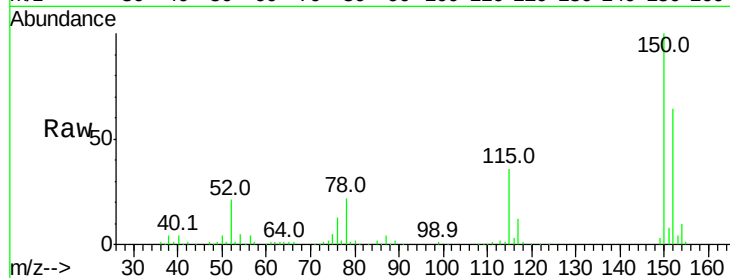


#1

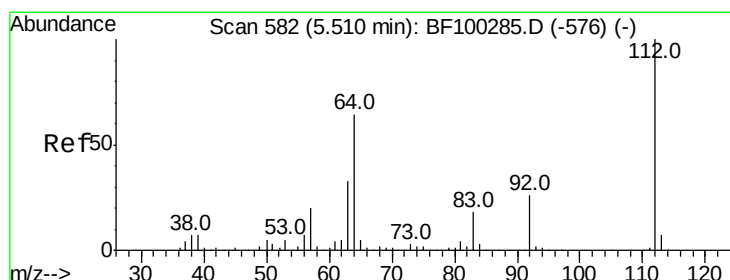
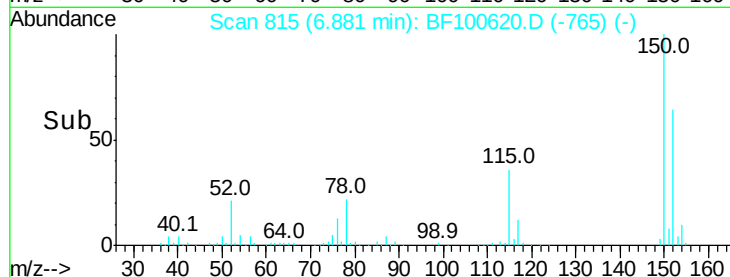
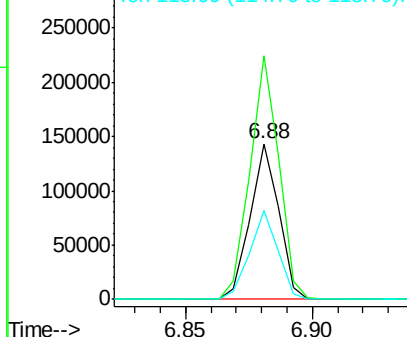
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

Instrument :
BNA_F
ClientSampleId :
PB104249BL

Tot Ion:152 Resp: 112843
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 56.9 50.1 75.1



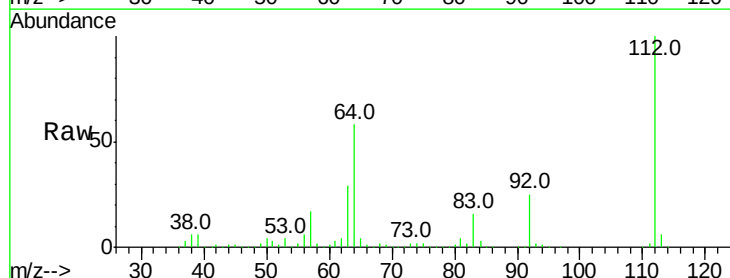
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



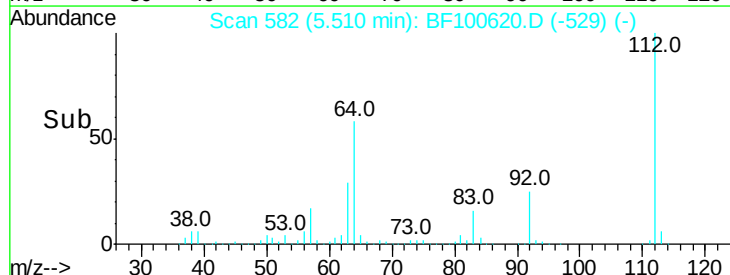
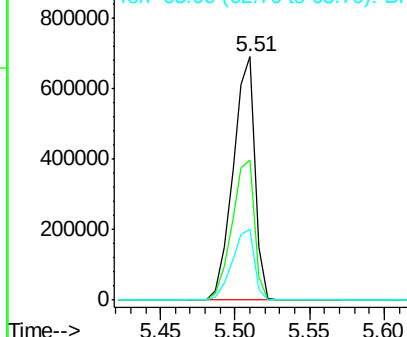
#5

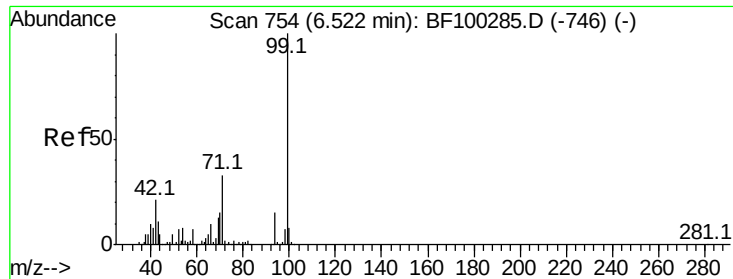
2-Fluorophenol
Concen: 100.836 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

Tgt Ion:112 Resp: 709842
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.9 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: 98.303 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100620.D

Acq: 16 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104249BL

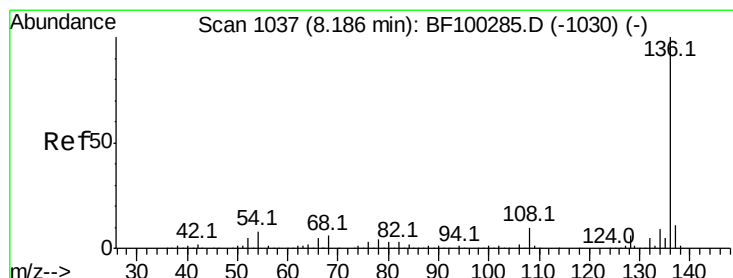
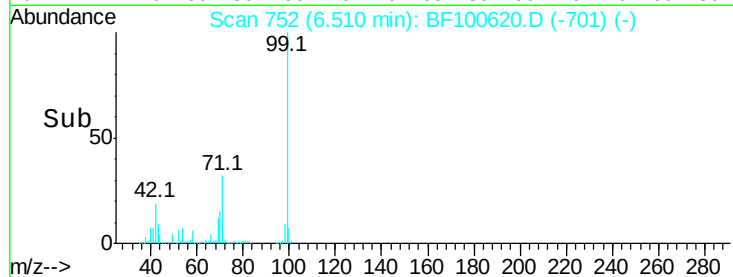
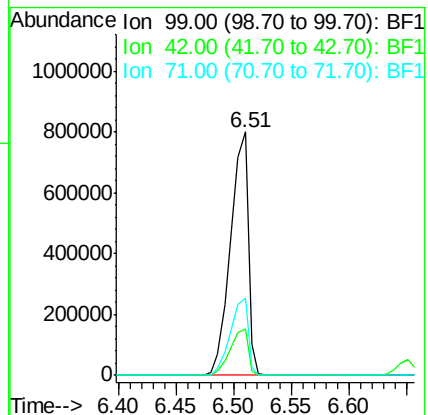
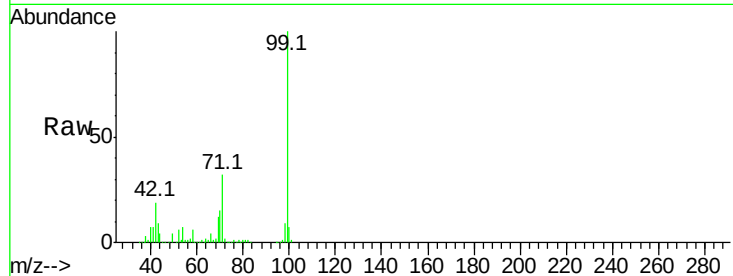
Tot Ion: 99 Resp: 853337

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 31.5 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: BF100620.D

Acq: 16 Nov 2017 10:24

Tgt Ion: 136 Resp: 446487

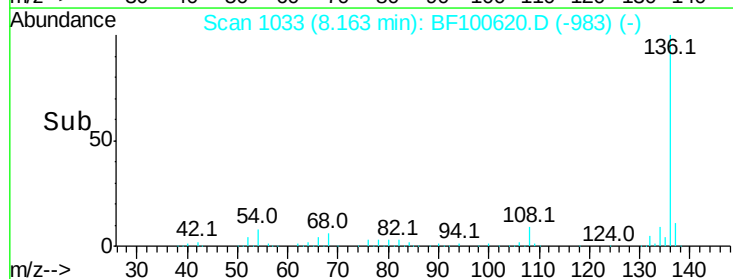
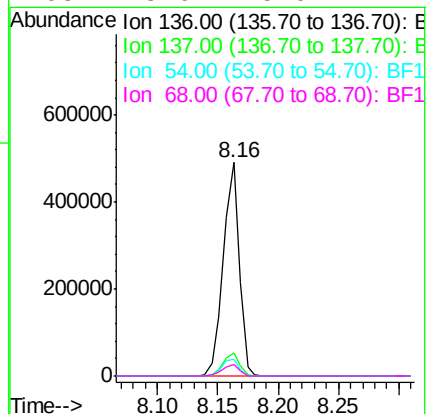
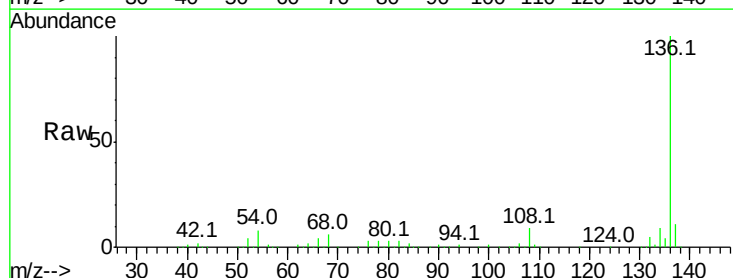
Ion Ratio Lower Upper

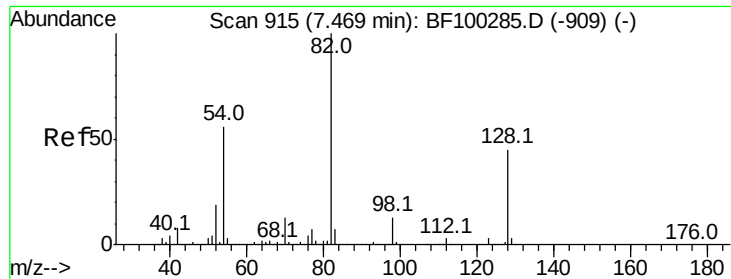
136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.6 5.0 7.4

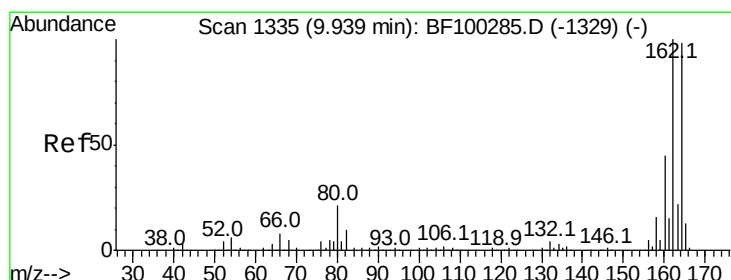
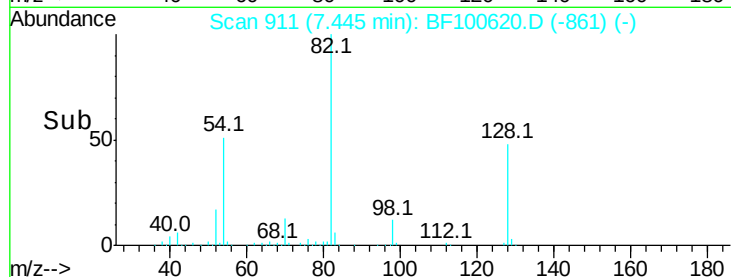
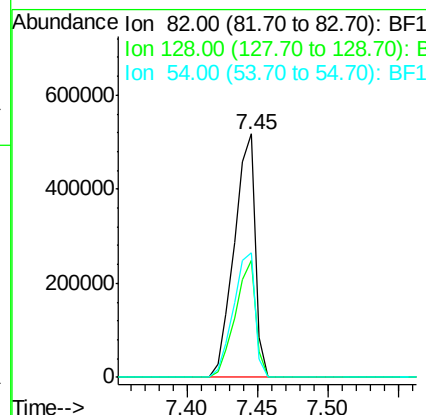
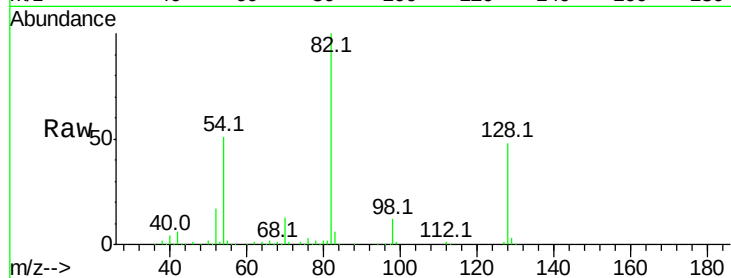




#23
Nitrobenzene-d5
Concen: 79.441 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

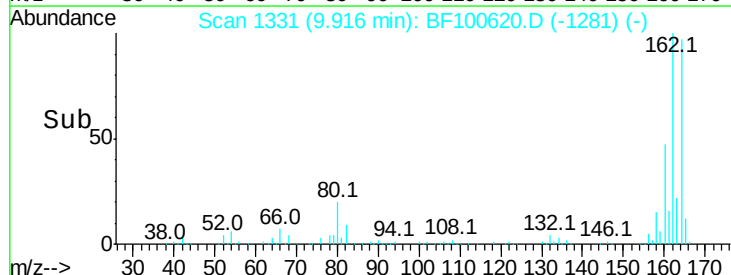
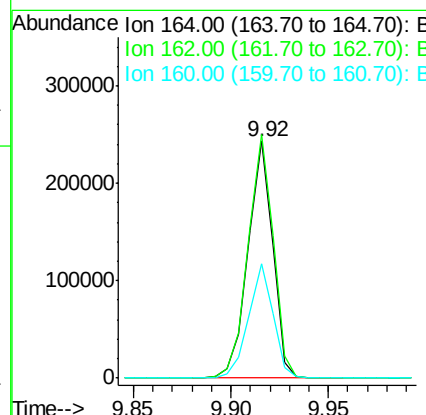
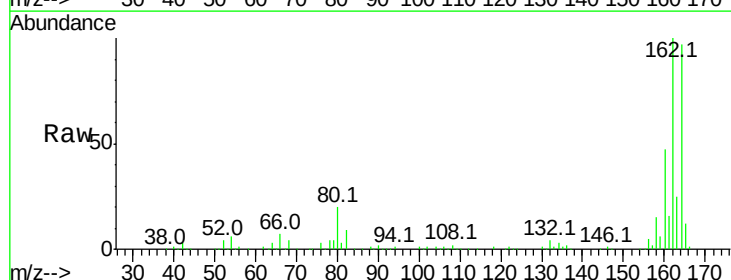
Instrument :
BNA_F
ClientSampleId :
PB104249BL

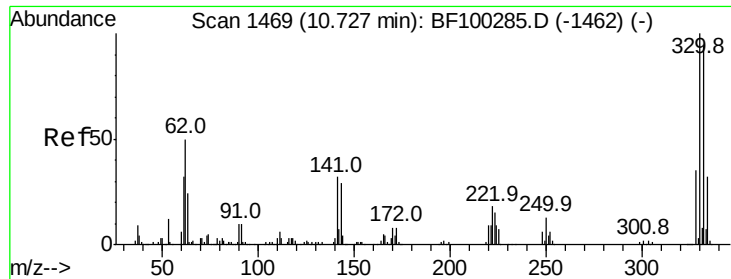
Tot Ion: 82 Resp: 536491
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 51.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

Tgt Ion: 164 Resp: 214041
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 48.2 38.3 57.5

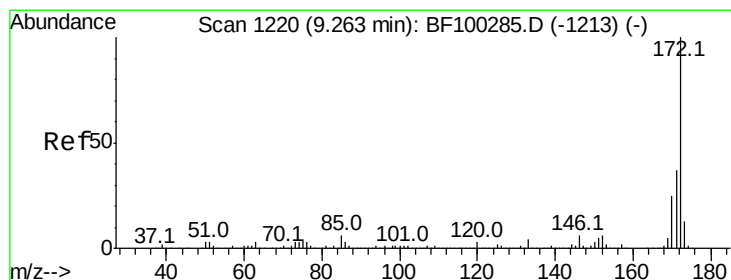
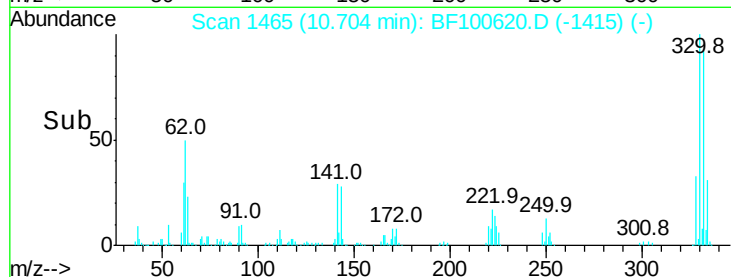
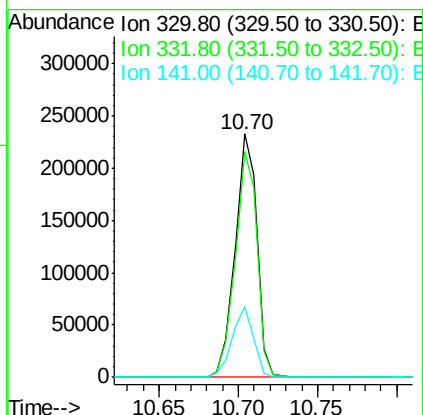
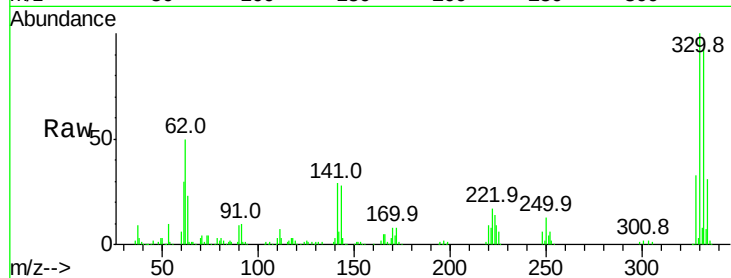




#41
 2,4,6-Tribromophenol
 Concen: 101.944 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

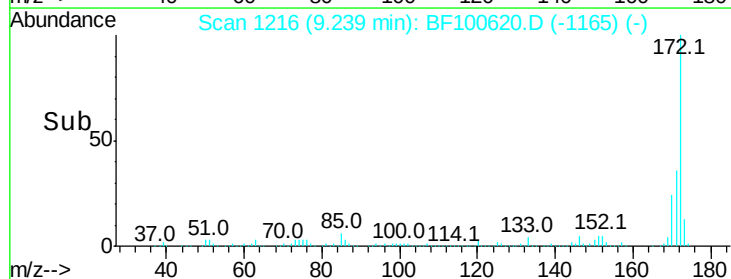
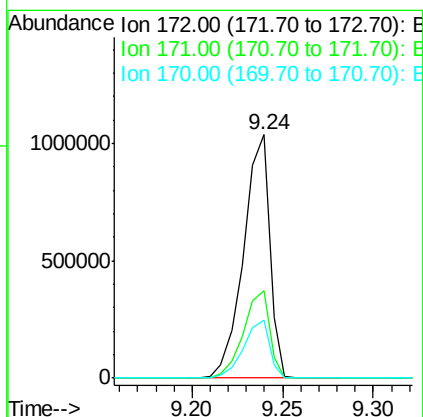
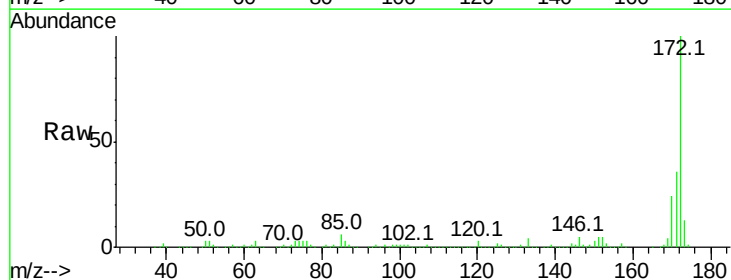
Instrument :
 BNA_F
 ClientSampleId :
 PB104249BL

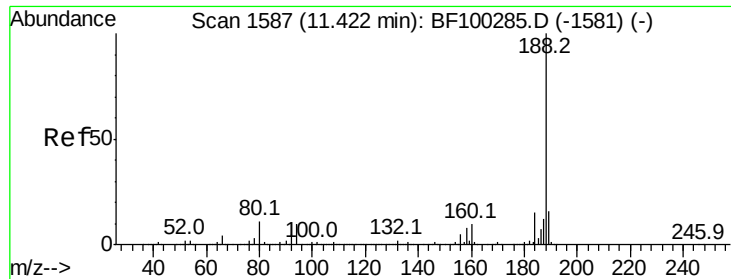
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	28.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 74.496 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100620.D
 Acq: 16 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

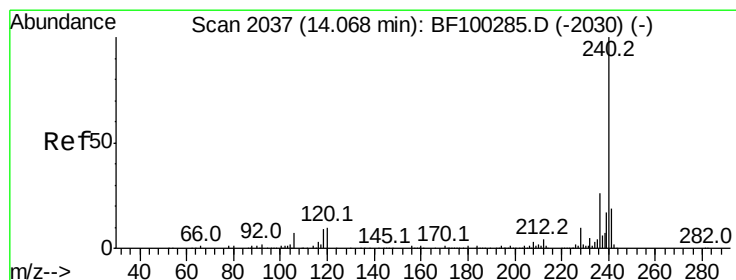
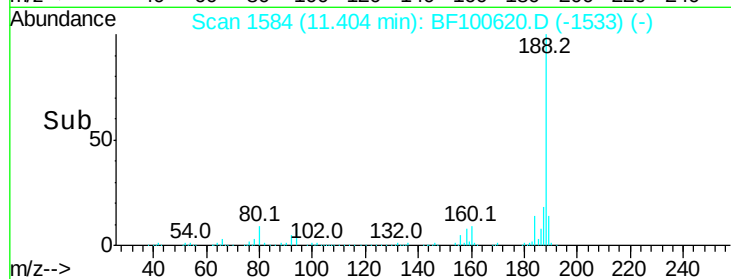
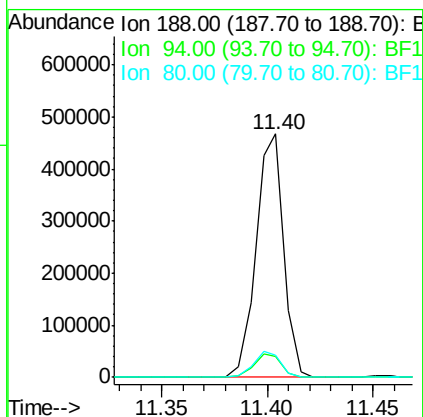
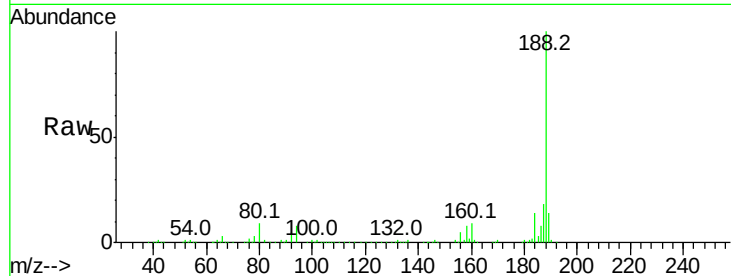




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

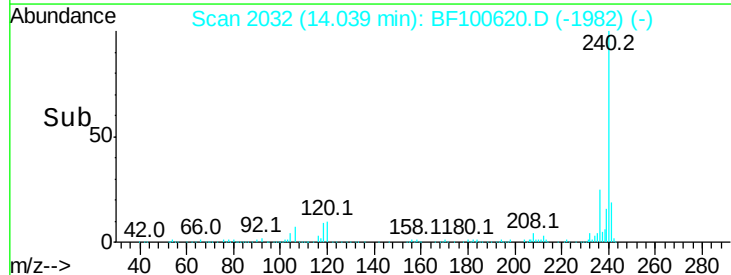
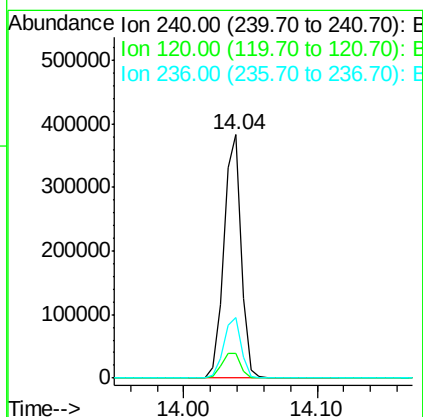
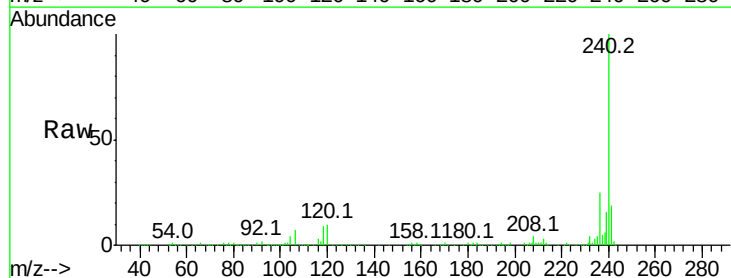
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BNA_F
ClientSampleId :
PB104249BL

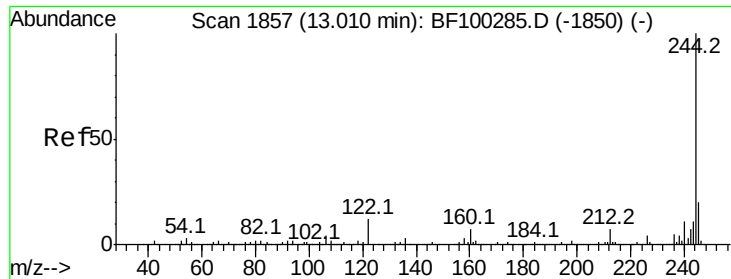
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.2	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100620.D
Acq: 16 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	24.8	20.7	31.1





#78

Terphenyl-d14

Concen: 69.789 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100620.D

Acq: 16 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104249BL

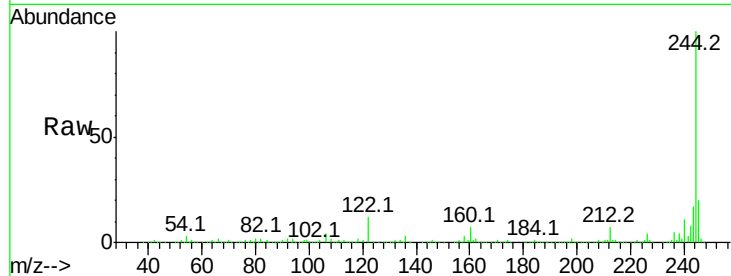
Tot Ion:244 Resp: 1065253

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

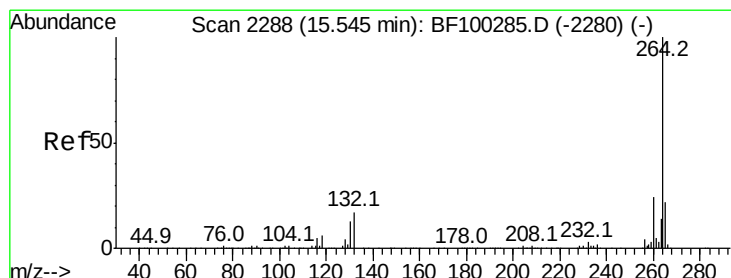
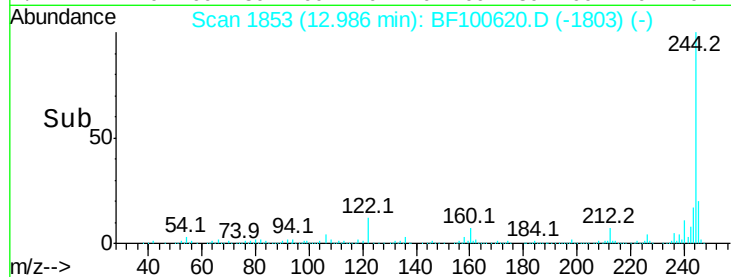
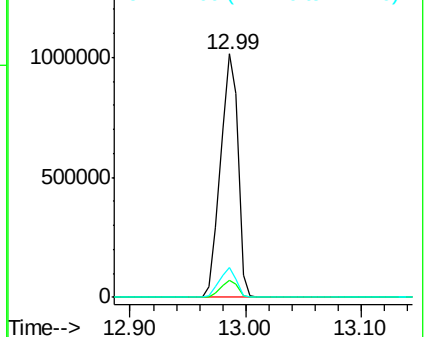
122 12.2 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100620.D

Acq: 16 Nov 2017 10:24

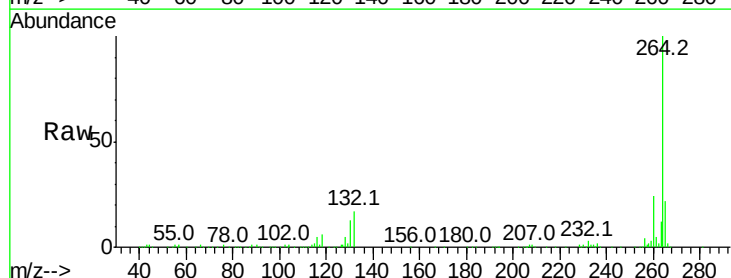
Tgt Ion:264 Resp: 250246

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

