

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100349.D
 Acq On : 9 Nov 2017 19:14
 Operator : SJ/JU
 Sample : PB104087BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BL

Quant Time: Nov 10 00:56:01 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	156309	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	632567	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	305719	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	615828	20.00	ng	0.00
75) Chrysene-d12	14.06	240	497945	20.00	ng	0.00
86) Perylene-d12	15.54	264	378860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	848229	86.99	ng	0.02
7) Phenol-d6	6.52	99	1027342	85.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	651511	68.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	290288	93.18	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1271267	63.32	ng	0.00
78) Terphenyl-d14	13.01	244	1308218	60.37	ng	0.00

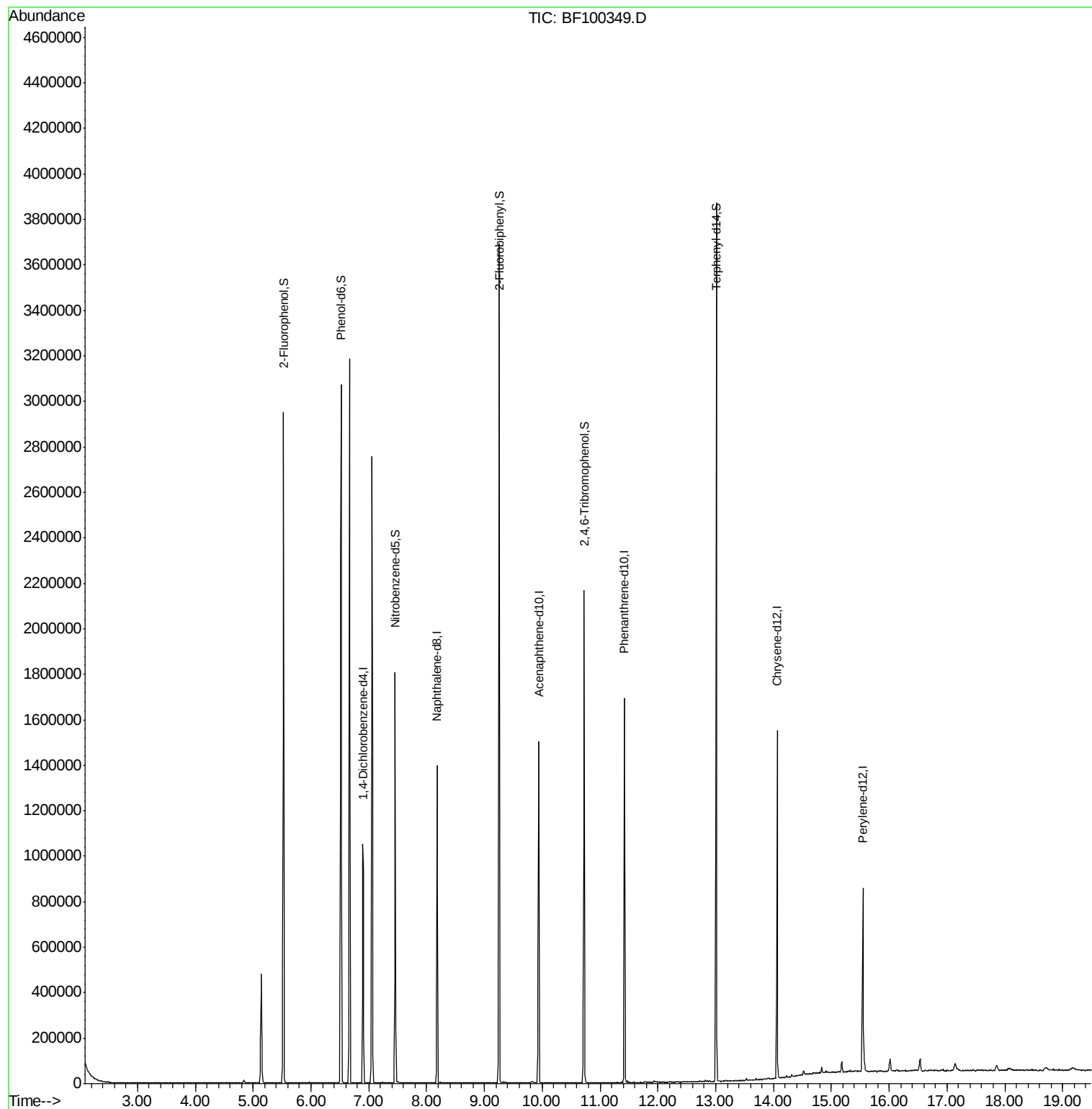
Target Compounds Qvalue

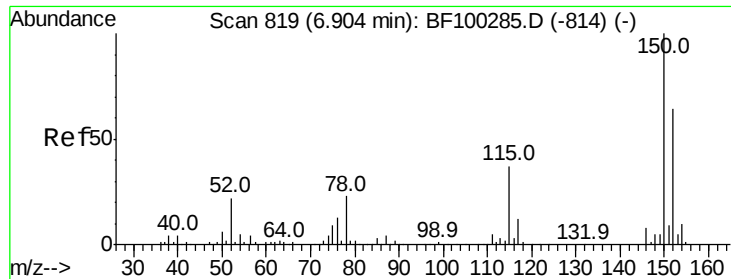
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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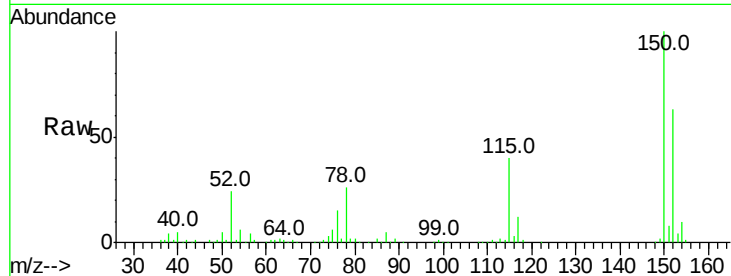


#1

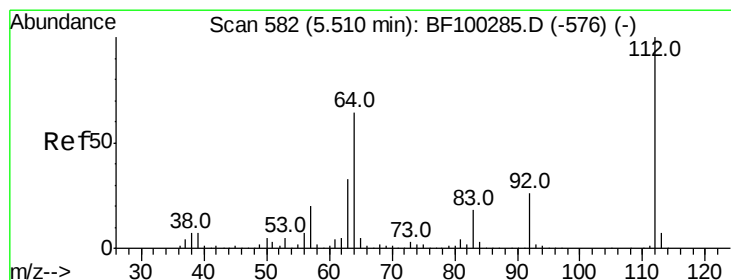
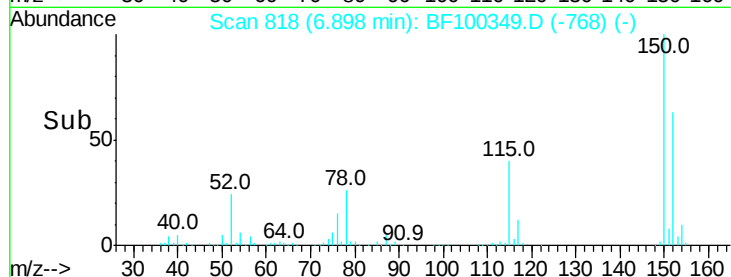
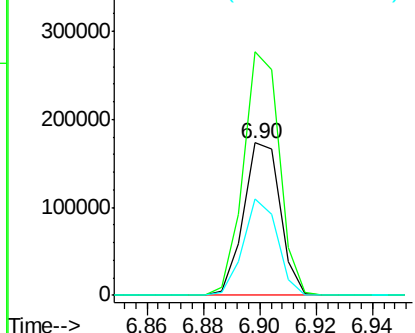
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :
PB104087BL

Tot Ion:152 Resp: 156309
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 63.2 50.1 75.1



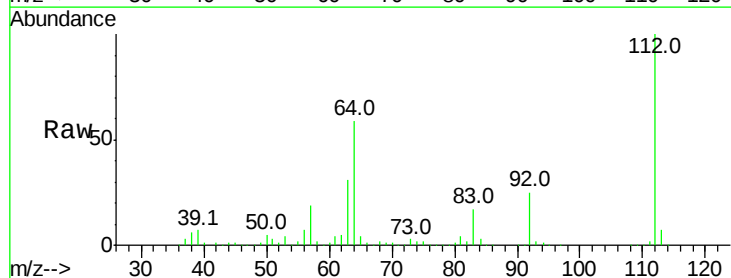
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



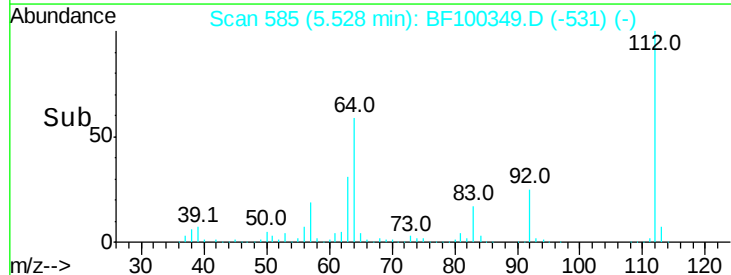
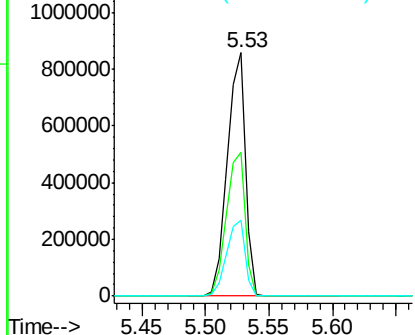
#5

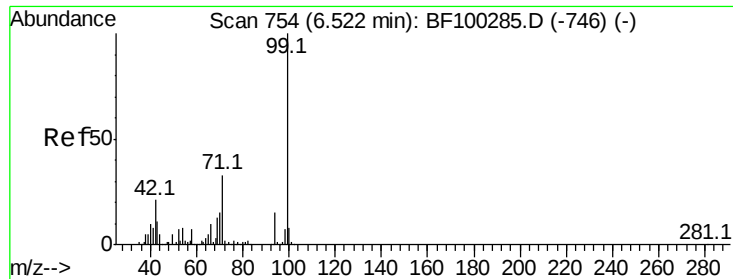
2-Fluorophenol
Concen: 86.988 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion:112 Resp: 848229
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 31.1 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: 85.438 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100349.D

Acq: 9 Nov 2017 19:14

Instrument :

BNA_F

ClientSampleId :

PB104087BL

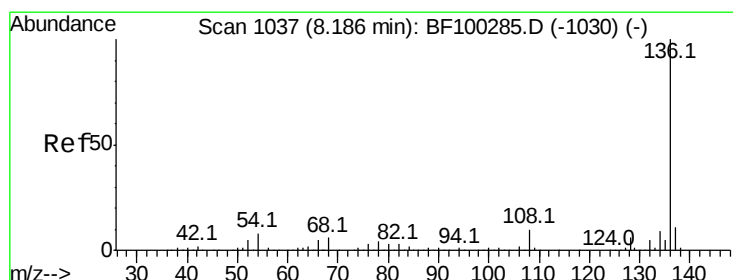
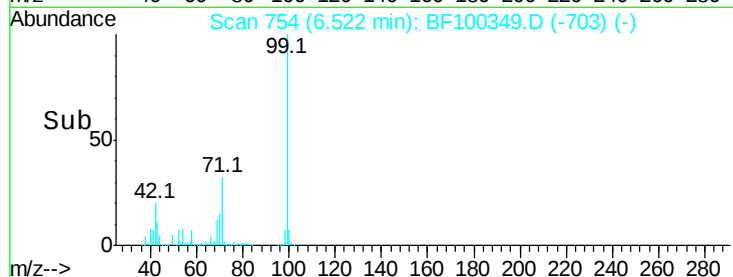
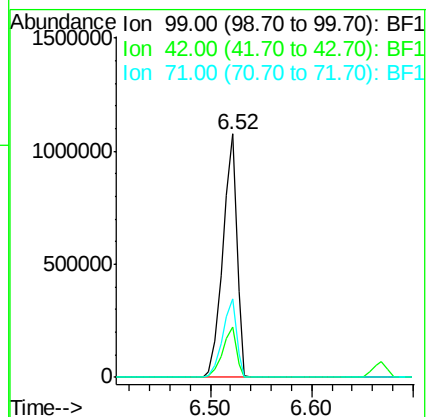
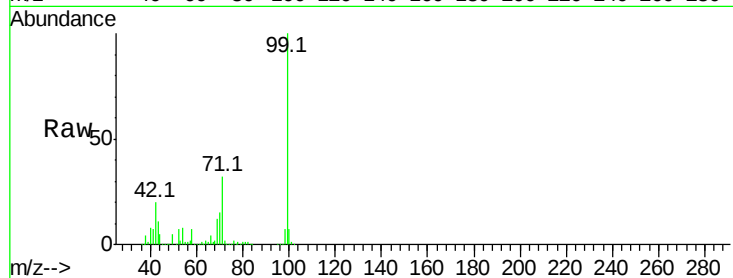
Tot Ion: 99 Resp: 1027342

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 32.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100349.D

Acq: 9 Nov 2017 19:14

Tgt Ion: 136 Resp: 632567

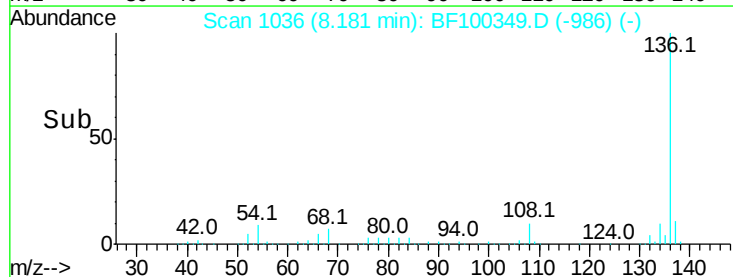
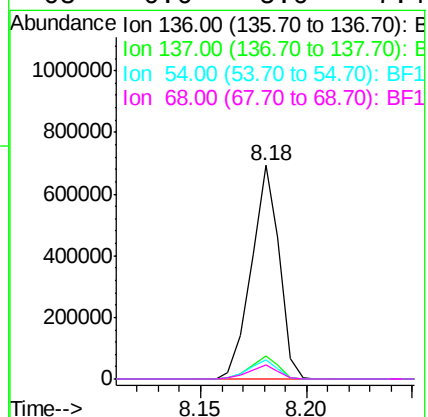
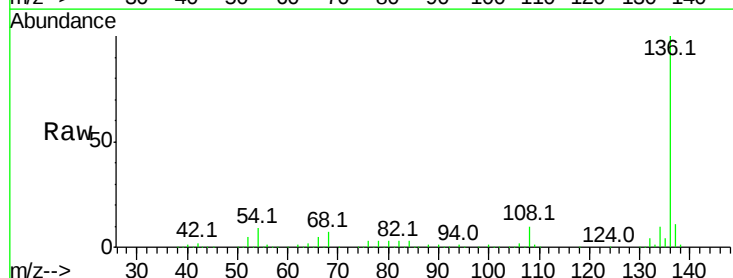
Ion Ratio Lower Upper

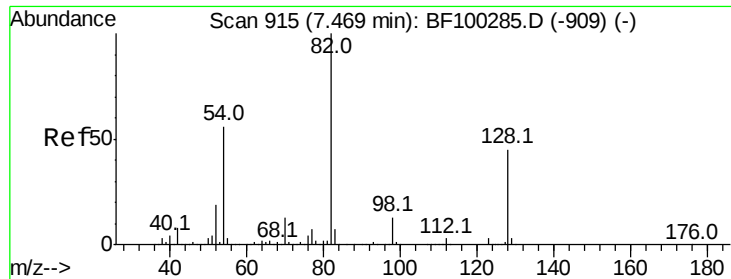
136 100

137 10.8 8.9 13.3

54 8.9 6.6 9.8

68 6.6 5.0 7.4

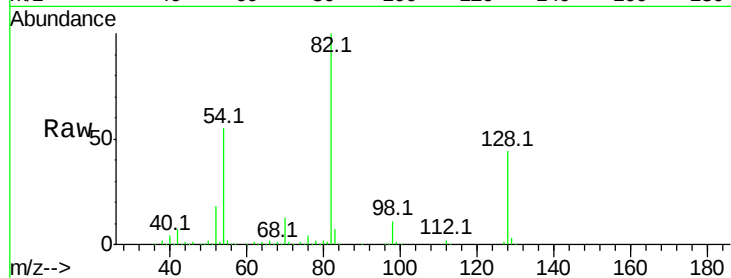




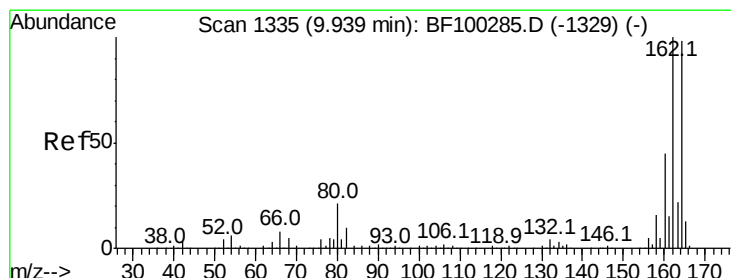
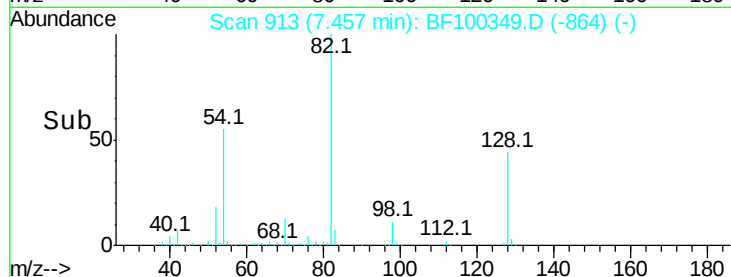
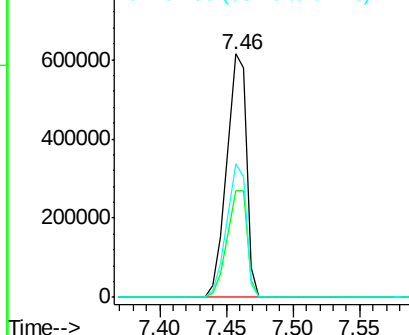
#23
Nitrobenzene-d5
Concen: 68.093 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Instrument :
BNA_F
ClientSampleId :
PB104087BL

Tot Ion	82	Resp	651511
Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	54.7	41.4	62.2

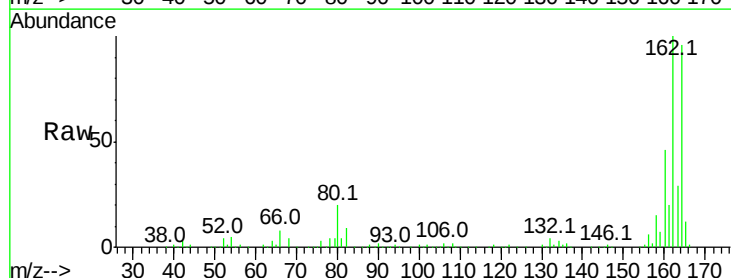


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

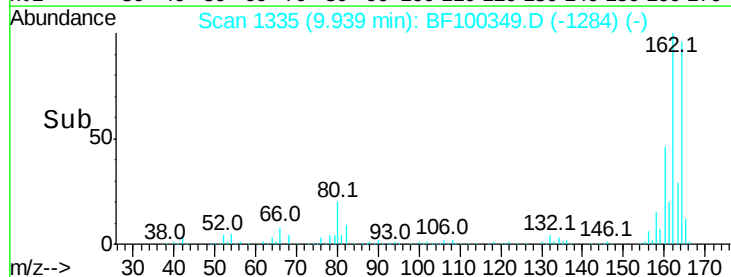
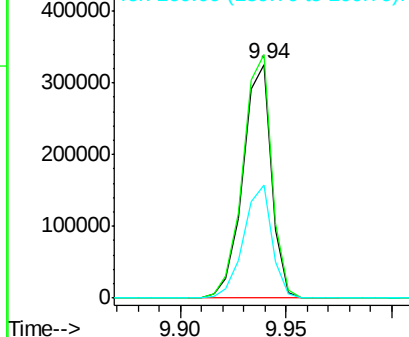


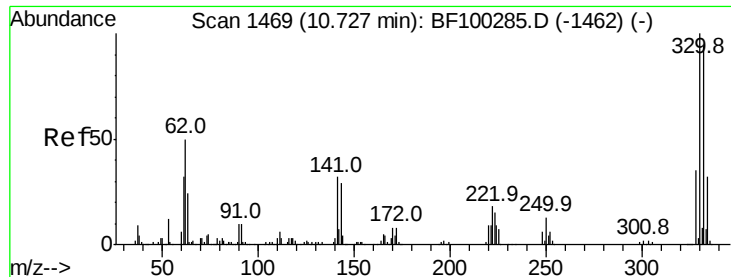
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100349.D
Acq: 9 Nov 2017 19:14

Tgt Ion	164	Resp	305719
Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.2	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

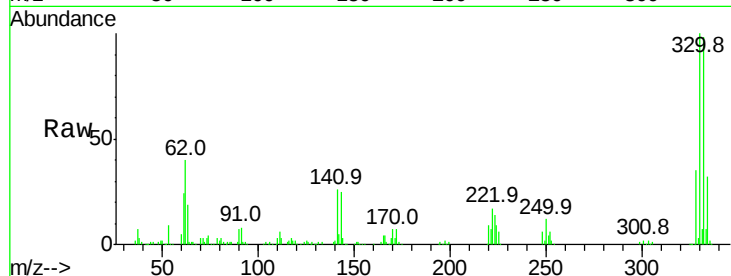




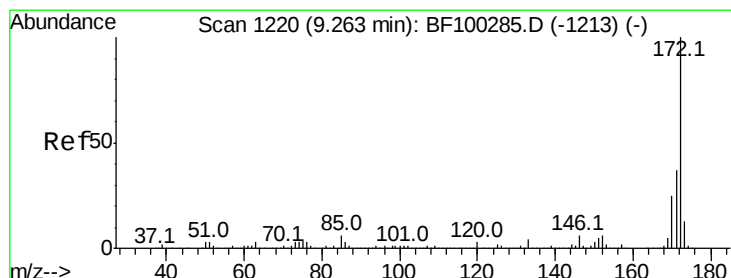
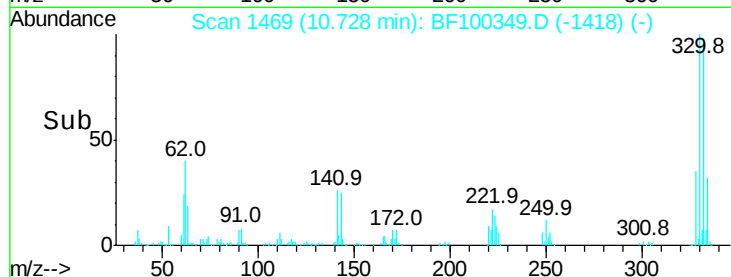
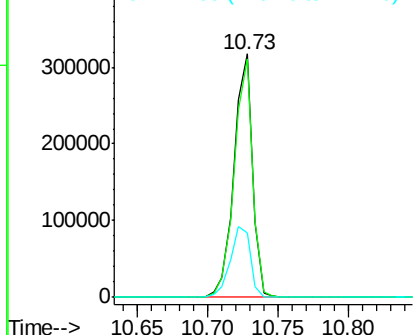
#41
 2,4,6-Tribromophenol
 Concen: 93.182 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100349.D
 Acq: 9 Nov 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BL

Tot Ion:330 Resp: 290288
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 31.4 29.9 44.9

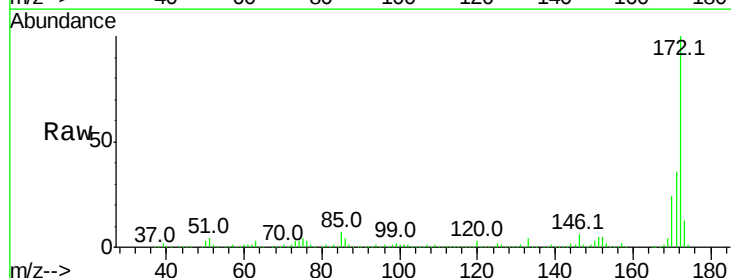


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

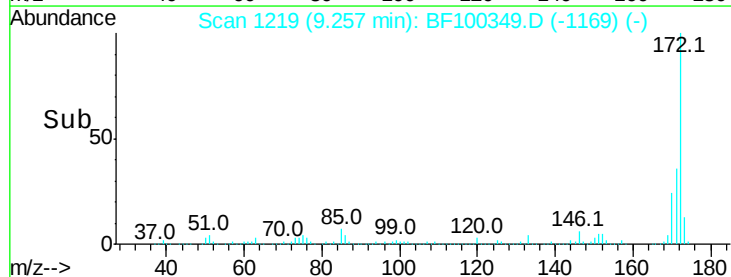
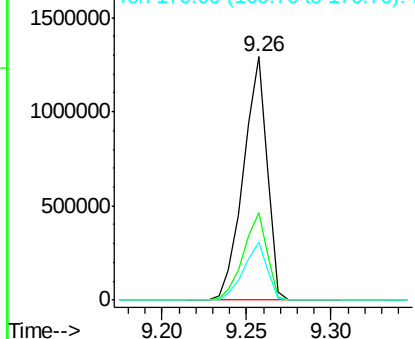


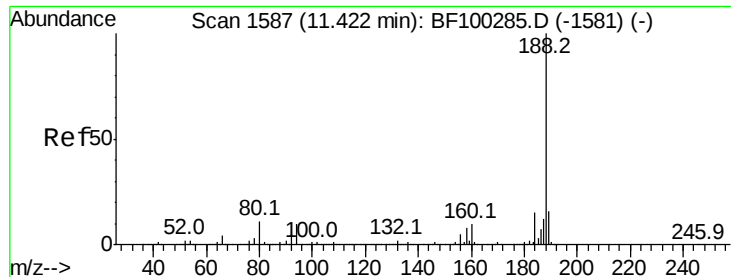
#44
 2-Fluorobiphenyl
 Concen: 63.319 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100349.D
 Acq: 9 Nov 2017 19:14

Tgt Ion:172 Resp: 1271267
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.0 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: BF100349.D

Acq: 9 Nov 2017 19:14

Instrument :

BNA_F

ClientSampleId :

PB104087BL

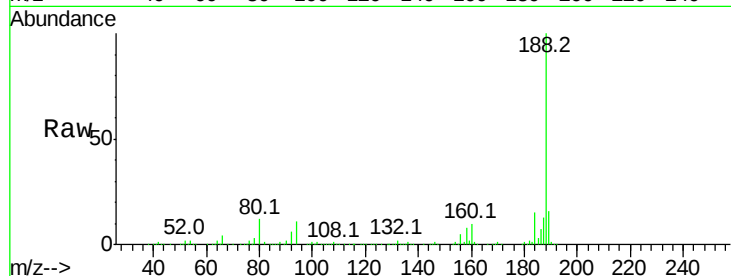
Tot Ion:188 Resp: 615828

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

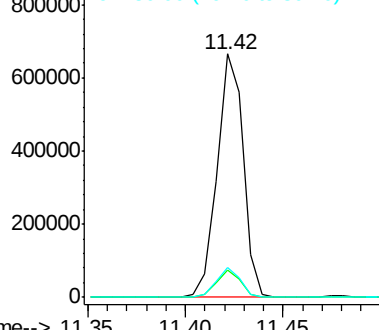
80 12.0 9.2 13.8



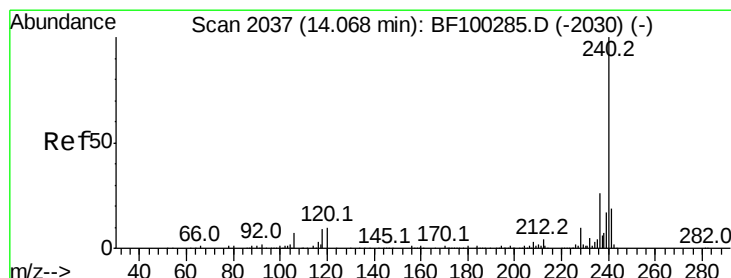
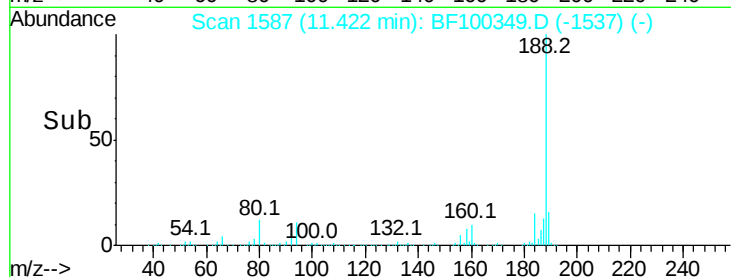
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.35 11.40 11.45



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100349.D

Acq: 9 Nov 2017 19:14

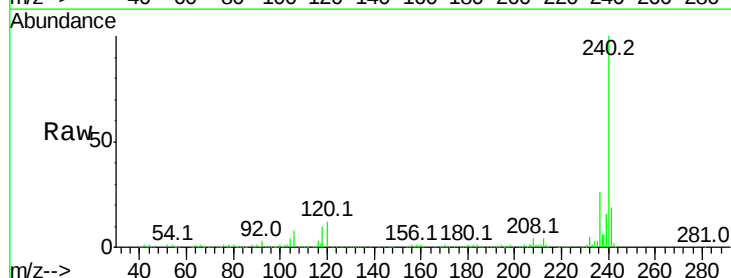
Tgt Ion:240 Resp: 497945

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

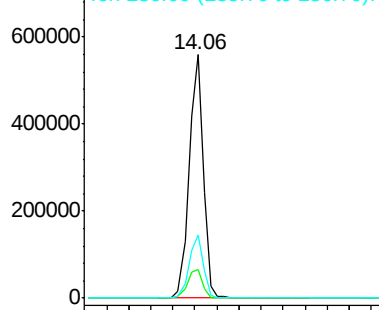
236 26.1 20.7 31.1



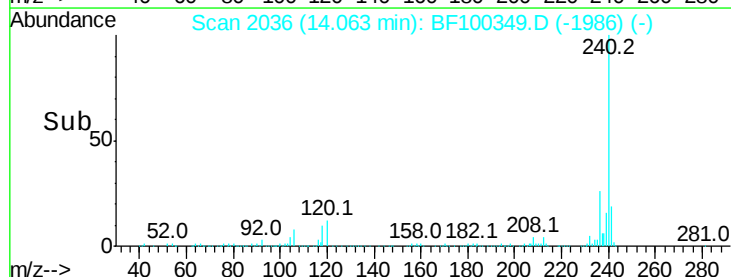
Abundance Ion 240.00 (239.70 to 240.70): E

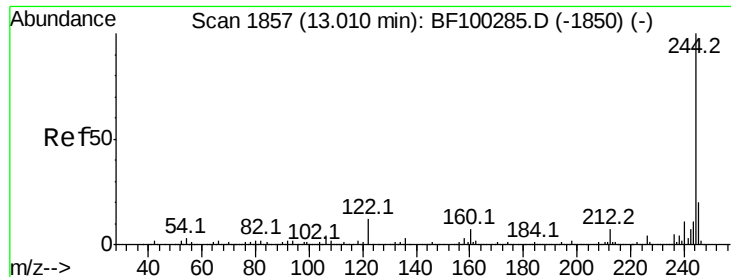
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.10 14.20





#78

Terphenyl-d14

Concen: 60.366 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100349.D

Acq: 9 Nov 2017 19:14

Instrument :

BNA_F

ClientSampleId :

PB104087BL

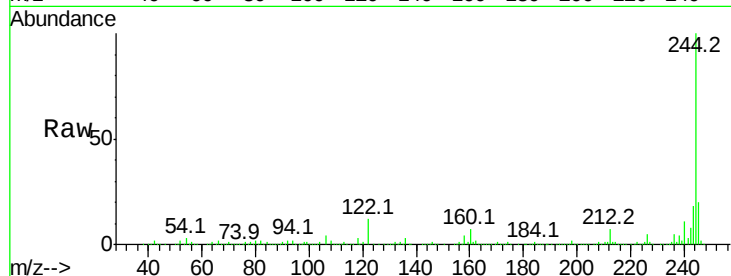
Tot Ion:244 Resp: 1308218

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

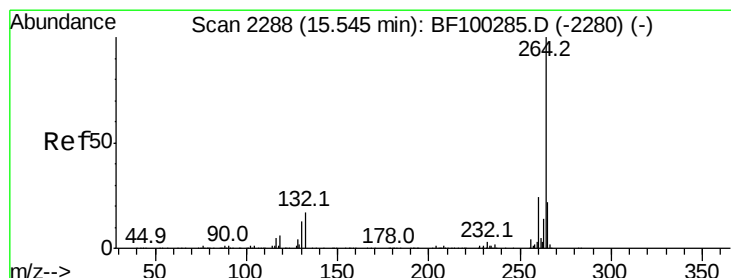
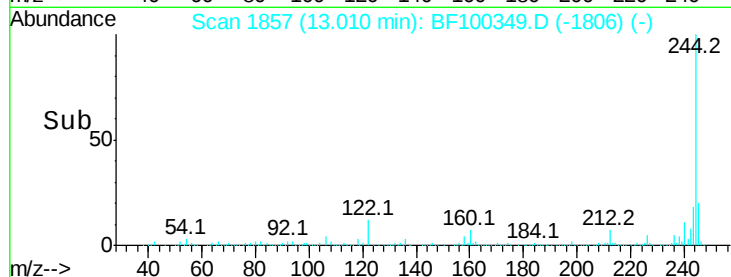
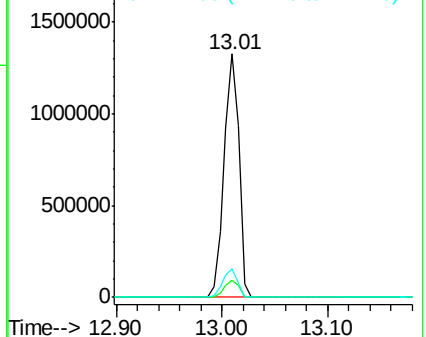
122 11.9 11.0 16.4



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: BF100349.D

Acq: 9 Nov 2017 19:14

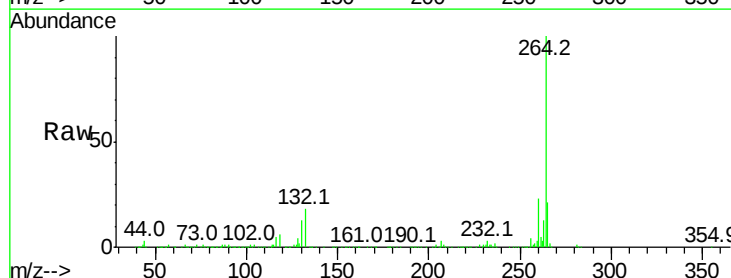
Tgt Ion:264 Resp: 378860

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 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

