

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098476.D
 Acq On : 13 Sep 2017 3:45
 Operator : SJ/JU
 Sample : I5171-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2342-2669-3025-3091-3873

Quant Time: Sep 13 05:46:34 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	191521	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	751333	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	292229	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	451044	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	369038	20.00	ng	0.00
86) Perylene-d12	15.21	264	290036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1164315	89.88	ng	0.00
7) Phenol-d6	6.32	99	1296528	78.83	ng	0.00
23) Nitrobenzene-d5	7.23	82	883190	65.53	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	207495	106.39	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1409380	81.74	ng	-0.01
78) Terphenyl-d14	12.76	244	1018323	59.56	ng	-0.01

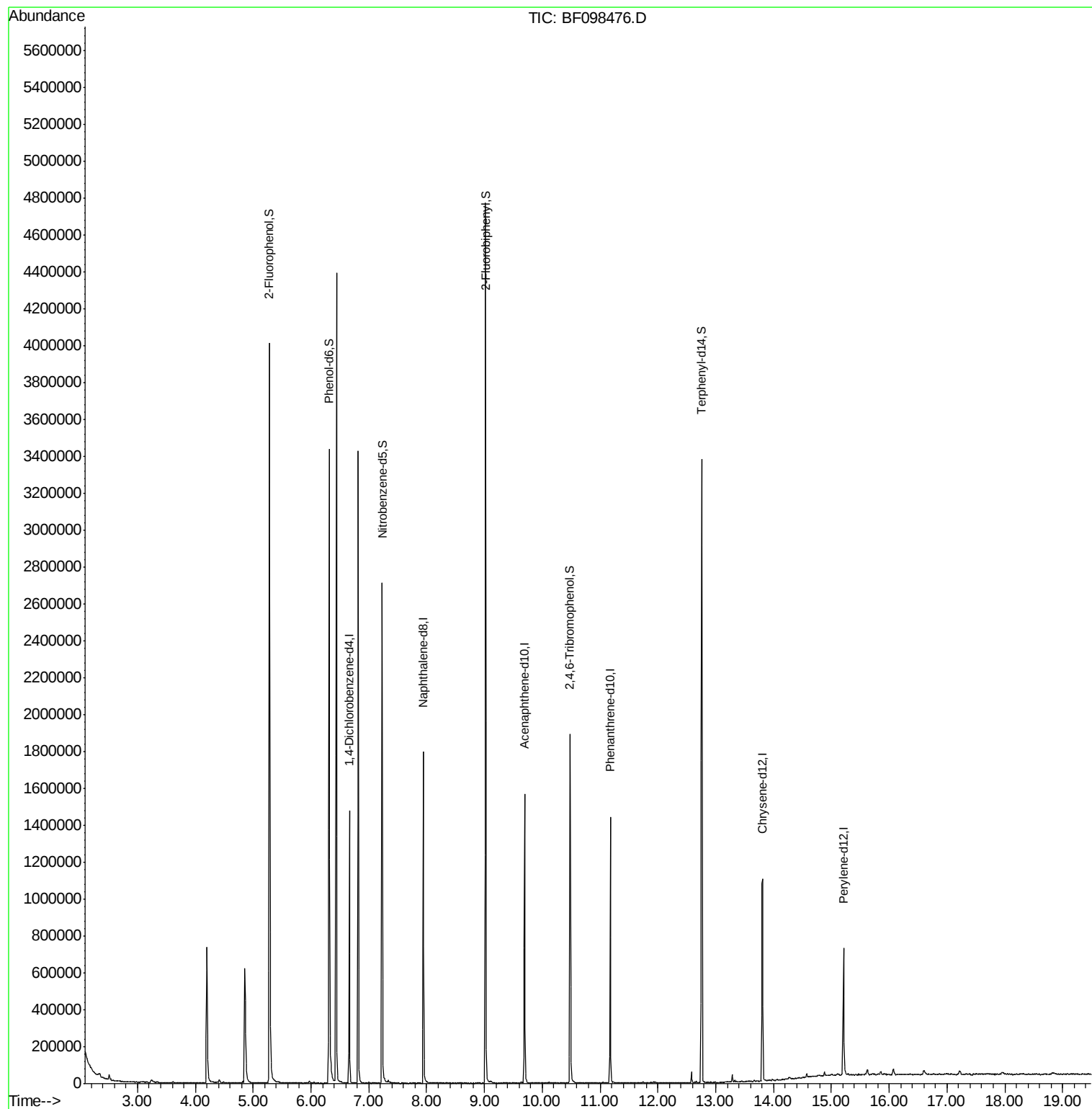
Target Compounds Qvalue

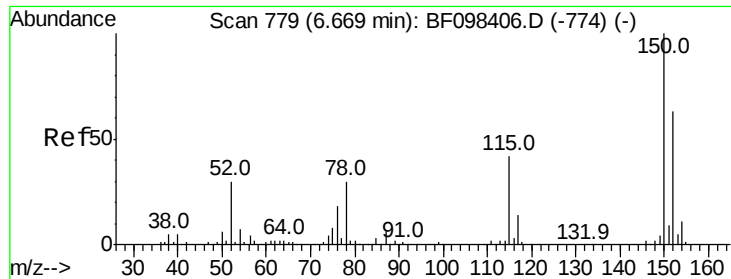
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098476.D
Acq On : 13 Sep 2017 3:45
Operator : SJ/JU
Sample : I5171-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-2342-2669-3025-3091-3873

Quant Time: Sep 13 05:46:34 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



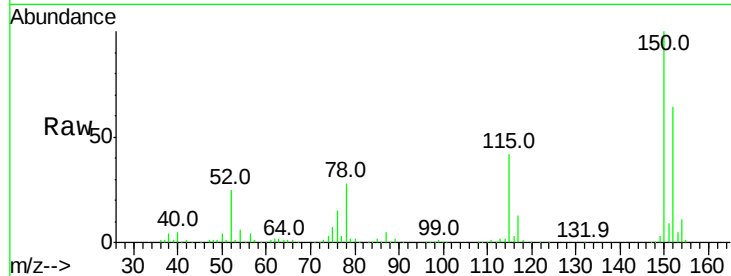


#1

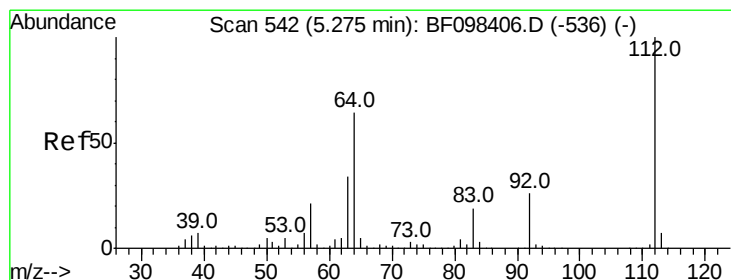
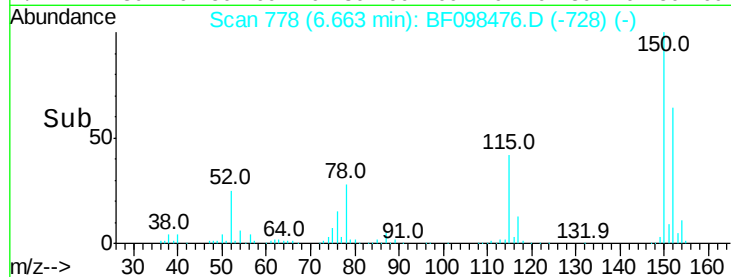
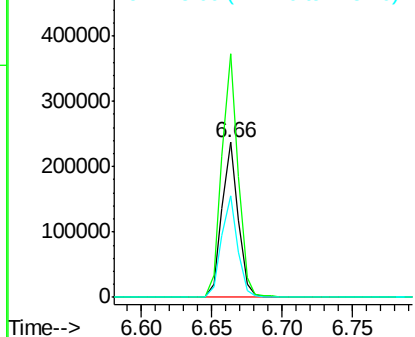
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098476.D
Acq: 13 Sep 2017 3:45

Instrument :
BNA_F
ClientSampleId :
RT-2342-2669-3025-3091-3873

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	65.8	52.2	78.2



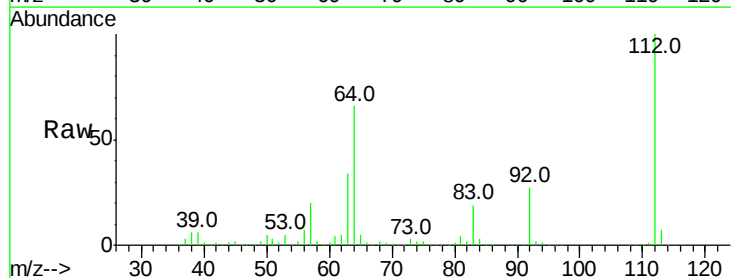
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



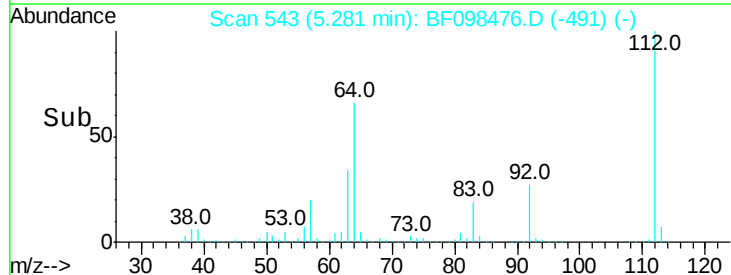
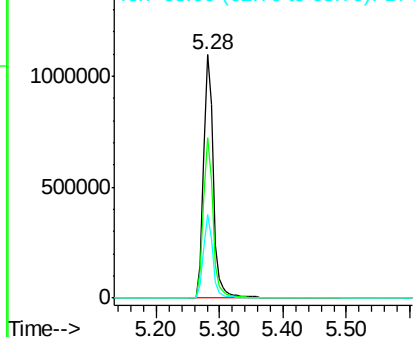
#5

2-Fluorophenol
Concen: 89.884 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF098476.D
Acq: 13 Sep 2017 3:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	34.2	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: 78.832 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098476.D

Acq: 13 Sep 2017 3:45

Instrument :

BNA_F

ClientSampleId :

RT-2342-2669-3025-3091-3873

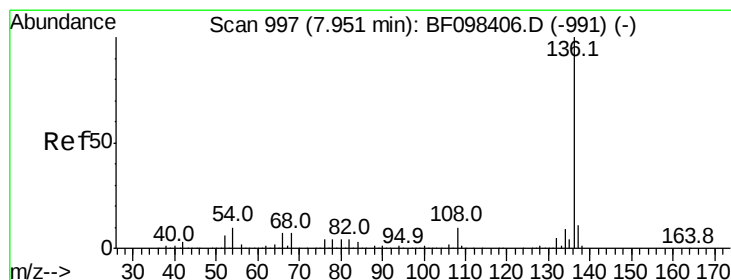
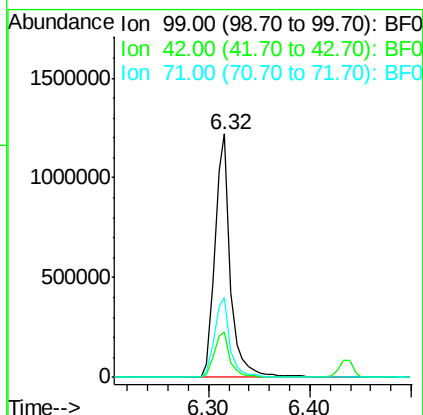
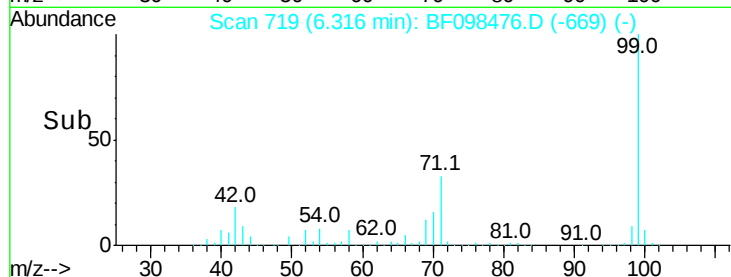
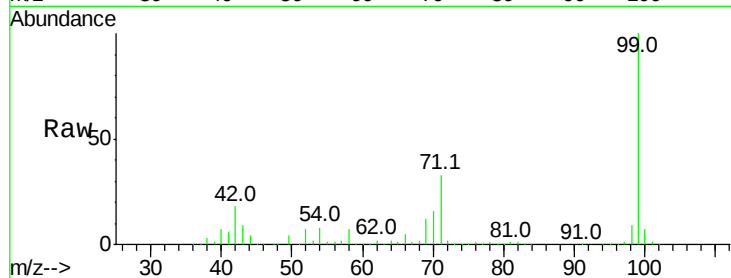
Tot Ion: 99 Resp: 1296528

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

71 32.7 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: BF098476.D

Acq: 13 Sep 2017 3:45

Tgt Ion: 136 Resp: 751333

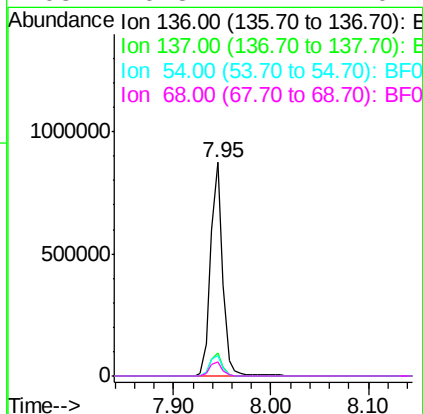
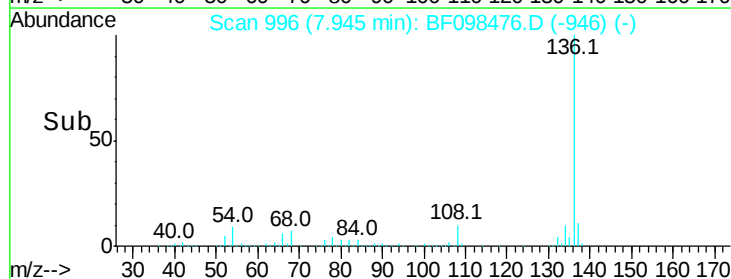
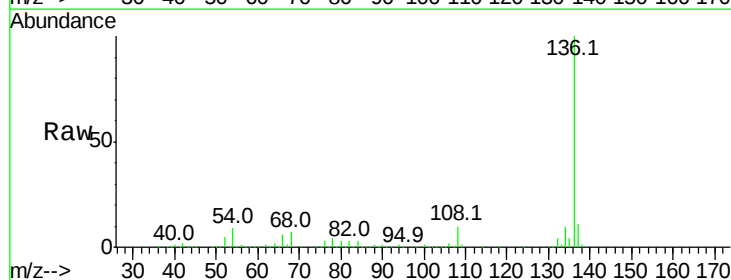
Ion Ratio Lower Upper

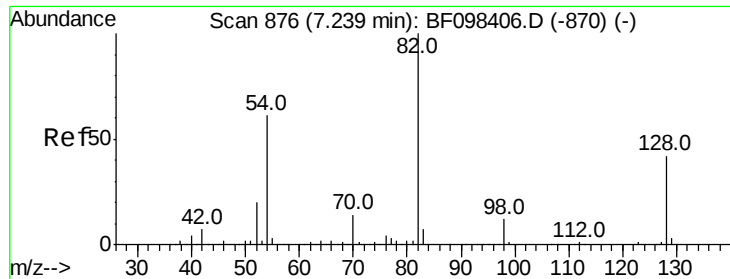
136 100

137 10.7 8.5 12.7

54 9.3 4.9 7.3#

68 6.8 4.1 6.1#

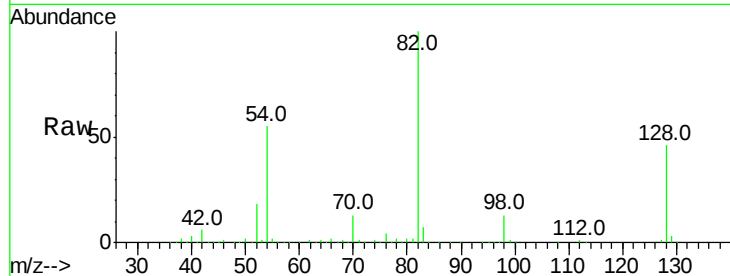




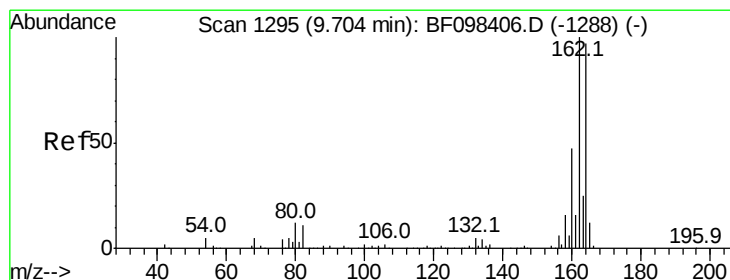
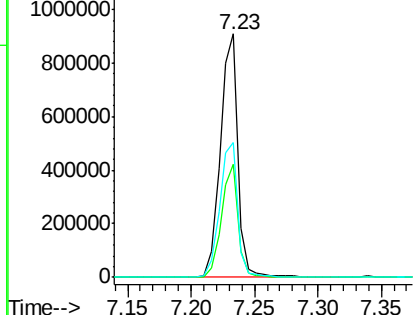
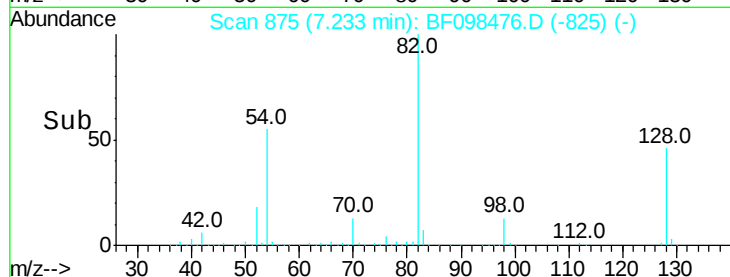
#23
 Nitrobenzene-d5
 Concen: 65.534 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF098476.D
 Acq: 13 Sep 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 RT-2342-2669-3025-3091-3873

Tot Ion: 82 Resp: 883190
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 55.4 42.2 63.2

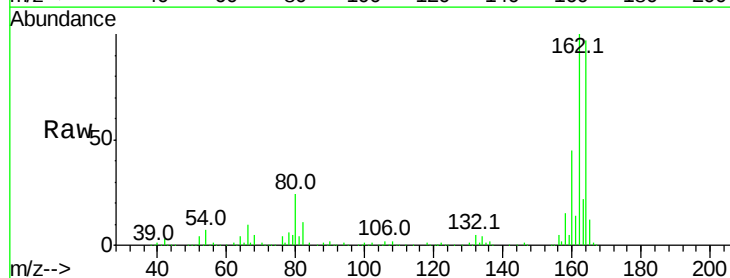


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

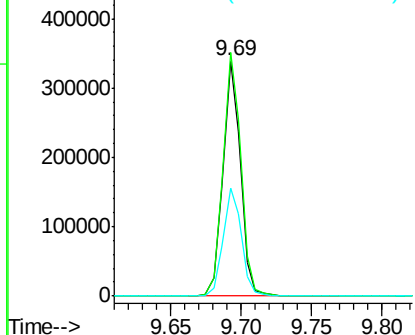
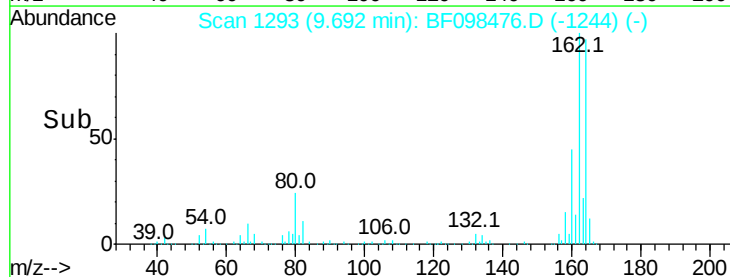


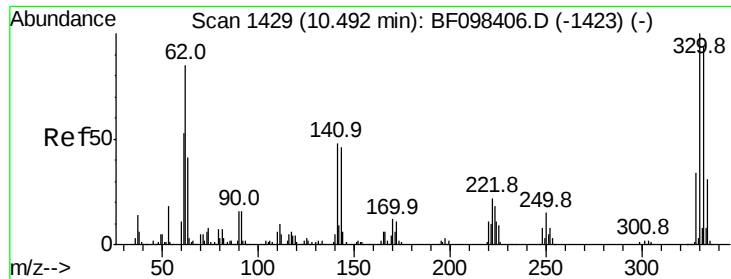
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098476.D
 Acq: 13 Sep 2017 3:45

Tgt Ion: 164 Resp: 292229
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 46.1 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

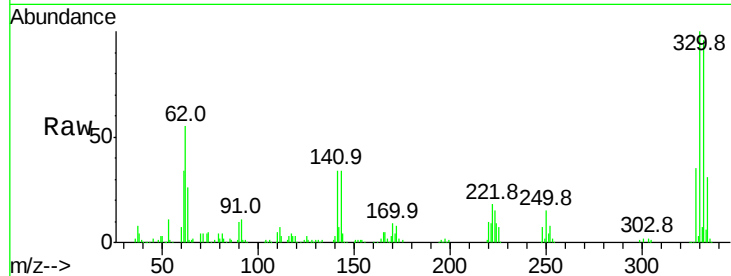




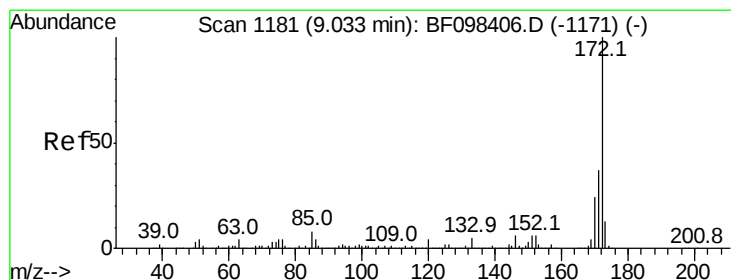
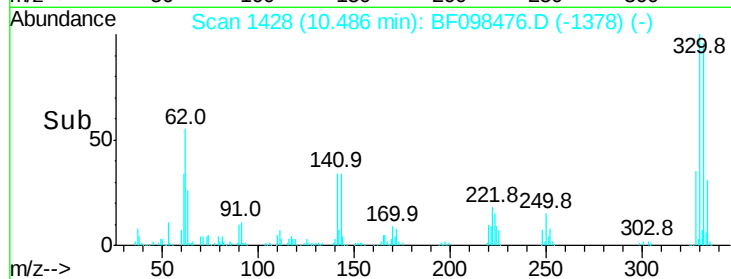
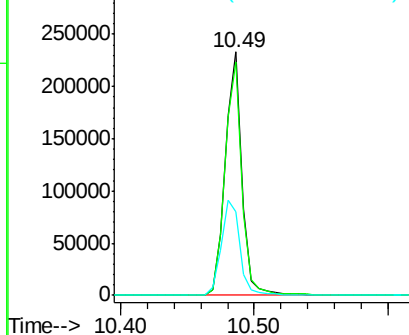
#41
 2,4,6-Tribromophenol
 Concen: 106.386 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098476.D
 Acq: 13 Sep 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 RT-2342-2669-3025-3091-3873

Tot Ion:330 Resp: 207495
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 43.7 31.4 47.2

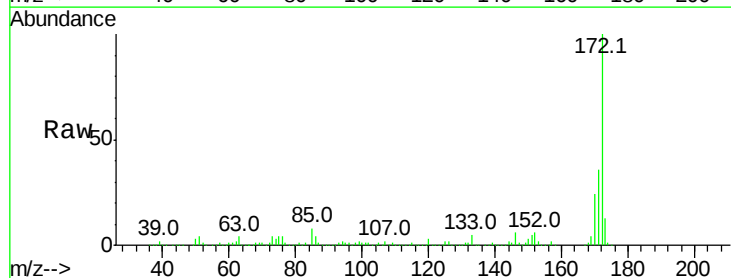


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

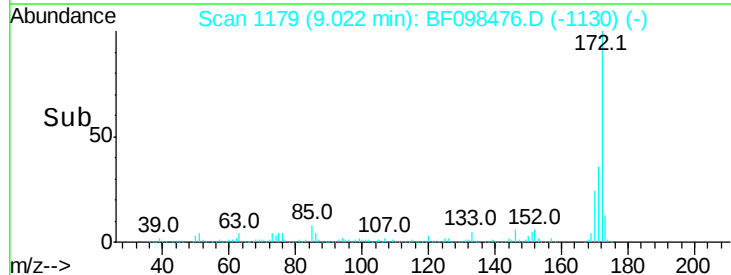
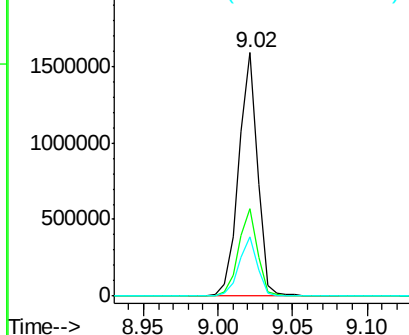


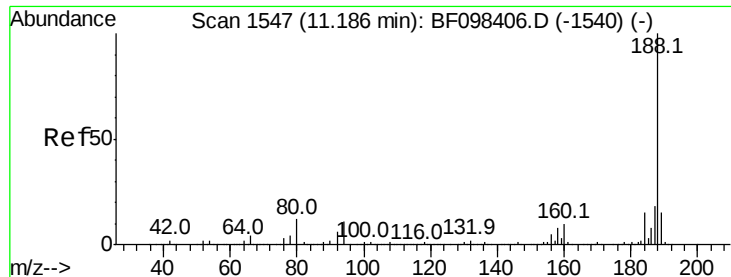
#44
 2-Fluorobiphenyl
 Concen: 81.744 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098476.D
 Acq: 13 Sep 2017 3:45

Tgt Ion:172 Resp: 1409380
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

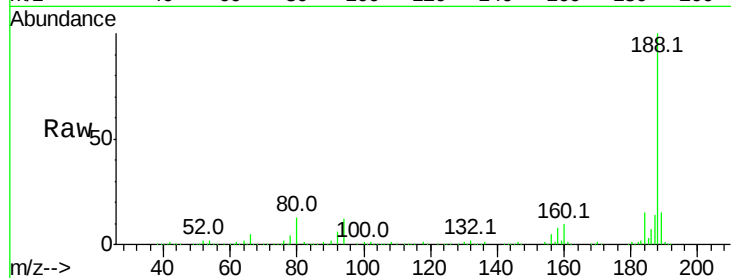




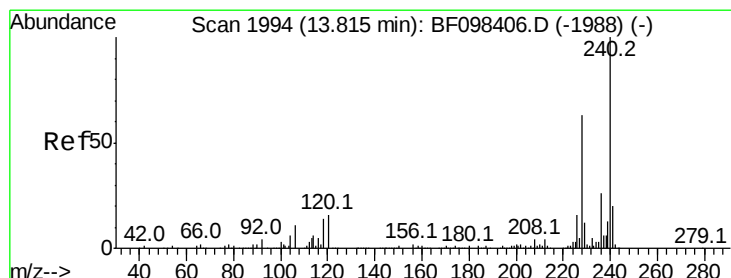
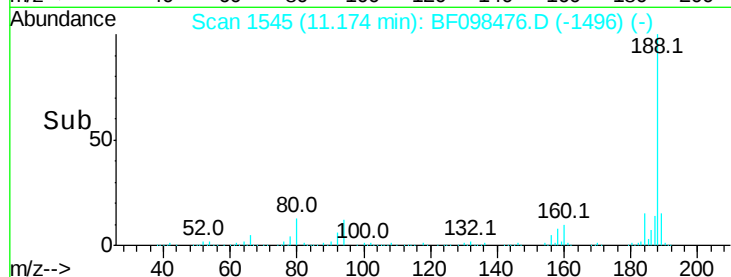
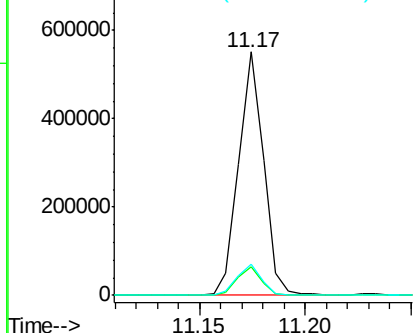
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098476.D
Acq: 13 Sep 2017 3:45

Instrument :
BNA_F
ClientSampleId :
RT-2342-2669-3025-3091-3873

Tot Ion:188 Resp: 451044
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.8 10.2 15.2

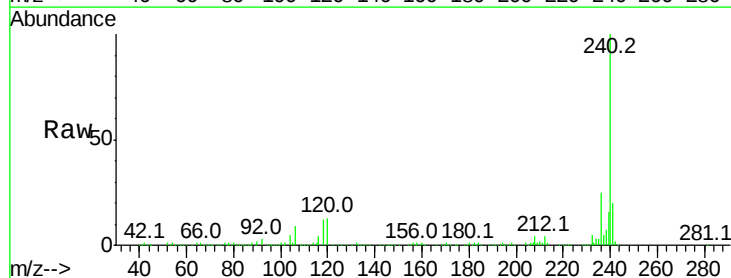


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

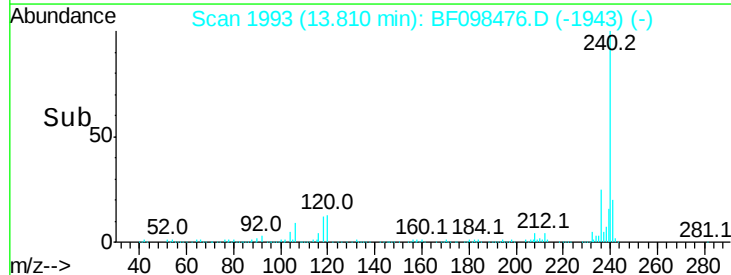
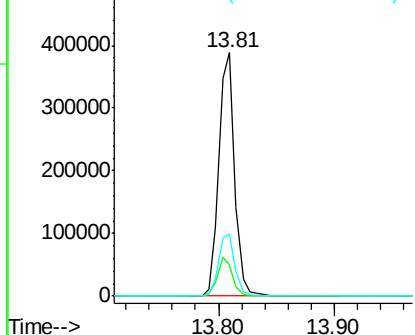


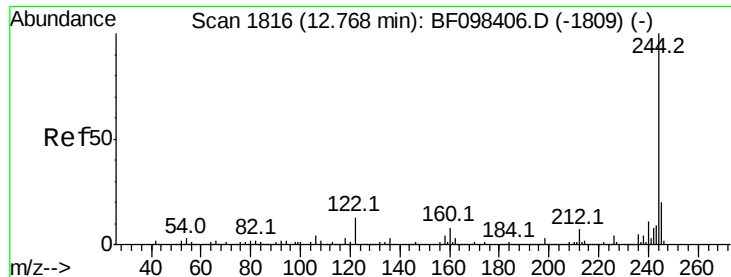
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098476.D
Acq: 13 Sep 2017 3:45

Tgt Ion:240 Resp: 369038
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 25.5 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: 59.561 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098476.D

Acq: 13 Sep 2017 3:45

Instrument :

BNA_F

ClientSampleId :

RT-2342-2669-3025-3091-3873

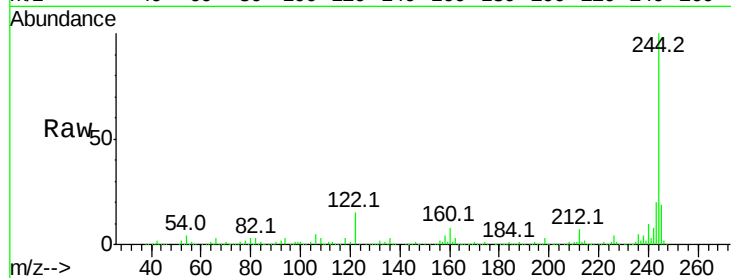
Tot Ion:244 Resp: 1018323

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

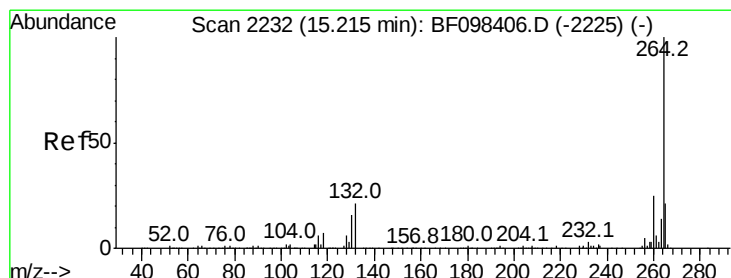
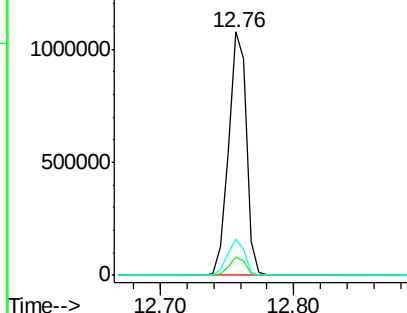
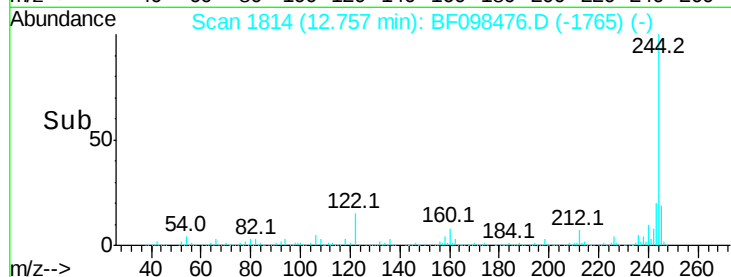
122 14.8 10.3 15.5



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: BF098476.D

Acq: 13 Sep 2017 3:45

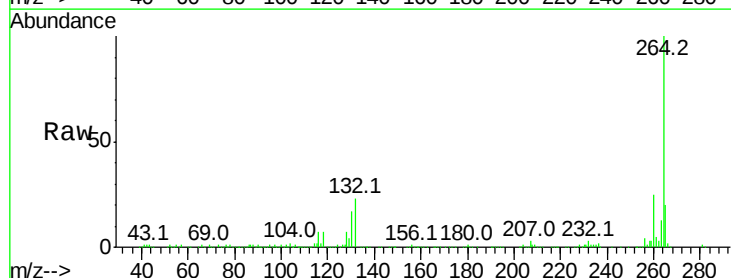
Tgt Ion:264 Resp: 290036

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 20.2 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

