

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098457.D
 Acq On : 12 Sep 2017 18:27
 Operator : SJ/JU
 Sample : PB102209BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BL

Quant Time: Sep 13 01:43:56 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	225885	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	914493	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	383443	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	601414	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	387993	20.00	ng	0.00
86) Perylene-d12	15.20	264	345882	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1898756	124.28	ng	0.00
7) Phenol-d6	6.32	99	2340985	120.68	ng	0.00
23) Nitrobenzene-d5	7.23	82	1417402	86.41	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	322649	126.08	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2223356	98.28	ng	-0.01
78) Terphenyl-d14	12.76	244	1409810	78.43	ng	0.00

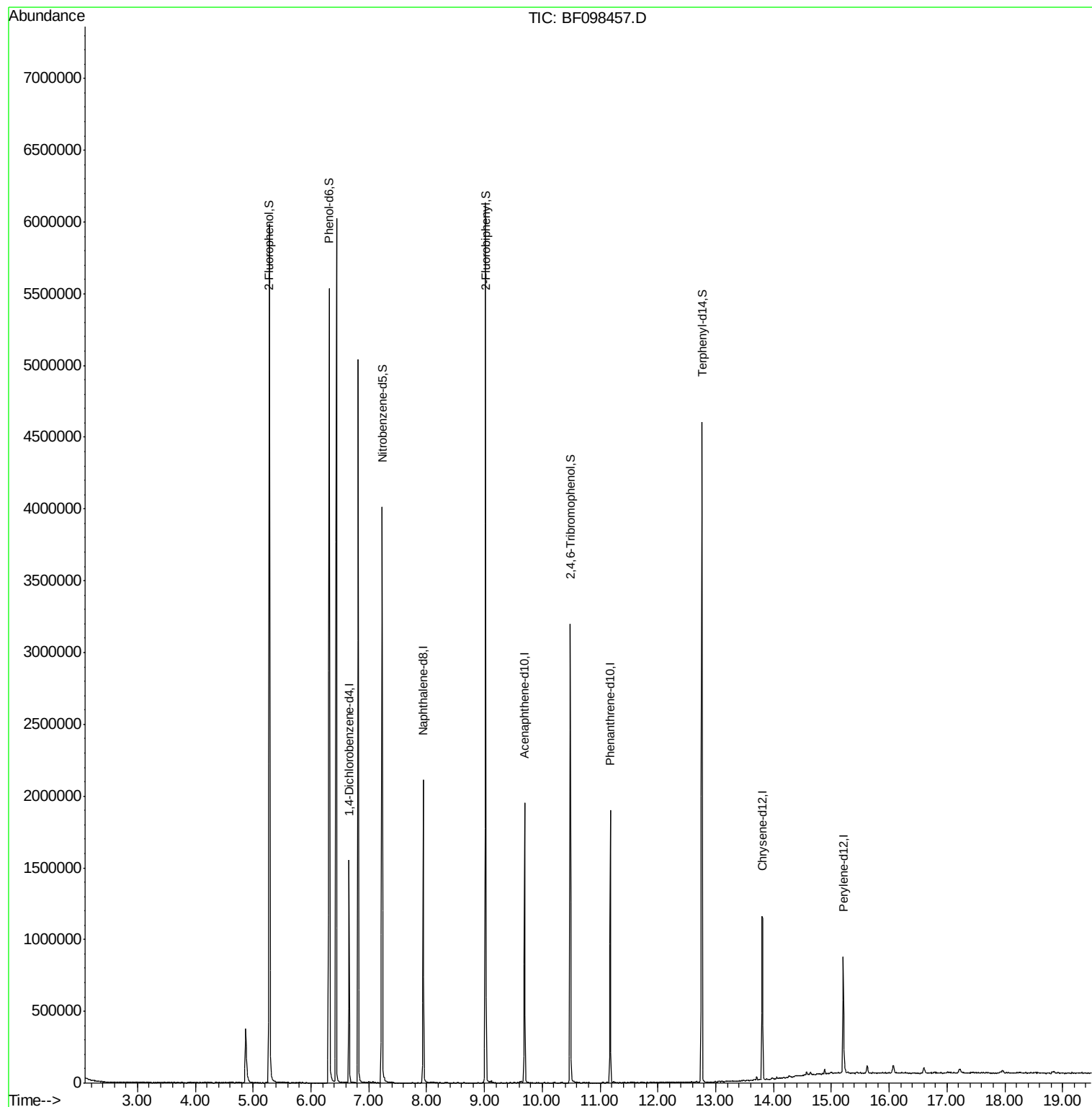
Target Compounds Qvalue

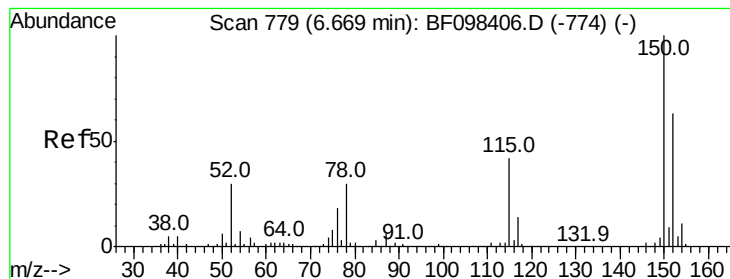
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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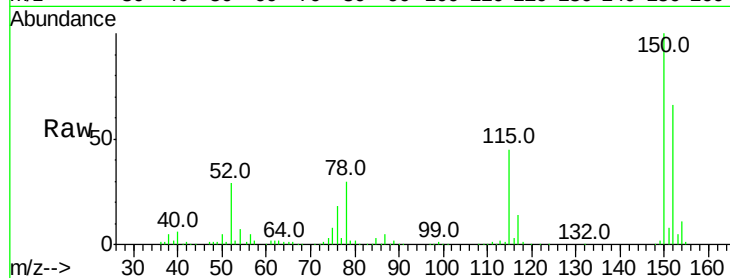


#1

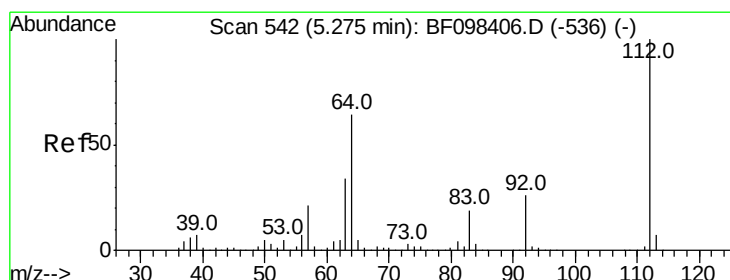
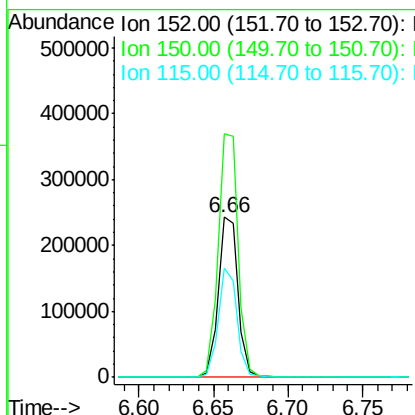
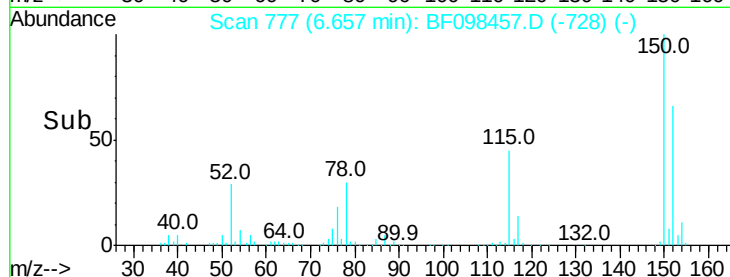
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tot Ion:152 Resp: 225885
Ion Ratio Lower Upper
152 100
150 152.3 126.2 189.2
115 68.7 52.2 78.2



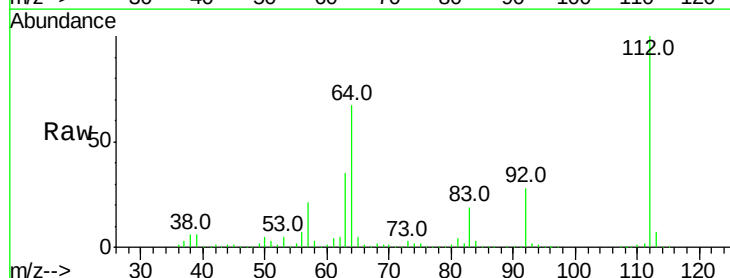
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



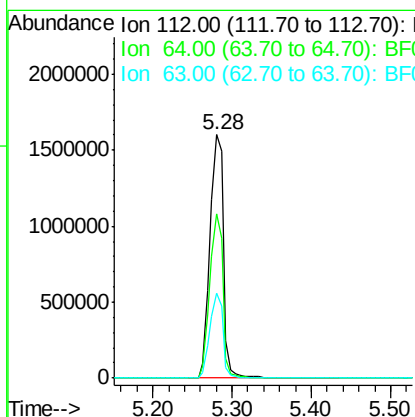
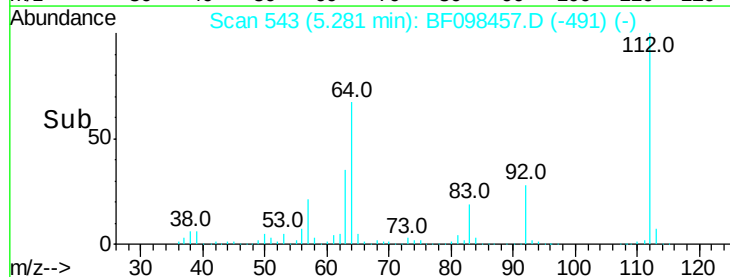
#5

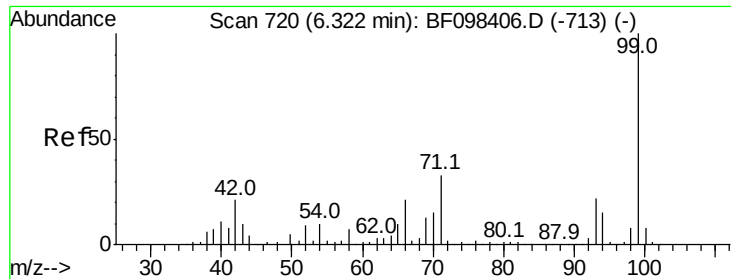
2-Fluorophenol
Concen: 124.283 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:112 Resp: 1898756
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 34.8 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: 120.684 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

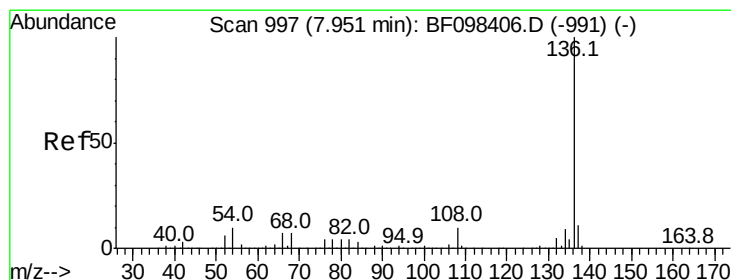
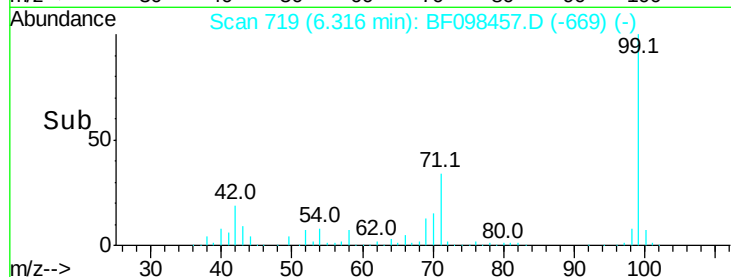
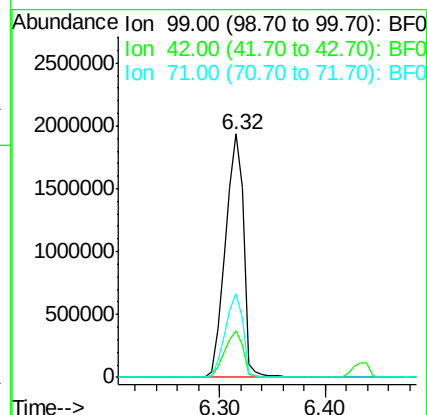
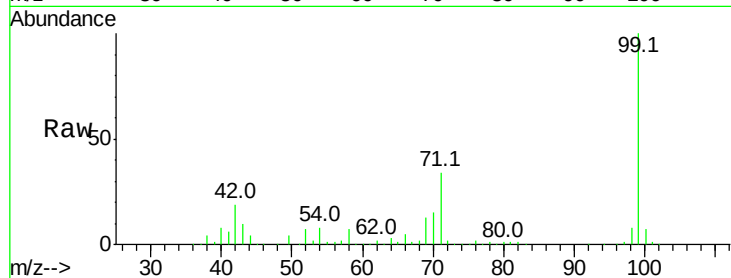
Tot Ion: 99 Resp: 2340985

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

71 34.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Tgt Ion: 136 Resp: 914493

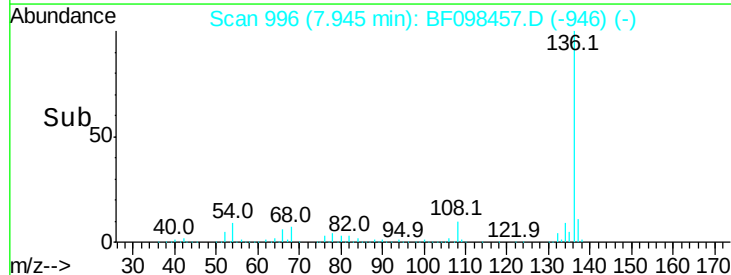
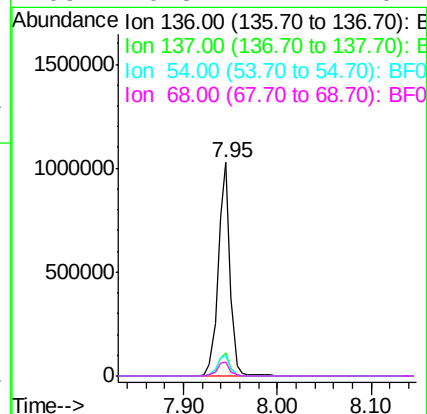
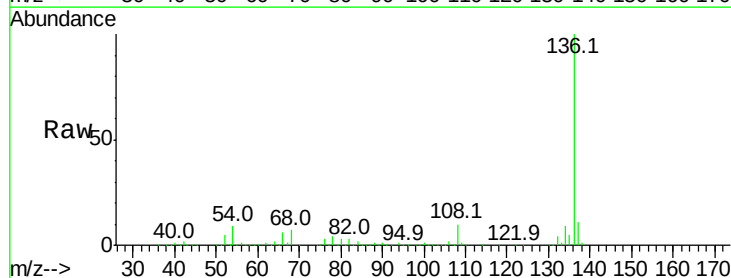
Ion Ratio Lower Upper

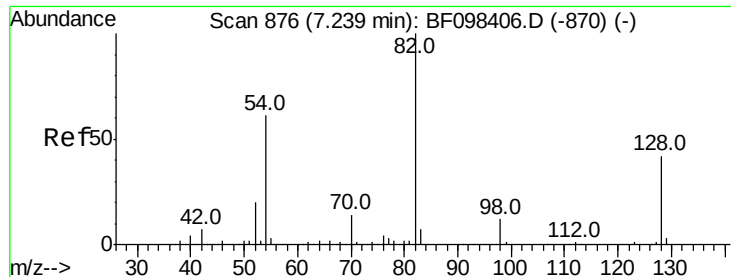
136 100

137 10.9 8.5 12.7

54 9.3 4.9 7.3#

68 6.8 4.1 6.1#

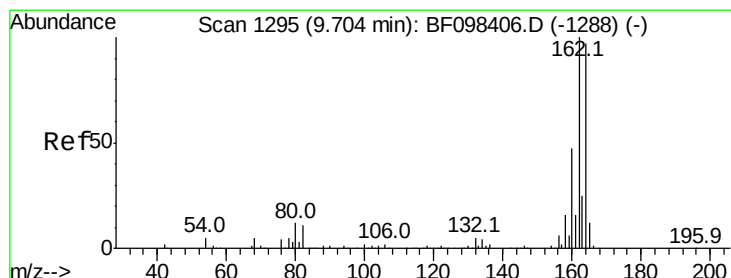
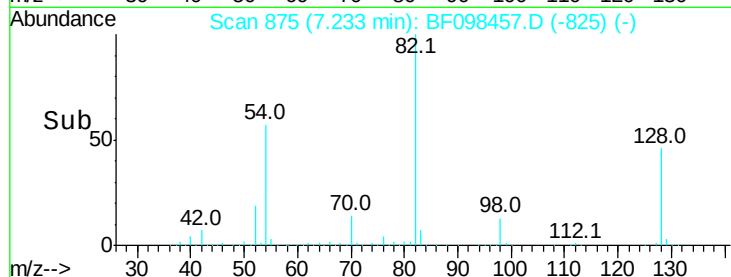
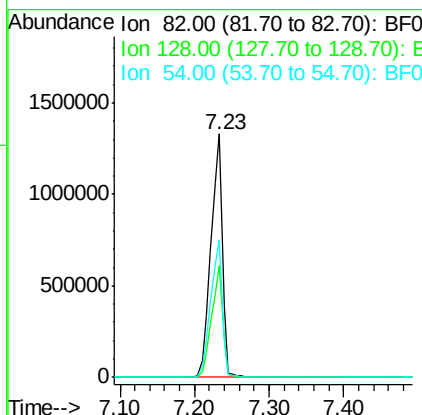
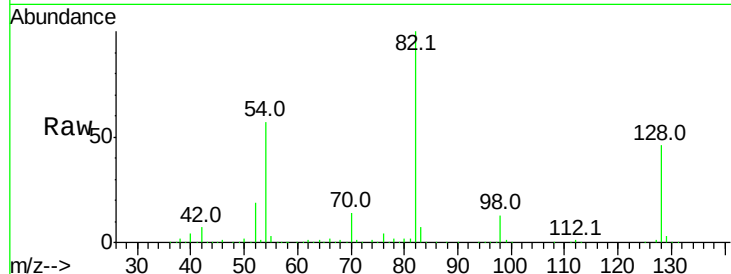




#23
Nitrobenzene-d5
Concen: 86.408 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

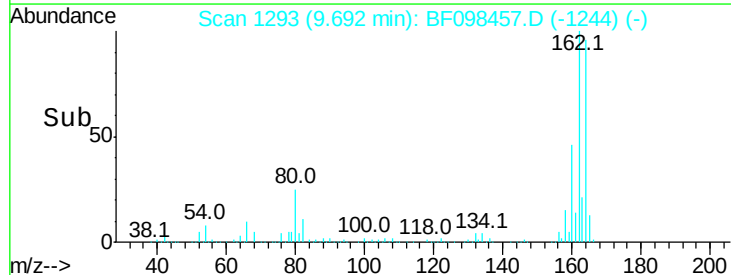
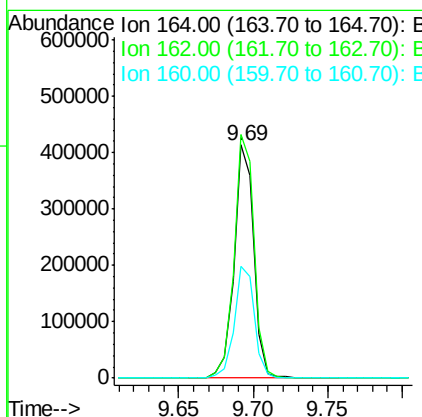
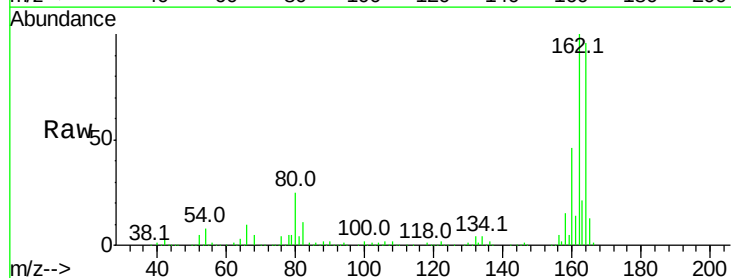
Instrument :
BNA_F
ClientSampleId :
PB102209BL

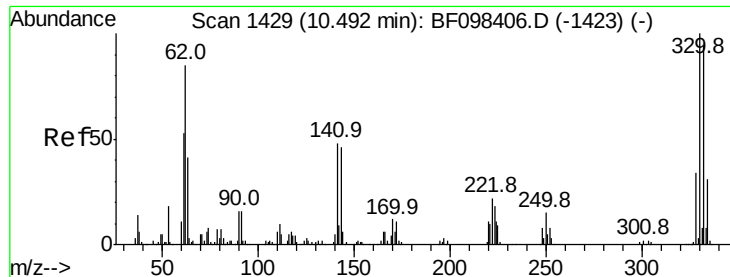
Tot Ion: 82 Resp: 1417402
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 56.5 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:164 Resp: 383443
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 48.2 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 126.076 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

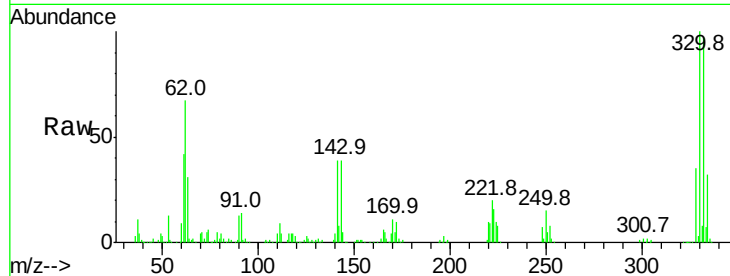
Tot Ion:330 Resp: 322649

Ion Ratio Lower Upper

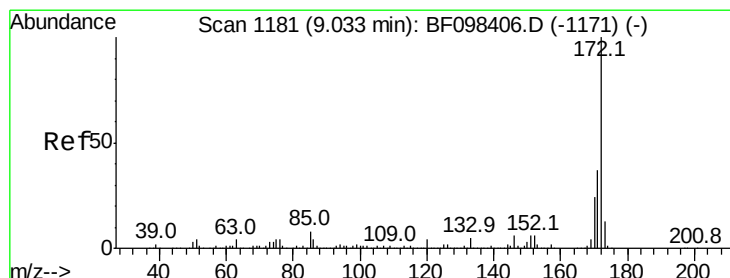
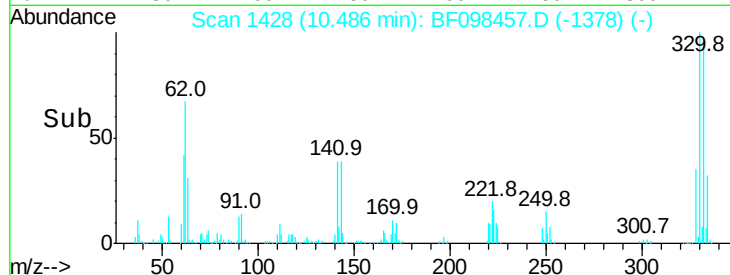
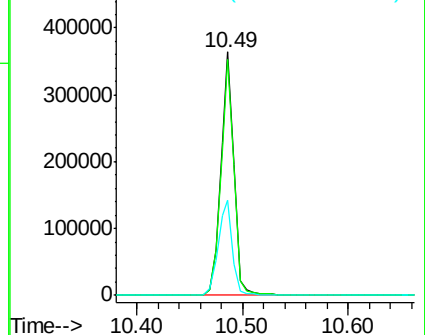
330 100

332 97.2 76.6 115.0

141 42.4 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: 98.278 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

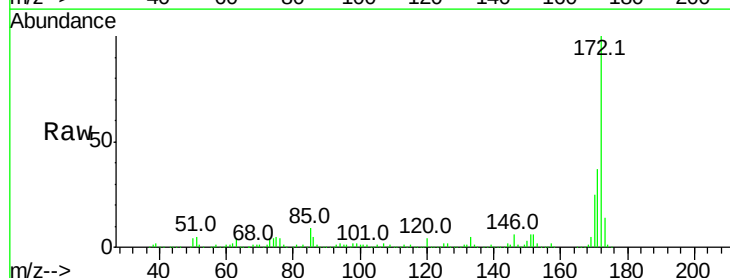
Tgt Ion:172 Resp: 2223356

Ion Ratio Lower Upper

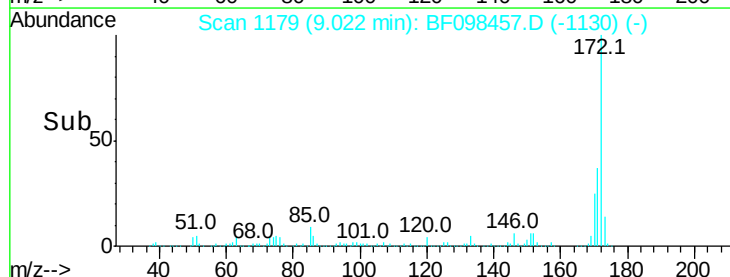
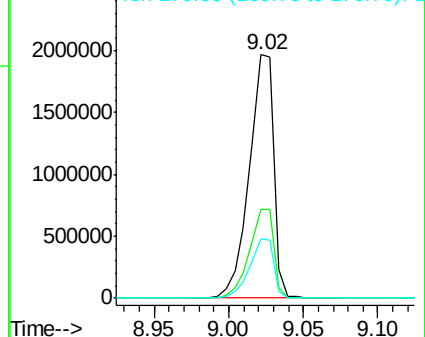
172 100

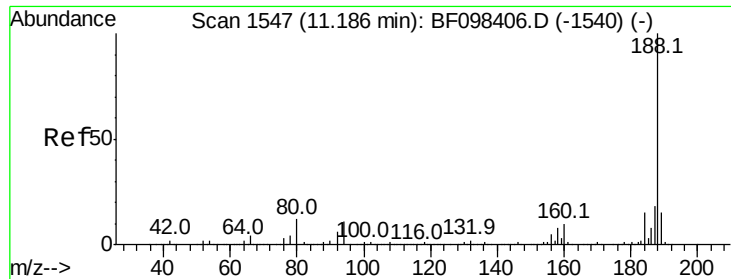
171 36.5 29.6 44.4

170 24.6 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

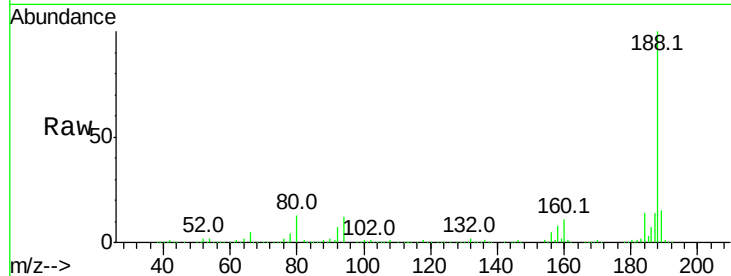




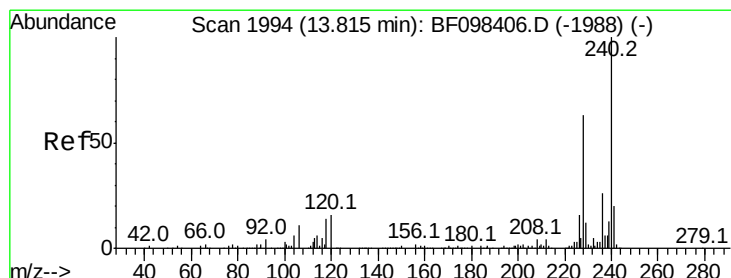
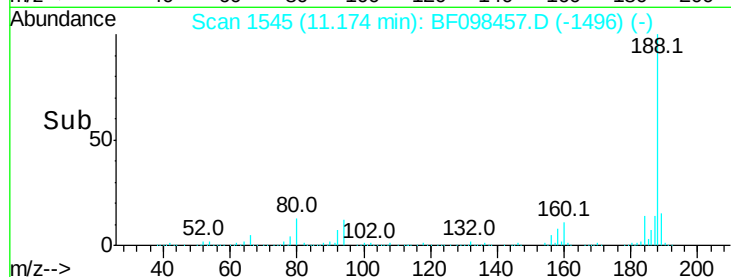
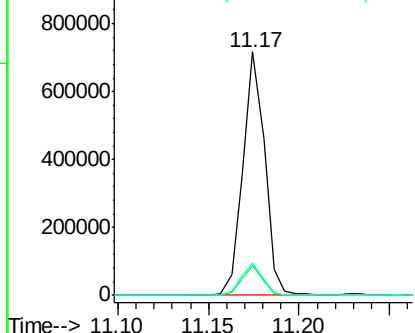
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB102209BL

Tot Ion:188 Resp: 601414
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 13.1 10.2 15.2

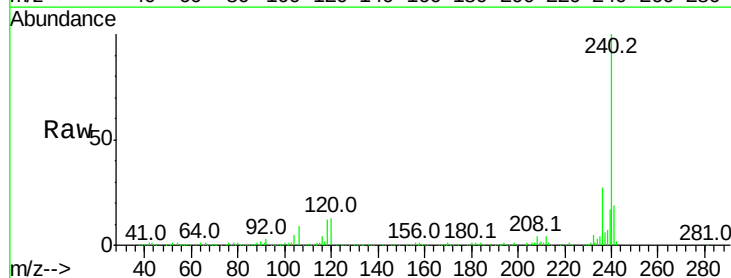


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

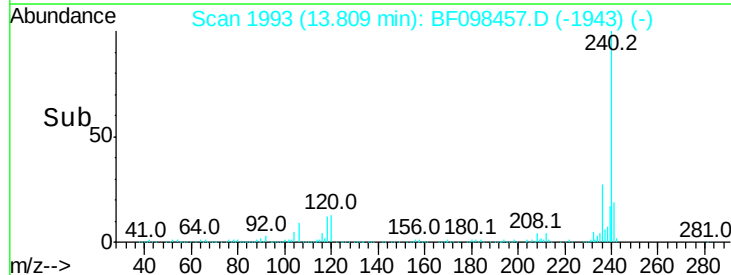
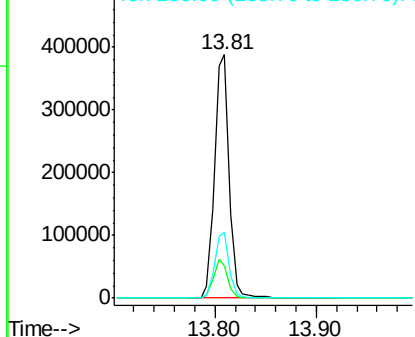


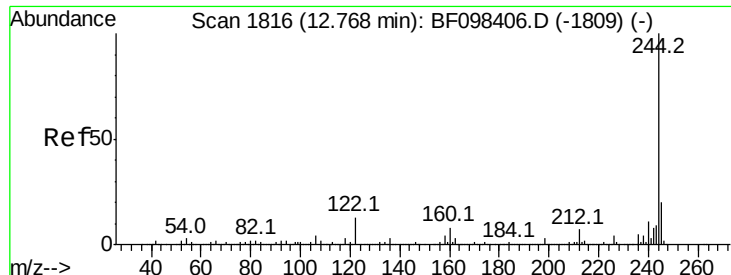
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098457.D
Acq: 12 Sep 2017 18:27

Tgt Ion:240 Resp: 387993
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 27.0 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: 78.430 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB102209BL

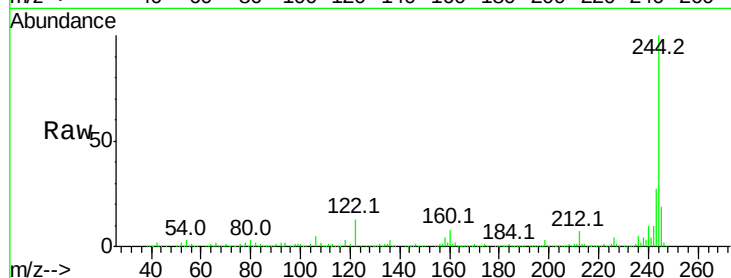
Tot Ion:244 Resp: 1409810

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

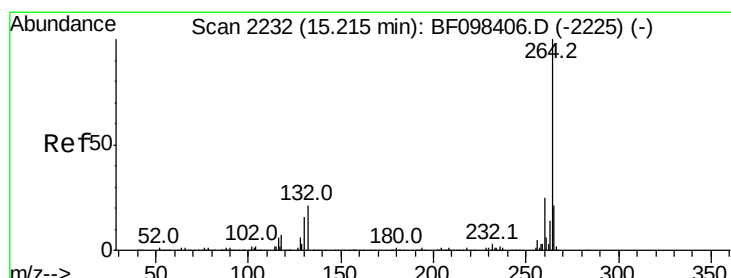
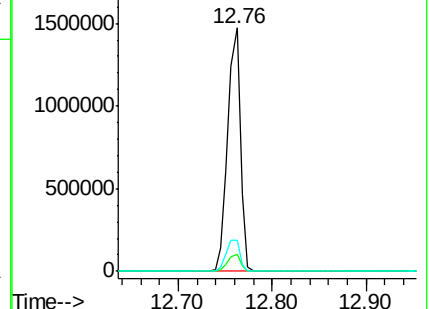
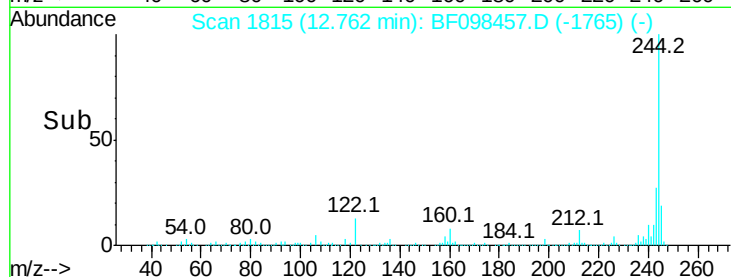
122 12.9 10.3 15.5



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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF098457.D

Acq: 12 Sep 2017 18:27

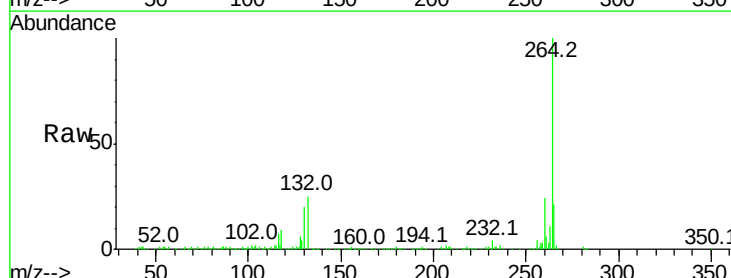
Tgt Ion:264 Resp: 345882

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.3 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

