

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091217\
 Data File : BF098455.D
 Acq On : 12 Sep 2017 17:31
 Operator : SJ/JU
 Sample : PB102265BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BL

Quant Time: Sep 13 01:35:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	219682	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	900818	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	370735	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	569678	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	384146	20.00	ng	0.00
86) Perylene-d12	15.21	264	332790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1690326	113.76	ng	0.00
7) Phenol-d6	6.32	99	2052757	108.81	ng	0.00
23) Nitrobenzene-d5	7.23	82	1266382	78.37	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	279779	113.07	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1975088	90.30	ng	-0.01
78) Terphenyl-d14	12.76	244	1237099	69.51	ng	0.00

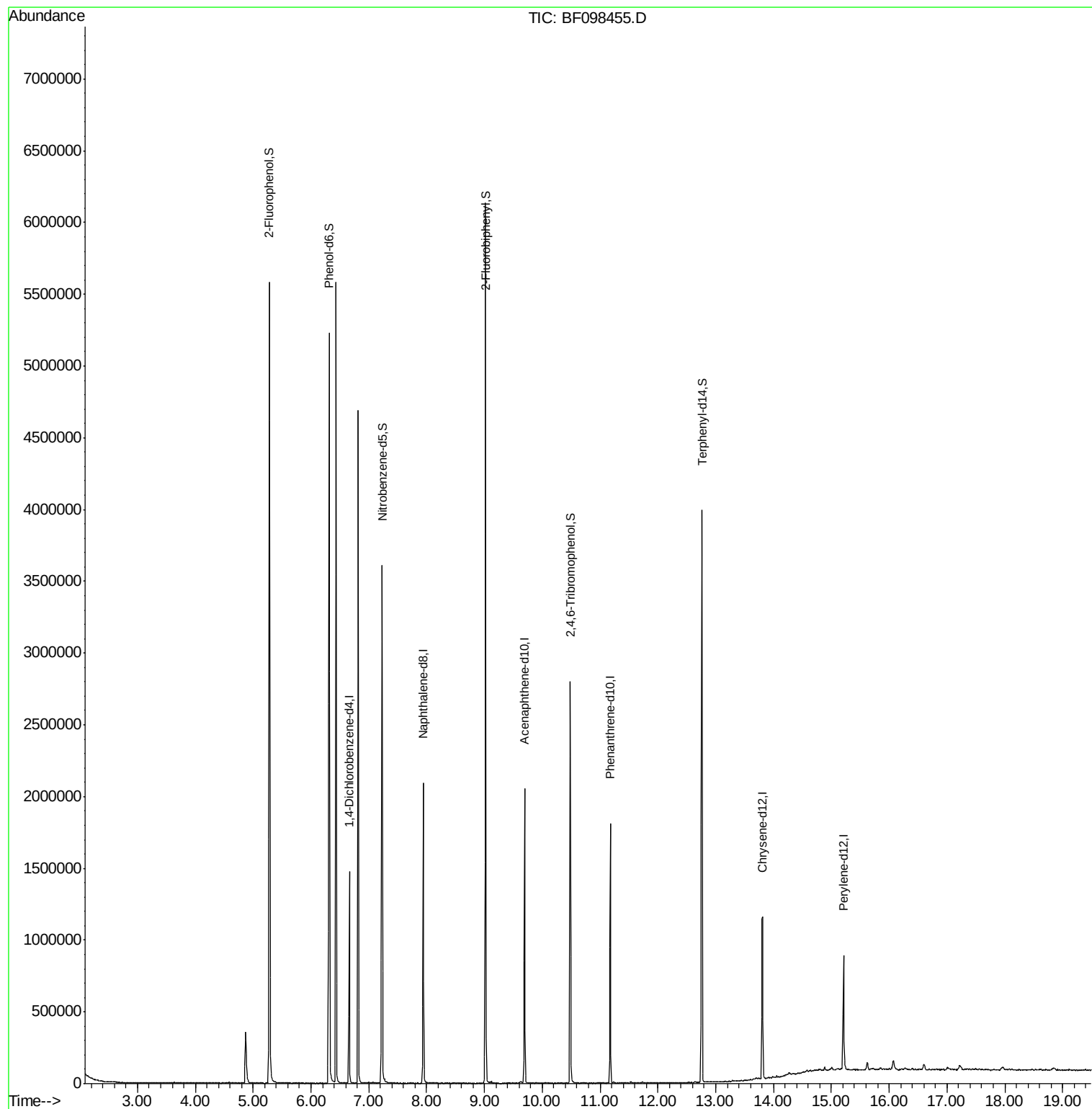
Target Compounds	Qvalue
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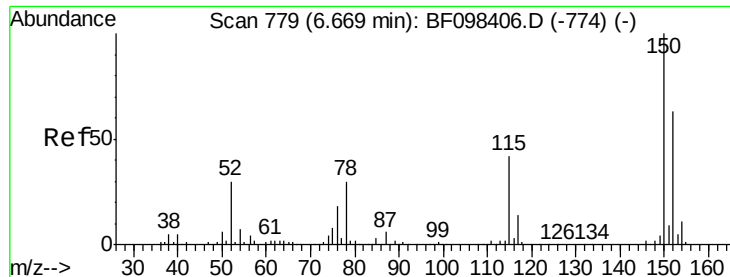
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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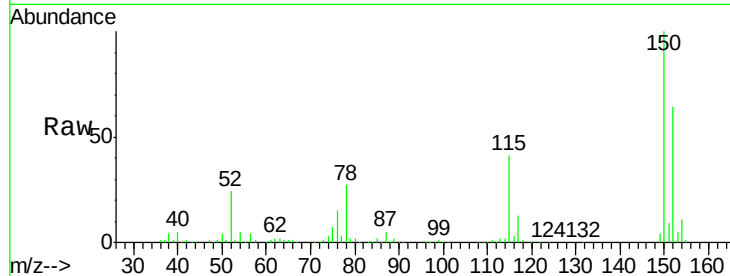




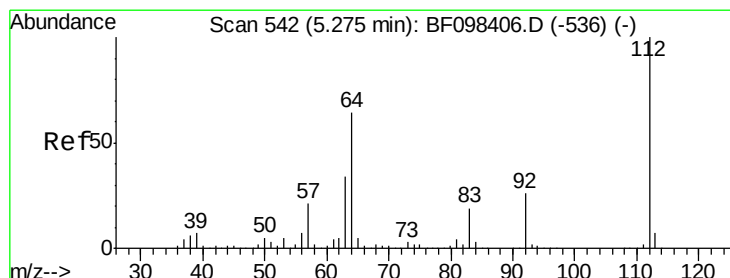
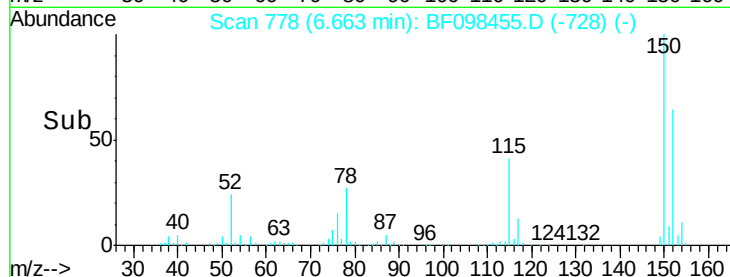
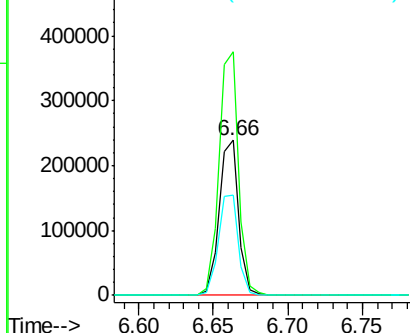
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF098455.D
 Acq: 12 Sep 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BL

Tgt Ion:152 Resp: 219682
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 64.6 52.2 78.2

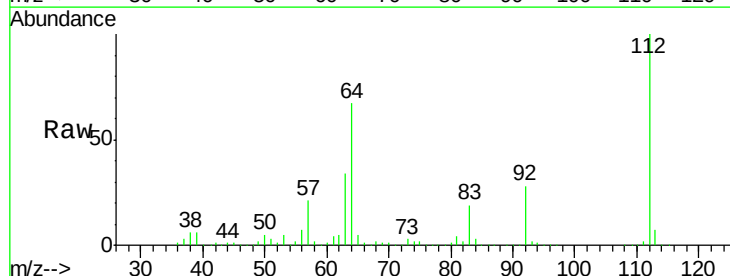


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

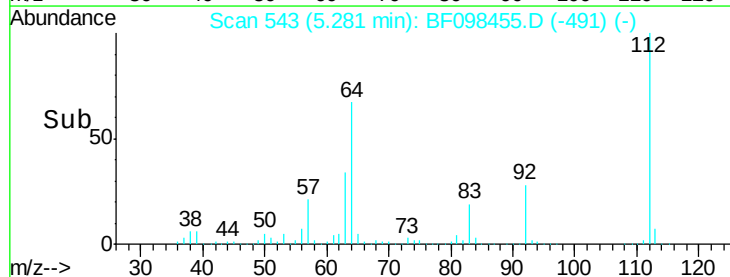
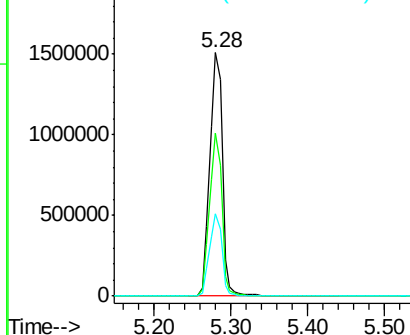


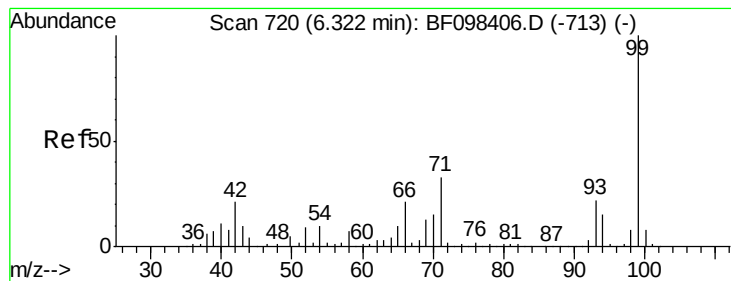
#5
 2-Fluorophenol
 Concen: 113.764 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: BF098455.D
 Acq: 12 Sep 2017 17:31

Tgt Ion:112 Resp: 1690326
 Ion Ratio Lower Upper
 112 100
 64 66.9 46.0 69.0
 63 34.1 23.4 35.0



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: 108.813 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098455.D

Acq: 12 Sep 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB102265BL

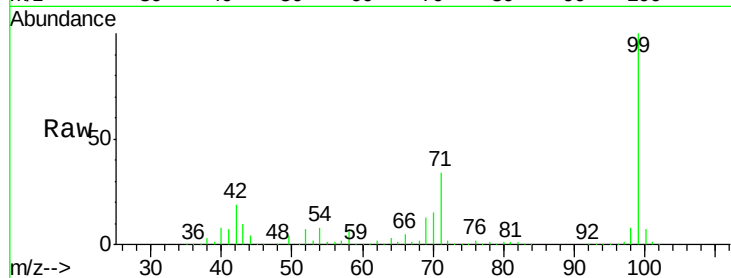
Tgt Ion: 99 Resp: 2052757

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

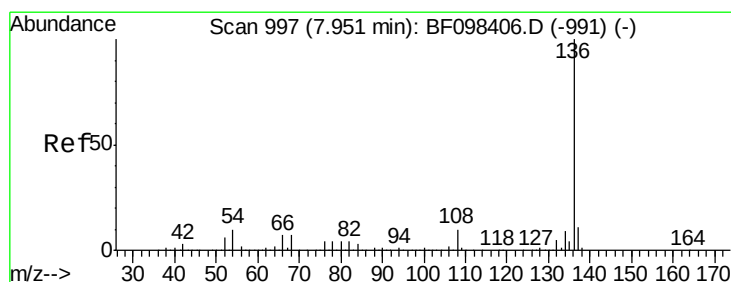
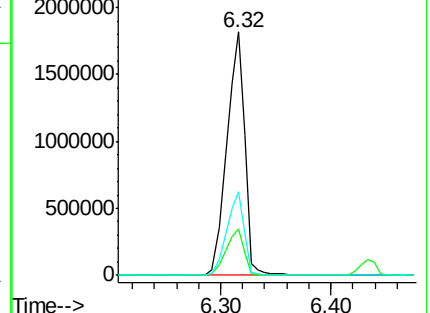
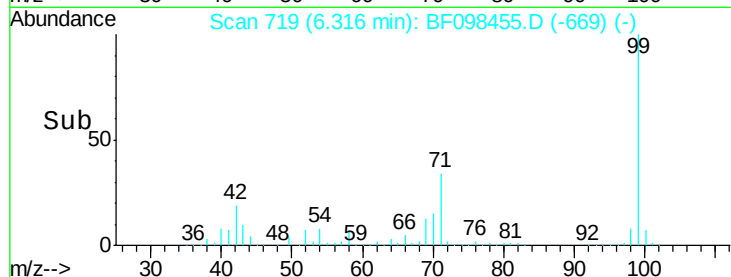
71 34.1 24.5 36.7



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098455.D

Acq: 12 Sep 2017 17:31

Tgt Ion: 136 Resp: 900818

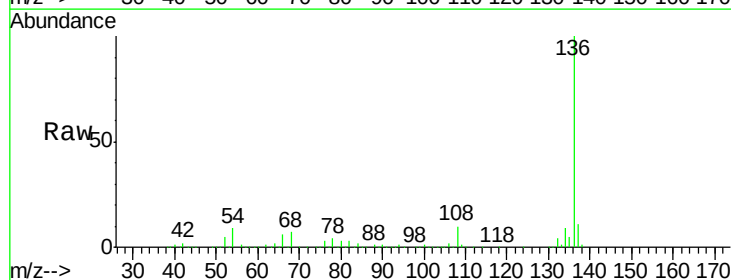
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.4 4.9 7.3#

68 6.7 4.1 6.1#

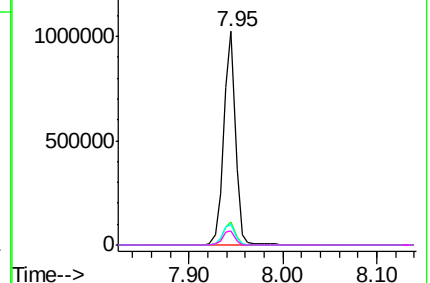
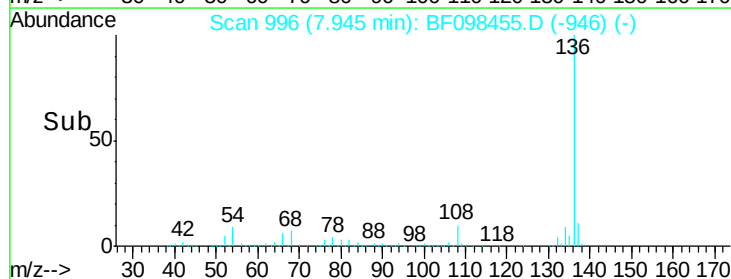


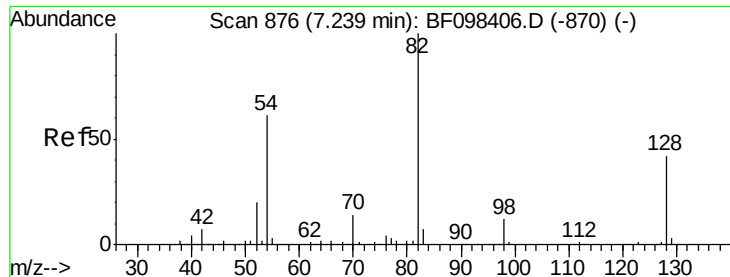
Abundance Ion 136.00 (135.70 to 136.70): E

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

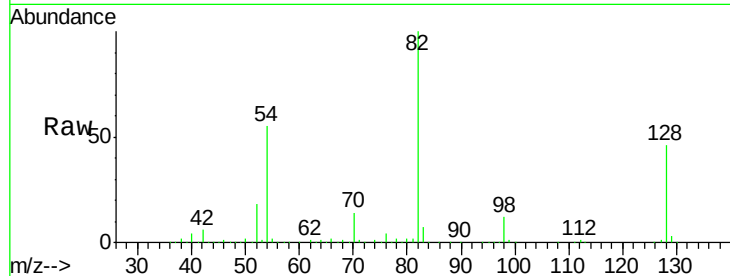




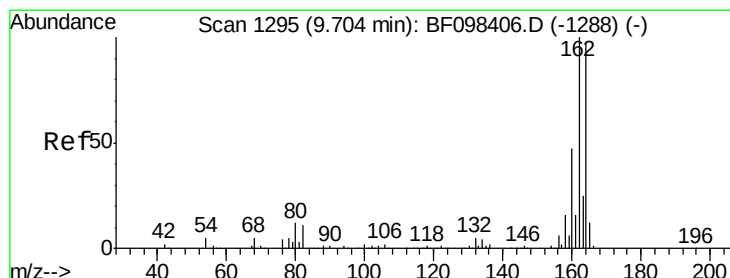
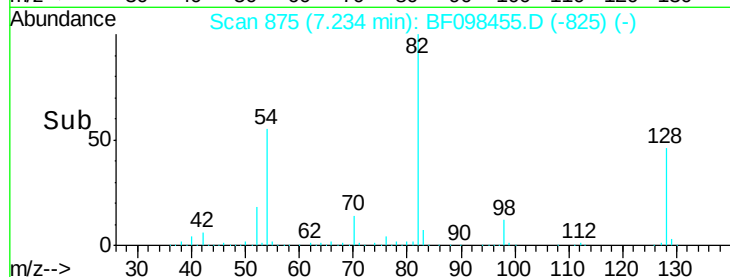
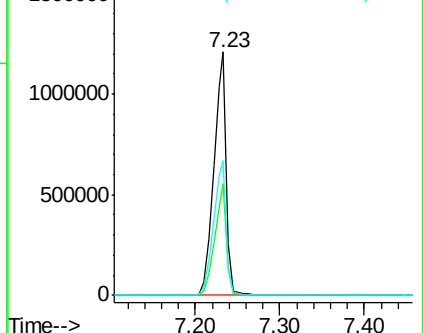
#23
 Nitrobenzene-d5
 Concen: 78.374 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF098455.D
 Acq: 12 Sep 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BL

Tgt Ion: 82 Resp: 1266382
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 55.2 42.2 63.2

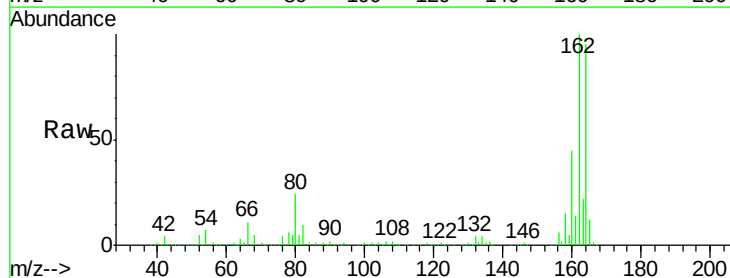


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

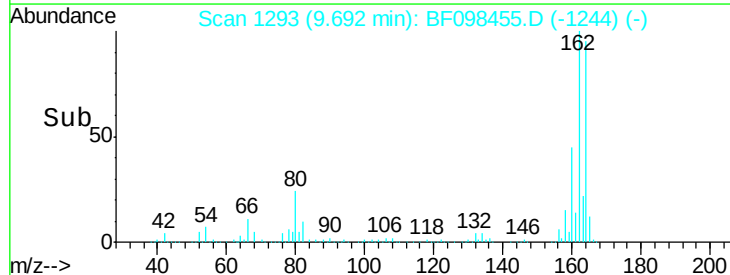
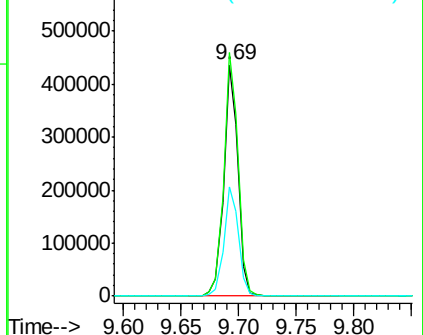


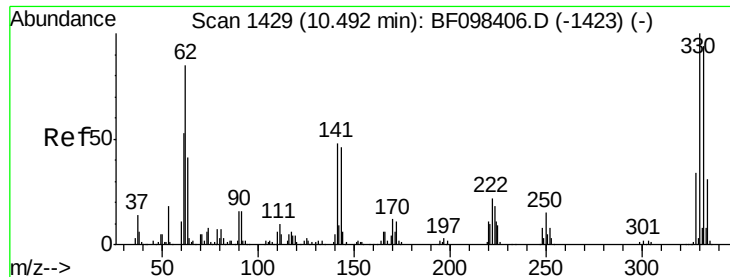
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098455.D
 Acq: 12 Sep 2017 17:31

Tgt Ion: 164 Resp: 370735
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.6 123.8
 160 47.1 36.2 54.2



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: 113.072 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF098455.D

Acq: 12 Sep 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB102265BL

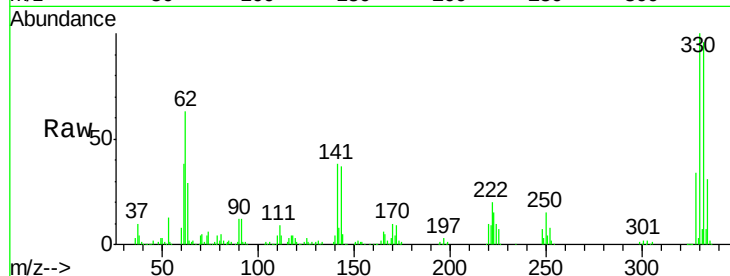
Tgt Ion:330 Resp: 279779

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

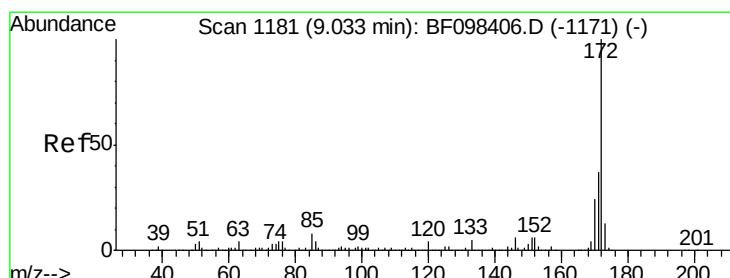
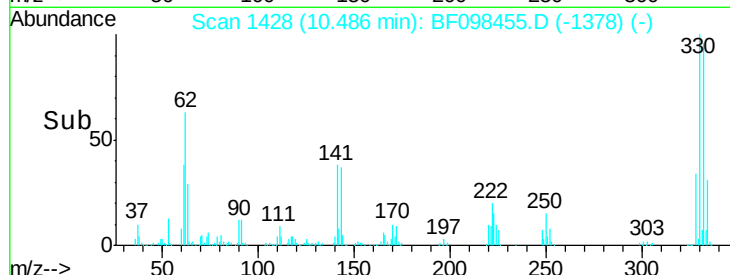
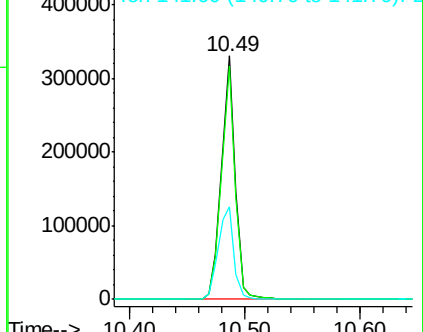
141 42.8 31.4 47.2



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: 90.297 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF098455.D

Acq: 12 Sep 2017 17:31

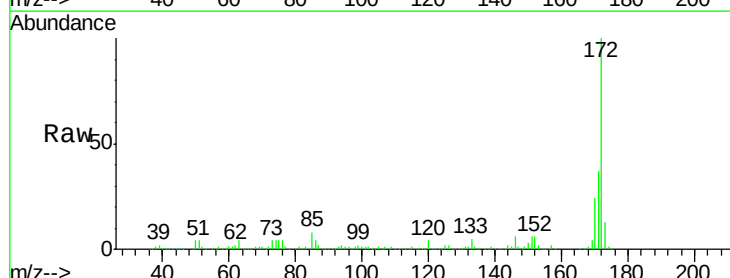
Tgt Ion:172 Resp: 1975088

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

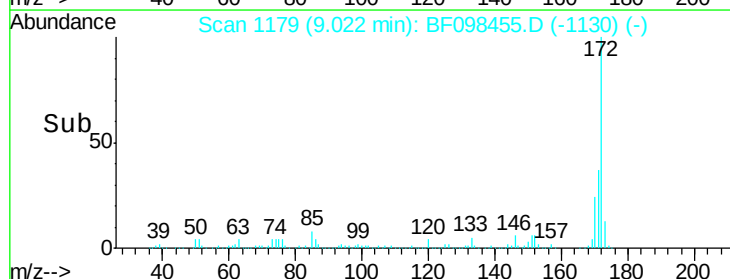
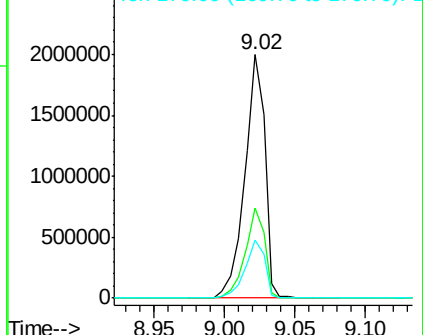
170 24.1 19.8 29.8

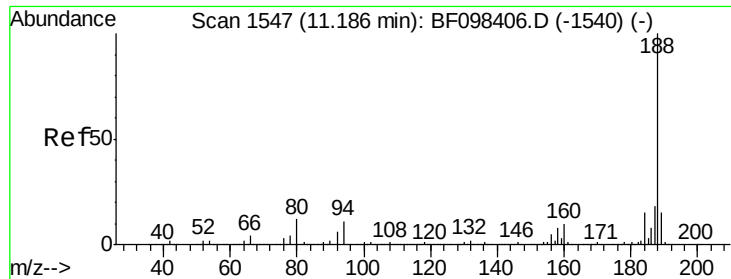


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

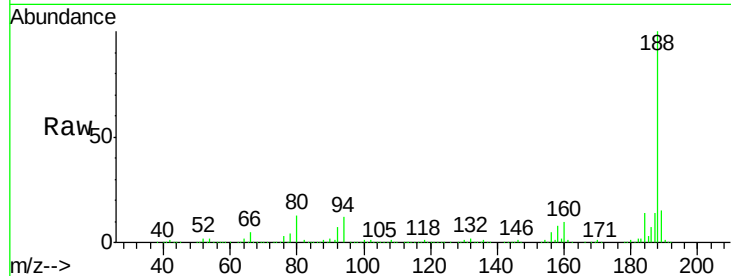




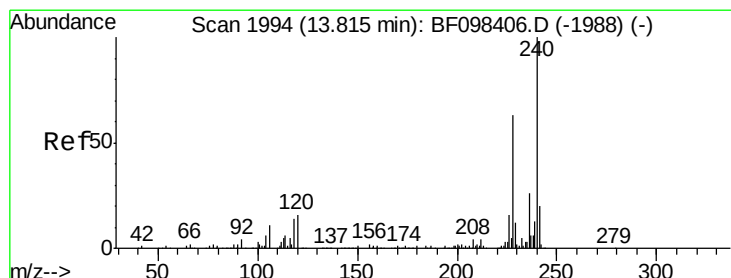
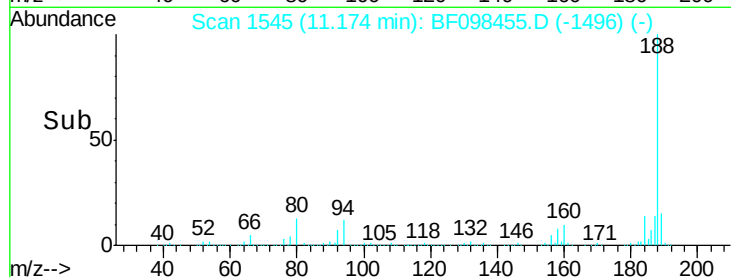
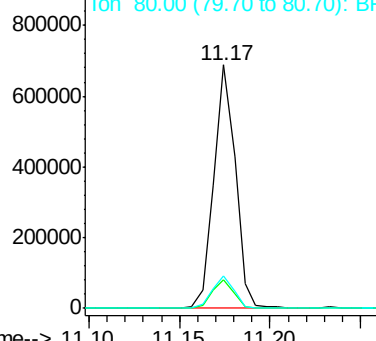
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098455.D
Acq: 12 Sep 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB102265BL

Tgt Ion:188 Resp: 569678
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 13.4 10.2 15.2

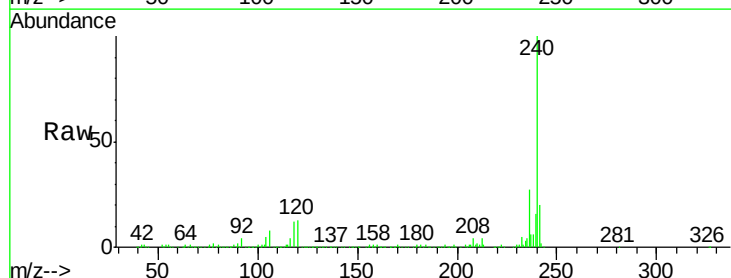


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

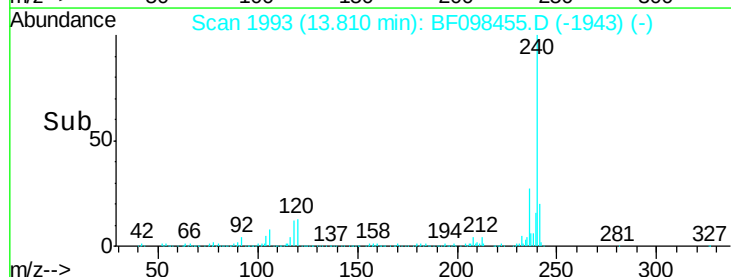
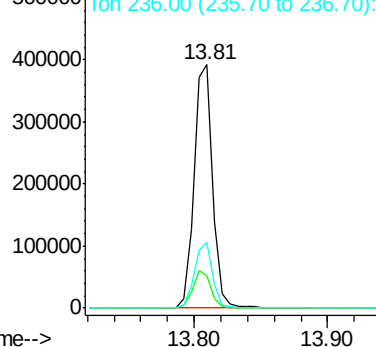


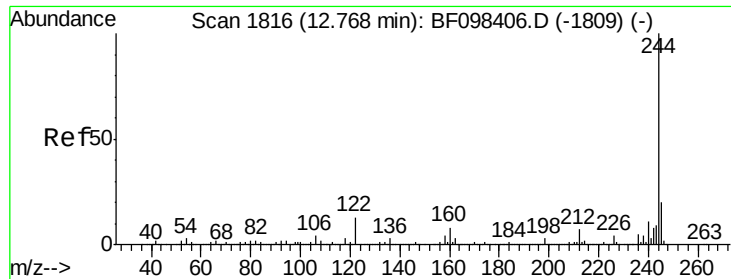
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098455.D
Acq: 12 Sep 2017 17:31

Tgt Ion:240 Resp: 384146
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 26.8 20.5 30.7



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: 69.511 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098455.D

Acq: 12 Sep 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB102265BL

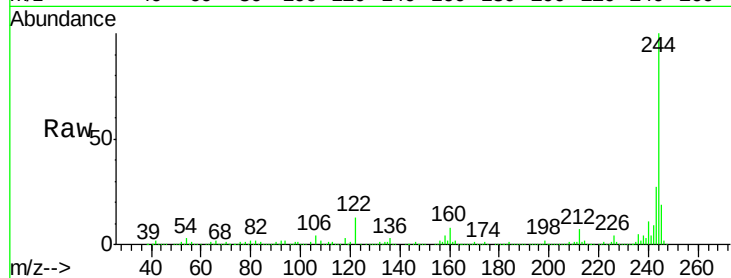
Tgt Ion:244 Resp: 1237099

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

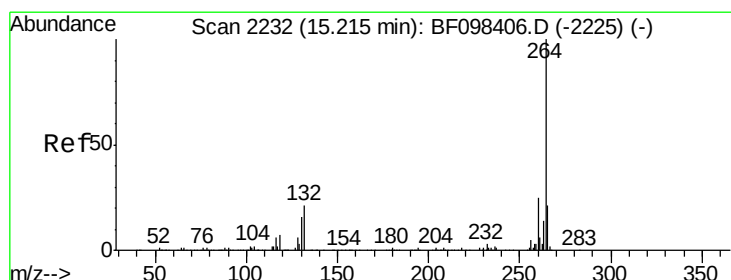
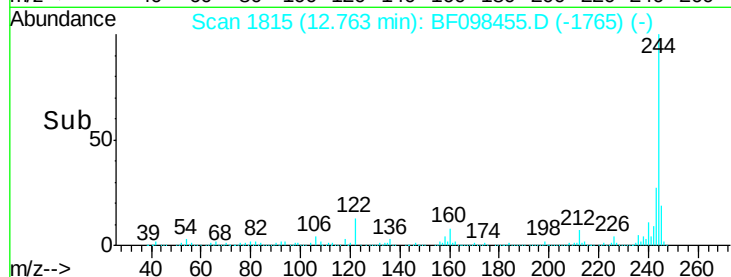
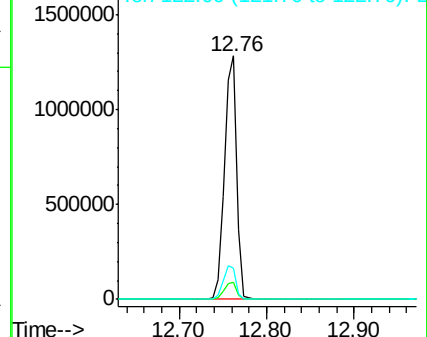
122 12.8 10.3 15.5



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: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098455.D

Acq: 12 Sep 2017 17:31

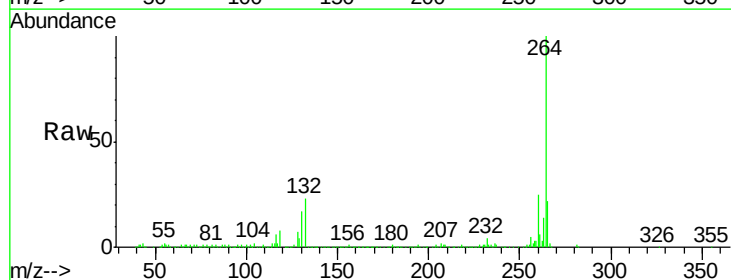
Tgt Ion:264 Resp: 332790

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.6 17.2 25.8



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

