

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098475.D
 Acq On : 13 Sep 2017 3:17
 Operator : SJ/JU
 Sample : I5184-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Quant Time: Sep 13 03:50:27 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	210422	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	818186	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	319380	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	477191	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	374821	20.00	ng	0.00
86) Perylene-d12	15.21	264	284573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1025887	72.08	ng	0.00
7) Phenol-d6	6.31	99	1166363	64.55	ng	-0.01
23) Nitrobenzene-d5	7.23	82	769639	52.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	174926	82.06	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1231184	65.34	ng	-0.01
78) Terphenyl-d14	12.76	244	888932	51.19	ng	-0.01

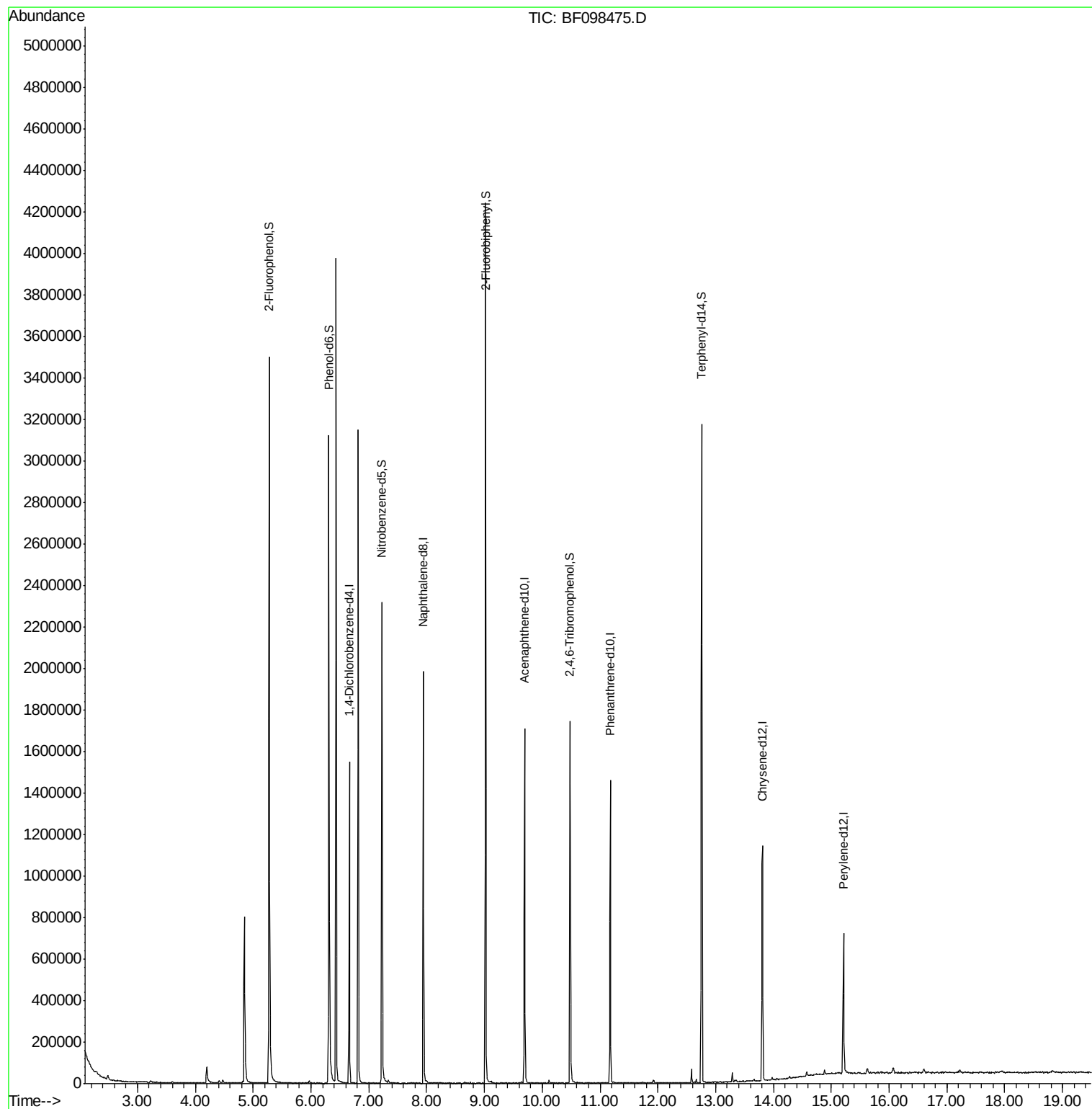
Target Compounds Qvalue

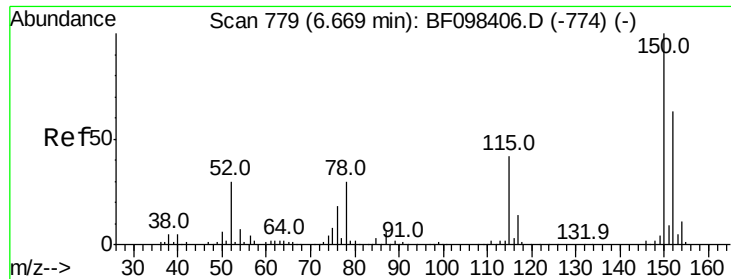
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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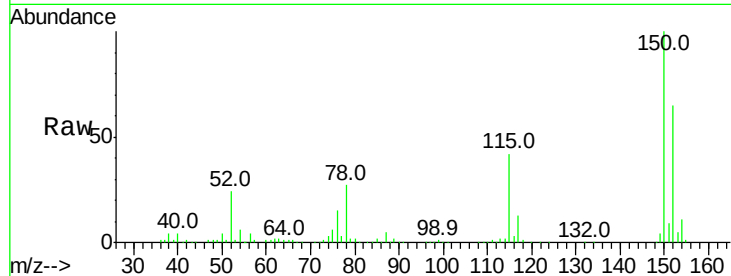


#1

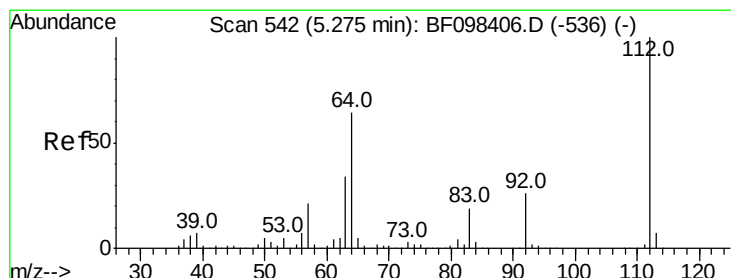
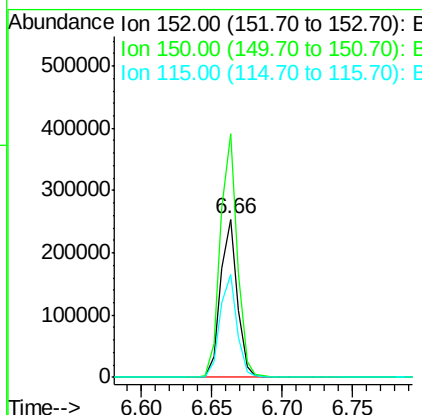
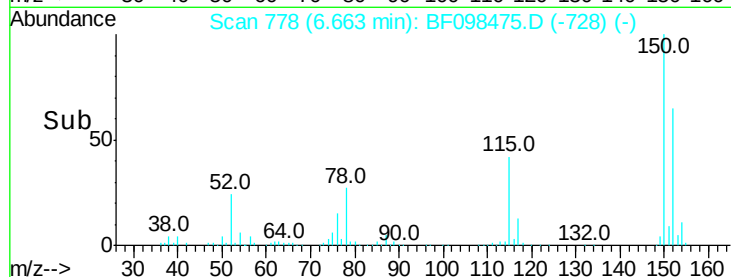
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Tot Ion:152 Resp: 210422
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.2 189.2
 115 65.2 52.2 78.2



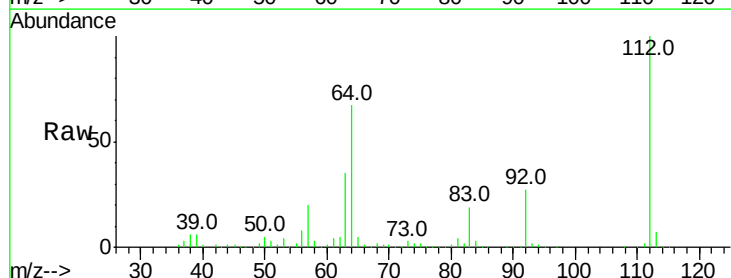
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



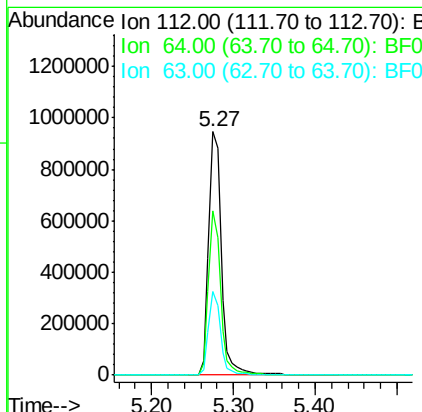
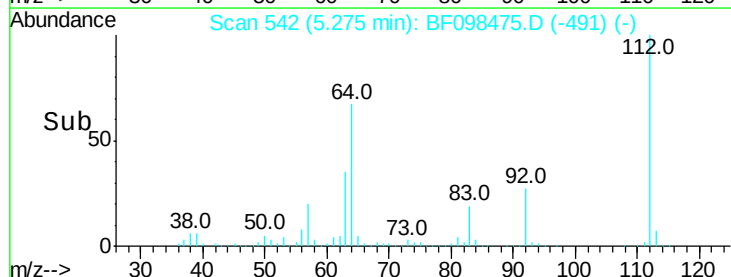
#5

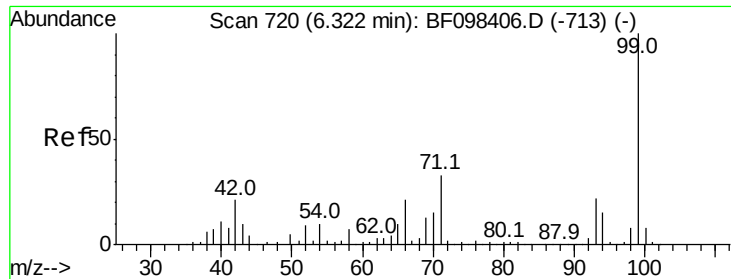
2-Fluorophenol
 Concen: 72.084 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Tgt Ion:112 Resp: 1025887
 Ion Ratio Lower Upper
 112 100
 64 67.5 46.0 69.0
 63 34.6 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: 64.548 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098475.D

Acq: 13 Sep 2017 3:17

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

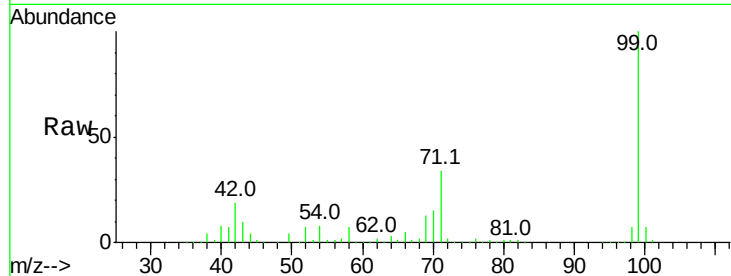
Tot Ion: 99 Resp: 1166363

Ion Ratio Lower Upper

99 100

42 19.5 13.5 20.3

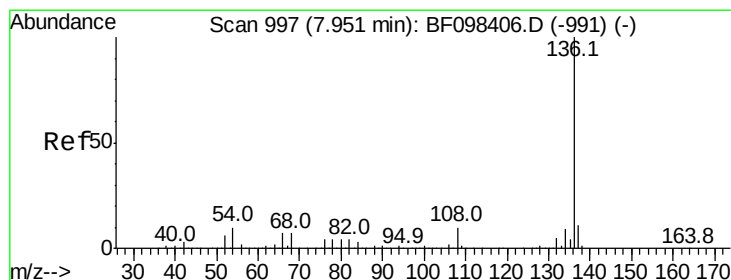
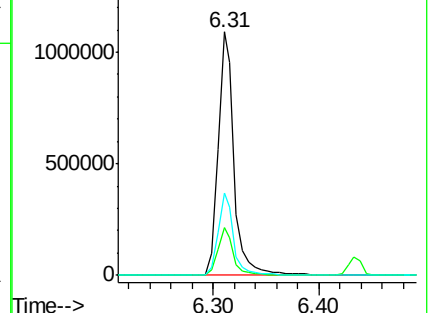
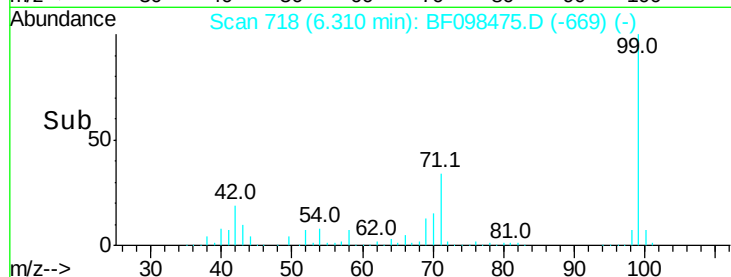
71 33.6 24.5 36.7



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: BF098475.D

Acq: 13 Sep 2017 3:17

Tgt Ion: 136 Resp: 818186

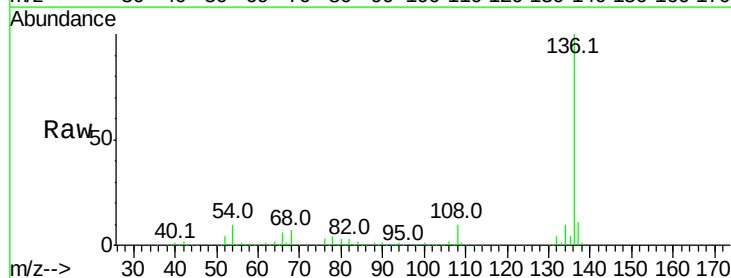
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.5 4.9 7.3#

68 6.9 4.1 6.1#

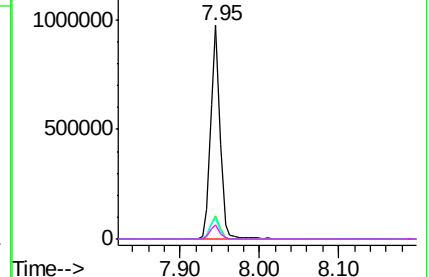
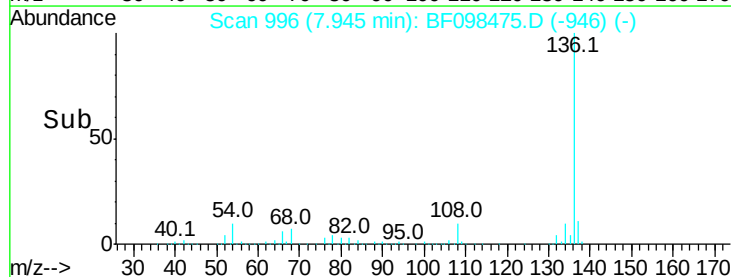


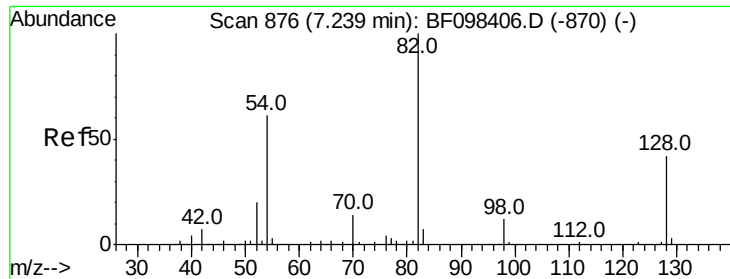
Abundance Ion 136.00 (135.70 to 136.70): E

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

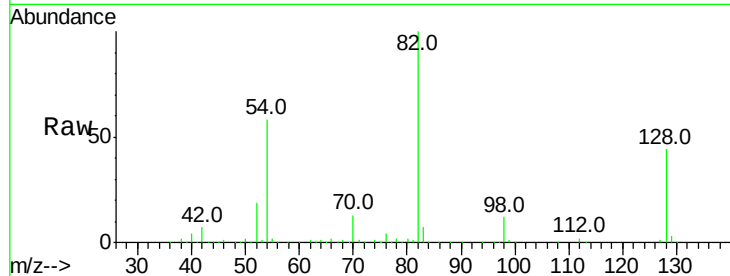




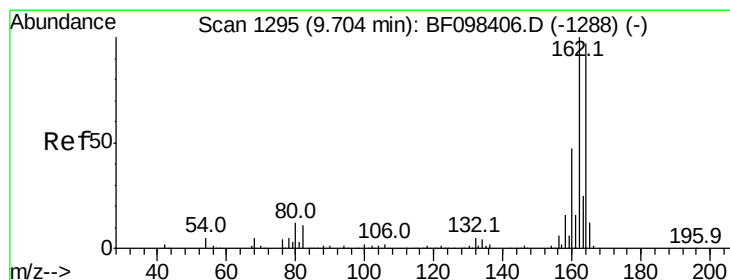
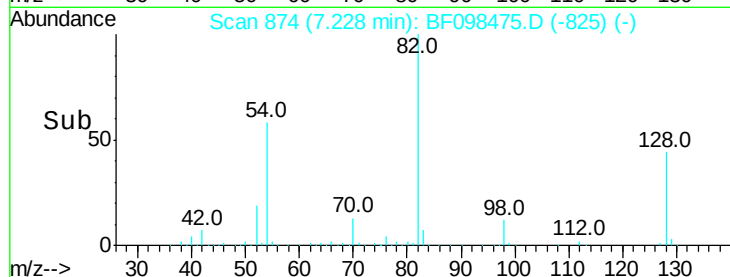
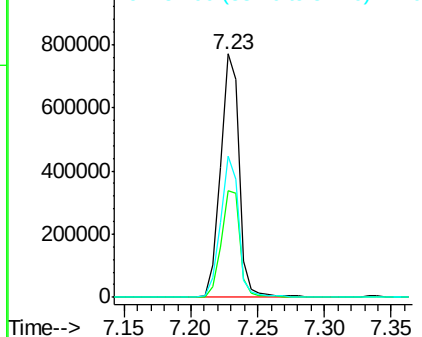
#23
 Nitrobenzene-d5
 Concen: 52.442 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Tot Ion	82	Resp	769639
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.0	51.0
54	57.9	42.2	63.2

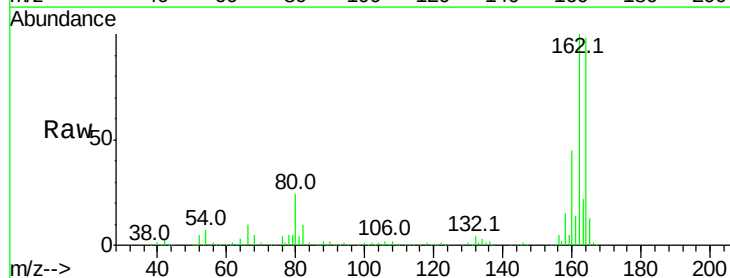


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

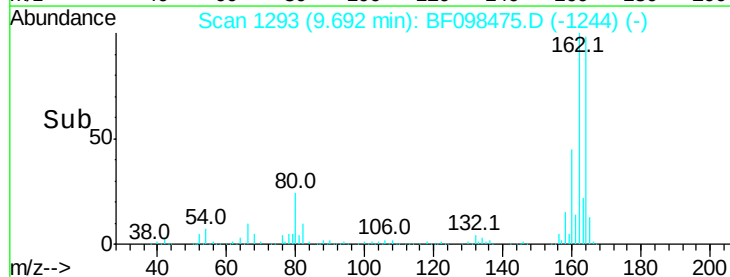
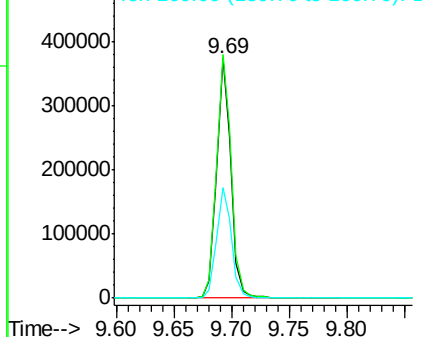


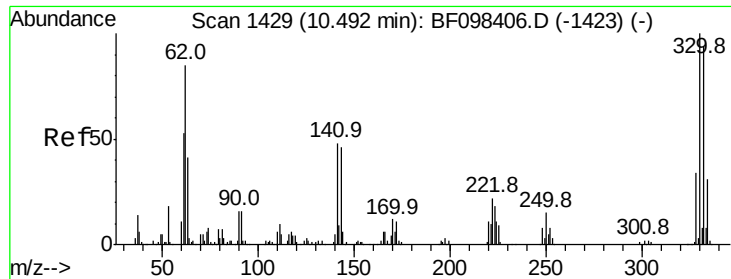
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Tgt Ion	164	Resp	319380
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.6	123.8
160	46.0	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

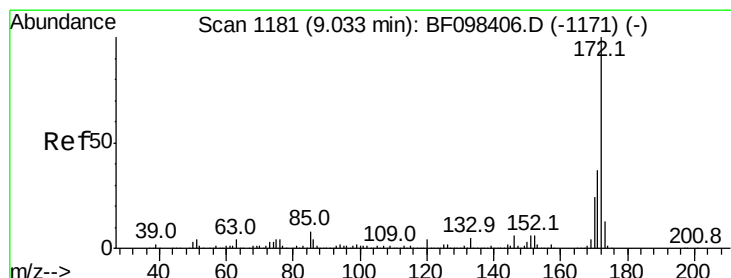
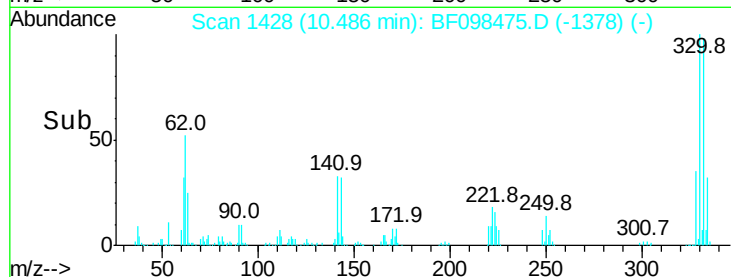
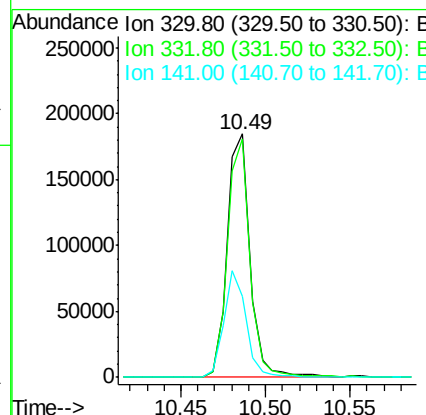
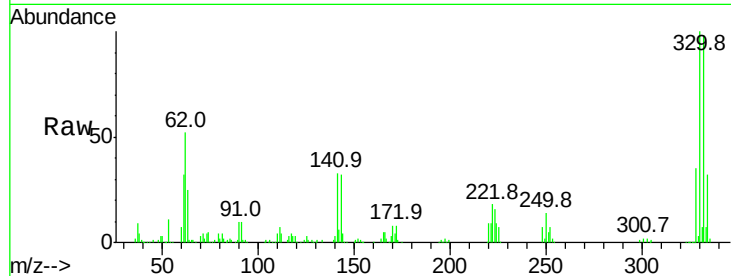




#41
 2,4,6-Tribromophenol
 Concen: 82.063 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

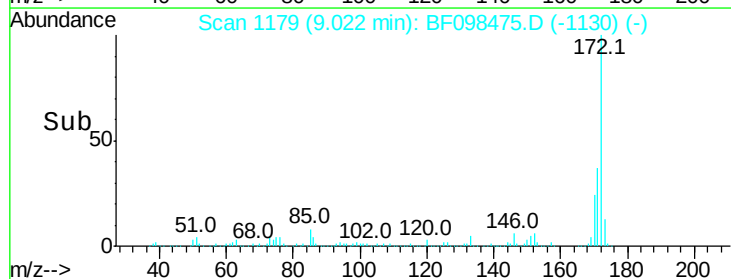
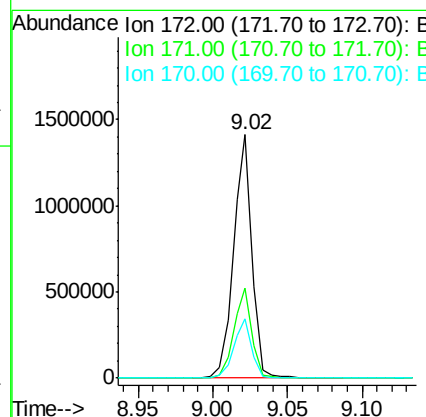
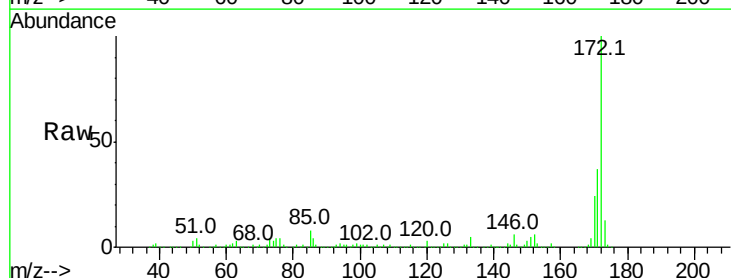
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

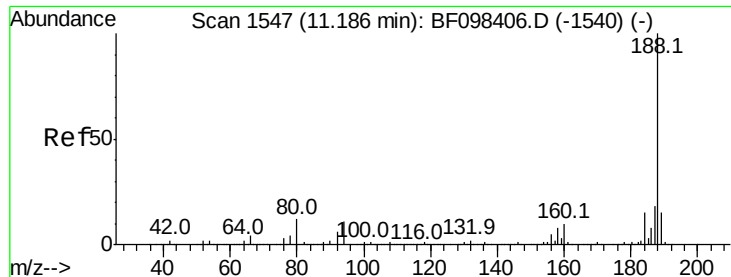
Tot Ion:330 Resp: 174926
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 43.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 65.338 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Tgt Ion:172 Resp: 1231184
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.1 19.8 29.8

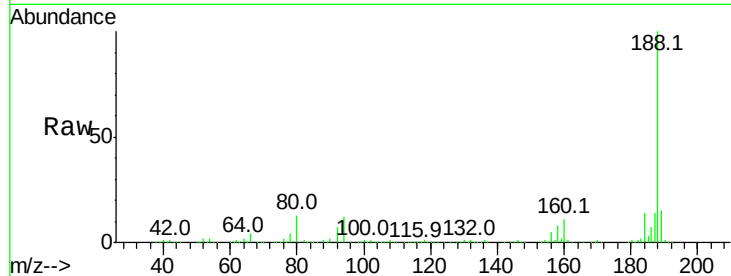




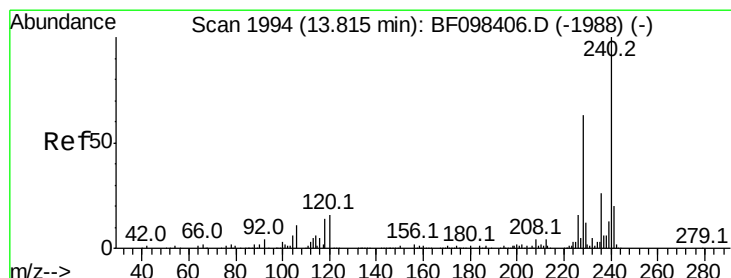
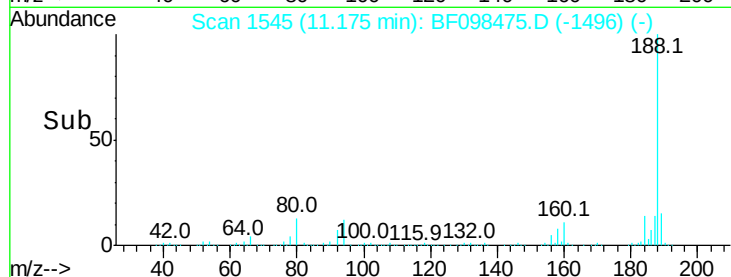
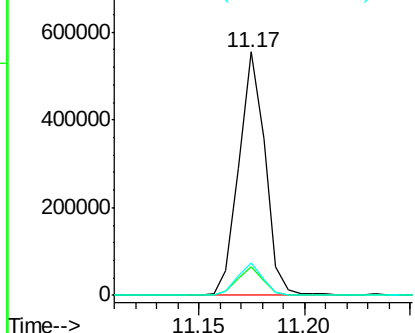
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Tot Ion:188 Resp: 477191
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 13.4 10.2 15.2

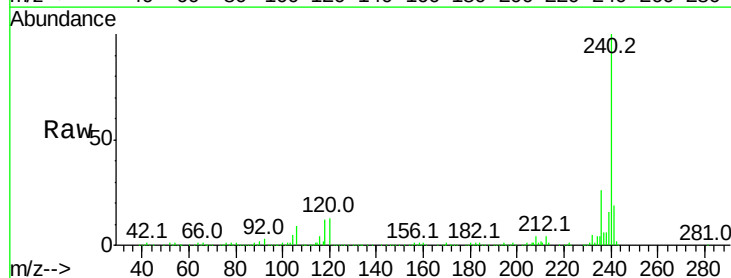


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

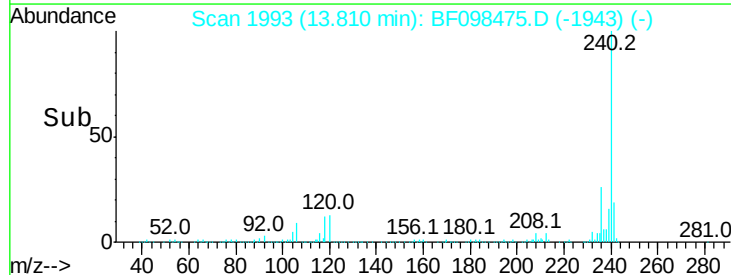
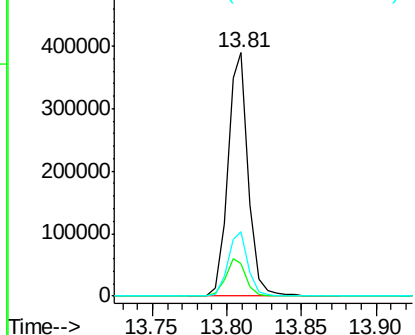


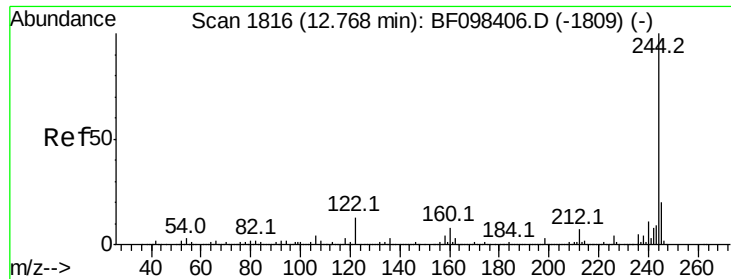
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF098475.D
 Acq: 13 Sep 2017 3:17

Tgt Ion:240 Resp: 374821
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 26.2 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: 51.190 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098475.D

Acq: 13 Sep 2017 3:17

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

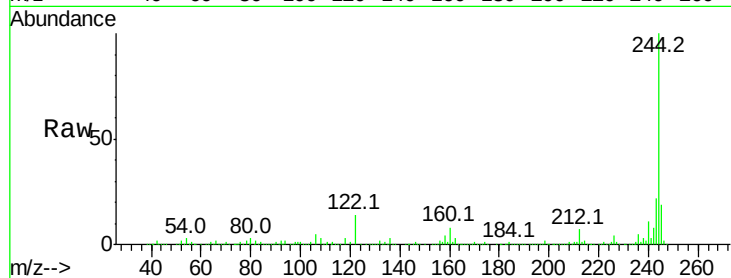
Tot Ion:244 Resp: 888932

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

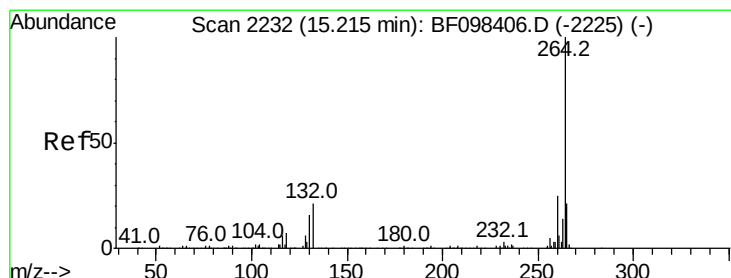
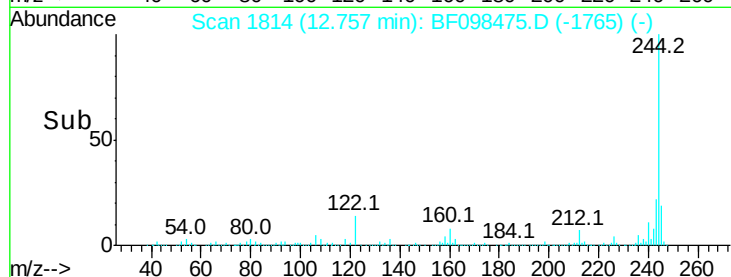
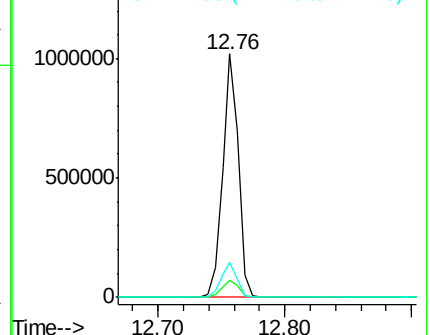
122 14.3 10.3 15.5



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: BF098475.D

Acq: 13 Sep 2017 3:17

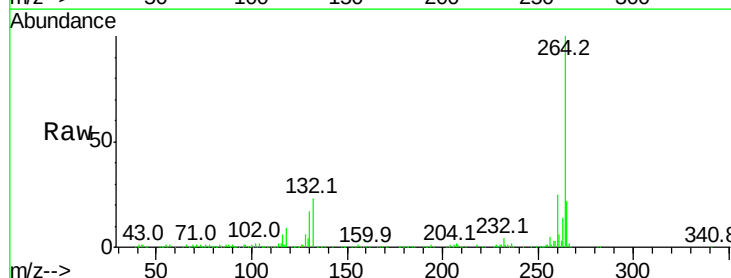
Tgt Ion:264 Resp: 284573

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 22.2 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

