

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100322.D
 Acq On : 9 Nov 2017 5:29
 Operator : SJ/JU
 Sample : I6304-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110717

Quant Time: Nov 09 08:49:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	187728	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	737502	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	305420	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	472501	20.00	ng	0.00
75) Chrysene-d12	14.06	240	355863	20.00	ng	-0.01
86) Perylene-d12	15.54	264	338370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1316809	112.44	ng	0.02
7) Phenol-d6	6.53	99	1417294	98.14	ng	0.00
23) Nitrobenzene-d5	7.46	82	1102437	98.83	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	349472	112.29	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1870754	93.27	ng	0.00
78) Terphenyl-d14	13.01	244	1277476	82.48	ng	0.00

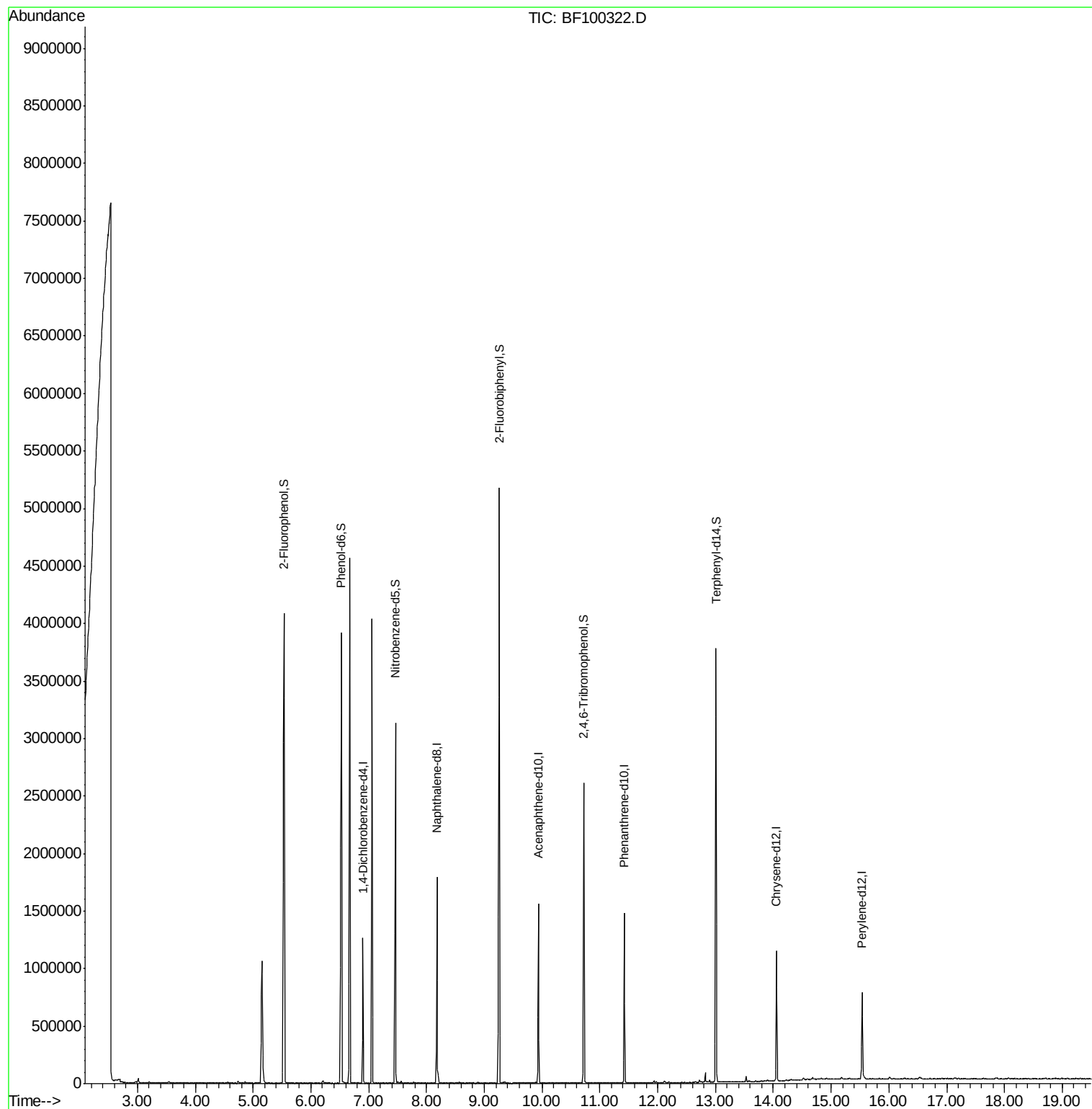
Target Compounds Qvalue

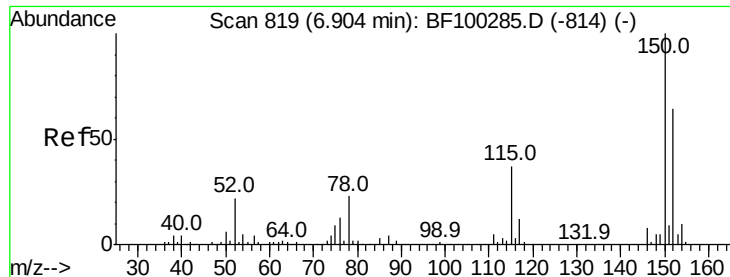
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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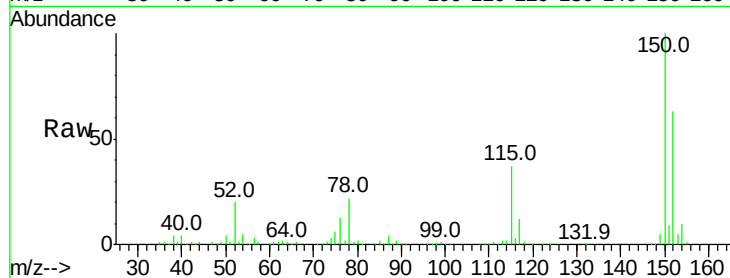


#1

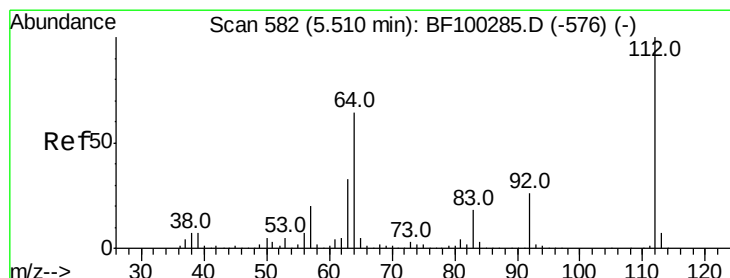
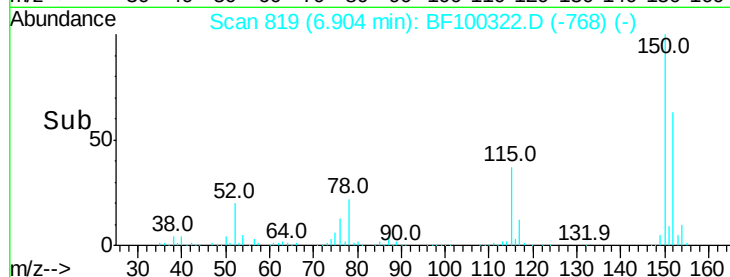
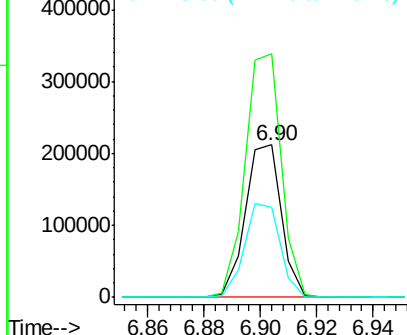
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Instrument :
BNA_F
ClientSampleId :
CL-02-110717

Tot Ion:152 Resp: 187728
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 58.6 50.1 75.1



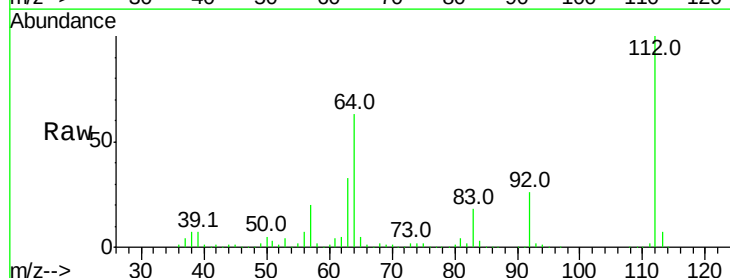
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



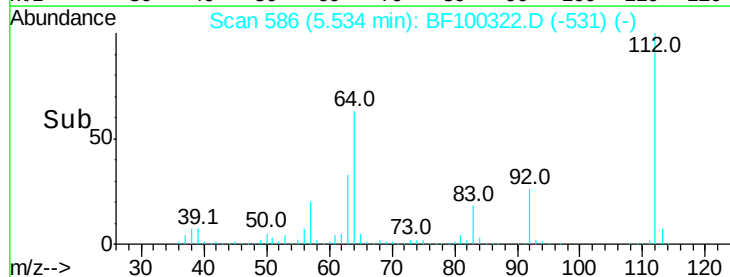
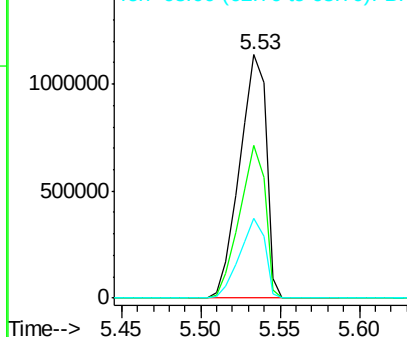
#5

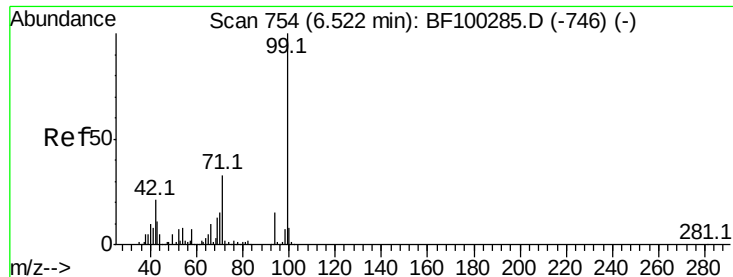
2-Fluorophenol
Concen: 112.441 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100322.D
Acq: 9 Nov 2017 5:29

Tgt Ion:112 Resp: 1316809
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.6 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: 98.141 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100322.D

Acq: 9 Nov 2017 5:29

Instrument :

BNA_F

ClientSampleId :

CL-02-110717

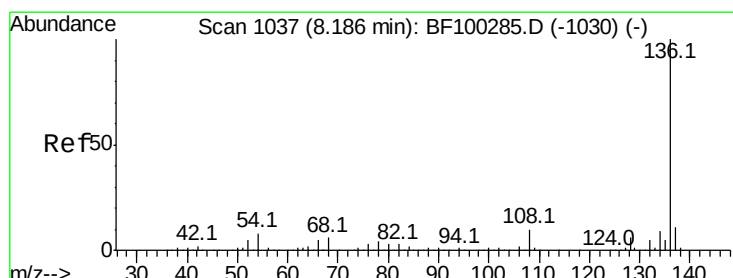
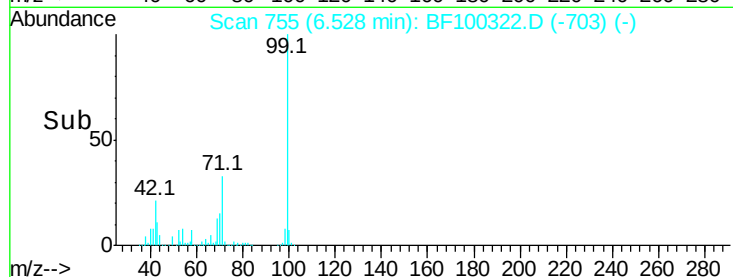
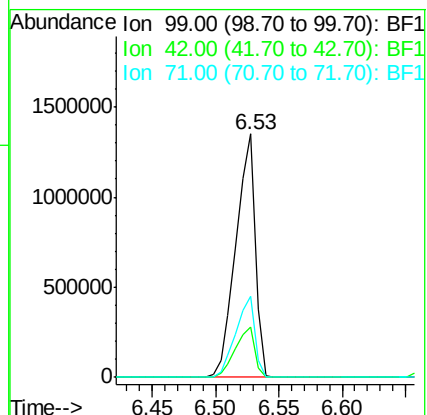
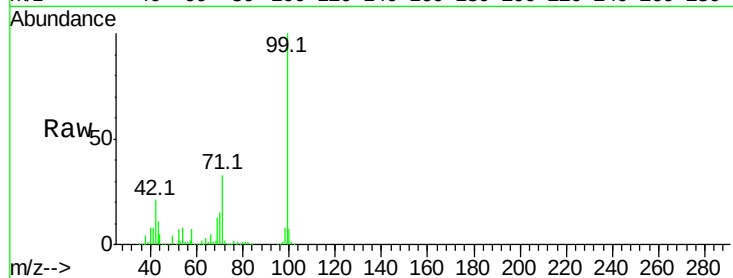
Tot Ion: 99 Resp: 1417294

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 33.4 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: BF100322.D

Acq: 9 Nov 2017 5:29

Tgt Ion: 136 Resp: 737502

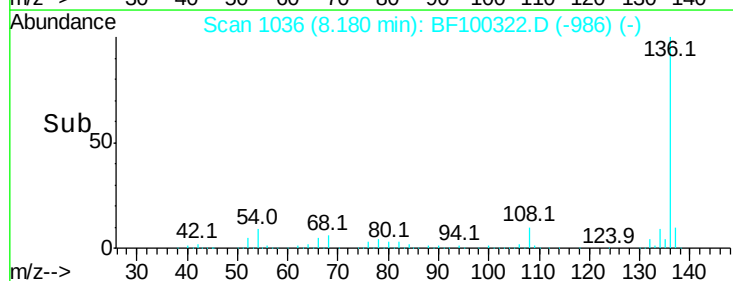
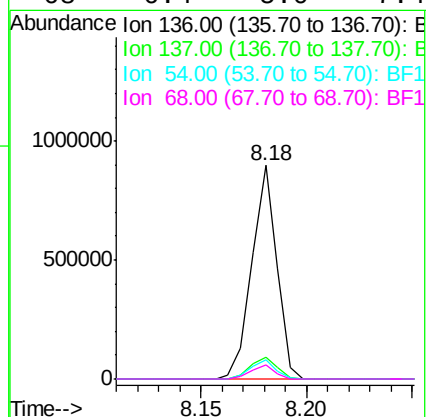
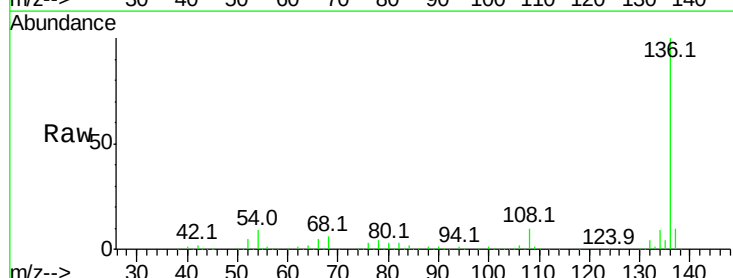
Ion Ratio Lower Upper

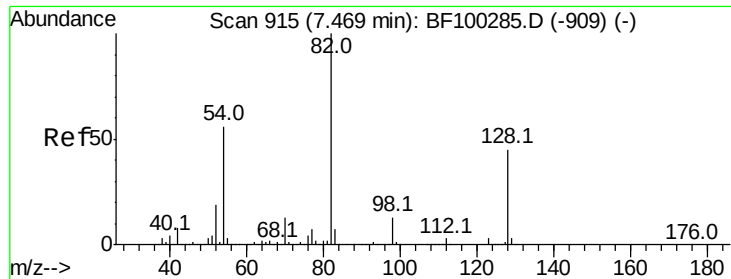
136 100

137 10.4 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4



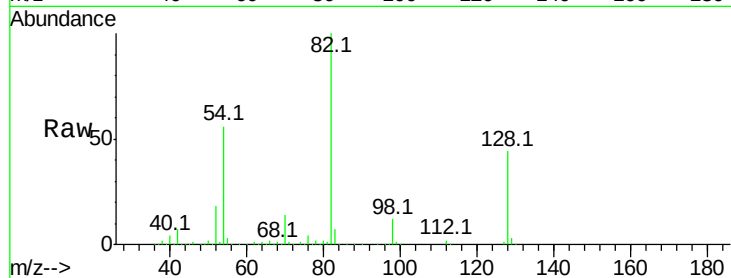


#23
 Nitrobenzene-d5
 Concen: 98.828 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100322.D
 Acq: 9 Nov 2017 5:29

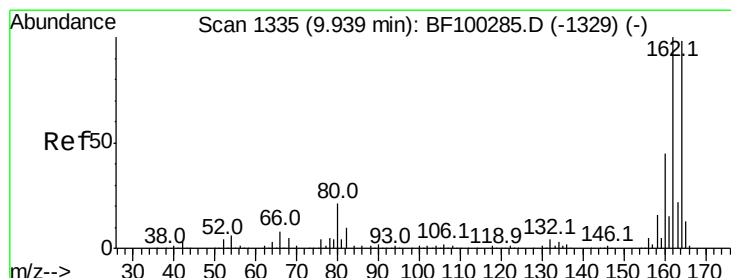
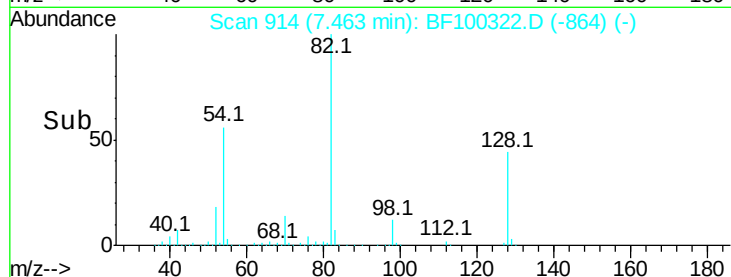
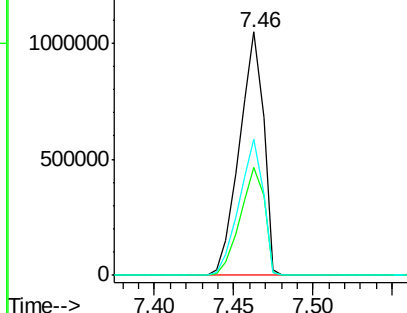
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110717

Tot Ion: 82 Resp: 1102437

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	55.8	41.4	62.2



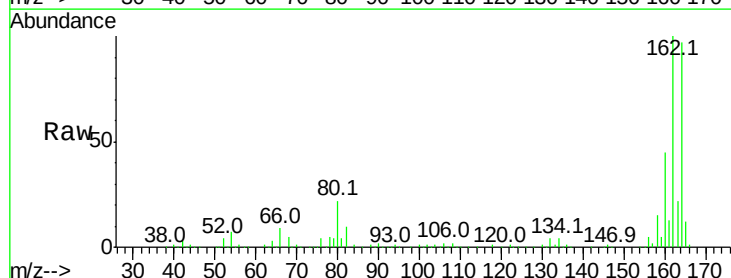
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



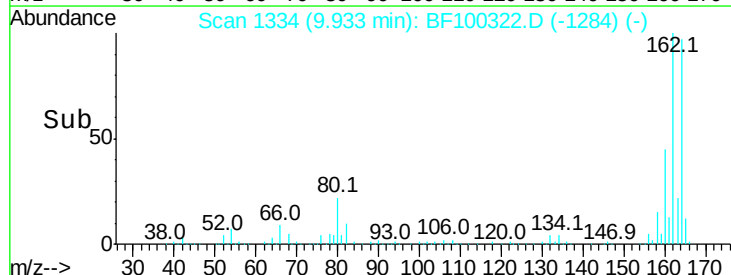
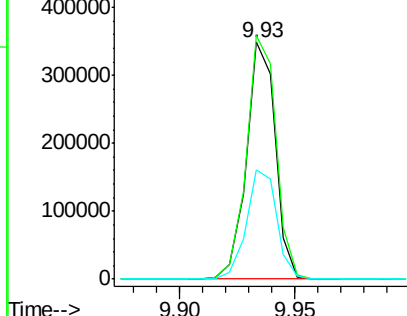
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100322.D
 Acq: 9 Nov 2017 5:29

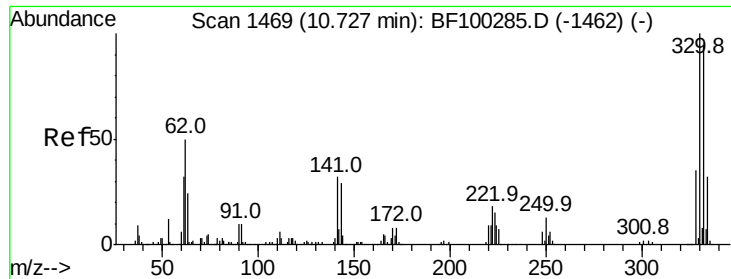
Tgt Ion: 164 Resp: 305420

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.1	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

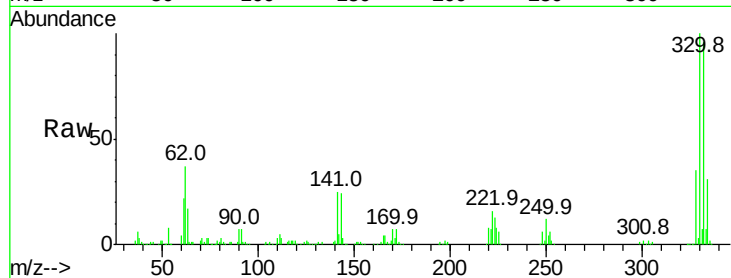




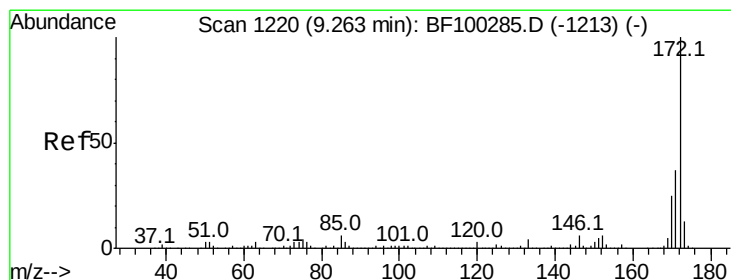
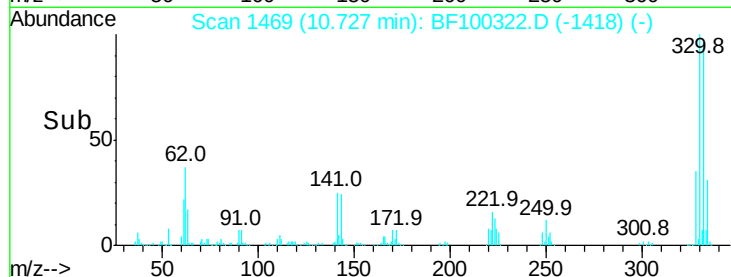
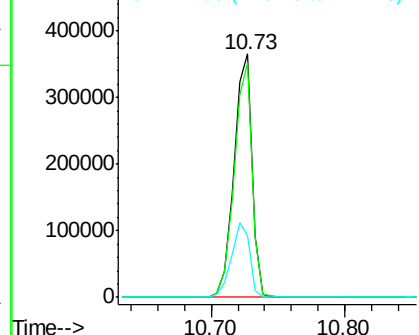
#41
 2,4,6-Tribromophenol
 Concen: 112.290 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100322.D
 Acq: 9 Nov 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-110717

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.0	29.9	44.9

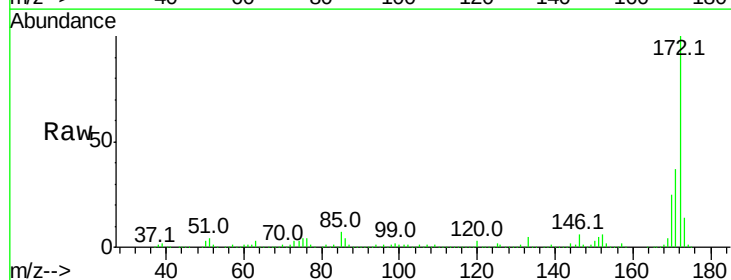


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

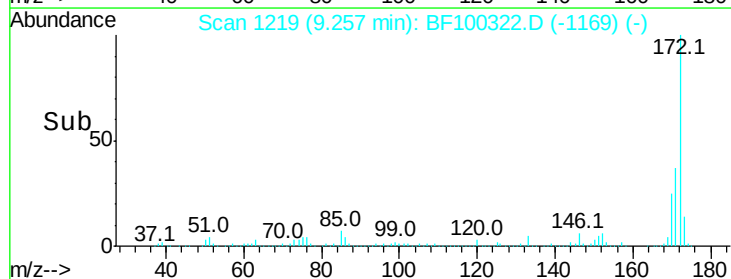
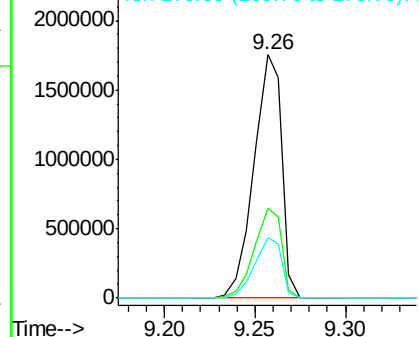


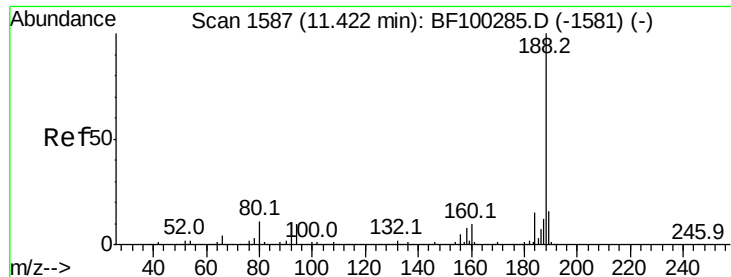
#44
 2-Fluorobiphenyl
 Concen: 93.269 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100322.D
 Acq: 9 Nov 2017 5:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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. -0.00 min

Lab File: BF100322.D

Acq: 9 Nov 2017 5:29

Instrument :

BNA_F

ClientSampleId :

CL-02-110717

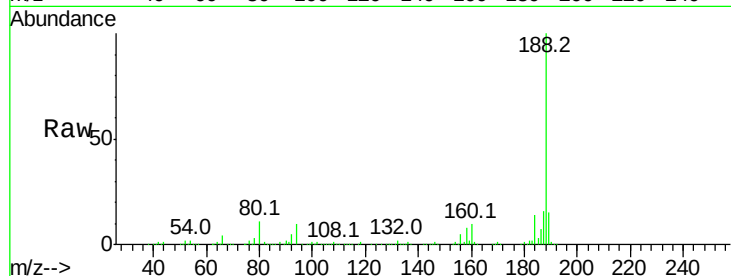
Tot Ion:188 Resp: 472501

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

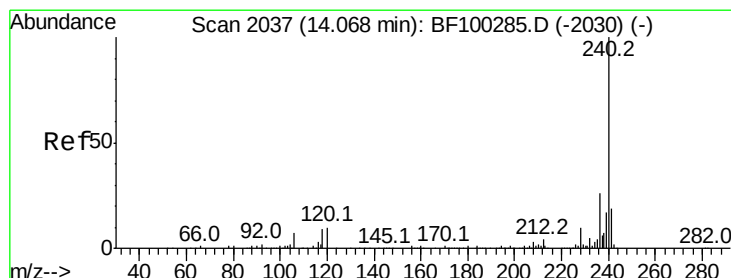
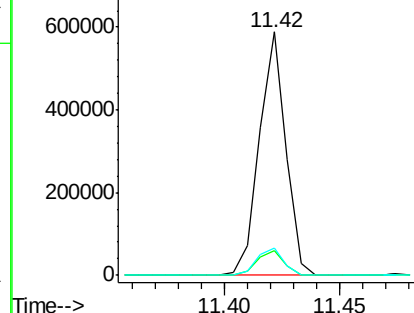
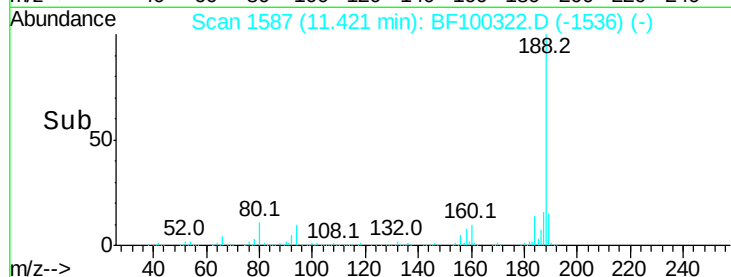
80 11.0 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100322.D

Acq: 9 Nov 2017 5:29

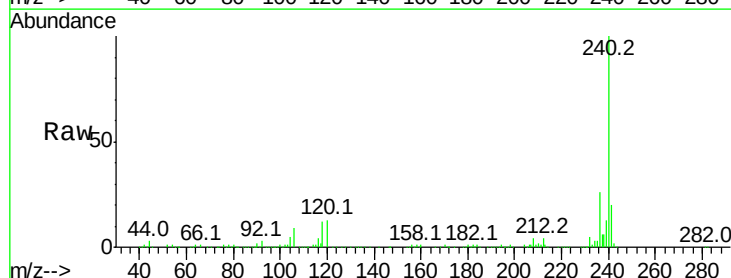
Tgt Ion:240 Resp: 355863

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

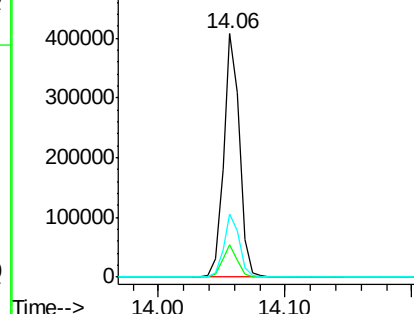
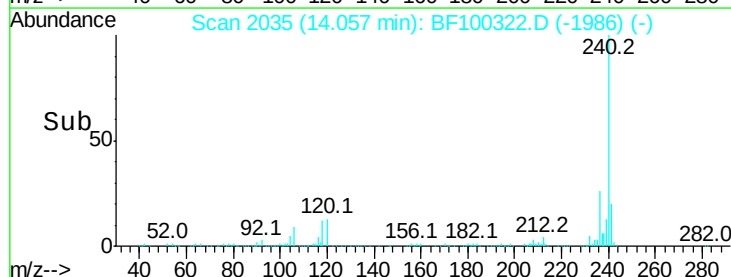
236 25.9 20.7 31.1

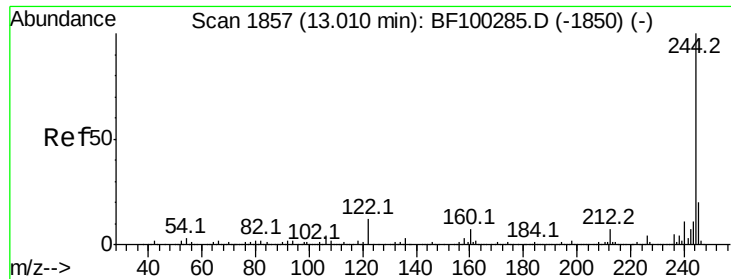


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.483 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100322.D

Acq: 9 Nov 2017 5:29

Instrument :

BNA_F

ClientSampleId :

CL-02-110717

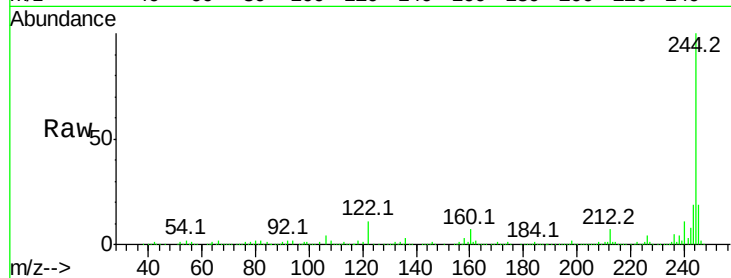
Tot Ion:244 Resp: 1277476

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

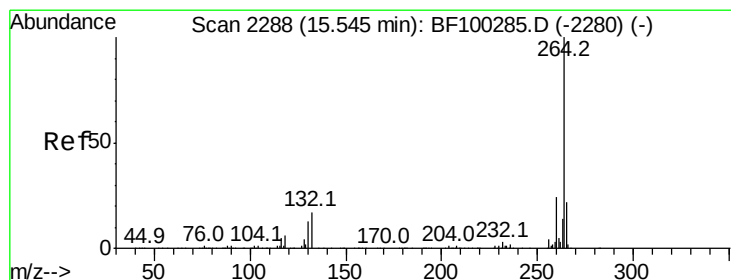
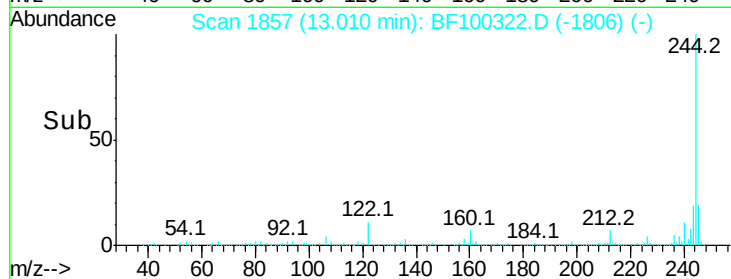
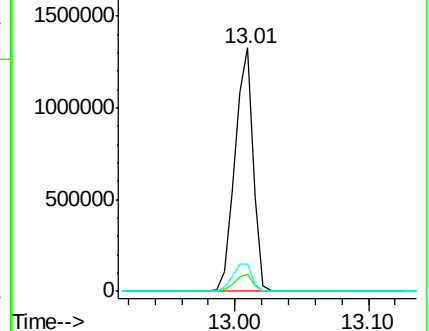
122 11.2 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF100322.D

Acq: 9 Nov 2017 5:29

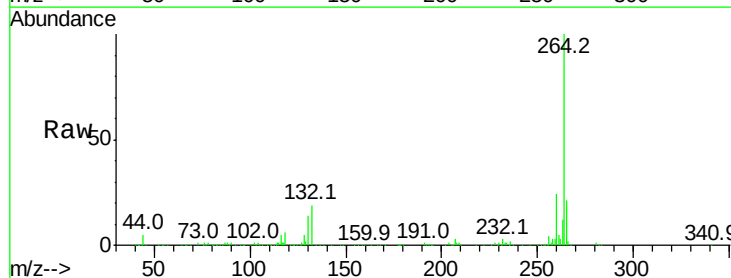
Tgt Ion:264 Resp: 338370

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 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

