

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100320.D
 Acq On : 9 Nov 2017 4:35
 Operator : SJ/JU
 Sample : I6311-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110617

Quant Time: Nov 09 08:45:57 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

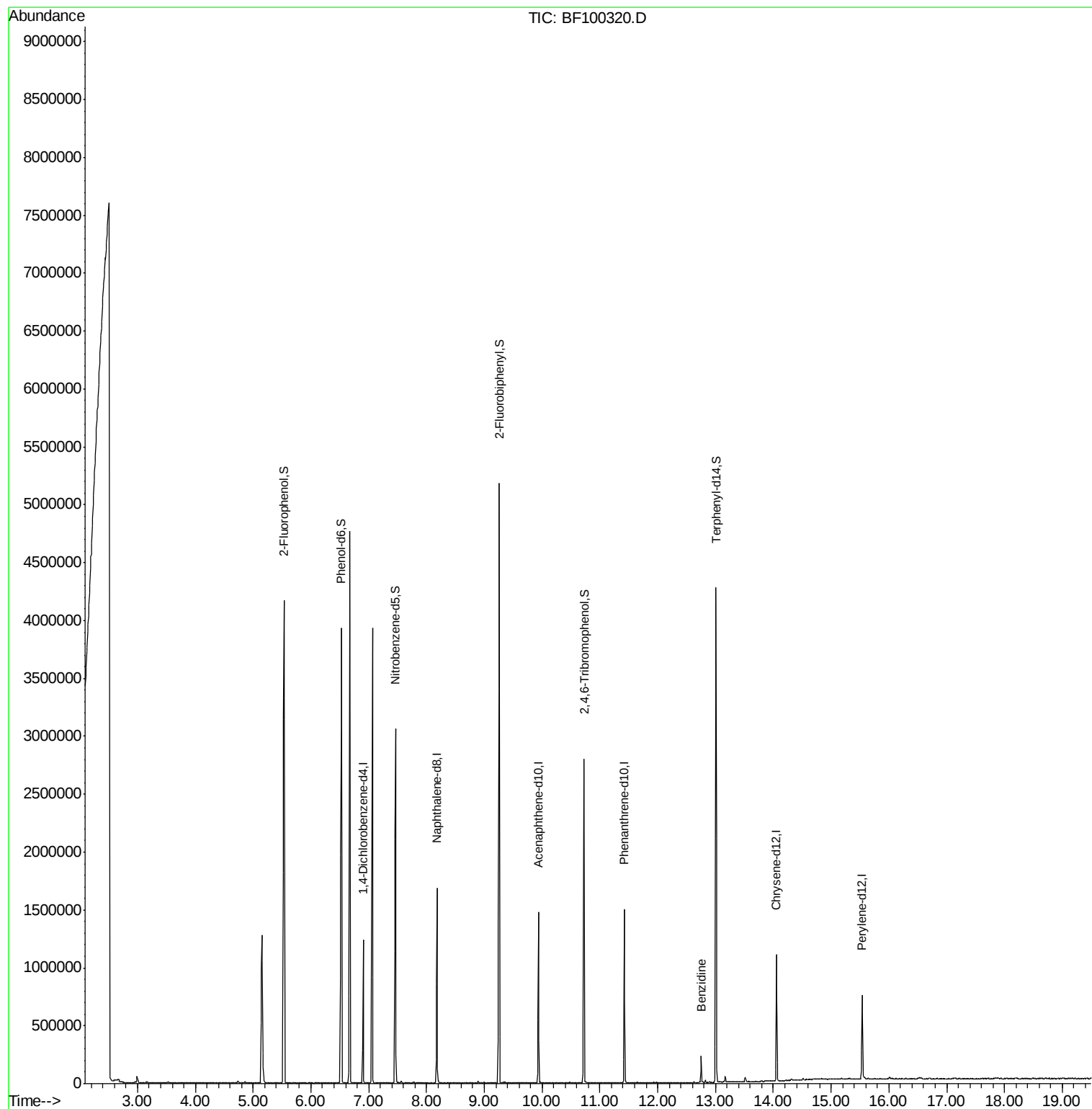
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179566	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	680828	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	296190	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	477676	20.00	ng	0.00
75) Chrysene-d12	14.06	240	355686	20.00	ng	-0.01
86) Perylene-d12	15.54	264	331601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1353835	120.86	ng	0.02
7) Phenol-d6	6.53	99	1464674	106.03	ng	0.00
23) Nitrobenzene-d5	7.46	82	1156539	112.31	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	385552	127.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1833538	94.26	ng	0.00
78) Terphenyl-d14	13.01	244	1435718	92.75	ng	0.00
Target Compounds						
76) Benzidine	12.75	184	77612	5.449	ng	Qvalue 99

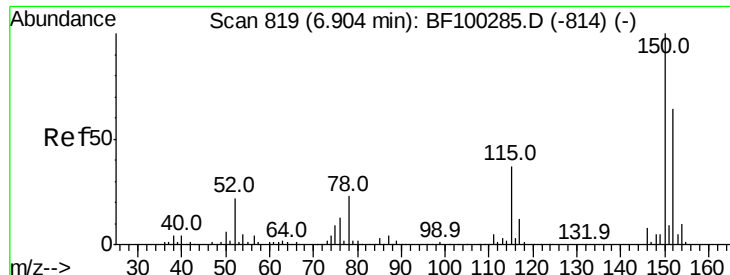
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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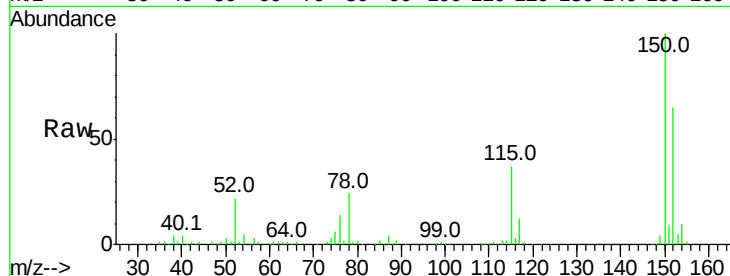


#1

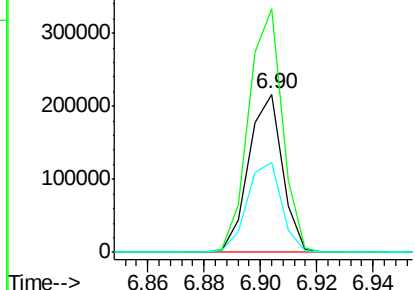
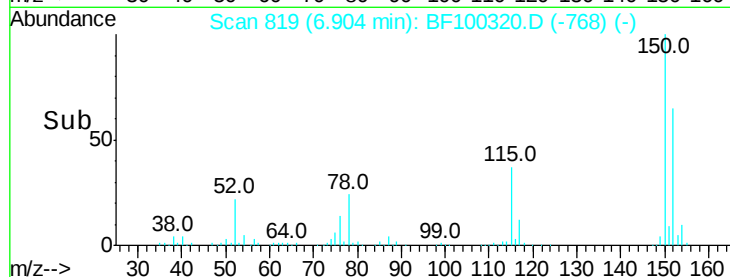
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100320.D
 Acq: 9 Nov 2017 4:35

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110617

Tot Ion:152 Resp: 179566
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 56.5 50.1 75.1



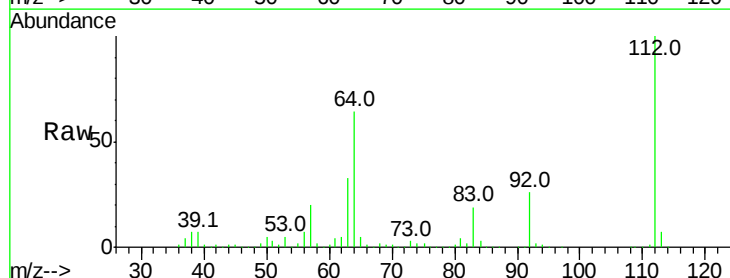
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



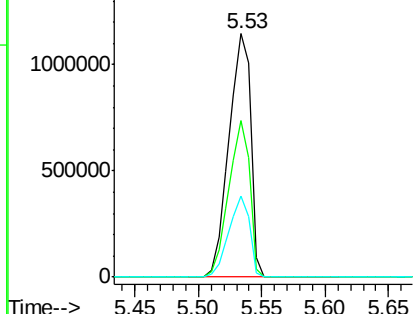
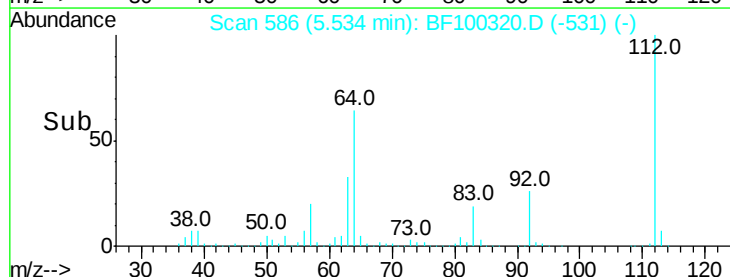
#5

2-Fluorophenol
 Concen: 120.857 ng
 RT: 5.53 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF100320.D
 Acq: 9 Nov 2017 4:35

Tgt Ion:112 Resp: 1353835
 Ion Ratio Lower Upper
 112 100
 64 64.1 47.9 71.9
 63 33.4 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: 106.032 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100320.D

Acq: 9 Nov 2017 4:35

Instrument :

BNA_F

ClientSampleId :

TR-04-110617

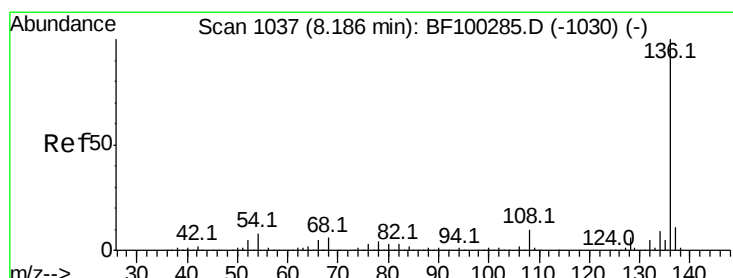
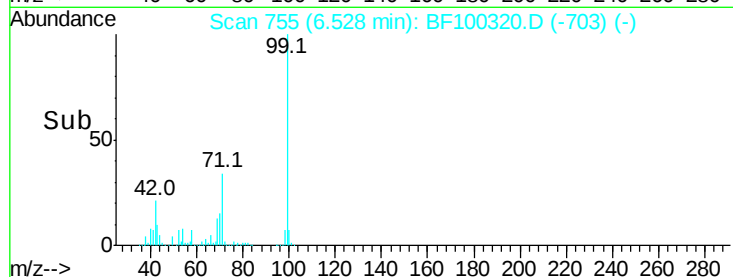
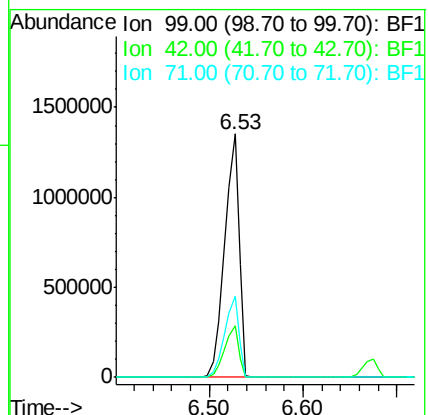
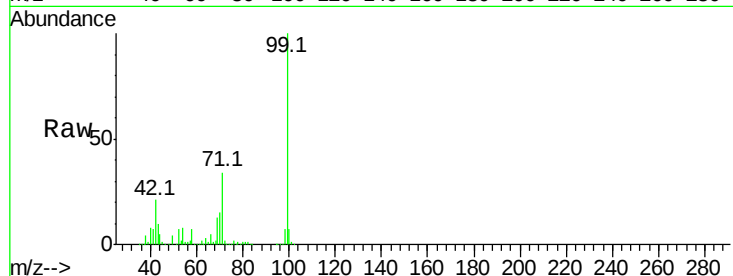
Tot Ion: 99 Resp: 1464674

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.5 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: BF100320.D

Acq: 9 Nov 2017 4:35

Tgt Ion: 136 Resp: 680828

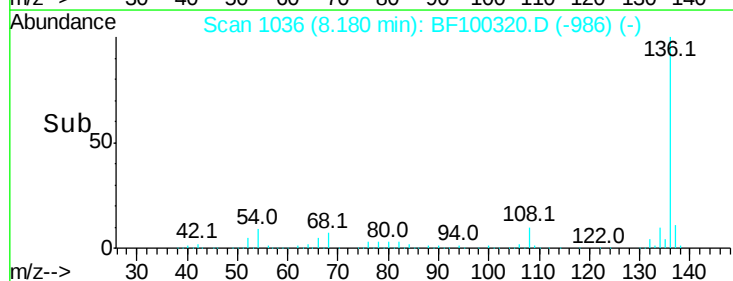
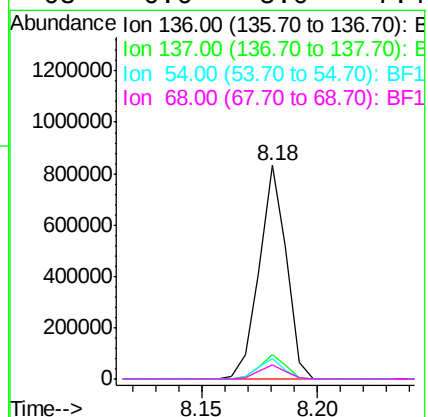
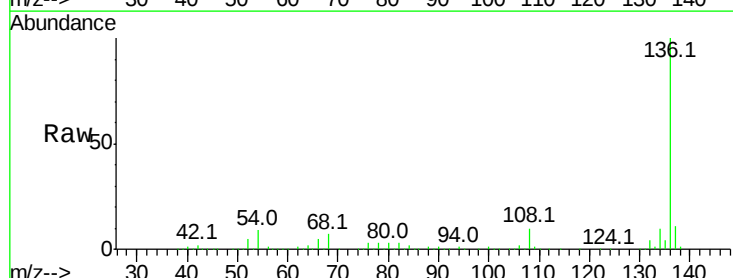
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.4 6.6 9.8

68 6.6 5.0 7.4



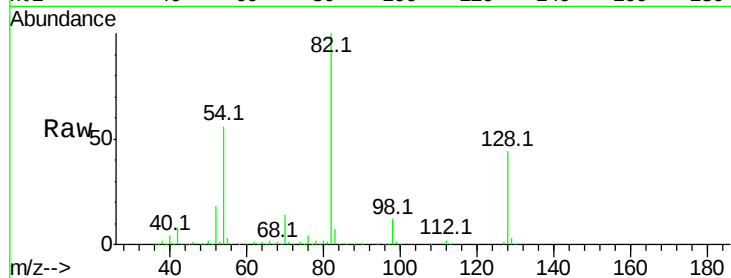


#23
 Nitrobenzene-d5
 Concen: 112.308 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100320.D
 Acq: 9 Nov 2017 4:35

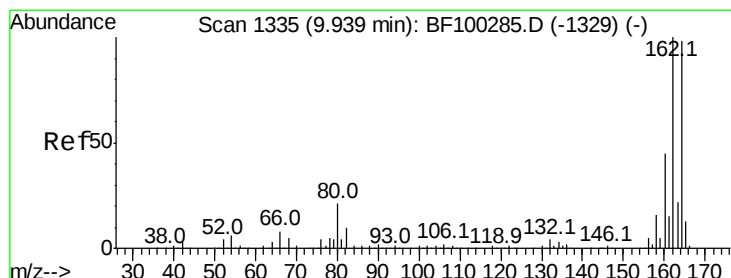
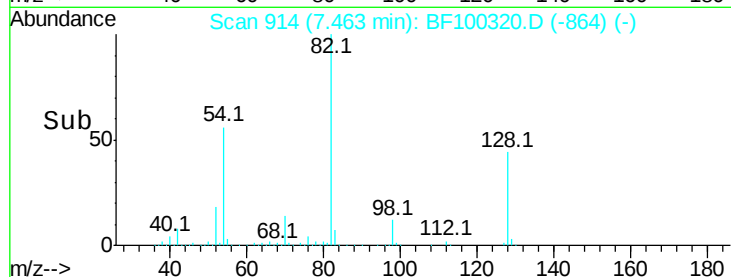
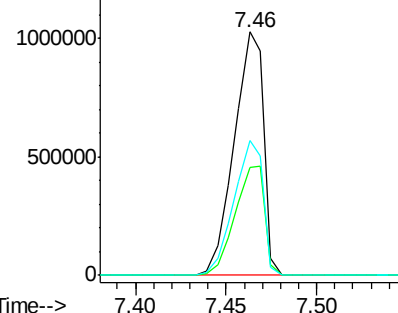
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110617

Tot Ion: 82 Resp: 1156539

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	55.6	41.4	62.2



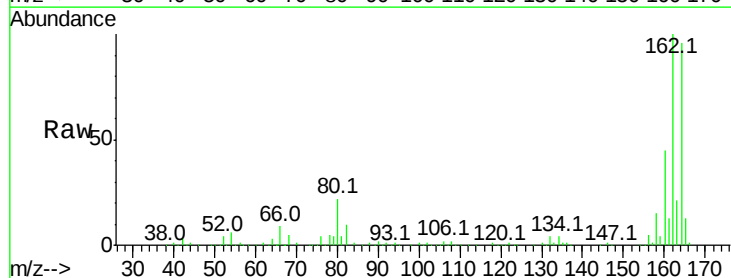
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



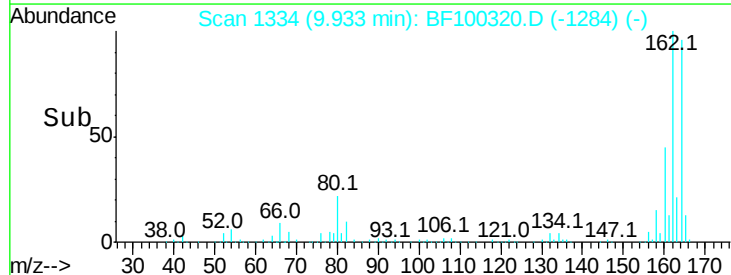
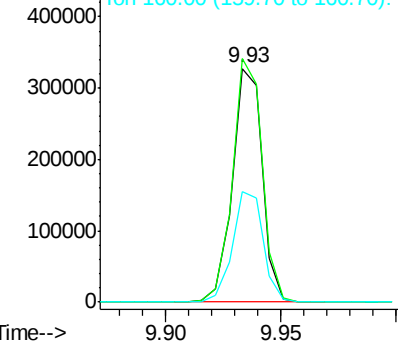
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100320.D
 Acq: 9 Nov 2017 4:35

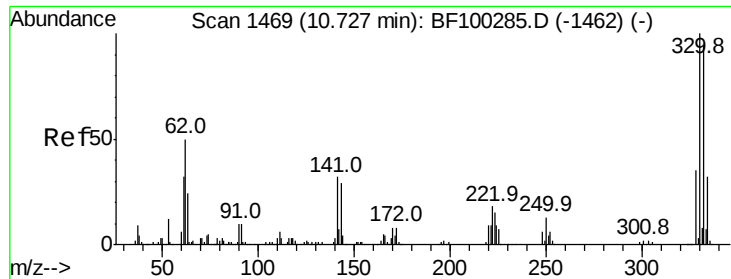
Tgt Ion:164 Resp: 296190

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.3	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

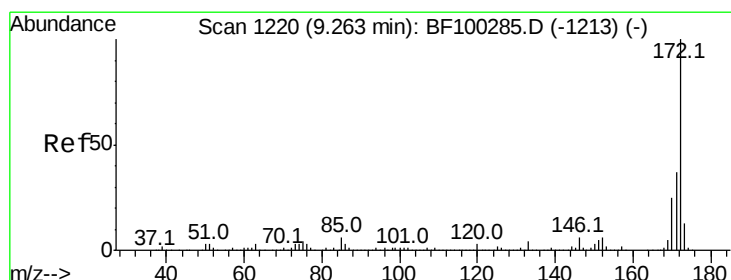
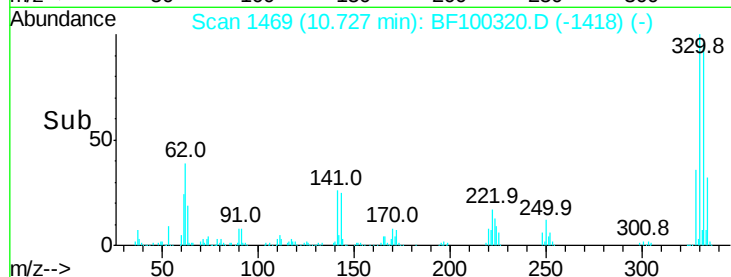
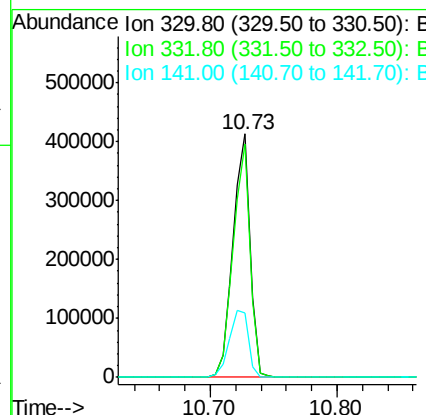
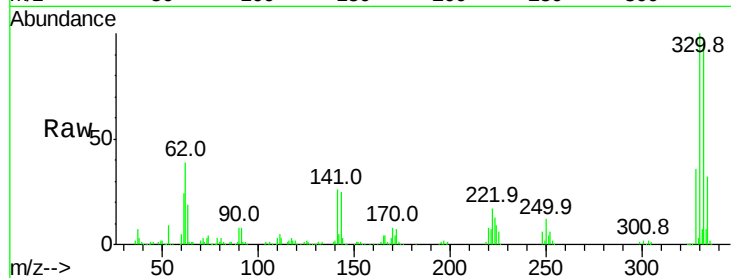




#41
 2,4,6-Tribromophenol
 Concen: 127.743 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100320.D
 Acq: 9 Nov 2017 4:35

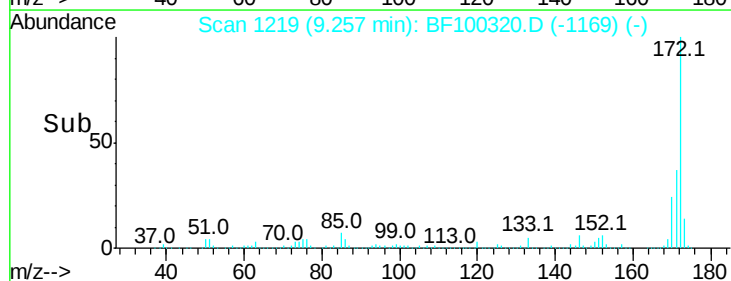
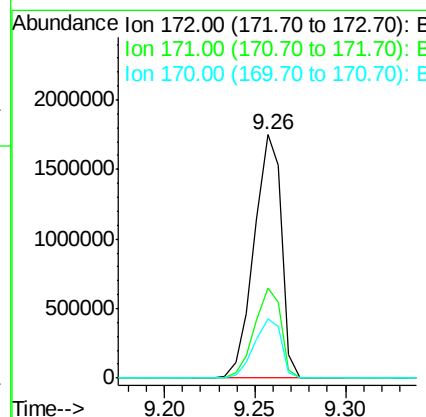
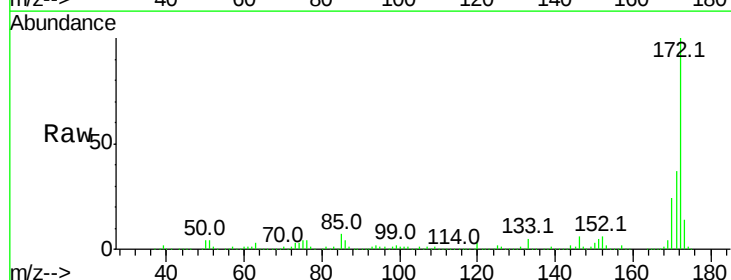
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110617

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 94.262 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100320.D
 Acq: 9 Nov 2017 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF100320.D

Acq: 9 Nov 2017 4:35

Instrument :

BNA_F

ClientSampleId :

TR-04-110617

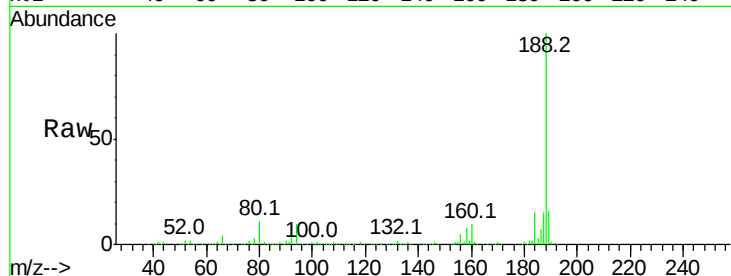
Tot Ion:188 Resp: 477676

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

80 10.6 9.2 13.8



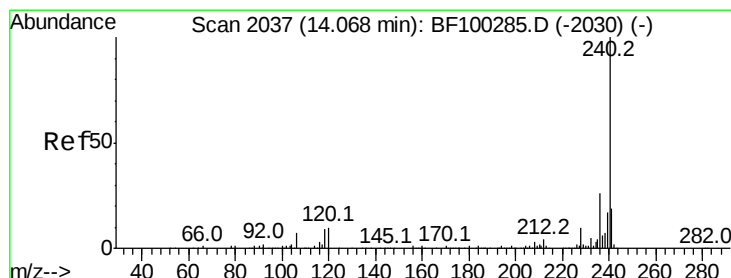
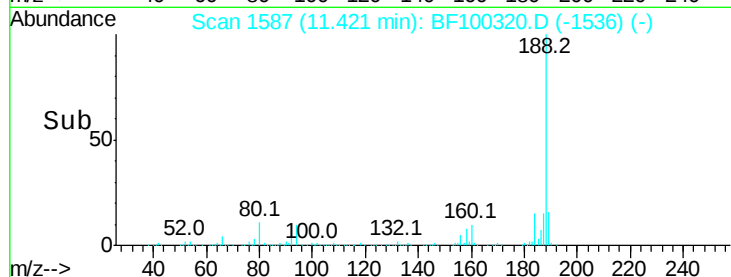
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.42

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100320.D

Acq: 9 Nov 2017 4:35

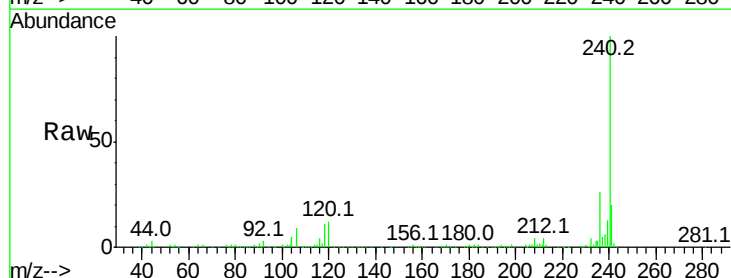
Tgt Ion:240 Resp: 355686

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

236 26.1 20.7 31.1



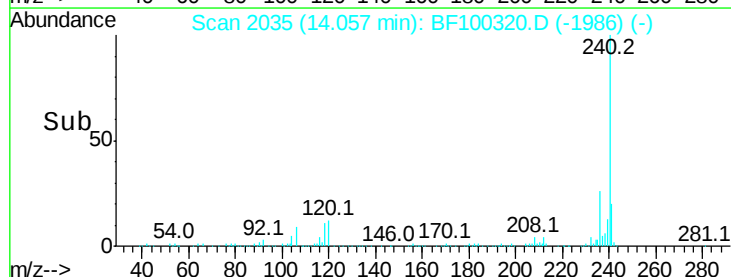
Abundance Ion 240.00 (239.70 to 240.70): E

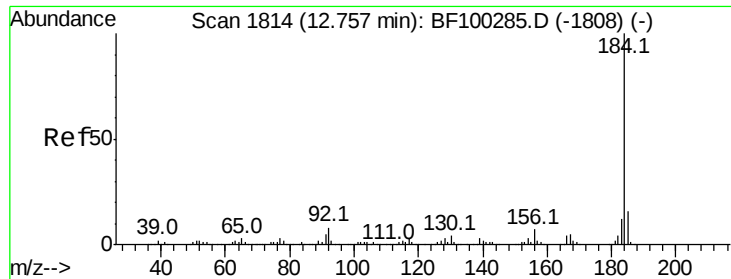
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.06

Time-->

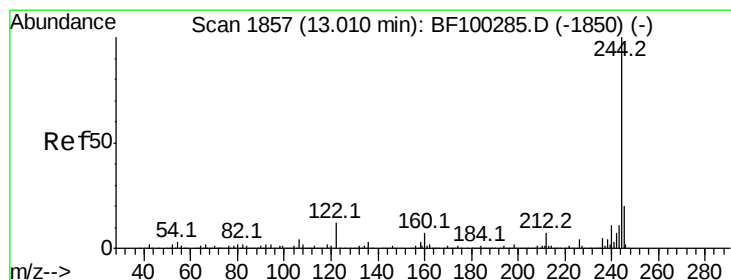
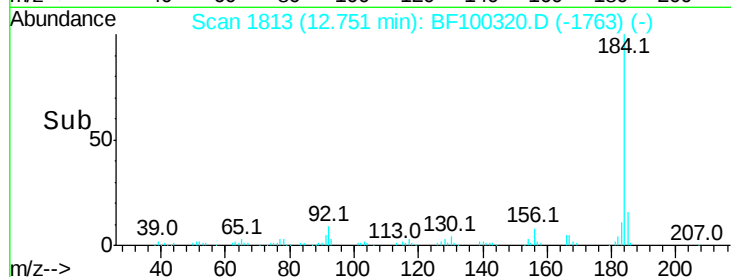
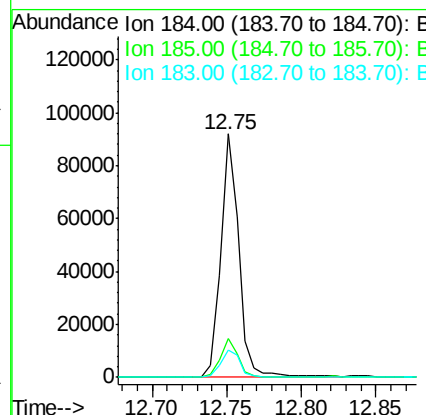
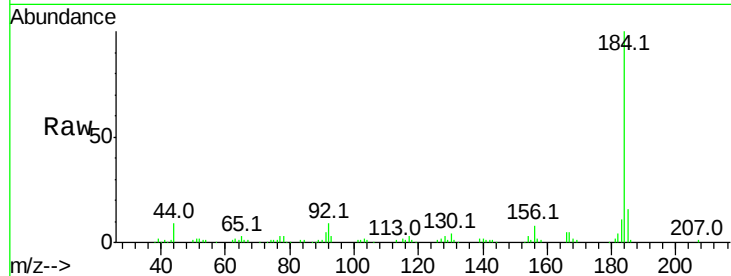




#76
Benzidine
Concen: 5.449 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF100320.D
Acq: 9 Nov 2017 4:35

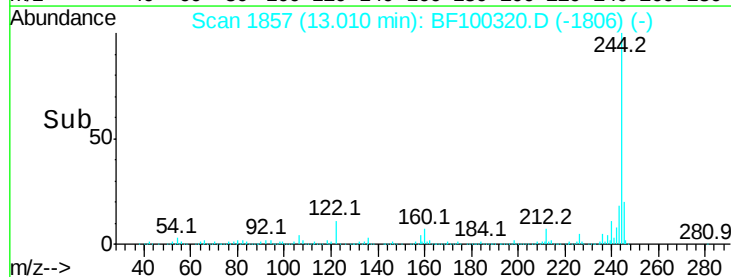
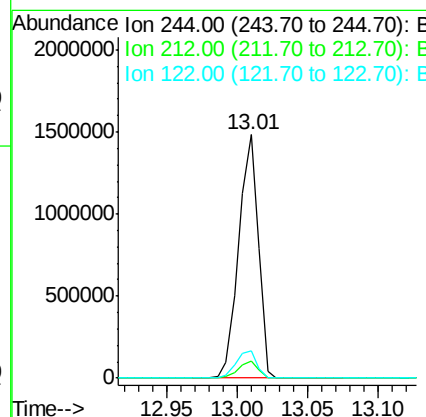
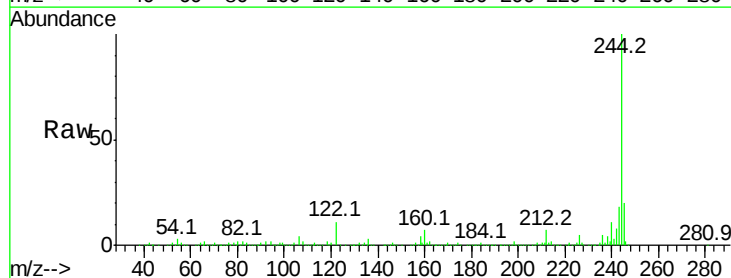
Instrument :
BNA_F
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TR-04-110617

Tot Ion:184 Resp: 77612
Ion Ratio Lower Upper
184 100
185 16.1 12.6 18.8
183 11.2 9.3 13.9



#78
Terphenyl-d14
Concen: 92.746 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100320.D
Acq: 9 Nov 2017 4:35

Tgt Ion:244 Resp: 1435718
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.5 11.0 16.4

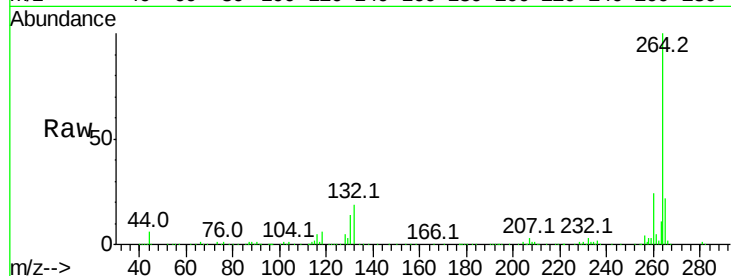




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100320.D
 Acq: 9 Nov 2017 4:35

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110617

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.1	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

