

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096585.D
 Acq On : 8 Jul 2017 3:24
 Operator : SJ/MA
 Sample : I4075-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 04:14:13 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

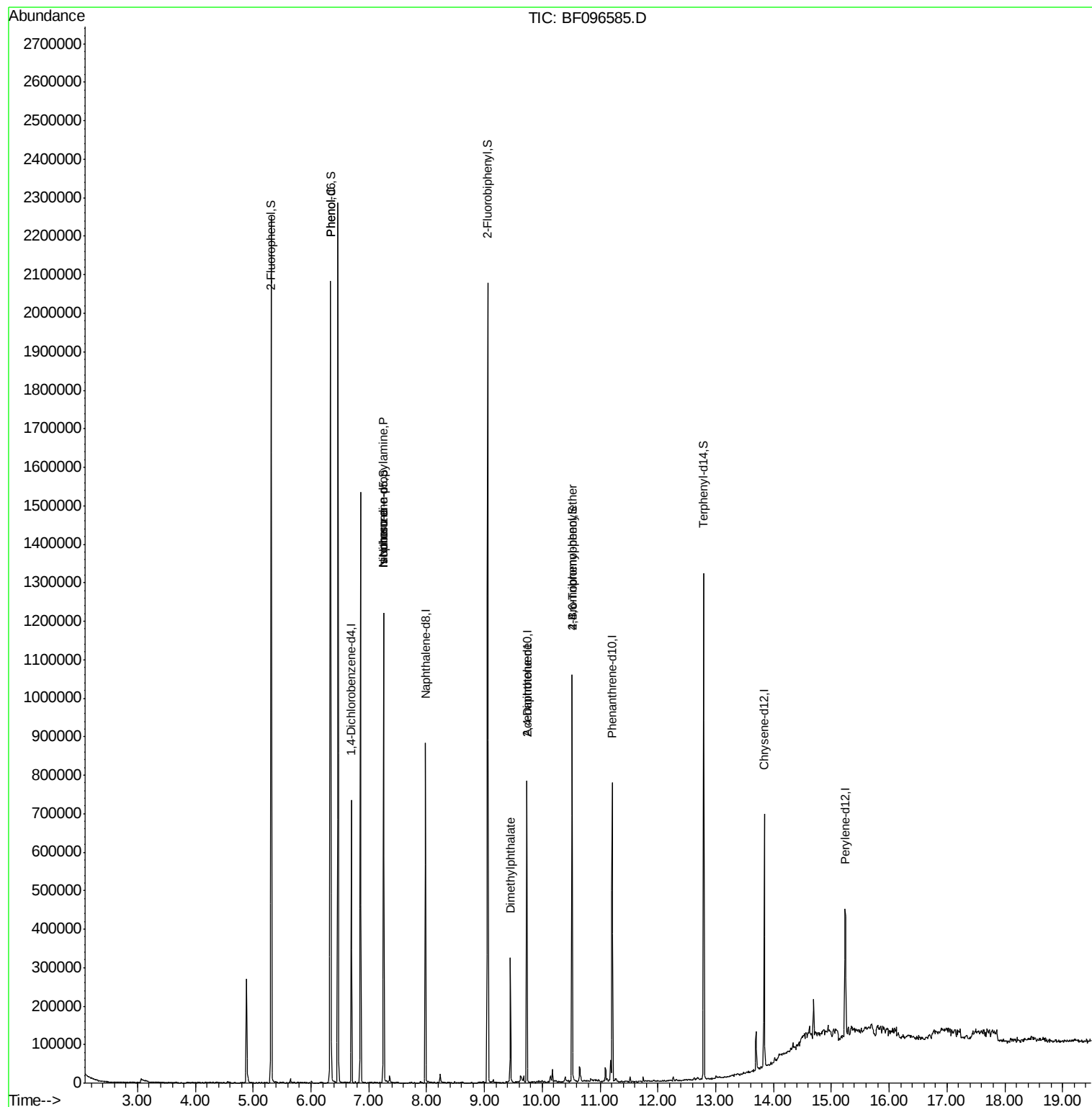
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100001	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	371214	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	157368	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	256122	20.00	ng	0.00
75) Chrysene-d12	13.84	240	198552	20.00	ng	0.00
86) Perylene-d12	15.24	264	135472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	607978	89.73	ng	0.00
7) Phenol-d6	6.34	99	701776	84.25	ng	0.00
23) Nitrobenzene-d5	7.26	82	333804	54.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	102912	83.72	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	575520	62.53	ng	0.00
78) Terphenyl-d14	12.79	244	383061	41.23	ng	0.00
Target Compounds						
10) Phenol	6.35	94	21530	2.27	ng	85
19) n-Nitroso-di-n-propylamine	7.26	70	43851	8.84	ng	# 88
25) Isophorone	7.26	82	330831	27.62	ng	# 67
49) Dimethylphthalate	9.45	163	123644	10.53	ng	98
56) 2,4-Dinitrotoluene	9.73	165	19796	6.02	ng	# 33
66) 4-Bromophenyl-phenylether	10.52	248	6664	2.67	ng	# 1

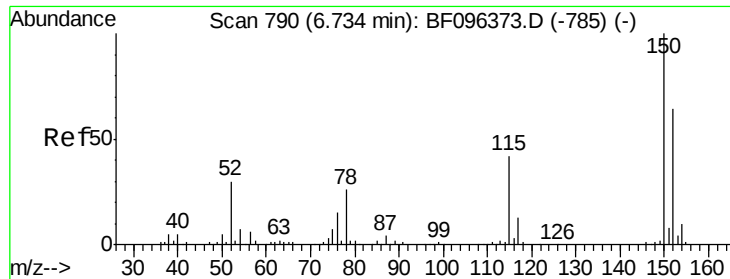
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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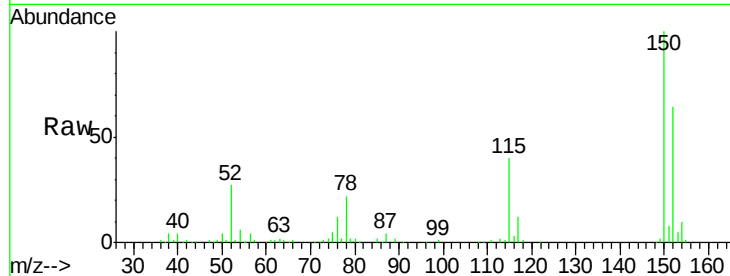


#1

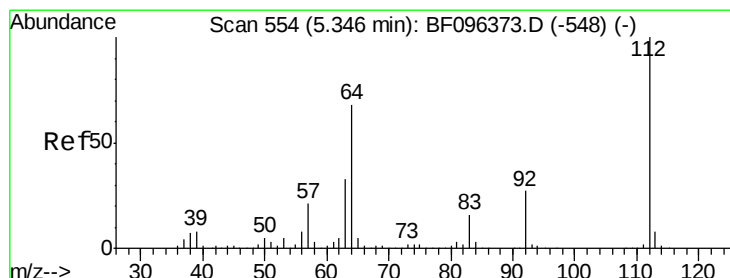
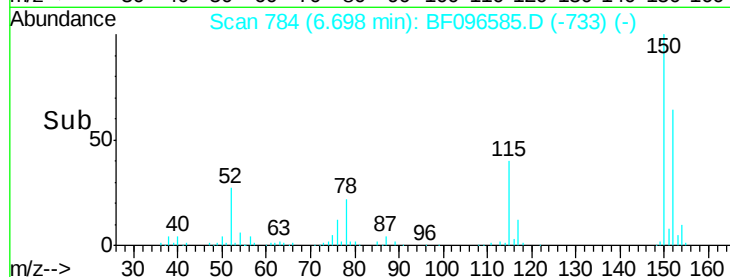
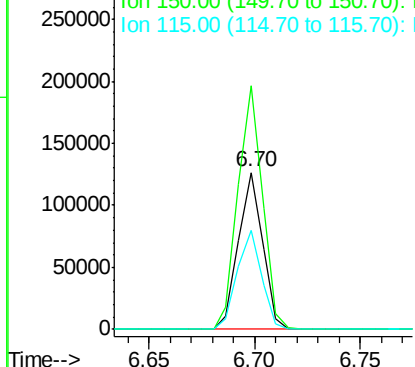
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100001
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 62.9 52.2 78.2



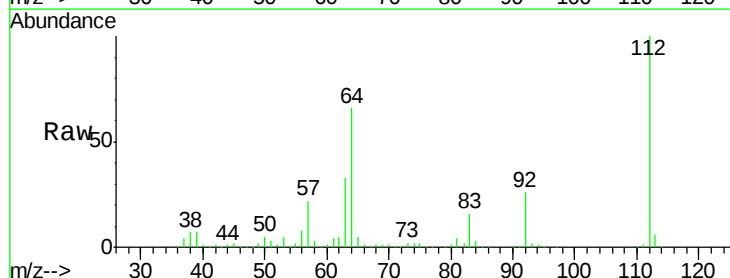
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



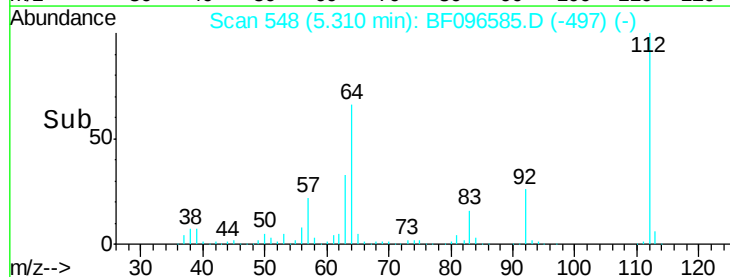
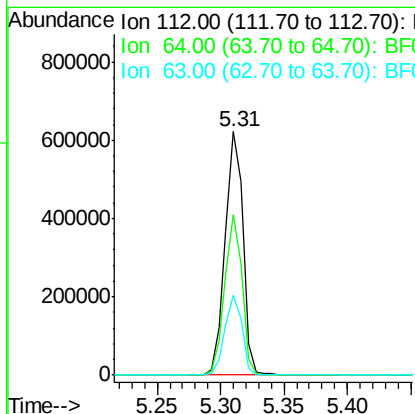
#5

2-Fluorophenol
Concen: 89.73 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

Tgt Ion:112 Resp: 607978
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 33.0 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: 84.25 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096585.D

Acq: 8 Jul 2017 3:24

Instrument :

BNA_F

ClientSampleId :

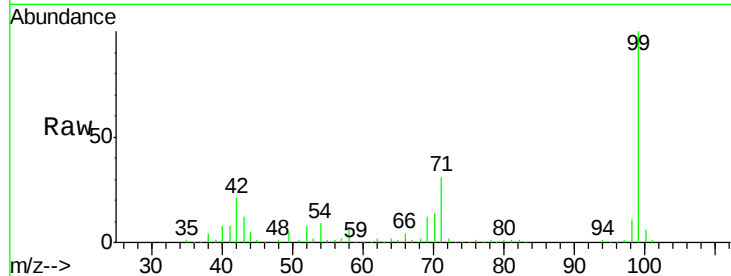
Tot Ion: 99 Resp: 701776

Ion Ratio Lower Upper

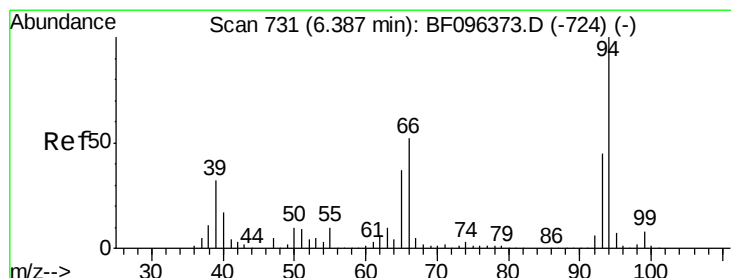
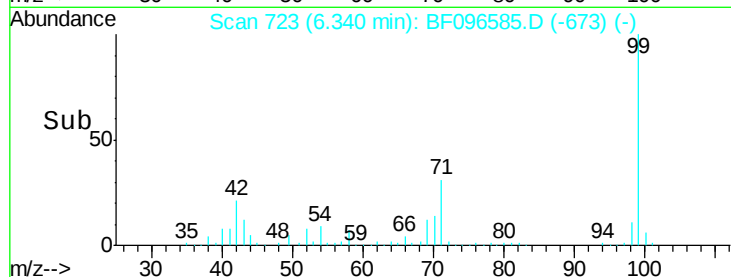
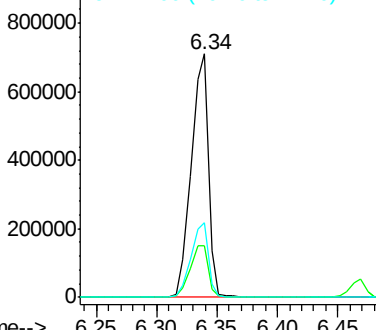
99 100

42 21.4 13.5 20.3#

71 30.8 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: 2.27 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096585.D

Acq: 8 Jul 2017 3:24

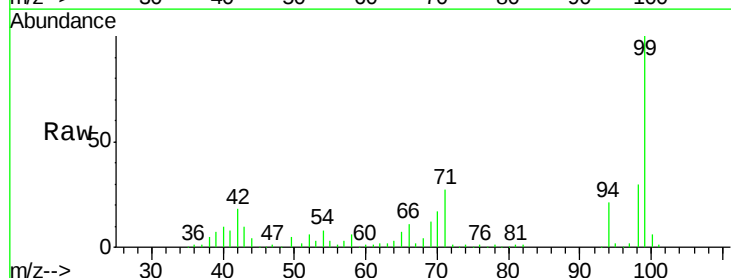
Tgt Ion: 94 Resp: 21530

Ion Ratio Lower Upper

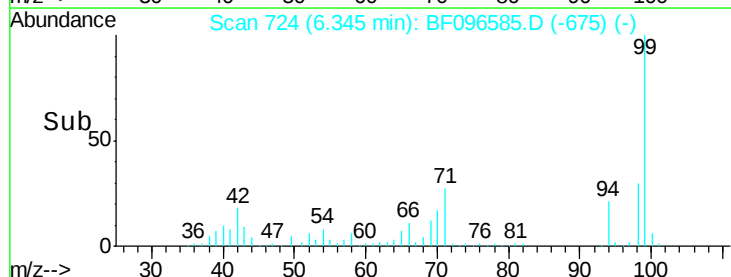
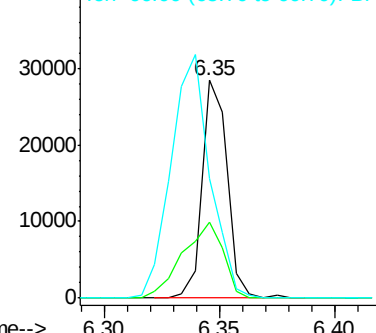
94 100

65 35.1 9.9 49.9

66 54.7 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

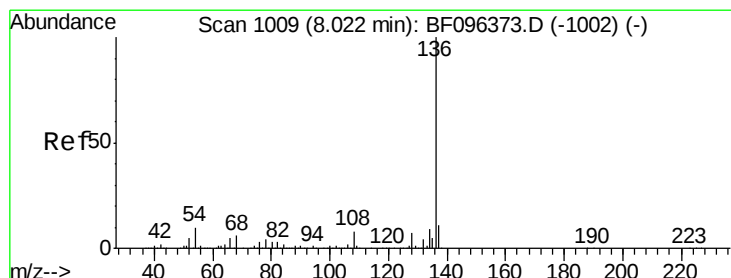
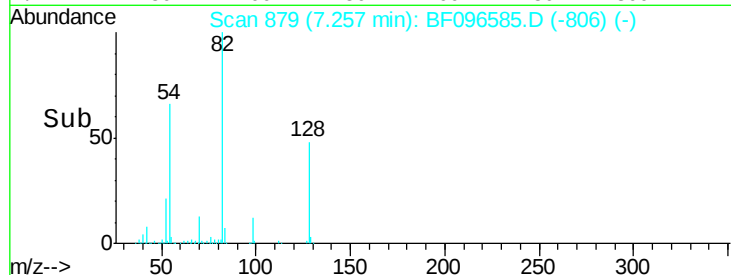
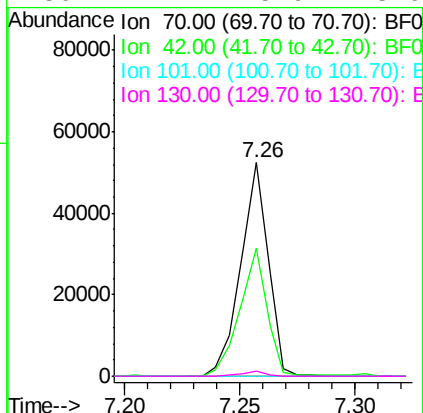
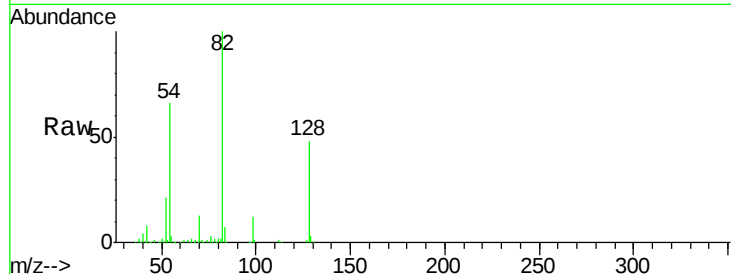




#19
n-Nitroso-di-n-propylamine
Concen: 8.84 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

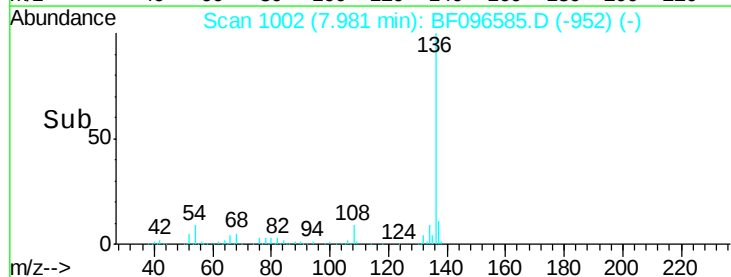
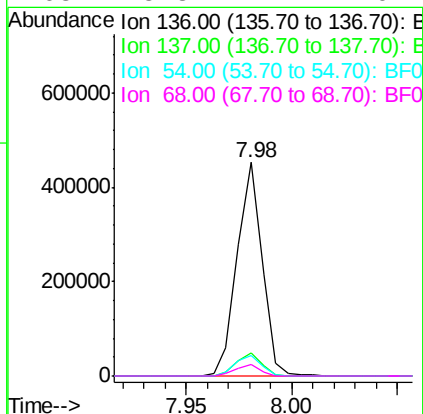
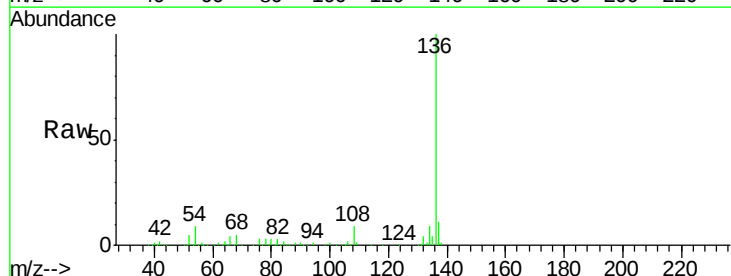
Instrument :
BNA_F
ClientSampleId :

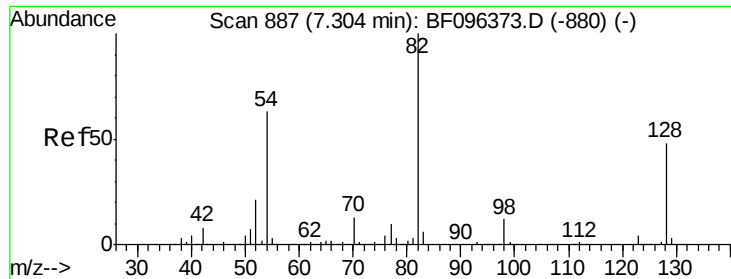
Tot Ion: 70 Resp: 43851
Ion Ratio Lower Upper
70 100
42 60.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

Tgt Ion:136 Resp: 371214
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.5 4.9 7.3#
68 5.3 4.1 6.1

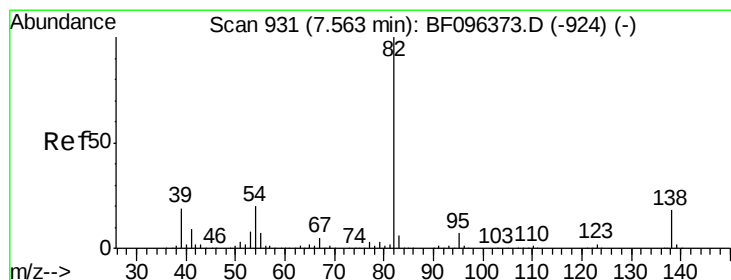
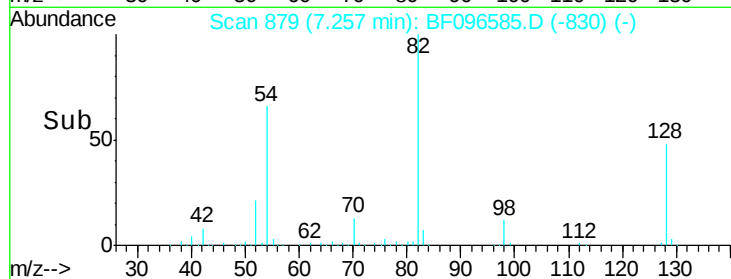
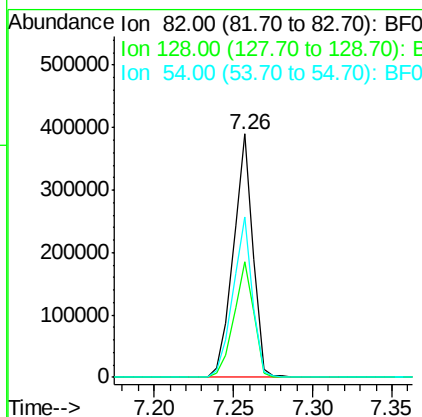
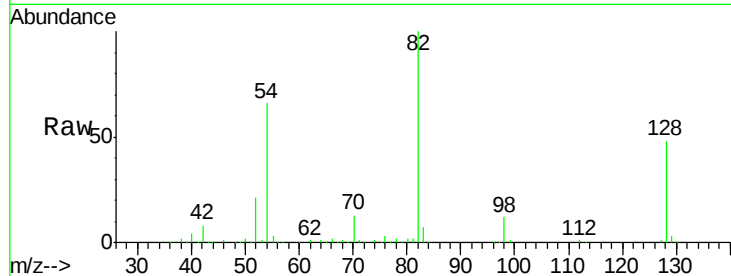




#23
Nitrobenzene-d5
Concen: 54.04 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

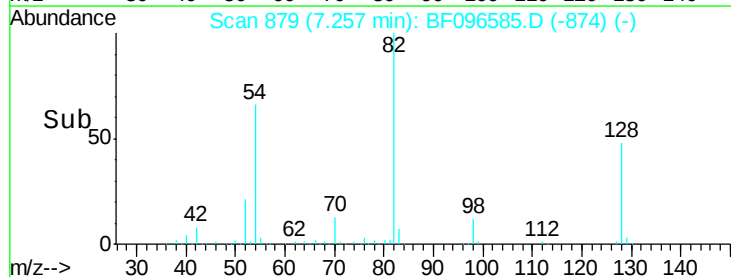
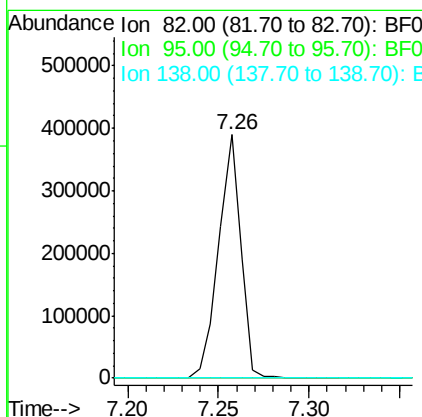
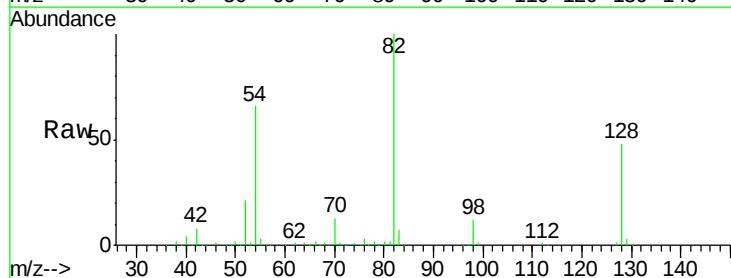
Instrument :
BNA_F
ClientSampleId :

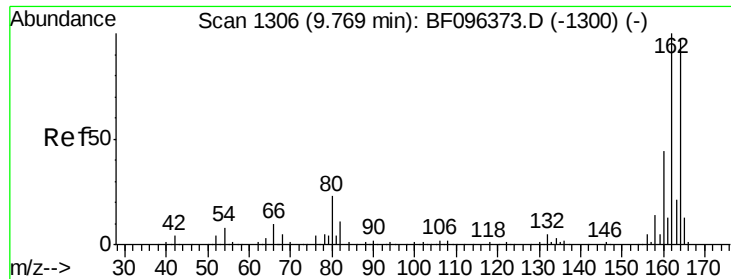
Tot Ion: 82 Resp: 333804
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 66.0 42.2 63.2#



#25
Isophorone
Concen: 27.62 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

Tgt Ion: 82 Resp: 330831
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

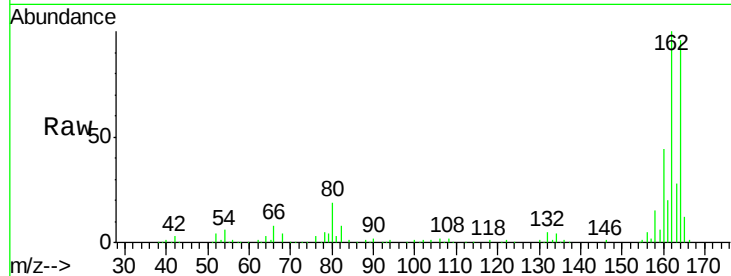




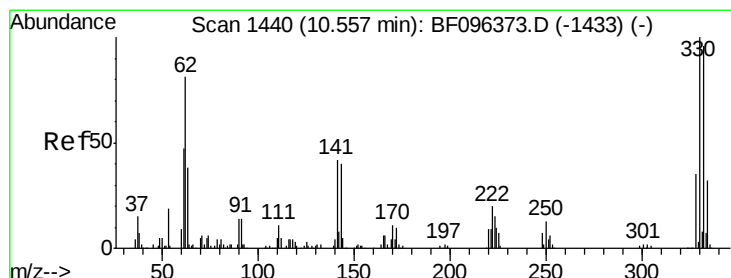
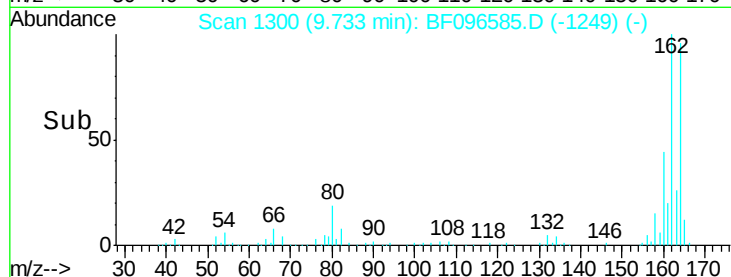
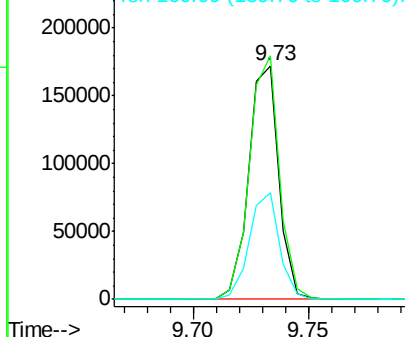
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF096585.D
 Acq: 8 Jul 2017 3:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 157368
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.9 36.2 54.2

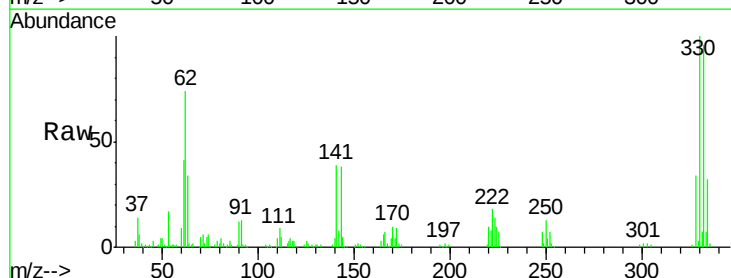


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

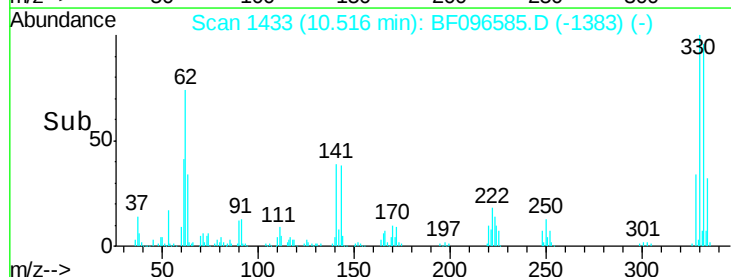
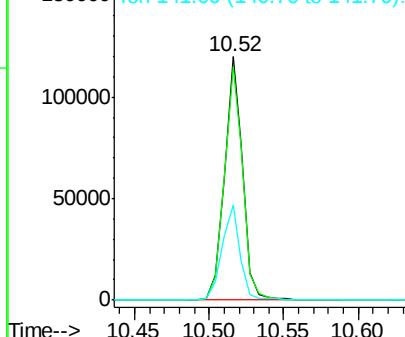


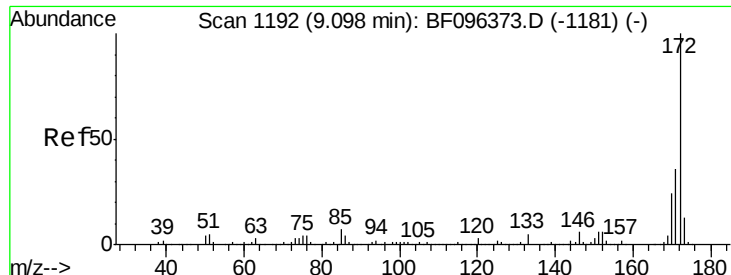
#41
 2,4,6-Tribromophenol
 Concen: 83.72 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096585.D
 Acq: 8 Jul 2017 3:24

Tgt Ion:330 Resp: 102912
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.8 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

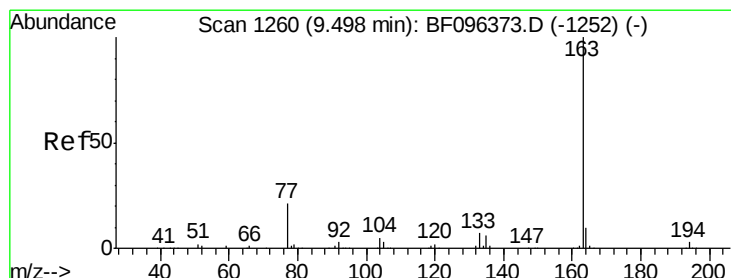
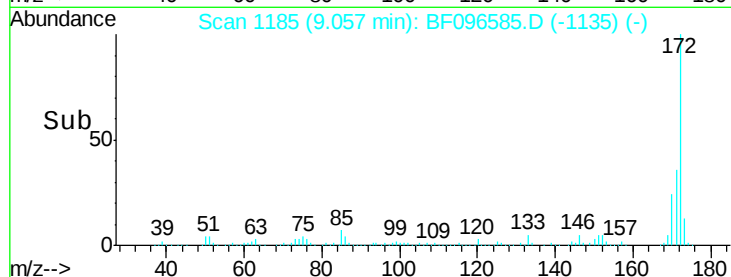
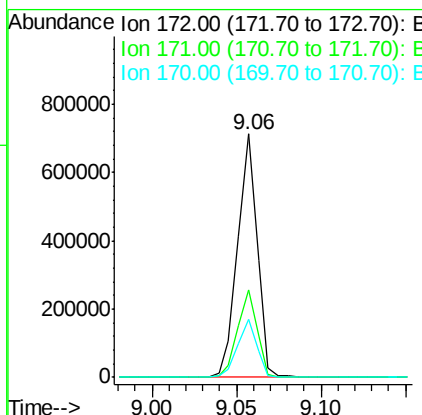
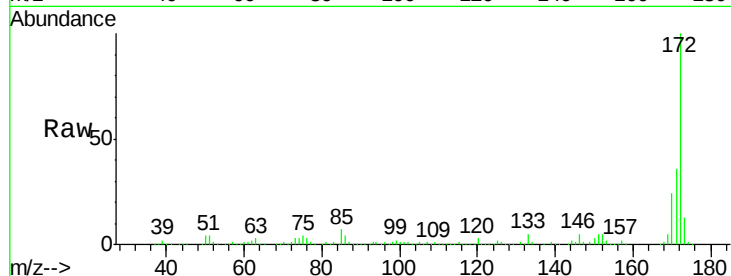




#44
2-Fluorobiphenyl
Concen: 62.53 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

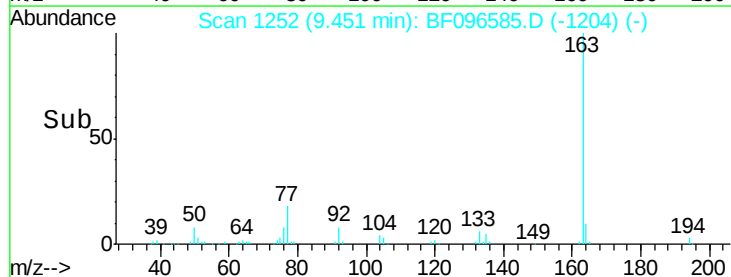
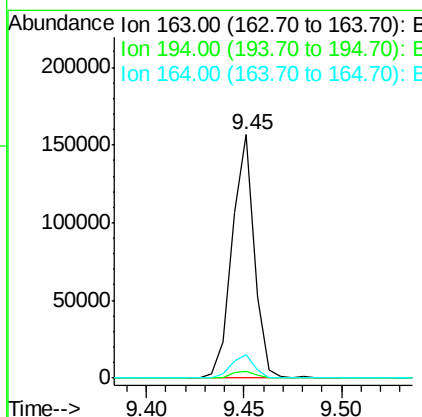
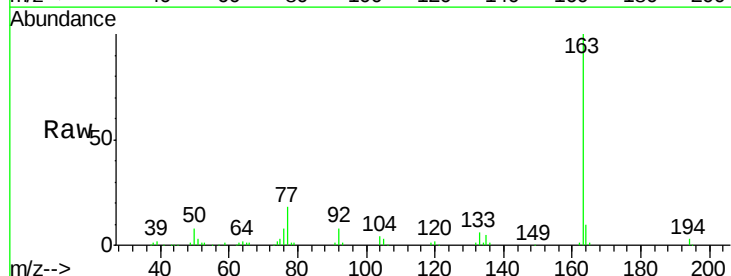
Instrument :
BNA_F
ClientSampleId :

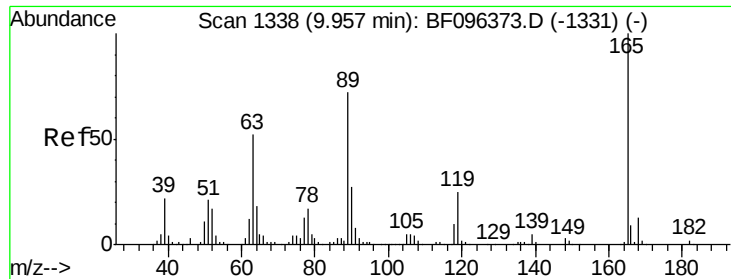
Tot Ion:172 Resp: 575520
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 10.53 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

Tgt Ion:163 Resp: 123644
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.6 8.4 12.6

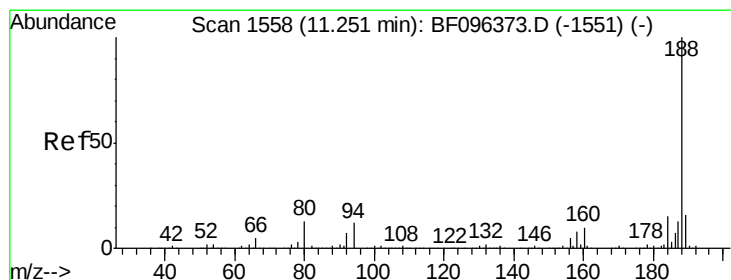
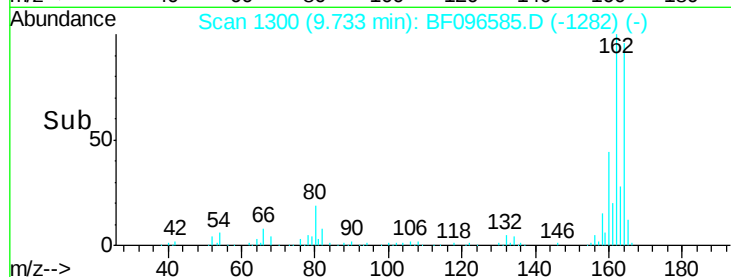
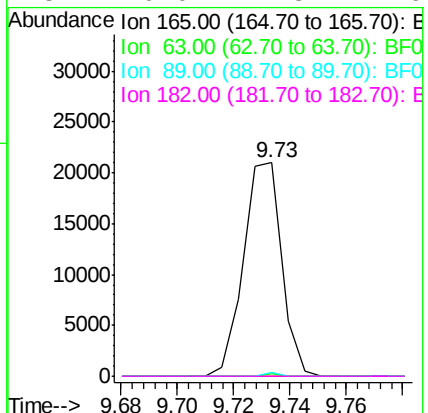
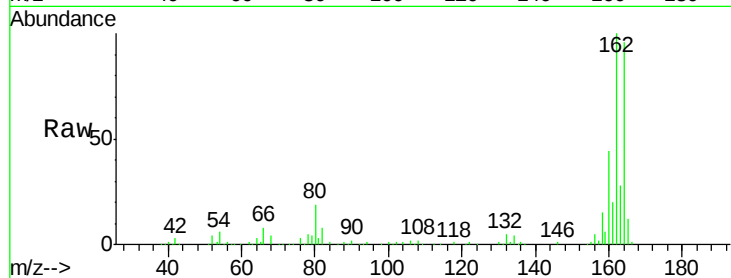




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.19 min
 Lab File: BF096585.D
 Acq: 8 Jul 2017 3:24

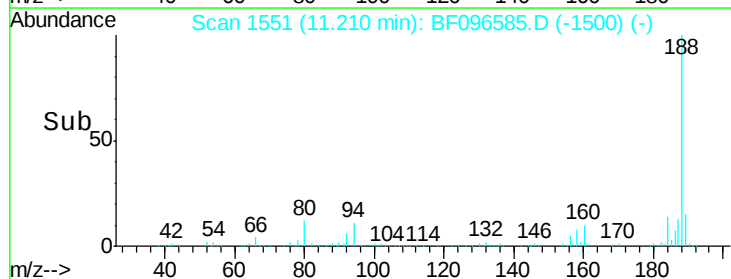
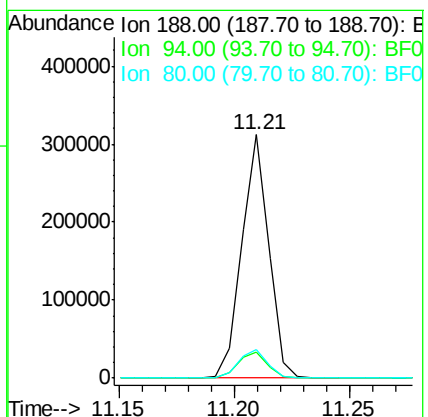
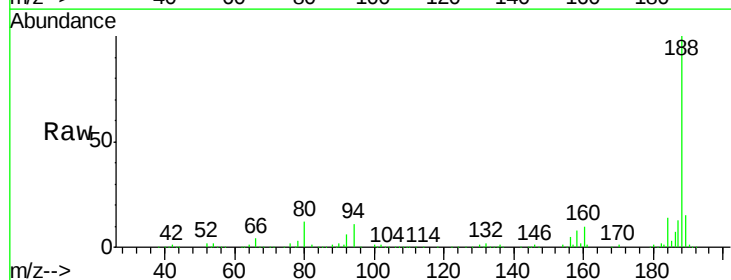
Instrument :
 BNA_F
 ClientSampleId :

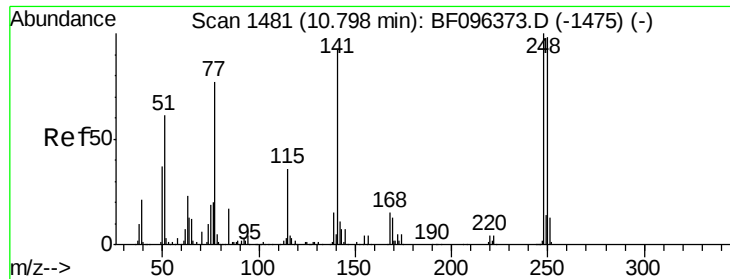
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF096585.D
 Acq: 8 Jul 2017 3:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.5	10.2	15.2

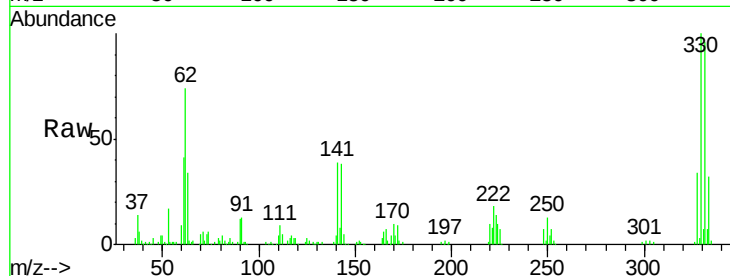




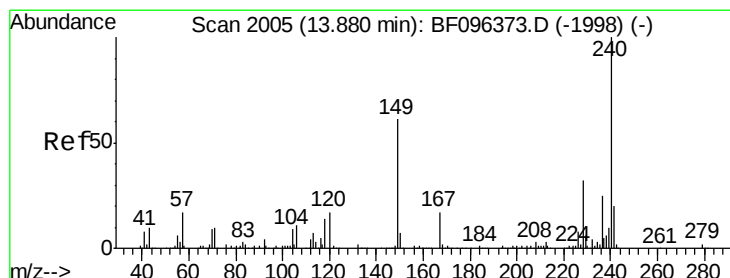
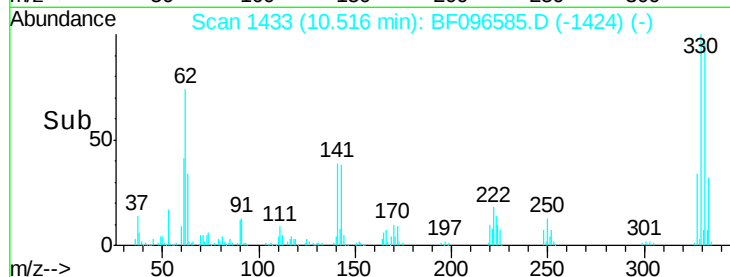
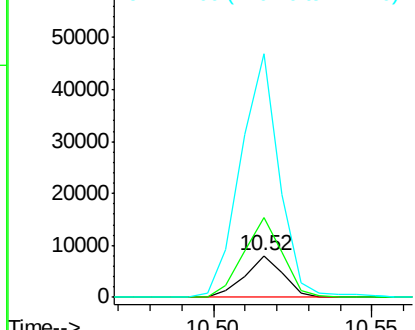
#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6664
Ion Ratio Lower Upper
248 100
250 193.0 76.8 115.2#
141 584.5 68.6 103.0#

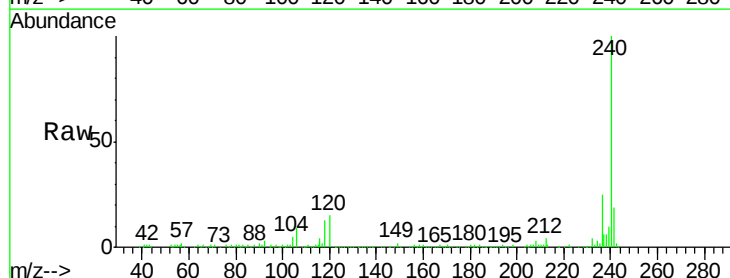


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

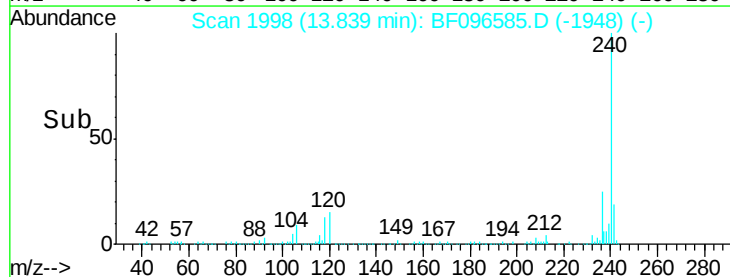
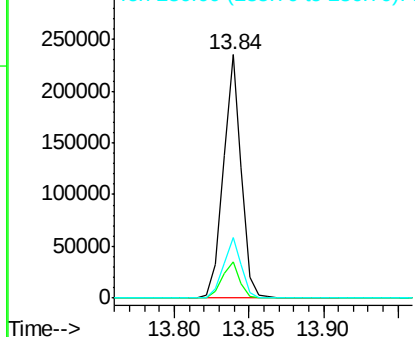


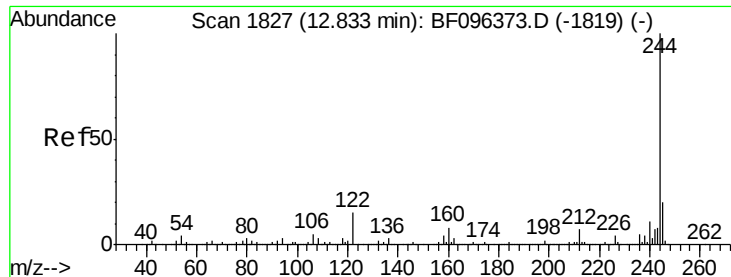
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF096585.D
Acq: 8 Jul 2017 3:24

Tgt Ion:240 Resp: 198552
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 24.7 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

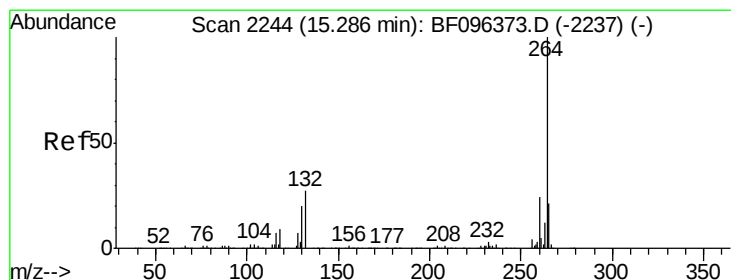
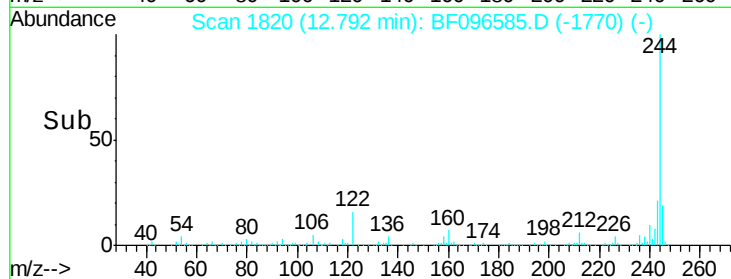
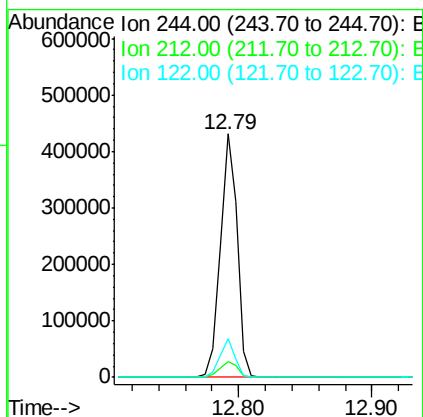
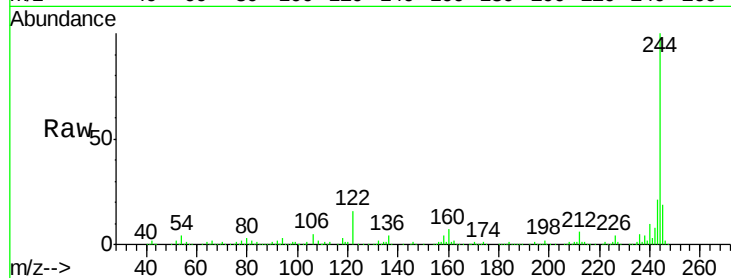




#78
 Terphenyl-d14
 Concen: 41.23 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096585.D
 Acq: 8 Jul 2017 3:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 383061
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 15.7 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF096585.D
 Acq: 8 Jul 2017 3:24

Tgt Ion:264 Resp: 135472
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 22.1 17.2 25.8

