

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099364.D
 Acq On : 12 Oct 2017 00:27
 Operator : SJ/JU
 Sample : I5710-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-(4-4.5)

Quant Time: Oct 12 01:42:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

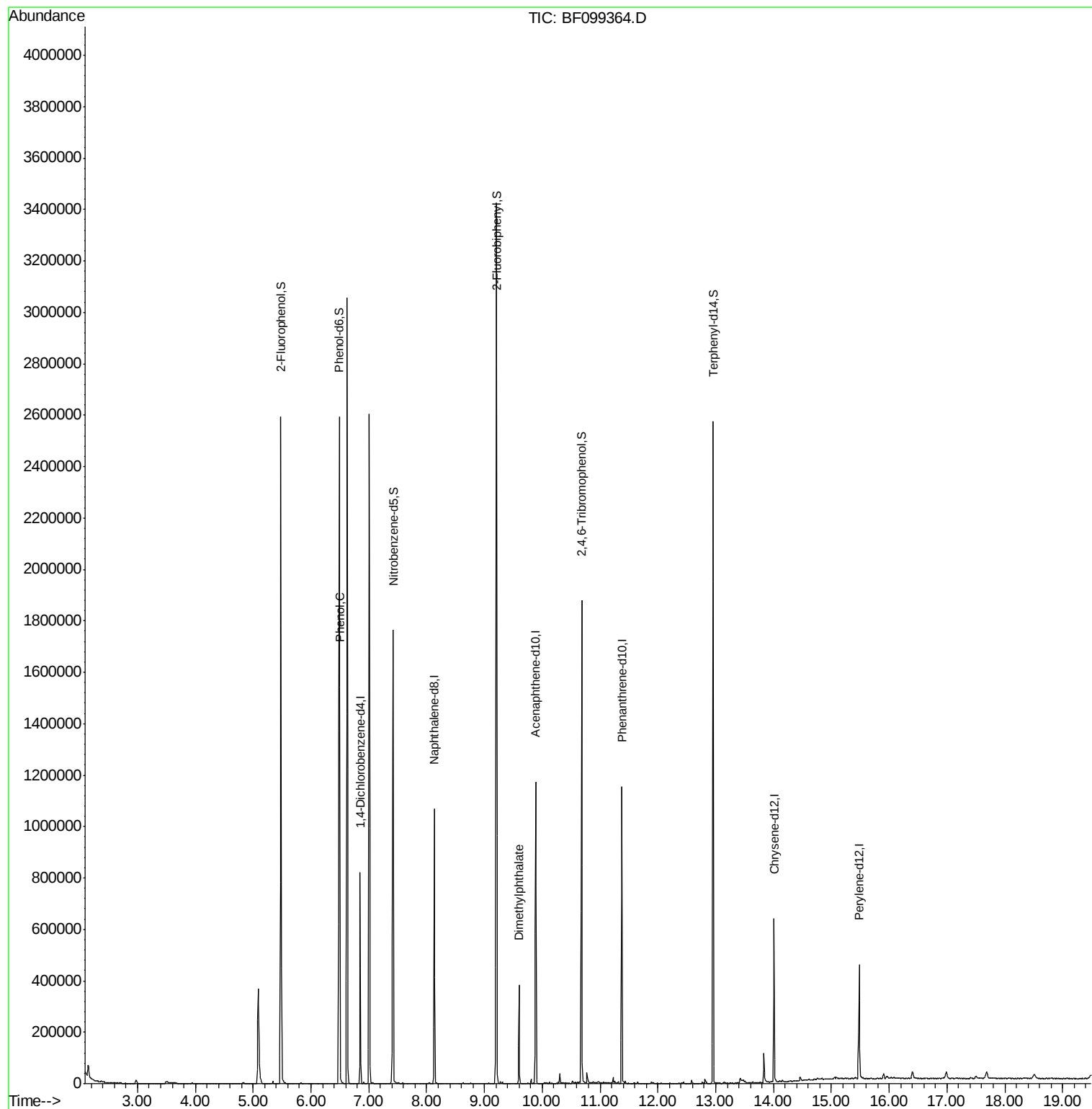
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118344	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	479877	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	219417	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	375070	20.00	ng	0.00
75) Chrysene-d12	14.01	240	194299	20.00	ng	0.00
86) Perylene-d12	15.48	264	184925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	937420	126.10	ng	0.02
7) Phenol-d6	6.49	99	1129694	123.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	687608	91.89	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	231496	128.94	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1148664	87.40	ng	0.00
78) Terphenyl-d14	12.96	244	830353	97.19	ng	0.00
Target Compounds						
10) Phenol	6.50	94	30662	2.990	ng	94
49) Dimethylphthalate	9.60	163	144140	8.704	ng	99

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

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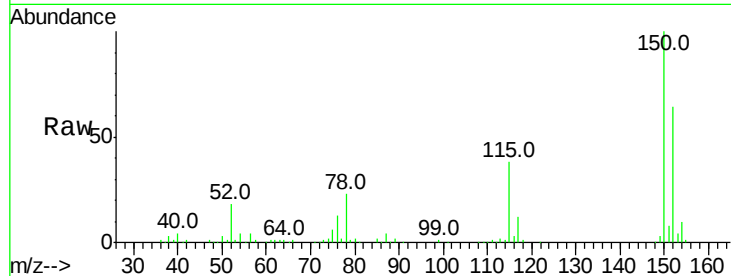


#1

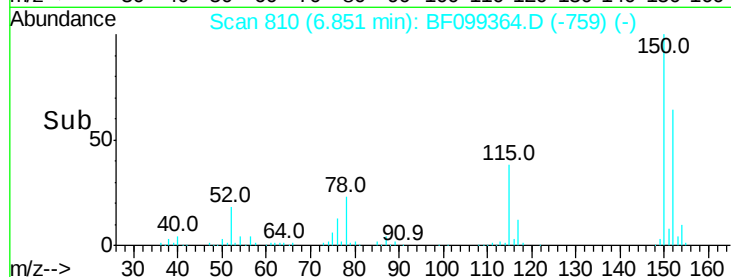
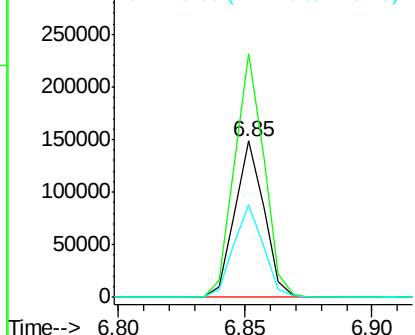
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-(4-4.5)

Tot Ion:152 Resp: 118344
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 59.2 50.1 75.1



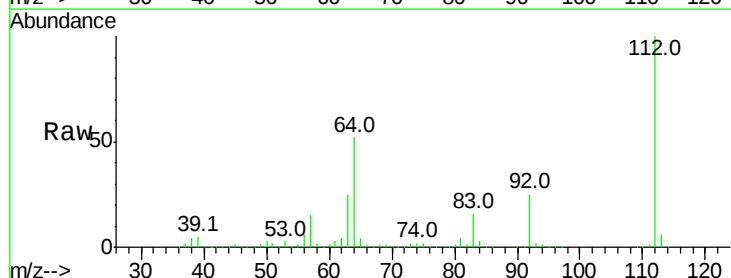
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



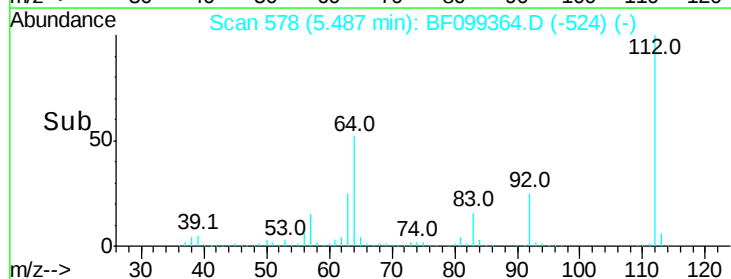
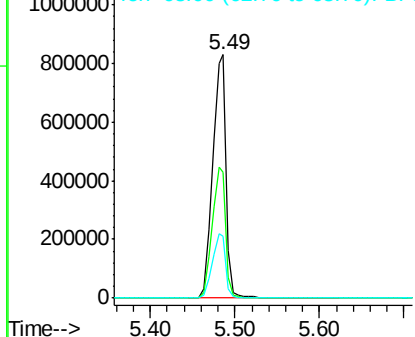
#5

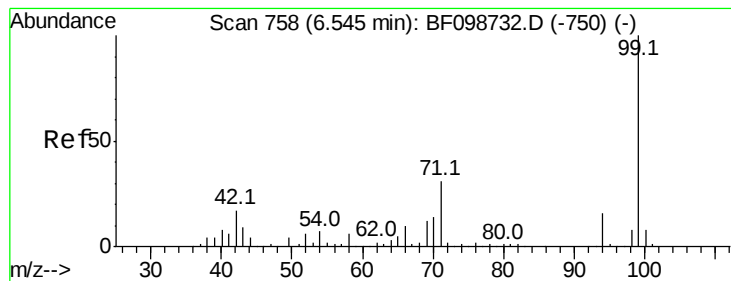
2-Fluorophenol
 Concen: 126.097 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Tgt Ion:112 Resp: 937420
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 25.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.183 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

Instrument :

BNA_F

ClientSampleId :

SB-33-(4-4.5)

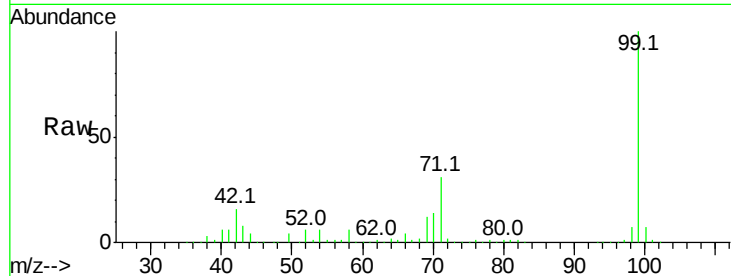
Tot Ion: 99 Resp: 1129694

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	31.4	25.4	38.0

99 100

42 15.9 14.5 21.7

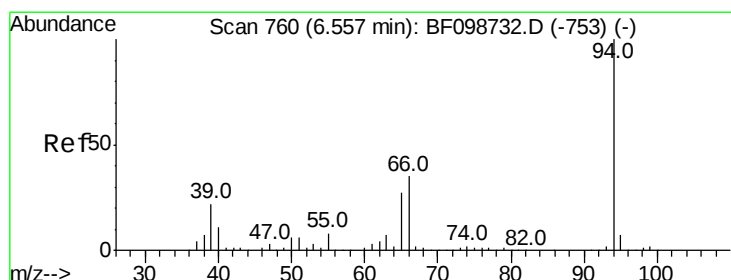
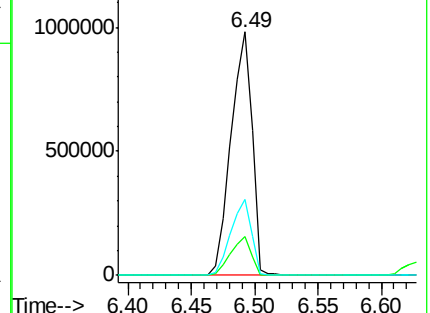
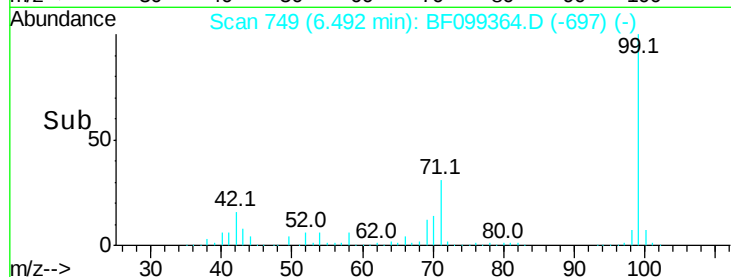
71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.990 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

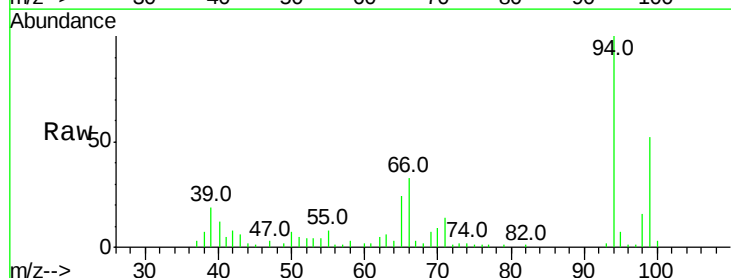
Tgt Ion: 94 Resp: 30662

Ion	Ratio	Lower	Upper
94	100		
65	24.0	7.9	47.9
66	33.1	16.2	56.2

94 100

65 24.0 7.9 47.9

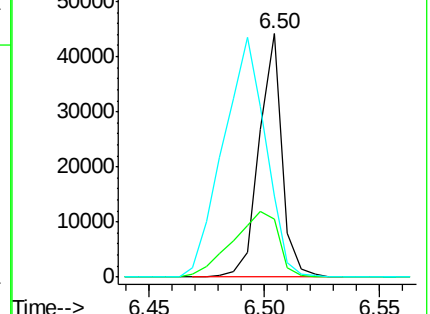
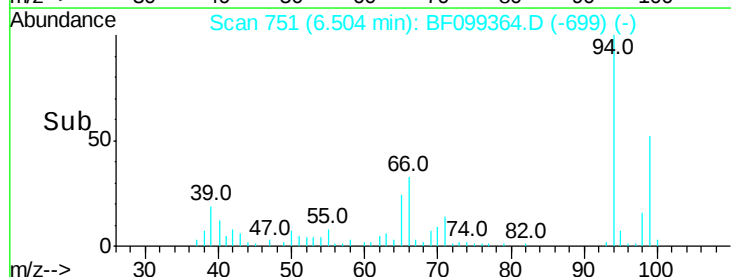
66 33.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

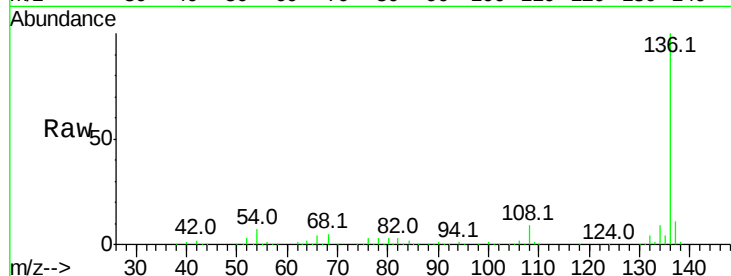




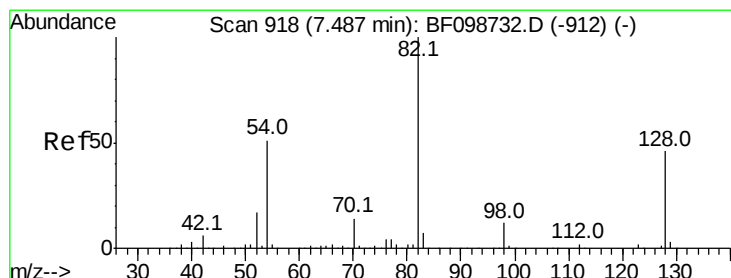
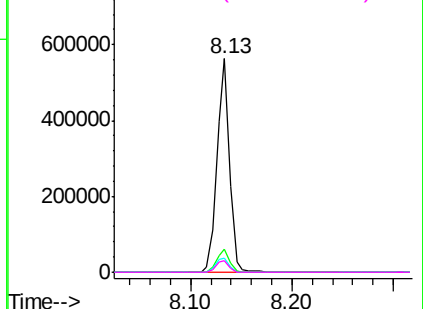
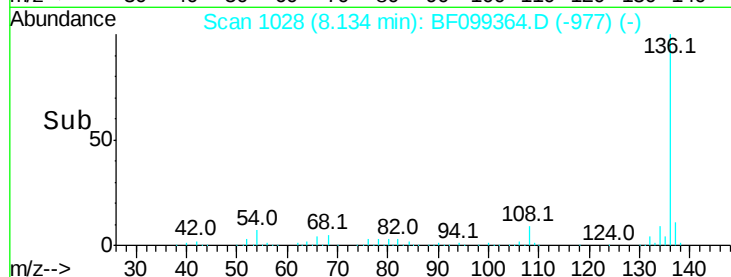
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Instrument :
BNA_F
ClientSampleId :
SB-33-(4-4.5)

Tot Ion:	136	Resp:	479877
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.4	5.0	7.4

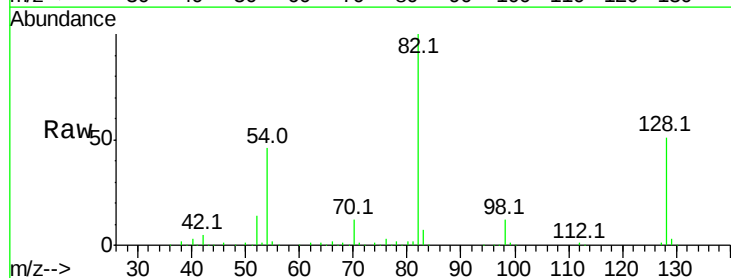


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

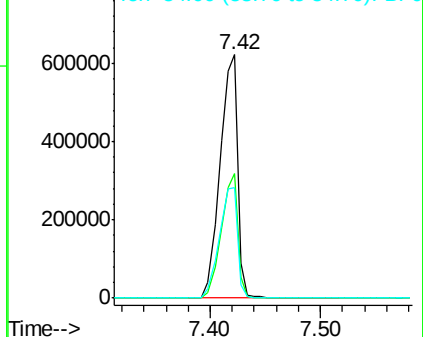
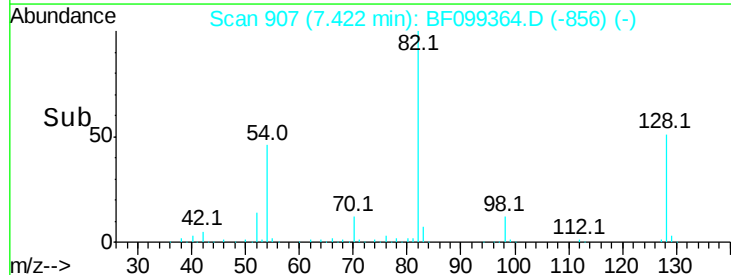


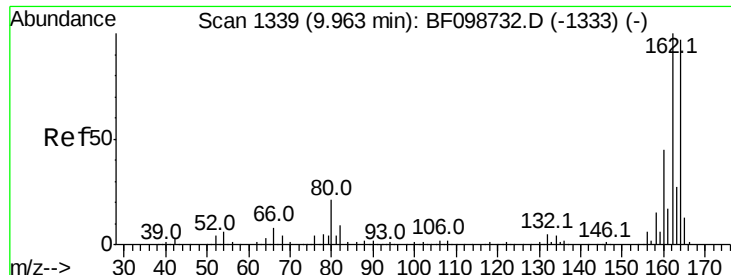
#23
Nitrobenzene-d5
Concen: 91.891 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Tgt Ion:	82	Resp:	687608
Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	45.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

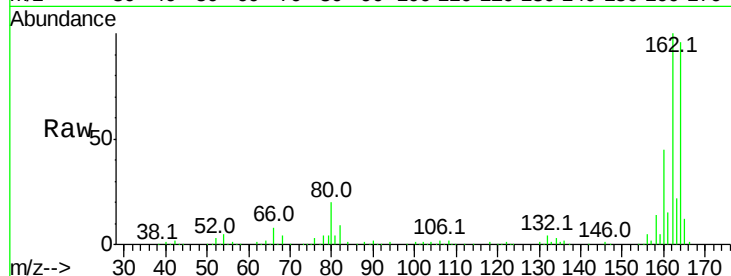




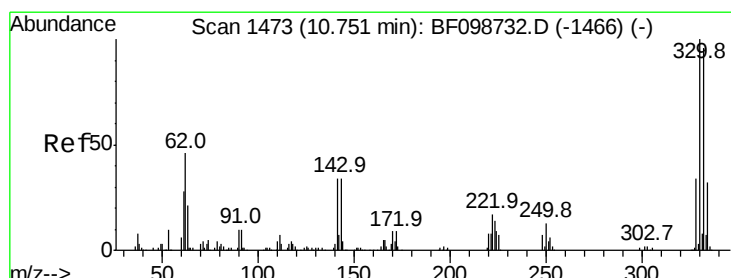
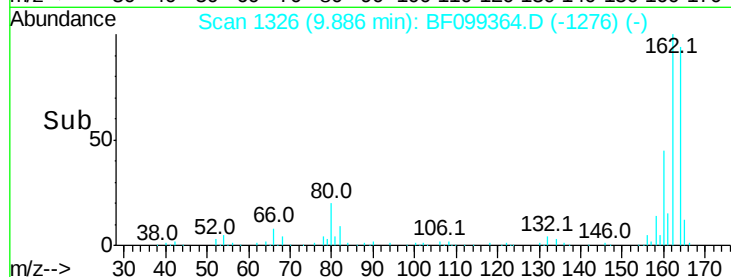
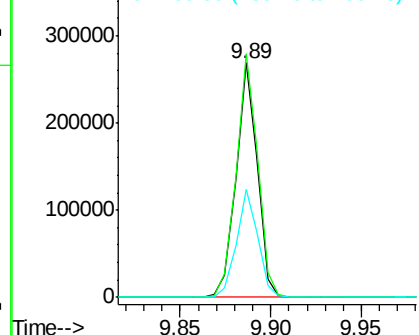
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-(4-4.5)

Tot Ion:164 Resp: 219417
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.3 38.3 57.5

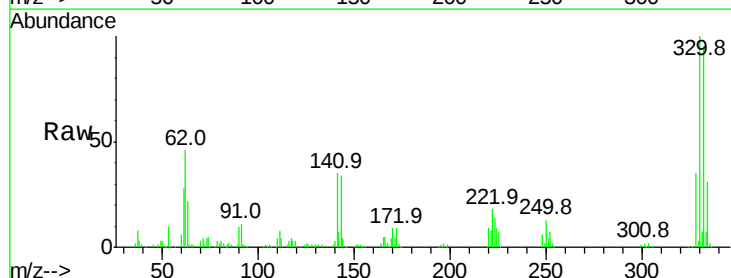


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

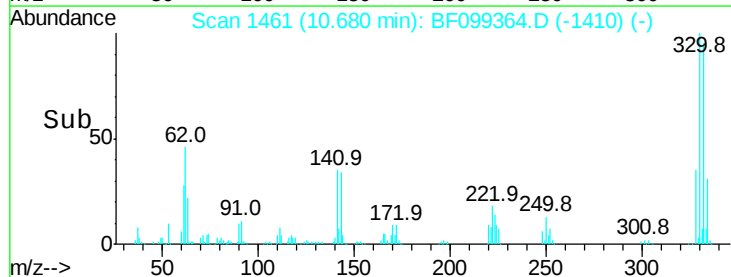
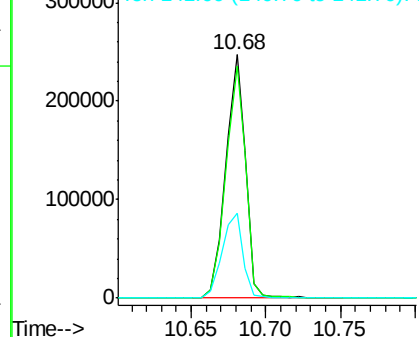


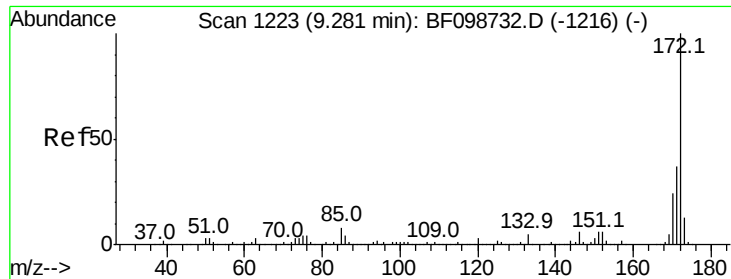
#41
 2,4,6-Tribromophenol
 Concen: 128.937 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Tgt Ion:330 Resp: 231496
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 36.8 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



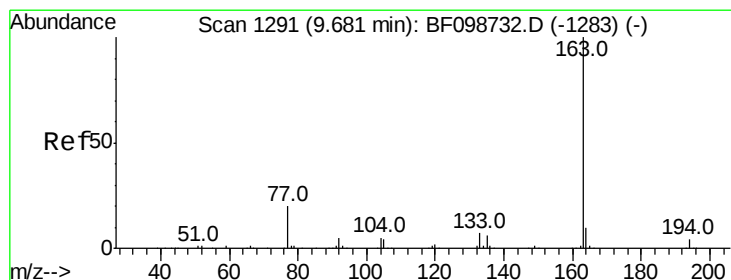
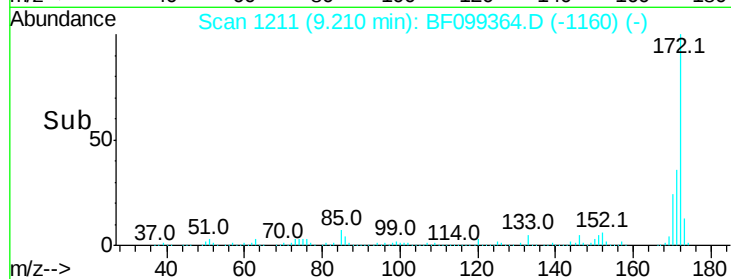
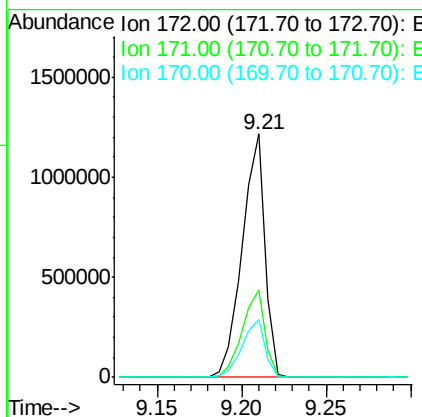
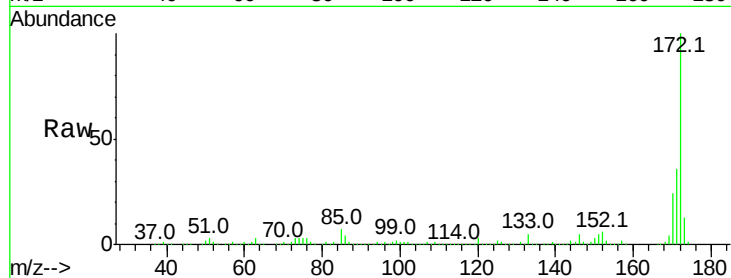


#44
 2-Fluorobiphenyl
 Concen: 87.395 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-(4-4.5)

Tot Ion:172 Resp: 1148664

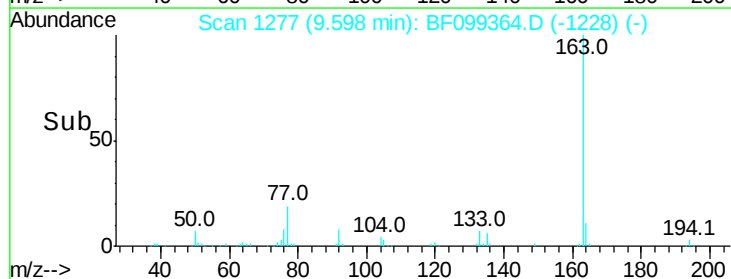
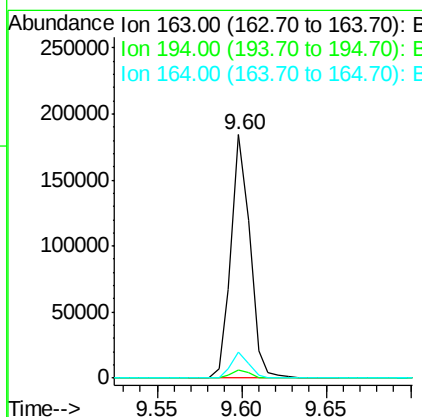
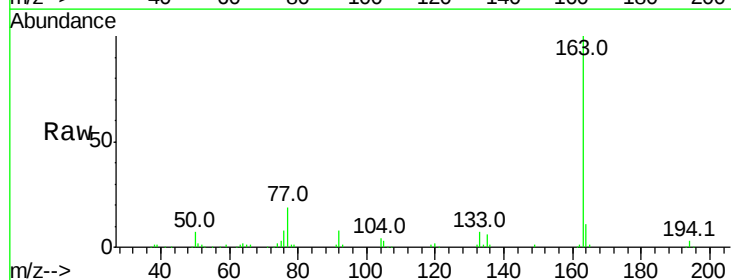
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

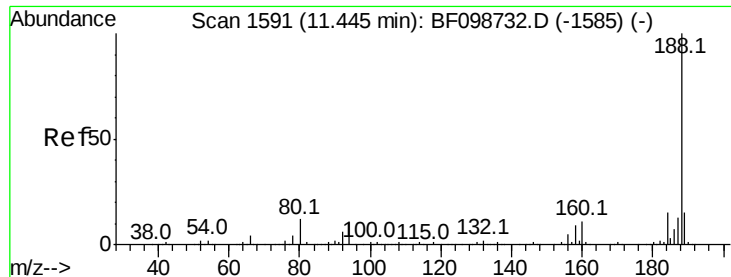


#49
 Dimethylphthalate
 Concen: 8.704 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF099364.D
 Acq: 12 Oct 2017 00:27

Tgt Ion:163 Resp: 144140

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.5	8.2	12.2

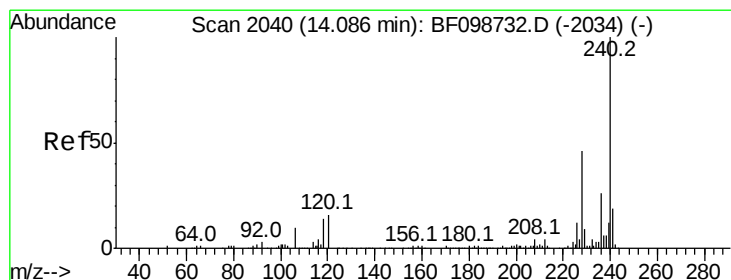
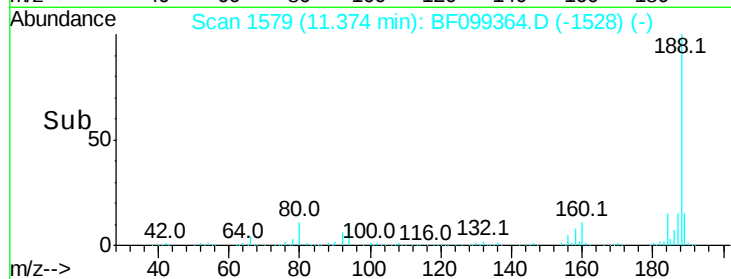
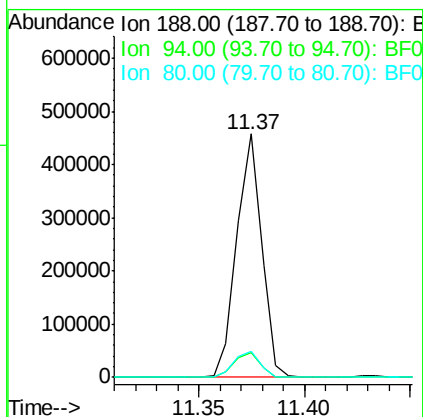
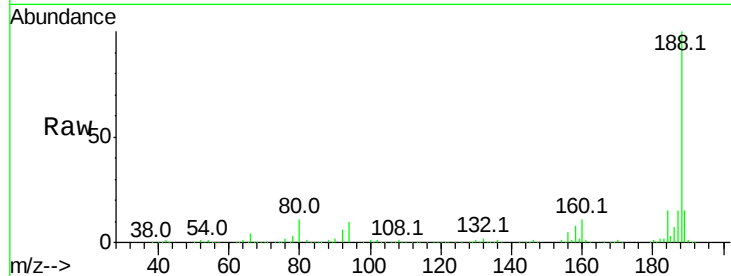




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

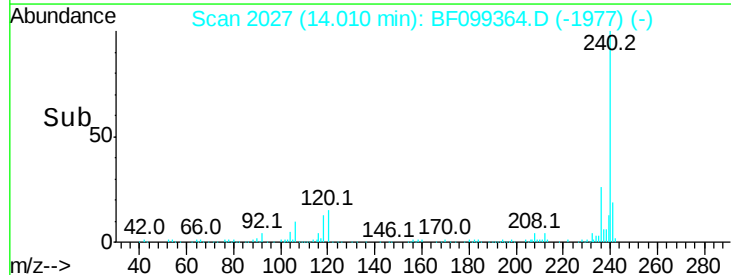
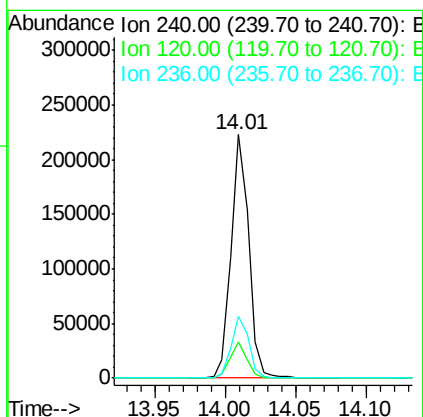
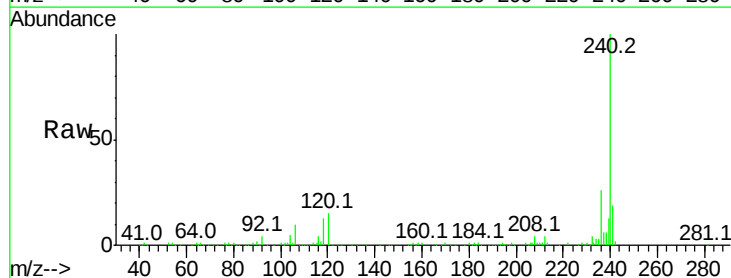
Instrument :
BNA_F
ClientSampleId :
SB-33-(4-4.5)

Tot Ion:188 Resp: 375070
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099364.D
Acq: 12 Oct 2017 00:27

Tgt Ion:240 Resp: 194299
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 97.190 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

Instrument :

BNA_F

ClientSampleId :

SB-33-(4-4.5)

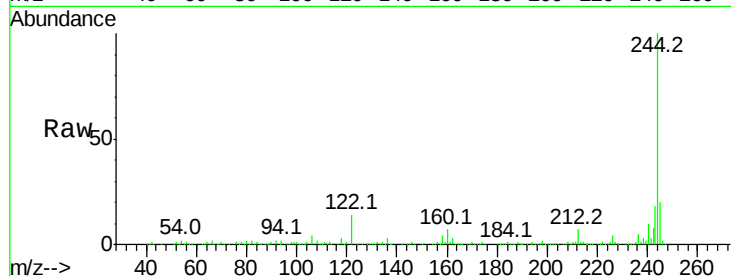
Tot Ion:244 Resp: 830353

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

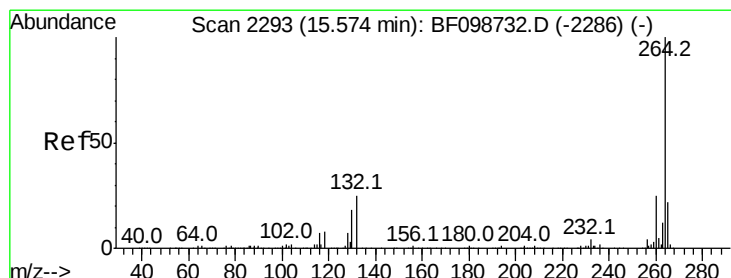
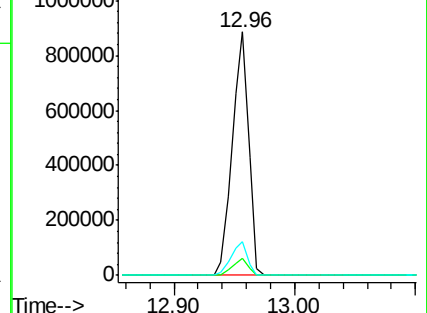
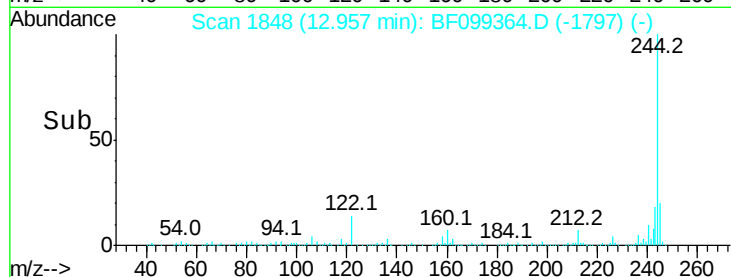
122 13.6 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF099364.D

Acq: 12 Oct 2017 00:27

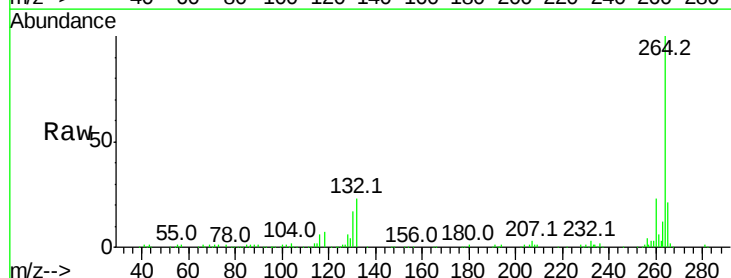
Tgt Ion:264 Resp: 184925

Ion Ratio Lower Upper

264 100

260 23.2 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

