

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096632.D
 Acq On : 11 Jul 2017 6:23
 Operator : SJ/JU
 Sample : I4081-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 08:12:41 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

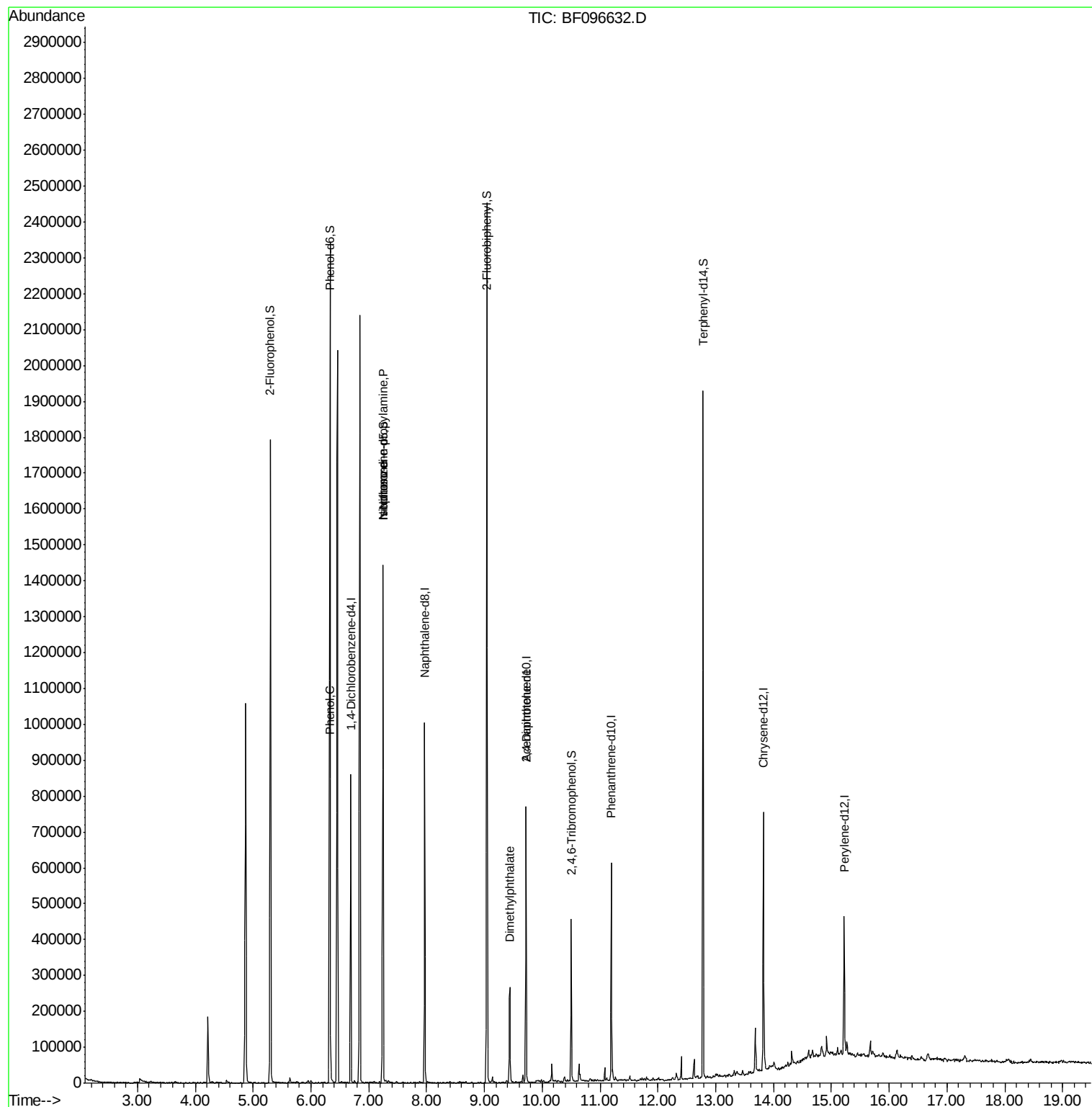
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113421	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	427038	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	156255	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	228175	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	244075	20.00	ng	-0.02
86) Perylene-d12	15.22	264	162543	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	466566	60.72	ng	-0.01
7) Phenol-d6	6.33	99	799436	84.62	ng	-0.02
23) Nitrobenzene-d5	7.25	82	451212	63.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	47632	39.03	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	773141	84.60	ng	-0.02
78) Terphenyl-d14	12.78	244	595077	52.10	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	22318	2.07	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.25	70	59213	10.52	ng	# 89
25) Isophorone	7.25	82	448000	32.51	ng	# 67
49) Dimethylphthalate	9.44	163	108982	9.34	ng	97
56) 2,4-Dinitrotoluene	9.72	165	19315	5.91	ng	# 31

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

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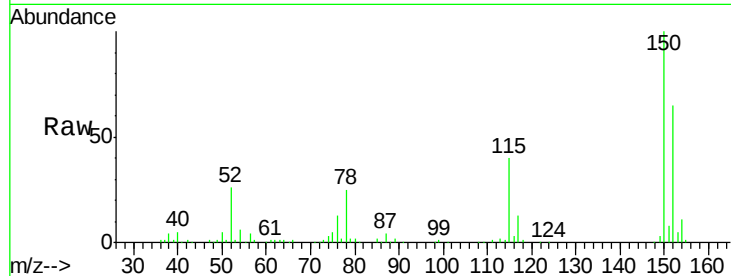


#1

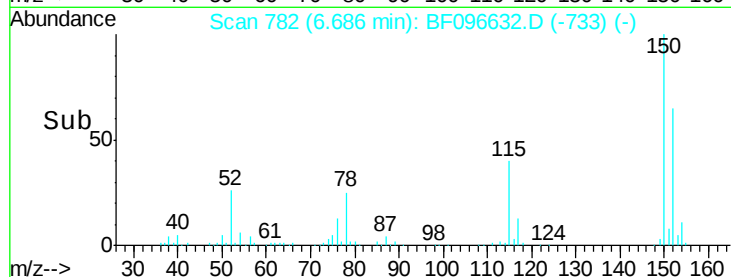
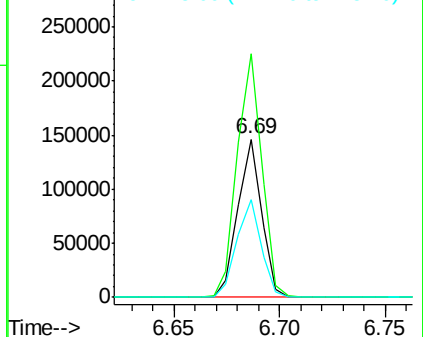
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113421
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 61.9 52.2 78.2



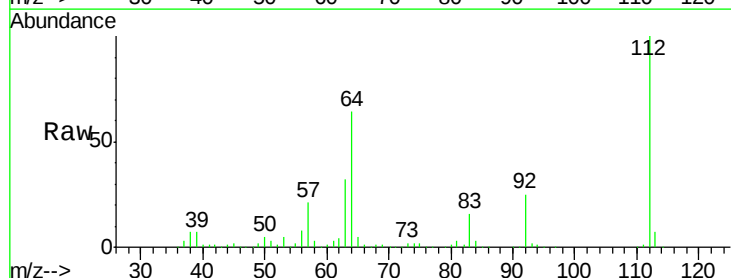
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



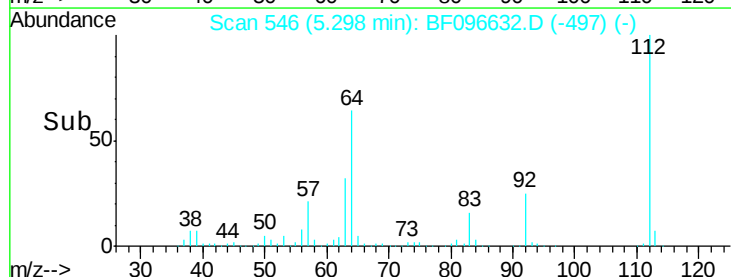
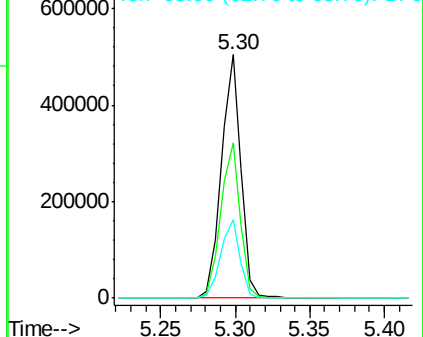
#5

2-Fluorophenol
Concen: 60.72 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

Tgt Ion:112 Resp: 466566
Ion Ratio Lower Upper
112 100
64 63.6 46.0 69.0
63 32.2 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: 84.62 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

Instrument :

BNA_F

ClientSampleId :

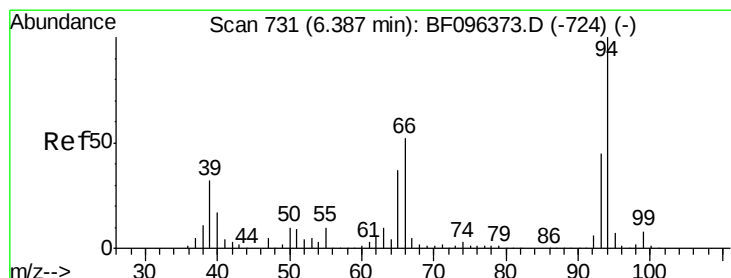
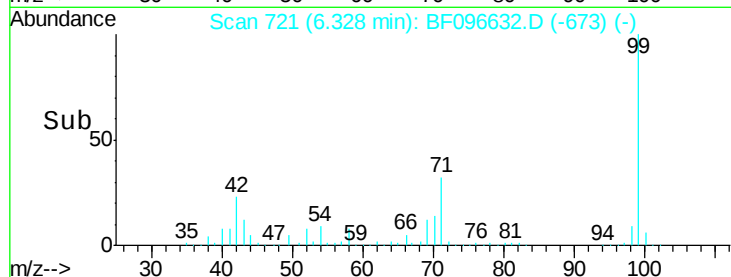
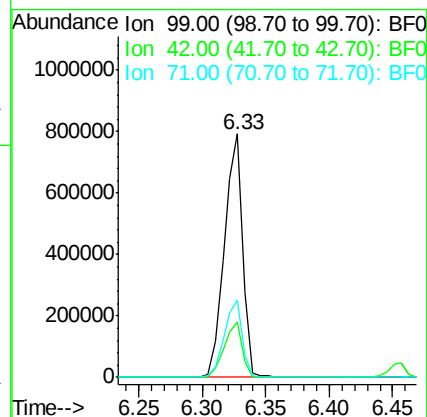
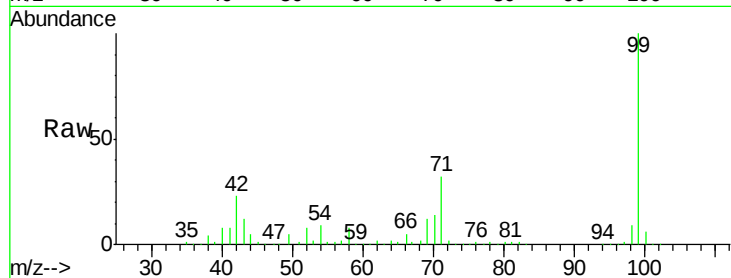
Tot Ion: 99 Resp: 799436

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

71 31.7 24.5 36.7



#10

Phenol

Concen: 2.07 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

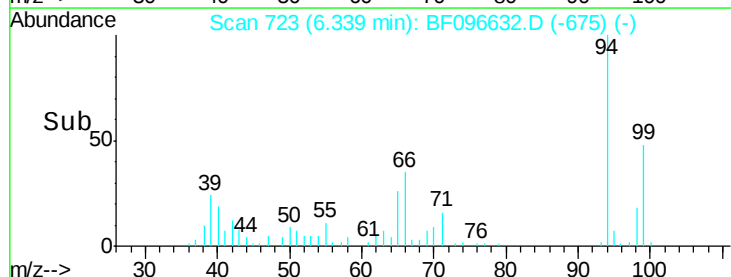
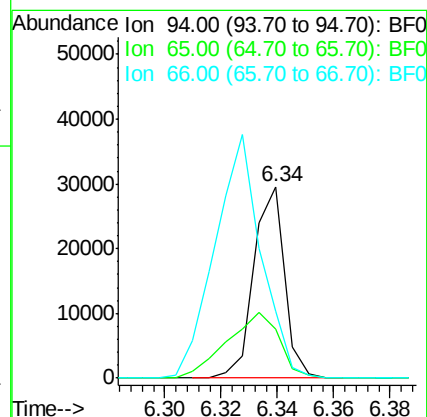
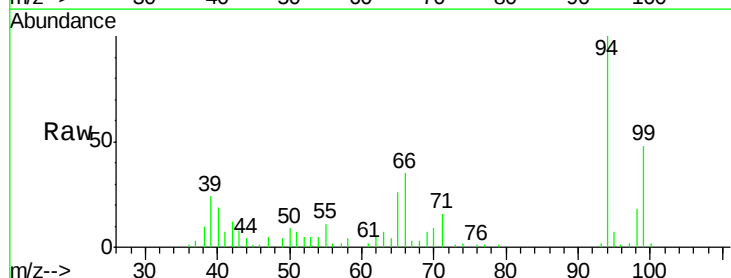
Tgt Ion: 94 Resp: 22318

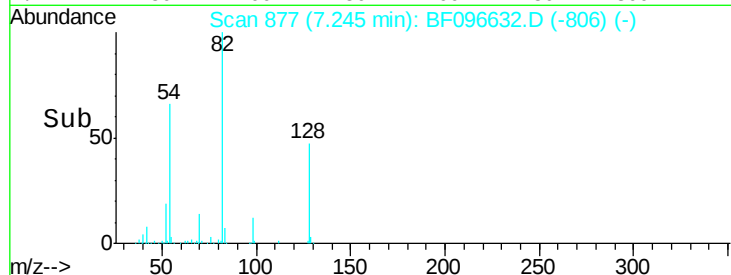
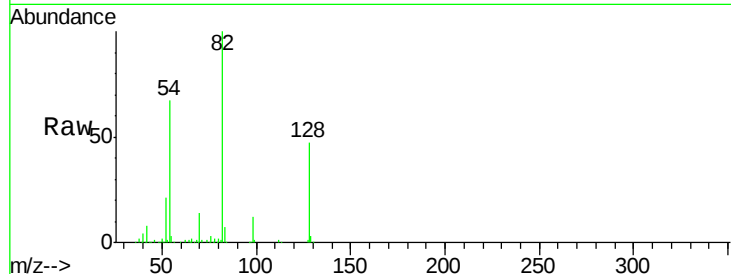
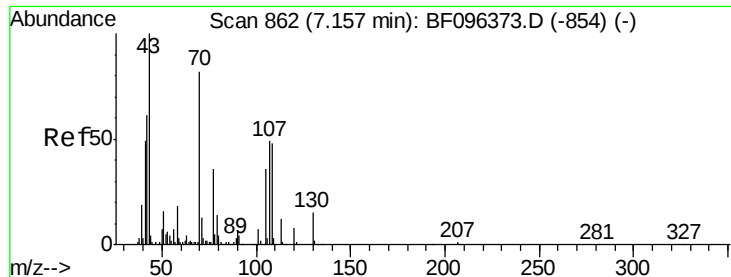
Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

66 35.0 23.1 63.1

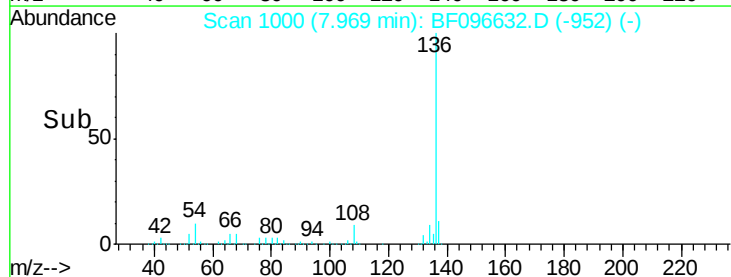
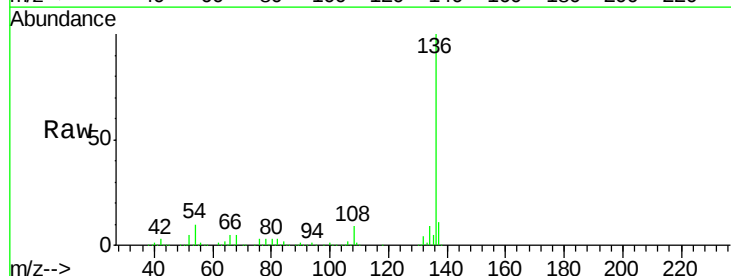
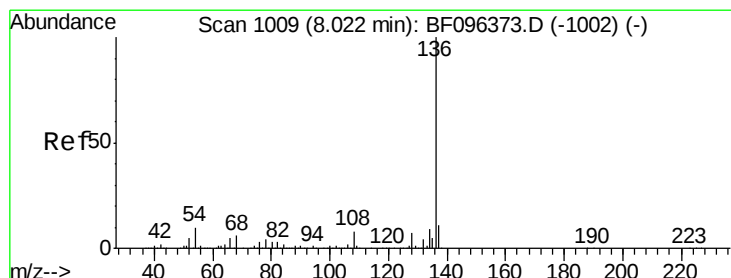
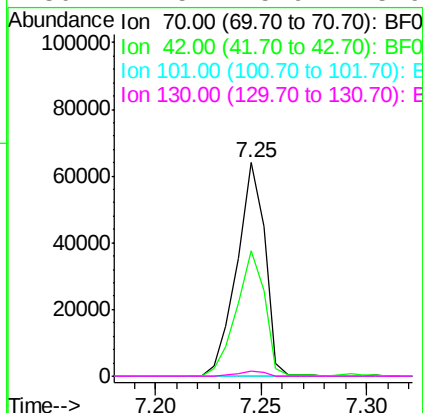




#19
n-Nitroso-di-n-propylamine
Concen: 10.52 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

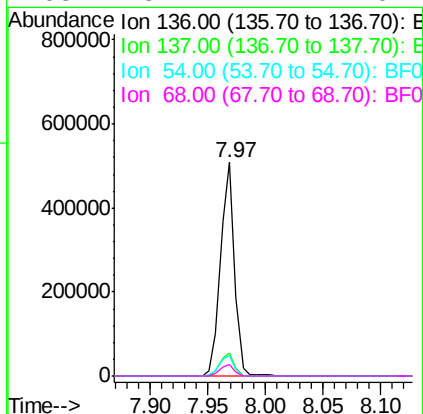
Instrument :
BNA_F
ClientSampled :

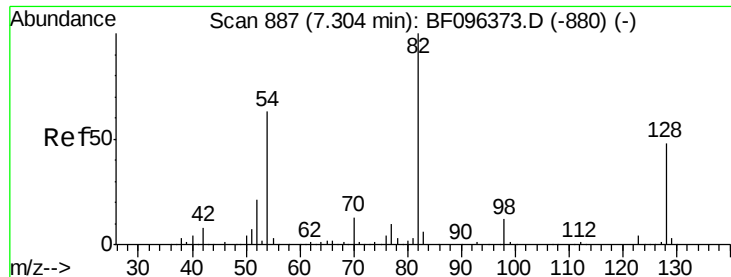
Tot Ion:	70	Resp:	59213
Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

Tgt Ion:	136	Resp:	427038
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.7	4.9	7.3#
68	5.2	4.1	6.1

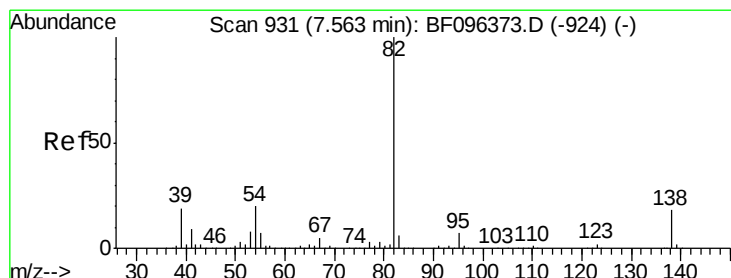
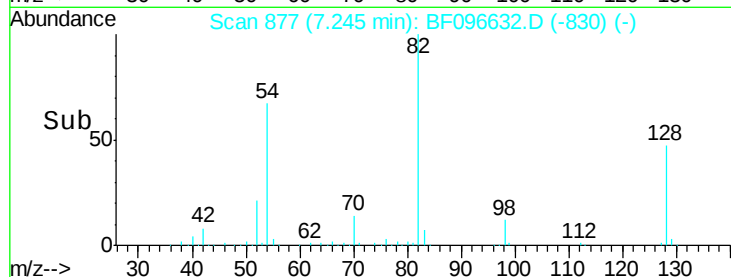
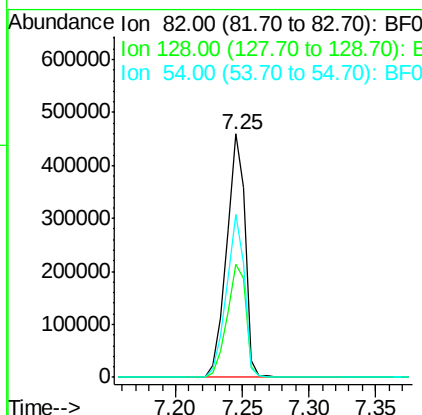
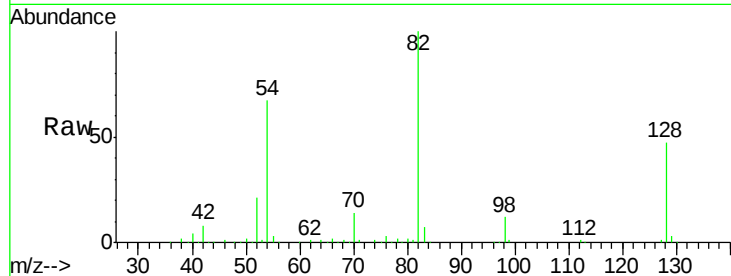




#23
 Nitrobenzene-d5
 Concen: 63.49 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

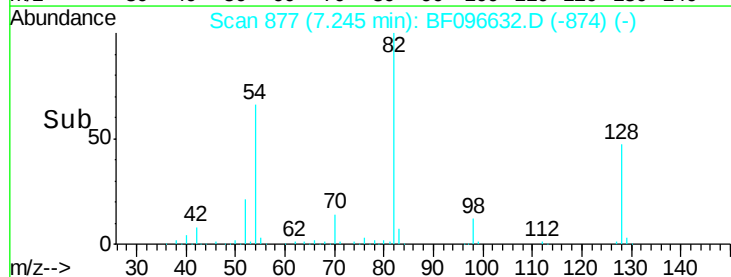
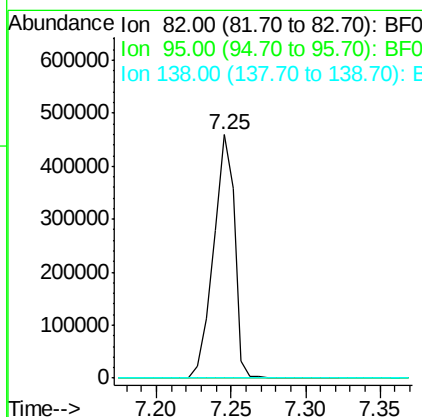
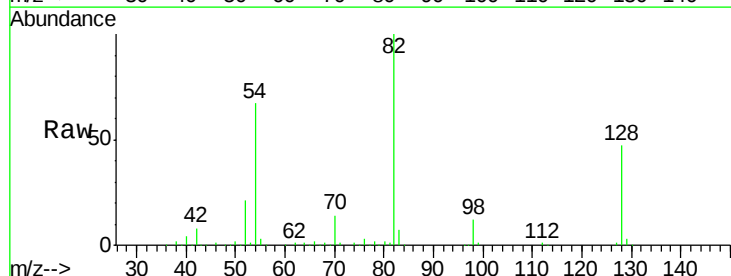
Instrument :
 BNA_F
 ClientSampleID :

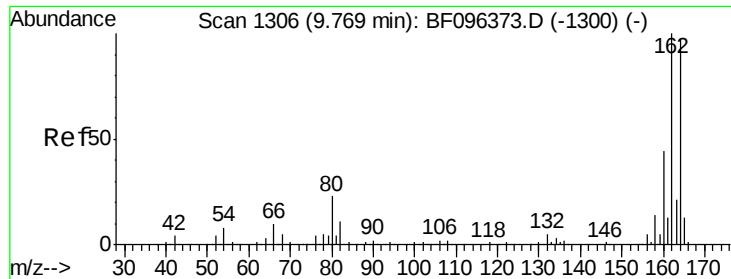
Tot Ion: 82 Resp: 451212
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 66.7 42.2 63.2#



#25
 Isophorone
 Concen: 32.51 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.28 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

Tgt Ion: 82 Resp: 448000
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

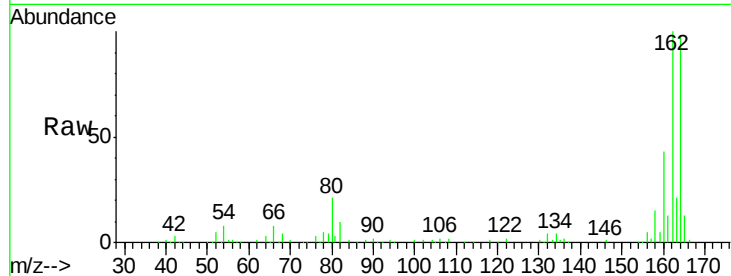




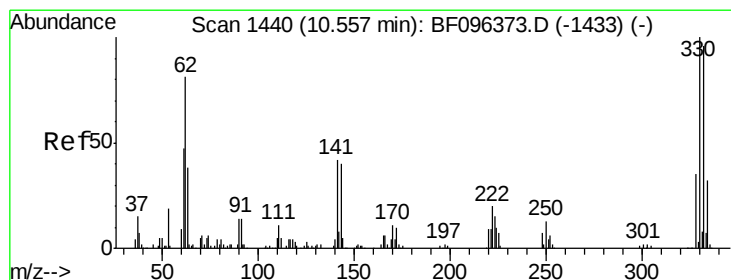
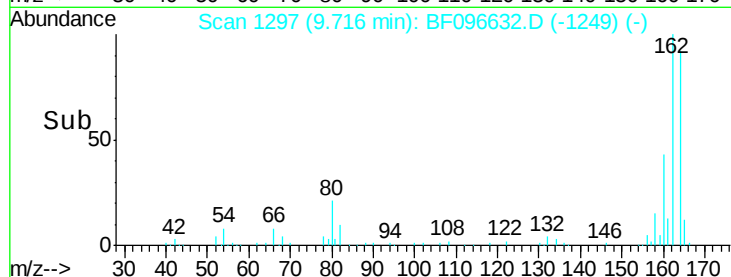
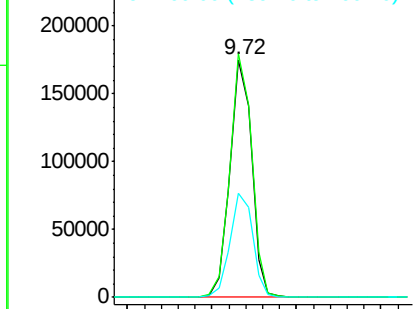
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 156255
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 43.9 36.2 54.2

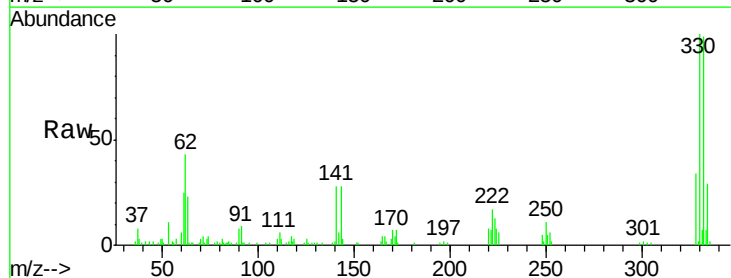


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

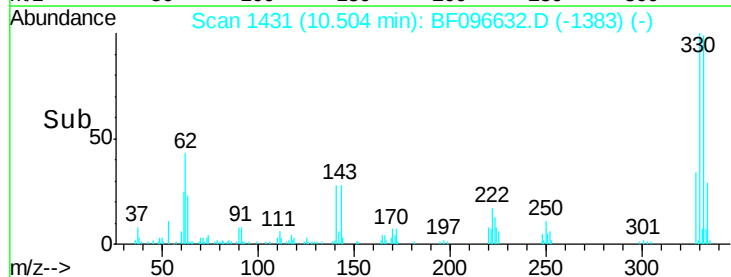
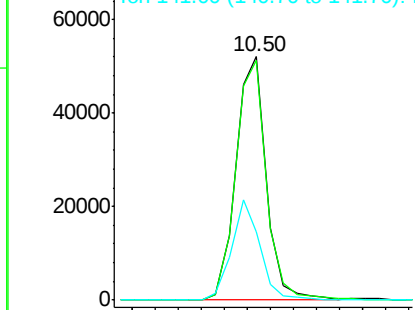


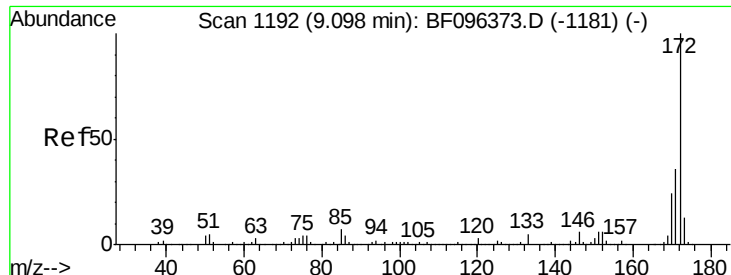
#41
 2,4,6-Tribromophenol
 Concen: 39.03 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

Tgt Ion:330 Resp: 47632
 Ion Ratio Lower Upper
 330 100
 332 99.8 76.6 115.0
 141 38.2 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

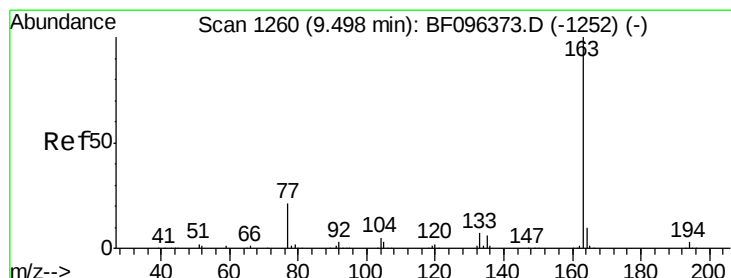
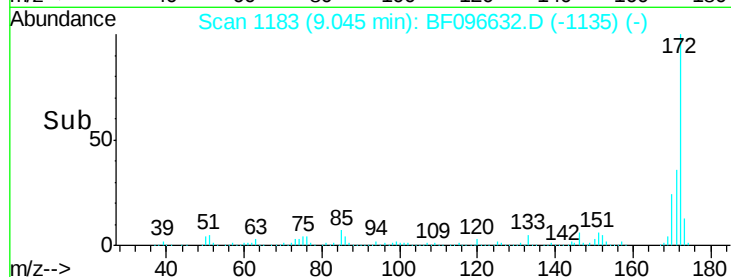
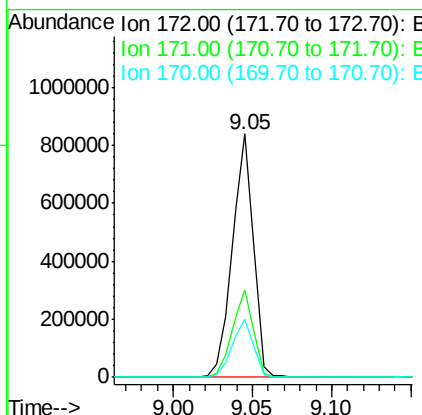
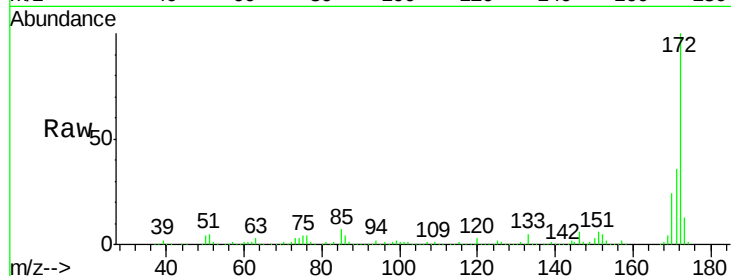




#44
2-Fluorobiphenyl
Concen: 84.60 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

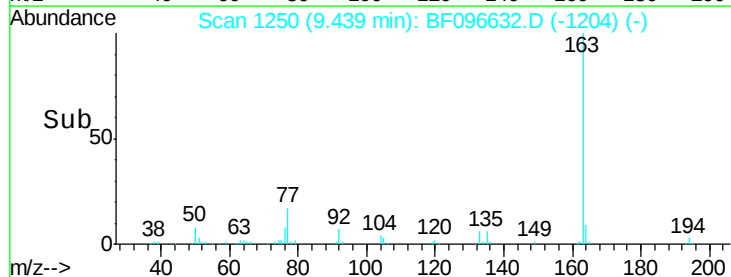
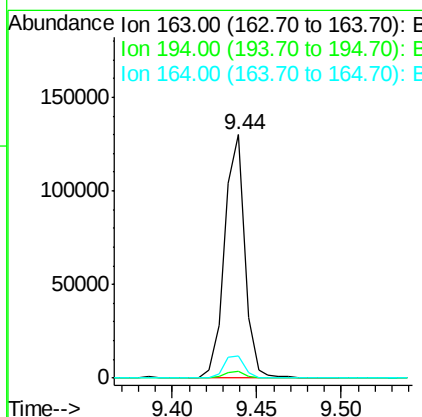
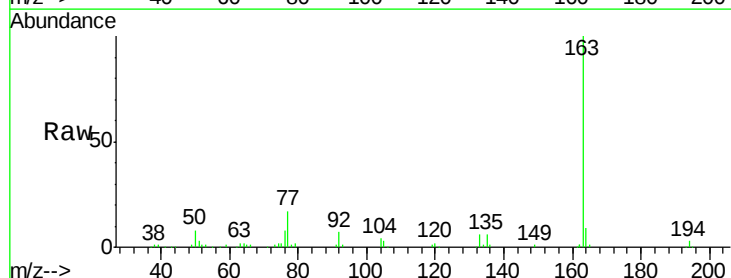
Instrument :
BNA_F
ClientSampleId :

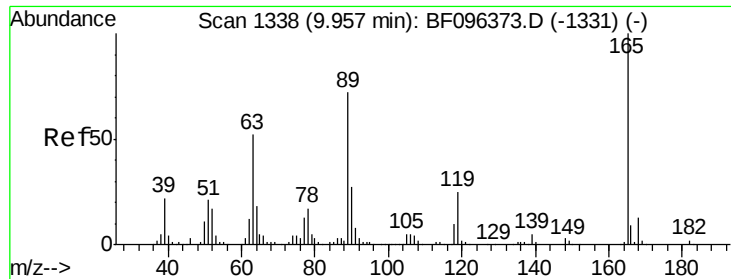
Tot Ion:172 Resp: 773141
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 9.34 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096632.D
Acq: 11 Jul 2017 6:23

Tgt Ion:163 Resp: 108982
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 9.2 8.4 12.6

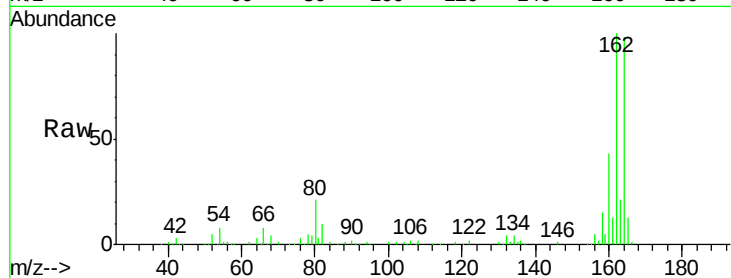




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	19315
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	0.0	46.4 69.6#
182	0.0	1.8 2.6#

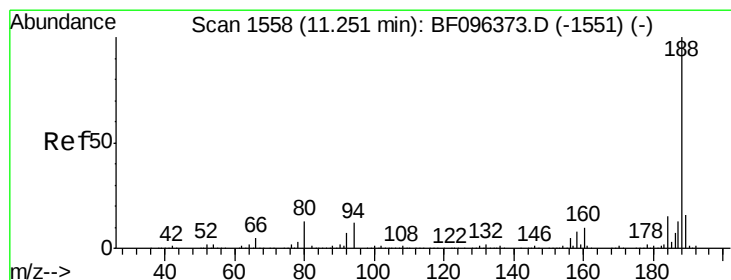
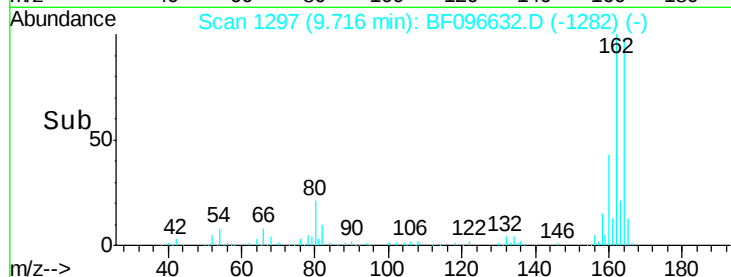
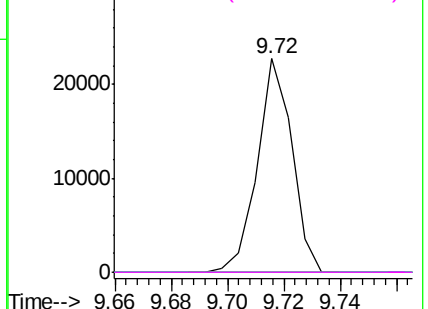


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

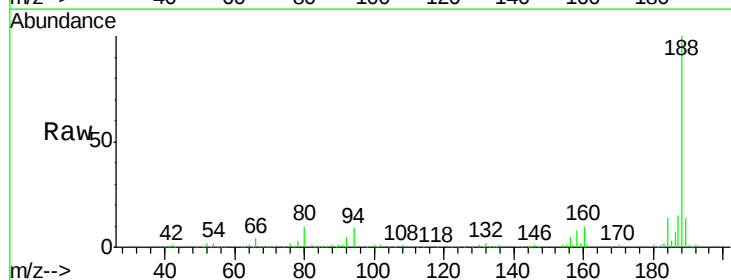
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

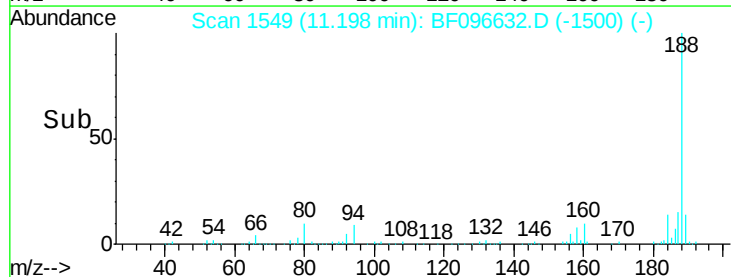
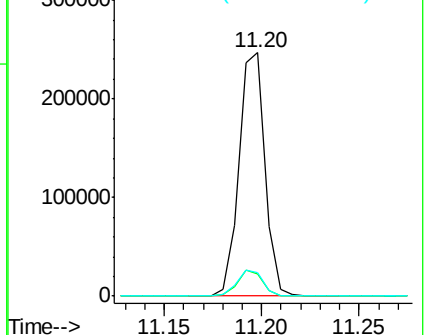
Tgt Ion:188	Resp:	228175
Ion Ratio	Lower	Upper
188	100	
94	9.3	9.4 14.2#
80	9.8	10.2 15.2#

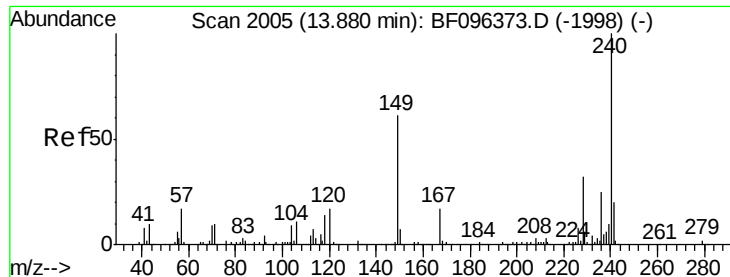


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

Instrument :

BNA_F

ClientSampleId :

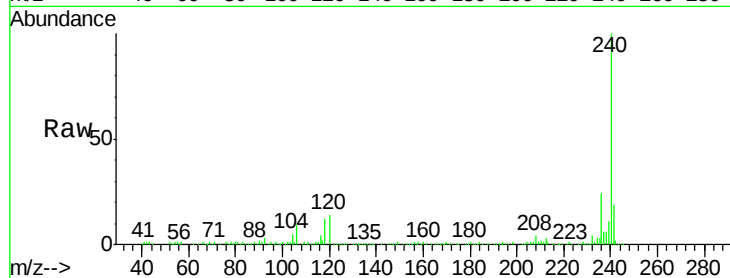
Tot Ion:240 Resp: 244075

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

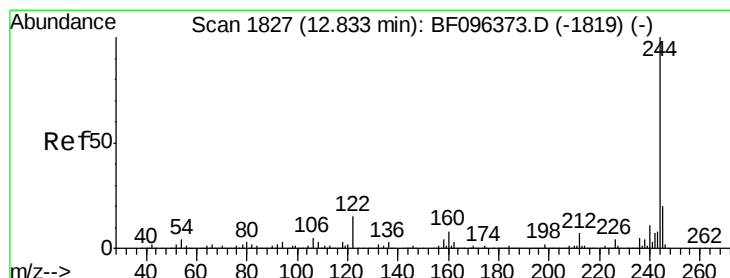
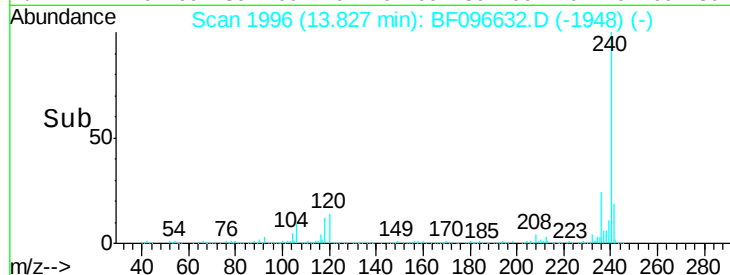
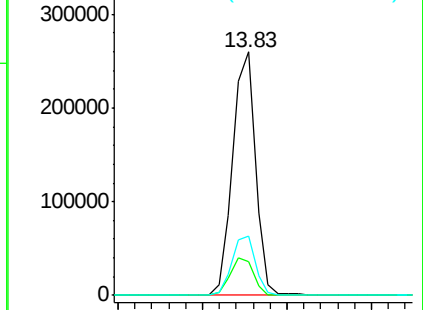
236 24.3 20.5 30.7



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: 52.10 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096632.D

Acq: 11 Jul 2017 6:23

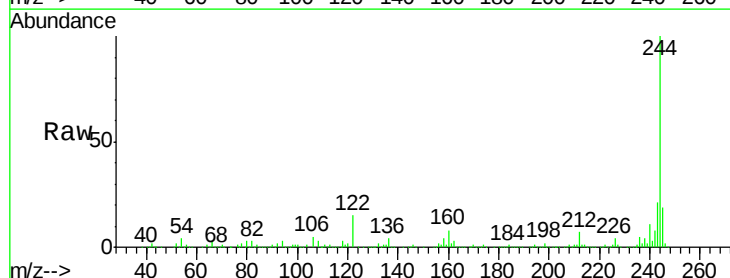
Tgt Ion:244 Resp: 595077

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

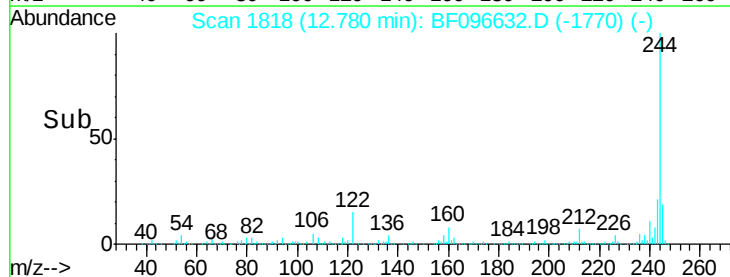
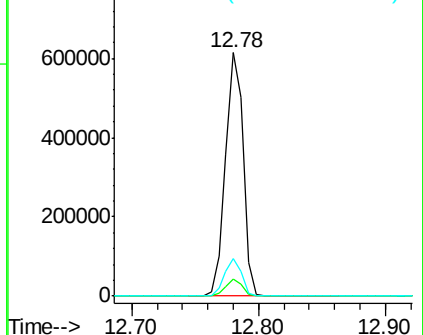
122 15.4 10.3 15.5

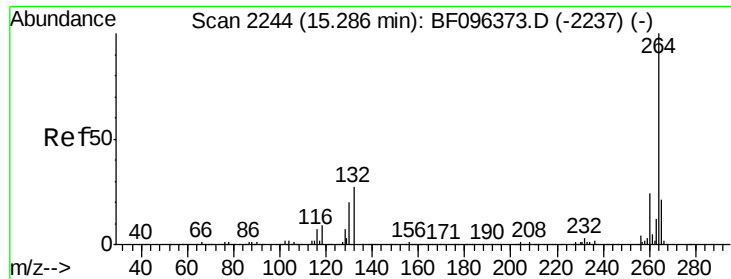


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

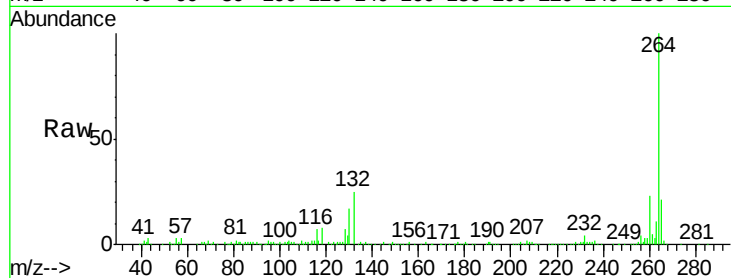




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096632.D
 Acq: 11 Jul 2017 6:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.0	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

