

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099344.D
 Acq On : 11 Oct 2017 14:17
 Operator : SJ/JU
 Sample : I5748-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-B

Quant Time: Oct 11 16:34:18 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	102224	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	427620	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	196675	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	350503	20.00	ng	0.00
75) Chrysene-d12	14.01	240	223519	20.00	ng	0.00
86) Perylene-d12	15.47	264	185079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	739029	115.09	ng	0.02
7) Phenol-d6	6.49	99	783205	98.87	ng	0.00
23) Nitrobenzene-d5	7.42	82	593566	89.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	218333	135.67	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1115568	94.69	ng	0.00
78) Terphenyl-d14	12.96	244	979189	99.63	ng	0.00

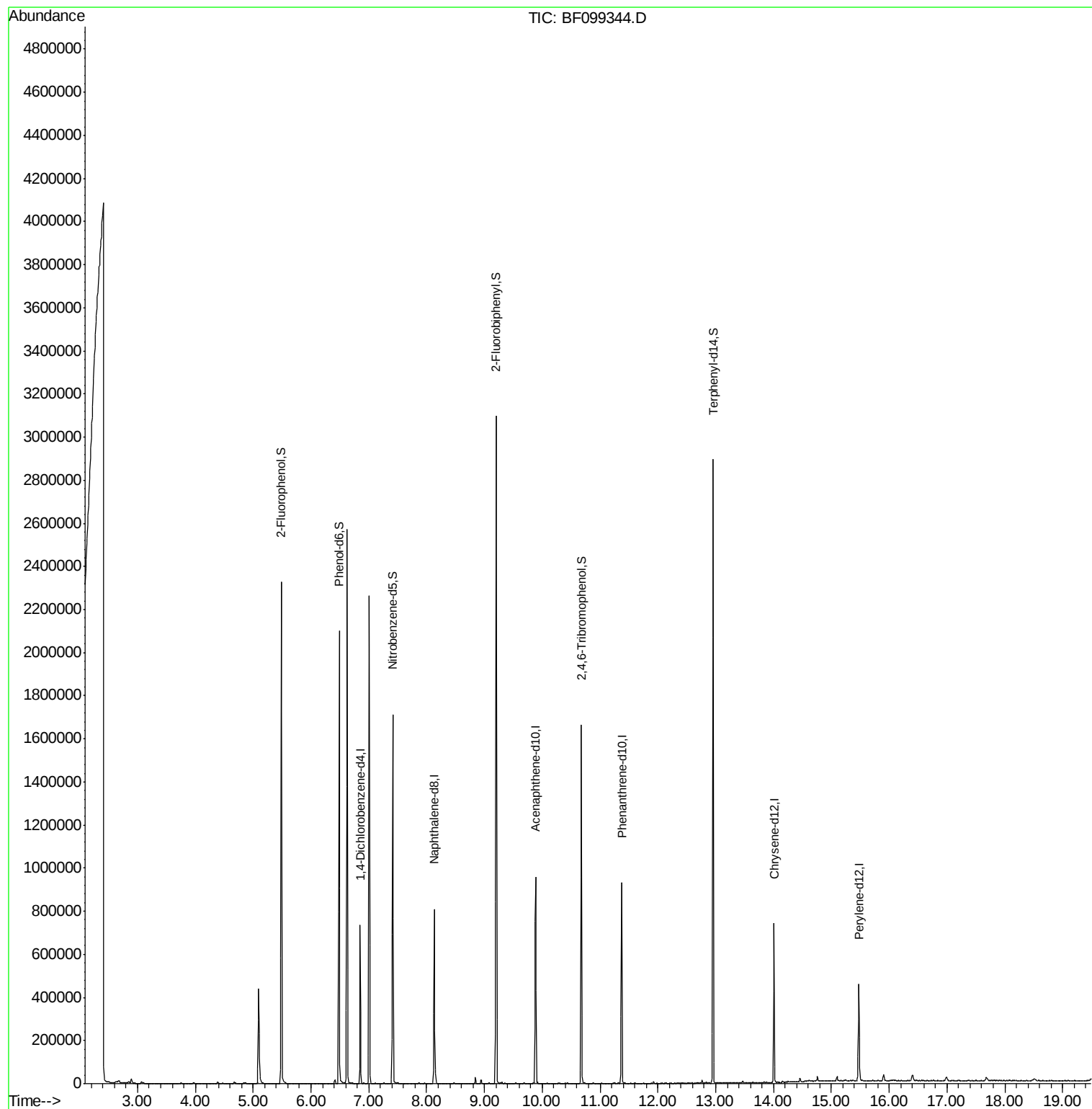
Target Compounds Qvalue

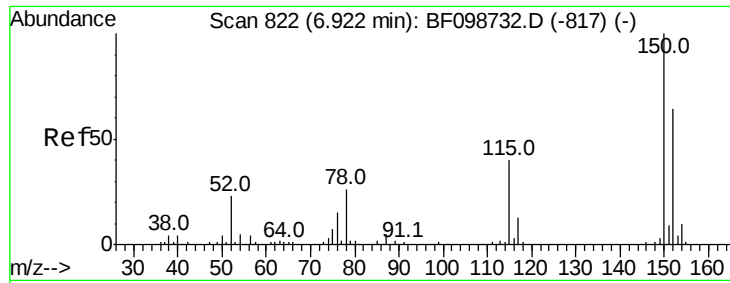
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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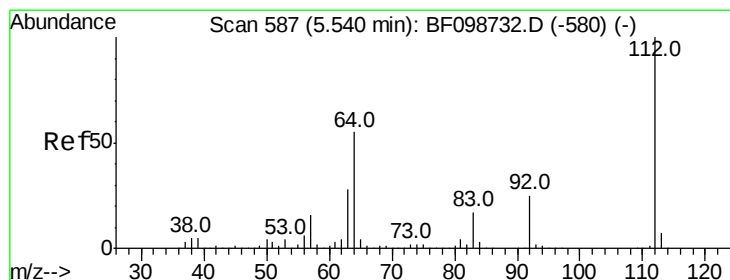
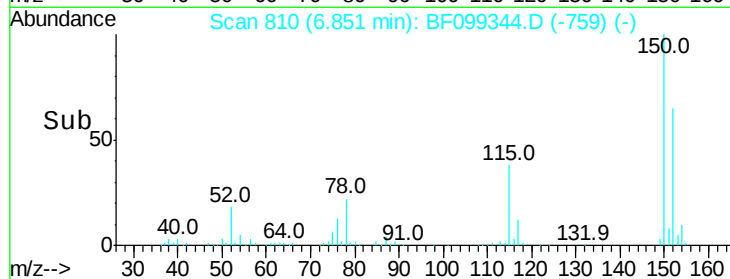
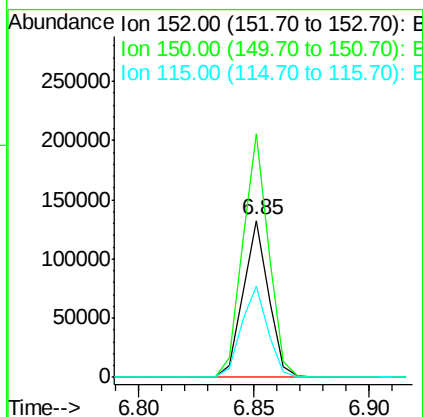
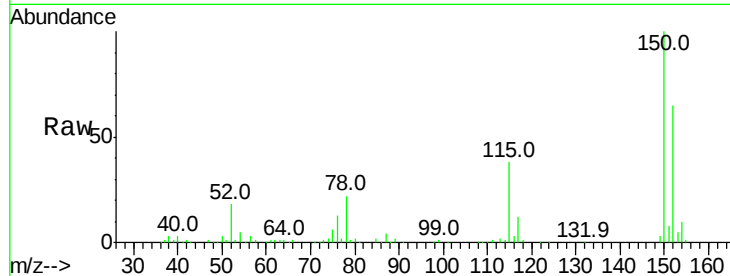




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

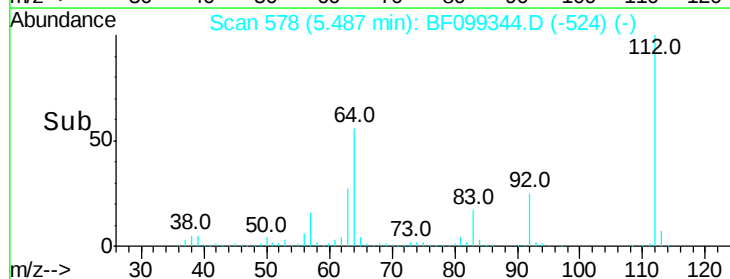
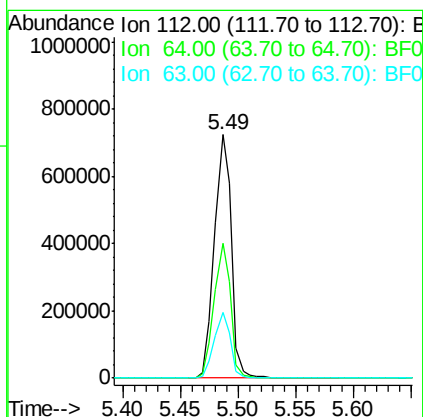
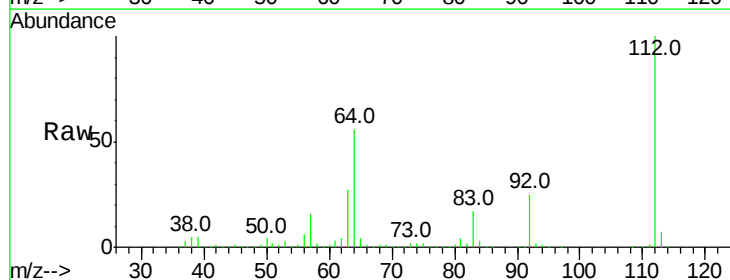
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-B

Tot Ion:152 Resp: 102224
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 58.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 115.087 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

Tgt Ion:112 Resp: 739029
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 98.869 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

Instrument :

BNA_F

ClientSampleId :

CL-01-100617-B

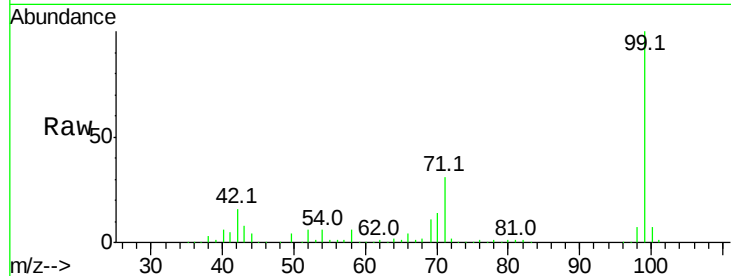
Tot Ion: 99 Resp: 783205

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

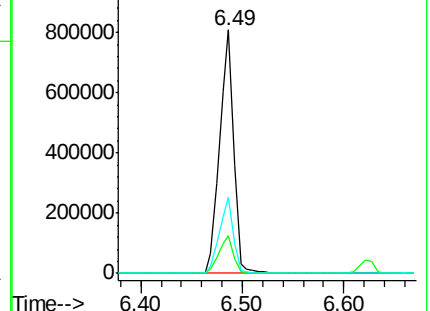
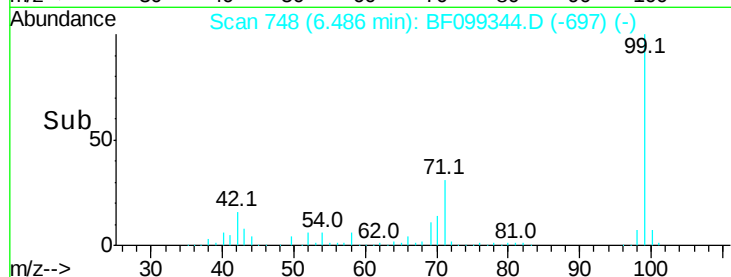
71 31.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

Tgt Ion: 136 Resp: 427620

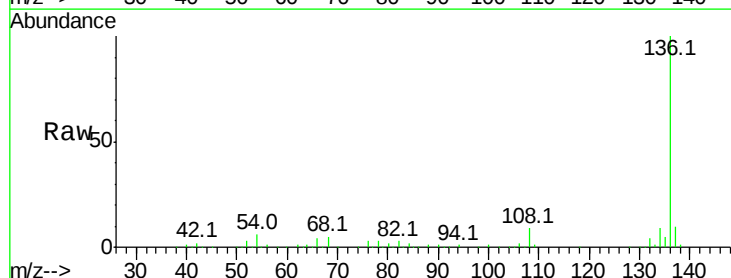
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 6.4 6.6 9.8#

68 5.3 5.0 7.4

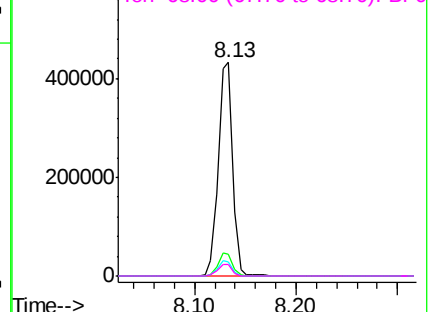
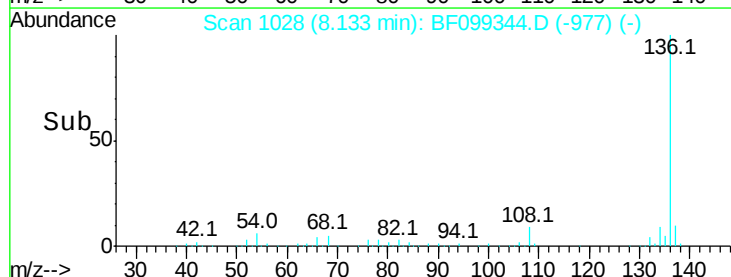


Abundance Ion 136.00 (135.70 to 136.70): E

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

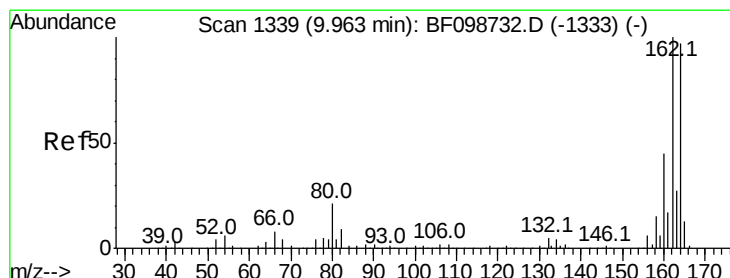
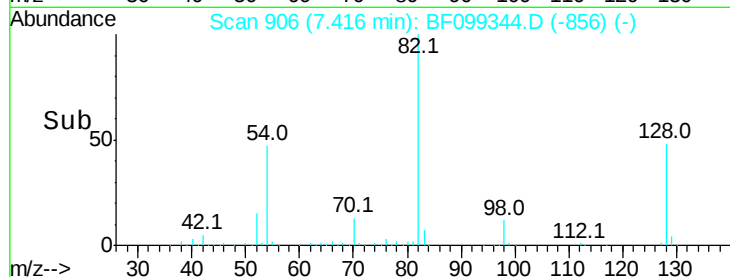
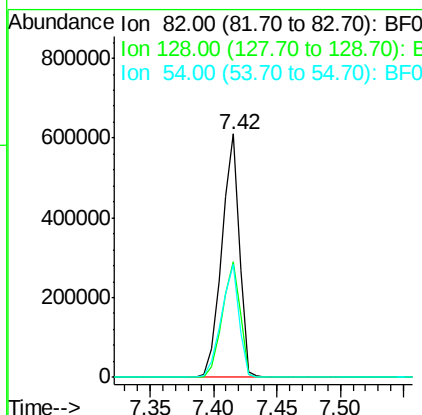
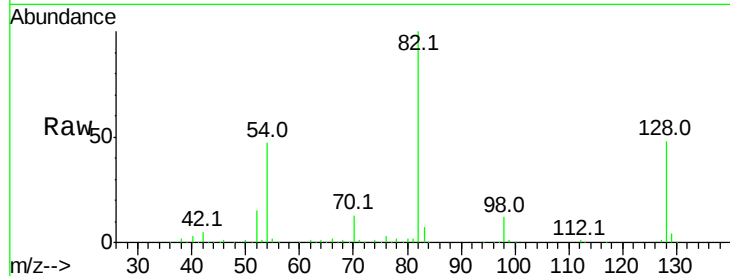




#23
Nitrobenzene-d5
Concen: 89.017 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099344.D
Acq: 11 Oct 2017 14:17

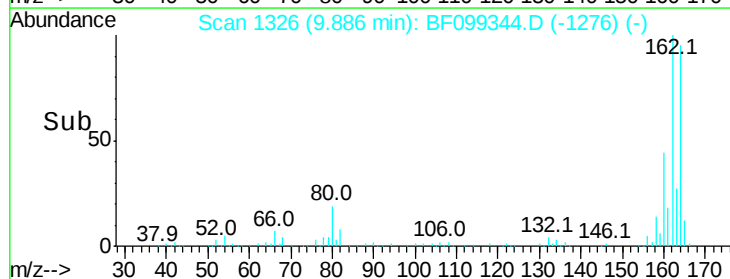
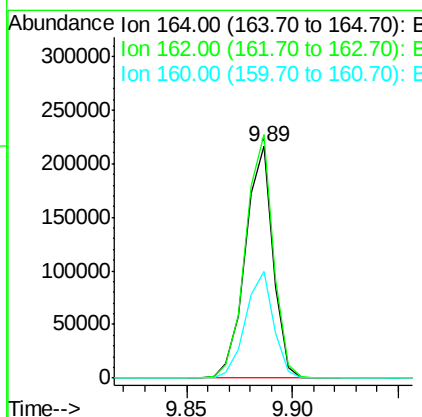
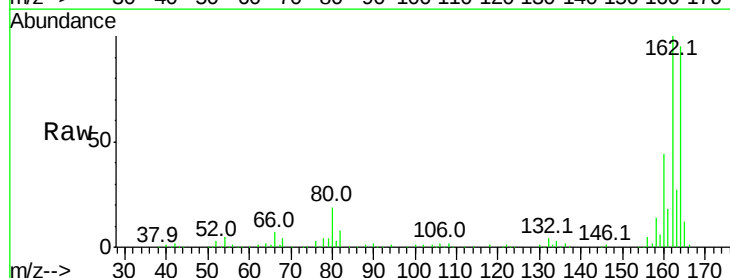
Instrument :
BNA_F
ClientSampleId :
CL-01-100617-B

Tot Ion: 82 Resp: 593566
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 46.6 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: BF099344.D
Acq: 11 Oct 2017 14:17

Tgt Ion:164 Resp: 196675
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 45.9 38.3 57.5

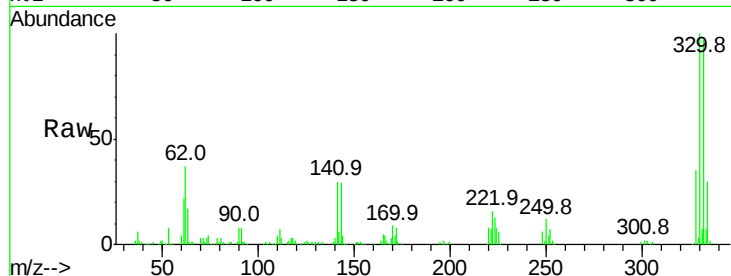




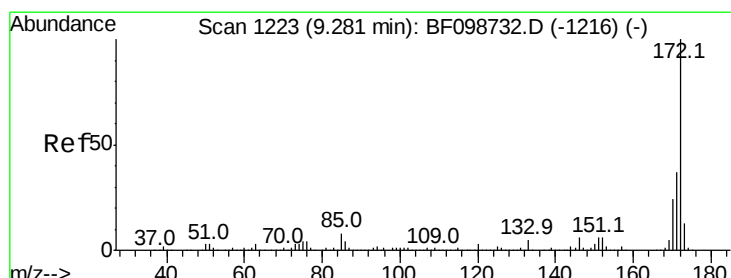
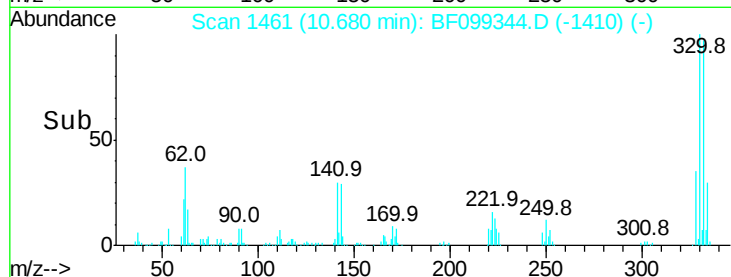
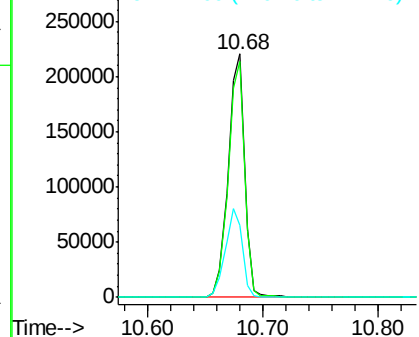
#41
 2,4,6-Tribromophenol
 Concen: 135.667 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.6	29.9	44.9

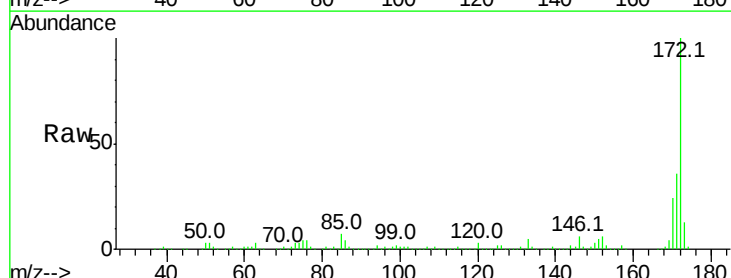


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

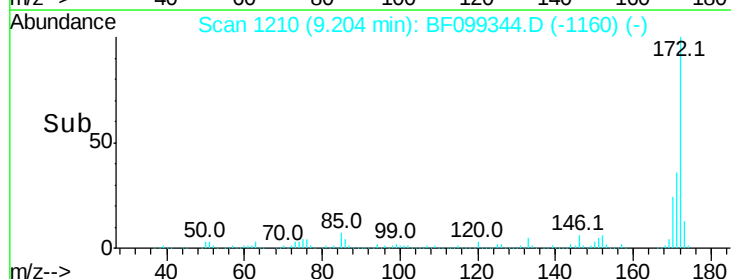
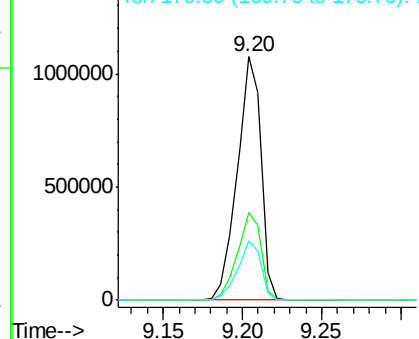


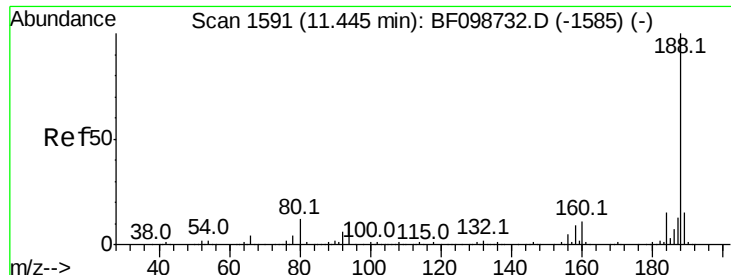
#44
 2-Fluorobiphenyl
 Concen: 94.692 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

Instrument :

BNA_F

ClientSampleId :

CL-01-100617-B

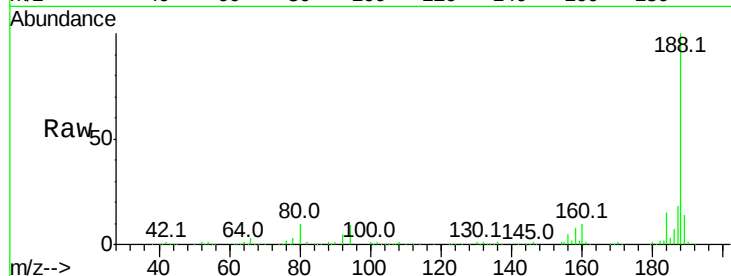
Tot Ion:188 Resp: 350503

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

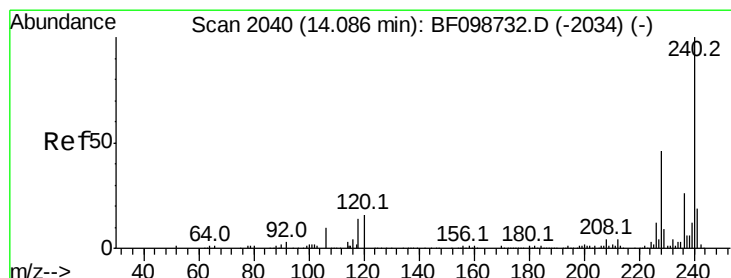
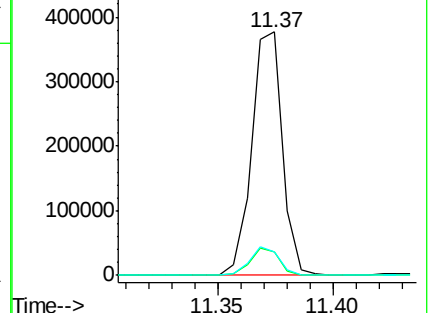
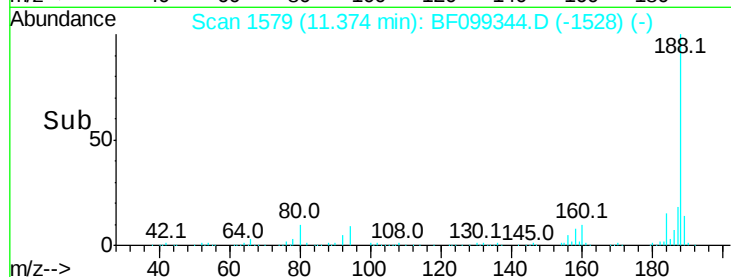
80 9.9 9.2 13.8



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: BF099344.D

Acq: 11 Oct 2017 14:17

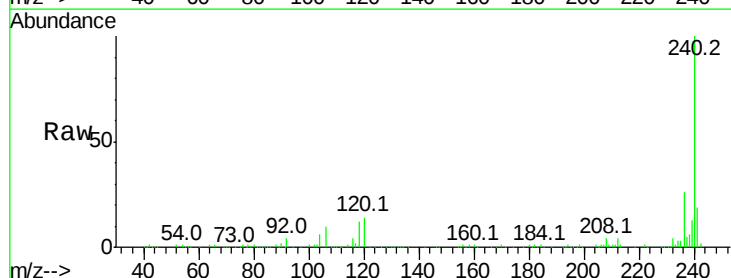
Tgt Ion:240 Resp: 223519

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

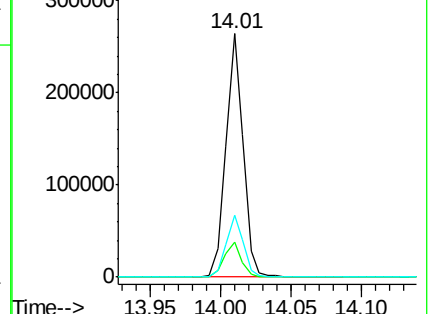
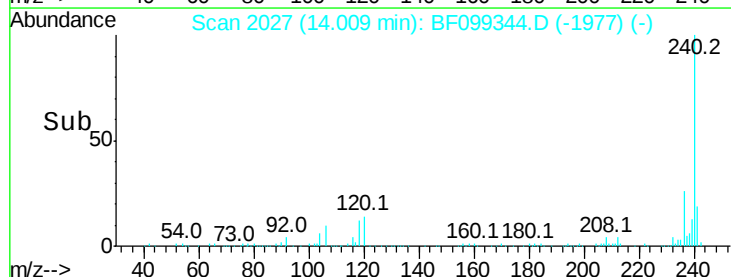
236 25.6 20.7 31.1

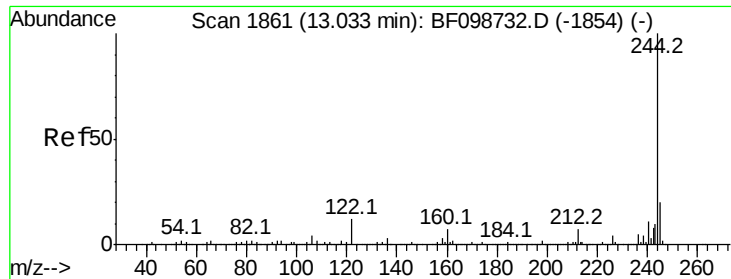


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.628 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

Instrument :

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ClientSampleId :

CL-01-100617-B

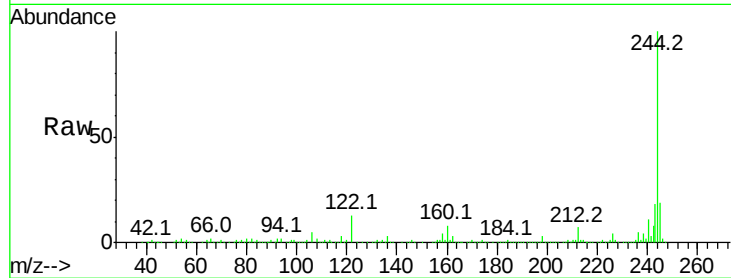
Tot Ion:244 Resp: 979189

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

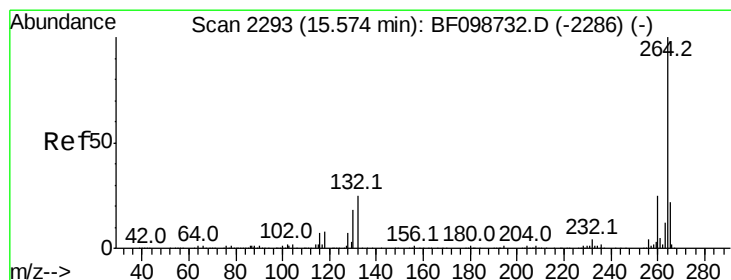
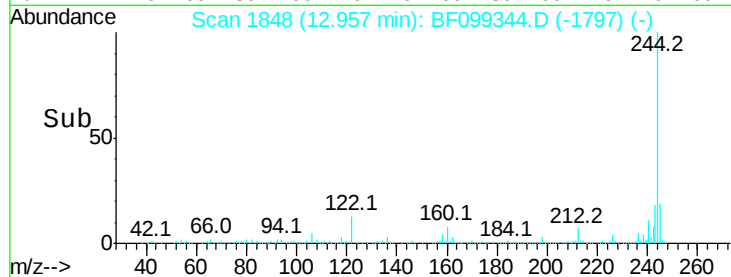
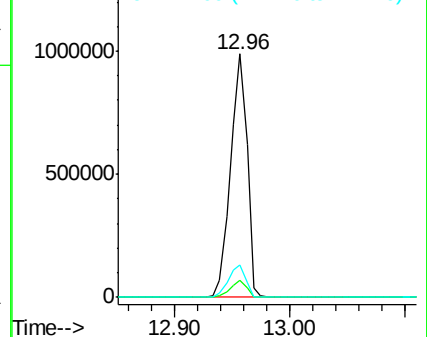
122 13.5 11.0 16.4



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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

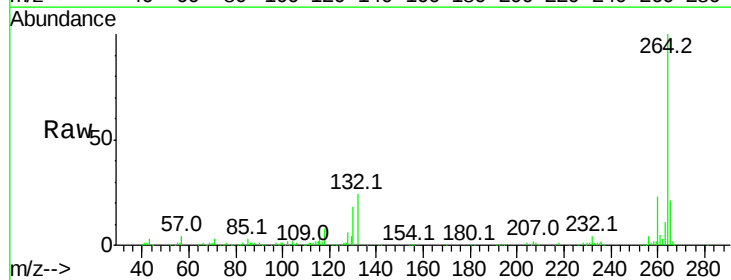
Tgt Ion:264 Resp: 185079

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.9 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

