

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096619.D
 Acq On : 10 Jul 2017 23:38
 Operator : SJ/JU
 Sample : I4082-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:14:27 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

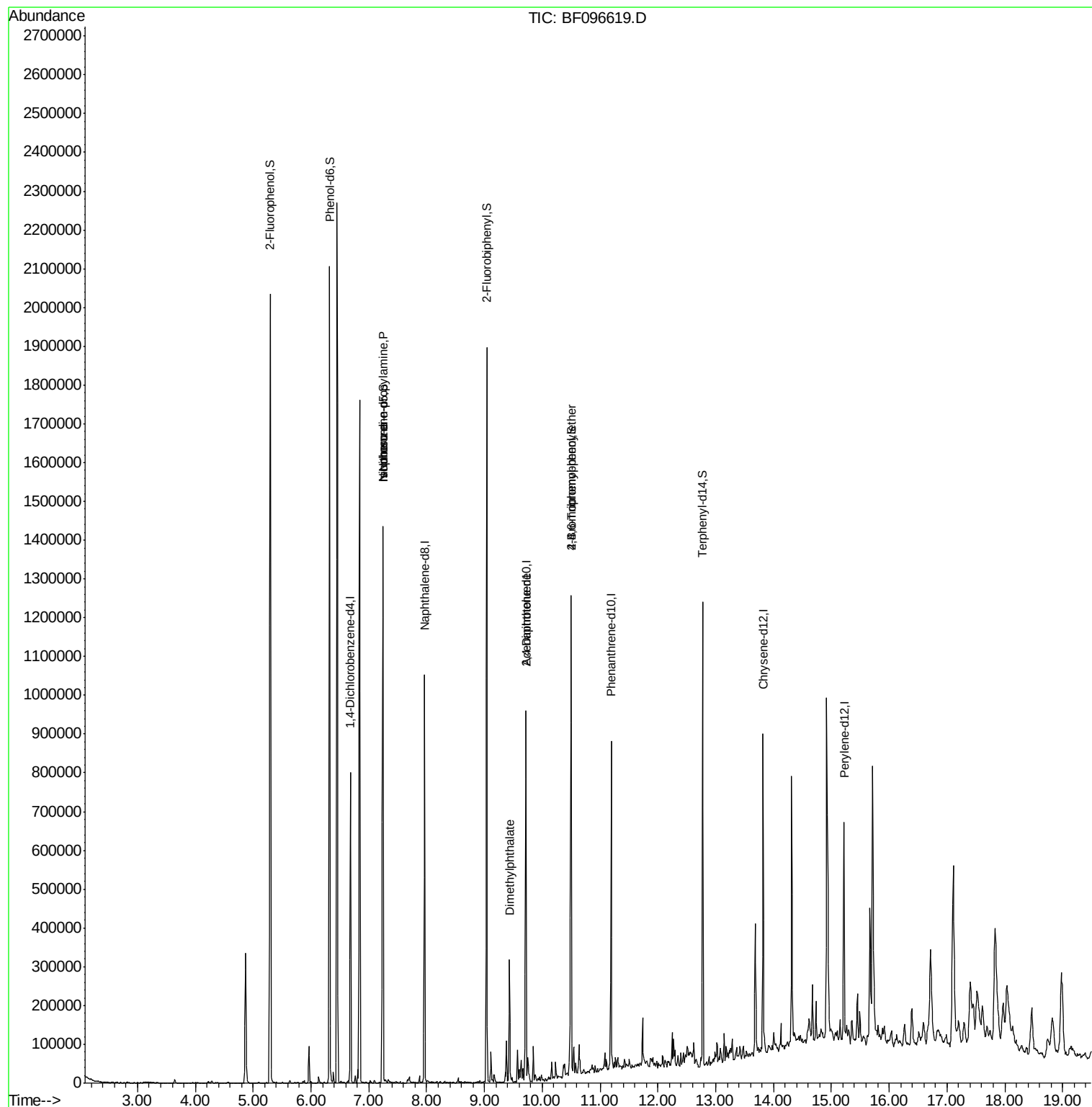
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	111610	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	454169	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	186871	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	291868	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	249790	20.00	ng	-0.02
86) Perylene-d12	15.22	264	242586	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	603278	79.78	ng	-0.01
7) Phenol-d6	6.32	99	706297	75.98	ng	-0.02
23) Nitrobenzene-d5	7.25	82	438776	58.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	132246	90.60	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	587473	53.75	ng	-0.02
78) Terphenyl-d14	12.77	244	333329	28.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	57297	10.35	ng	# 84
25) Isophorone	7.25	82	436127	29.76	ng	# 67
49) Dimethylphthalate	9.43	163	113796	8.16	ng	97
56) 2,4-Dinitrotoluene	9.72	165	24579	6.29	ng	# 32
66) 4-Bromophenyl-phenylether	10.50	248	9122	3.21	ng	# 1

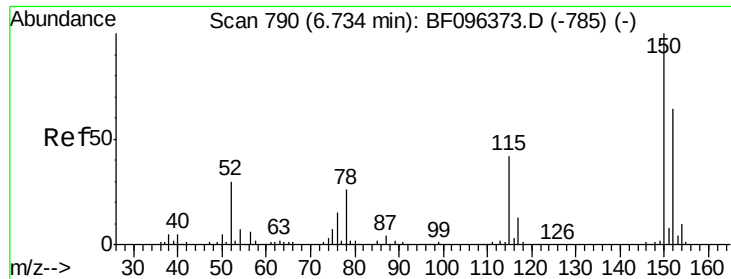
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096619.D
Acq On : 10 Jul 2017 23:38
Operator : SJ/JU
Sample : I4082-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 11 01:14:27 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



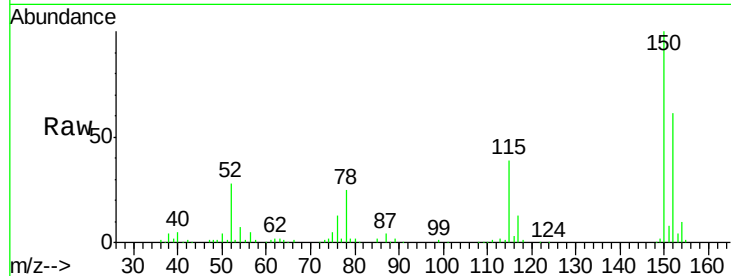


#1

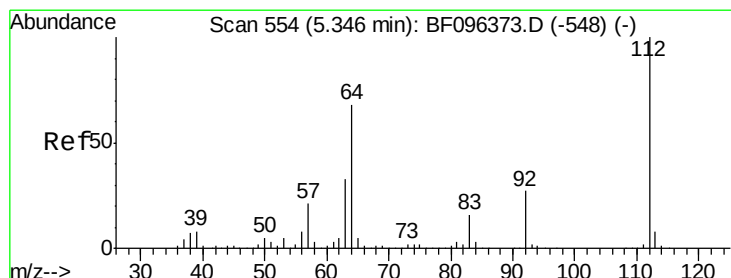
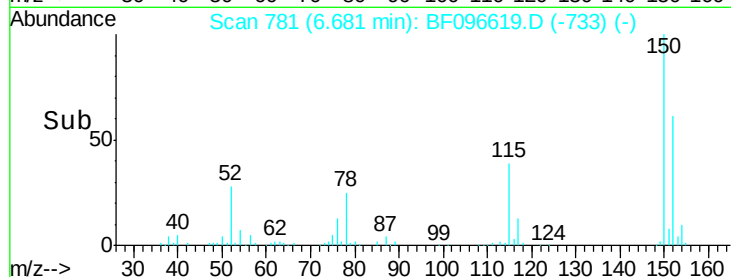
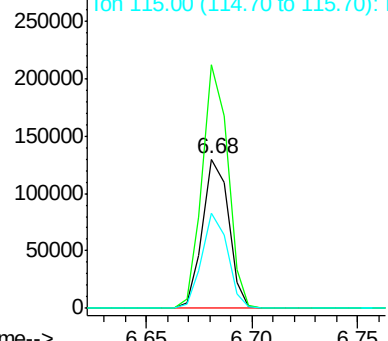
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096619.D
Acq: 10 Jul 2017 23:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111610
Ion Ratio Lower Upper
152 100
150 163.3 126.2 189.2
115 63.5 52.2 78.2



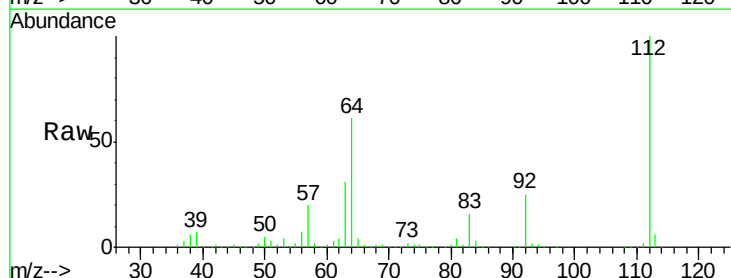
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



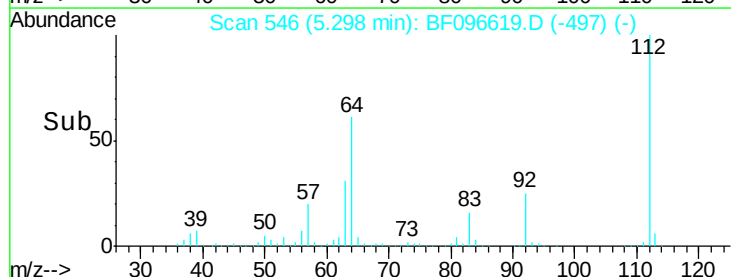
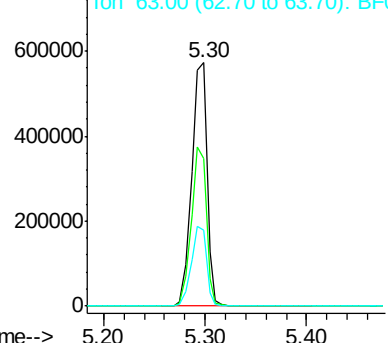
#5

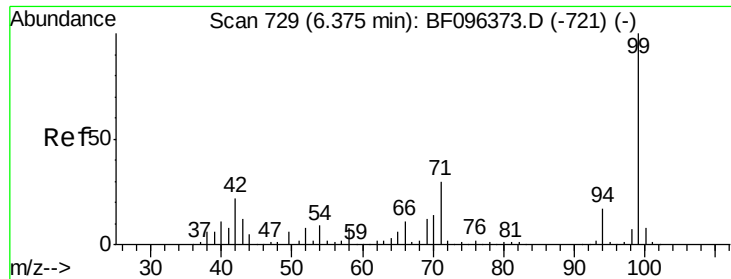
2-Fluorophenol
Concen: 79.78 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096619.D
Acq: 10 Jul 2017 23:38

Tgt Ion:112 Resp: 603278
Ion Ratio Lower Upper
112 100
64 60.6 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: 75.98 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096619.D

Acq: 10 Jul 2017 23:38

Instrument :

BNA_F

ClientSampled :

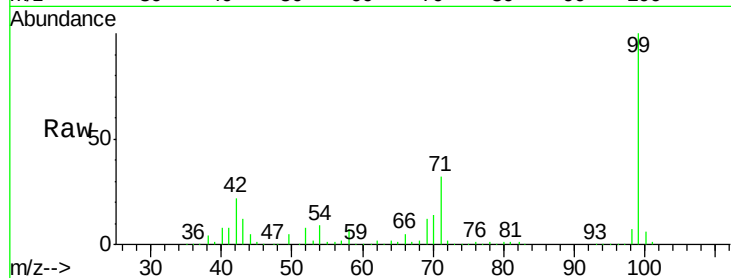
Tot Ion: 99 Resp: 706297

Ion Ratio Lower Upper

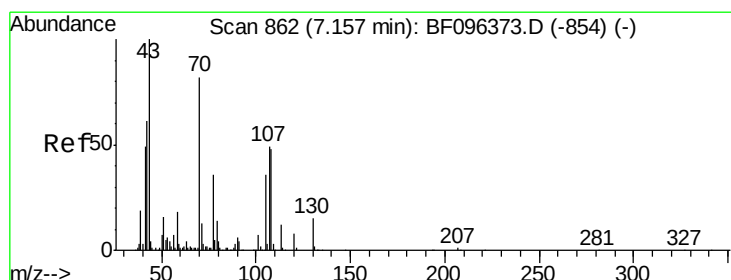
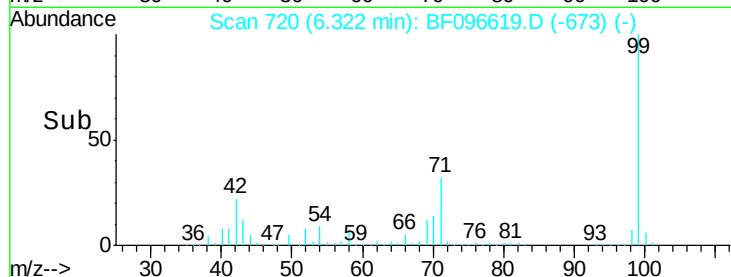
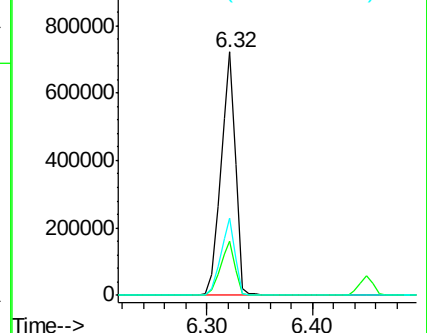
99 100

42 22.1 13.5 20.3#

71 31.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.35 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF096619.D

Acq: 10 Jul 2017 23:38

Tgt Ion: 70 Resp: 57297

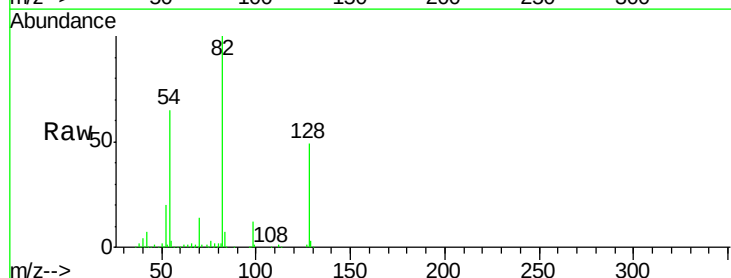
Ion Ratio Lower Upper

70 100

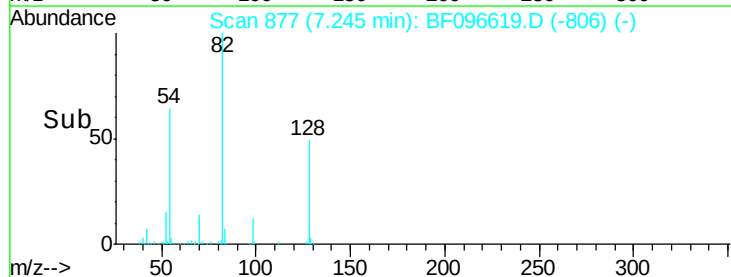
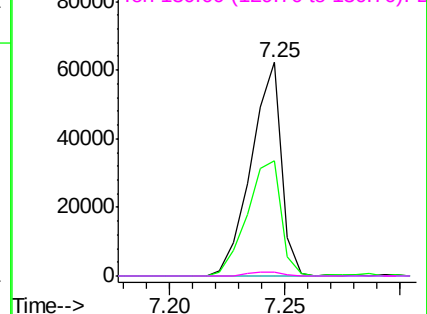
42 54.2 47.2 70.8

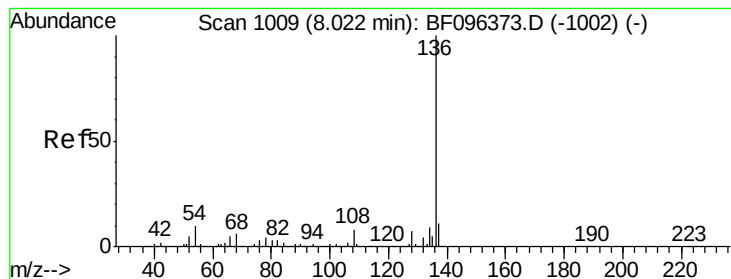
101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096619.D

Acq: 10 Jul 2017 23:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 454169

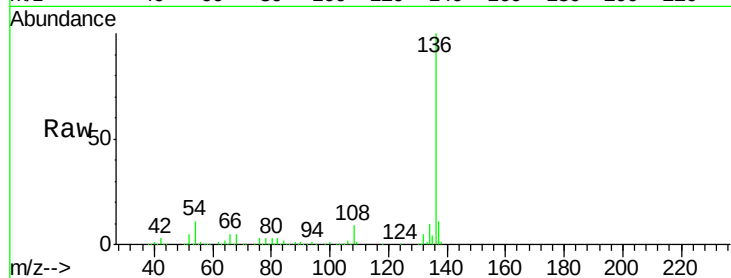
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.7 4.9 7.3#

68 5.3 4.1 6.1

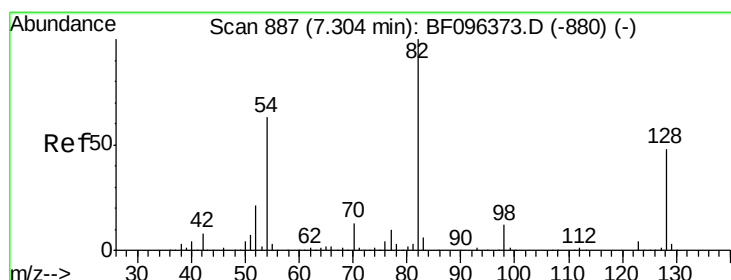
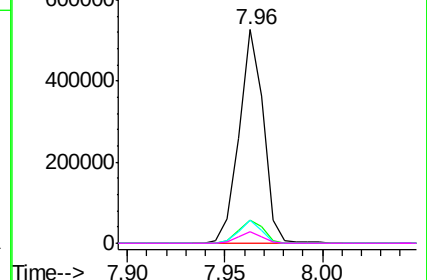
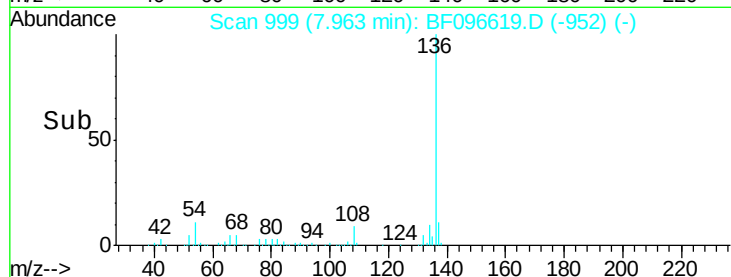


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.05 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096619.D

Acq: 10 Jul 2017 23:38

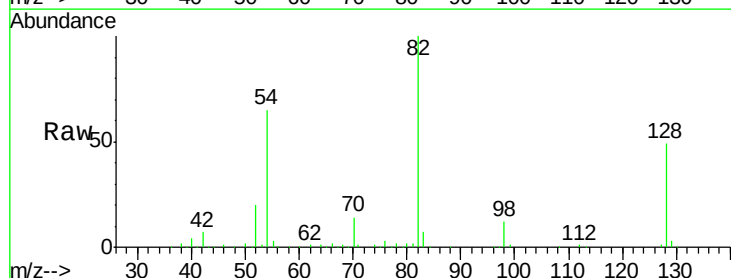
Tgt Ion: 82 Resp: 438776

Ion Ratio Lower Upper

82 100

128 49.4 34.0 51.0

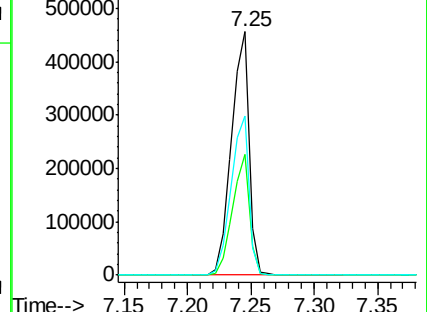
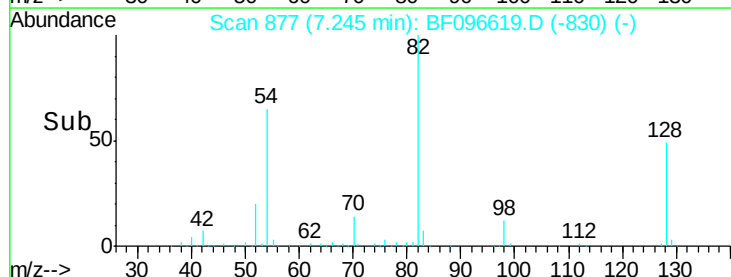
54 65.2 42.2 63.2#

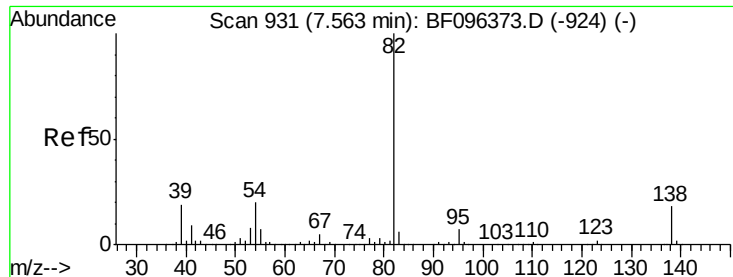


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

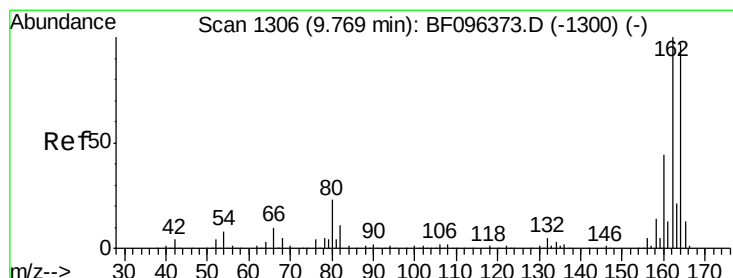
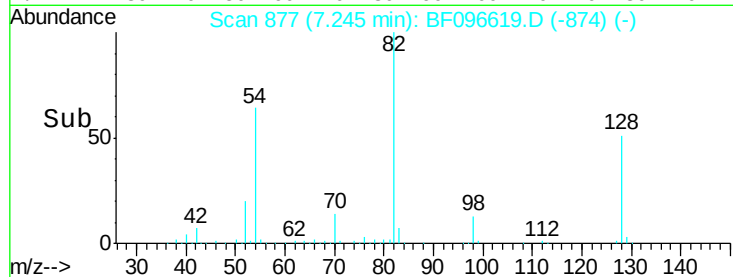
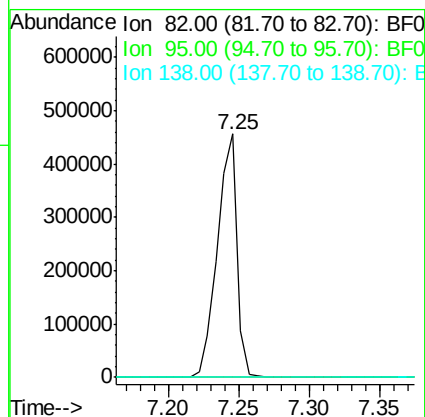
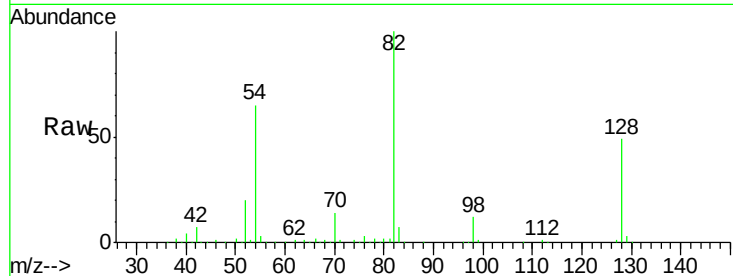




#25
Isophorone
Concen: 29.76 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096619.D
Acq: 10 Jul 2017 23:38

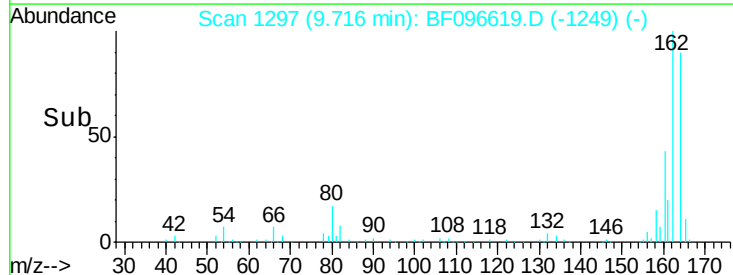
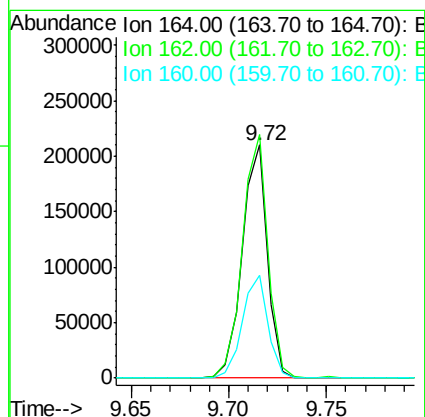
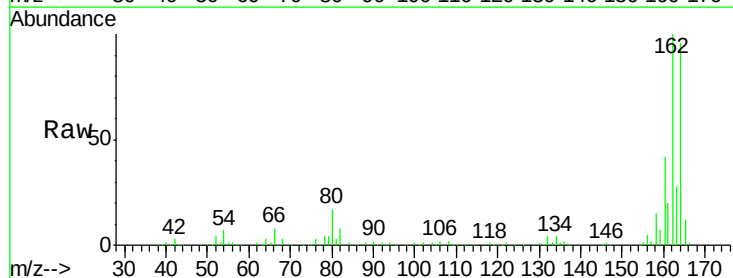
Instrument :
BNA_F
ClientSampleId :

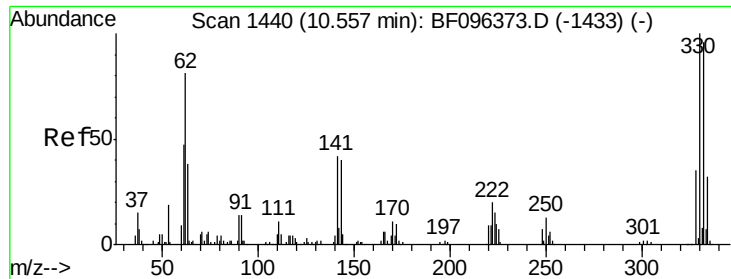
Tot Ion: 82 Resp: 436127
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096619.D
Acq: 10 Jul 2017 23:38

Tgt Ion: 164 Resp: 186871
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 44.2 36.2 54.2

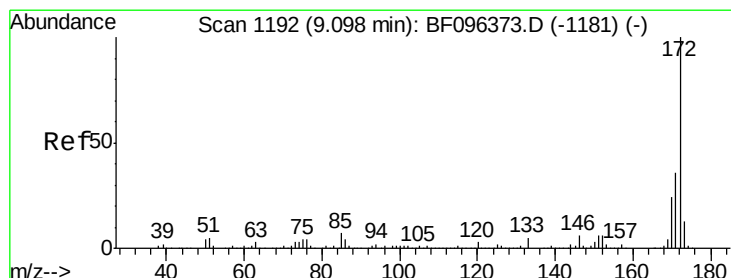
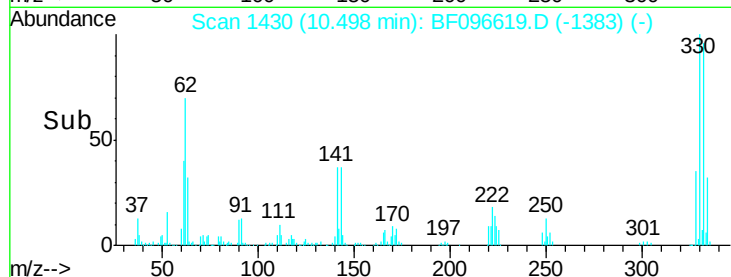
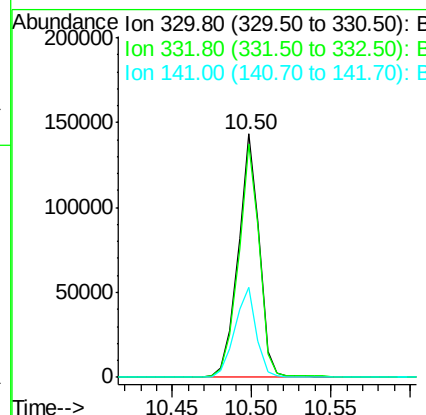
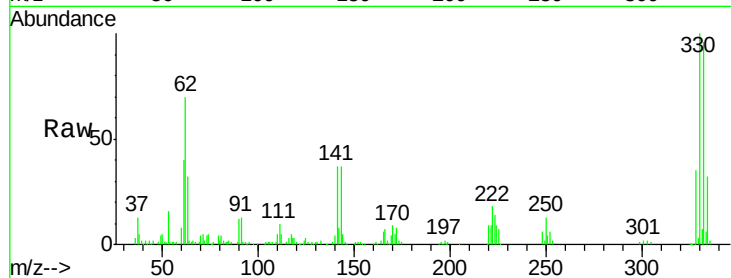




#41
 2,4,6-Tribromophenol
 Concen: 90.60 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096619.D
 Acq: 10 Jul 2017 23:38

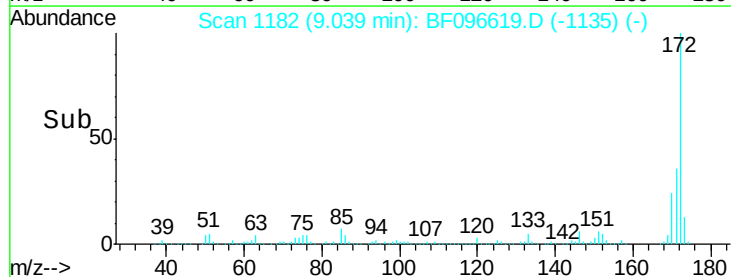
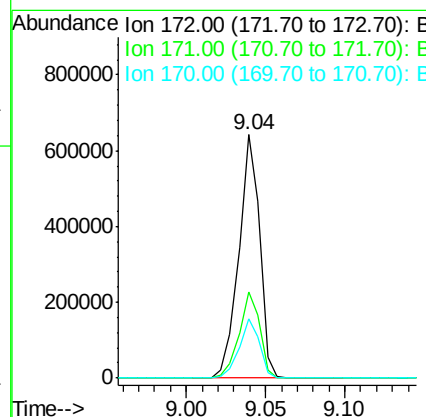
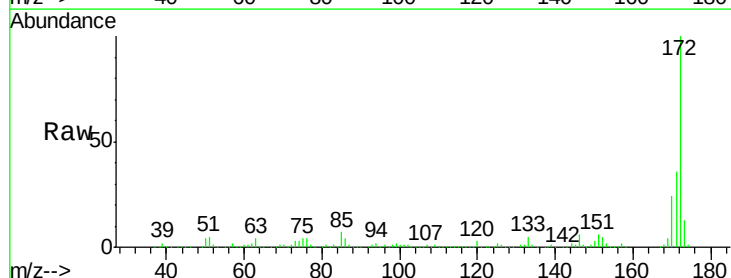
Instrument :
 BNA_F
 ClientSampleId :

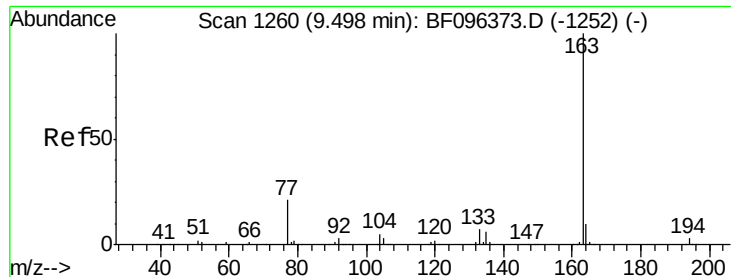
Tot Ion:330 Resp: 132246
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 37.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 53.75 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096619.D
 Acq: 10 Jul 2017 23:38

Tgt Ion:172 Resp: 587473
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.3 19.8 29.8

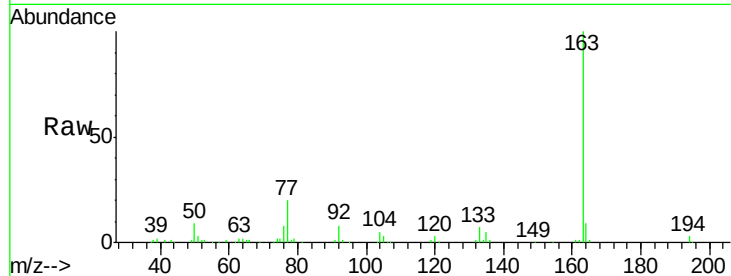




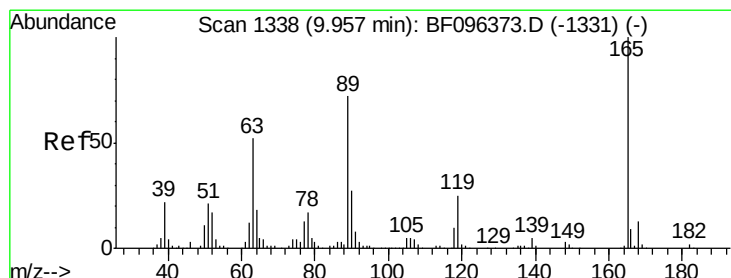
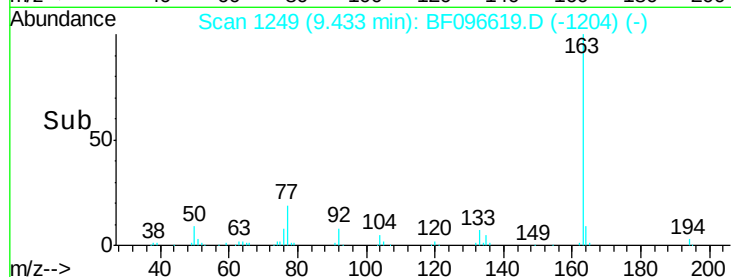
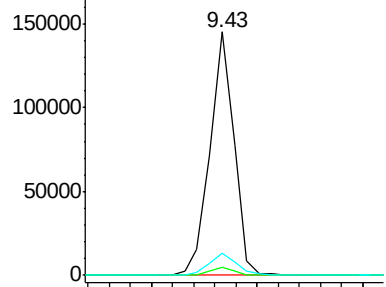
#49
Dimethylphthalate
Concen: 8.16 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096619.D
Acq: 10 Jul 2017 23:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.2	8.4	12.6

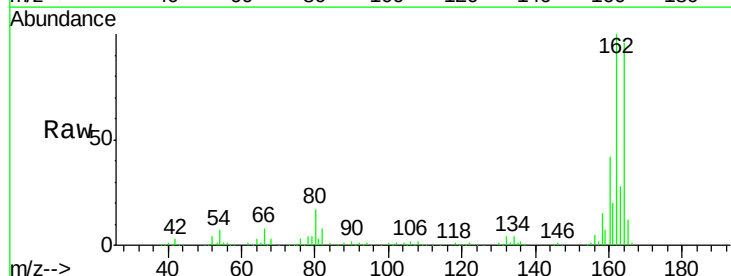


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

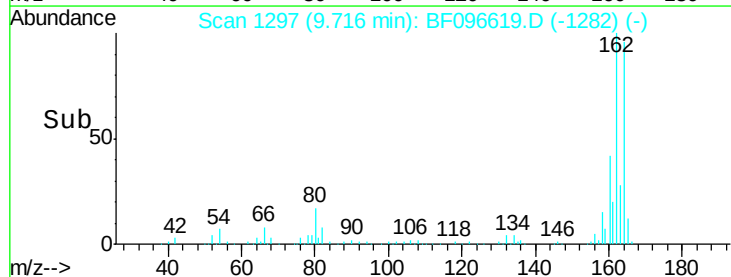
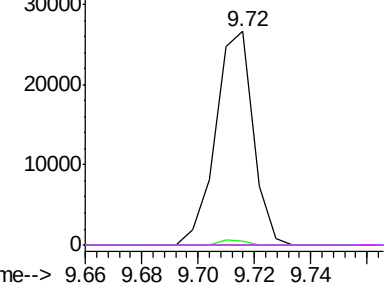


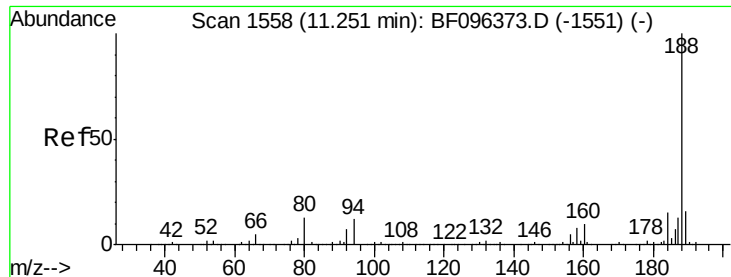
#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096619.D
Acq: 10 Jul 2017 23:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

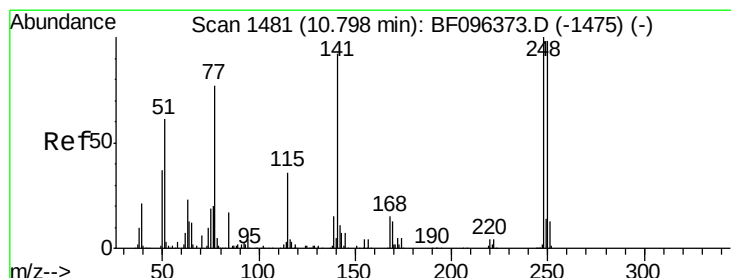
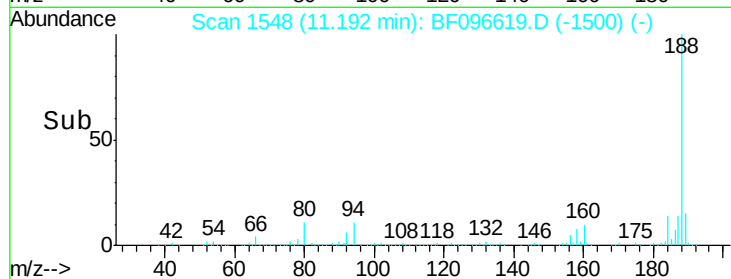
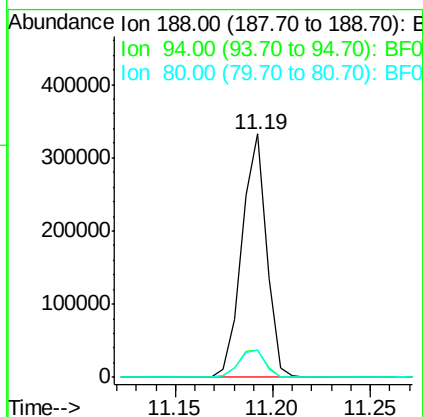
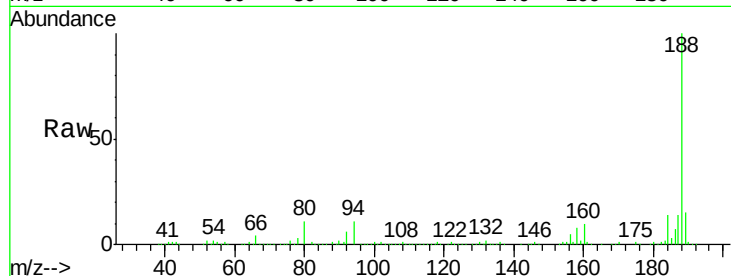




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096619.D
 Acq: 10 Jul 2017 23:38

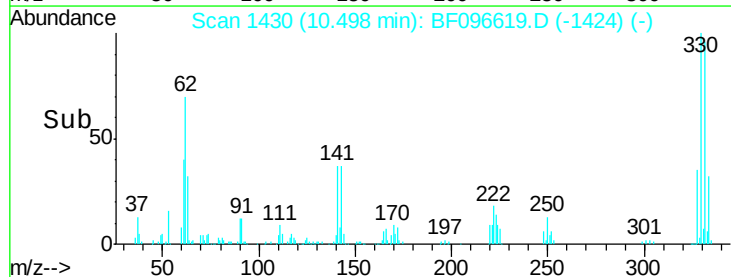
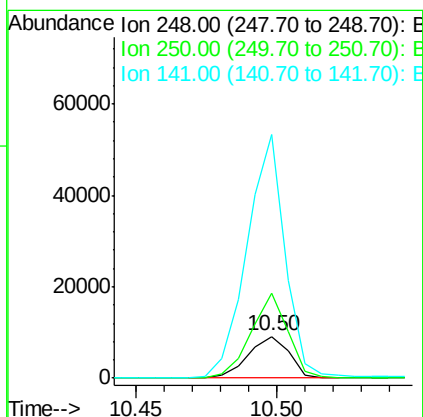
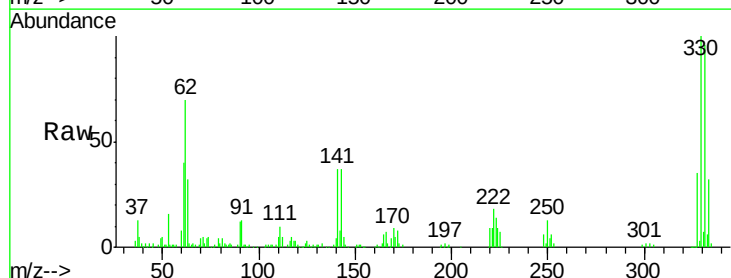
Instrument :
 BNA_F
 ClientSampleId :

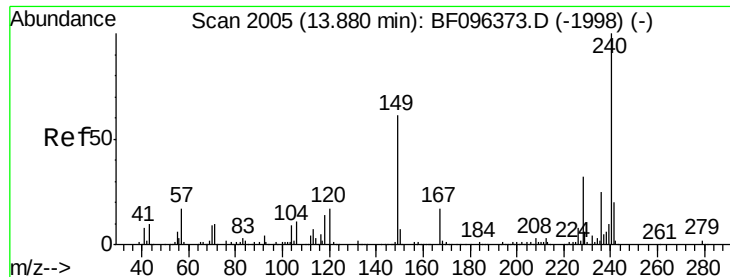
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.0	10.2	15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.21 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF096619.D
 Acq: 10 Jul 2017 23:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.0	76.8	115.2#
141	585.4	68.6	103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096619.D

Acq: 10 Jul 2017 23:38

Instrument :

BNA_F

ClientSampleId :

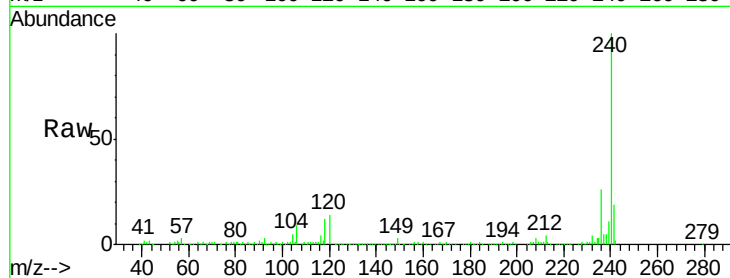
Tot Ion:240 Resp: 249790

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

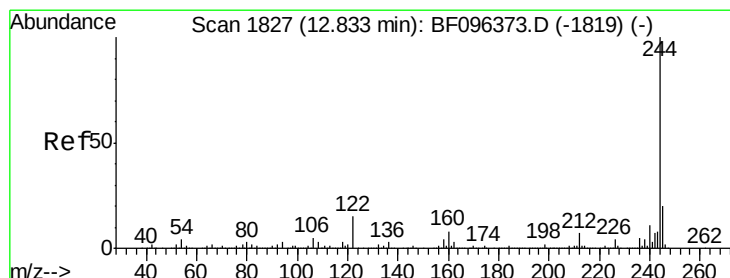
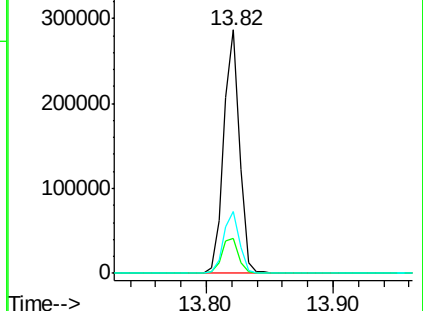
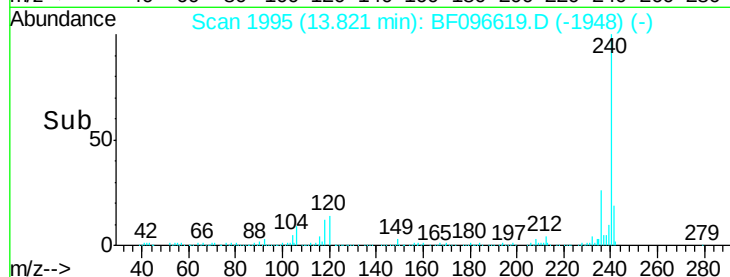
236 25.6 20.5 30.7



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: 28.51 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF096619.D

Acq: 10 Jul 2017 23:38

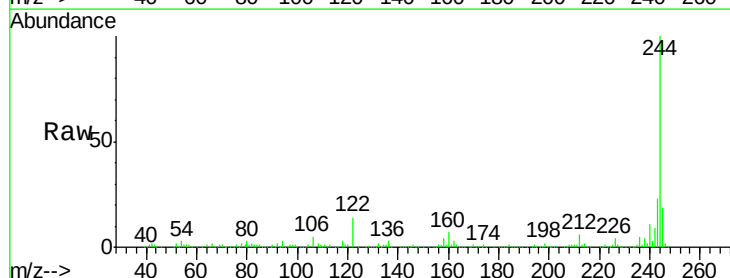
Tgt Ion:244 Resp: 333329

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

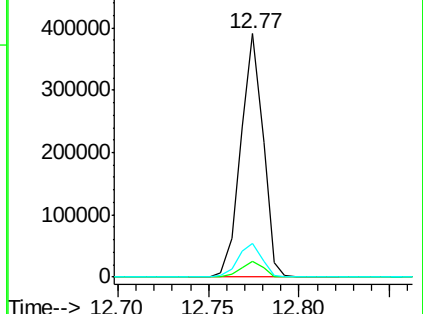
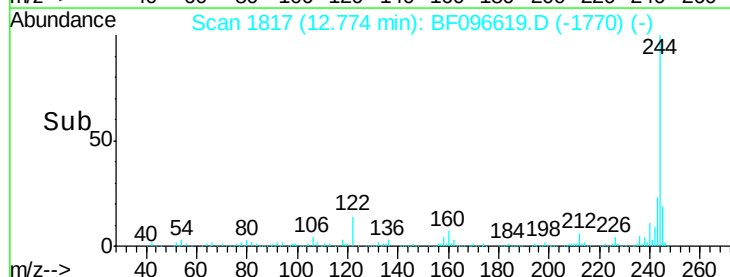
122 14.0 10.3 15.5

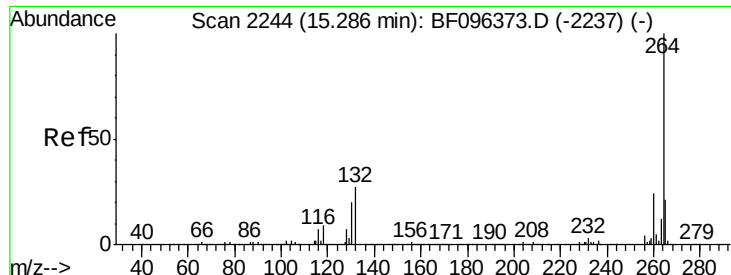


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

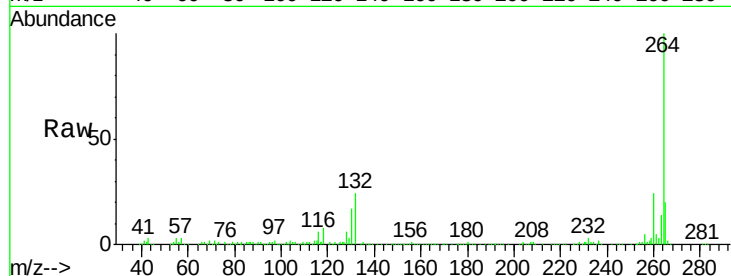




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BF096619.D
Acq: 10 Jul 2017 23:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.5	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

