

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099362.D
 Acq On : 11 Oct 2017 23:30
 Operator : SJ/JU
 Sample : I5710-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29C

Quant Time: Oct 12 01:34:23 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

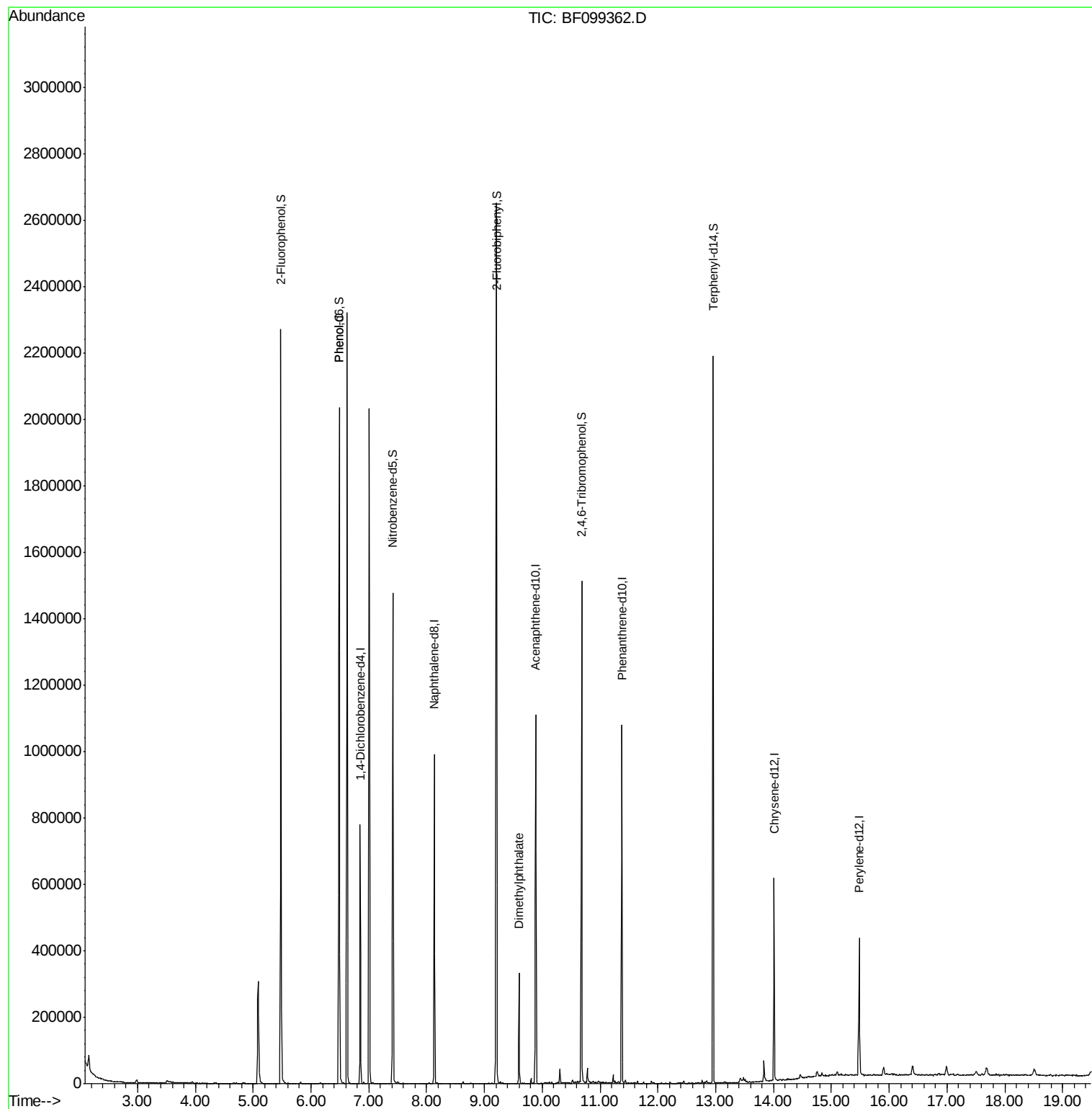
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	109319	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	447756	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	203339	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	352337	20.00	ng	0.00
75) Chrysene-d12	14.01	240	186942	20.00	ng	0.00
86) Perylene-d12	15.48	264	171557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	719937	104.84	ng	0.01
7) Phenol-d6	6.49	99	854213	100.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	509849	73.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	176846	106.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	933263	76.62	ng	0.00
78) Terphenyl-d14	12.96	244	688058	83.70	ng	0.00
Target Compounds						
10) Phenol	6.50	94	27536	2.906	ng	95
49) Dimethylphthalate	9.60	163	129187	8.418	ng	99

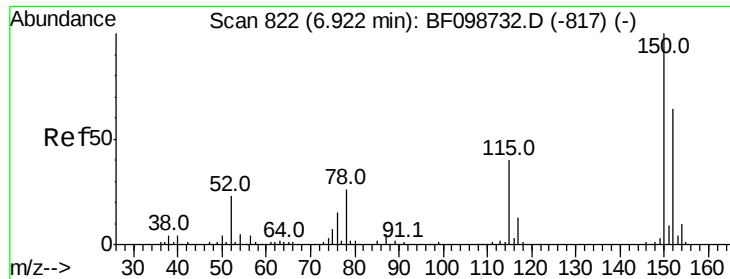
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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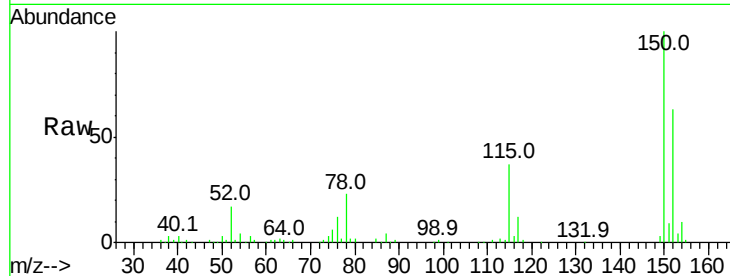


#1

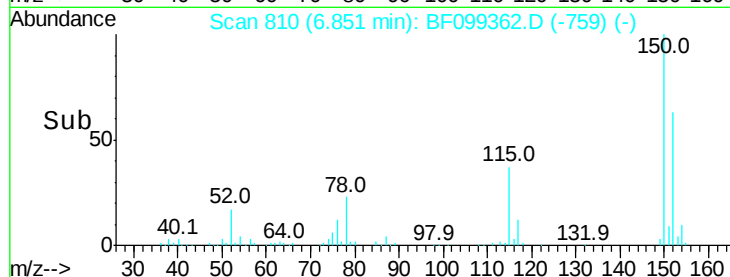
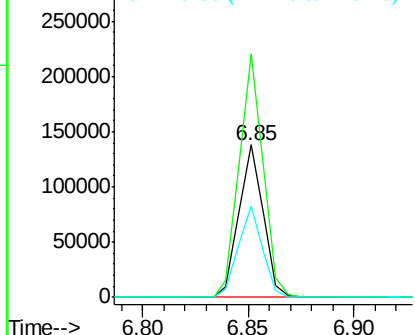
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Instrument :
BNA_F
ClientSampleId :
SB-29C

Tot Ion:152 Resp: 109319
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 59.7 50.1 75.1



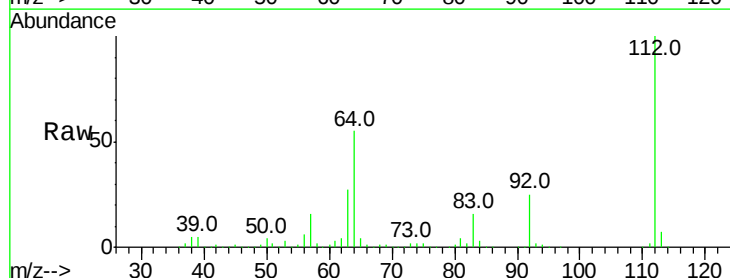
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



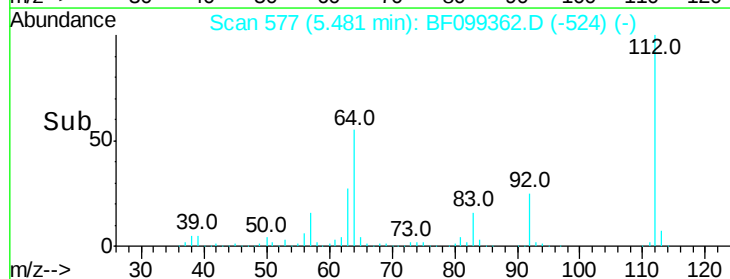
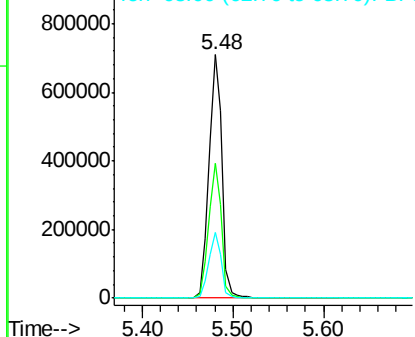
#5

2-Fluorophenol
Concen: 104.837 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Tgt Ion:112 Resp: 719937
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 26.9 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: 100.834 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Instrument :

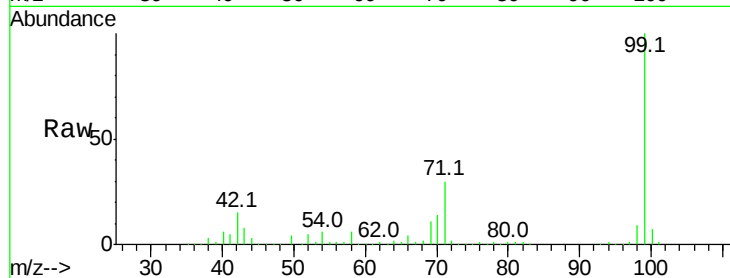
BNA_F

ClientSampled :

SB-29C

Tot Ion: 99 Resp: 854213

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	30.1	25.4	38.0

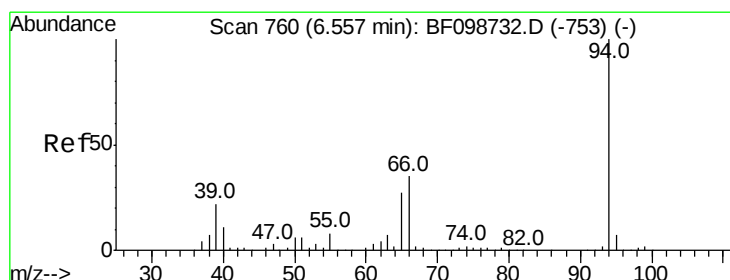
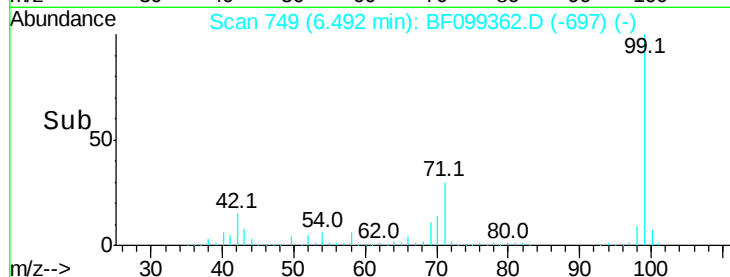
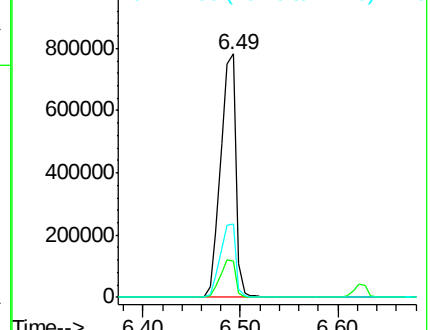


Abundance

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: 2.906 ng

RT: 6.50 min Scan# 750

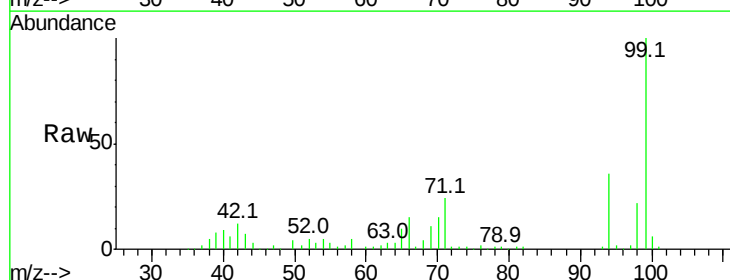
Delta R.T. -0.00 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Tgt Ion: 94 Resp: 27536

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	41.3	16.2	56.2

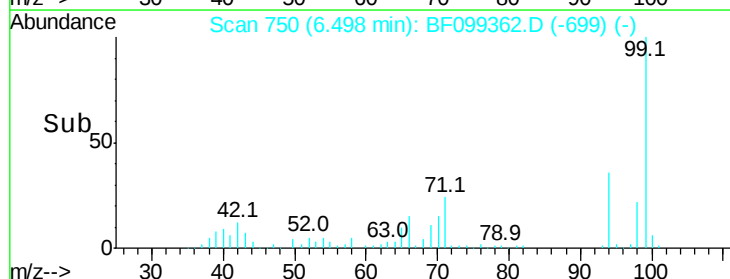
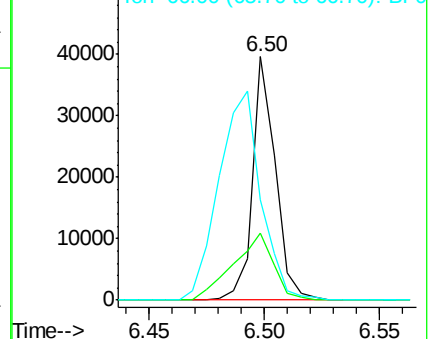


Abundance

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

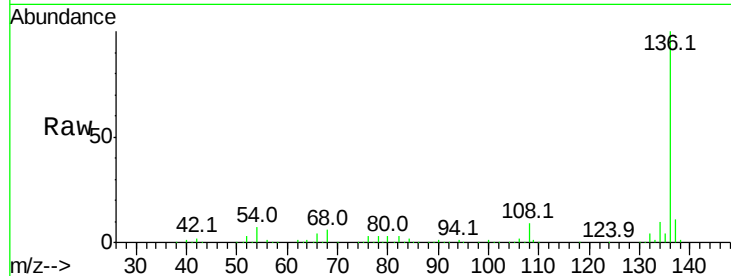




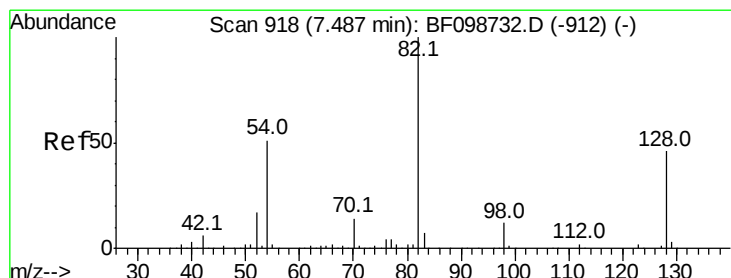
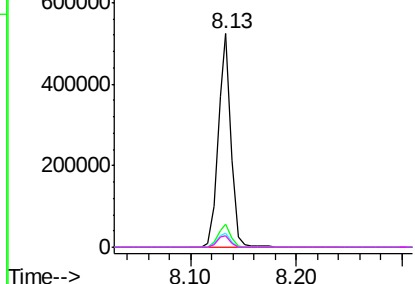
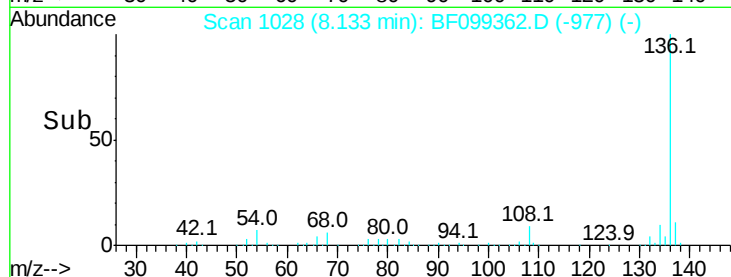
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Instrument :
BNA_F
ClientSampleId :
SB-29C

Tot Ion:	136	Resp:	447756
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4

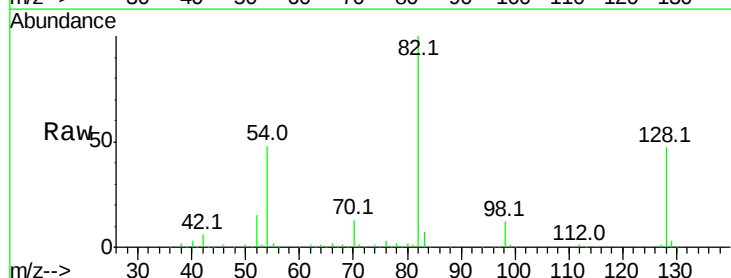


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

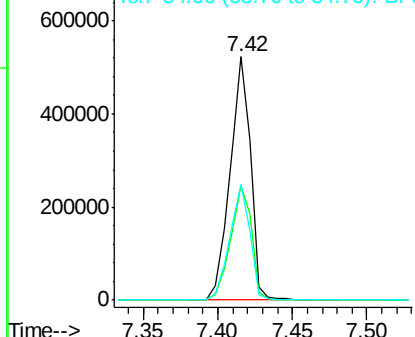
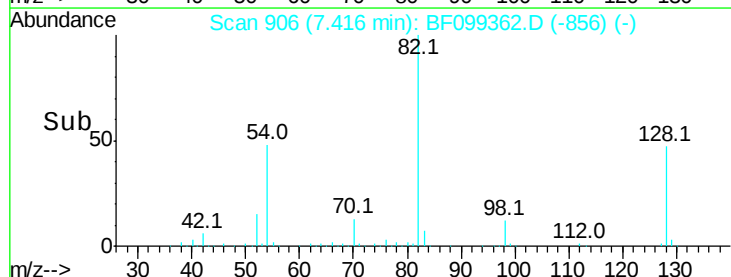


#23
Nitrobenzene-d5
Concen: 73.023 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Tgt Ion:	82	Resp:	509849
Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	47.7	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

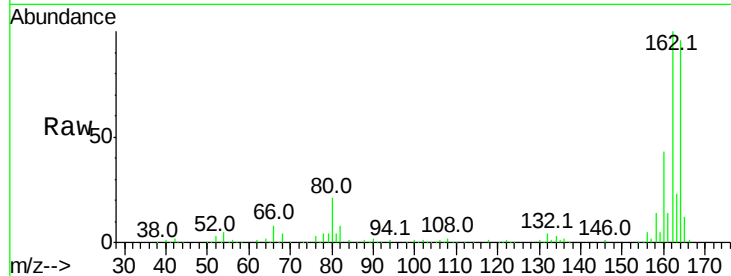




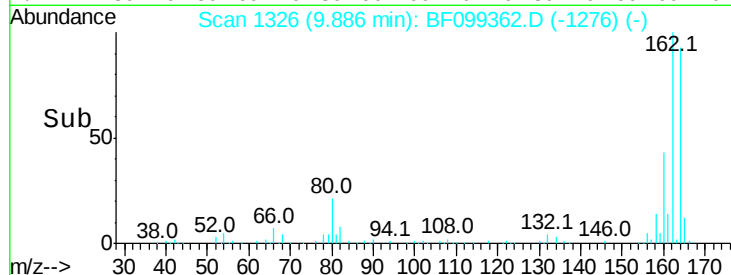
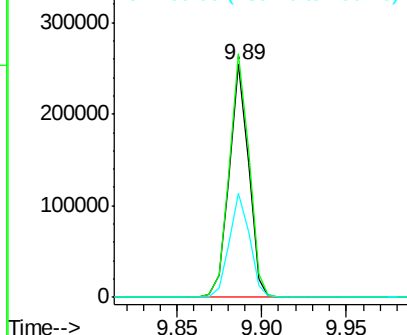
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Instrument :
BNA_F
ClientSampleId :
SB-29C

Tot Ion:164 Resp: 203339
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 44.5 38.3 57.5

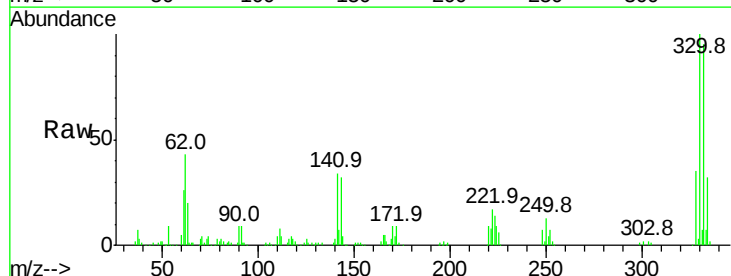


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

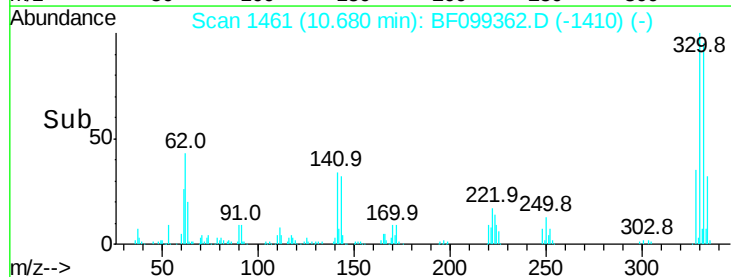
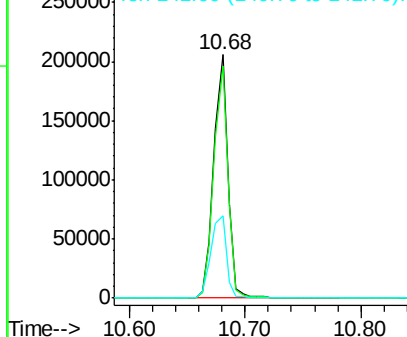


#41
2,4,6-Tribromophenol
Concen: 106.286 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Tgt Ion:330 Resp: 176846
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 37.2 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

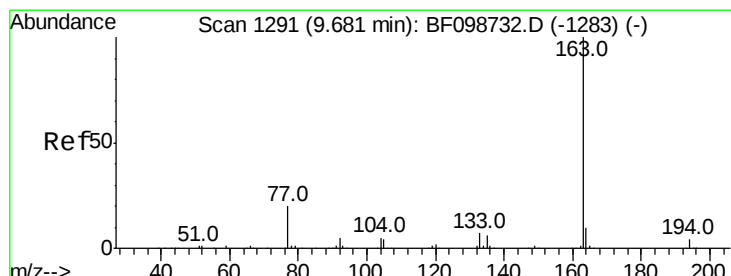
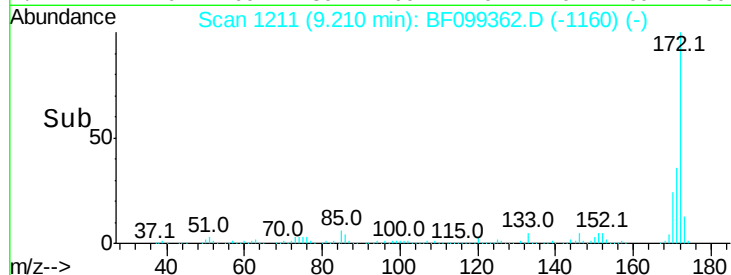
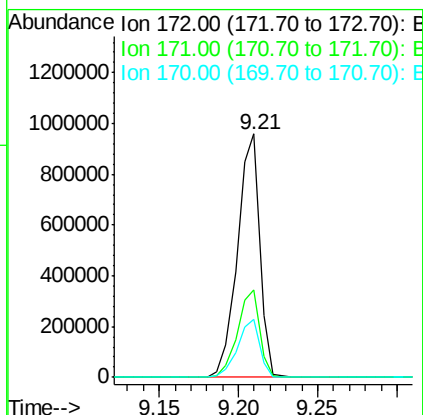
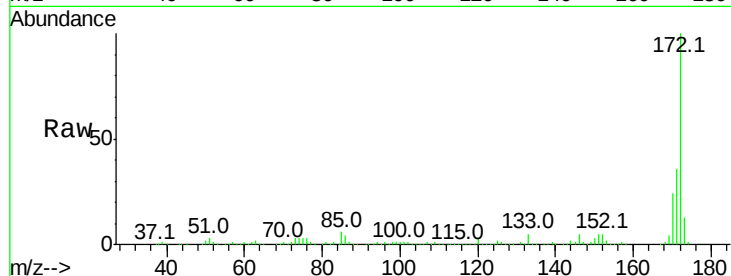




#44
2-Fluorobiphenyl
Concen: 76.621 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

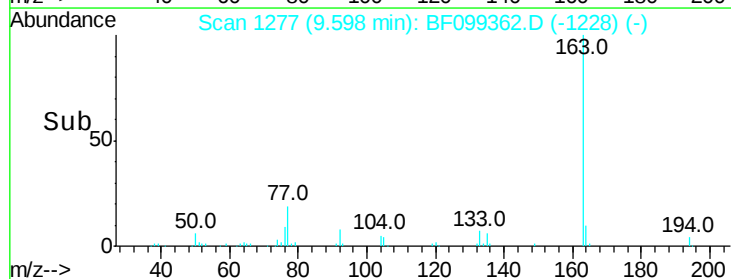
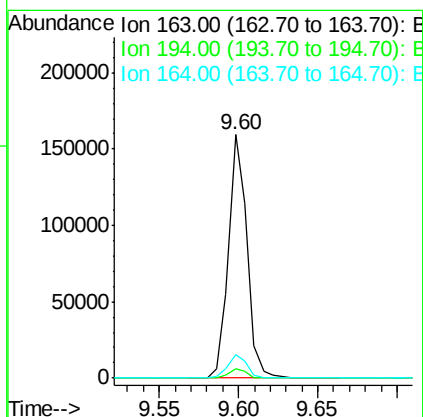
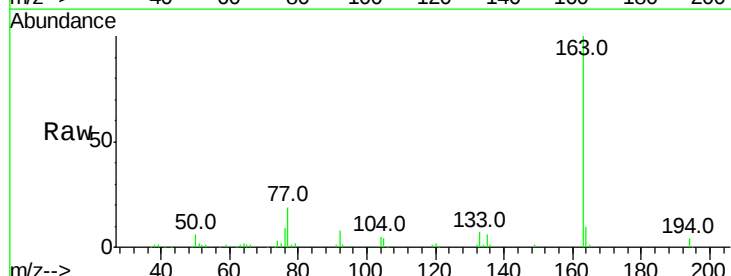
Instrument :
BNA_F
ClientSampleId :
SB-29C

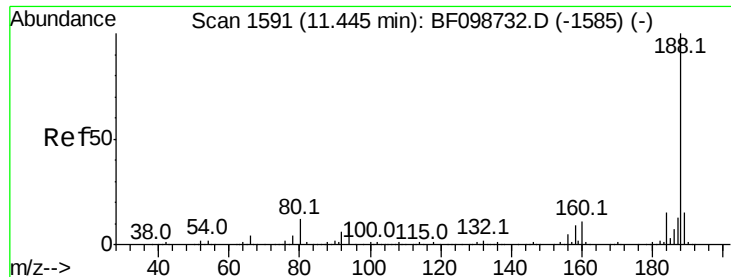
Tot Ion:172 Resp: 933263
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 8.418 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099362.D
Acq: 11 Oct 2017 23:30

Tgt Ion:163 Resp: 129187
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 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: BF099362.D

Acq: 11 Oct 2017 23:30

Instrument :

BNA_F

ClientSampleId :

SB-29C

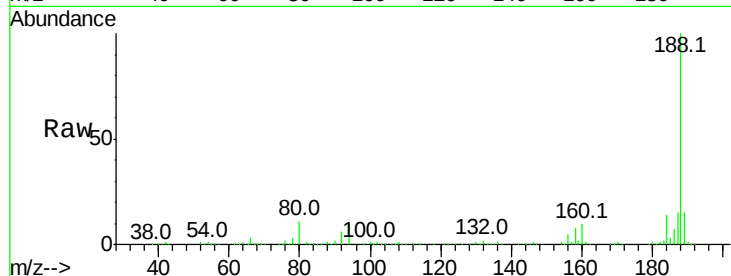
Tot Ion:188 Resp: 352337

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

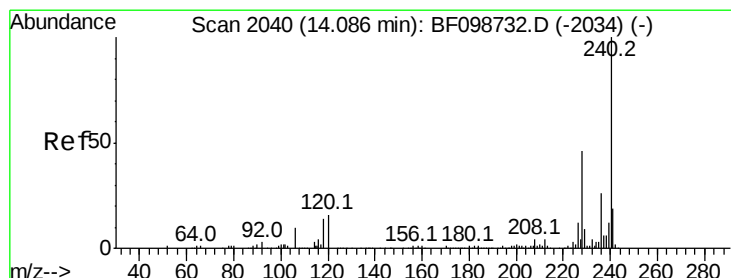
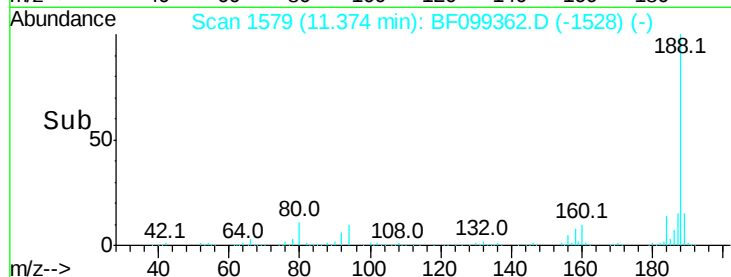
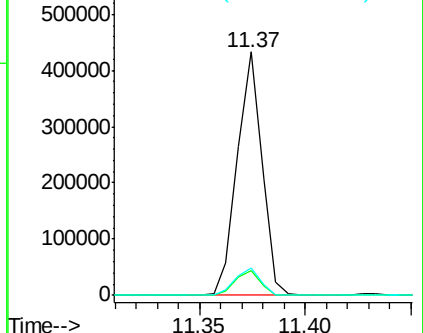
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BF099362.D

Acq: 11 Oct 2017 23:30

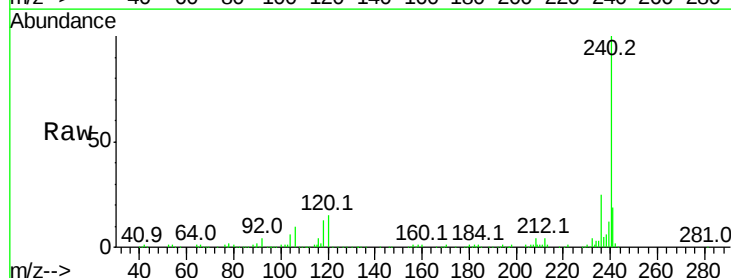
Tgt Ion:240 Resp: 186942

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

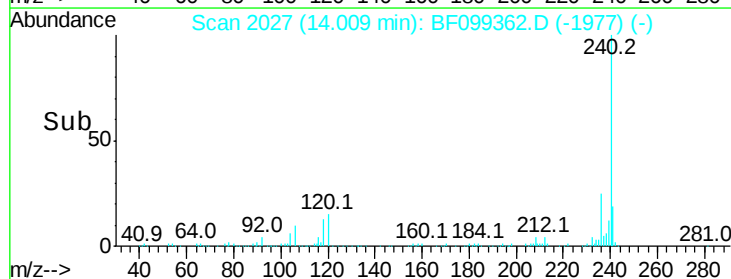
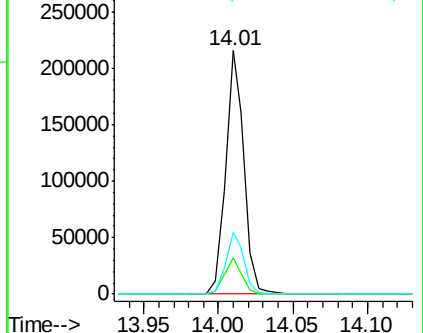
236 25.3 20.7 31.1

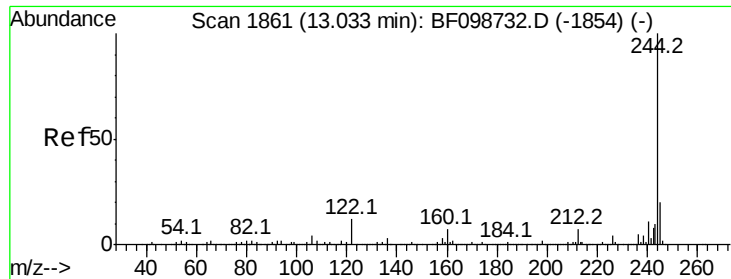


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.704 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099362.D

Acq: 11 Oct 2017 23:30

Instrument :

BNA_F

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SB-29C

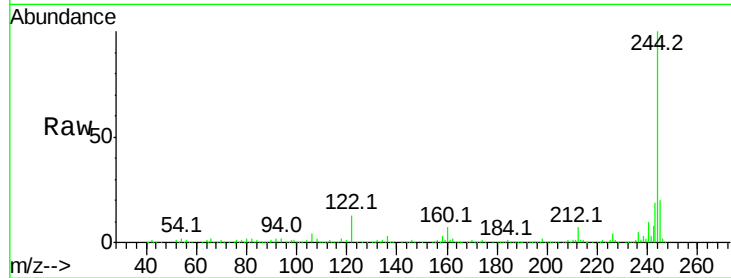
Tot Ion:244 Resp: 688058

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

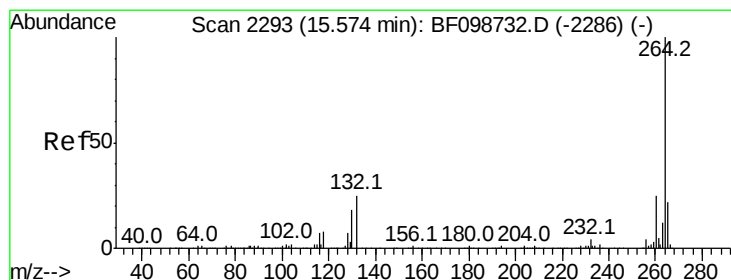
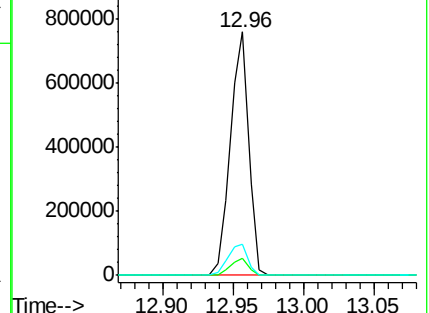
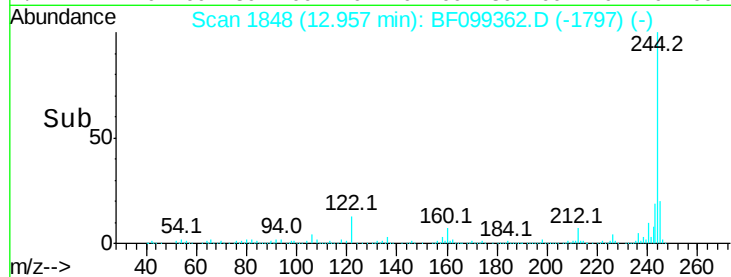
122 12.7 11.0 16.4



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: BF099362.D

Acq: 11 Oct 2017 23:30

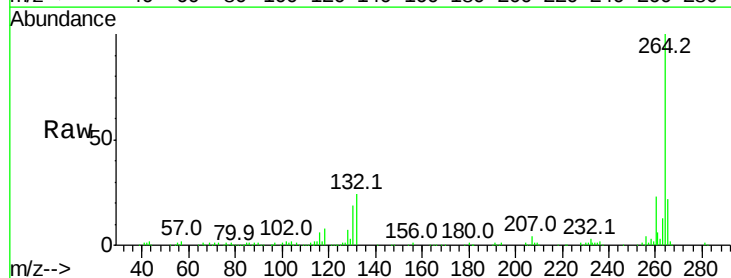
Tgt Ion:264 Resp: 171557

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 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

