

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096616.D
 Acq On : 10 Jul 2017 22:16
 Operator : SJ/JU
 Sample : I4078-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:13:17 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

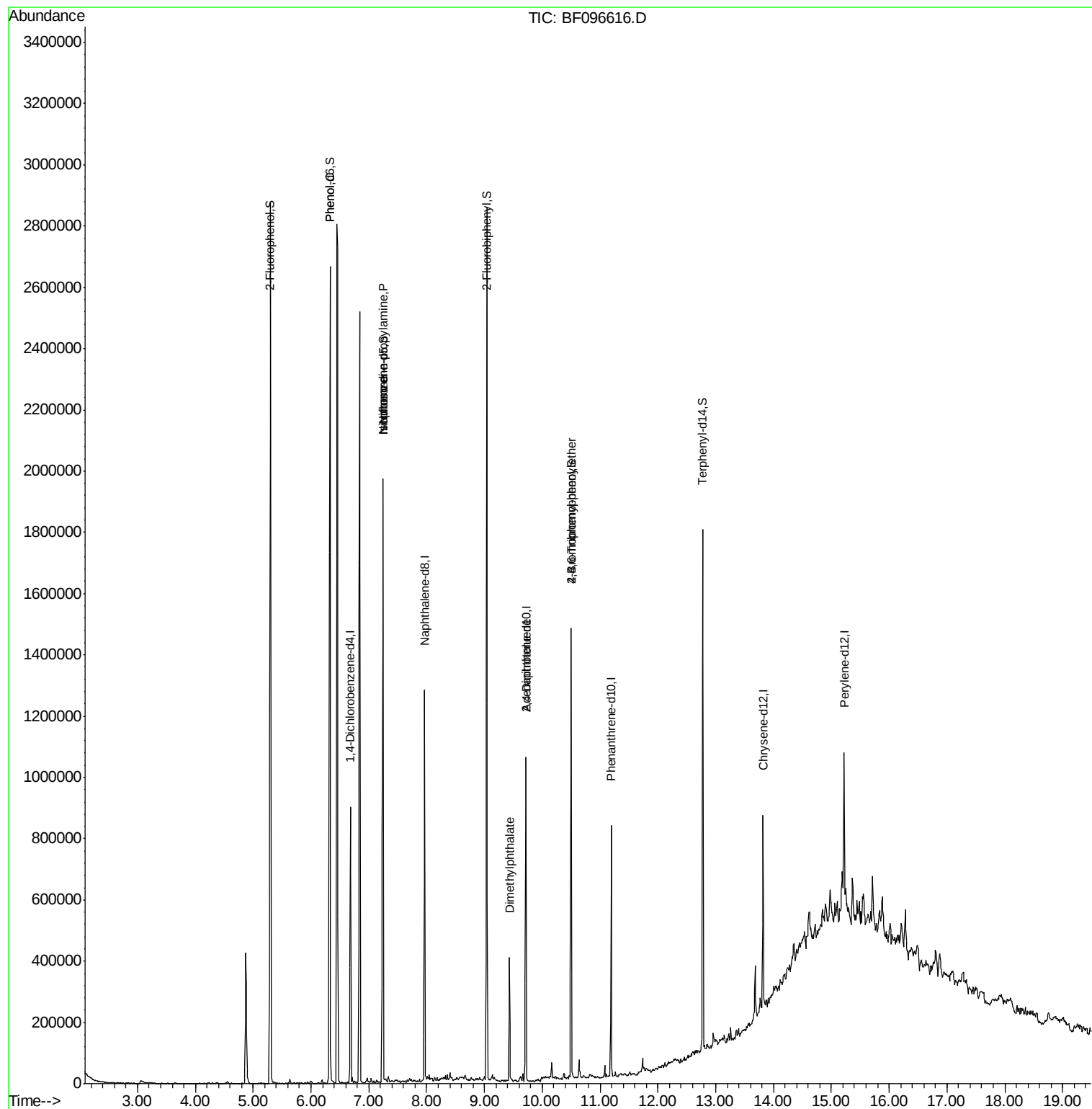
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	127283	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	534488	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	210937	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	273278	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	232469	20.00	ng	-0.02
86) Perylene-d12	15.22	264	224770	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	829836	96.23	ng	-0.01
7) Phenol-d6	6.33	99	1028668	97.03	ng	-0.02
23) Nitrobenzene-d5	7.25	82	612806	68.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	152069	92.29	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	935412	75.82	ng	-0.02
78) Terphenyl-d14	12.77	244	524319	48.20	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	29651	2.45	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.25	70	81512	12.91	ng	# 88
25) Isophorone	7.25	82	609430	35.34	ng	# 67
49) Dimethylphthalate	9.43	163	136026	8.64	ng	99
56) 2,4-Dinitrotoluene	9.72	165	25931	5.88	ng	# 34
66) 4-Bromophenyl-phenylether	10.50	248	9518	3.58	ng	# 1

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

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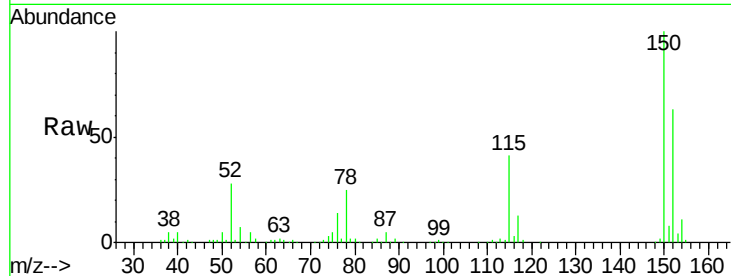


#1

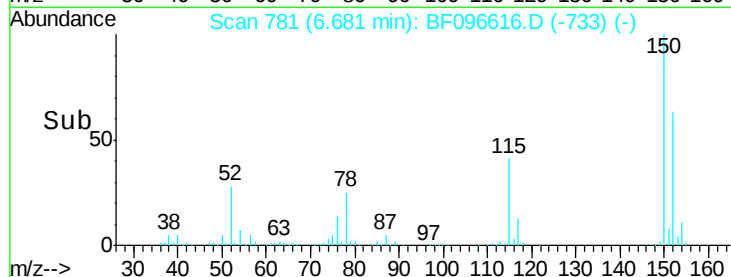
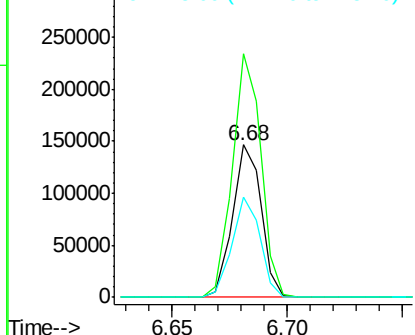
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127283
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 65.5 52.2 78.2



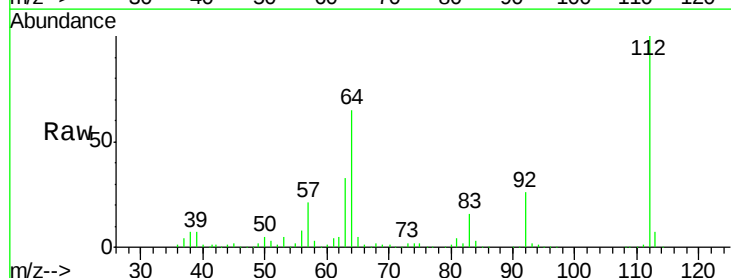
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



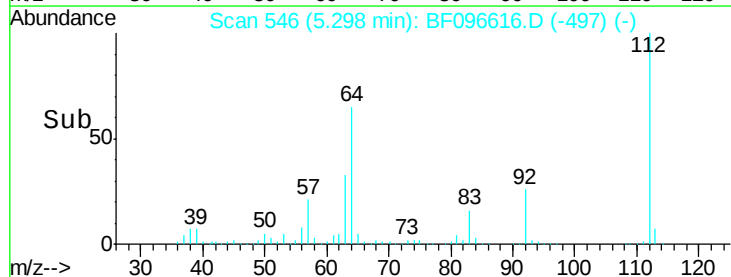
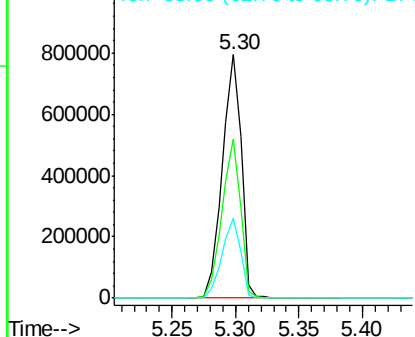
#5

2-Fluorophenol
Concen: 96.23 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Tgt Ion:112 Resp: 829836
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 32.9 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: 97.03 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

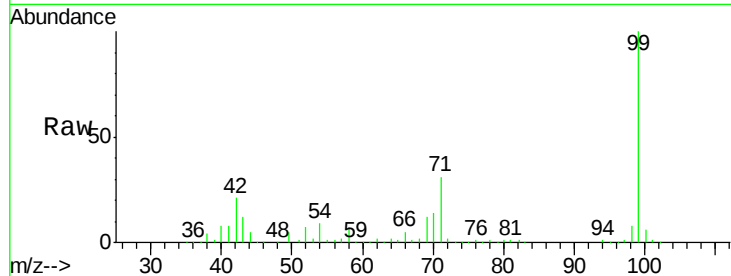
Instrument :

BNA_F

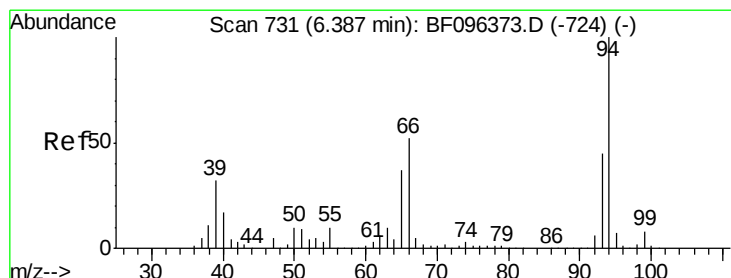
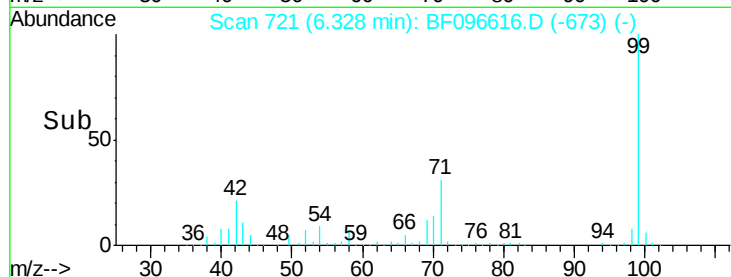
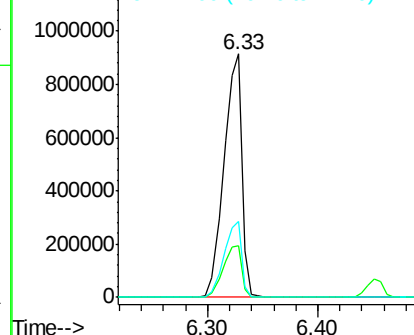
ClientSampleId :

Tot Ion: 99 Resp: 1028668

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	31.3	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: 2.45 ng

RT: 6.33 min Scan# 722

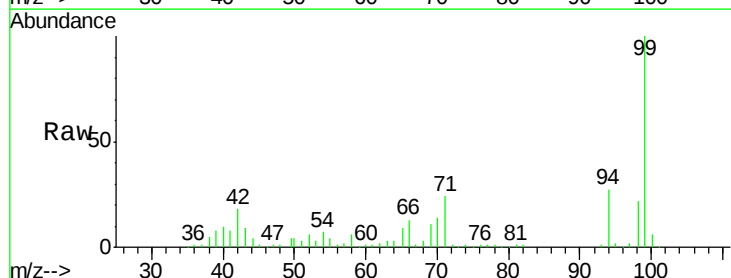
Delta R.T. -0.02 min

Lab File: BF096616.D

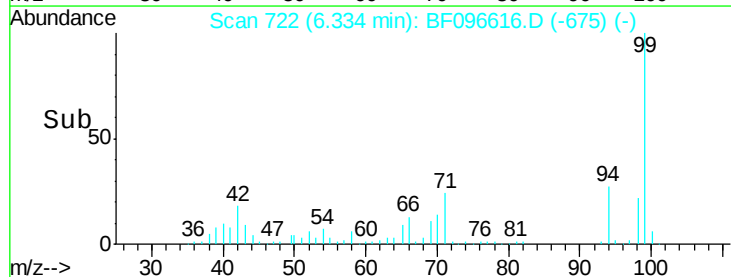
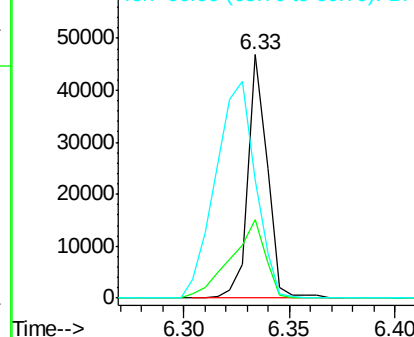
Acq: 10 Jul 2017 22:16

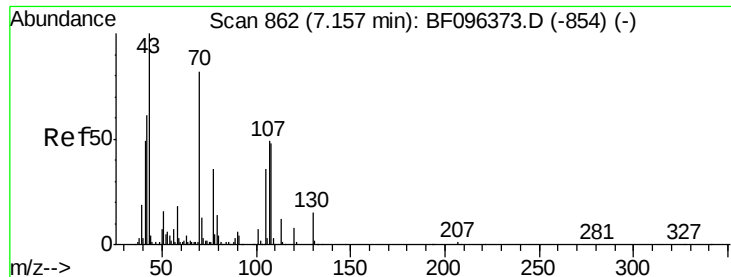
Tgt Ion: 94 Resp: 29651

Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.9	49.9
66	48.5	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

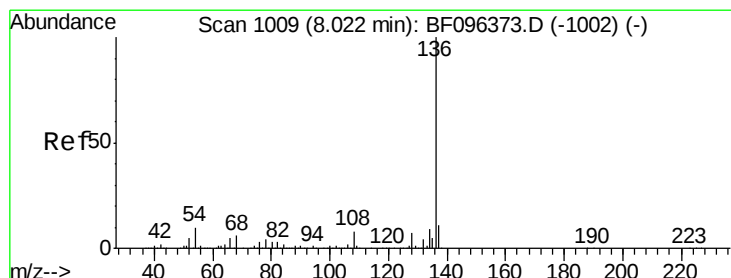
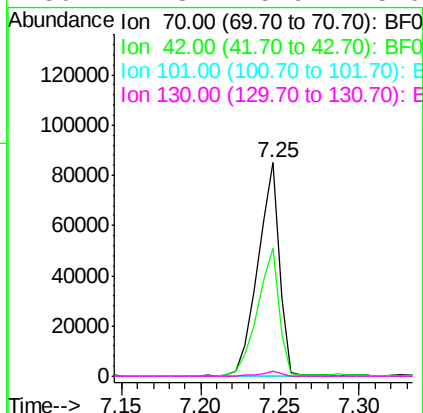
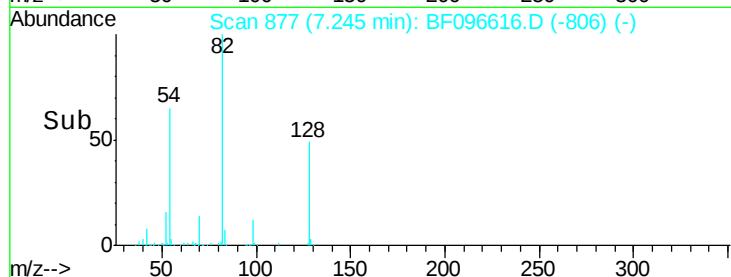
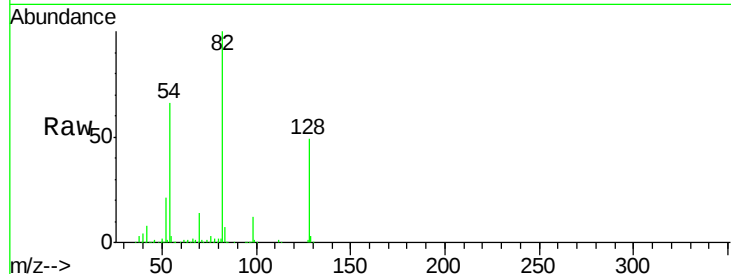




#19
n-Nitroso-di-n-propylamine
Concen: 12.91 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

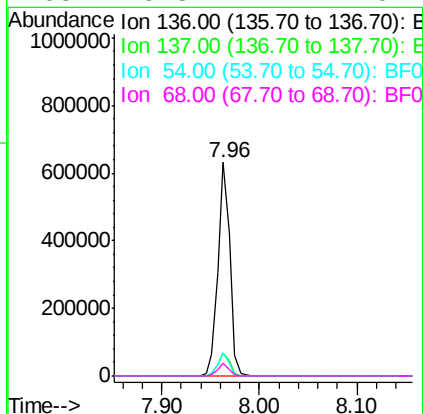
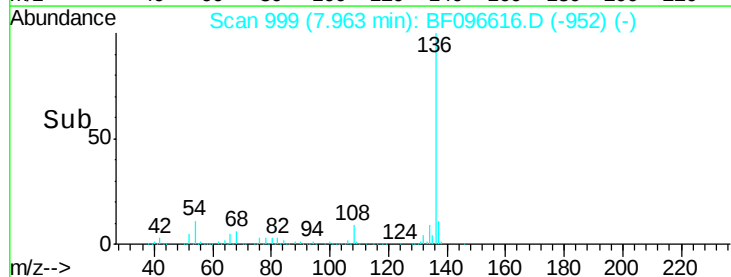
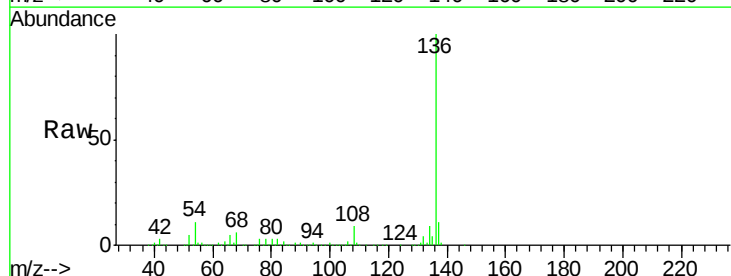
Instrument :
BNA_F
ClientSampleId :

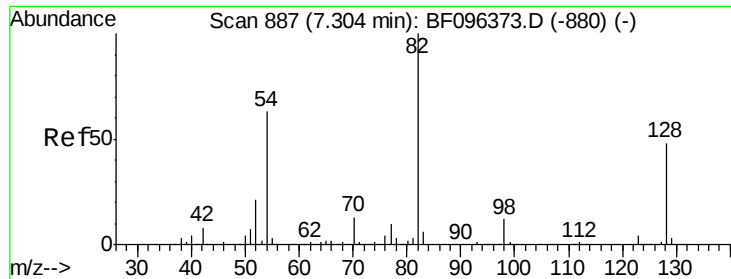
Tot Ion: 70 Resp: 81512
Ion Ratio Lower Upper
70 100
42 60.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Tgt Ion: 136 Resp: 534488
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.6 4.9 7.3#
68 5.8 4.1 6.1

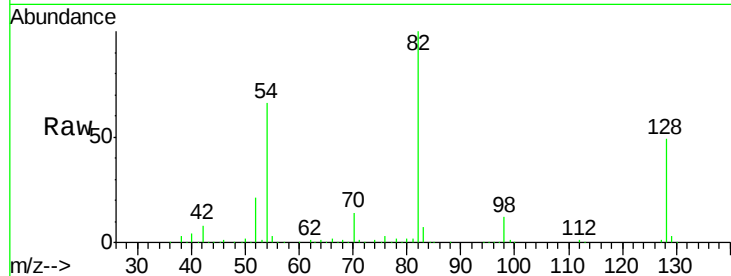




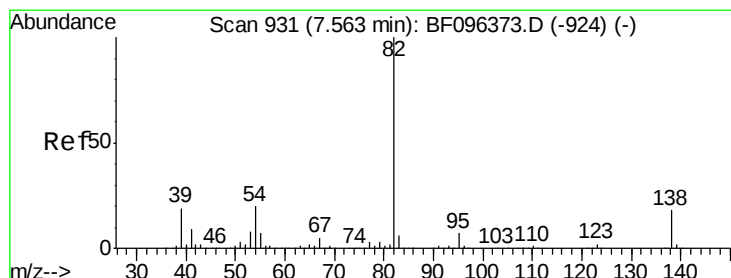
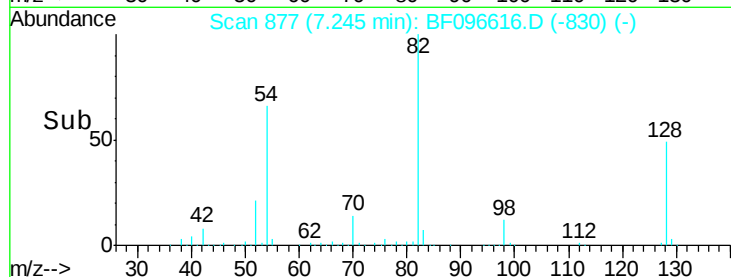
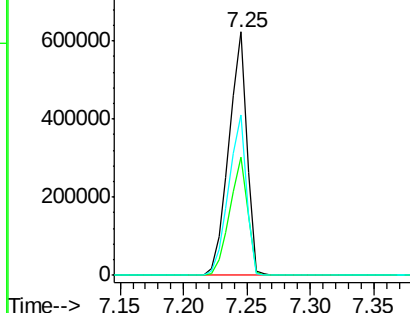
#23
 Nitrobenzene-d5
 Concen: 68.90 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096616.D
 Acq: 10 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 612806
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 65.9 42.2 63.2#

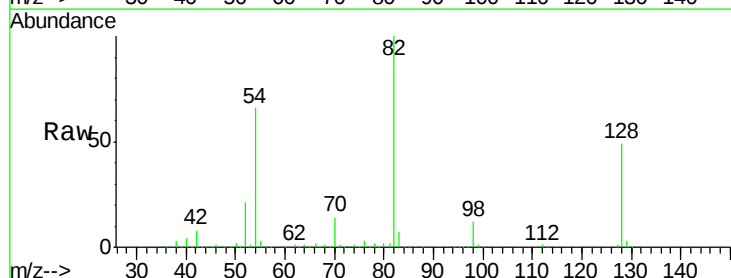


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

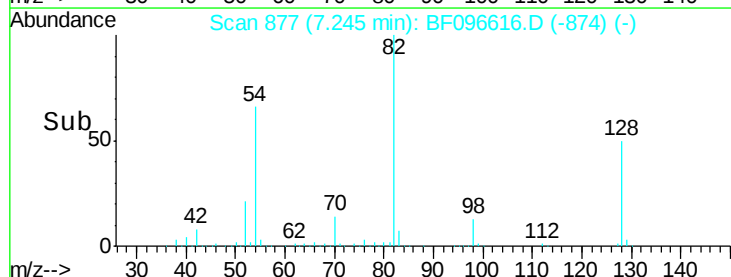
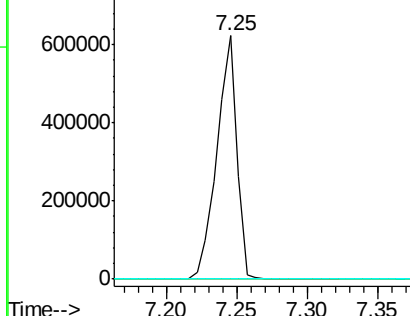


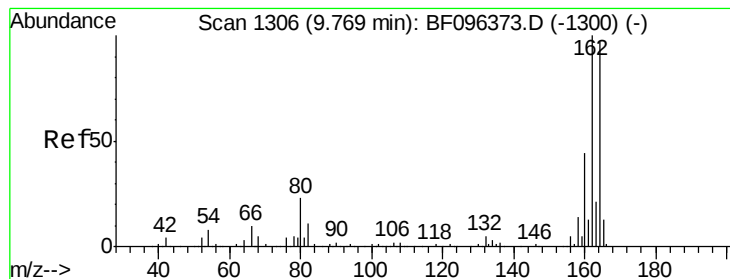
#25
 Isophorone
 Concen: 35.34 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.28 min
 Lab File: BF096616.D
 Acq: 10 Jul 2017 22:16

Tgt Ion: 82 Resp: 609430
 Ion Ratio Lower Upper
 82 100
 95 0.1 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: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

Instrument :

BNA_F

ClientSampleId :

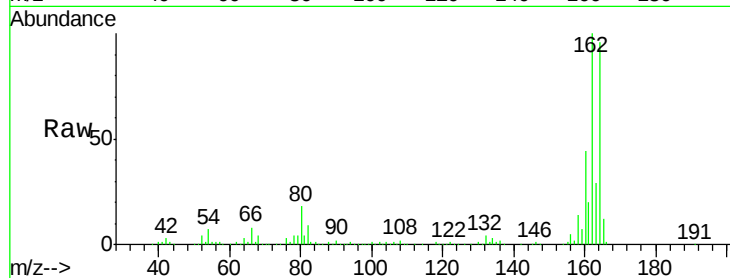
Tot Ion:164 Resp: 210937

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

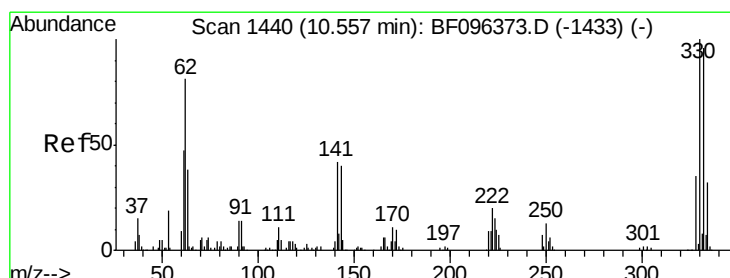
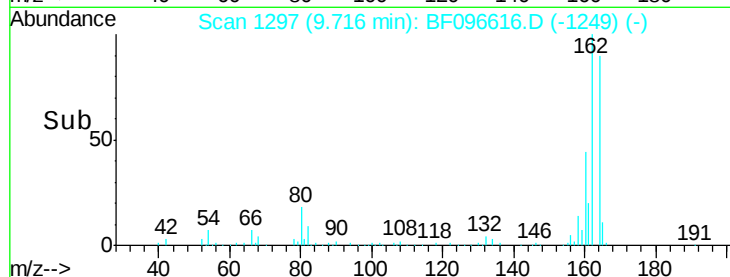
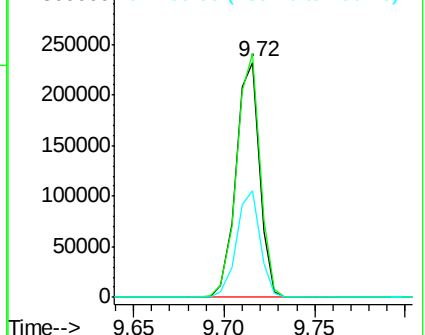
160 45.5 36.2 54.2



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: 92.29 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

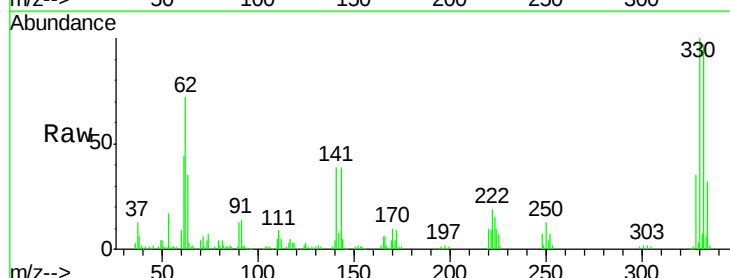
Tgt Ion:330 Resp: 152069

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

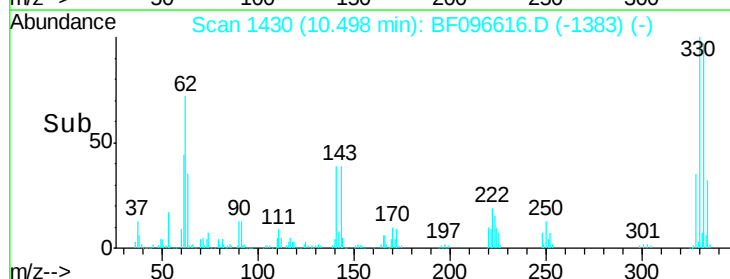
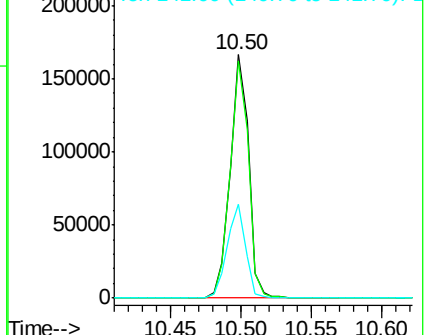
141 38.4 31.4 47.2

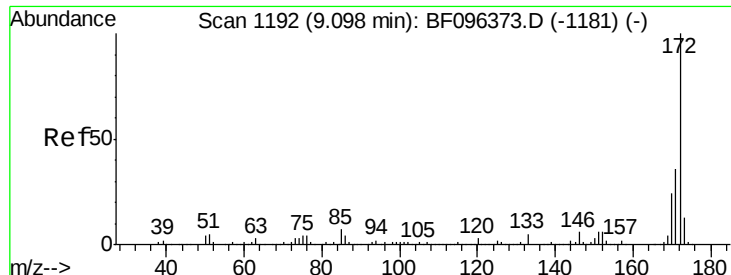


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

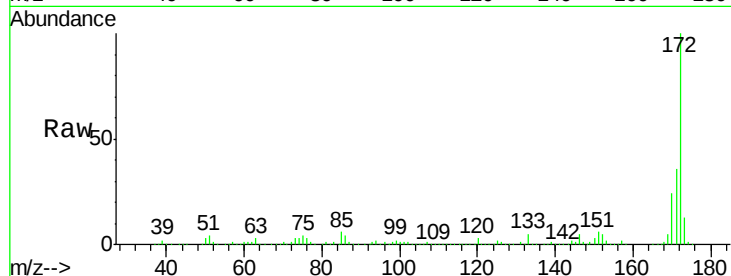




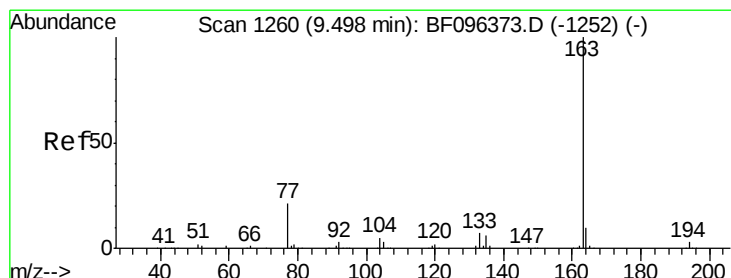
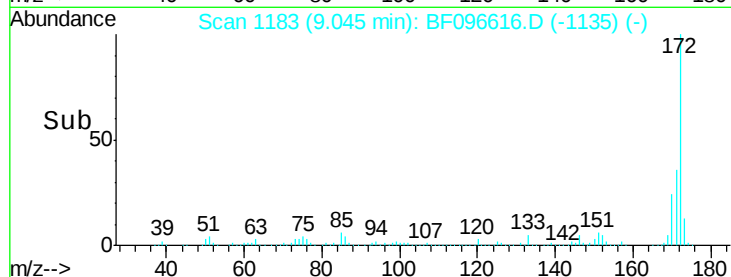
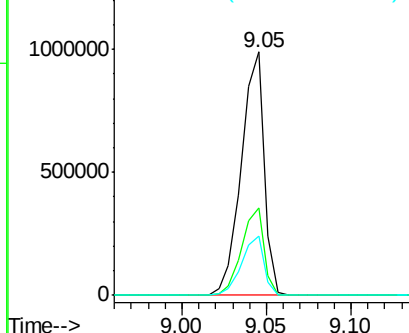
#44
2-Fluorobiphenyl
Concen: 75.82 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 935412
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.8 29.8

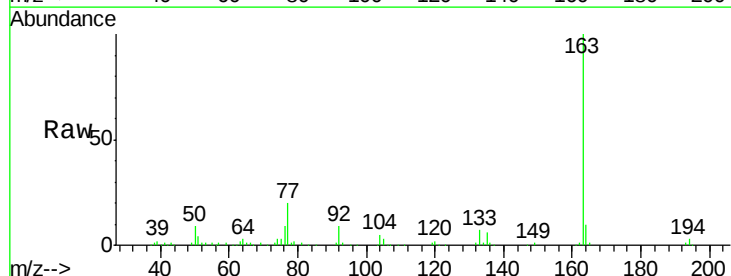


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

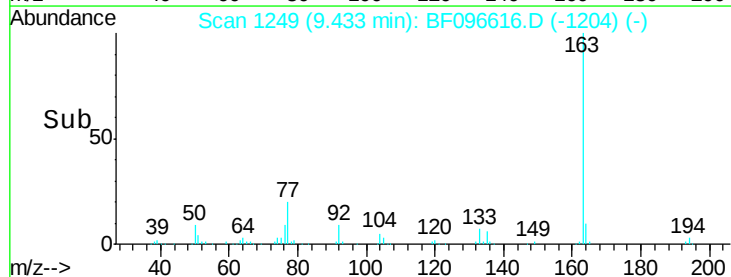
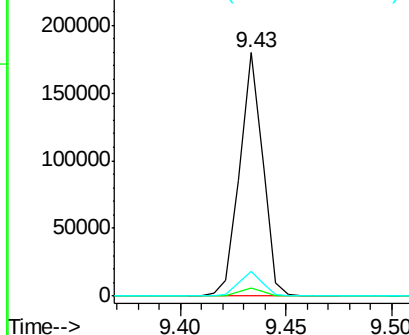


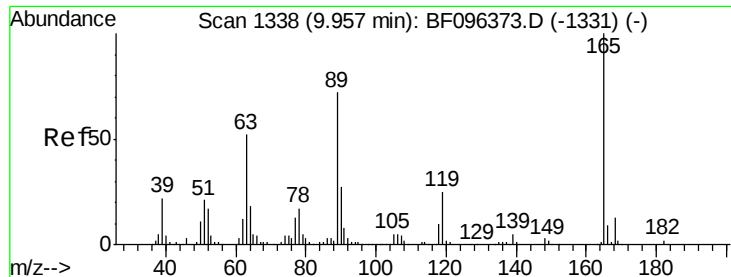
#49
Dimethylphthalate
Concen: 8.64 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Tgt Ion:163 Resp: 136026
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

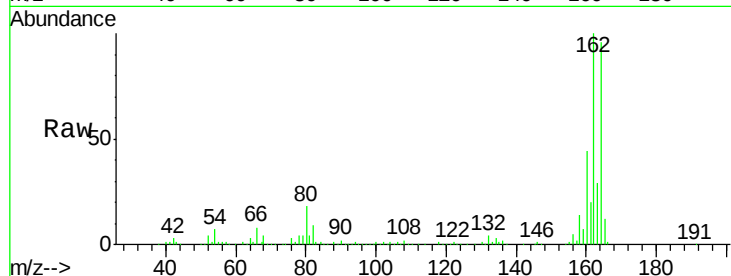




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096616.D
 Acq: 10 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

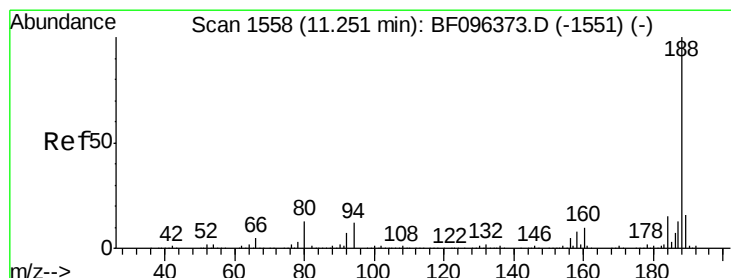
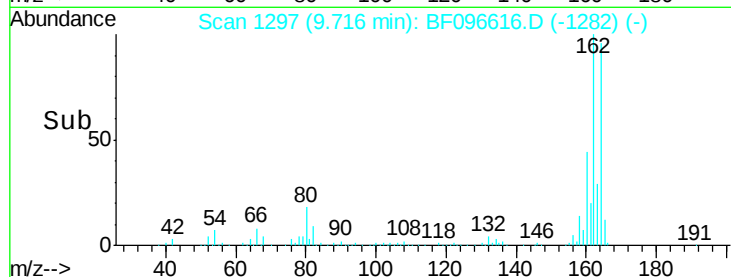
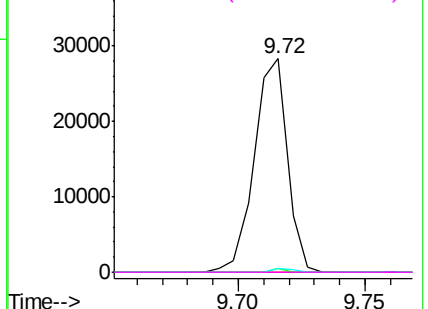


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

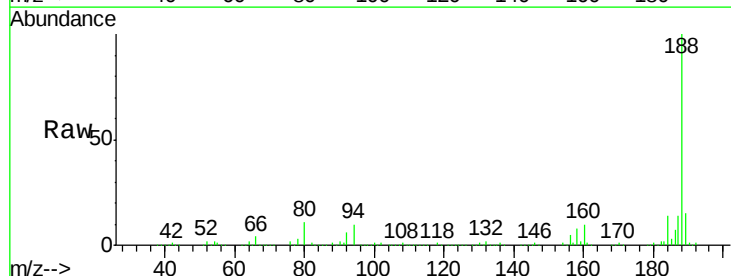
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096616.D
 Acq: 10 Jul 2017 22:16

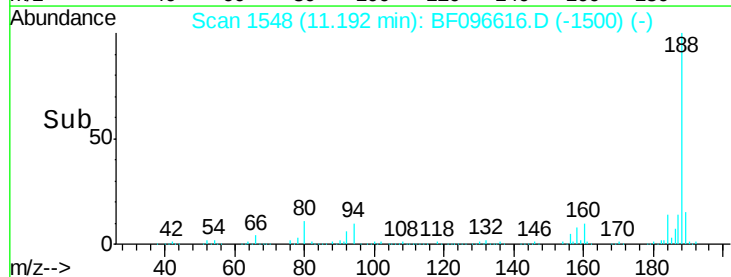
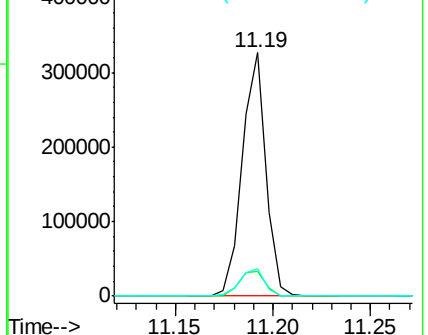
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.0	10.2	15.2

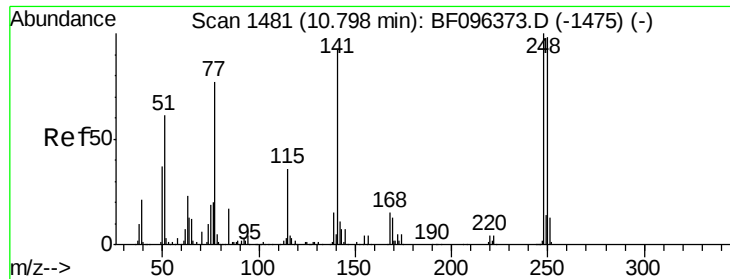


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

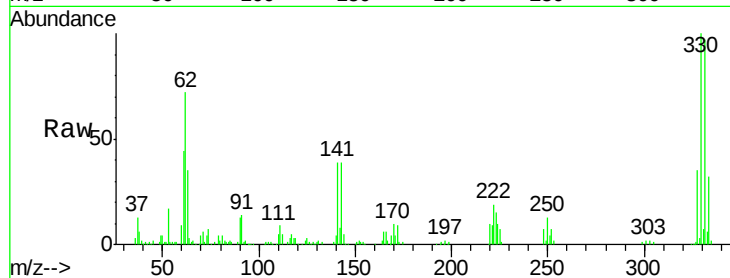




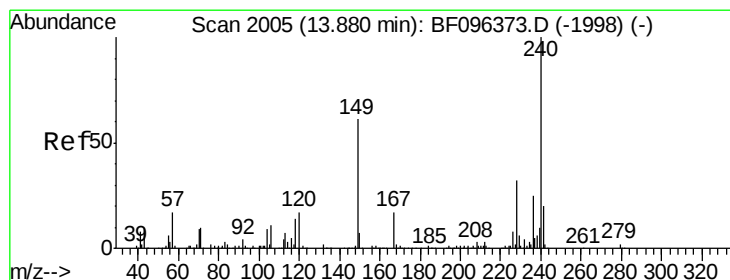
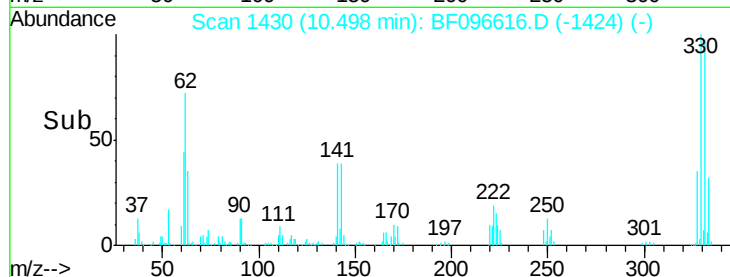
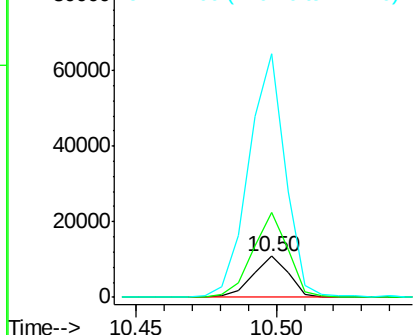
#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9518
Ion Ratio Lower Upper
248 100
250 204.7 76.8 115.2#
141 590.3 68.6 103.0#

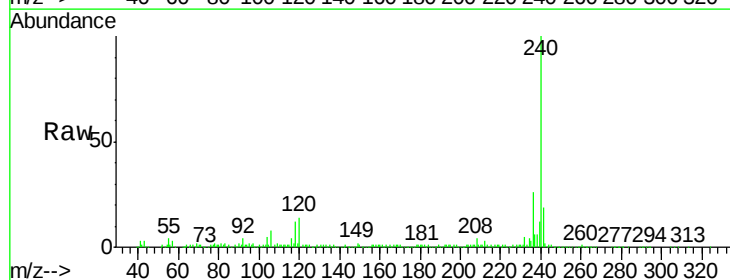


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

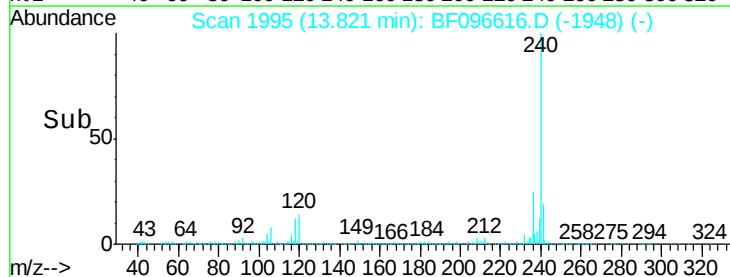
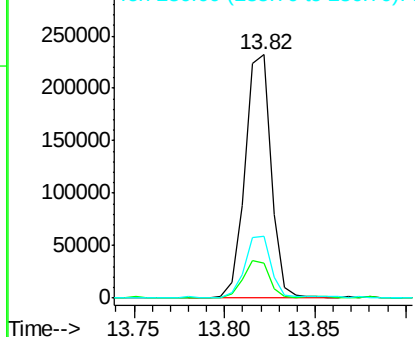


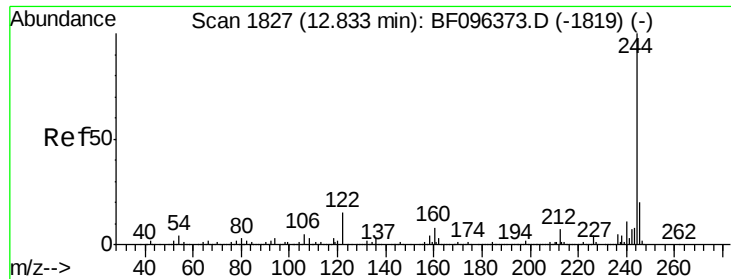
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Tgt Ion:240 Resp: 232469
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 25.5 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

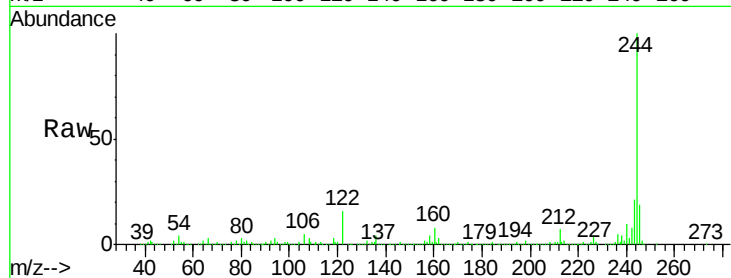




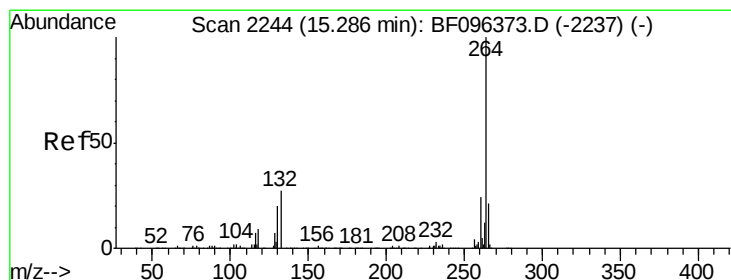
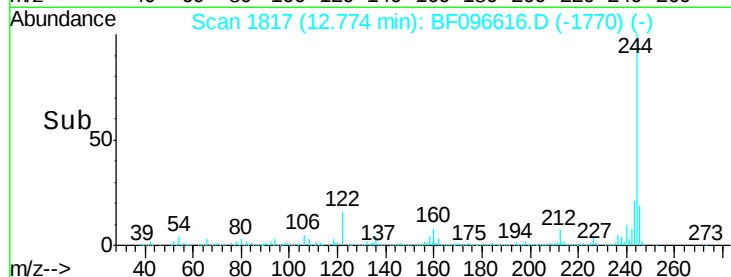
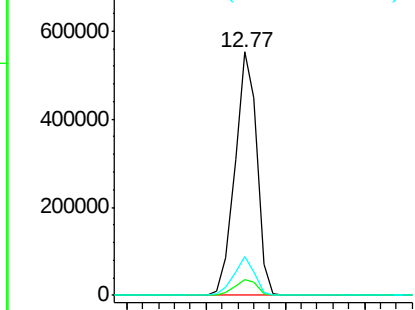
#78
 Terphenyl-d14
 Concen: 48.20 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF096616.D
 Acq: 10 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 524319
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 16.0 10.3 15.5#

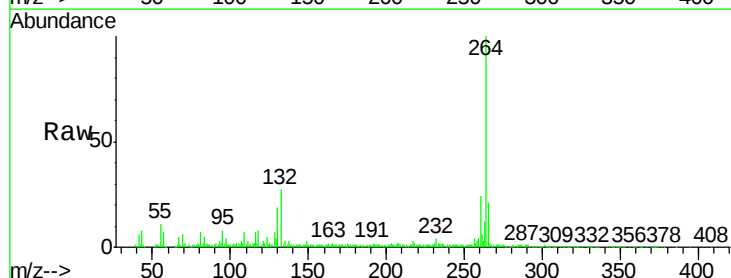


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096616.D
 Acq: 10 Jul 2017 22:16

Tgt Ion:264 Resp: 224770
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.2 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

