

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096495.D
 Acq On : 5 Jul 2017 20:23
 Operator : SJ/MA
 Sample : I4049-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 01:42:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

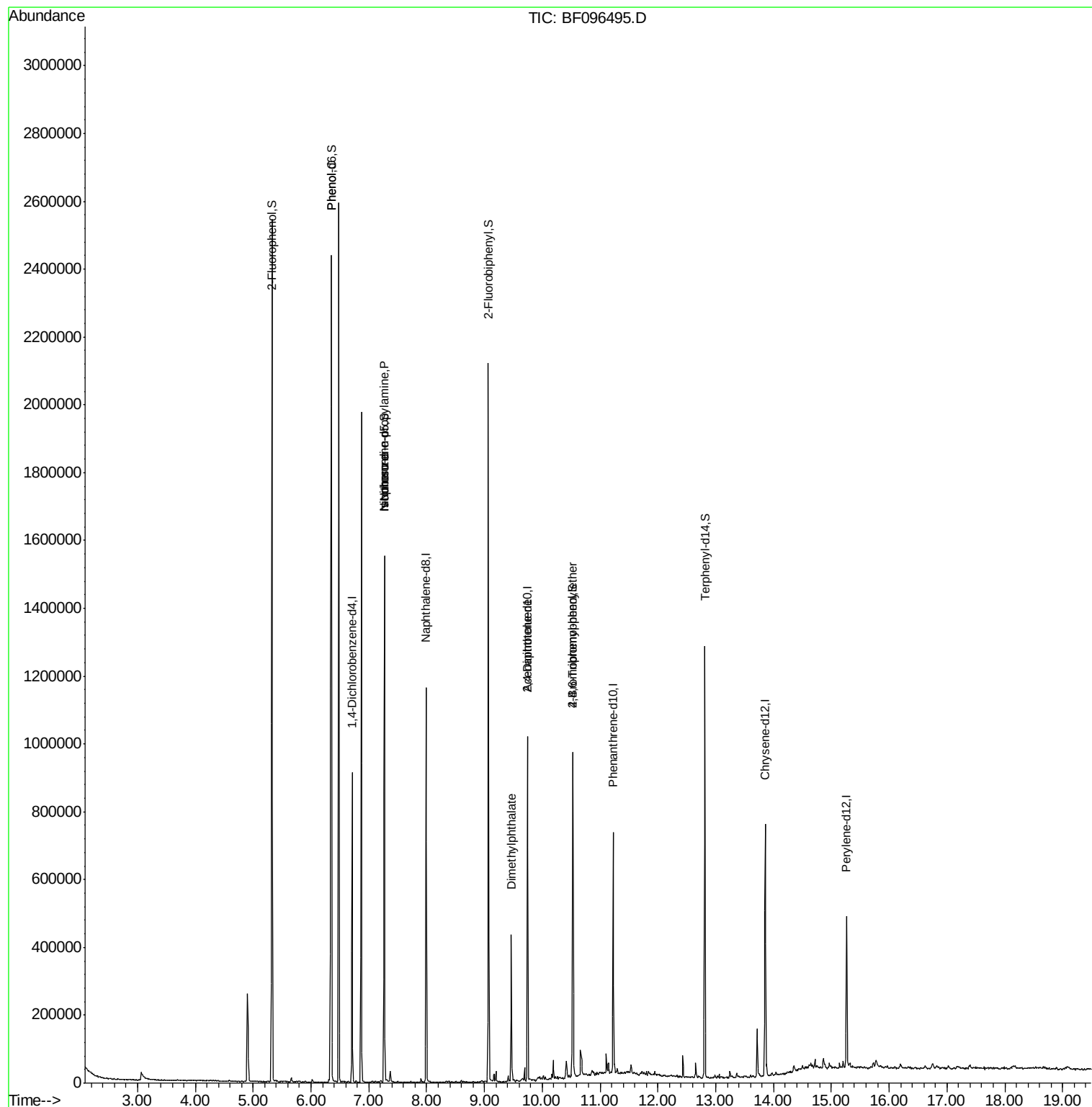
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	120398	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	484738	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	189485	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	245557	20.00	ng	0.00
75) Chrysene-d12	13.86	240	224100	20.00	ng	-0.01
86) Perylene-d12	15.27	264	193369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	694185	85.10	ng	0.00
7) Phenol-d6	6.35	99	804738	80.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	475019	58.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	111510	75.34	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	703647	63.49	ng	0.00
78) Terphenyl-d14	12.81	244	362714	34.59	ng	0.00
Target Compounds						
10) Phenol	6.36	94	27212	2.38	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.27	70	62404	10.45	ng	# 88
25) Isophorone	7.27	82	472459	30.21	ng	# 67
49) Dimethylphthalate	9.46	163	156340	11.05	ng	100
56) 2,4-Dinitrotoluene	9.75	165	23730	5.99	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	6732	2.82	ng	# 1

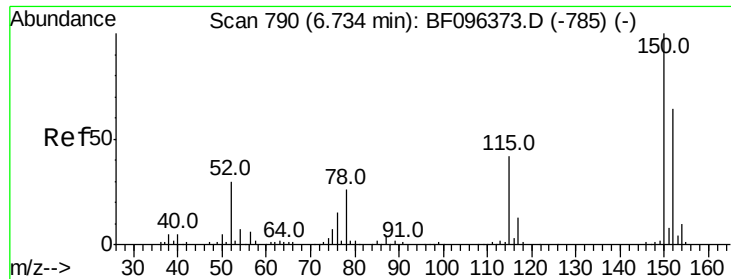
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 05 13:27:10 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

Instrument :

BNA_F

ClientSampleId :

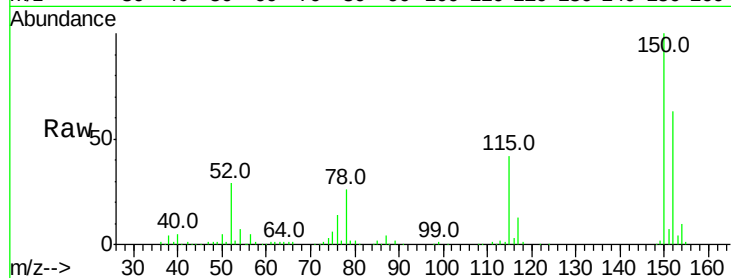
Tot Ion:152 Resp: 120398

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

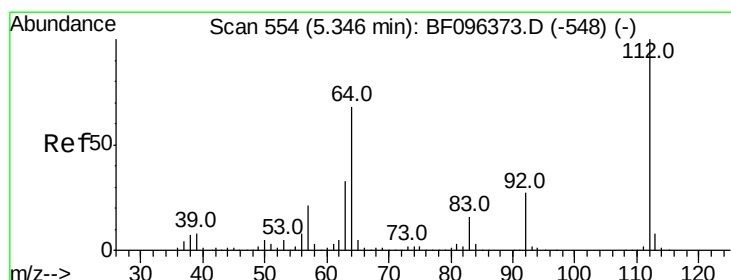
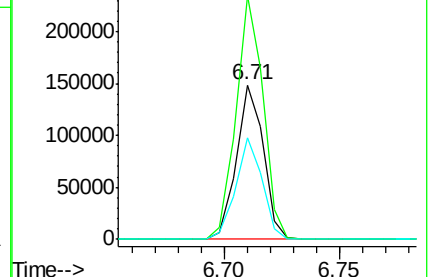
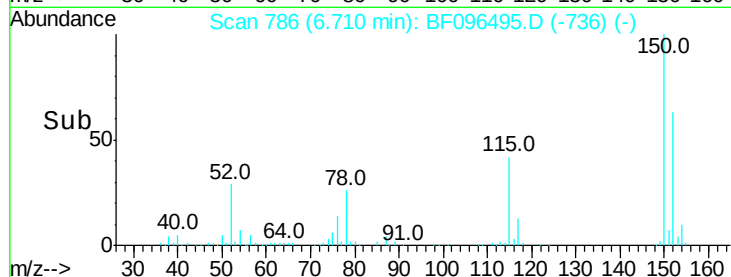
115 65.5 52.2 78.2



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: 85.10 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

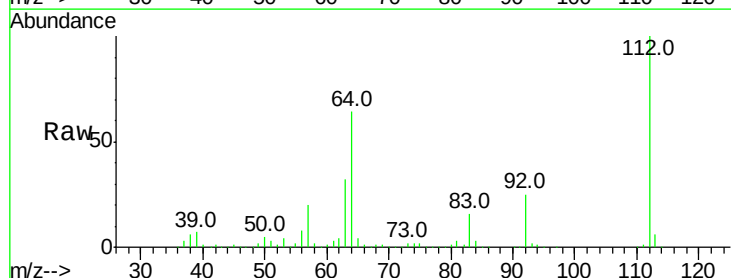
Tgt Ion:112 Resp: 694185

Ion Ratio Lower Upper

112 100

64 64.2 46.0 69.0

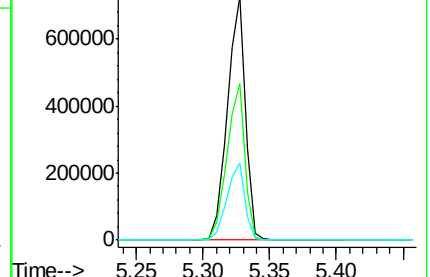
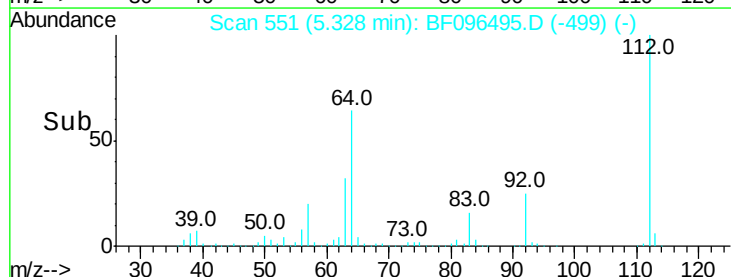
63 31.7 23.4 35.0

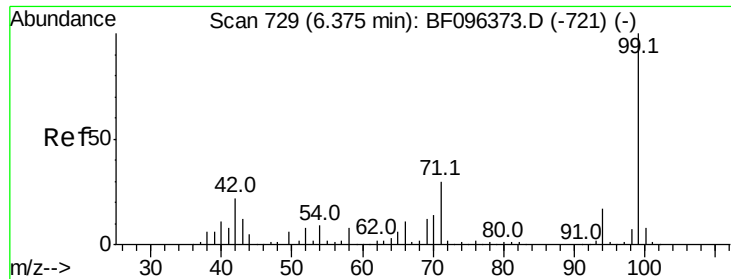


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.25 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

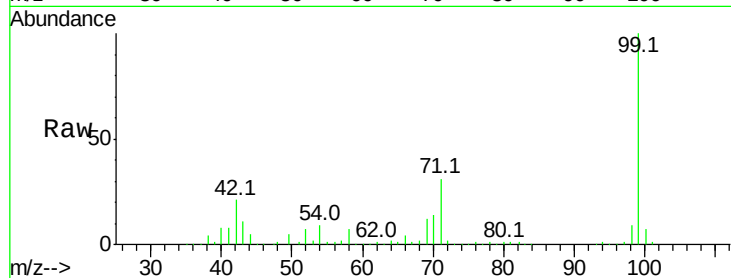
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 804738

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	30.7	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

6.35

800000

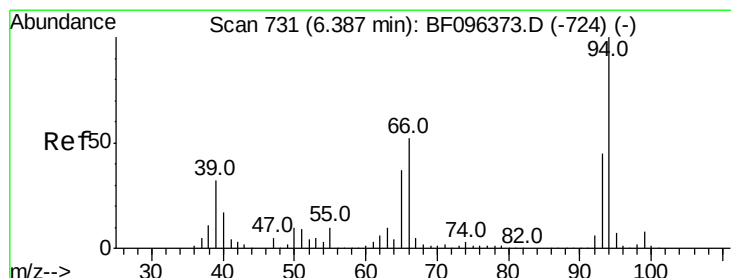
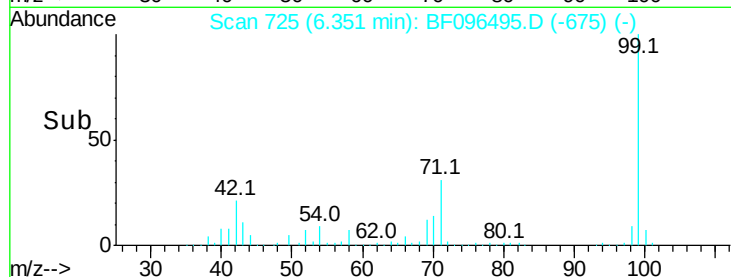
600000

400000

200000

0

Time--> 6.25 6.30 6.35 6.40 6.45



#10

Phenol

Concen: 2.38 ng

RT: 6.36 min Scan# 726

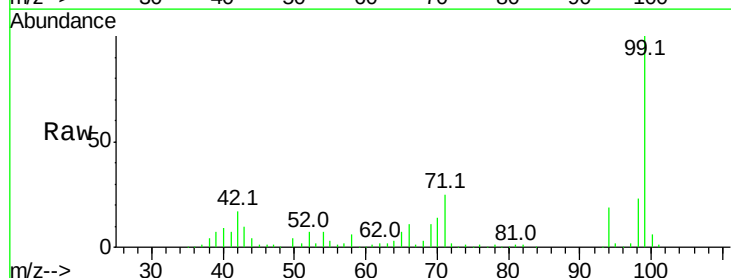
Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

Tgt Ion: 94 Resp: 27212

Ion	Ratio	Lower	Upper
94	100		
65	37.7	9.9	49.9
66	56.7	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

50000

40000

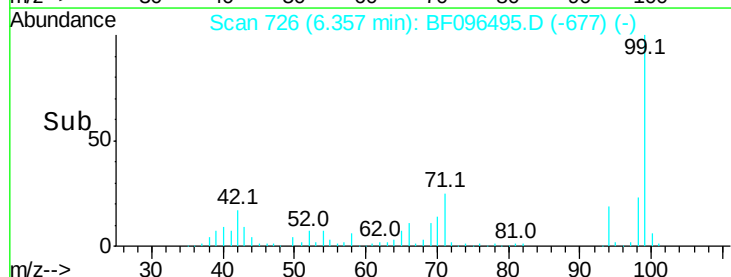
30000

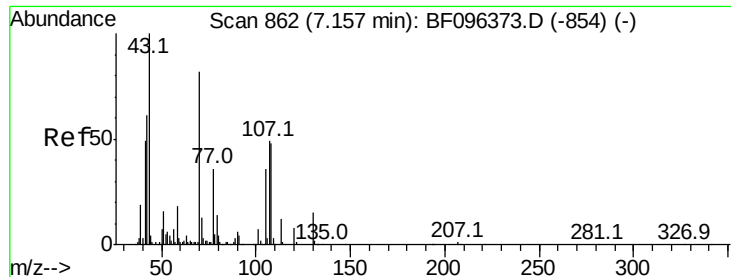
20000

10000

0

Time--> 6.32 6.34 6.36 6.38 6.40

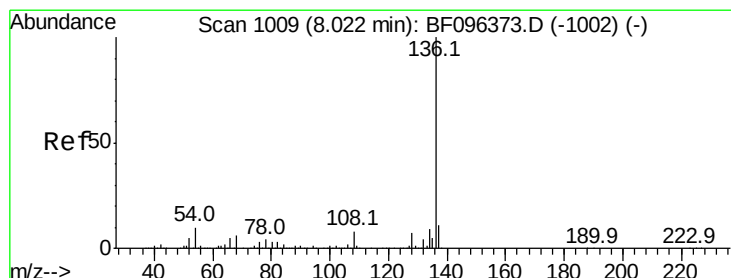
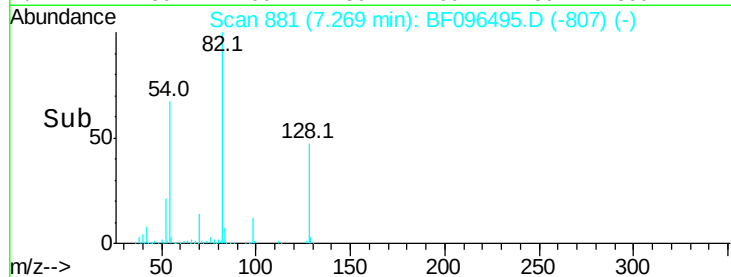
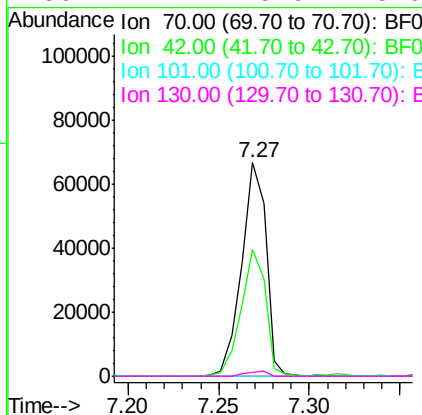
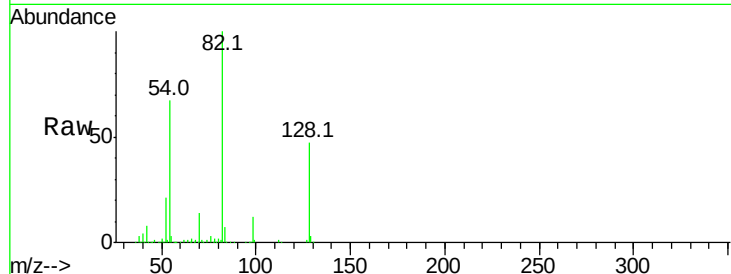




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.45 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.14 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

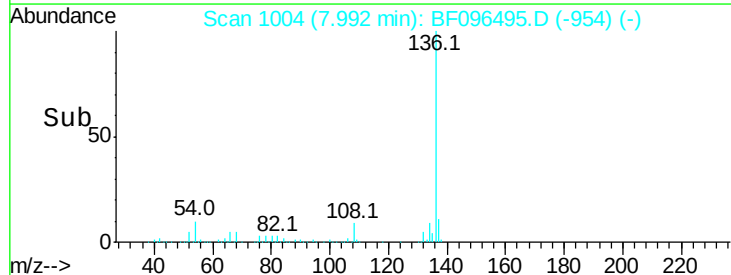
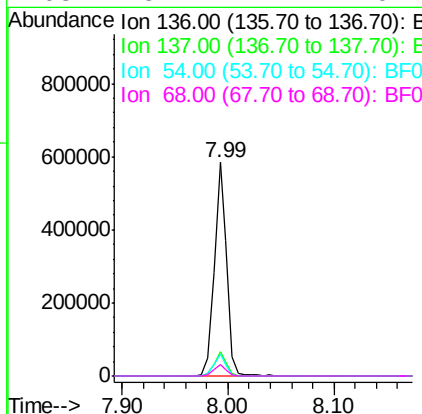
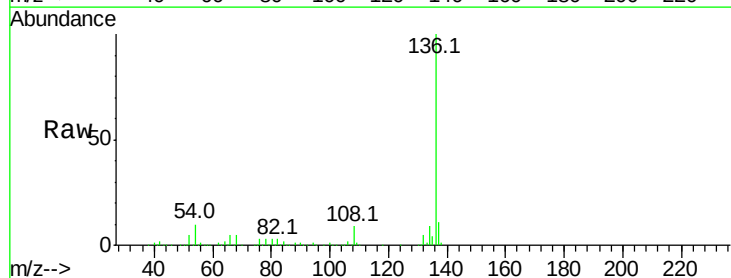
Instrument :
 BNA_F
 ClientSampleId :

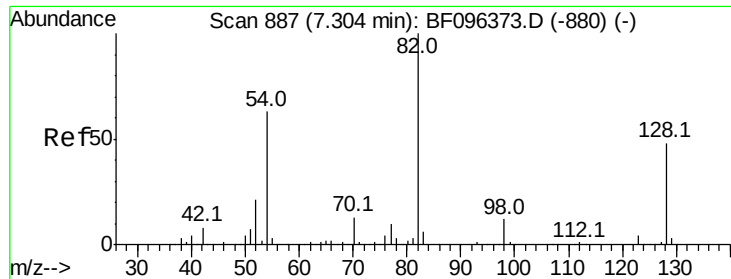
Tot Ion: 70 Resp: 62404
 Ion Ratio Lower Upper
 70 100
 42 59.2 47.2 70.8
 101 0.0 7.2 10.8#
 130 1.7 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Tgt Ion:136 Resp: 484738
 Ion Ratio Lower Upper
 136 100
 137 11.4 8.5 12.7
 54 10.4 4.9 7.3#
 68 5.2 4.1 6.1

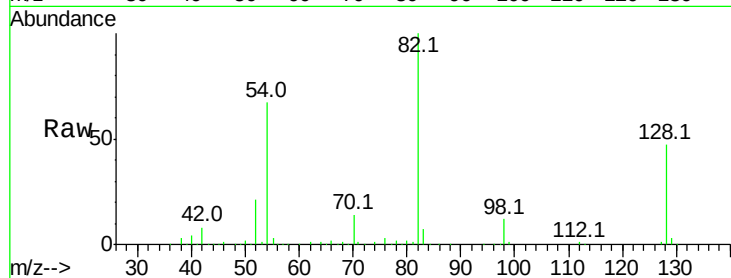




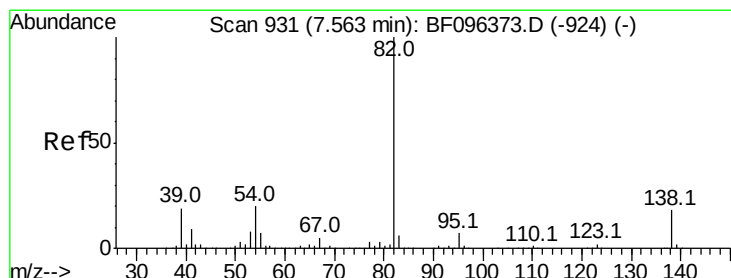
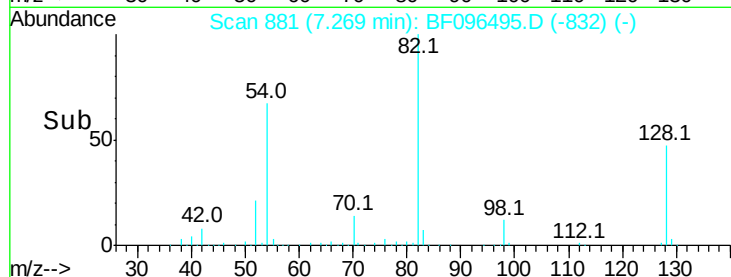
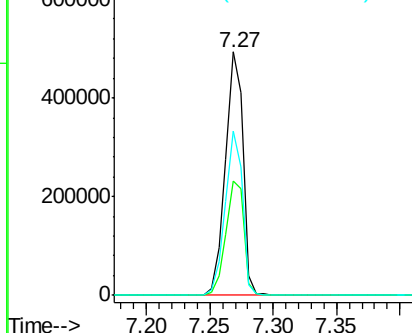
#23
 Nitrobenzene-d5
 Concen: 58.89 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 475019
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 67.2 42.2 63.2#

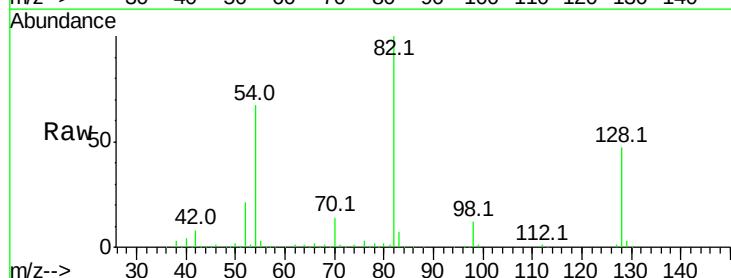


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

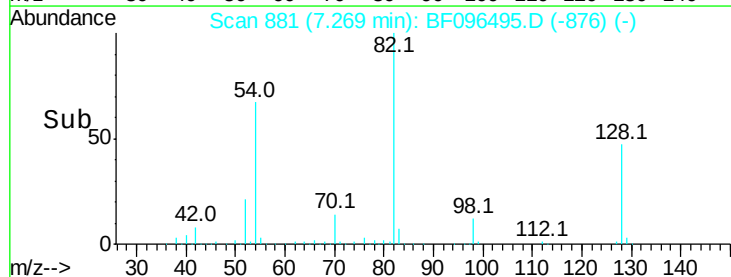
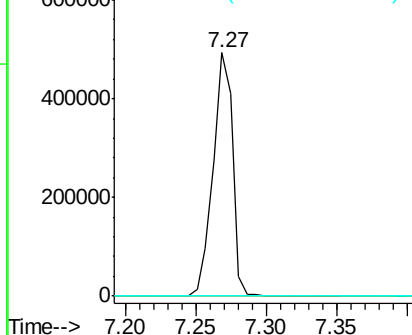


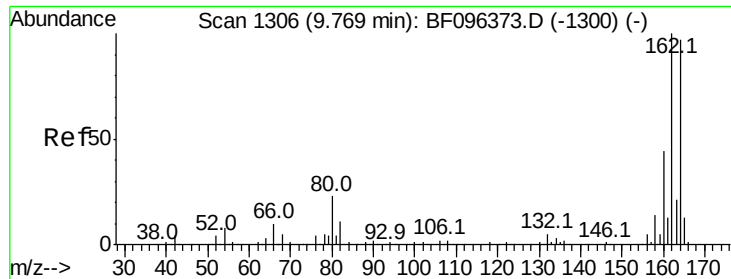
#25
 Isophorone
 Concen: 30.21 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Tgt Ion: 82 Resp: 472459
 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

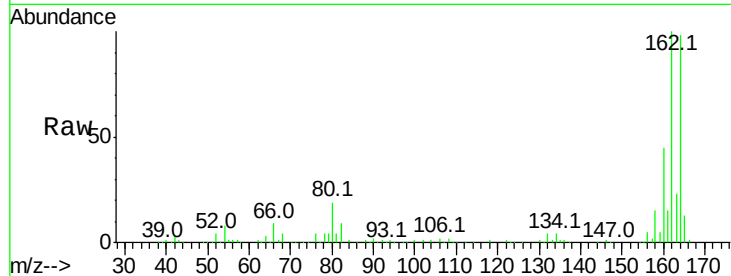




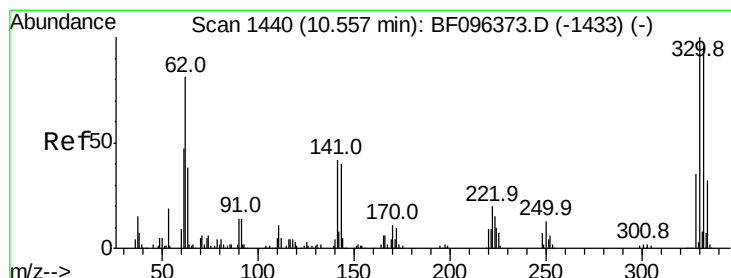
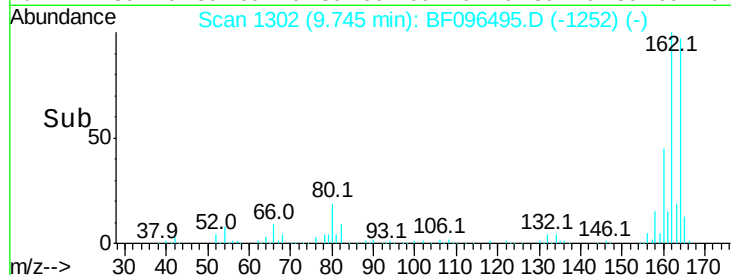
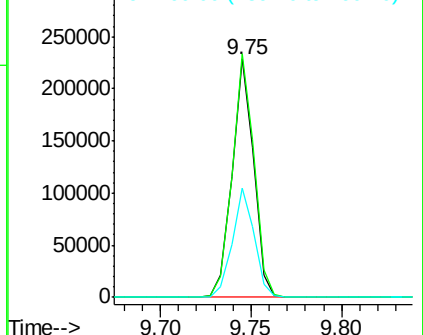
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096495.D
Acq: 5 Jul 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 189485
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 45.9 36.2 54.2

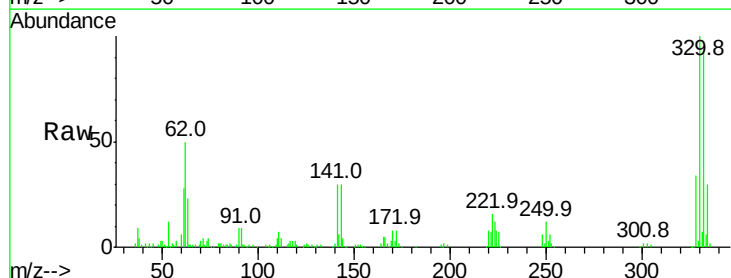


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

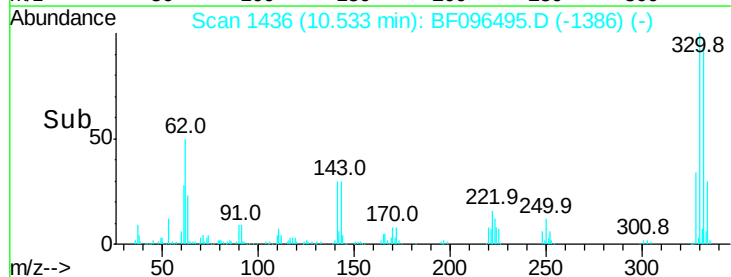
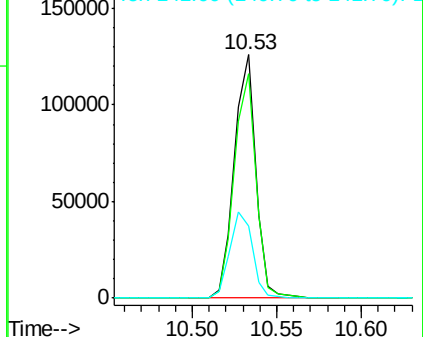


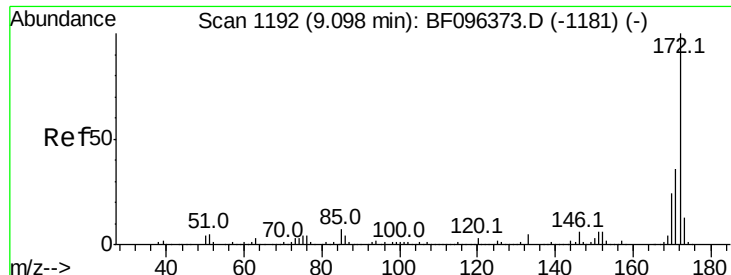
#41
2,4,6-Tribromophenol
Concen: 75.34 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096495.D
Acq: 5 Jul 2017 20:23

Tgt Ion:330 Resp: 111510
Ion Ratio Lower Upper
330 100
332 93.8 76.6 115.0
141 37.8 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

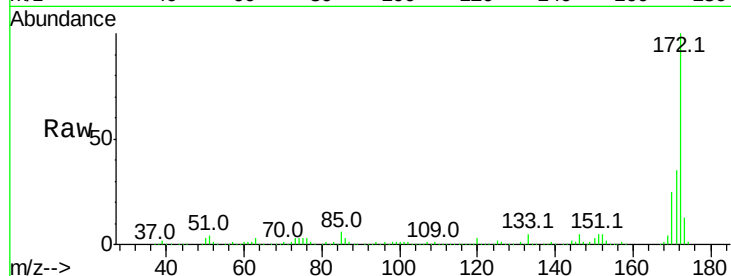




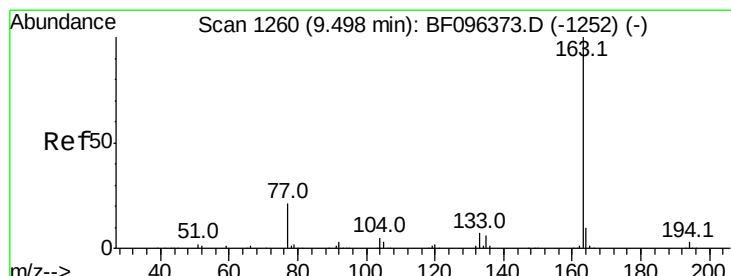
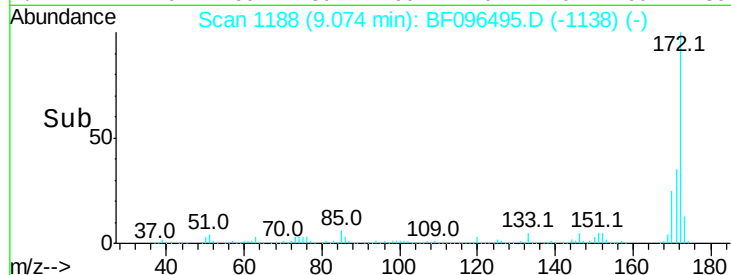
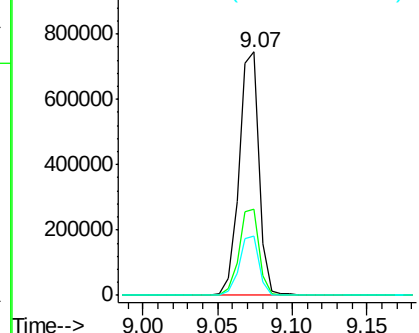
#44
 2-Fluorobiphenyl
 Concen: 63.49 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.6	19.8	29.8

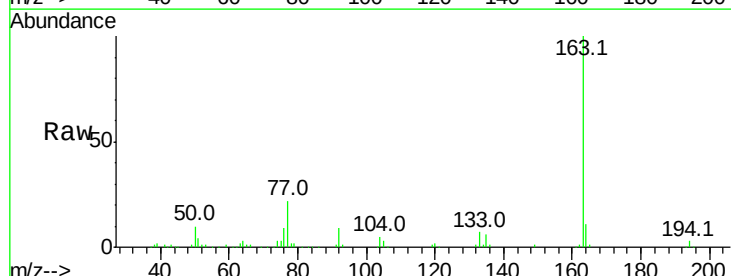


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

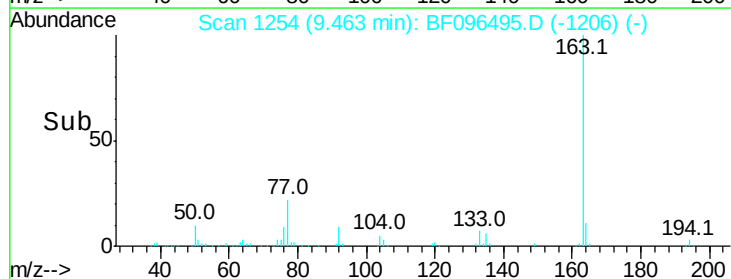
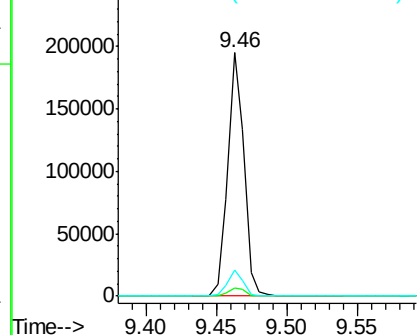


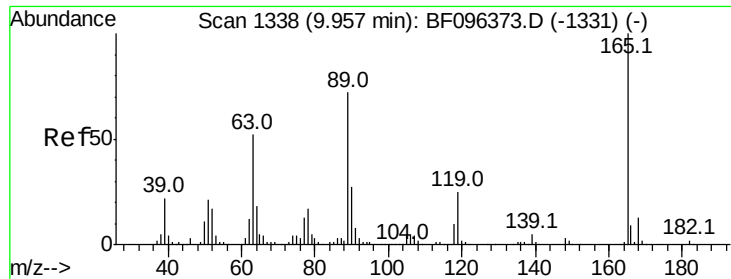
#49
 Dimethylphthalate
 Concen: 11.05 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	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

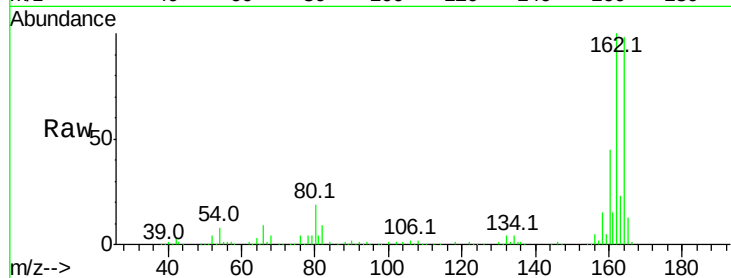




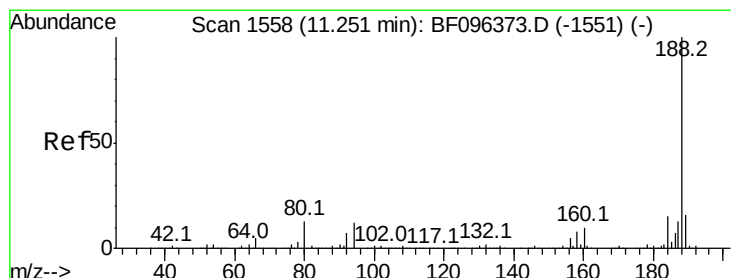
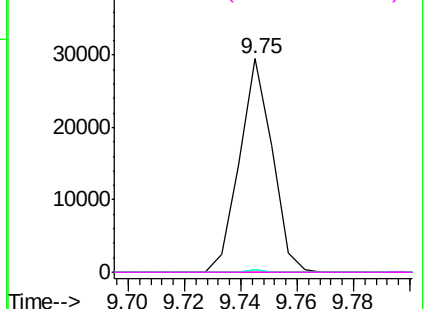
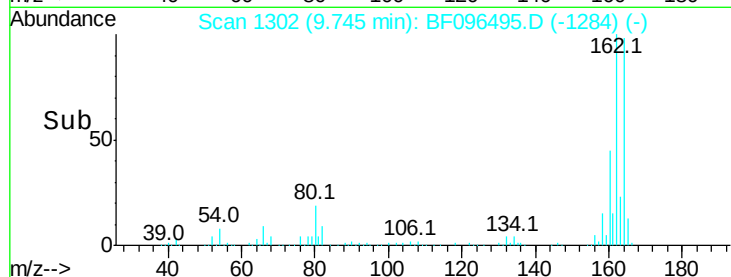
#56
 2,4-Dinitrotoluene
 Concen: 5.99 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23730
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 1.0 46.4 69.6#
 182 0.0 1.8 2.6#

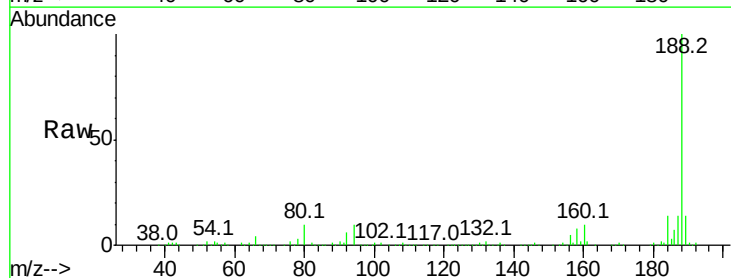


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

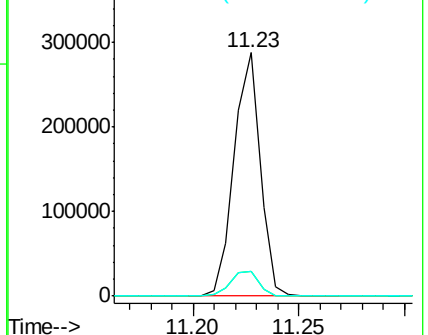
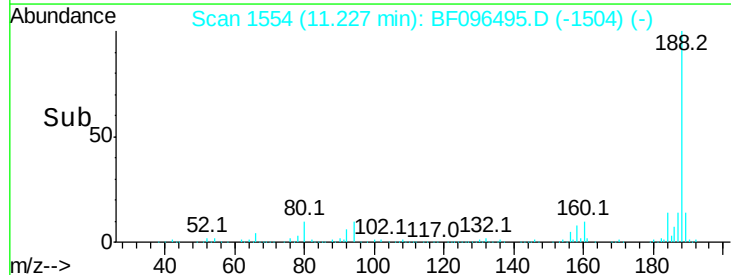


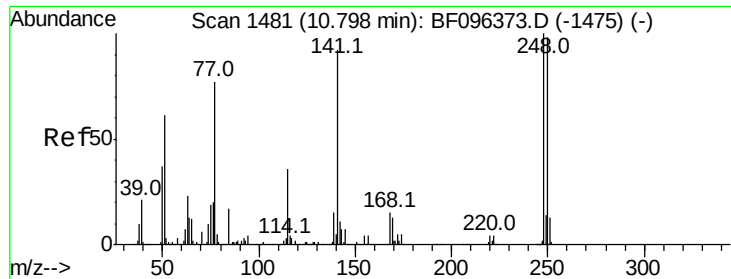
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Tgt Ion:188 Resp: 245557
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.3 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

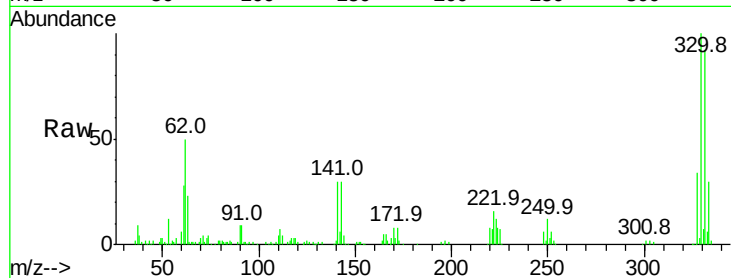




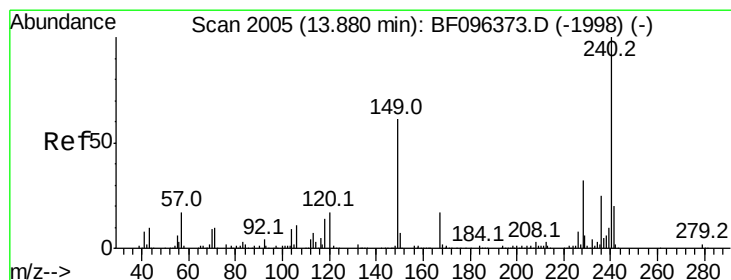
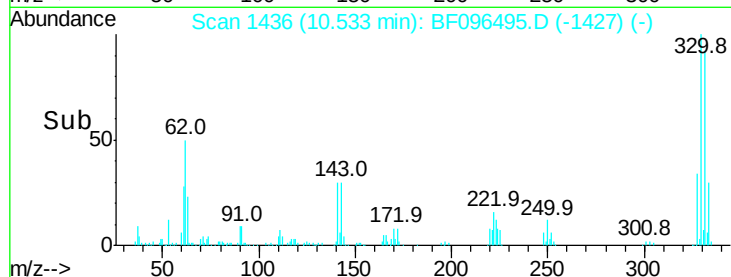
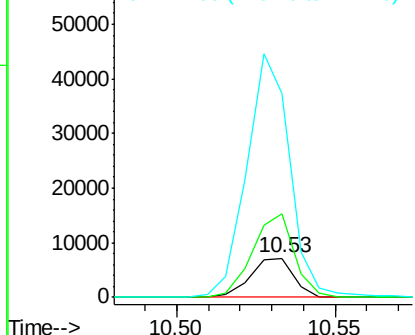
#66
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096495.D
Acq: 5 Jul 2017 20:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6732
Ion Ratio Lower Upper
248 100
250 213.8 76.8 115.2#
141 521.0 68.6 103.0#

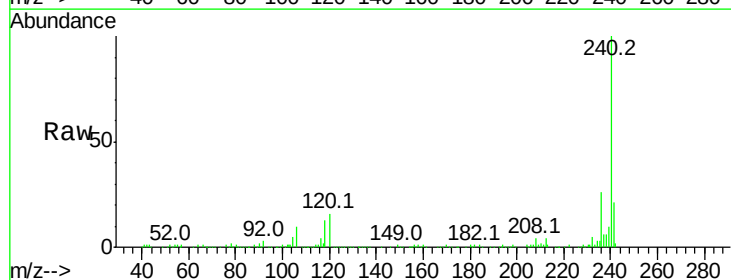


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

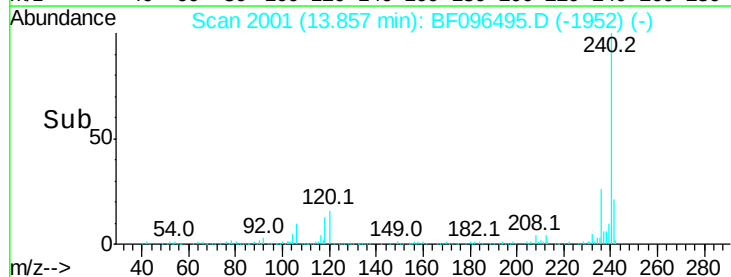
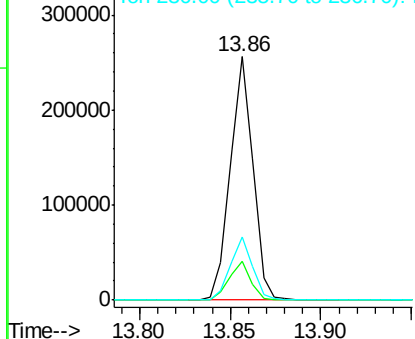


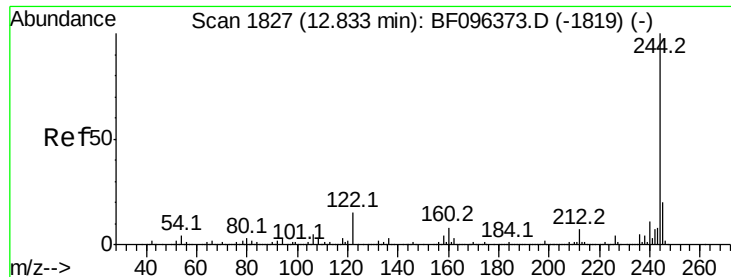
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096495.D
Acq: 5 Jul 2017 20:23

Tgt Ion:240 Resp: 224100
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 26.2 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

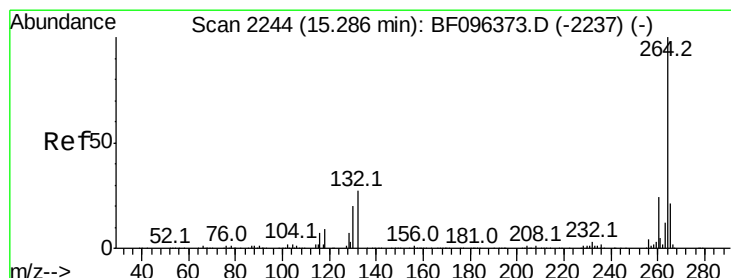
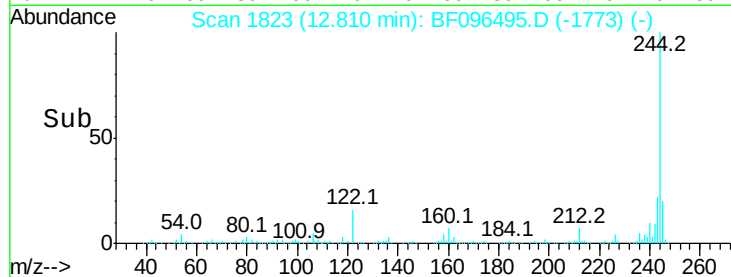
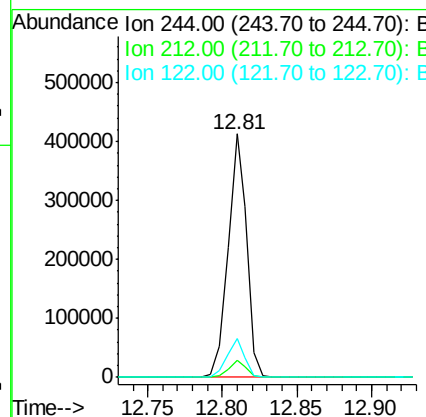
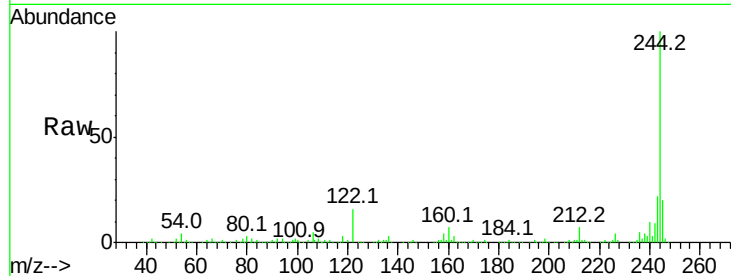




#78
 Terphenyl-d14
 Concen: 34.59 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 362714
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.7 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Tgt Ion:264 Resp: 193369
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.2 17.2 25.8

