

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100329.D
 Acq On : 9 Nov 2017 8:37
 Operator : SJ/JU
 Sample : I6373-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-208

Quant Time: Nov 09 09:47:19 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

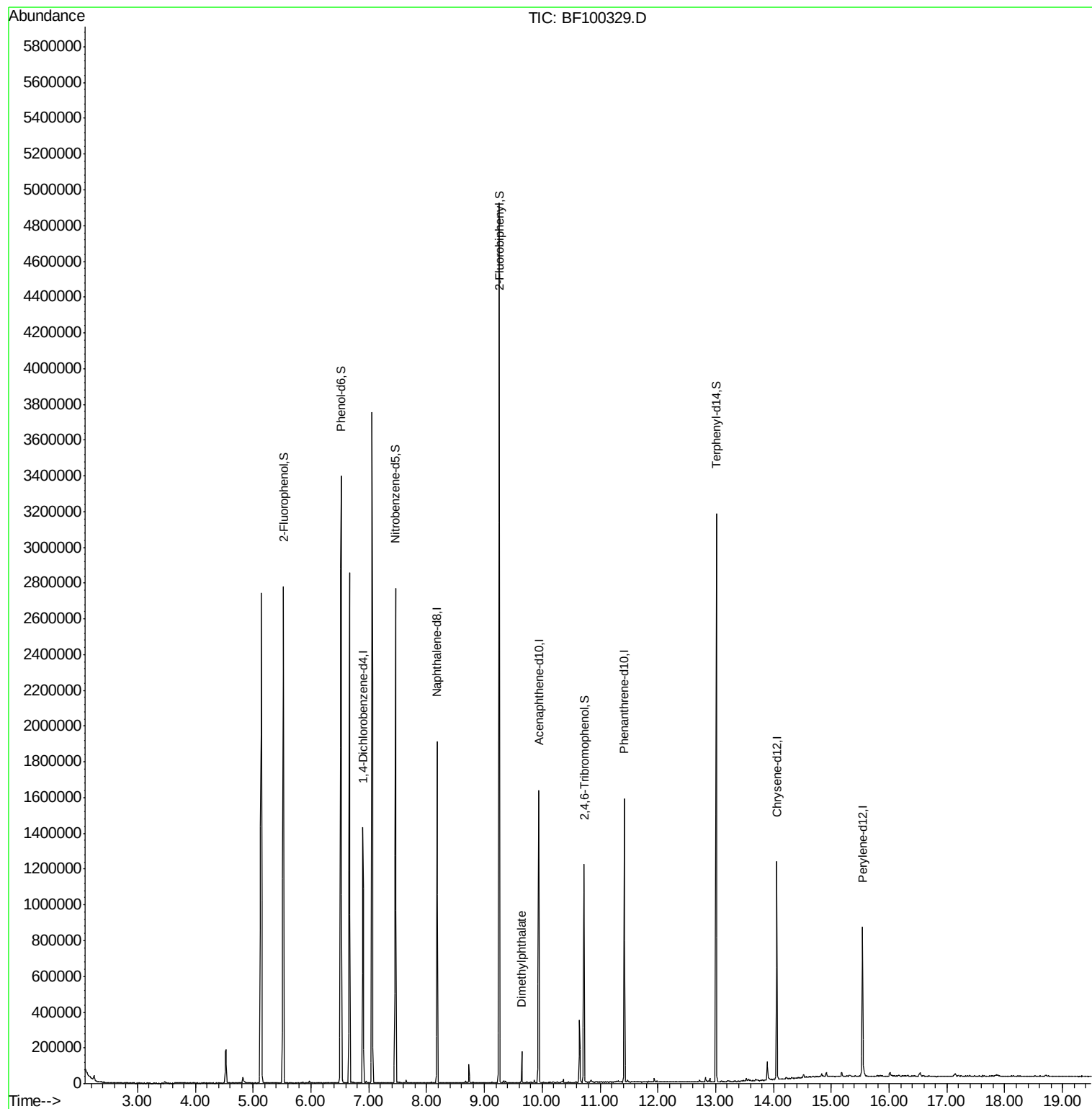
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	201195	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	781292	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	330630	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	515780	20.00	ng	0.00
75) Chrysene-d12	14.06	240	389356	20.00	ng	-0.01
86) Perylene-d12	15.54	264	378385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	745982	59.43	ng	0.01
7) Phenol-d6	6.52	99	1256380	81.18	ng	0.00
23) Nitrobenzene-d5	7.46	82	918731	77.74	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	136710	40.58	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1625074	74.84	ng	0.00
78) Terphenyl-d14	13.01	244	1093974	64.56	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	56115	2.223	ng	99

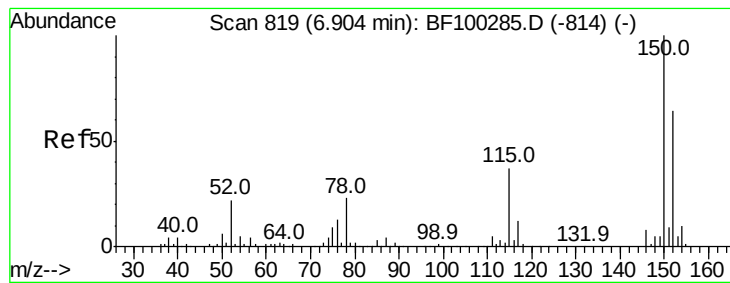
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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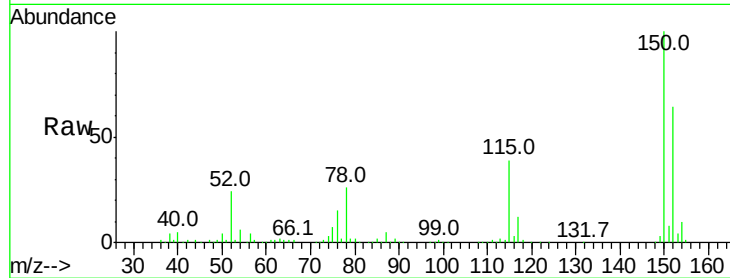


#1

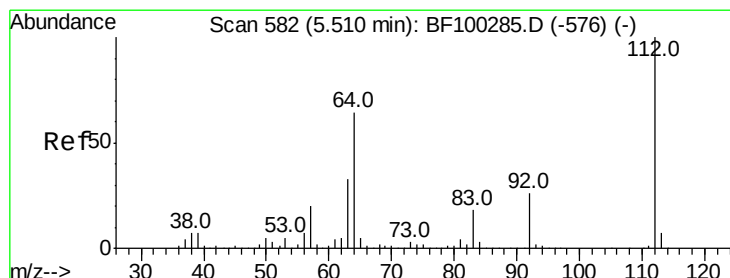
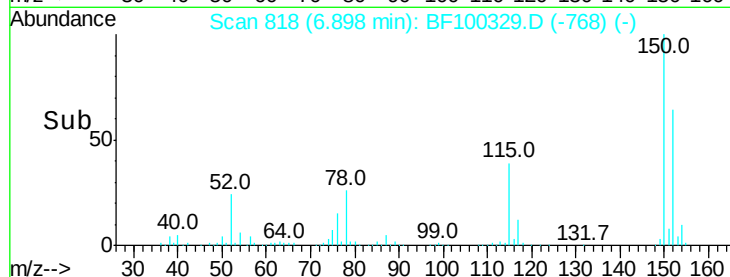
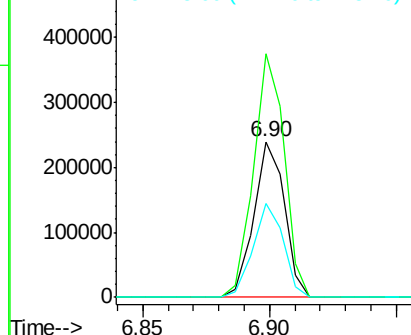
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100329.D
 Acq: 9 Nov 2017 8:37

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-208

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	60.8	50.1	75.1



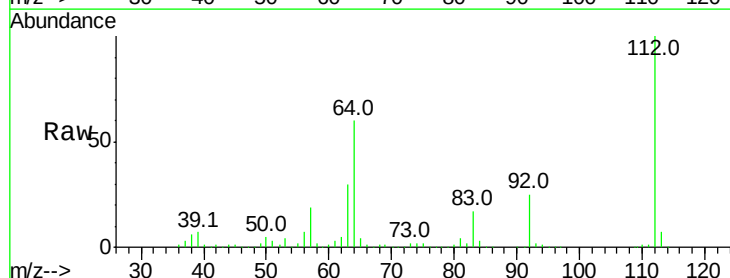
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



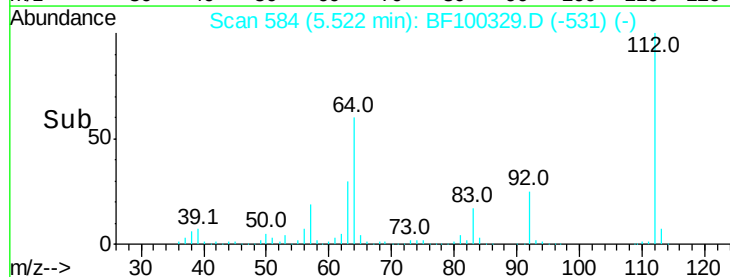
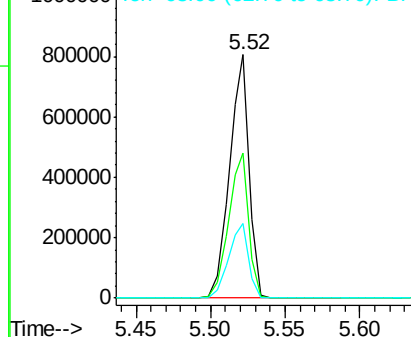
#5

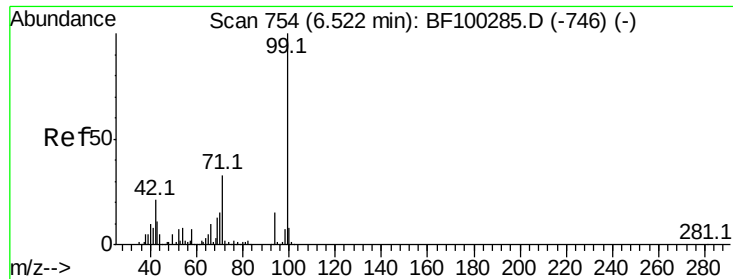
2-Fluorophenol
 Concen: 59.435 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF100329.D
 Acq: 9 Nov 2017 8:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.5	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: 81.175 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100329.D

Acq: 9 Nov 2017 8:37

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-208

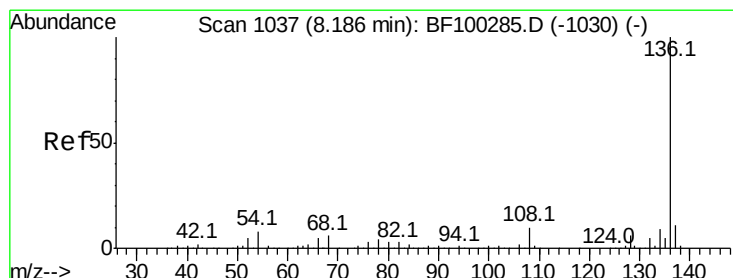
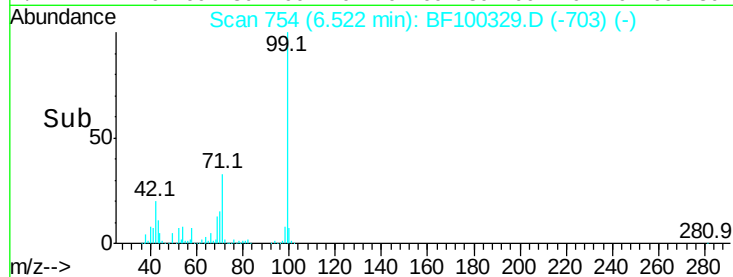
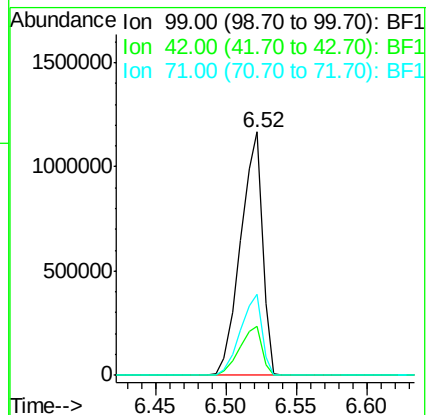
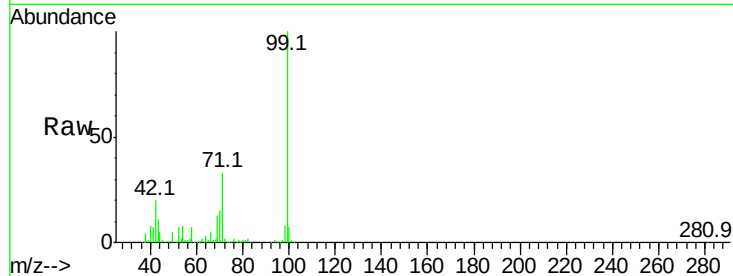
Tot Ion: 99 Resp: 1256380

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 33.3 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: BF100329.D

Acq: 9 Nov 2017 8:37

Tgt Ion: 136 Resp: 781292

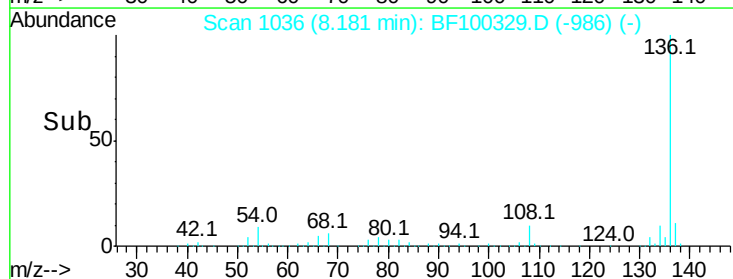
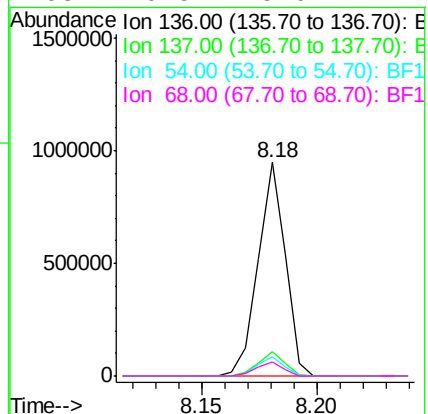
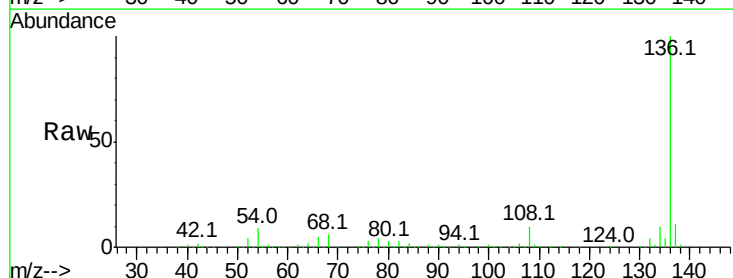
Ion Ratio Lower Upper

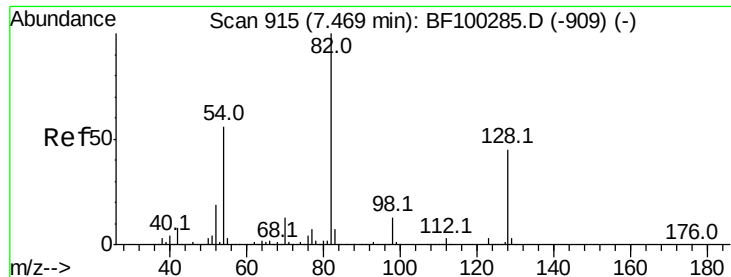
136 100

137 11.2 8.9 13.3

54 9.1 6.6 9.8

68 6.5 5.0 7.4

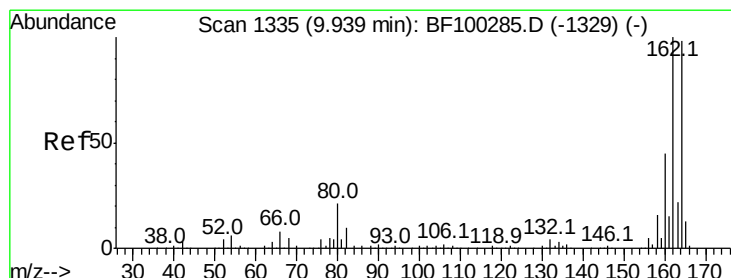
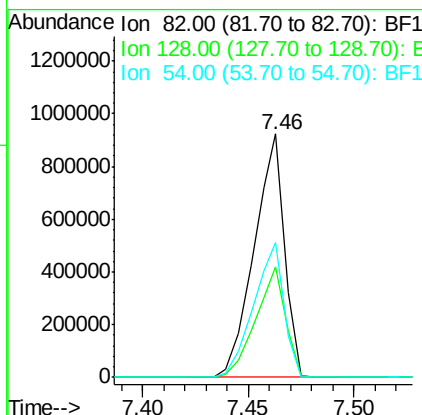
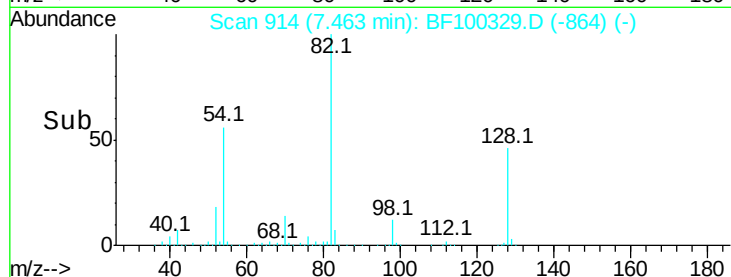
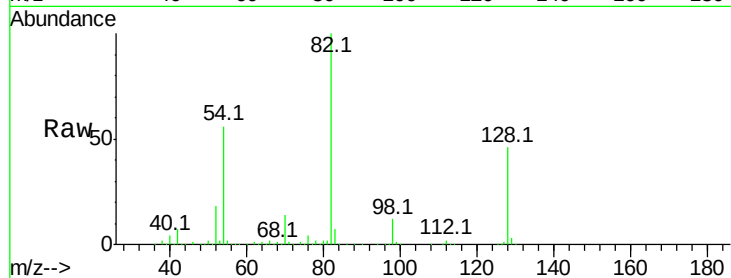




#23
 Nitrobenzene-d5
 Concen: 77.744 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100329.D
 Acq: 9 Nov 2017 8:37

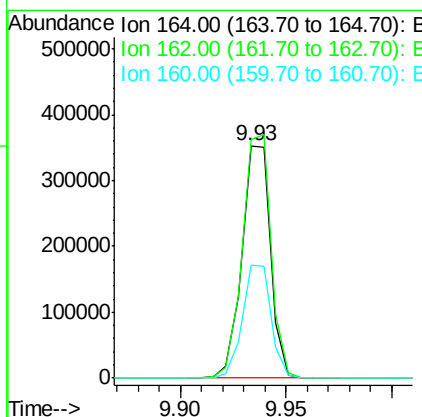
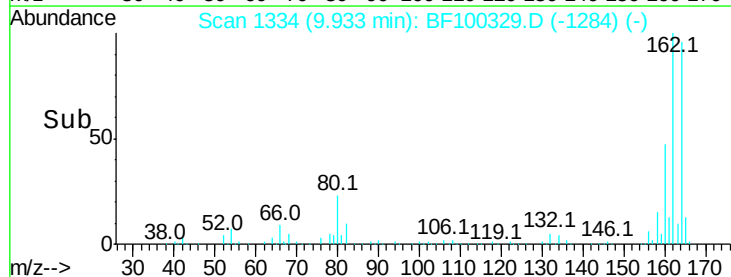
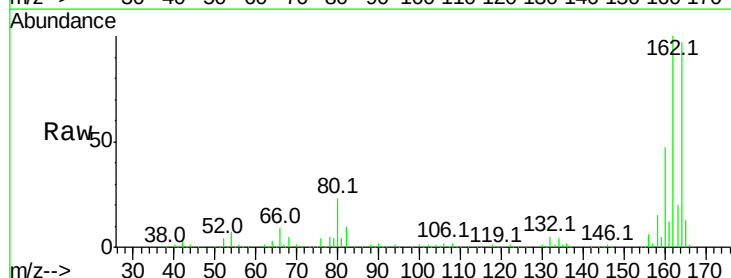
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-208

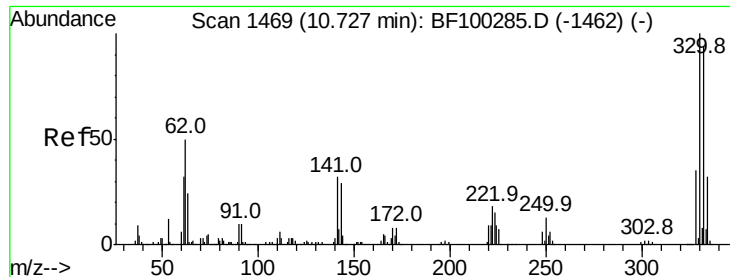
Tot Ion	82	Resp	918731
Ion Ratio	100	Lower	Upper
128	45.5	36.1	54.1
54	55.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100329.D
 Acq: 9 Nov 2017 8:37

Tgt Ion	164	Resp	330630
Ion Ratio	100	Lower	Upper
162	103.0	86.1	129.1
160	48.5	38.3	57.5

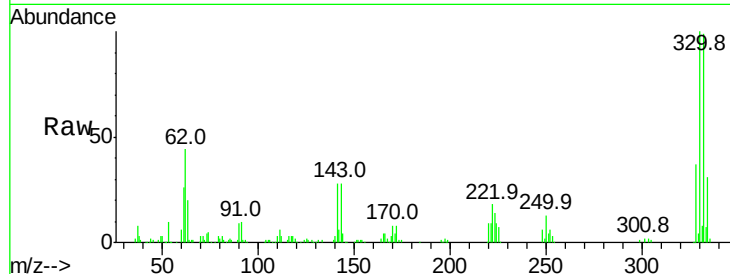




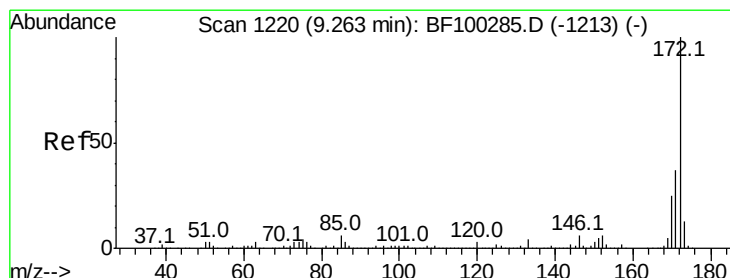
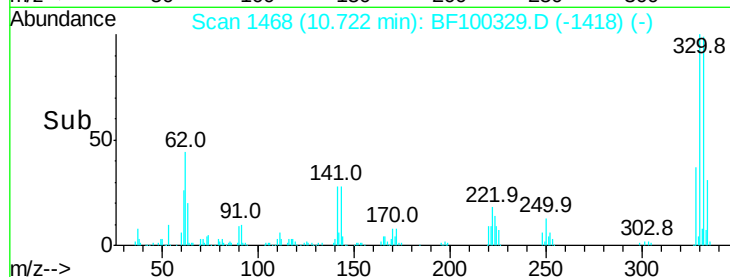
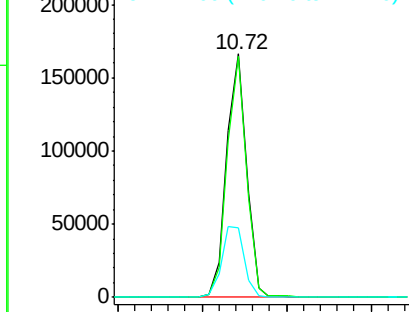
#41
 2,4,6-Tribromophenol
 Concen: 40.577 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100329.D
 Acq: 9 Nov 2017 8:37

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-208

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.8	29.9	44.9

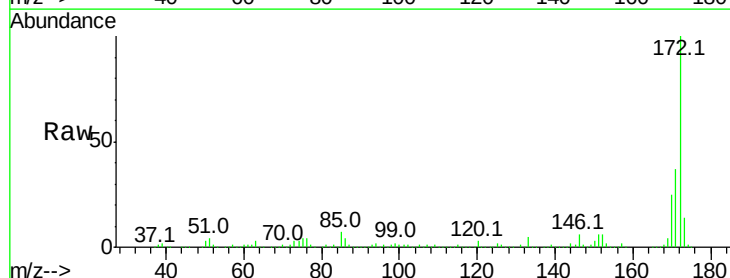


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

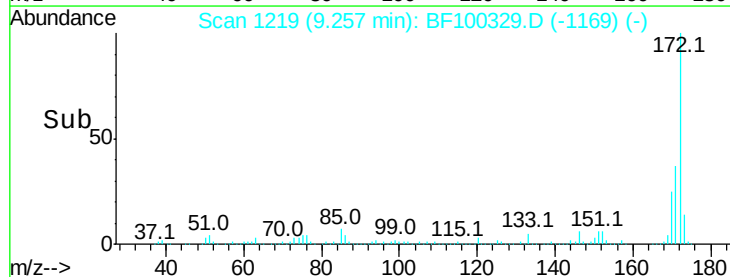
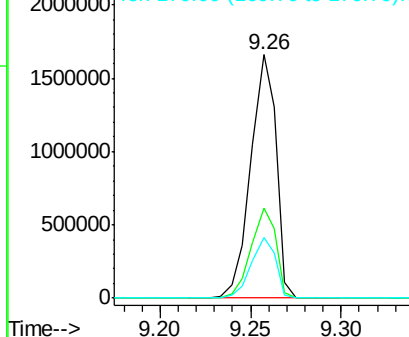


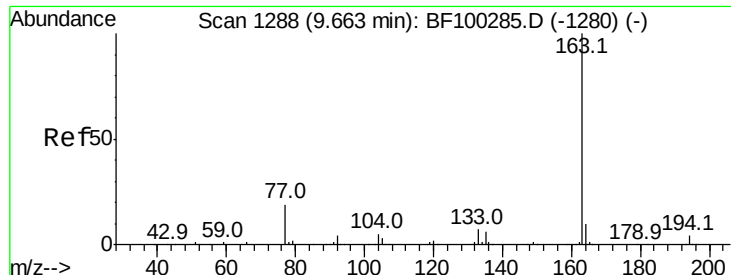
#44
 2-Fluorobiphenyl
 Concen: 74.843 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF100329.D
 Acq: 9 Nov 2017 8:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	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

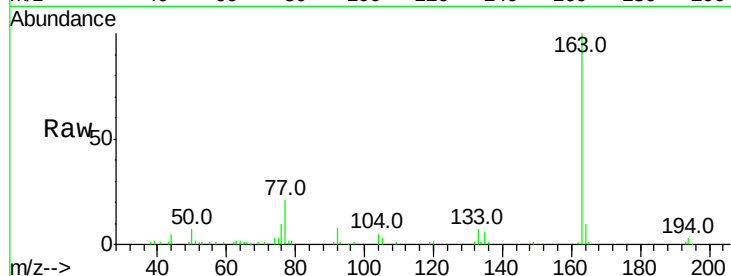




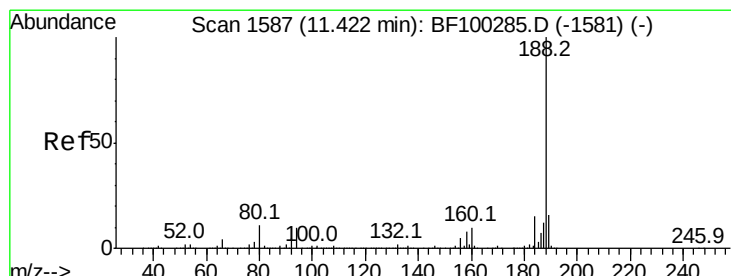
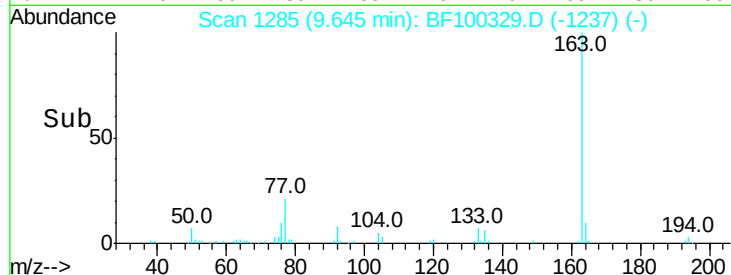
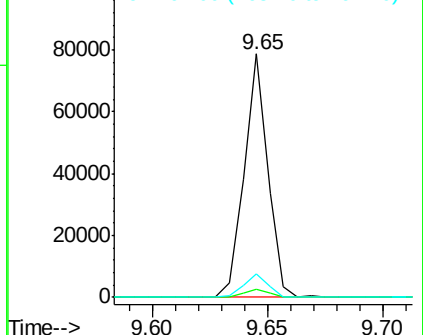
#49
Dimethylphthalate
Concen: 2.223 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100329.D
Acq: 9 Nov 2017 8:37

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-208

Tot Ion:163 Resp: 56115
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2

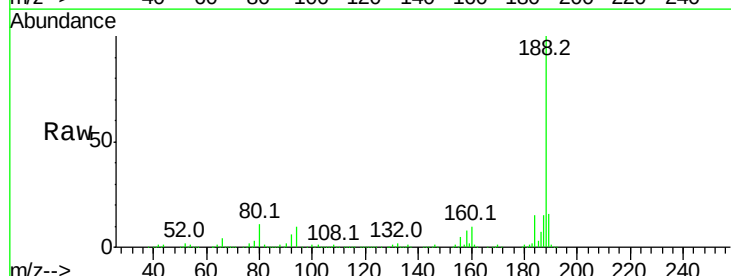


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

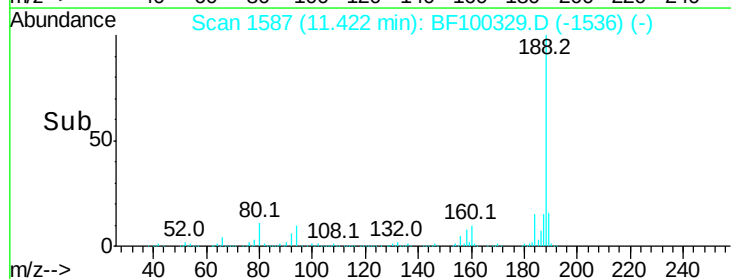
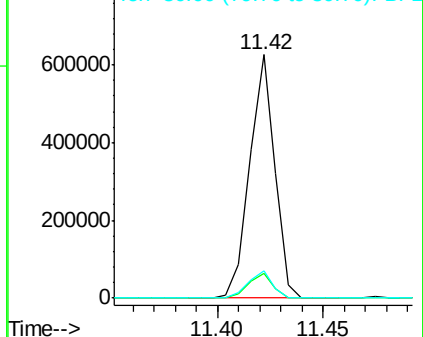


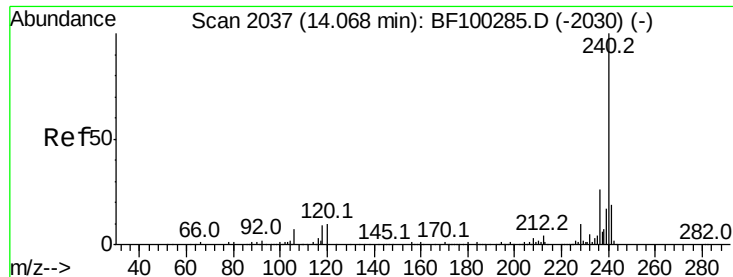
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF100329.D
Acq: 9 Nov 2017 8:37

Tgt Ion:188 Resp: 515780
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.4 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: BF100329.D

Acq: 9 Nov 2017 8:37

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-208

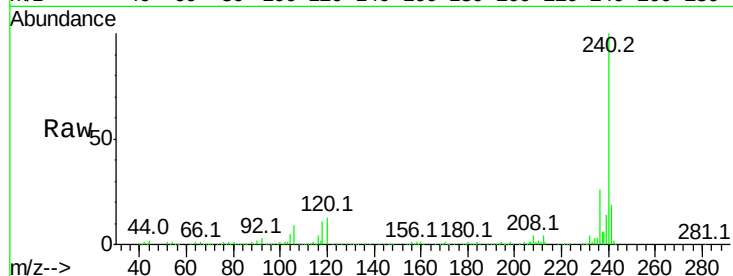
Tot Ion:240 Resp: 389356

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

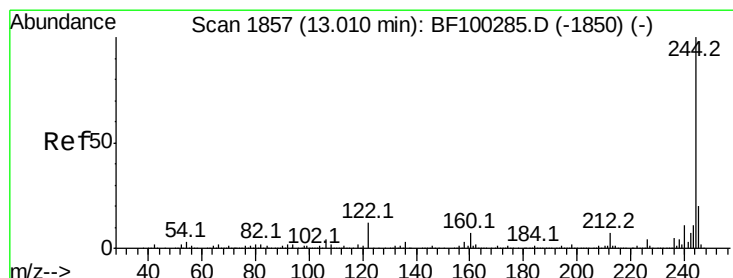
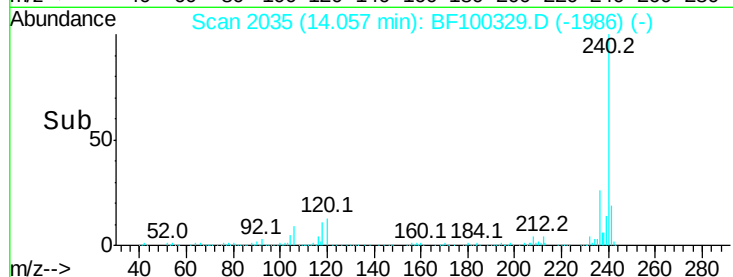
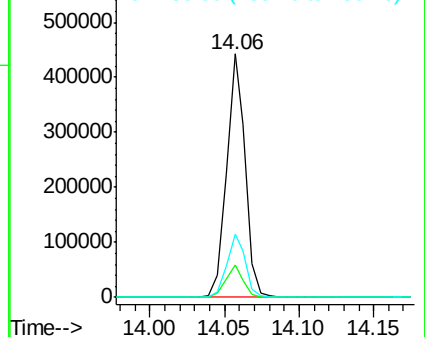
236 25.9 20.7 31.1



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: 64.559 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100329.D

Acq: 9 Nov 2017 8:37

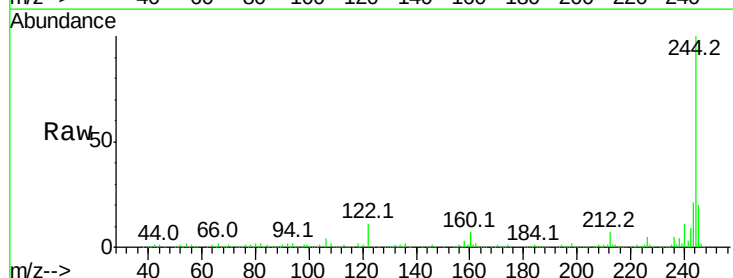
Tgt Ion:244 Resp: 1093974

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

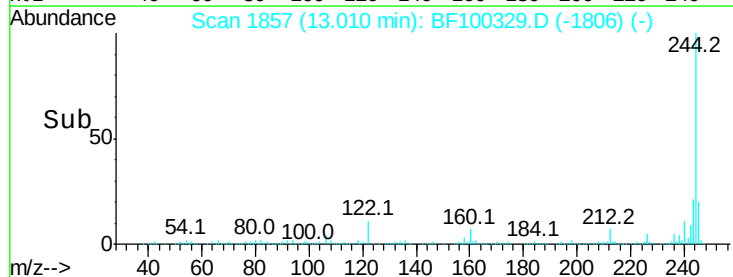
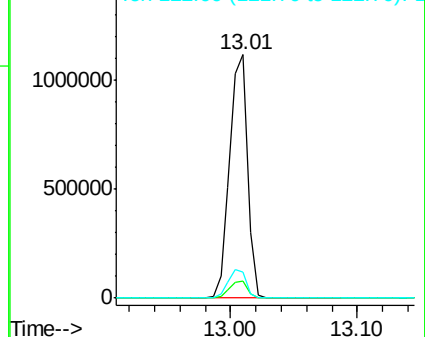
122 10.9 11.0 16.4#

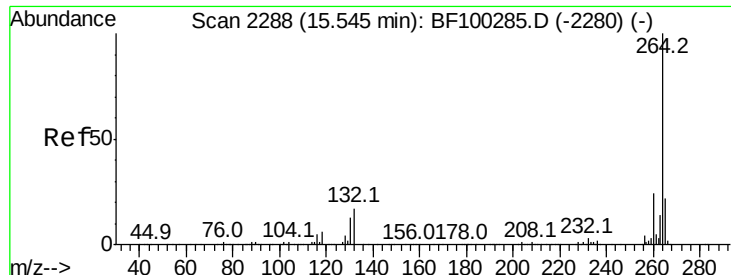


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

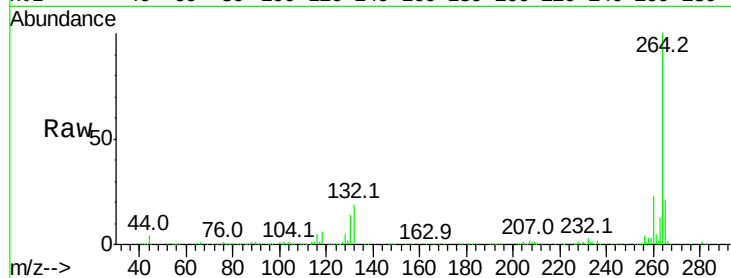




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100329.D
 Acq: 9 Nov 2017 8:37

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-208

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	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

