

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097891.D
 Acq On : 19 Aug 2017 21:00
 Operator : SJ/JU
 Sample : I4845-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-81617

Quant Time: Aug 21 05:01:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	150227	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	577563	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	228658	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	355446	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	271454	20.00	ng	-0.04
86) Perylene-d12	15.33	264	210286	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	91806	9.30	ng	-0.03
7) Phenol-d6	6.38	99	123861	9.23	ng	-0.03
23) Nitrobenzene-d5	7.32	82	74651	7.02	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	13555	6.83	ng	-0.04
44) 2-Fluorobiphenyl	9.12	172	125091	8.04	ng	-0.03
78) Terphenyl-d14	12.86	244	75015	5.76	ng	-0.04

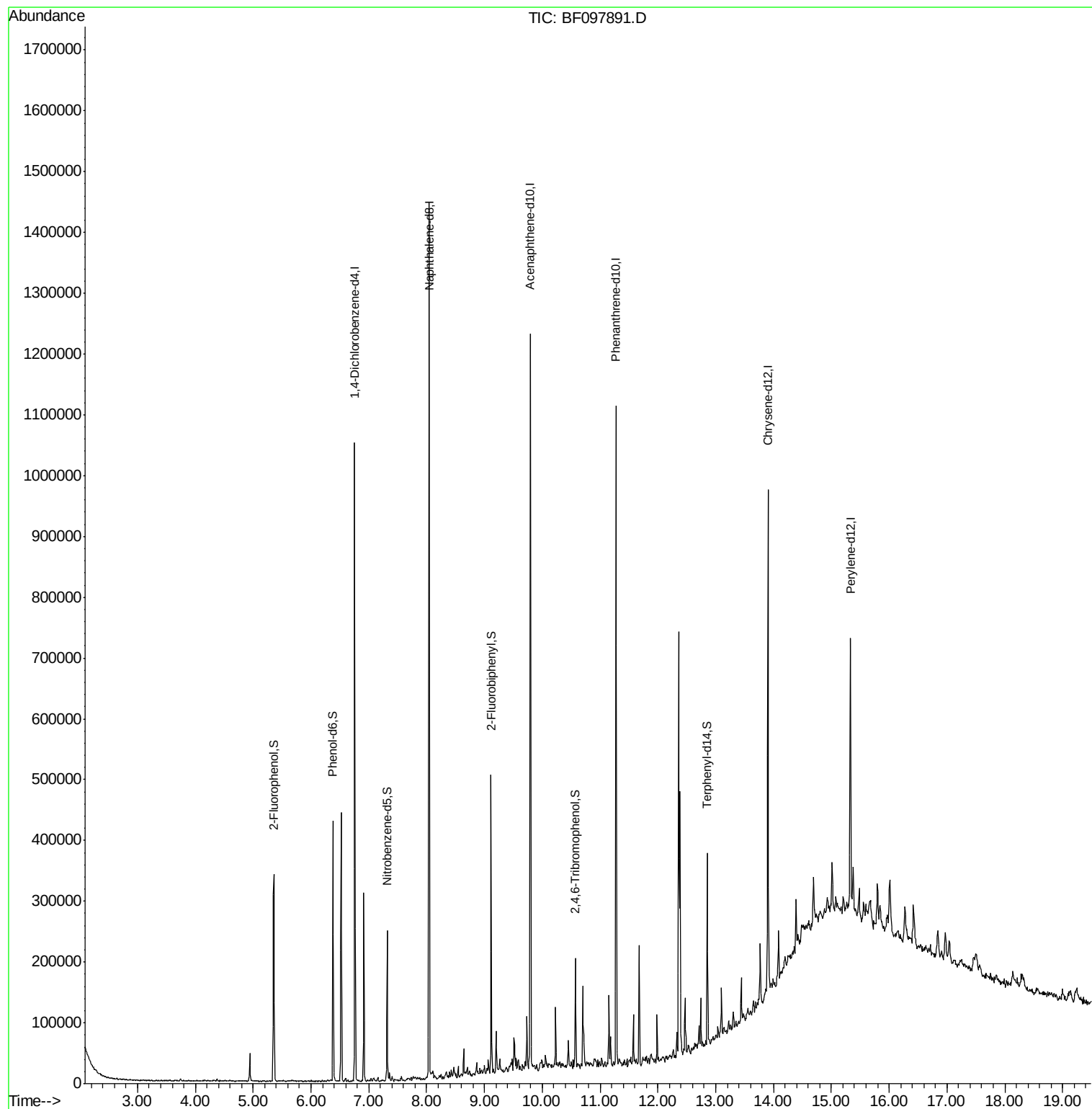
Target Compounds Qvalue

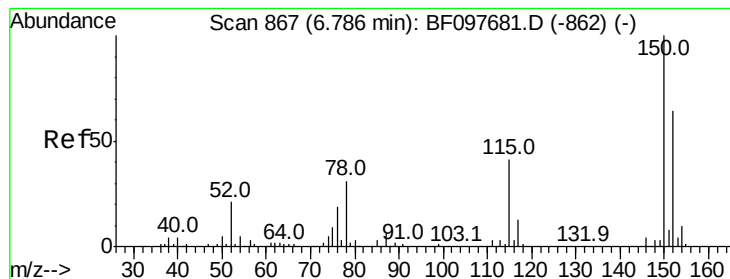
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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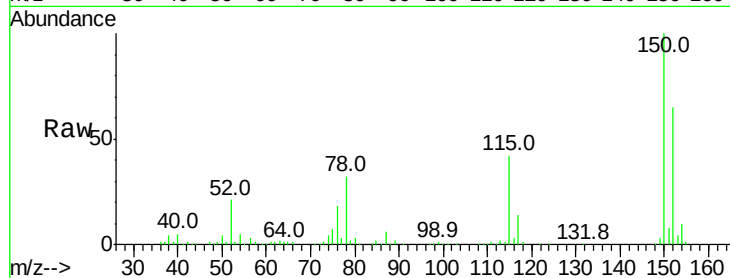


#1

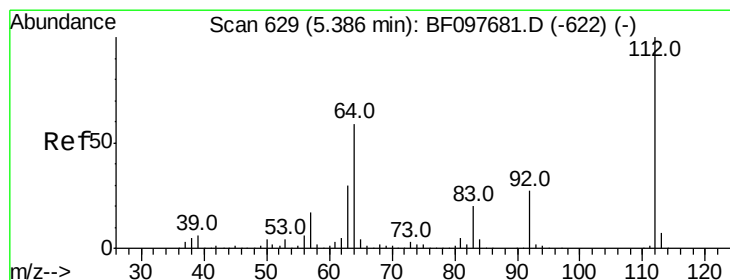
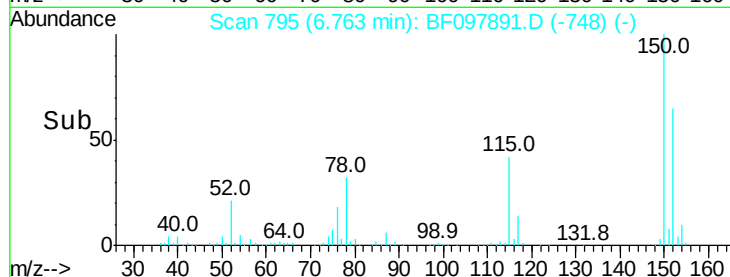
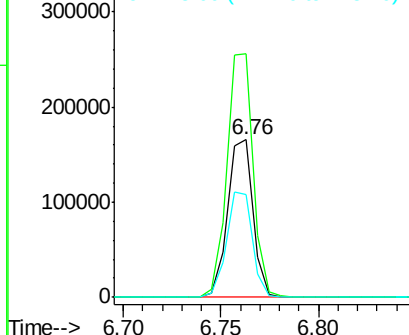
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097891.D
 Acq: 19 Aug 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-81617

Tot Ion:152 Resp: 150227
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.2 189.2
 115 64.9 52.2 78.2



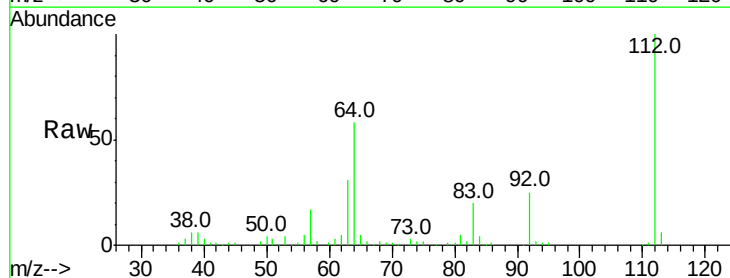
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



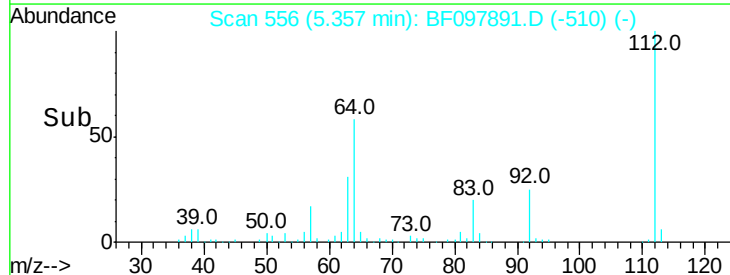
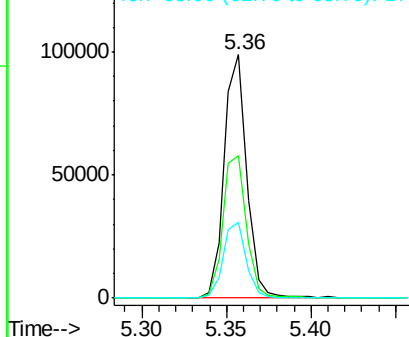
#5

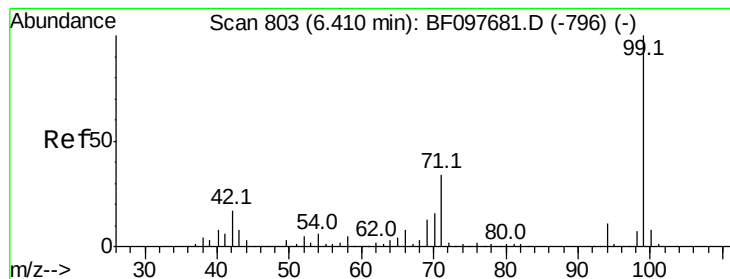
2-Fluorophenol
 Concen: 9.296 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: BF097891.D
 Acq: 19 Aug 2017 21:00

Tgt Ion:112 Resp: 91806
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.0 69.0
 63 31.0 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: 9.230 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF097891.D

Acq: 19 Aug 2017 21:00

Instrument :

BNA_F

ClientSampleId :

OK-03-81617

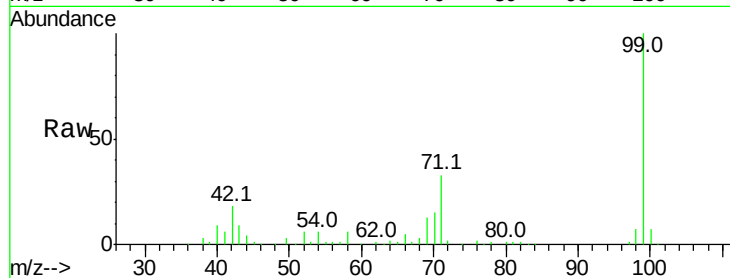
Tot Ion: 99 Resp: 123861

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

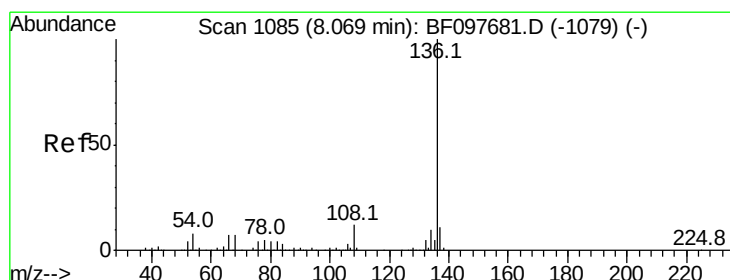
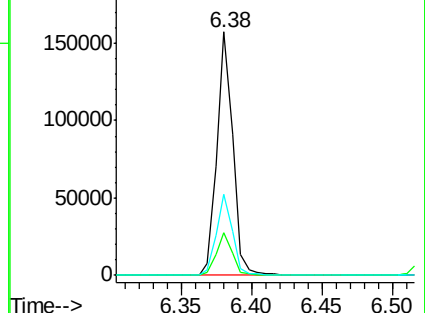
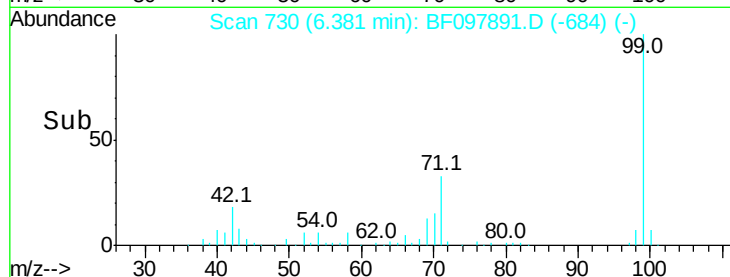
71 33.4 24.5 36.7



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: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF097891.D

Acq: 19 Aug 2017 21:00

Tgt Ion: 136 Resp: 577563

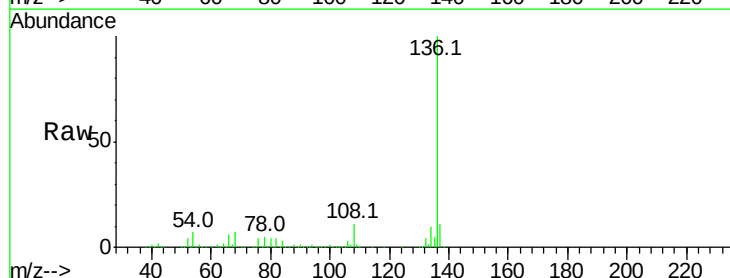
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.4 4.9 7.3#

68 6.8 4.1 6.1#

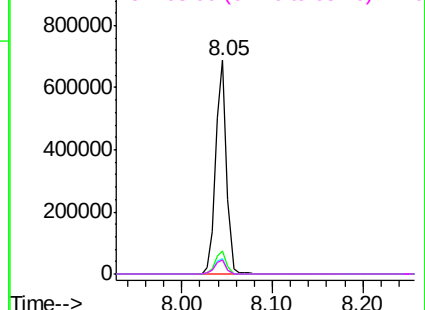
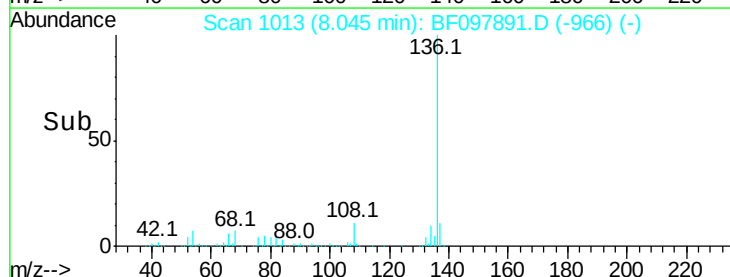


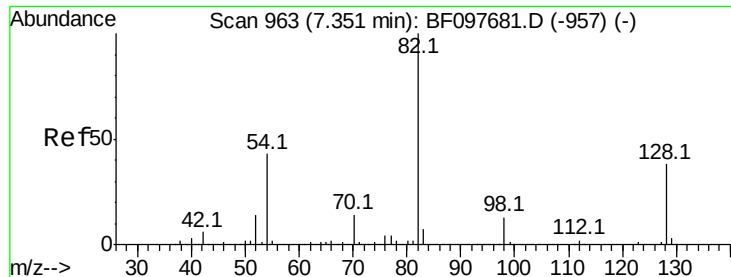
Abundance Ion 136.00 (135.70 to 136.70): E

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



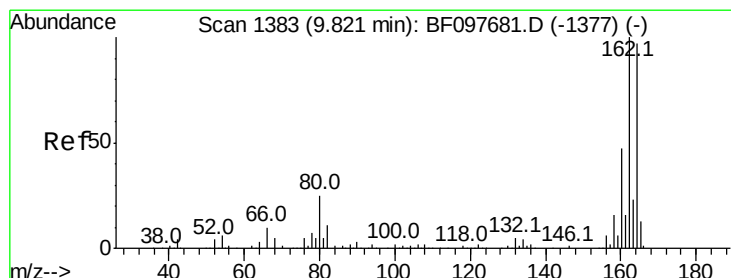
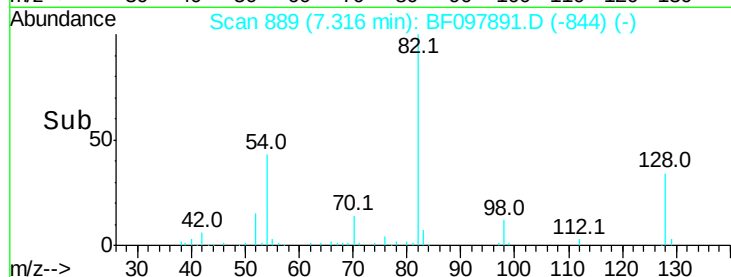
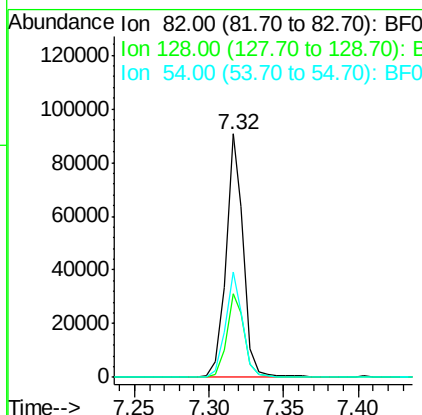
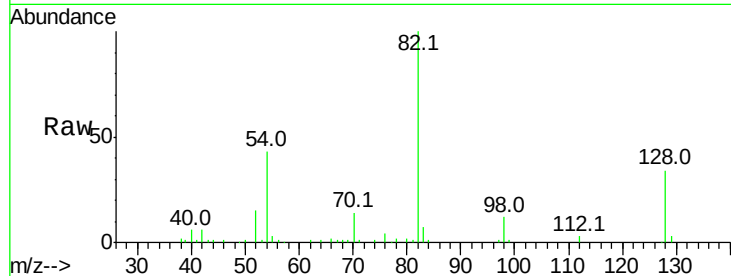


#23
 Nitrobenzene-d5
 Concen: 7.022 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: BF097891.D
 Acq: 19 Aug 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-81617

Tot Ion: 82 Resp: 74651

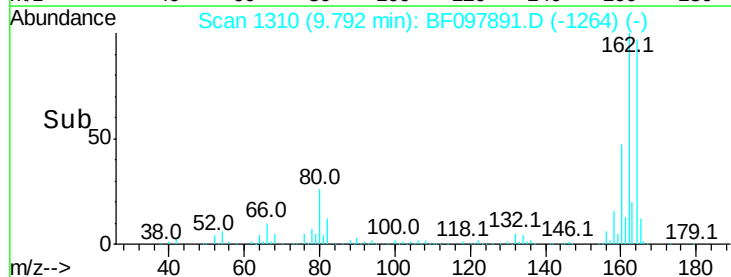
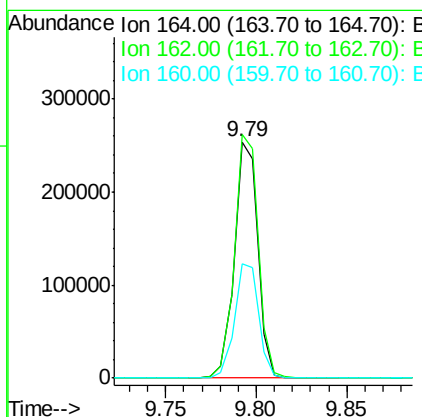
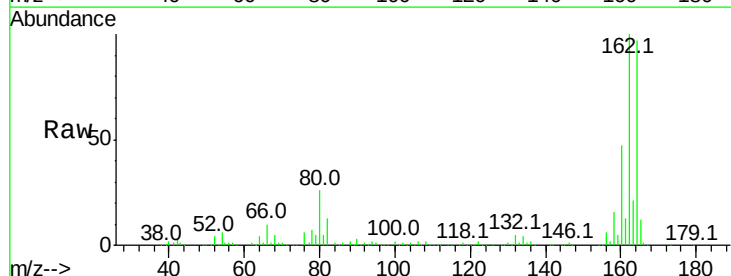
Ion	Ratio	Lower	Upper
82	100		
128	34.3	34.0	51.0
54	43.2	42.2	63.2

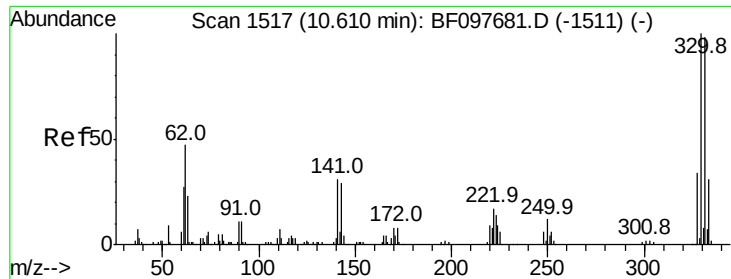


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BF097891.D
 Acq: 19 Aug 2017 21:00

Tgt Ion: 164 Resp: 228658

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	48.2	36.2	54.2

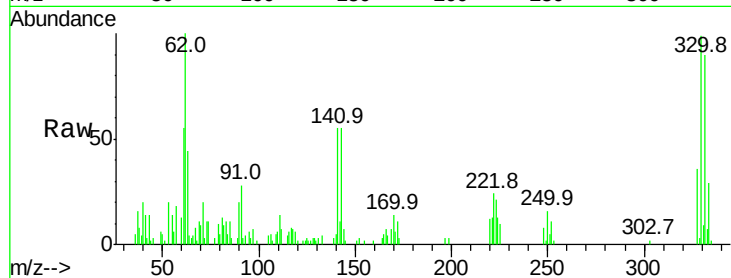




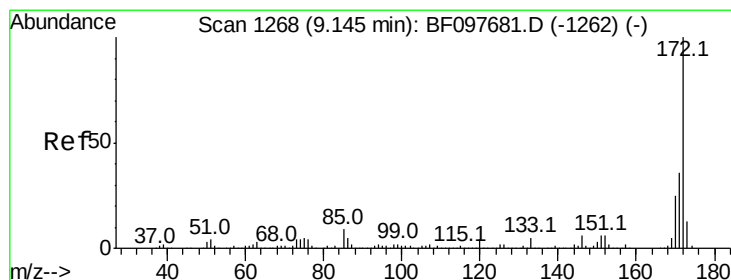
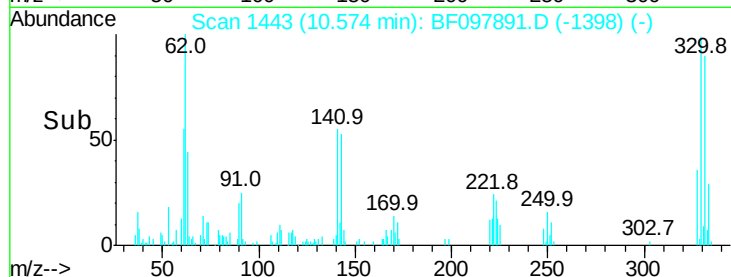
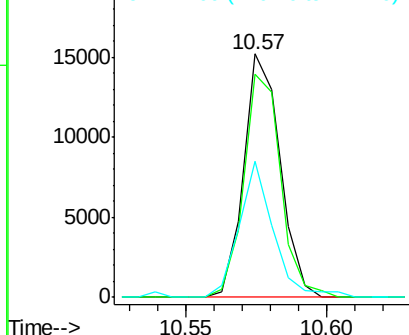
#41
 2,4,6-Tribromophenol
 Concen: 6.832 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.04 min
 Lab File: BF097891.D
 Acq: 19 Aug 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-81617

Tot Ion:330 Resp: 13555
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 115.0
 141 53.0 31.4 47.2#

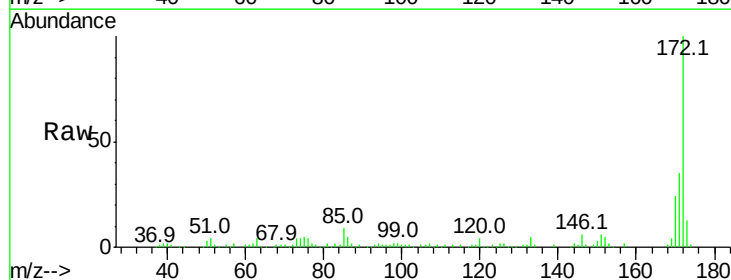


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

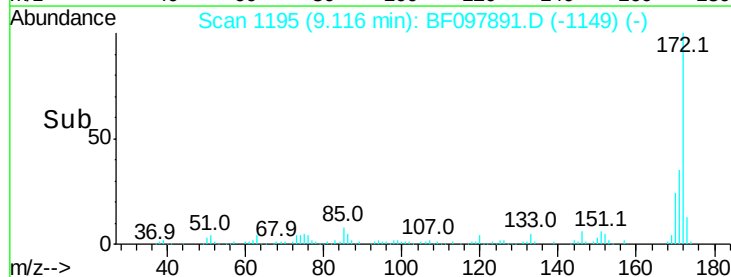
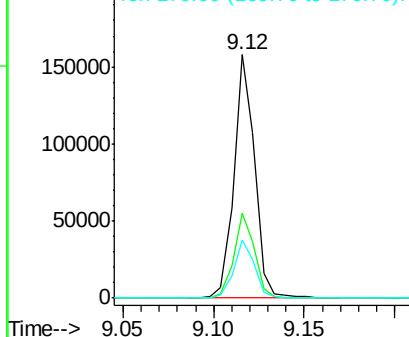


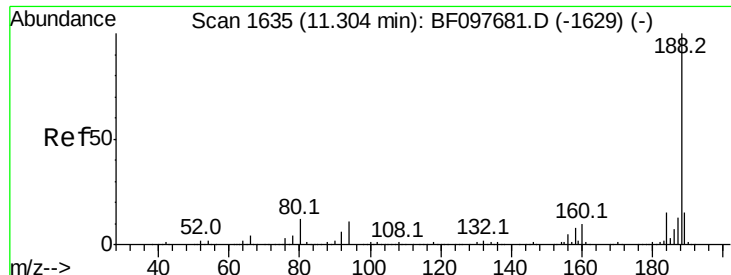
#44
 2-Fluorobiphenyl
 Concen: 8.038 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF097891.D
 Acq: 19 Aug 2017 21:00

Tgt Ion:172 Resp: 125091
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 23.9 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

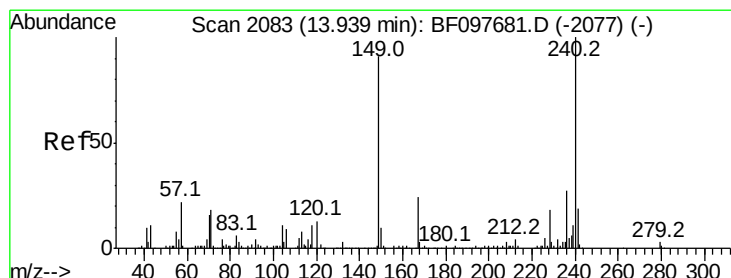
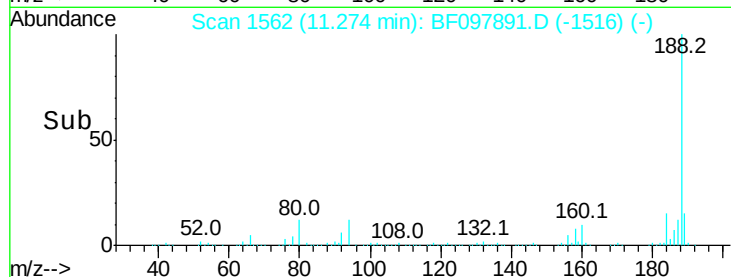
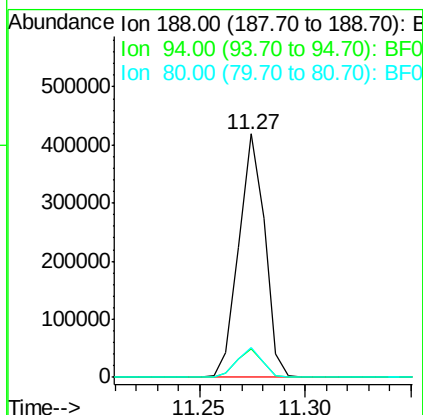
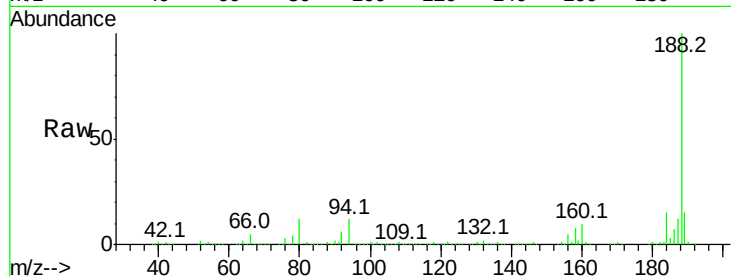




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

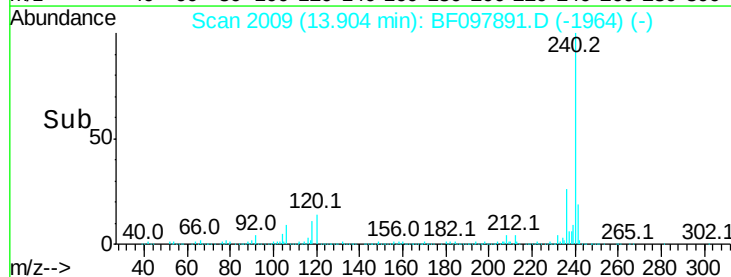
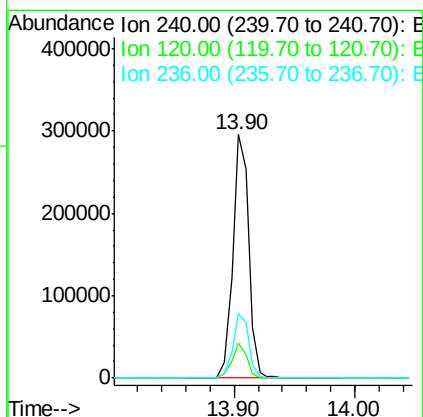
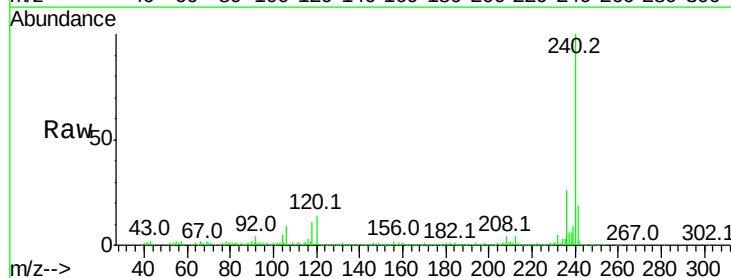
Instrument :
BNA_F
ClientSampleId :
OK-03-81617

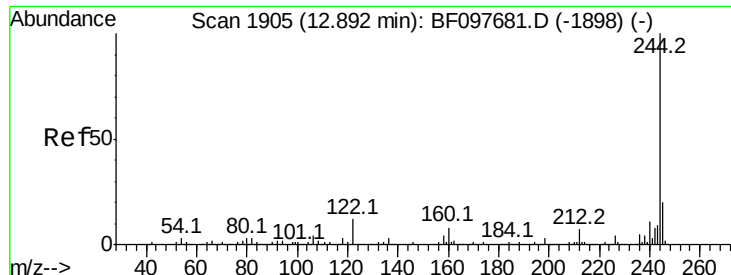
Tot Ion:188 Resp: 355446
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF097891.D
Acq: 19 Aug 2017 21:00

Tgt Ion:240 Resp: 271454
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 26.4 20.5 30.7





#78

Terphenyl-d14

Concen: 5.763 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BF097891.D

Acq: 19 Aug 2017 21:00

Instrument :

BNA_F

ClientSampleId :

OK-03-81617

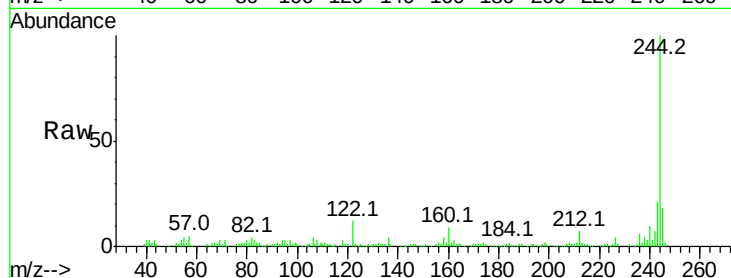
Tot Ion:244 Resp: 75015

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

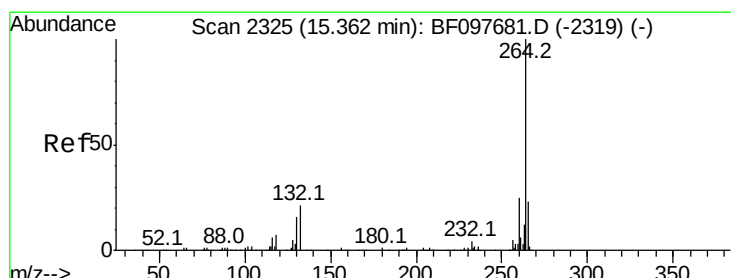
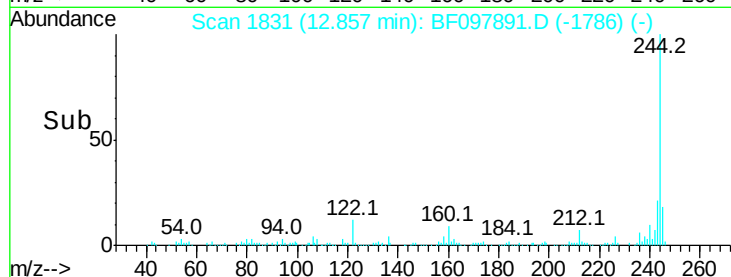
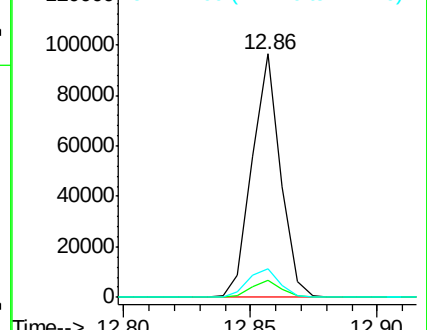
122 11.8 10.3 15.5



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: 15.33 min Scan# 2252

Delta R.T. -0.03 min

Lab File: BF097891.D

Acq: 19 Aug 2017 21:00

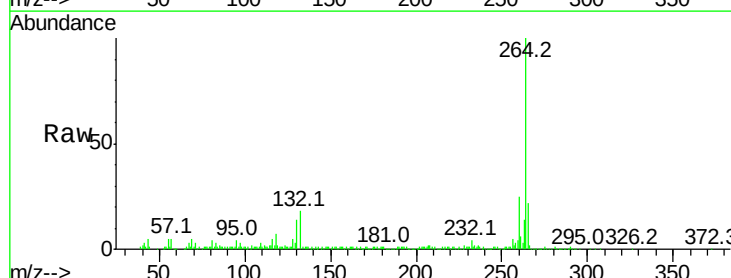
Tgt Ion:264 Resp: 210286

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.8 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

