

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096615.D
 Acq On : 10 Jul 2017 21:48
 Operator : SJ/JU
 Sample : I4078-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:13:03 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

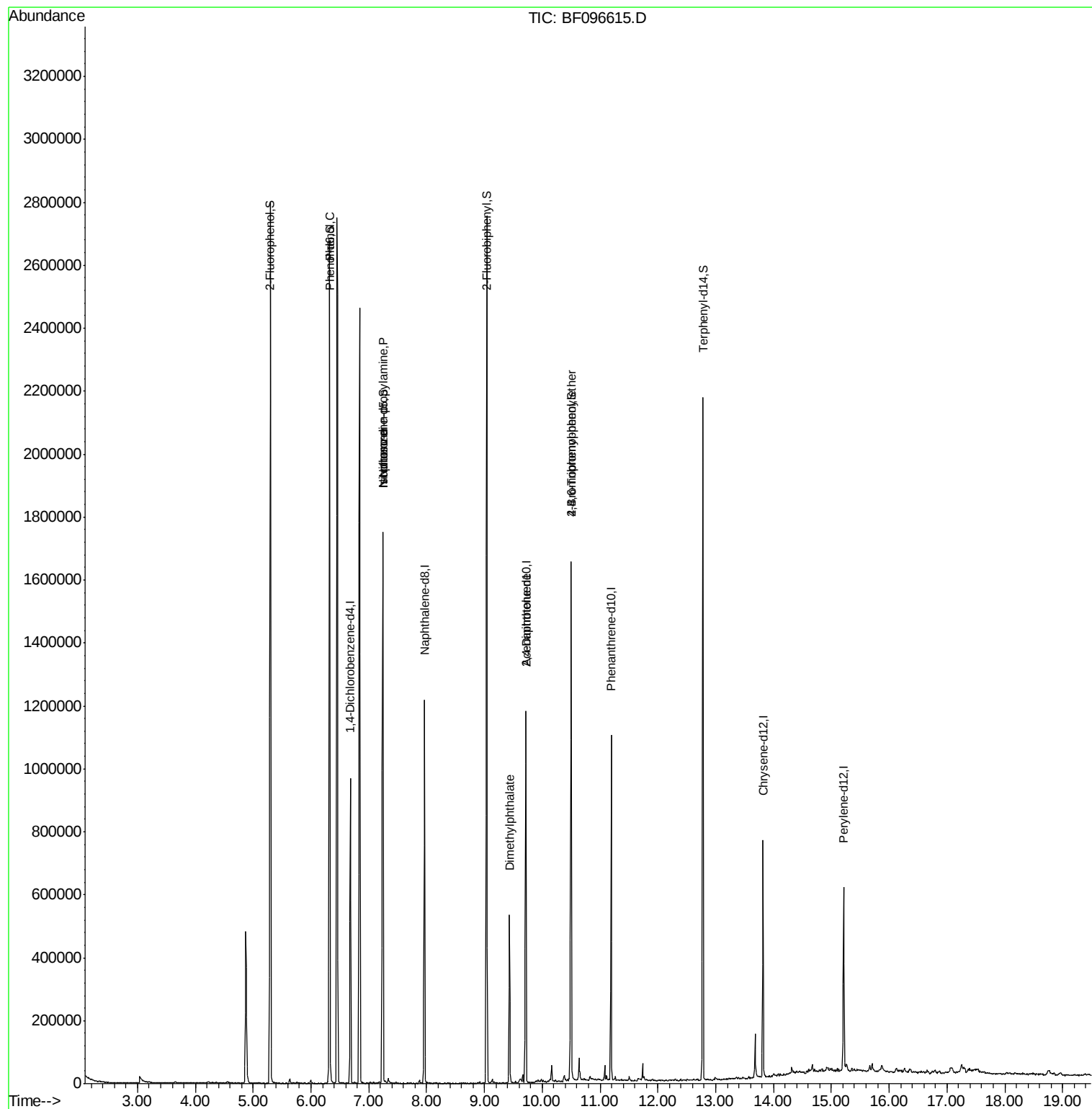
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	132849	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	551555	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	244810	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	387728	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	252507	20.00	ng	-0.03
86) Perylene-d12	15.22	264	234198	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	804612	89.39	ng	-0.01
7) Phenol-d6	6.32	99	1072264	96.90	ng	-0.02
23) Nitrobenzene-d5	7.25	82	591378	64.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	198826	103.97	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1049326	73.29	ng	-0.02
78) Terphenyl-d14	12.78	244	718955	60.84	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	31971	2.54	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.25	70	77685	11.78	ng	# 89
25) Isophorone	7.25	82	590682	33.19	ng	# 67
49) Dimethylphthalate	9.43	163	202421	11.08	ng	100
56) 2,4-Dinitrotoluene	9.72	165	30877	6.03	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	12744	3.38	ng	# 1

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

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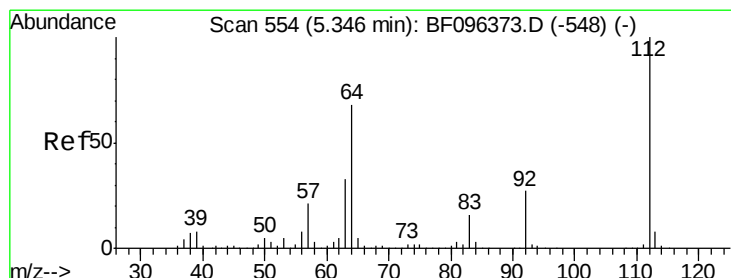
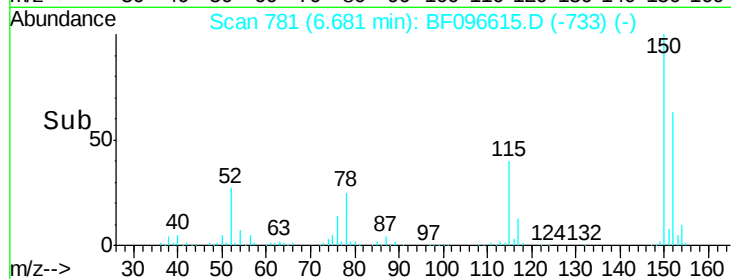
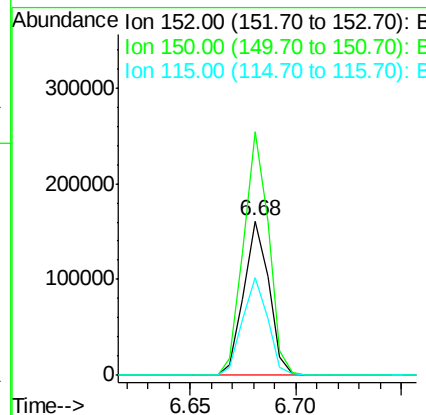
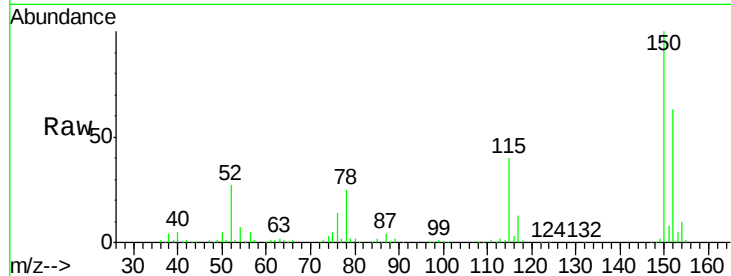


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :

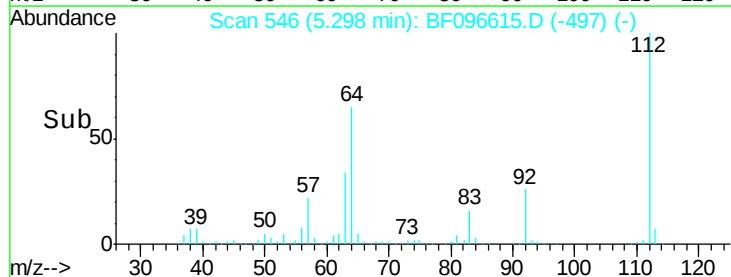
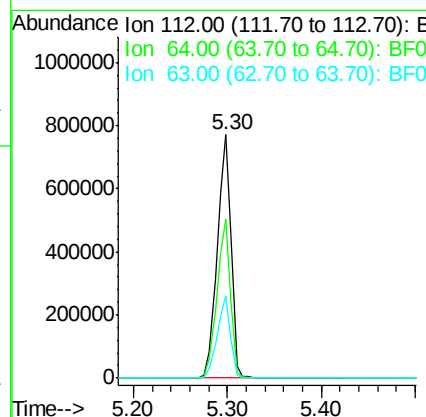
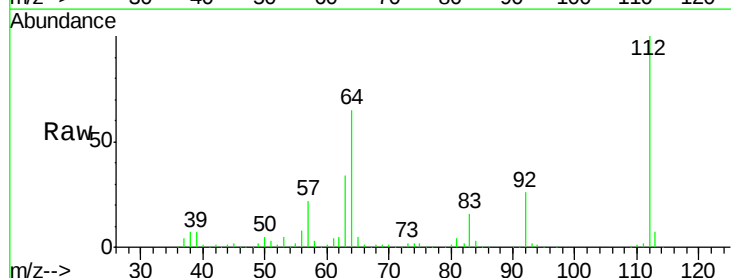
Tot Ion:152 Resp: 132849
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 63.2 52.2 78.2



#5

2-Fluorophenol
Concen: 89.39 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:112 Resp: 804612
Ion Ratio Lower Upper
112 100
64 65.2 46.0 69.0
63 34.0 23.4 35.0





#7

Phenol-d6

Concen: 96.90 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

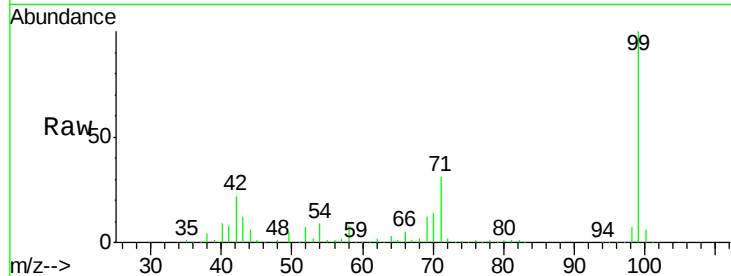
Instrument :

BNA_F

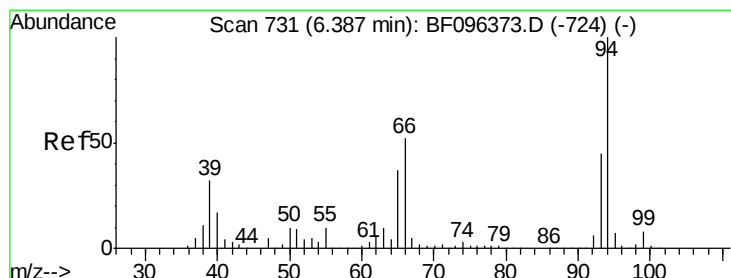
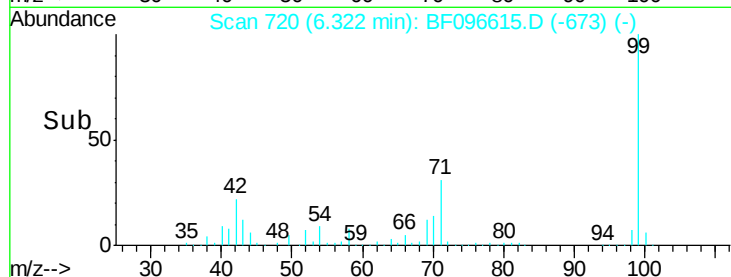
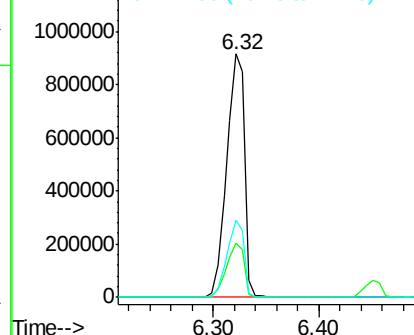
ClientSampleId :

Tot Ion: 99 Resp: 1072264

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.5	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: 2.54 ng

RT: 6.33 min Scan# 722

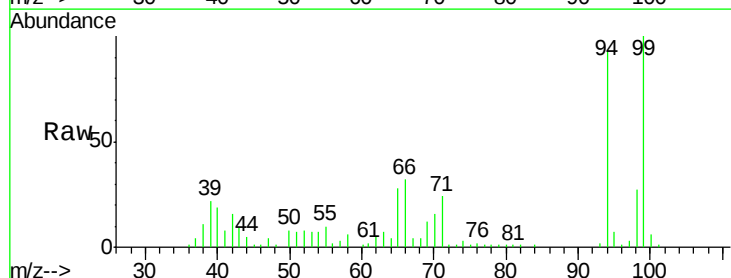
Delta R.T. -0.02 min

Lab File: BF096615.D

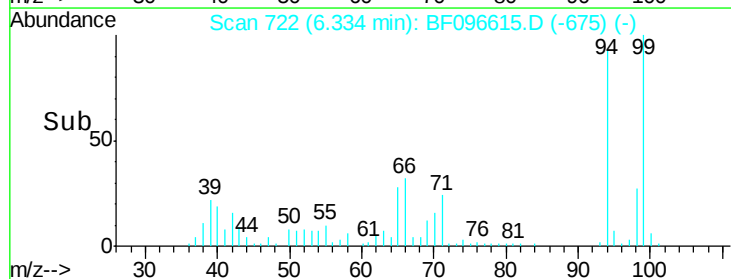
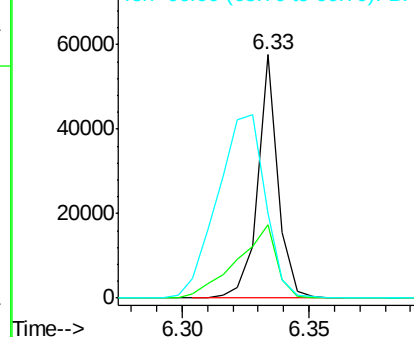
Acq: 10 Jul 2017 21:48

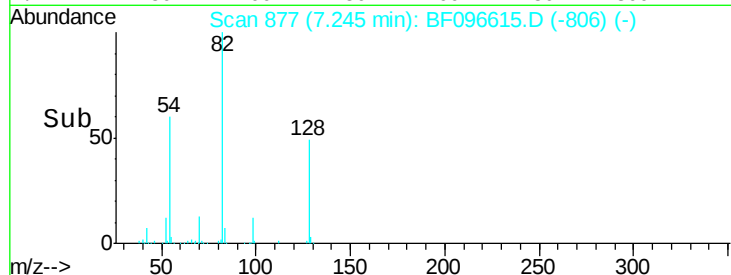
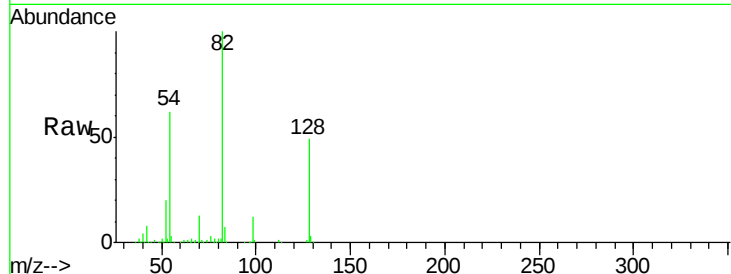
Tgt Ion: 94 Resp: 31971

Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.9	49.9
66	34.8	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

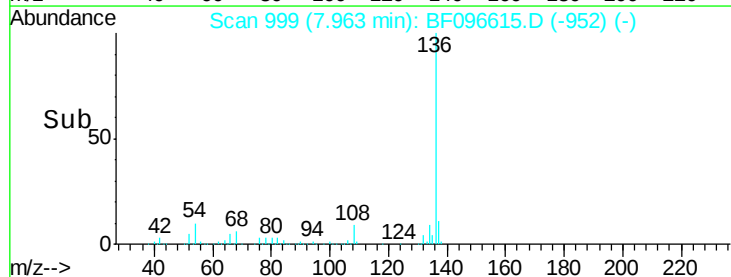
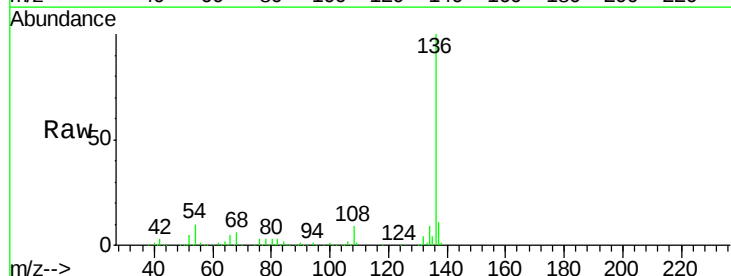
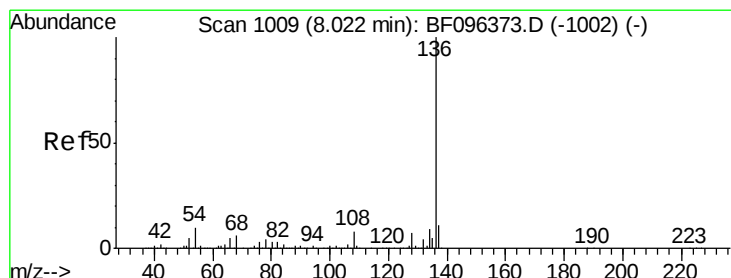
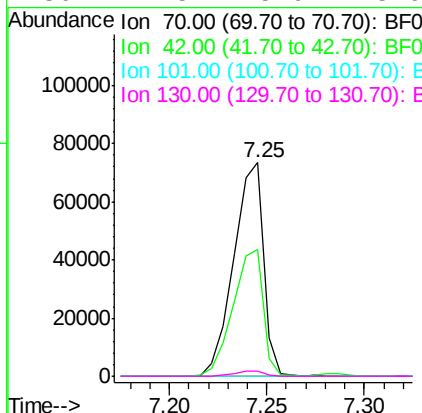




#19
n-Nitroso-di-n-propylamine
Concen: 11.78 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

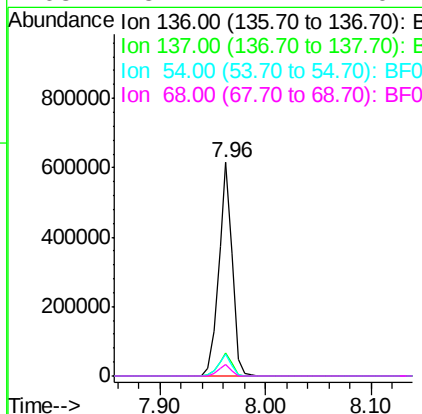
Instrument :
BNA_F
ClientSampleId :

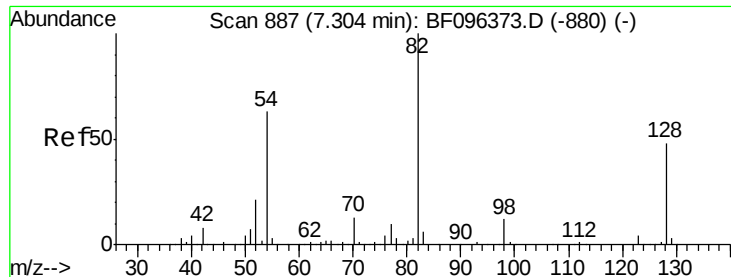
Tot Ion:	70	Resp:	77685
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:	136	Resp:	551555
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.3	4.9	7.3#
68	5.7	4.1	6.1

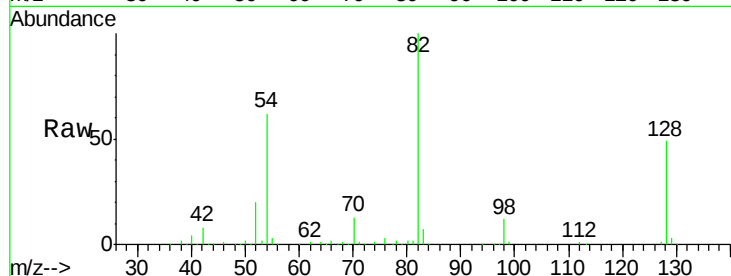




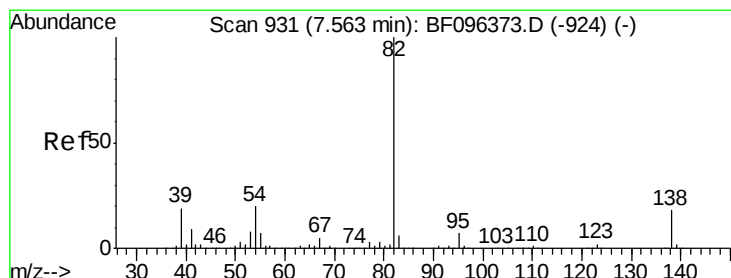
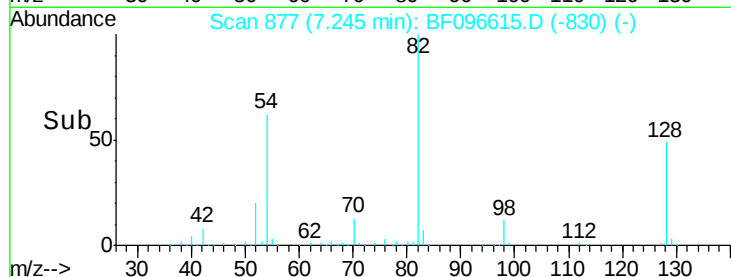
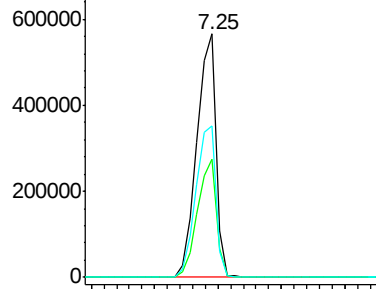
#23
Nitrobenzene-d5
Concen: 64.43 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 591378
Ion Ratio Lower Upper
82 100
128 48.7 34.0 51.0
54 62.0 42.2 63.2

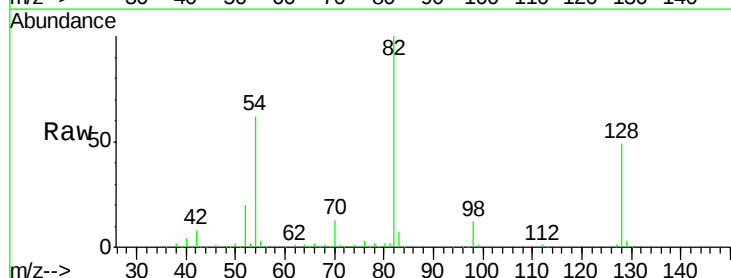


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

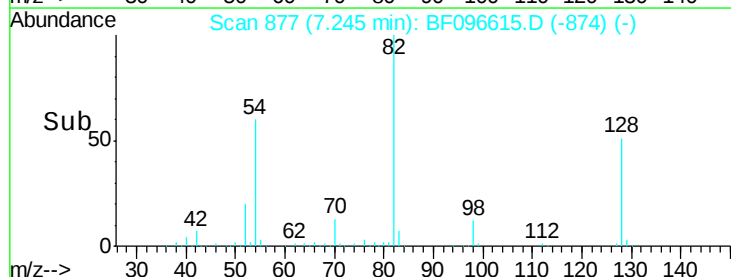
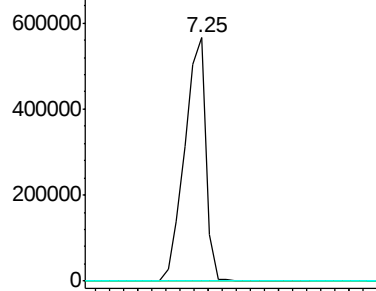


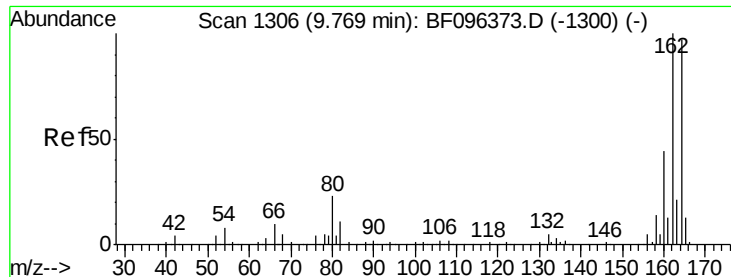
#25
Isophorone
Concen: 33.19 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion: 82 Resp: 590682
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: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

Instrument :

BNA_F

ClientSampleId :

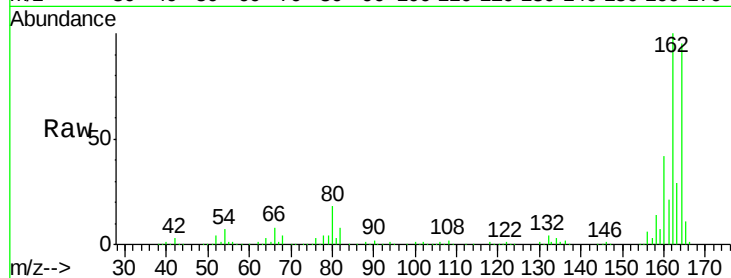
Tot Ion:164 Resp: 244810

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

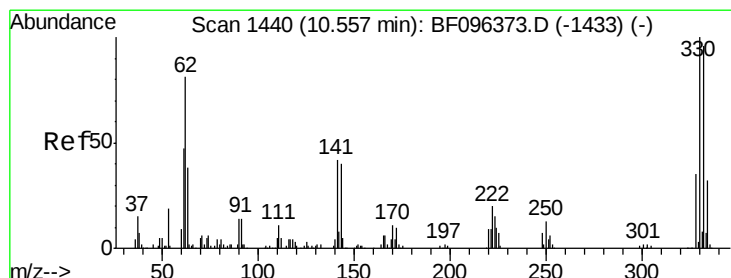
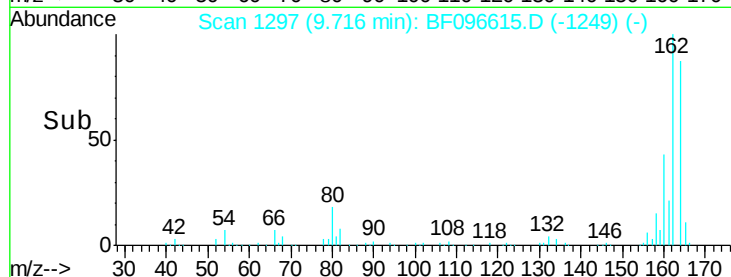
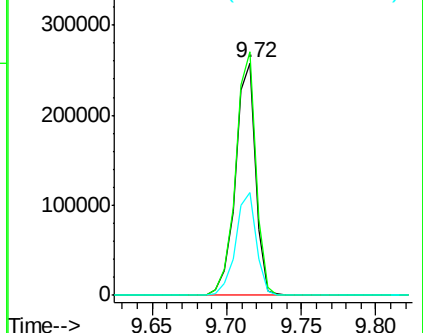
160 44.3 36.2 54.2



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: 103.97 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF096615.D

Acq: 10 Jul 2017 21:48

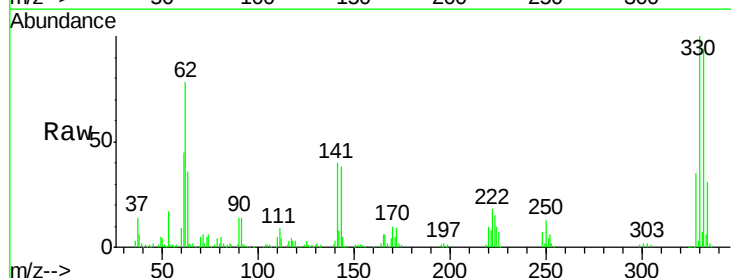
Tgt Ion:330 Resp: 198826

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

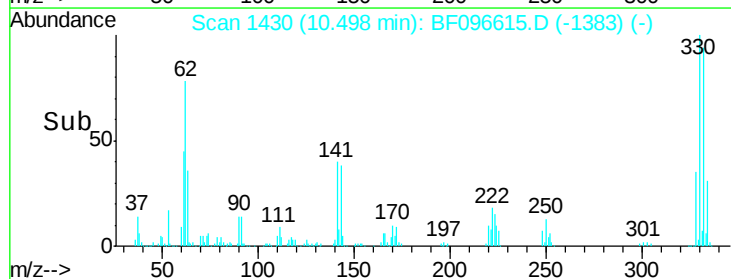
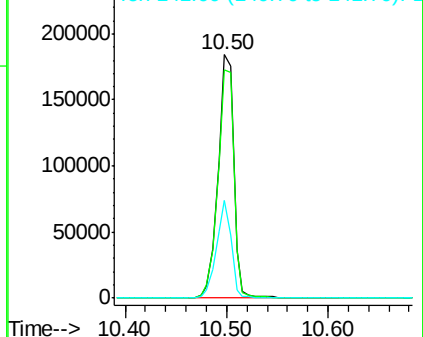
141 37.6 31.4 47.2

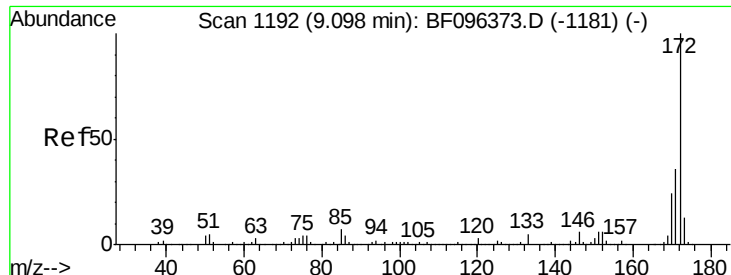


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

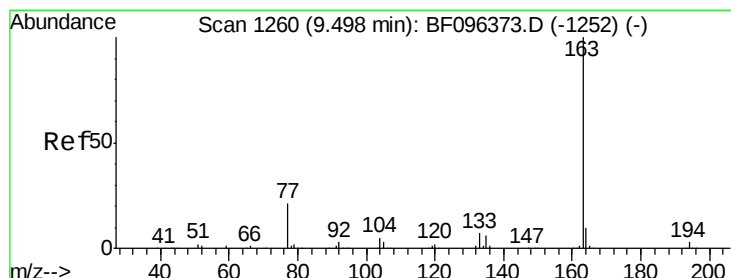
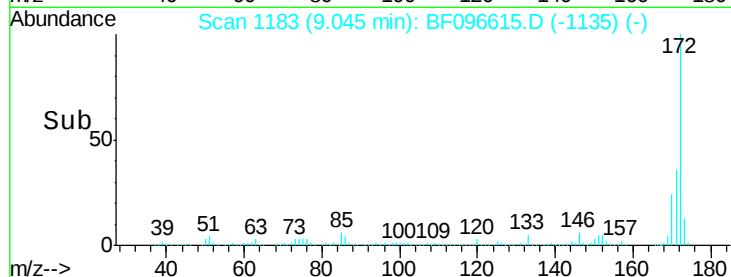
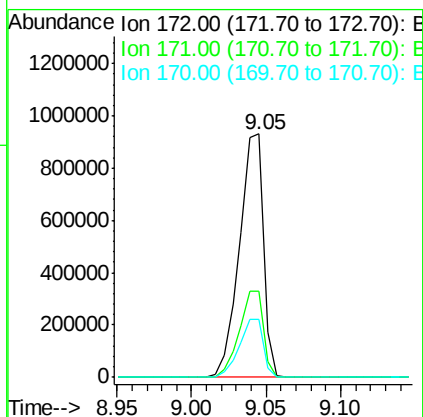
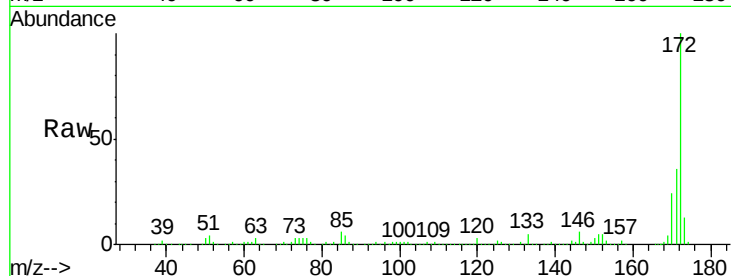




#44
2-Fluorobiphenyl
Concen: 73.29 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

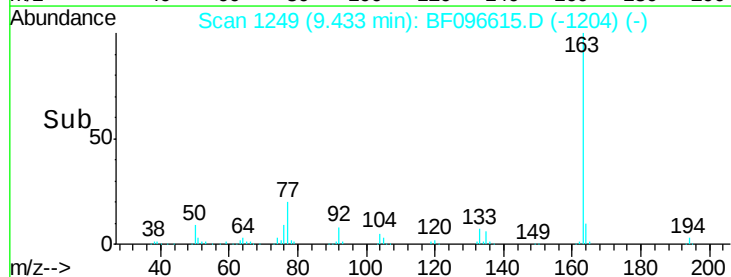
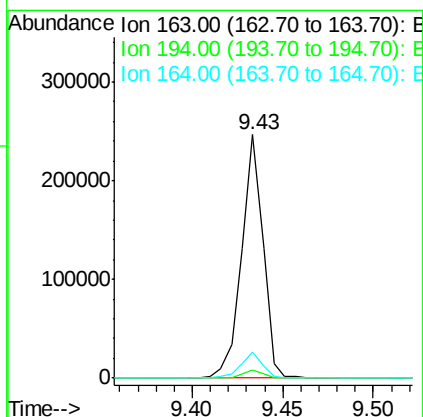
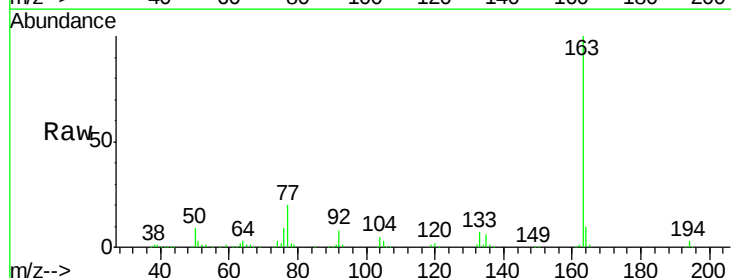
Instrument :
BNA_F
ClientSampleId :

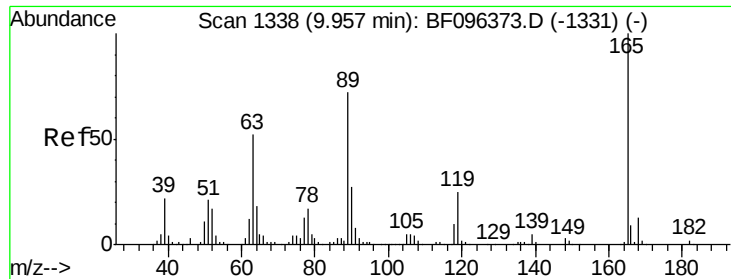
Tot Ion:172 Resp: 1049326
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 11.08 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:163 Resp: 202421
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.4 12.6

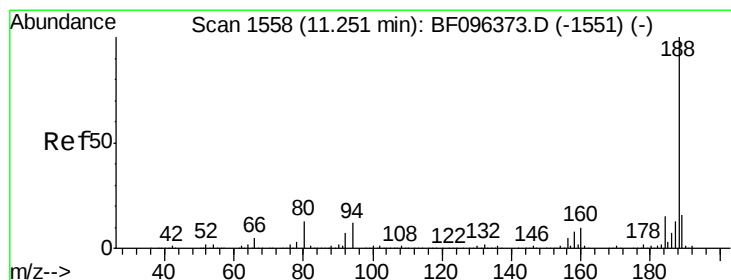
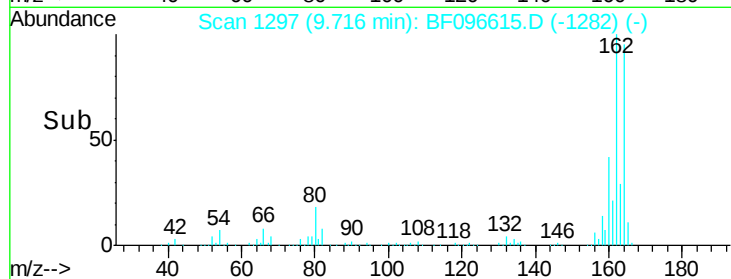
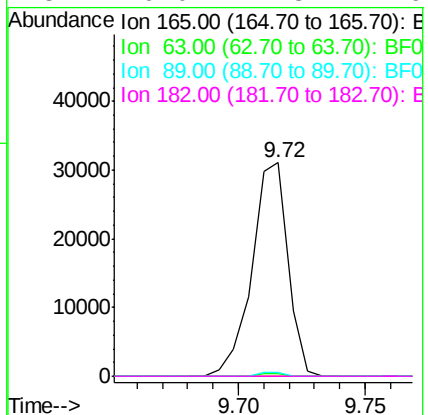
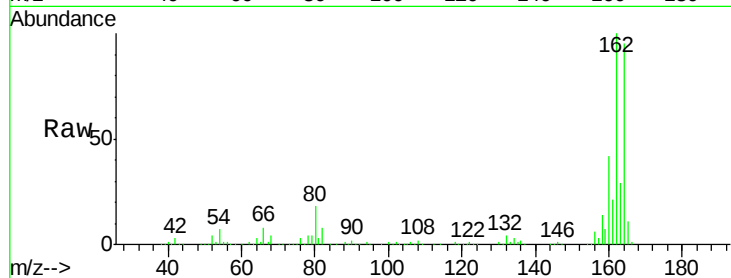




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096615.D
 Acq: 10 Jul 2017 21:48

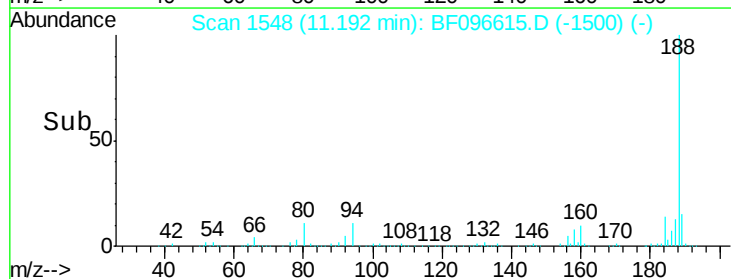
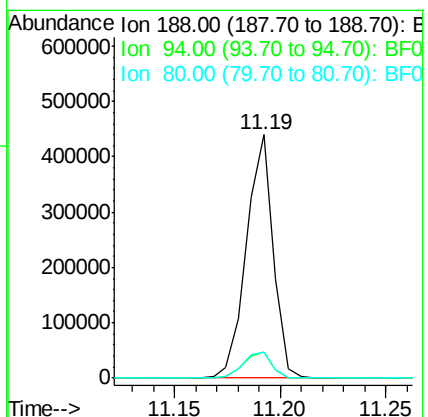
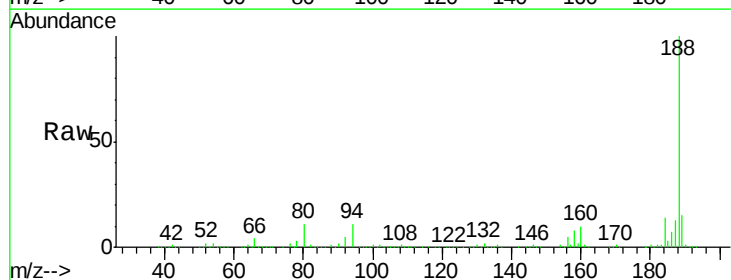
Instrument :
 BNA_F
 ClientSampled :

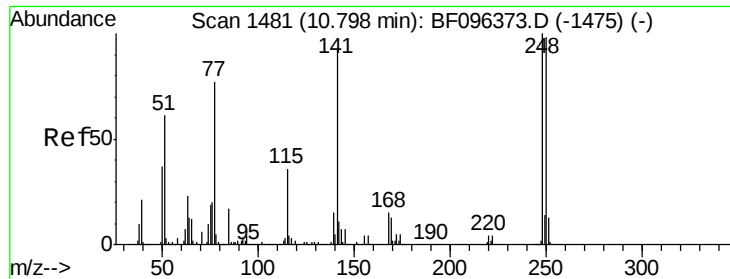
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096615.D
 Acq: 10 Jul 2017 21:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.8	10.2	15.2

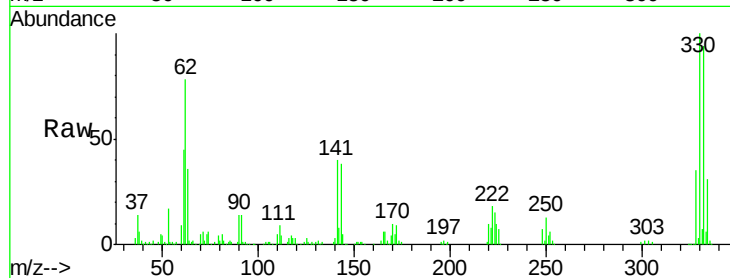




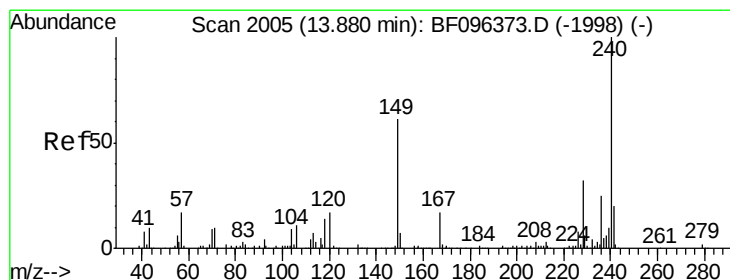
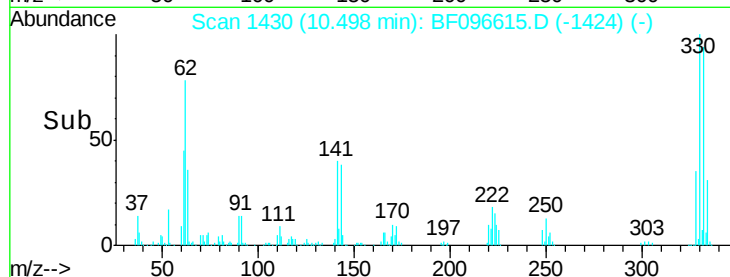
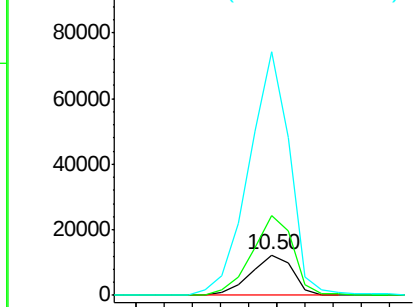
#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12744
Ion Ratio Lower Upper
248 100
250 197.4 76.8 115.2#
141 603.0 68.6 103.0#

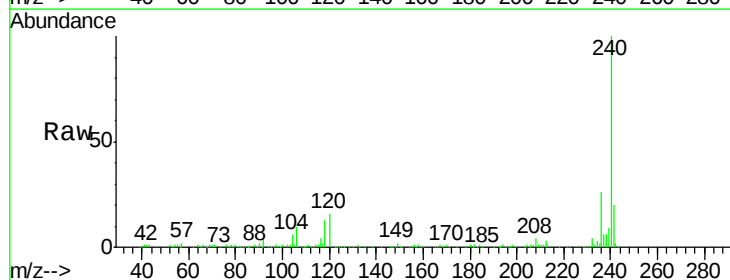


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

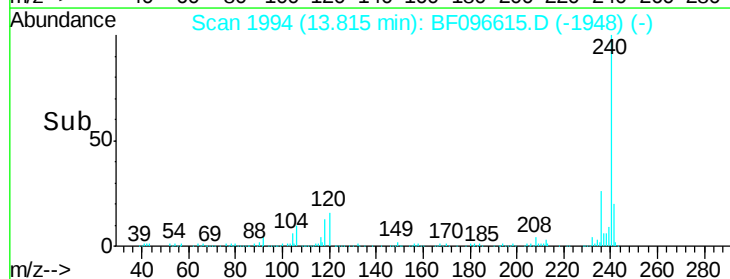
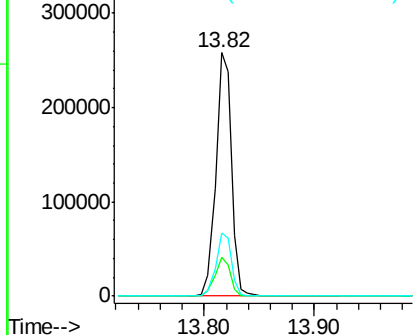


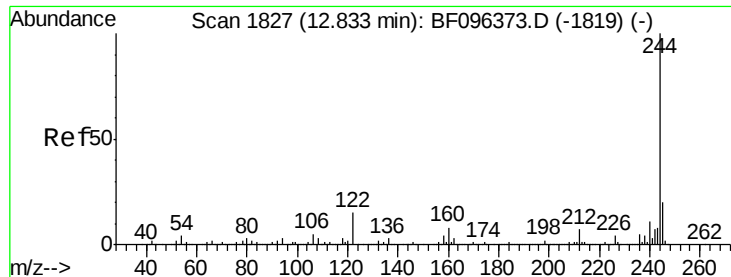
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:240 Resp: 252507
Ion Ratio Lower Upper
240 100
120 16.0 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

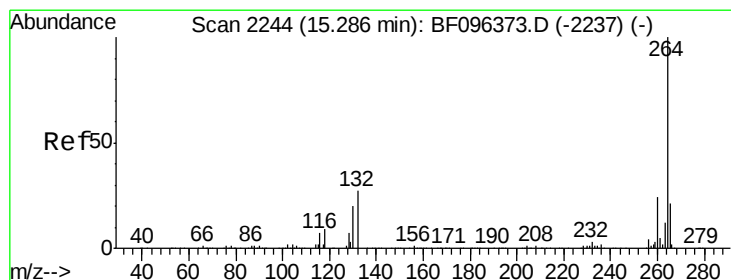
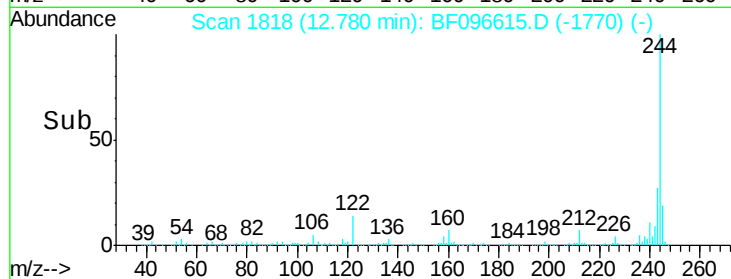
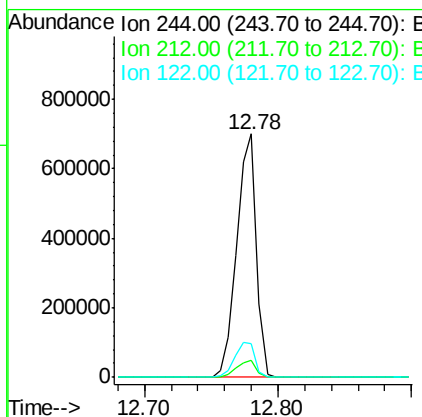
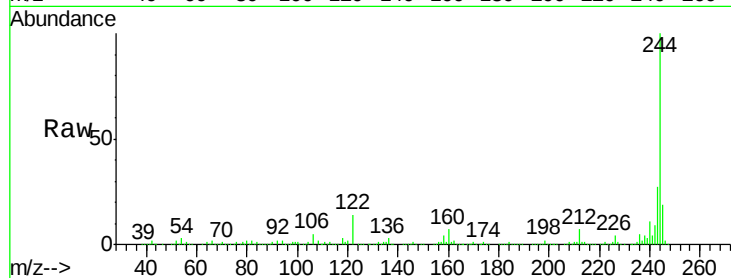




#78
 Terphenyl-d14
 Concen: 60.84 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096615.D
 Acq: 10 Jul 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 718955
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.03 min
 Lab File: BF096615.D
 Acq: 10 Jul 2017 21:48

Tgt Ion:264 Resp: 234198
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.3 17.2 25.8

