

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096235.D
 Acq On : 28 Jun 2017 00:02
 Operator : SJ/MA
 Sample : I3851-12RE 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 04:10:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

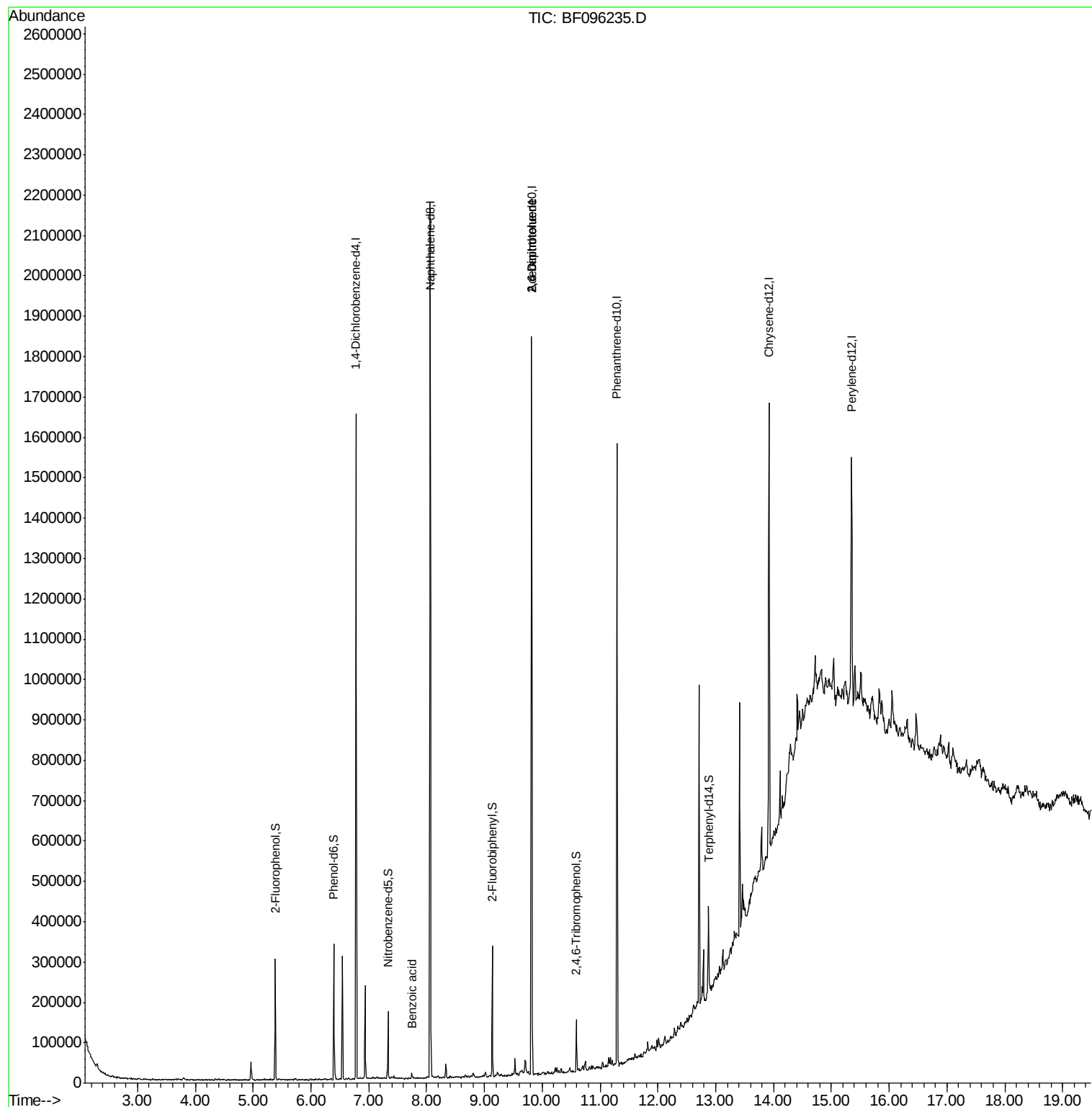
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	215799	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	848547	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	319240	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	493363	20.00	ng	0.00
75) Chrysene-d12	13.92	240	372030	20.00	ng	0.00
86) Perylene-d12	15.35	264	267444	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	73806	4.93	ng	0.00
7) Phenol-d6	6.40	99	91969	5.07	ng	0.00
23) Nitrobenzene-d5	7.33	82	41703	3.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	10368	4.13	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	86516	4.96	ng	-0.02
78) Terphenyl-d14	12.87	244	56847	3.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	218	Below Cal	#	1
32) Benzoic acid	7.74	122	2817	9.04	ng	99
50) 2,6-Dinitrotoluene	9.82	165	41905	8.82	ng	# 34
56) 2,4-Dinitrotoluene	9.82	165	41905	7.00	ng	# 33
70) Phenanthrene	11.32	178	1881	Below Cal	#	75

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

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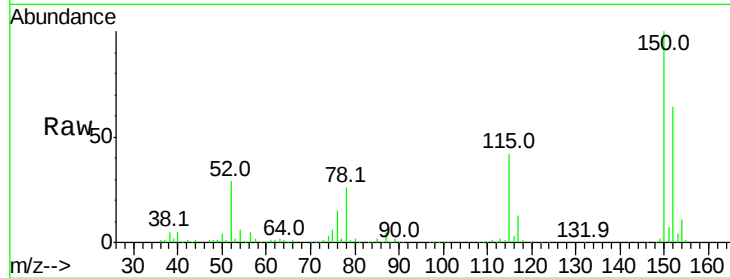


#1

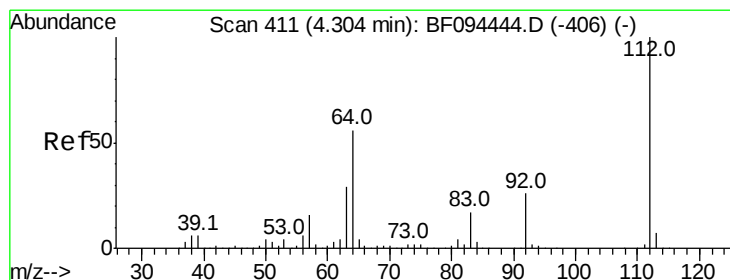
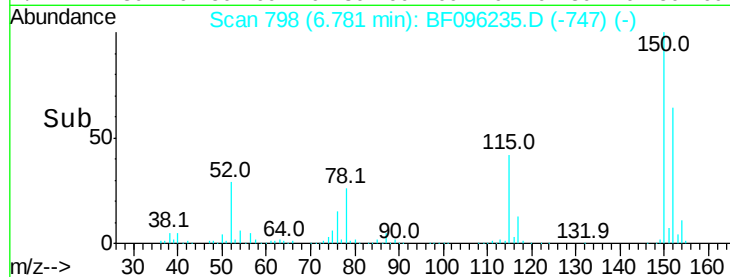
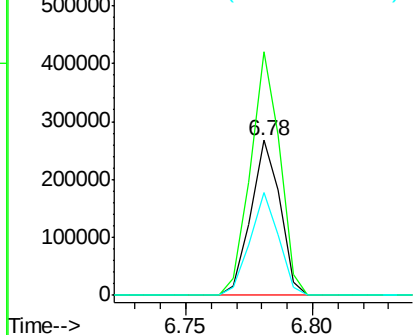
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096235.D
Acq: 28 Jun 2017 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 215799
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 66.3 52.2 78.2



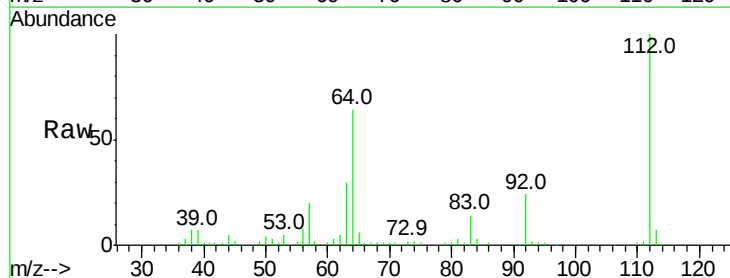
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



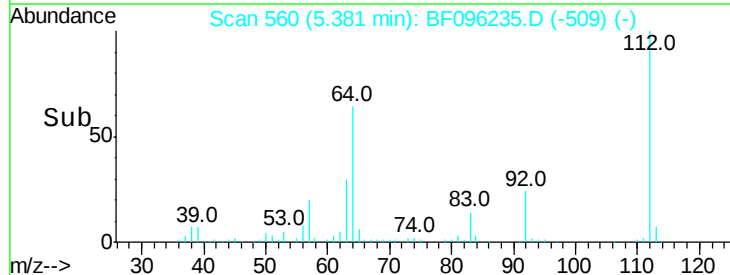
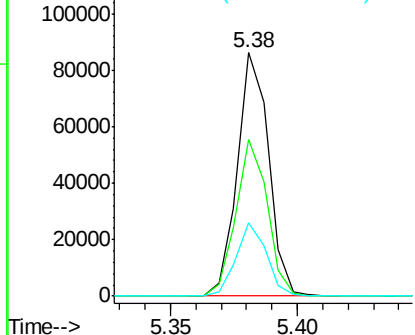
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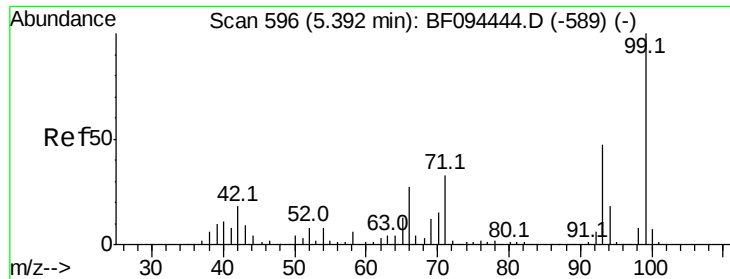
2-Fluorophenol
Concen: 4.93 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096235.D
Acq: 28 Jun 2017 00:02

Tgt Ion:112 Resp: 73806
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 30.2 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: 5.07 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

Instrument :

BNA_F

ClientSampleId :

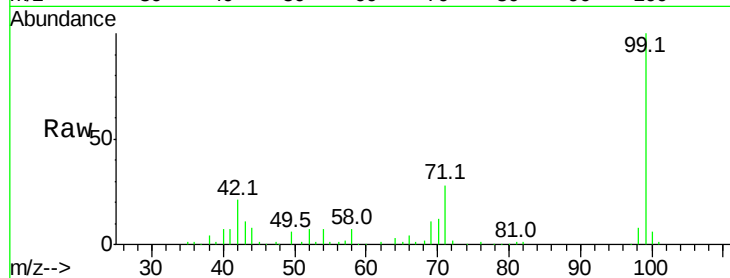
Tot Ion: 99 Resp: 91969

Ion Ratio Lower Upper

99 100

42 20.5 13.5 20.3#

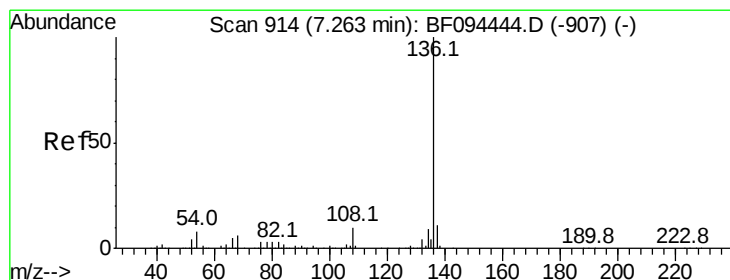
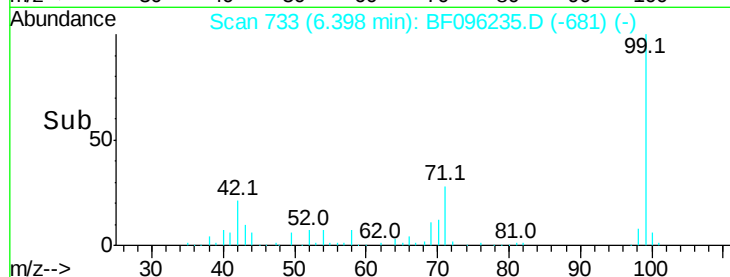
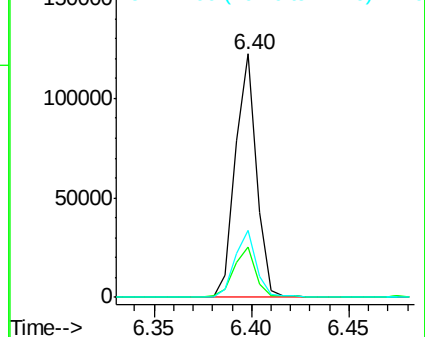
71 27.7 24.5 36.7



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: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

Tgt Ion: 136 Resp: 848547

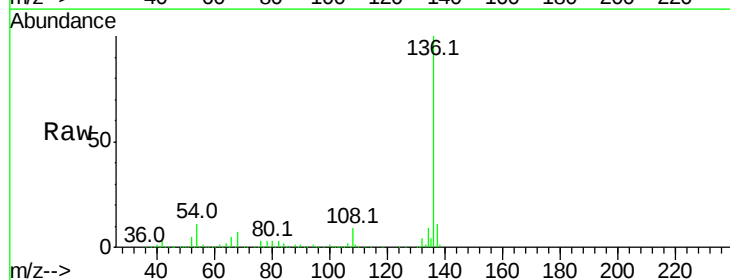
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 4.9 7.3#

68 6.8 4.1 6.1#

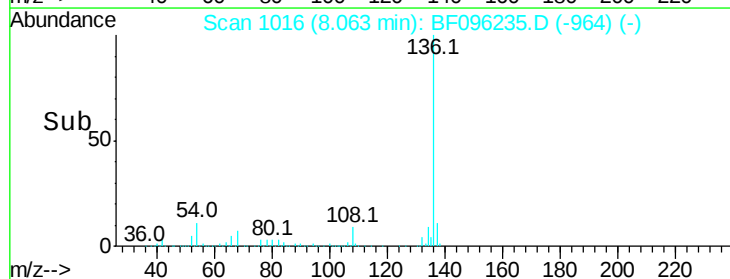
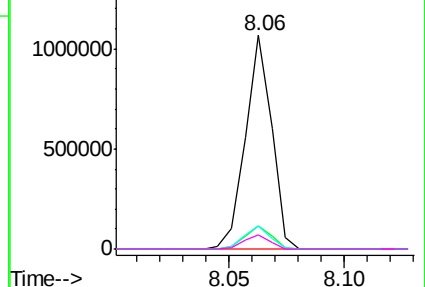


Abundance Ion 136.00 (135.70 to 136.70): E

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

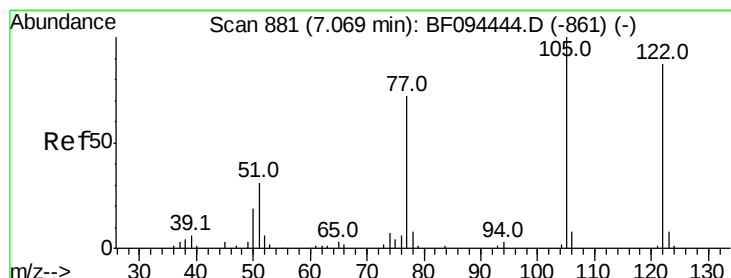
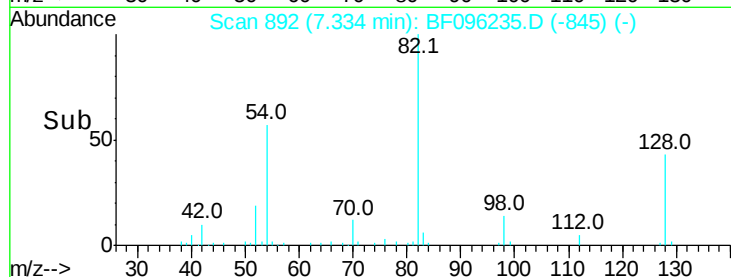
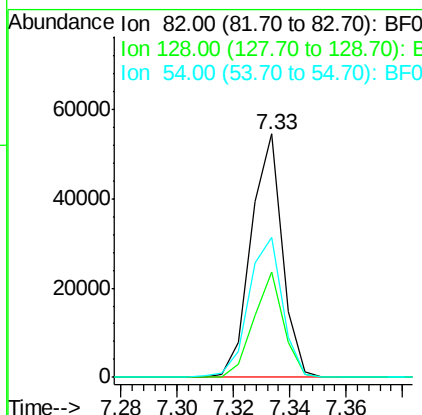
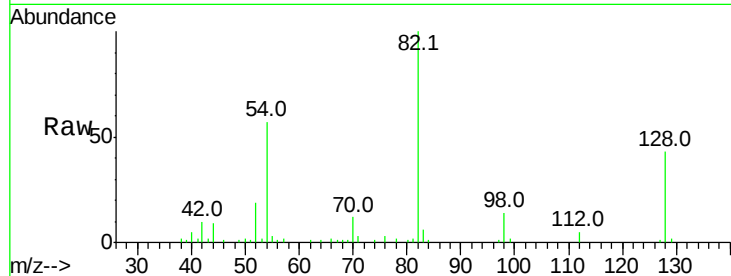




#23
 Nitrobenzene-d5
 Concen: 3.40 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

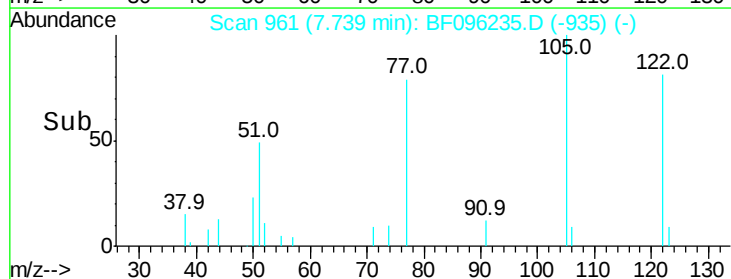
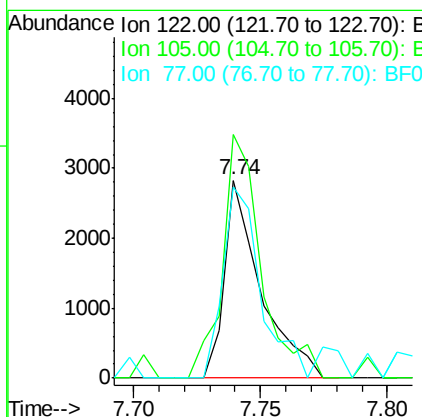
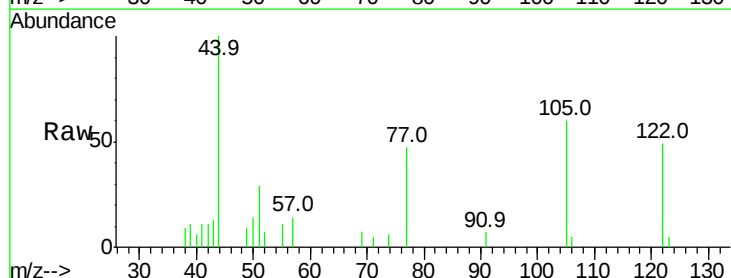
Instrument :
 BNA_F
 ClientSampled :

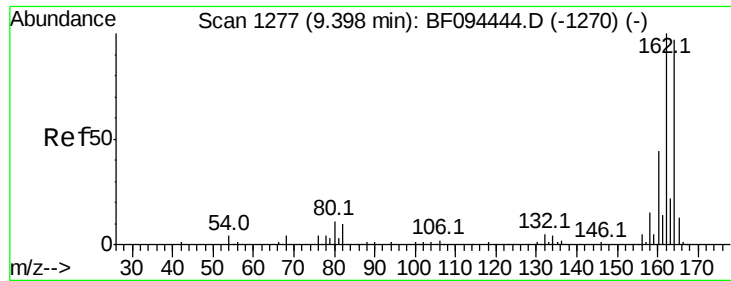
Tot Ion: 82 Resp: 41703
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.0 51.0
 54 57.3 42.2 63.2



#32
 Benzoic acid
 Concen: 9.04 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.15 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

Tgt Ion:122 Resp: 2817
 Ion Ratio Lower Upper
 122 100
 105 123.2 103.3 143.3
 77 96.9 73.7 113.7

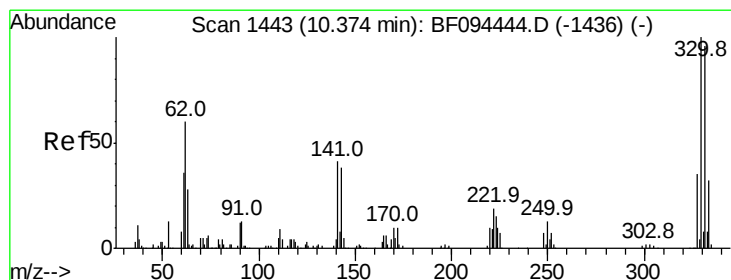
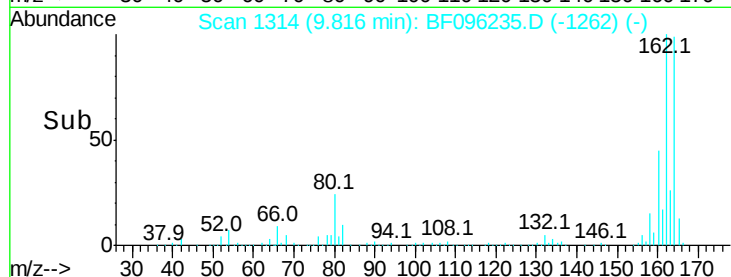
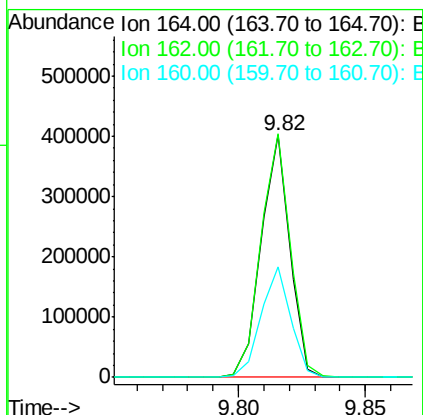
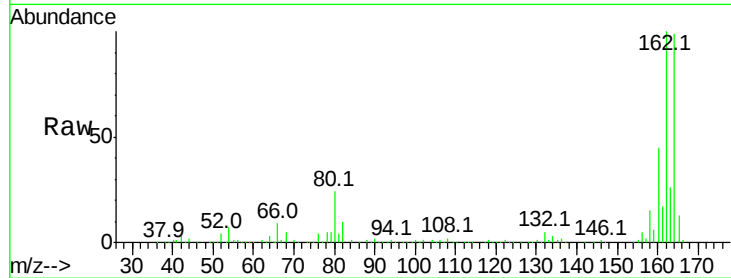




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

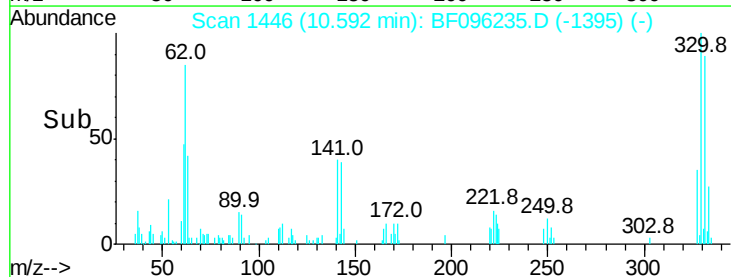
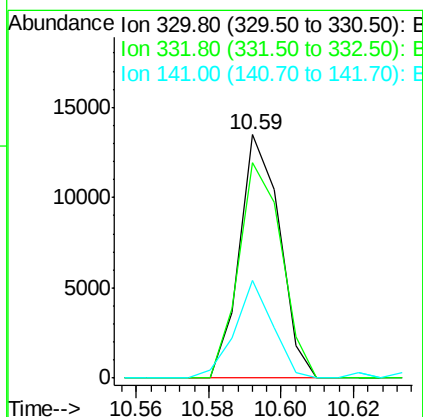
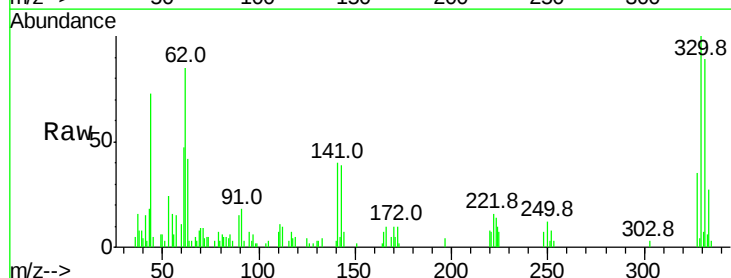
Instrument :
 BNA_F
 ClientSampled :

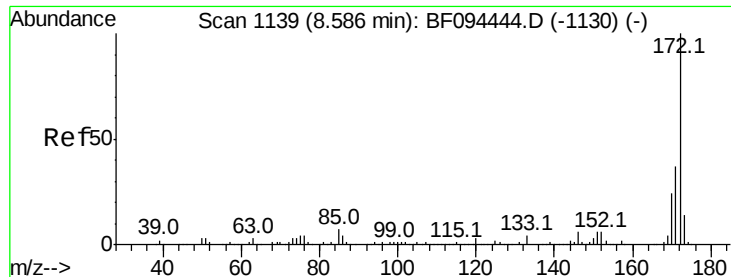
Tot Ion:164 Resp: 319240
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 123.8
 160 45.7 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 4.13 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

Tgt Ion:330 Resp: 10368
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 38.3 31.4 47.2

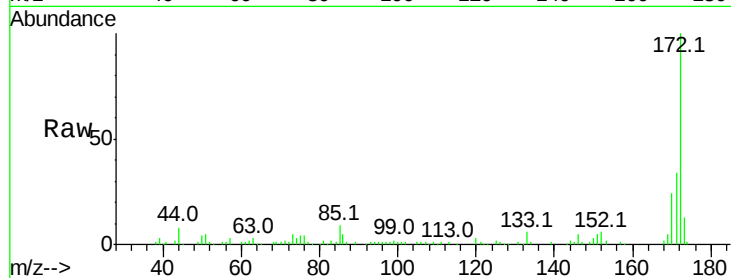




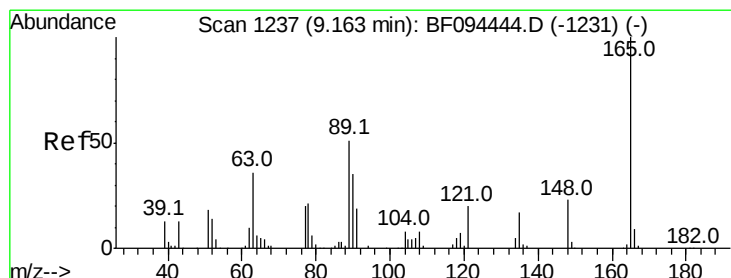
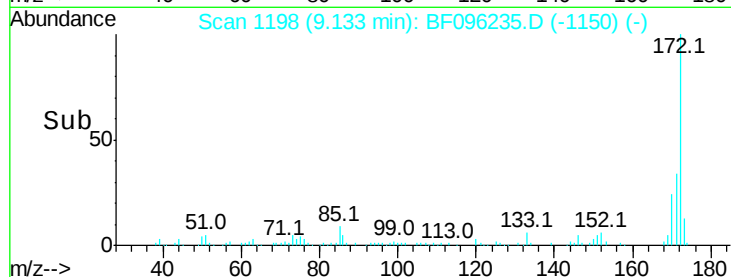
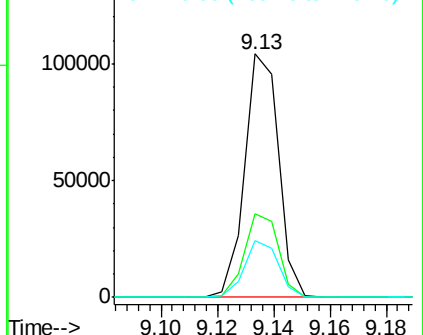
#44
 2-Fluorobiphenyl
 Concen: 4.96 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 86516
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 23.5 19.8 29.8

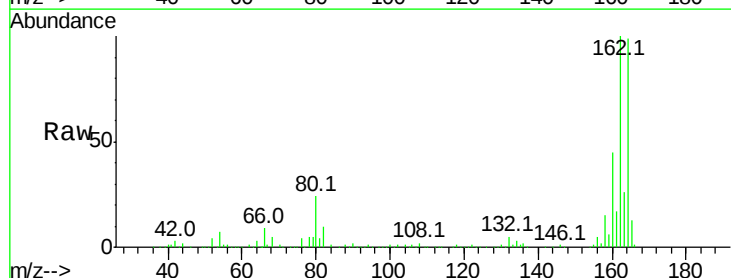


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

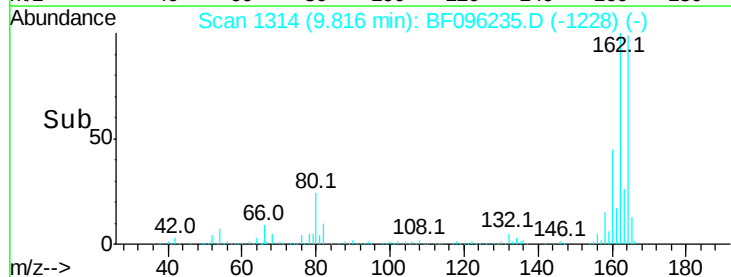
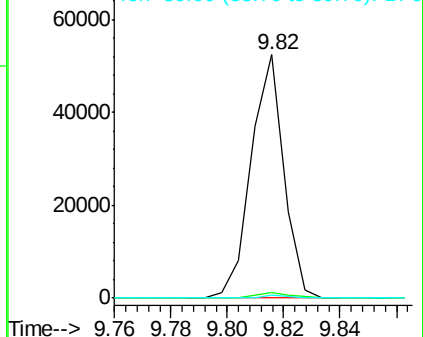


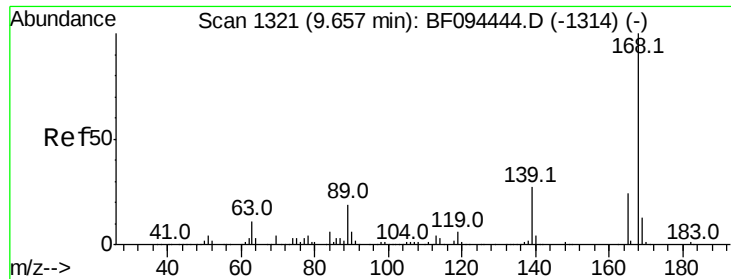
#50
 2,6-Dinitrotoluene
 Concen: 8.82 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.21 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

Tgt Ion:165 Resp: 41905
 Ion Ratio Lower Upper
 165 100
 63 2.1 34.3 51.5#
 89 1.1 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

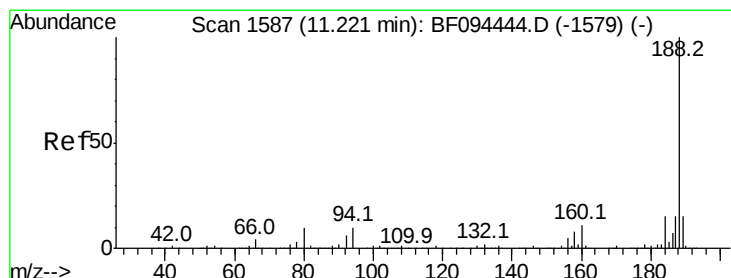
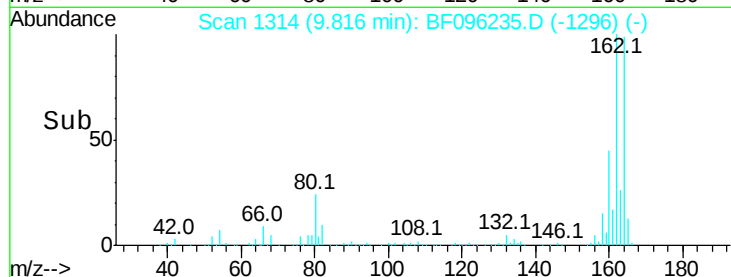
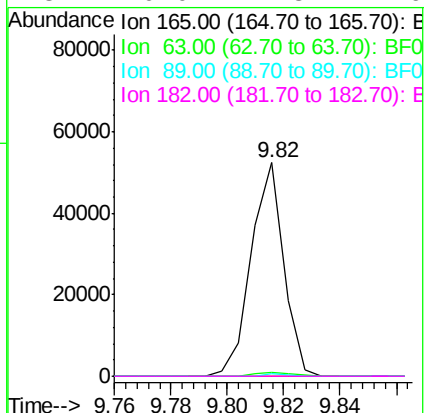
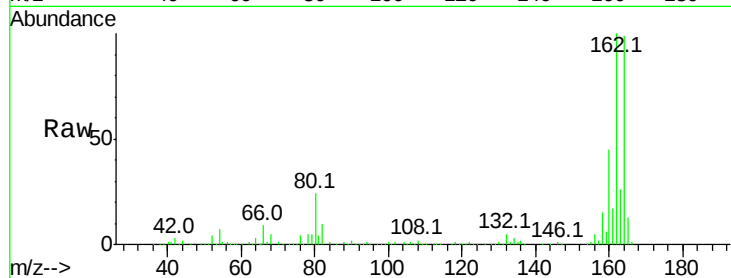




#56
 2,4-Dinitrotoluene
 Concen: 7.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.19 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

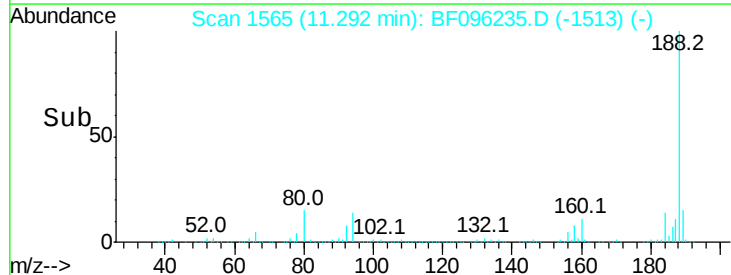
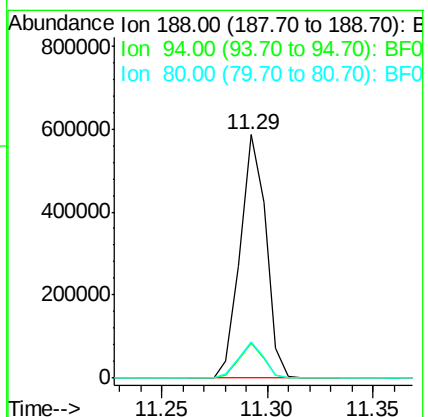
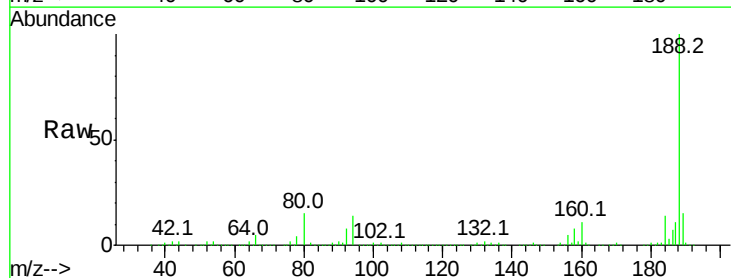
Instrument :
 BNA_F
 ClientSampleId :

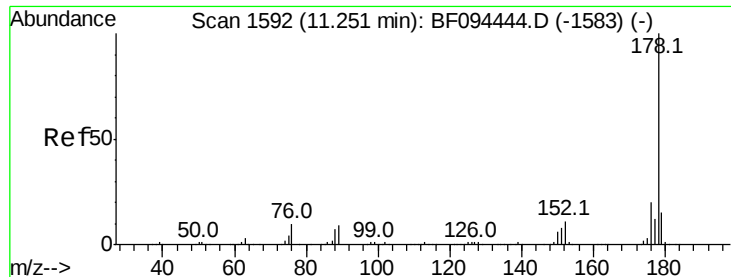
Tot Ion:	165	Resp:	41905
Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

Tgt Ion:	188	Resp:	493363
Ion	Ratio	Lower	Upper
188	100		
94	14.4	9.4	14.2#
80	14.7	10.2	15.2





#70

Phenanthrene

Concen: Below Cal

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

Instrument :

BNA_F

ClientSampled :

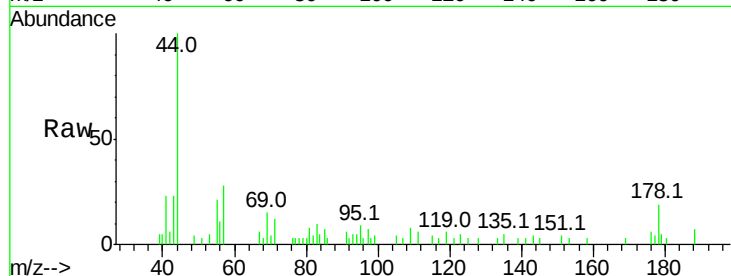
Tot Ion:178 Resp: 1881

Ion Ratio Lower Upper

178 100

176 31.3 16.2 24.4#

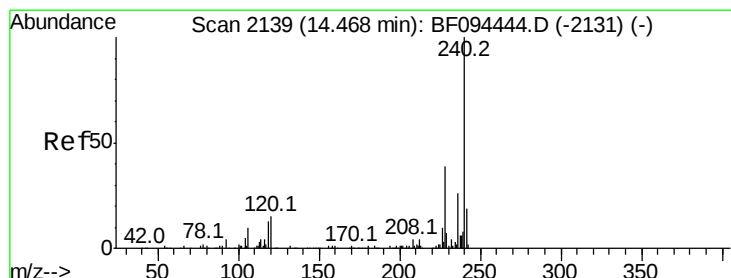
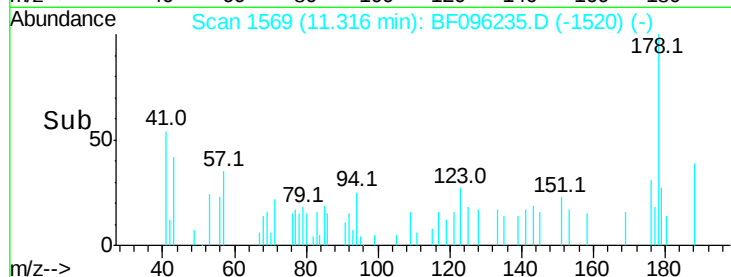
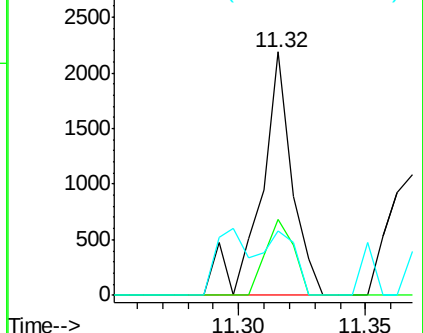
179 26.6 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

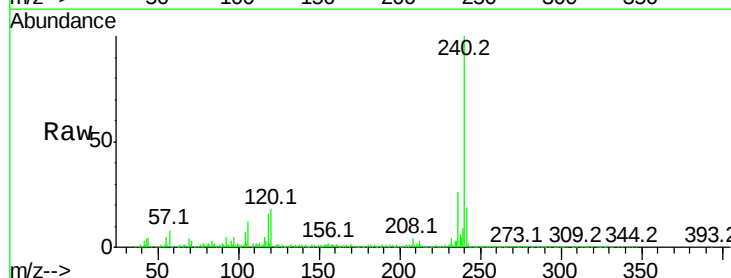
Tgt Ion:240 Resp: 372030

Ion Ratio Lower Upper

240 100

120 17.9 5.8 8.8#

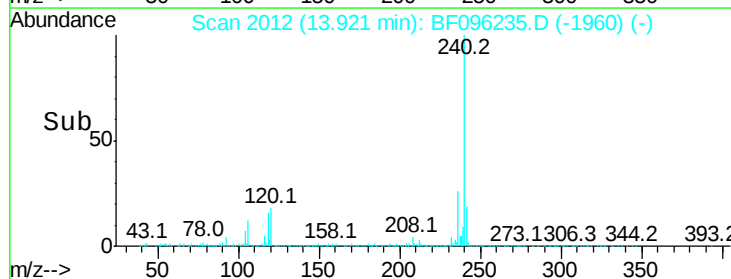
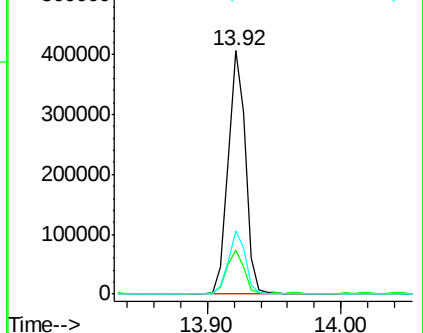
236 26.1 20.5 30.7

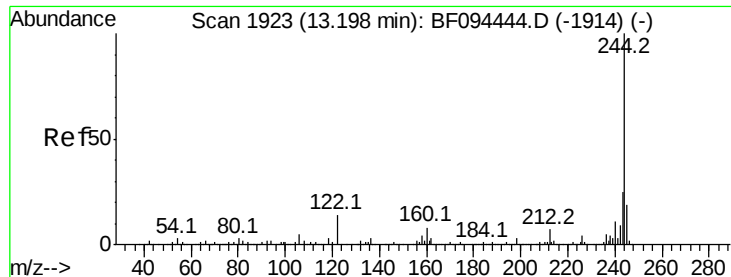


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

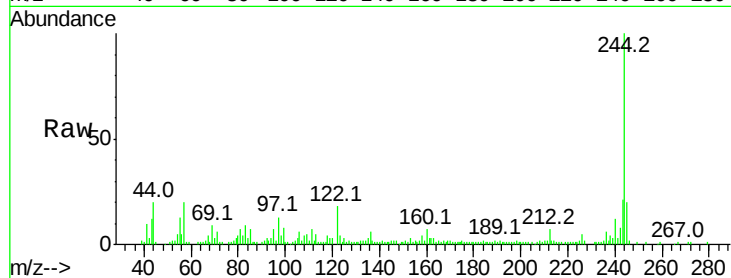




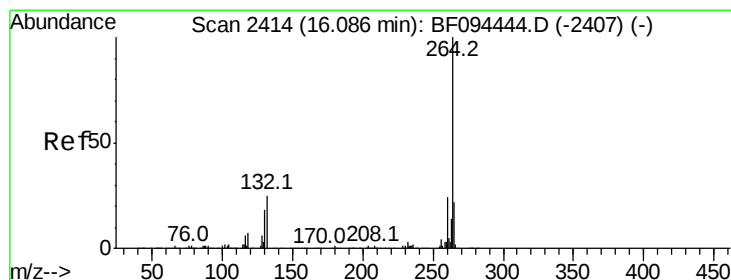
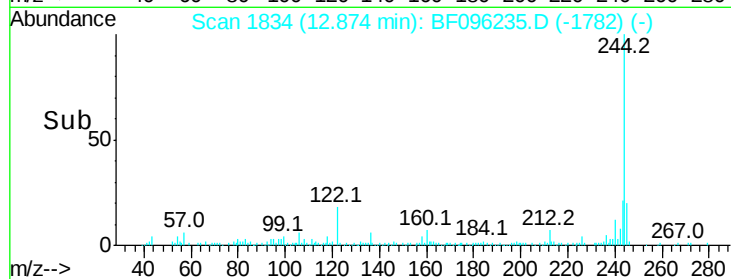
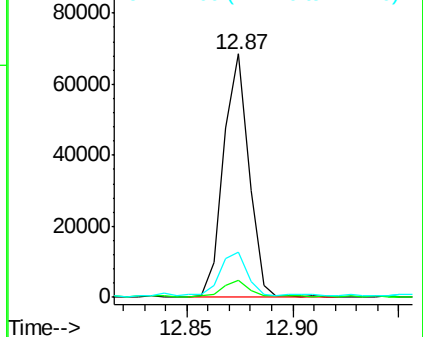
#78
 Terphenyl-d14
 Concen: 3.81 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 56847
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 18.5 10.3 15.5#

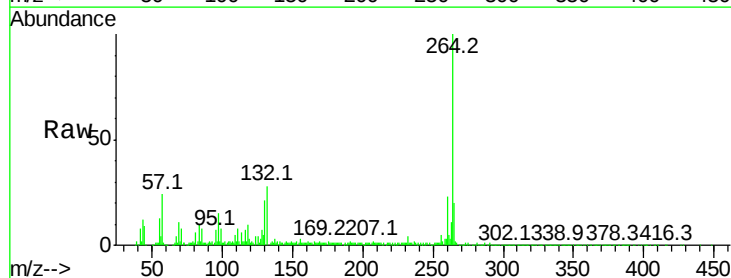


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. 0.01 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

Tgt Ion:264 Resp: 267444
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.0 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

