

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096704.D
 Acq On : 12 Jul 2017 21:03
 Operator : SJ/JU
 Sample : I4140-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

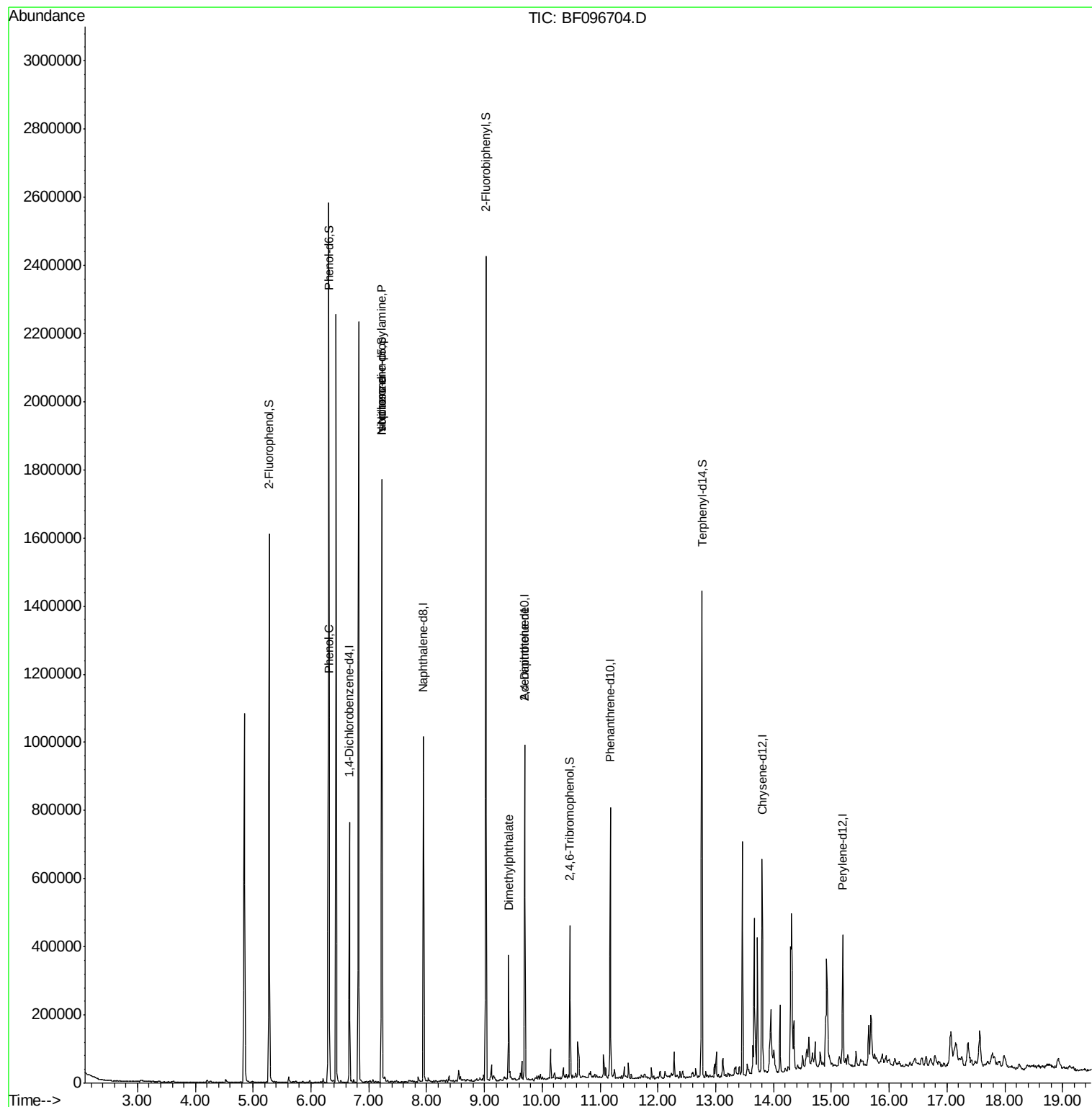
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	116860	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	462229	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	179204	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	271705	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	190797	20.00	ng	-0.04
86) Perylene-d12	15.20	264	162146	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	463798	58.58	ng	-0.04
7) Phenol-d6	6.31	99	896821	92.14	ng	-0.04
23) Nitrobenzene-d5	7.23	82	574810	74.73	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	41473	29.63	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	762392	72.74	ng	-0.04
78) Terphenyl-d14	12.76	244	451140	50.53	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	25649	2.31	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.23	70	76587	13.21	ng	# 85
25) Isophorone	7.23	82	569477	38.18	ng	# 67
49) Dimethylphthalate	9.42	163	149320	11.16	ng	98
56) 2,4-Dinitrotoluene	9.70	165	22831	6.09	ng	# 32

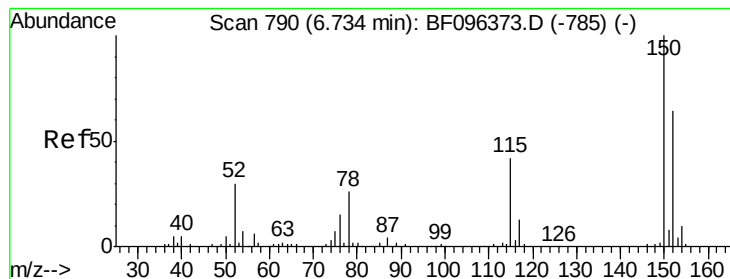
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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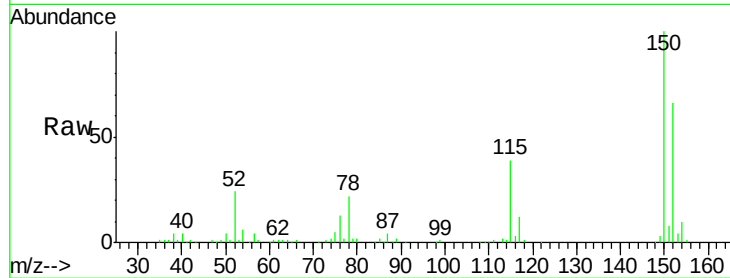


#1

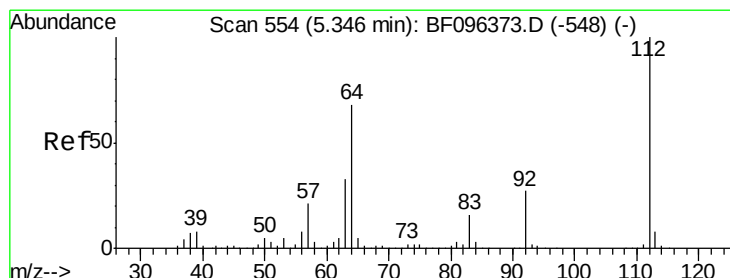
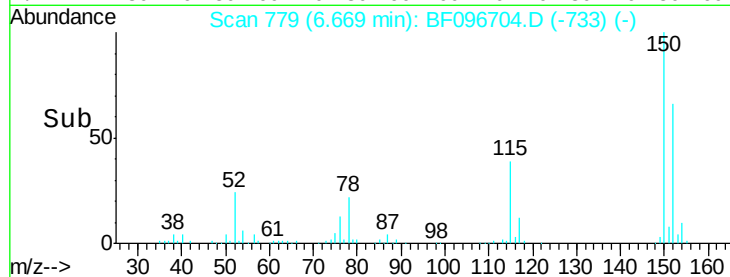
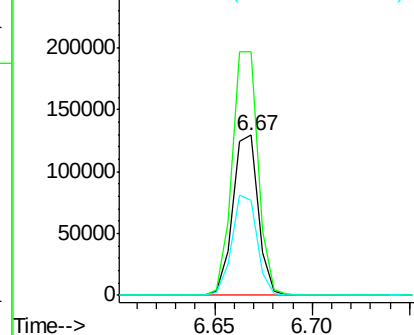
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116860
Ion Ratio Lower Upper
152 100
150 152.3 126.2 189.2
115 59.6 52.2 78.2



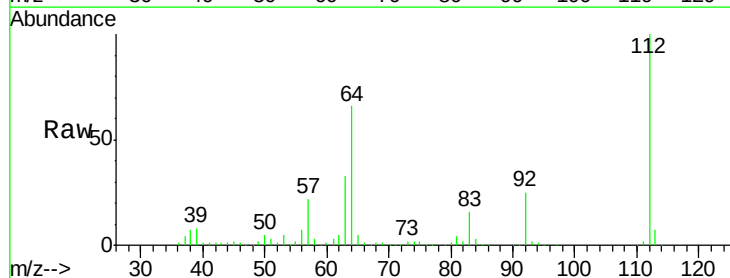
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



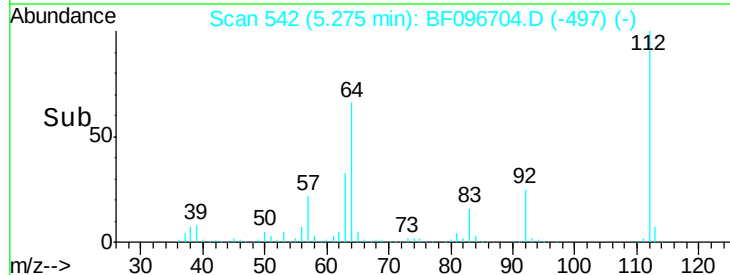
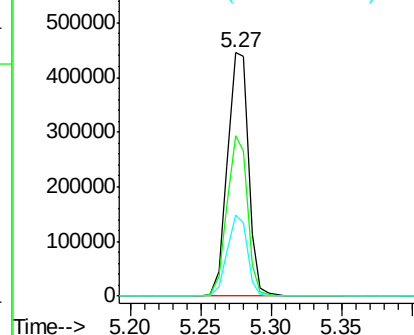
#5

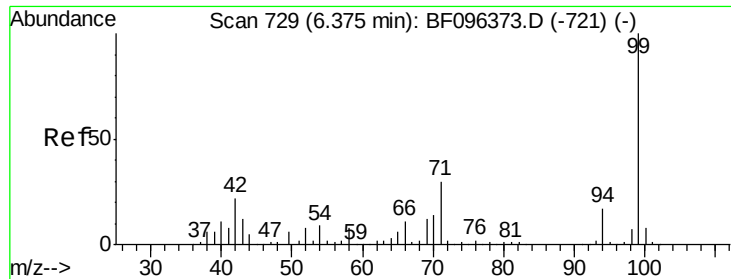
2-Fluorophenol
Concen: 58.58 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.04 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Tgt Ion:112 Resp: 463798
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 33.1 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: 92.14 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

Instrument :

BNA_F

ClientSampled :

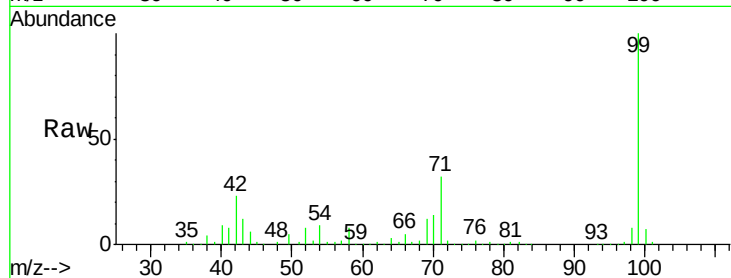
Tot Ion: 99 Resp: 896821

Ion Ratio Lower Upper

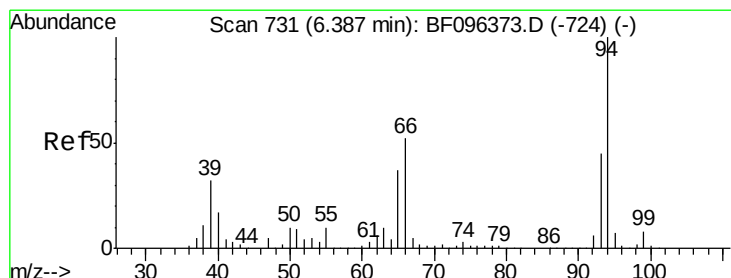
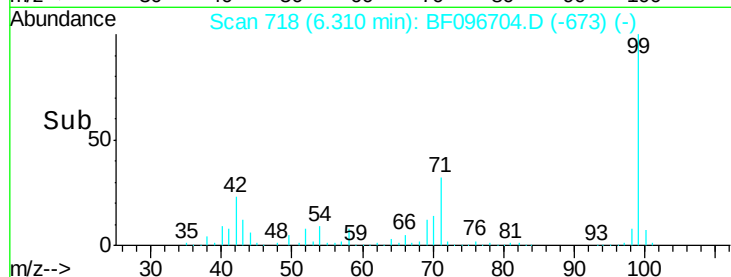
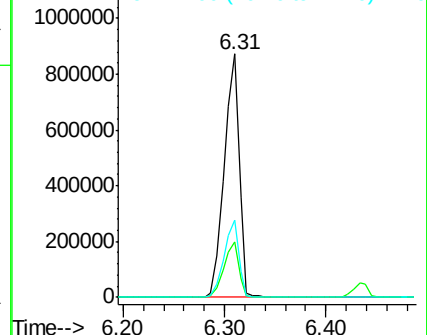
99 100

42 22.6 13.5 20.3#

71 31.8 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



#10

Phenol

Concen: 2.31 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

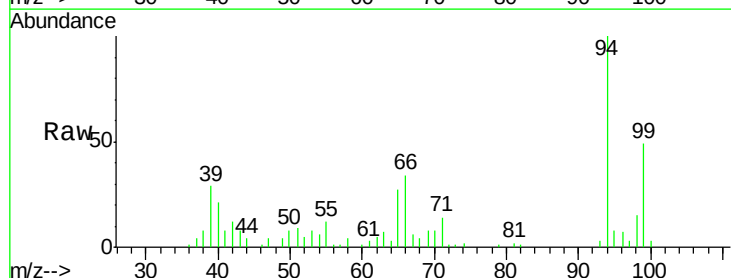
Tgt Ion: 94 Resp: 25649

Ion Ratio Lower Upper

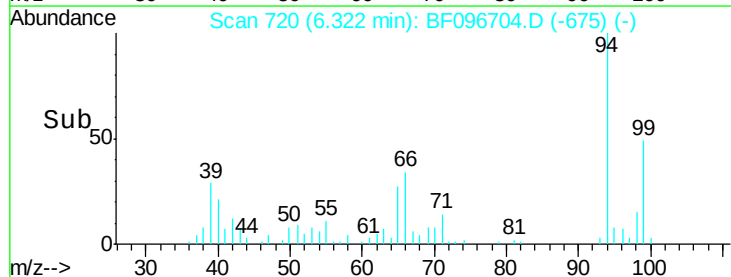
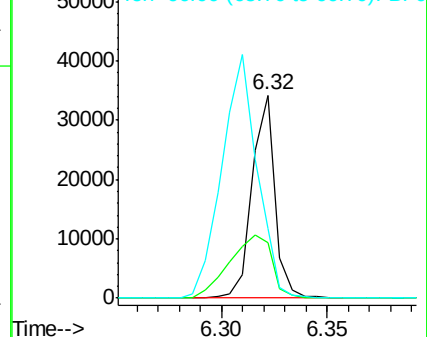
94 100

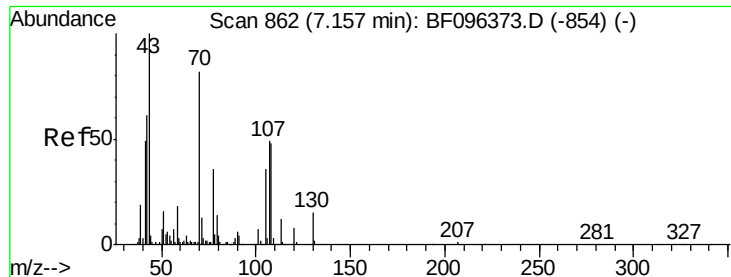
65 27.4 9.9 49.9

66 34.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

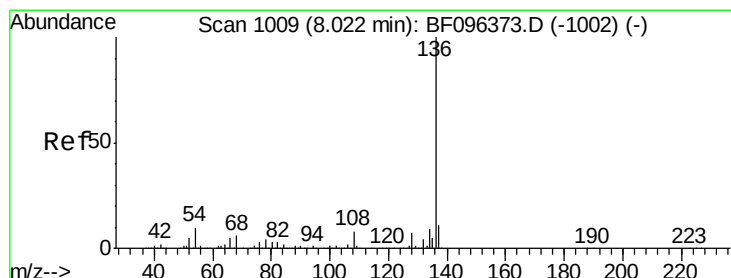
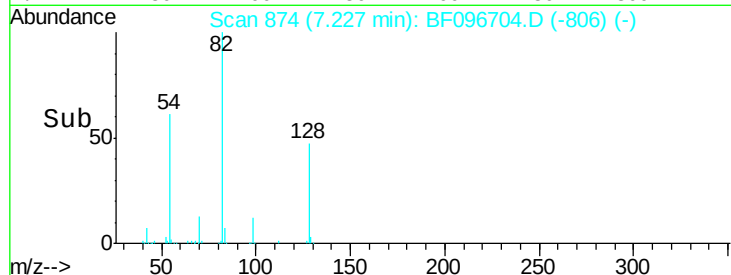
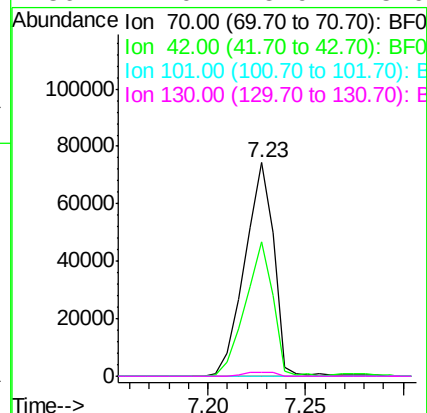
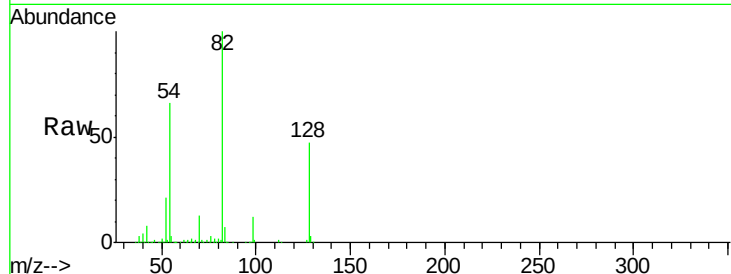




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.21 ng
 RT: 7.23 min Scan# 874
 Delta R.T. 0.10 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

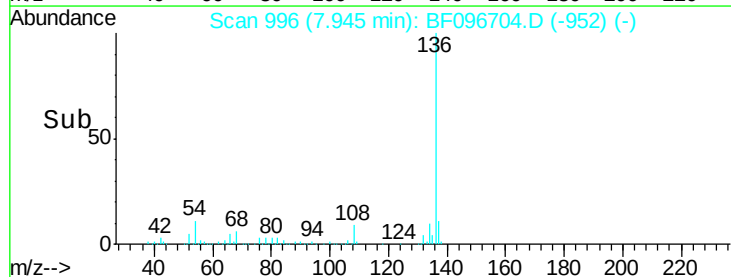
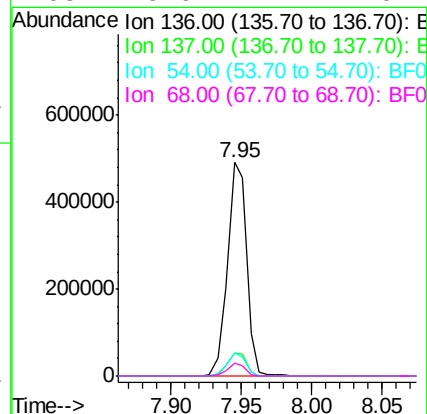
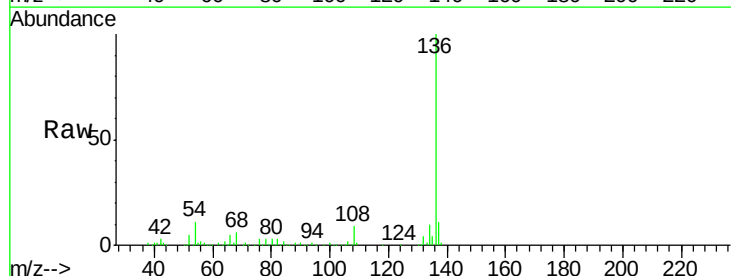
Instrument :
 BNA_F
 ClientSampleId :

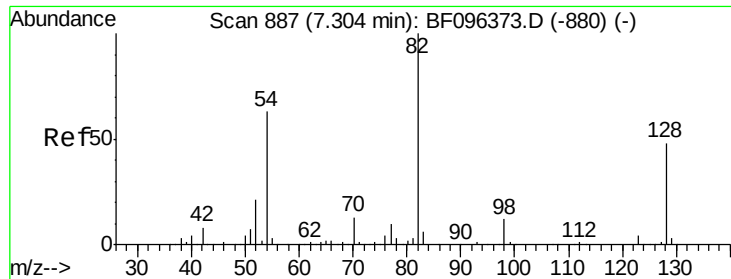
Tot Ion: 70 Resp: 76587
 Ion Ratio Lower Upper
 70 100
 42 62.8 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.0 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.04 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

Tgt Ion: 136 Resp: 462229
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.5 12.7
 54 10.9 4.9 7.3#
 68 5.9 4.1 6.1

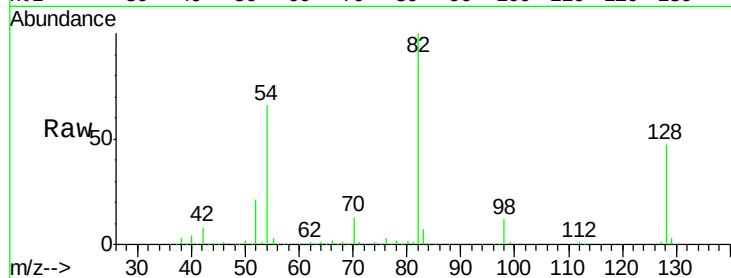




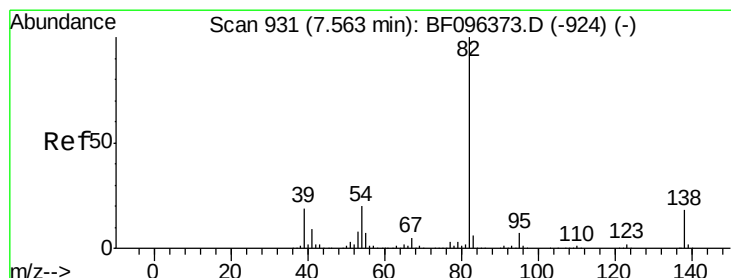
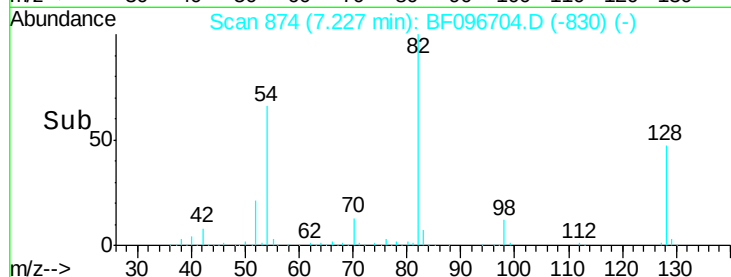
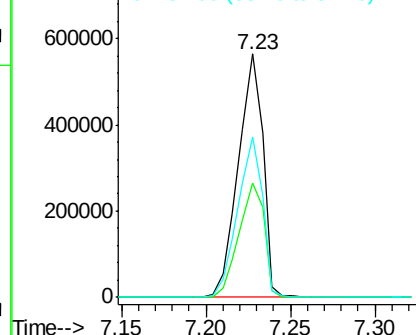
#23
 Nitrobenzene-d5
 Concen: 74.73 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 574810
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 66.0 42.2 63.2#

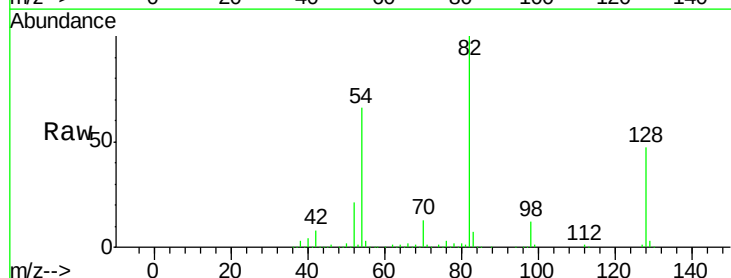


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

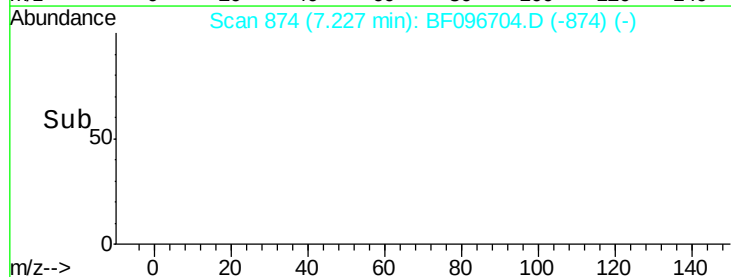
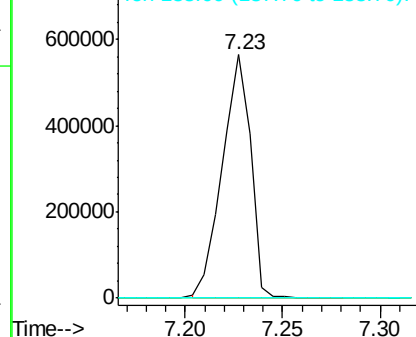


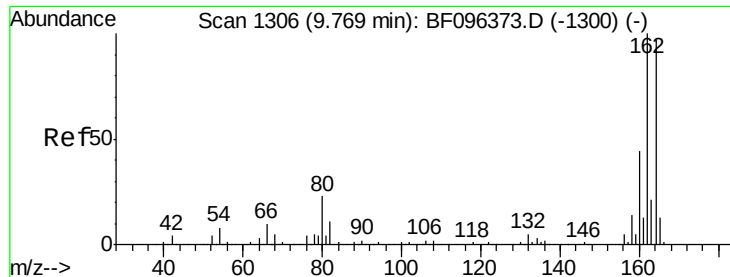
#25
 Isophorone
 Concen: 38.18 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.30 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

Tgt Ion: 82 Resp: 569477
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

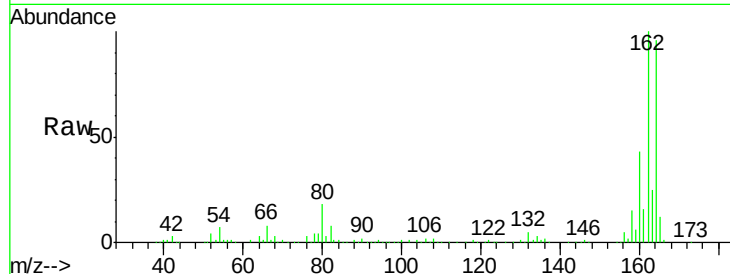




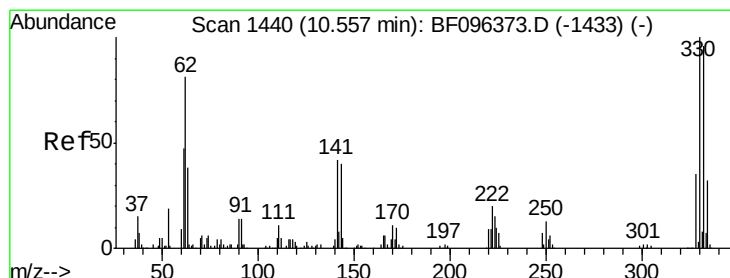
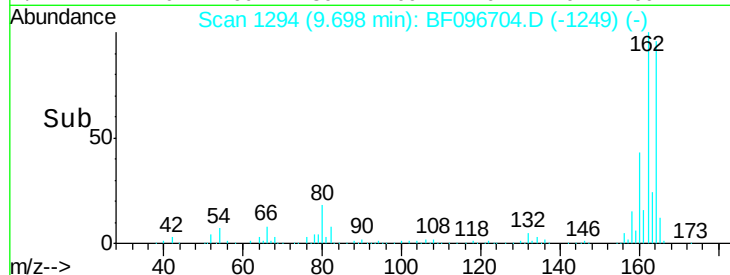
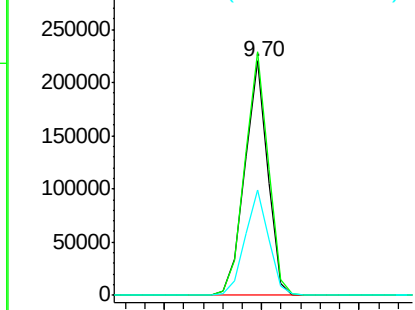
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	45.2	36.2	54.2

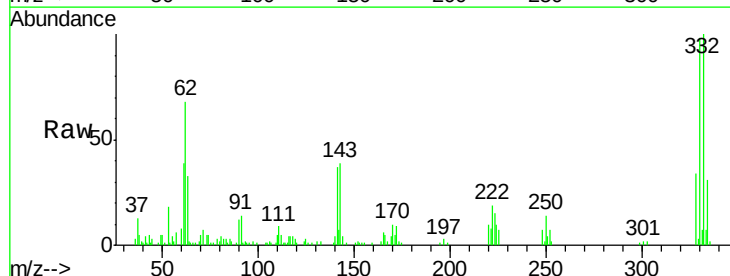


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

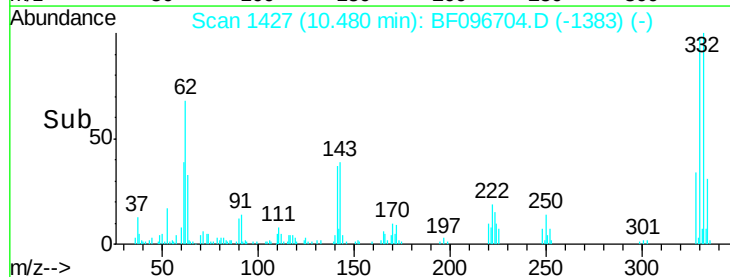
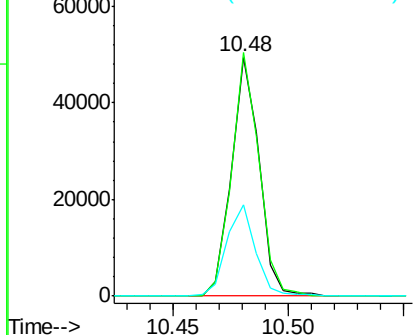


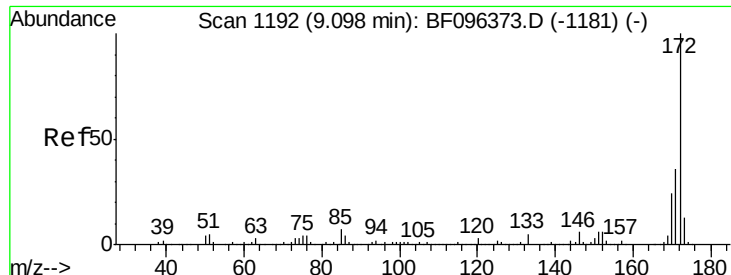
#41
 2,4,6-Tribromophenol
 Concen: 29.63 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.6	115.0
141	40.1	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

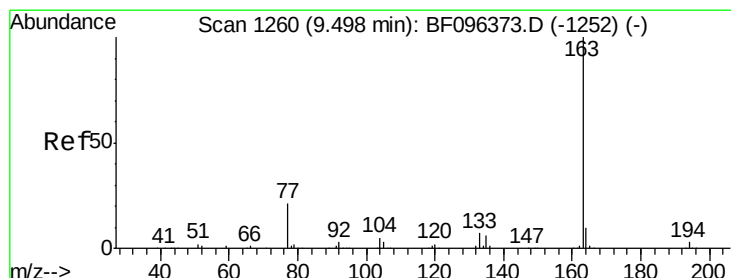
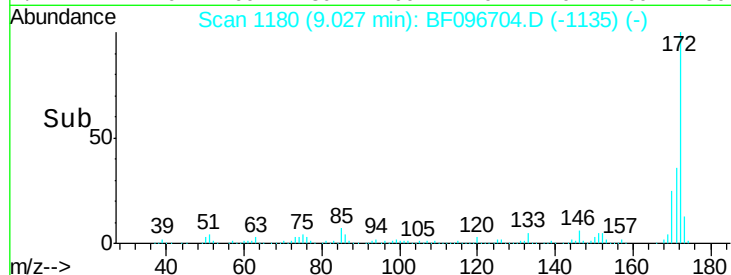
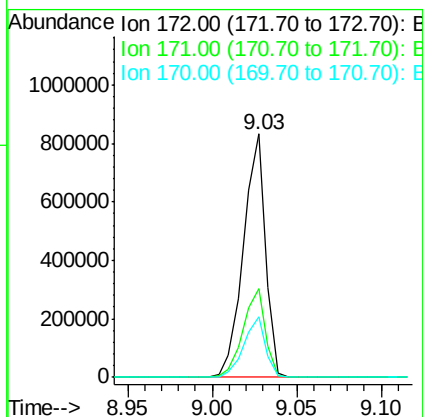
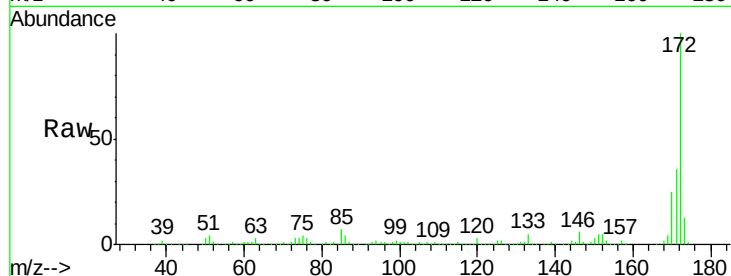




#44
 2-Fluorobiphenyl
 Concen: 72.74 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

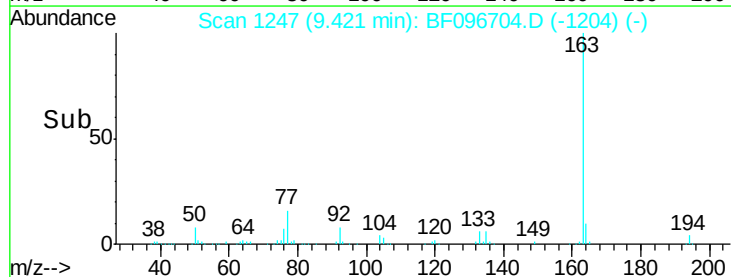
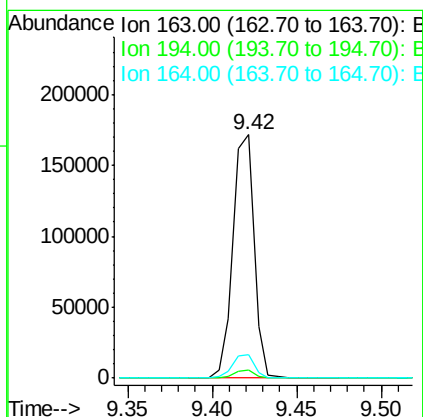
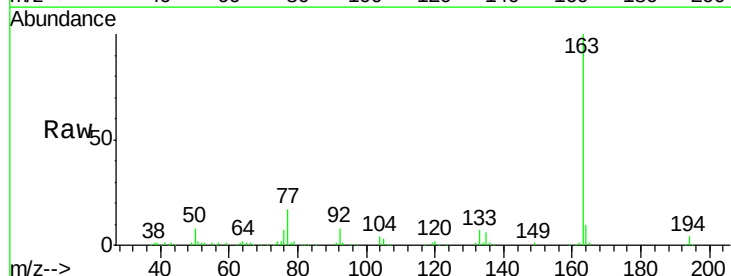
Instrument :
 BNA_F
 ClientSampleId :

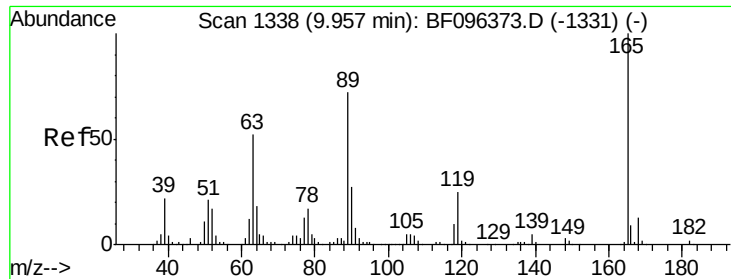
Tot Ion:172 Resp: 762392
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.9 19.8 29.8



#49
 Dimethylphthalate
 Concen: 11.16 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

Tgt Ion:163 Resp: 149320
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.7 8.4 12.6

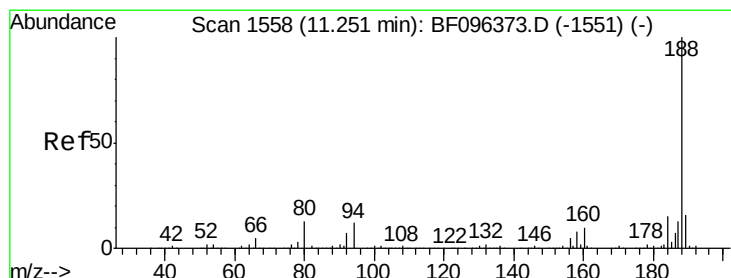
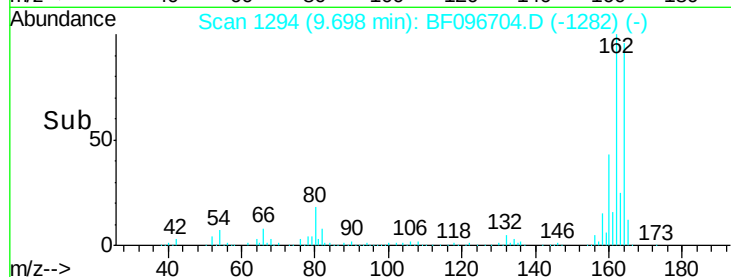
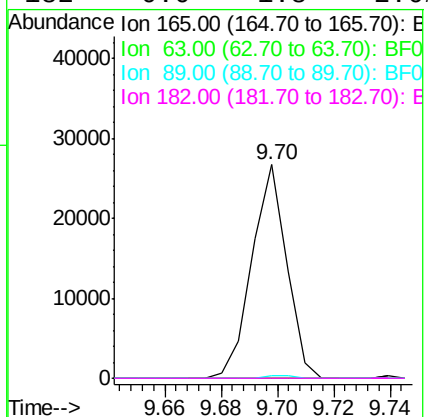
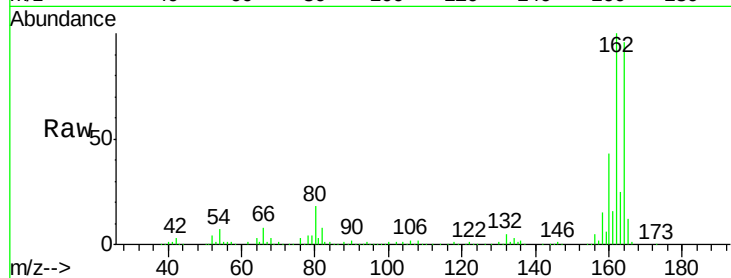




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

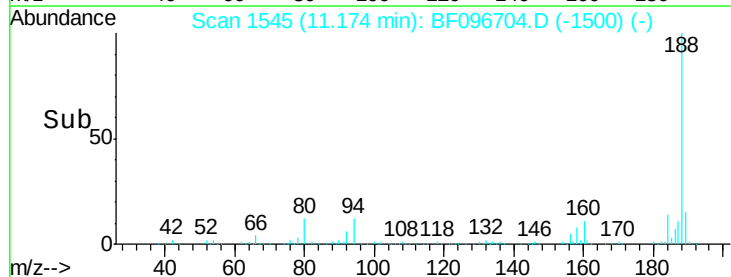
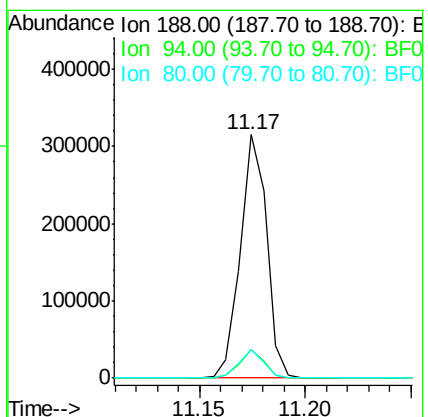
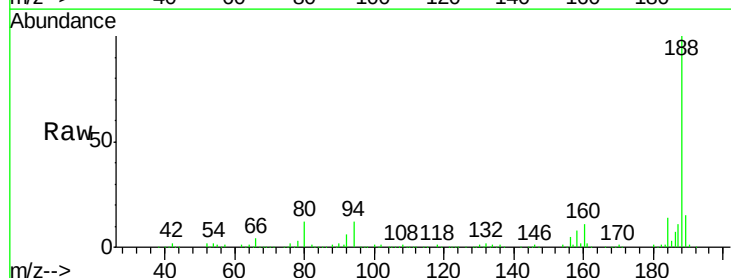
Instrument :
 BNA_F
 ClientSampleId :

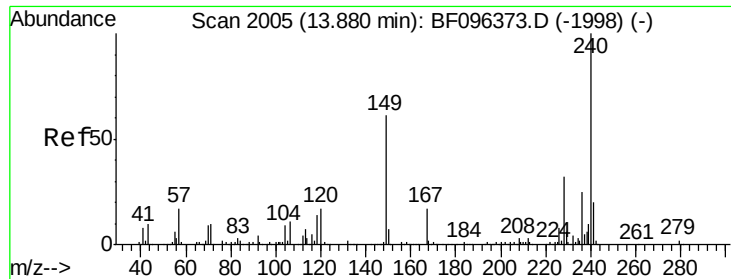
Tot Ion:165	Resp:	22831
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	1.4	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.04 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

Tgt Ion:188	Resp:	271705
Ion Ratio	Lower	Upper
188	100	
94	11.6	9.4 14.2
80	11.8	10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

Instrument :

BNA_F

ClientSampleId :

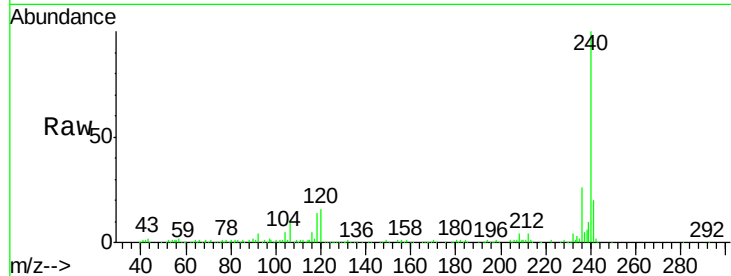
Tot Ion:240 Resp: 190797

Ion Ratio Lower Upper

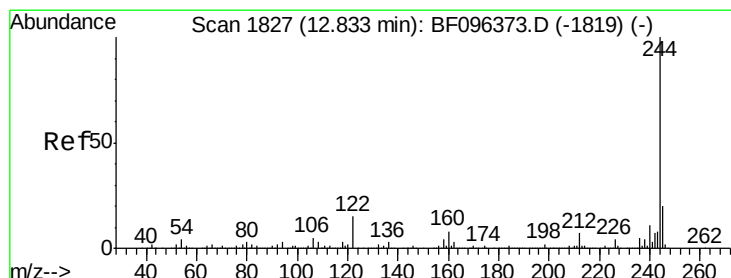
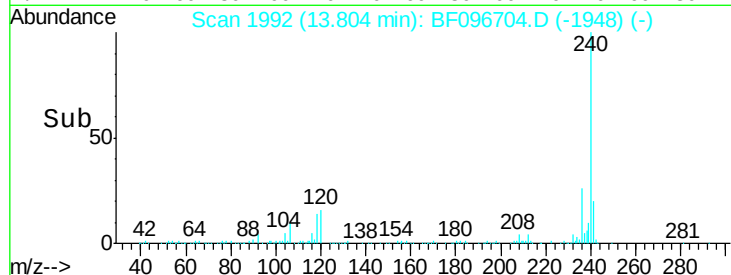
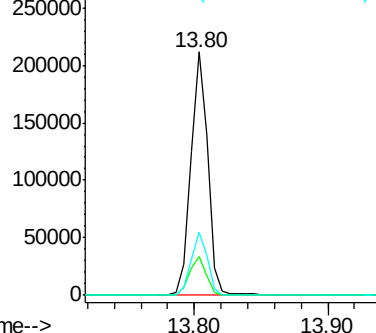
240 100

120 15.8 5.8 8.8#

236 25.9 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: 50.53 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

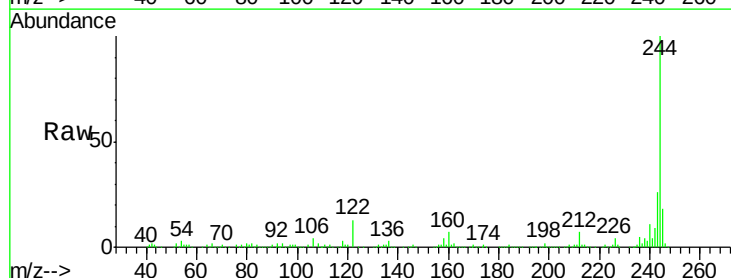
Tgt Ion:244 Resp: 451140

Ion Ratio Lower Upper

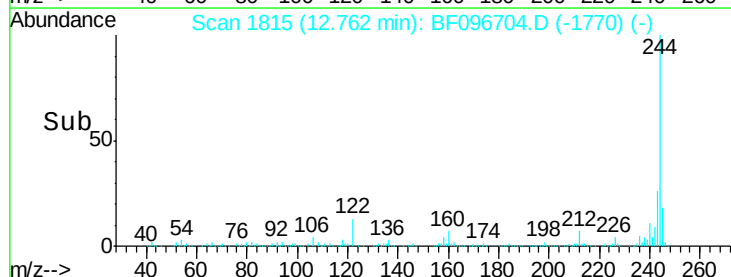
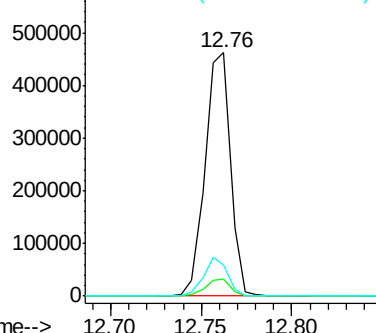
244 100

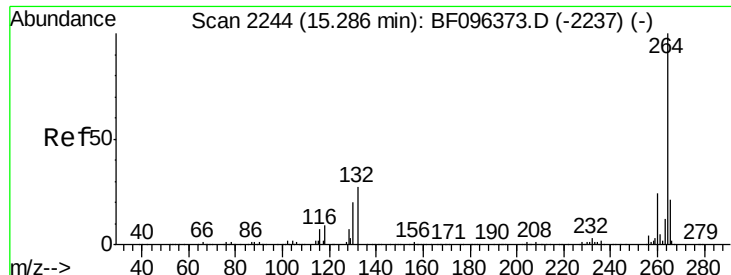
212 6.8 6.0 9.0

122 13.0 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

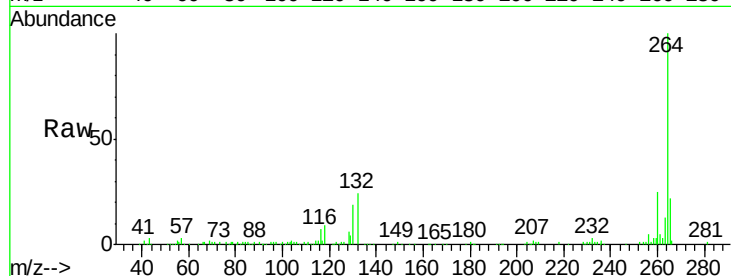




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.7	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

