

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099361.D
 Acq On : 11 Oct 2017 23:02
 Operator : SJ/JU
 Sample : I5710-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29A

Quant Time: Oct 12 01:32:57 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

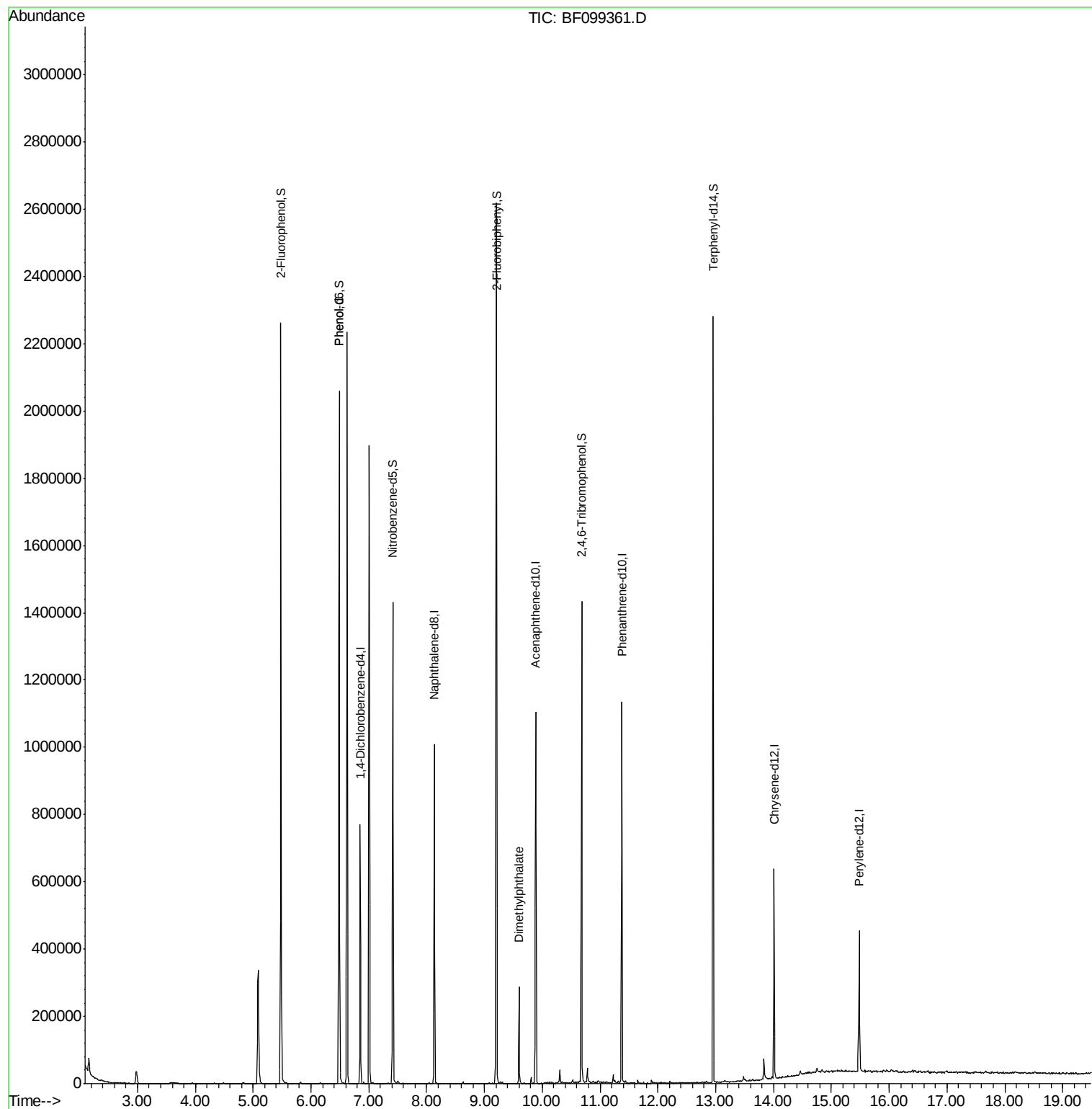
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112379	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	457056	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	209229	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	368944	20.00	ng	0.00
75) Chrysene-d12	14.01	240	202135	20.00	ng	0.00
86) Perylene-d12	15.48	264	176749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	707106	100.16	ng	0.01
7) Phenol-d6	6.49	99	847254	97.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	487043	68.34	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	167592	97.89	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	898084	71.66	ng	0.00
78) Terphenyl-d14	12.96	244	723670	81.42	ng	0.00
Target Compounds						
10) Phenol	6.50	94	29650	3.044	ng	92
49) Dimethylphthalate	9.60	163	113125	7.164	ng	99

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

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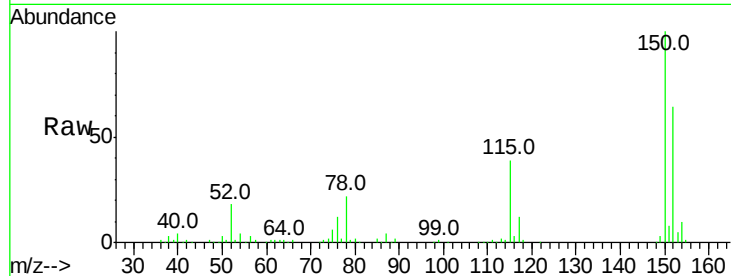


#1

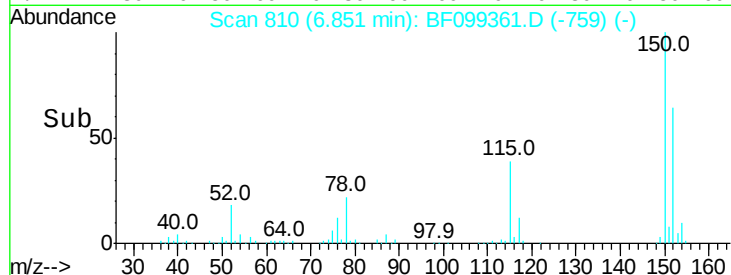
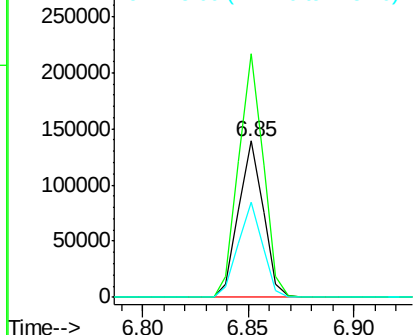
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

Instrument :
 BNA_F
 ClientSampled :
 SB-29A

Tot Ion:152 Resp: 112379
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 61.3 50.1 75.1



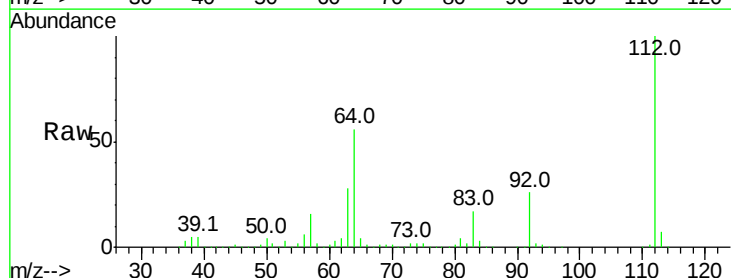
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



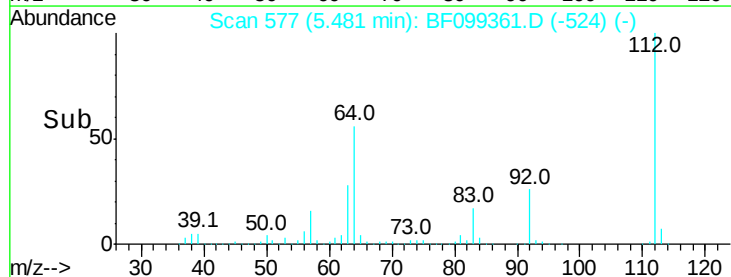
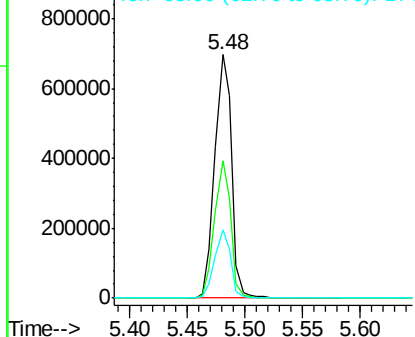
#5

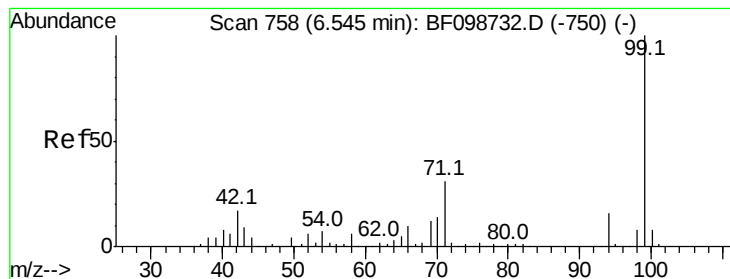
2-Fluorophenol
 Concen: 100.165 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099361.D
 Acq: 11 Oct 2017 23:02

Tgt Ion:112 Resp: 707106
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 27.9 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: 97.289 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

Instrument :

BNA_F

ClientSampleId :

SB-29A

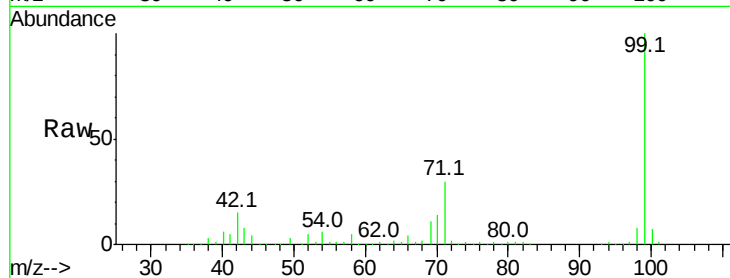
Tot Ion: 99 Resp: 847254

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

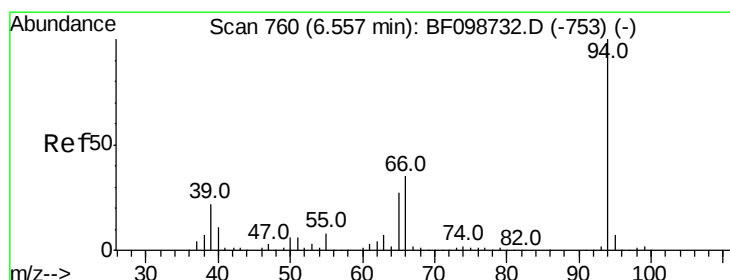
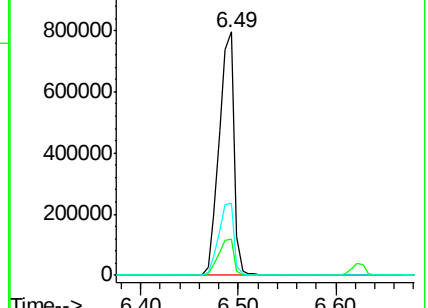
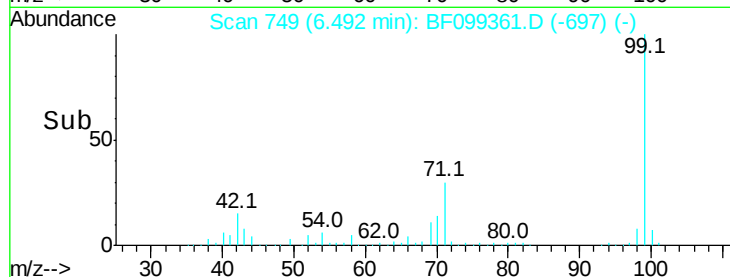
71 29.7 25.4 38.0



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: 3.044 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

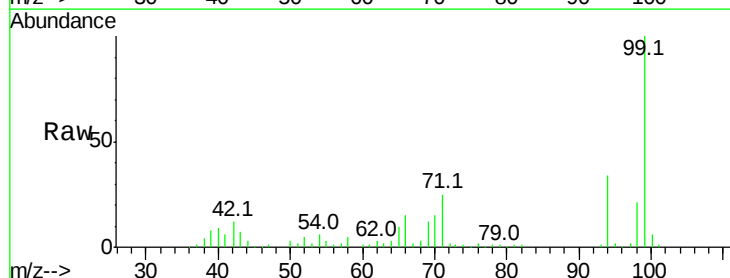
Tgt Ion: 94 Resp: 29650

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

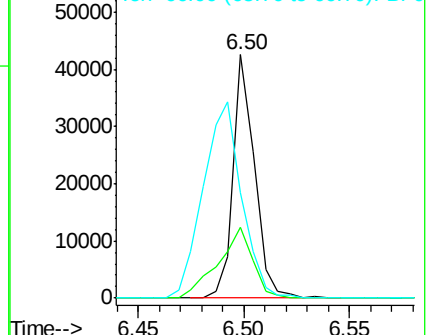
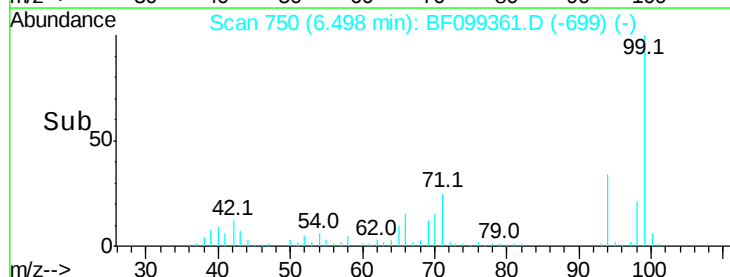
66 43.5 16.2 56.2



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

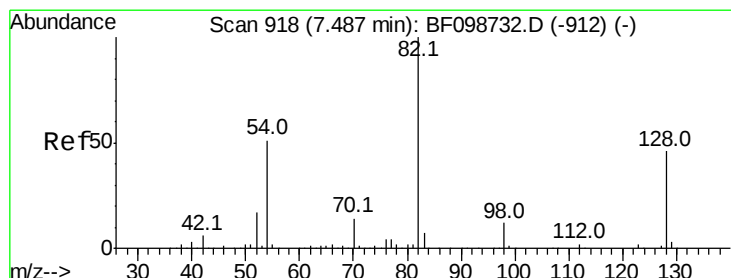
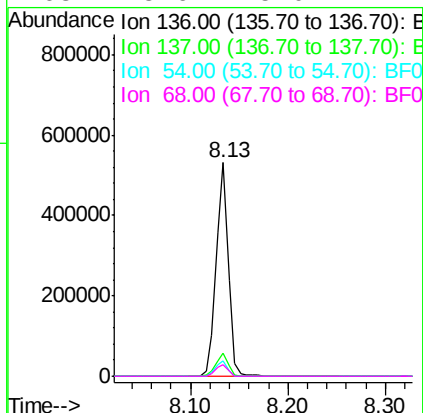
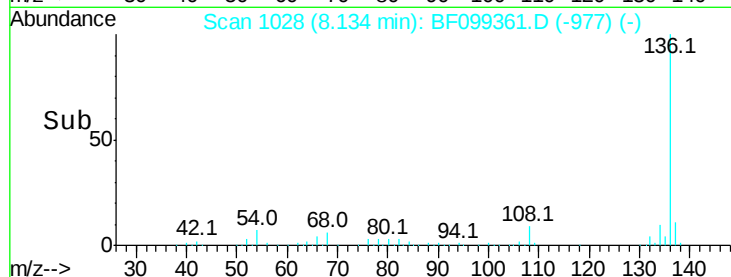
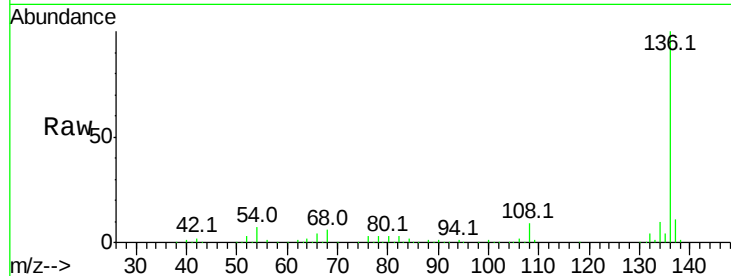




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

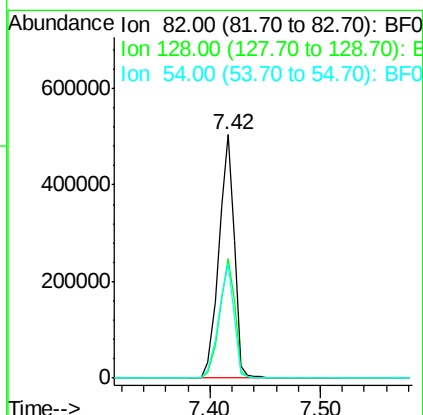
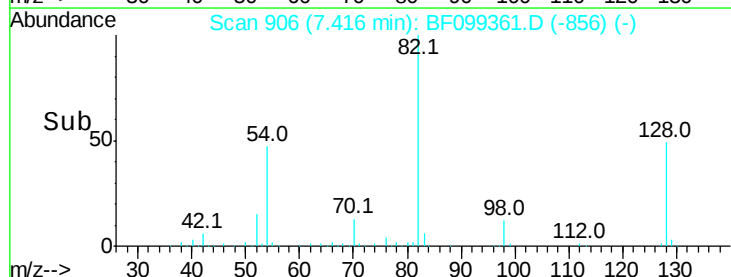
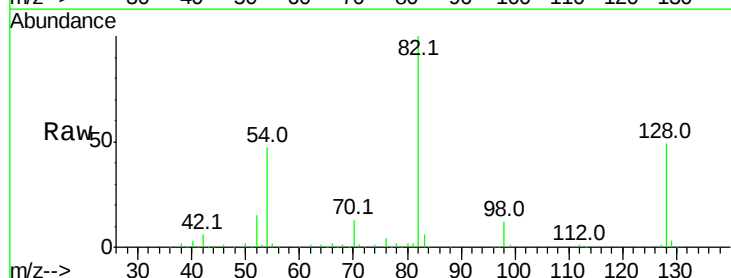
Instrument :
BNA_F
ClientSampleId :
SB-29A

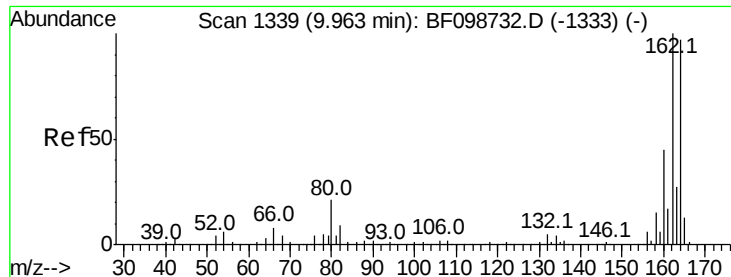
Tot Ion:	136	Resp:	457056
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 68.338 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Tgt Ion:	82	Resp:	487043
Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	46.8	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

Instrument :

BNA_F

ClientSampleId :

SB-29A

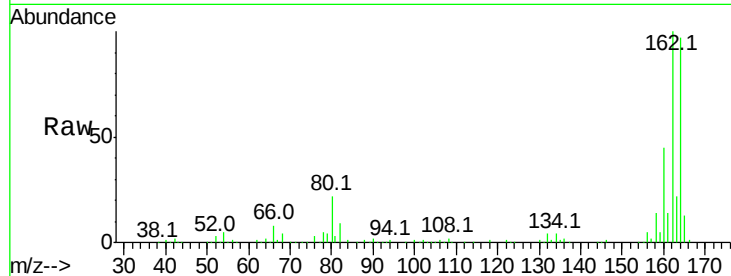
Tot Ion:164 Resp: 209229

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

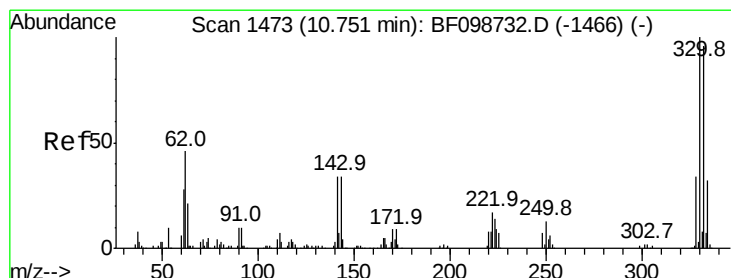
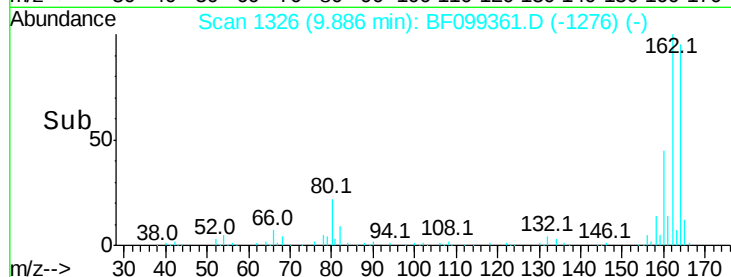
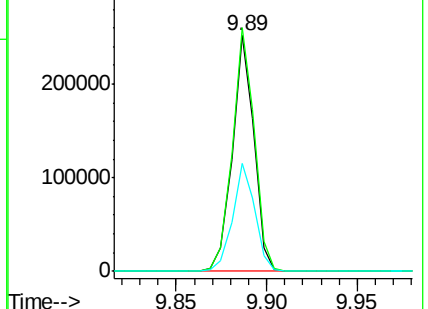
160 46.0 38.3 57.5



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: 97.889 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

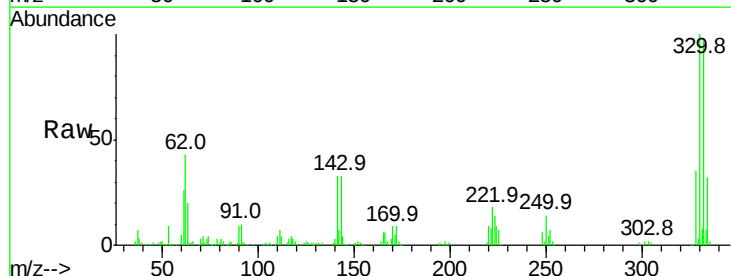
Tgt Ion:330 Resp: 167592

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

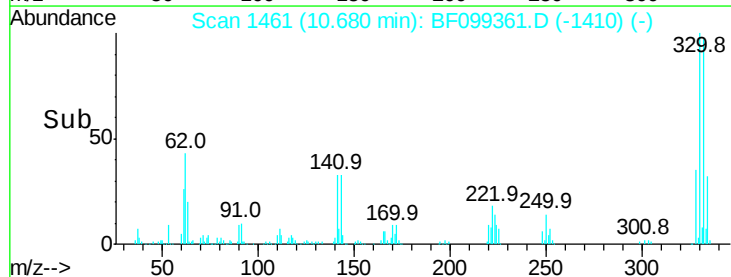
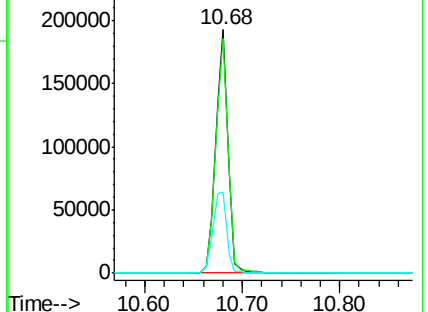
141 37.8 29.9 44.9

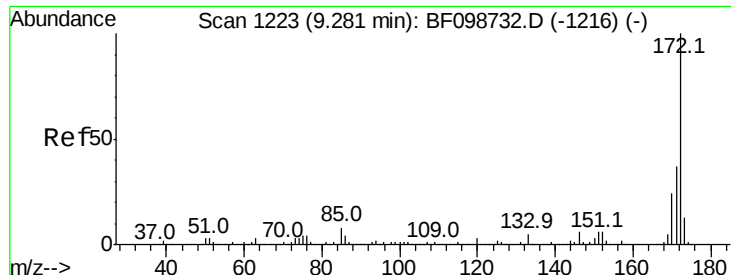


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

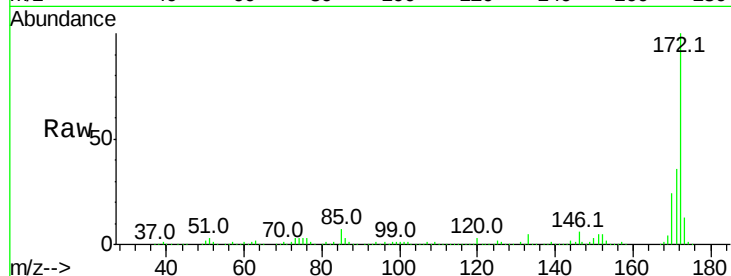




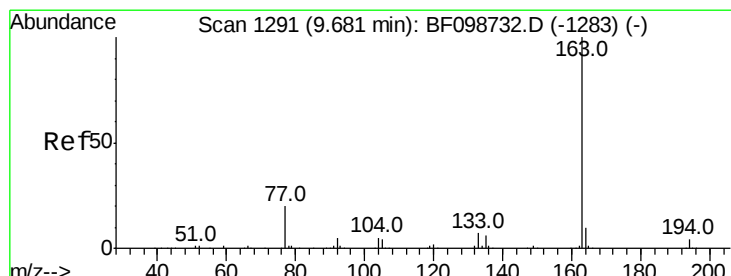
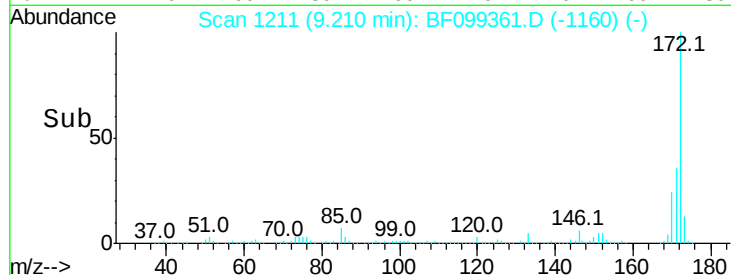
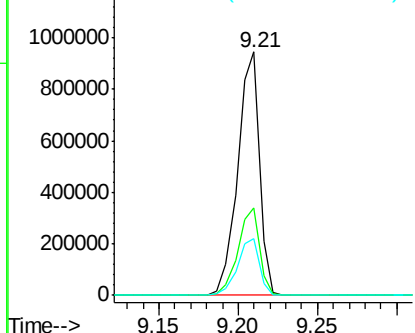
#44
2-Fluorobiphenyl
Concen: 71.657 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Instrument :
BNA_F
ClientSampleId :
SB-29A

Tot Ion:172 Resp: 898084
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.5 19.6 29.4

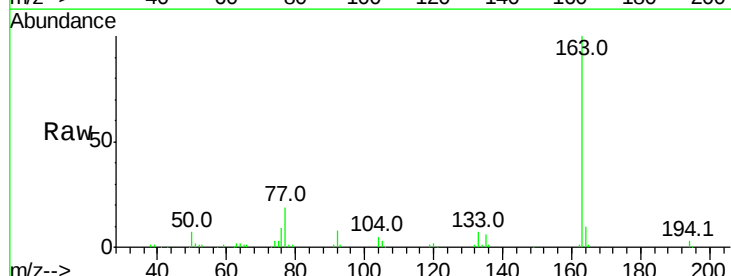


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

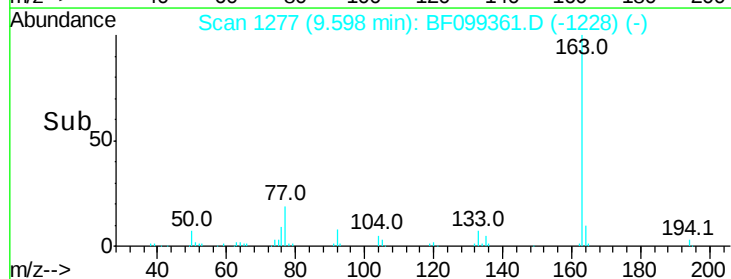
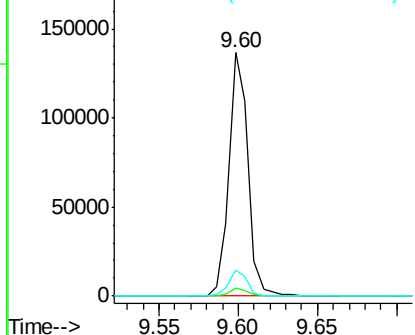


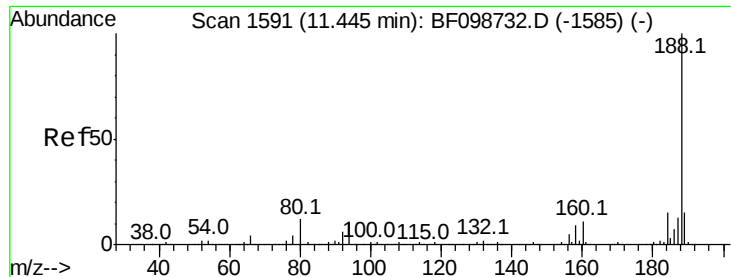
#49
Dimethylphthalate
Concen: 7.164 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Tgt Ion:163 Resp: 113125
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 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

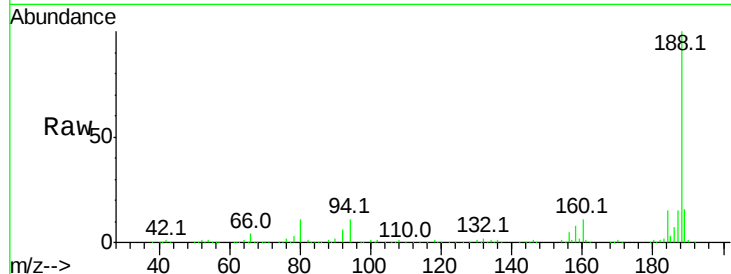




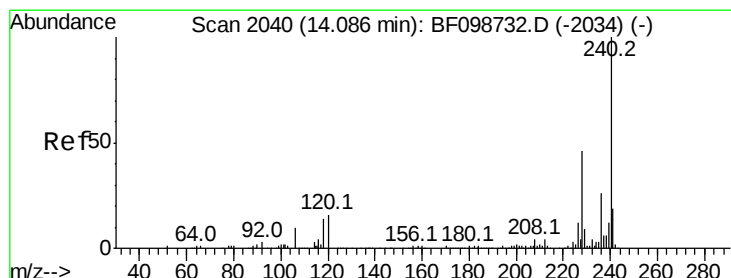
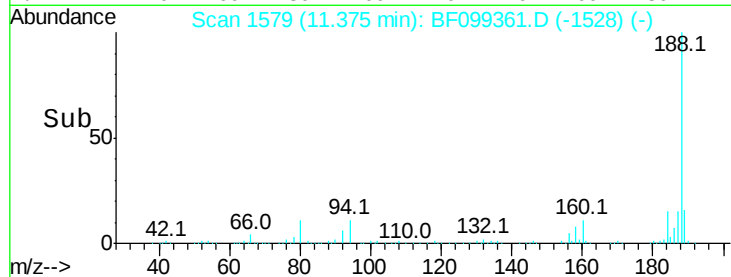
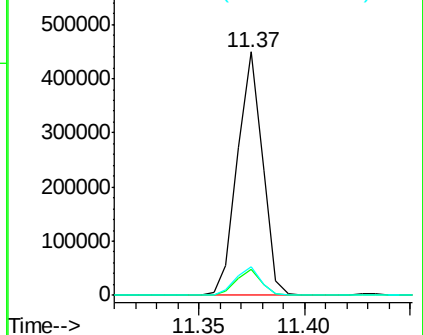
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Instrument :
BNA_F
ClientSampleId :
SB-29A

Tot Ion:188 Resp: 368944
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.5 9.2 13.8

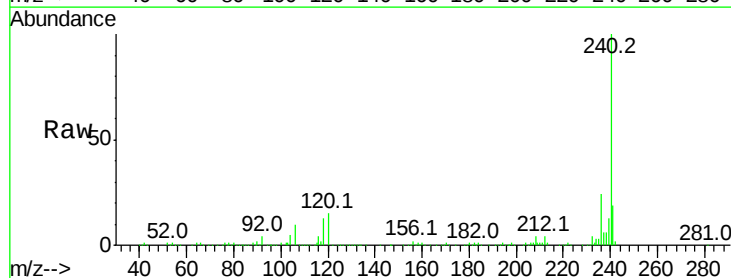


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

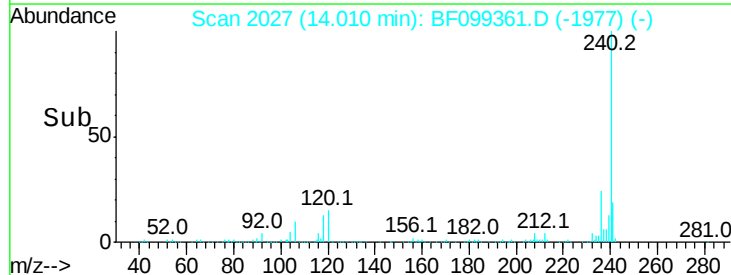
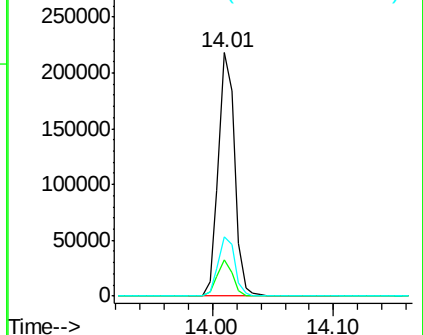


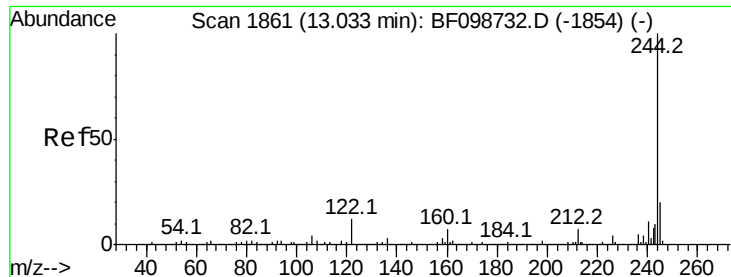
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099361.D
Acq: 11 Oct 2017 23:02

Tgt Ion:240 Resp: 202135
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 24.4 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: 81.419 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099361.D

Acq: 11 Oct 2017 23:02

Instrument :

BNA_F

ClientSampled :

SB-29A

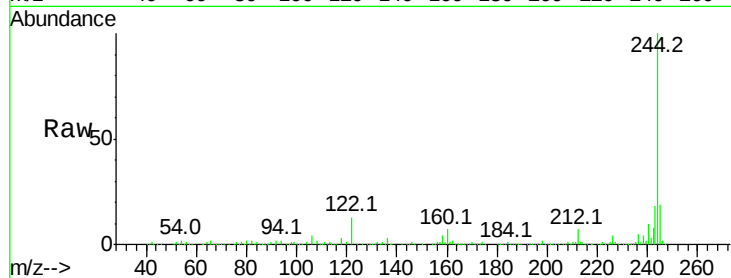
Tot Ion:244 Resp: 723670

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

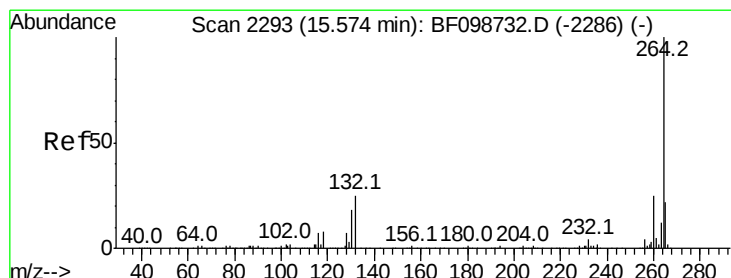
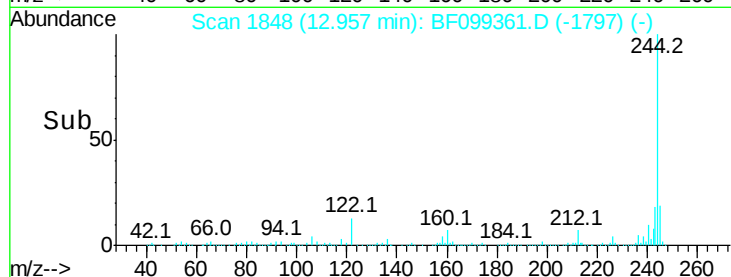
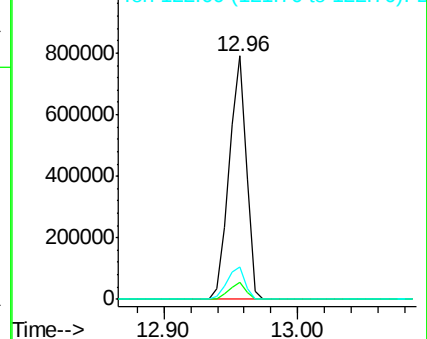
122 13.3 11.0 16.4



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: BF099361.D

Acq: 11 Oct 2017 23:02

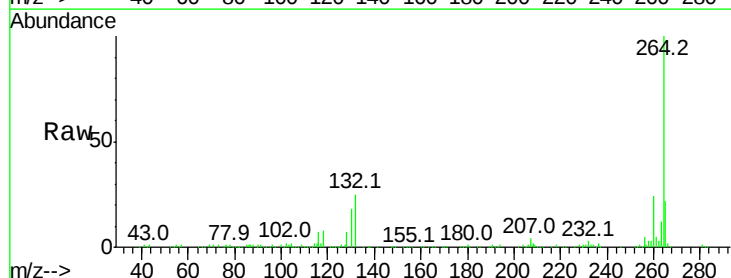
Tgt Ion:264 Resp: 176749

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 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

