

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087156.D
 Acq On : 18 May 2016 21:14
 Operator : UM/SJ
 Sample : H3143-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-I-76(0-2)

Quant Time: May 19 03:52:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

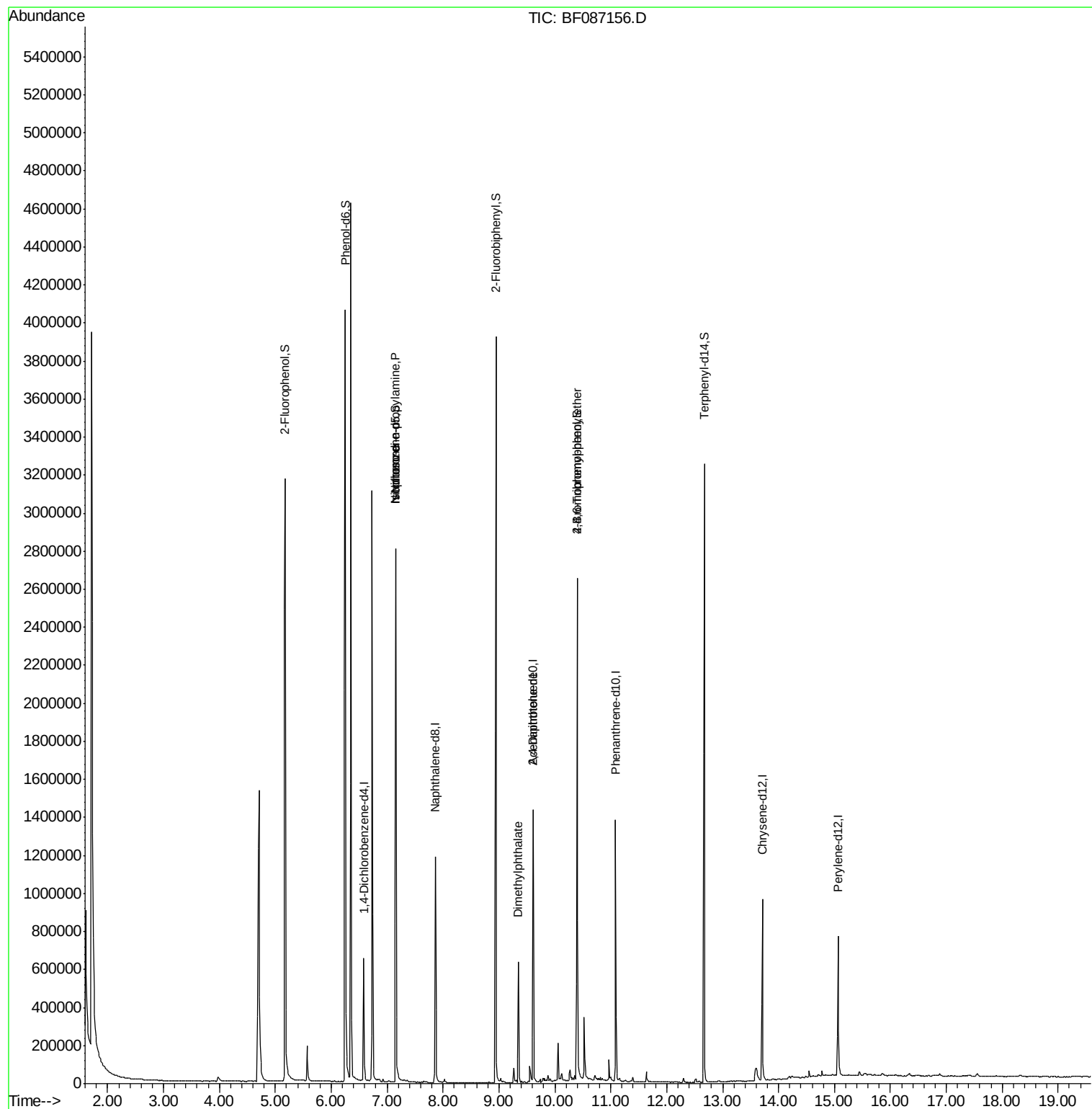
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	129022	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	538896	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	263135	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	486620	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	355476	20.00	ng	-0.05
86) Perylene-d12	15.06	264	305121	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1109526	144.54	ng	-0.02
7) Phenol-d6	6.25	99	1416718	137.61	ng	-0.03
23) Nitrobenzene-d5	7.15	82	906496	83.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	338166	116.30	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1327422	83.55	ng	-0.03
78) Terphenyl-d14	12.67	244	1115888	71.01	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	128396	16.41	ng	# 73
25) Isophorone	7.15	82	721191	36.44	ng	# 68
49) Dimethylphthalate	9.35	163	236138	11.76	ng	99
56) 2,4-Dinitrotoluene	9.61	165	33673	6.03	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	19588	3.91	ng	# 1

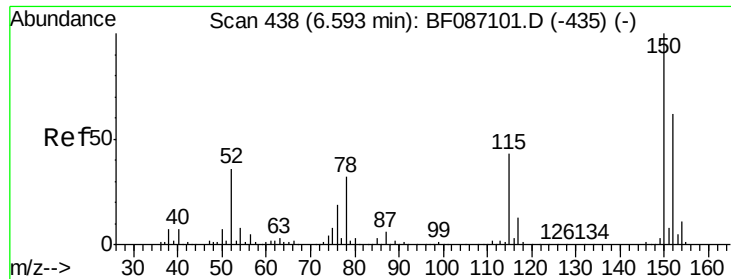
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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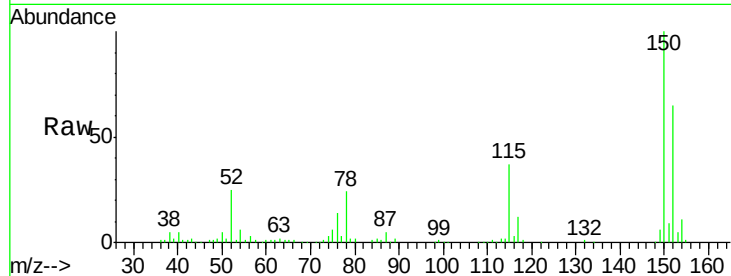


#1

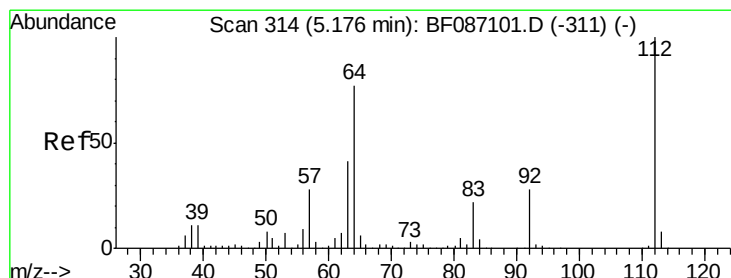
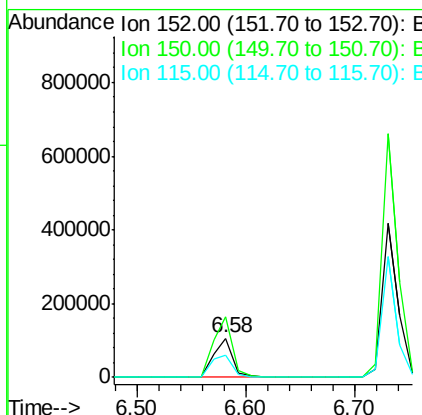
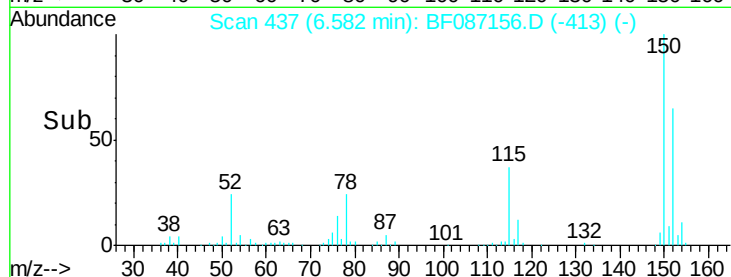
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087156.D
Acq: 18 May 2016 21:14

Instrument :
BNA_F
ClientSampleId :
1-I-76(0-2)

Tgt Ion:152 Resp: 129022
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 57.8 51.5 77.3



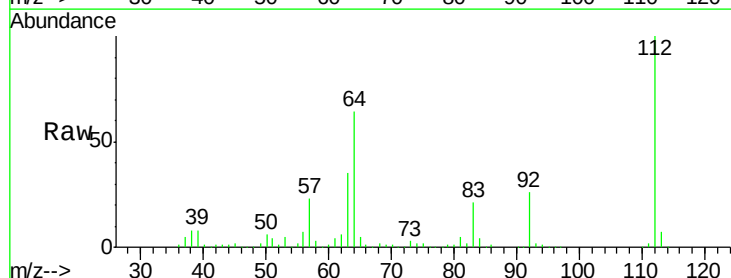
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



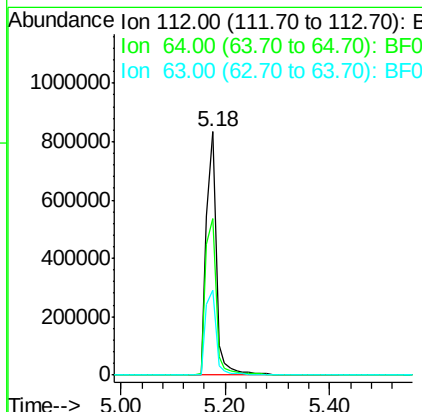
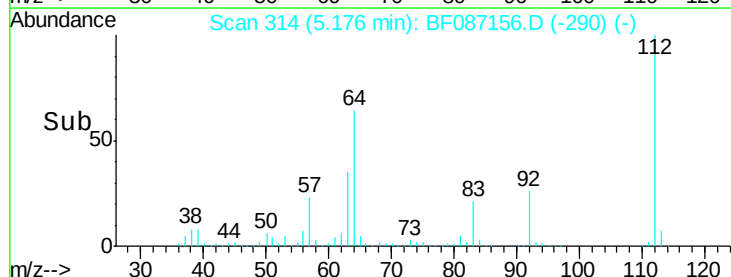
#5

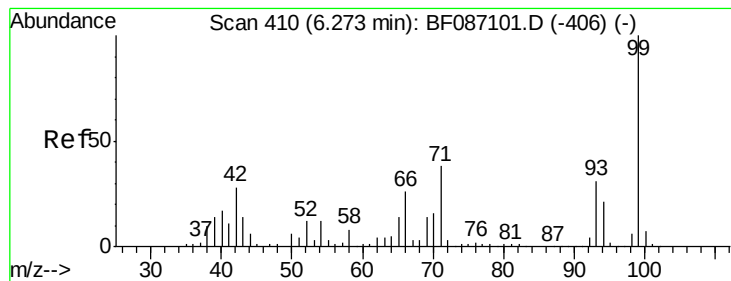
2-Fluorophenol
Concen: 144.54 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.02 min
Lab File: BF087156.D
Acq: 18 May 2016 21:14

Tgt Ion:112 Resp: 1109526
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 34.9 25.7 38.5



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: 137.61 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087156.D

Acq: 18 May 2016 21:14

Instrument :

BNA_F

ClientSampled :

1-I-76(0-2)

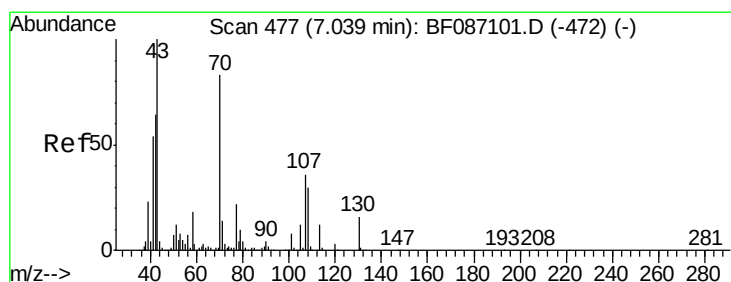
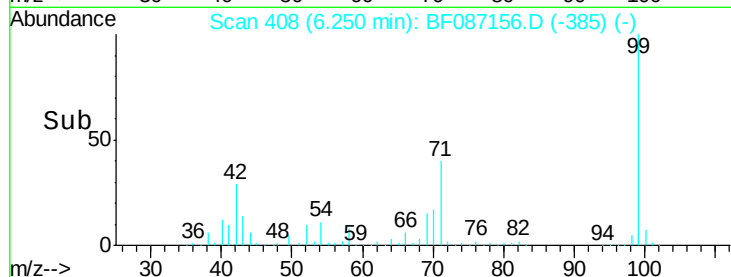
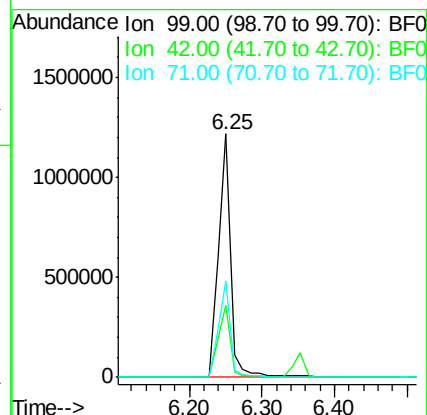
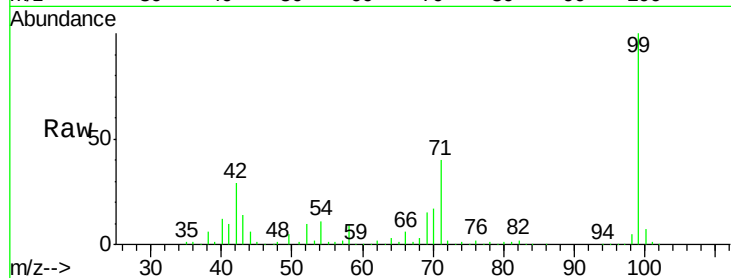
Tgt Ion: 99 Resp: 1416718

Ion Ratio Lower Upper

99 100

42 29.4 13.6 20.4#

71 39.6 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 16.41 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087156.D

Acq: 18 May 2016 21:14

Tgt Ion: 70 Resp: 128396

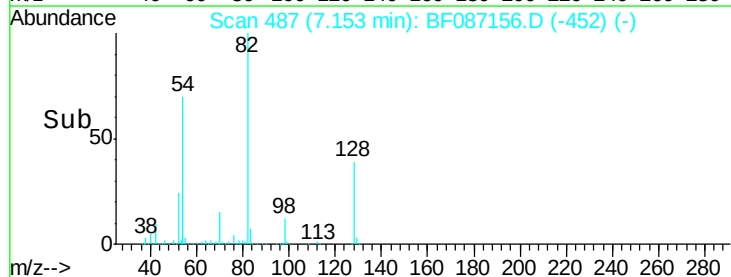
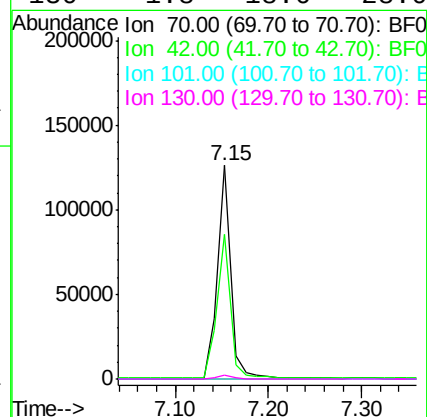
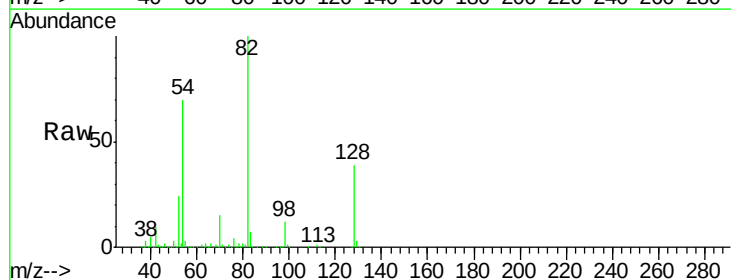
Ion Ratio Lower Upper

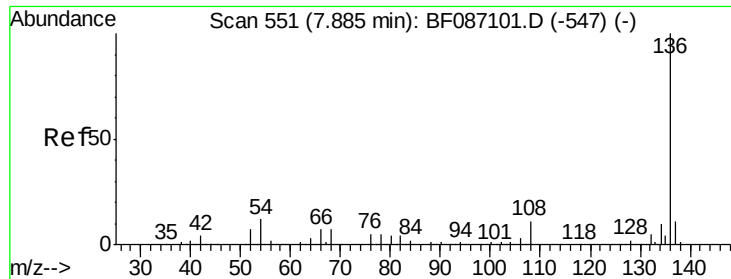
70 100

42 67.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

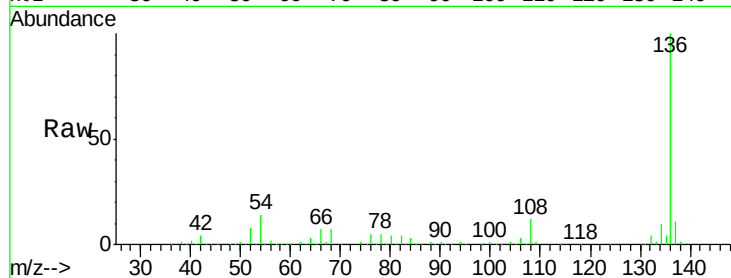




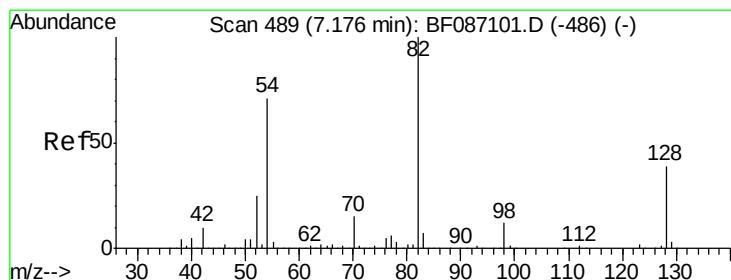
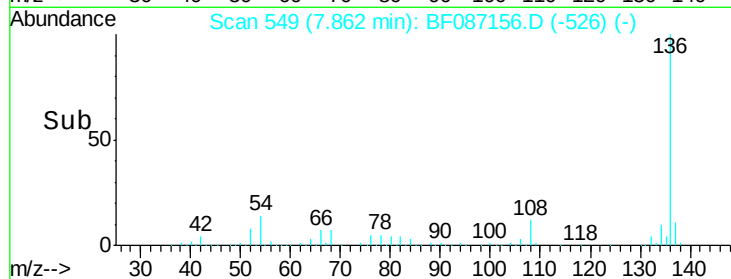
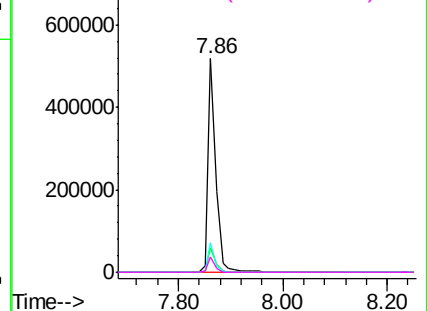
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087156.D
Acq: 18 May 2016 21:14

Instrument :
BNA_F
ClientSampleId :
1-I-76(0-2)

Tgt Ion:	136	Resp:	538896
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.0	5.0	7.4#
68	7.3	4.4	6.6#

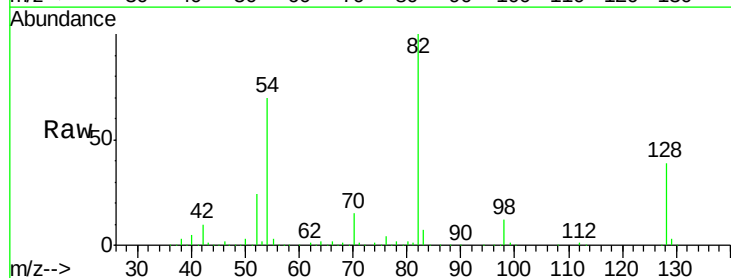


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

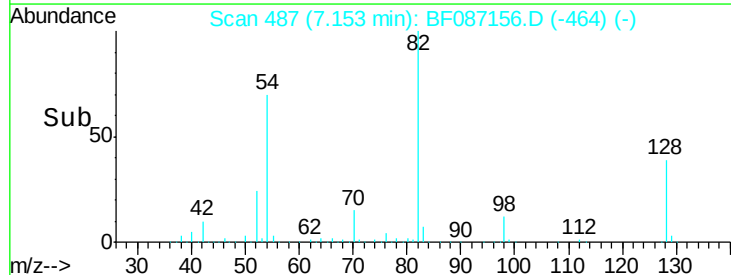
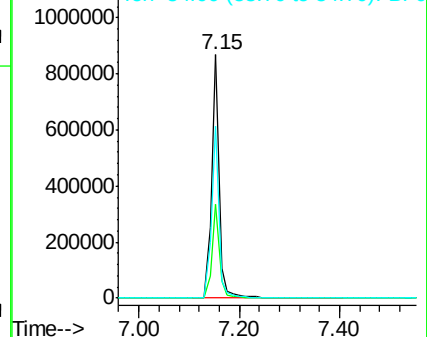


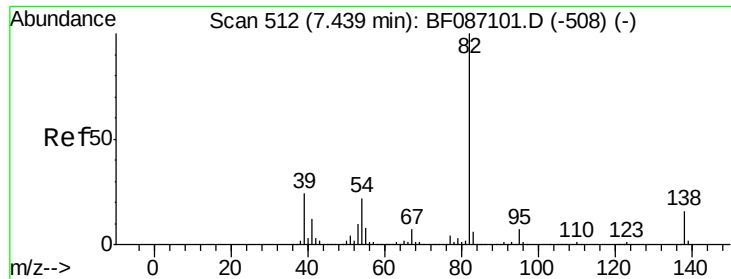
#23
Nitrobenzene-d5
Concen: 83.83 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087156.D
Acq: 18 May 2016 21:14

Tgt Ion:	82	Resp:	906496
Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	70.5	38.1	57.1#



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: 36.44 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087156.D

Acq: 18 May 2016 21:14

Instrument :

BNA_F

ClientSampled :

1-I-76(0-2)

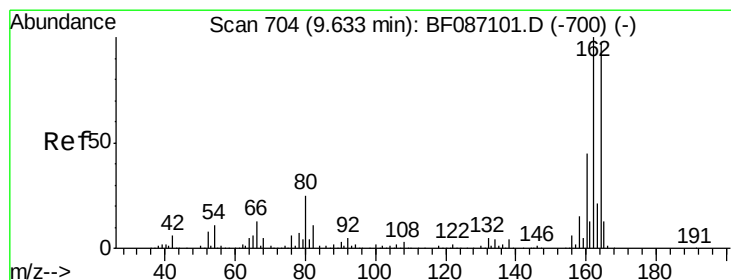
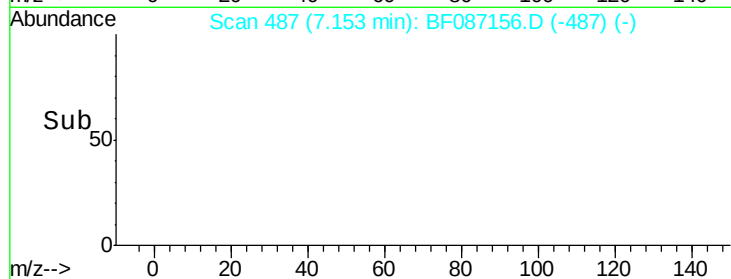
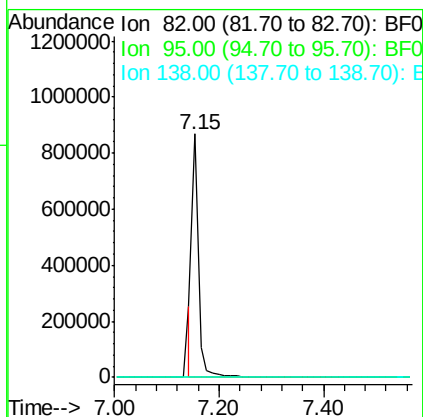
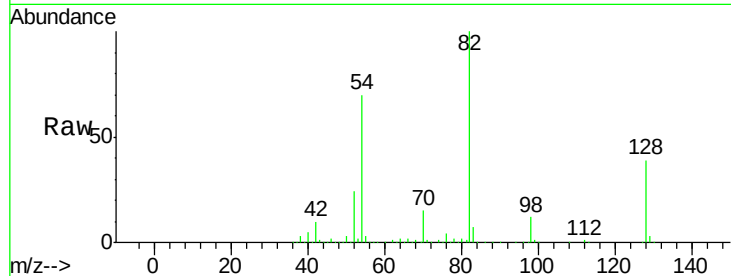
Tgt Ion: 82 Resp: 721191

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087156.D

Acq: 18 May 2016 21:14

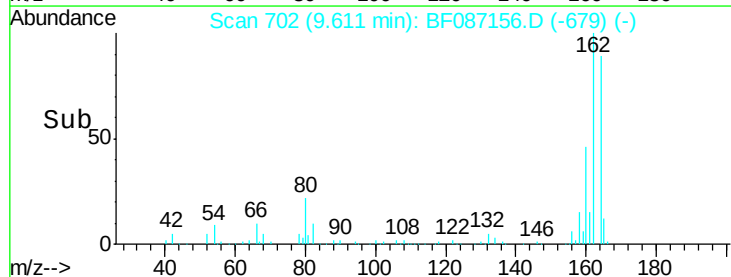
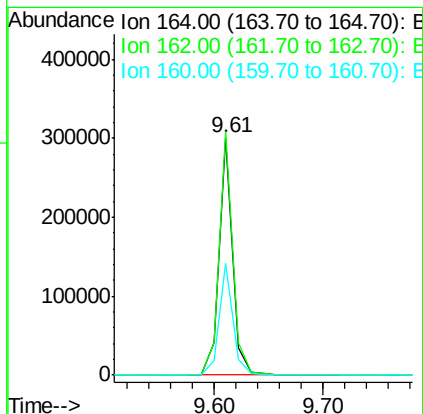
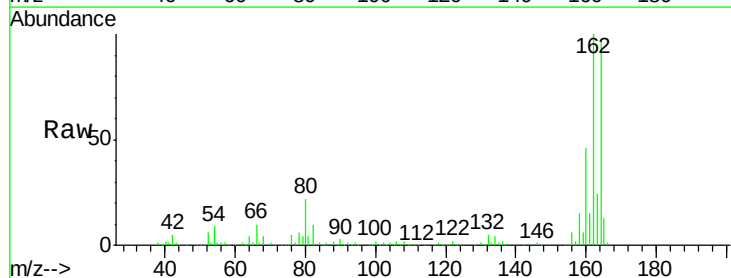
Tgt Ion: 164 Resp: 263135

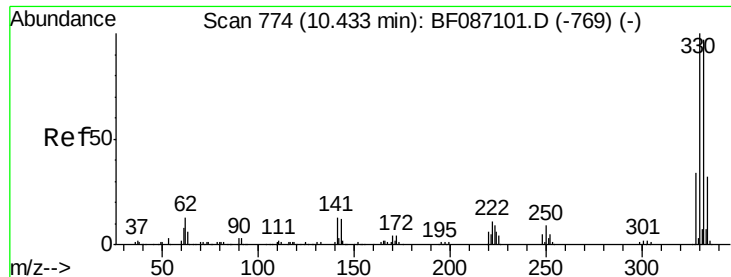
Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

160 47.0 36.9 55.3

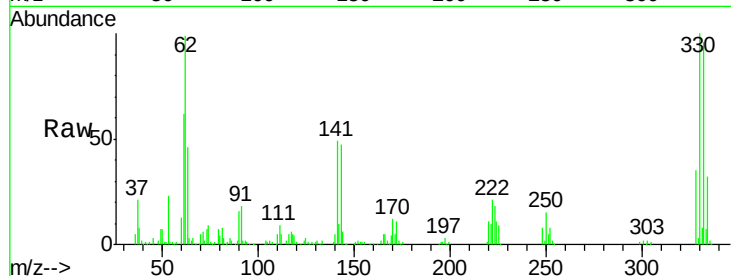




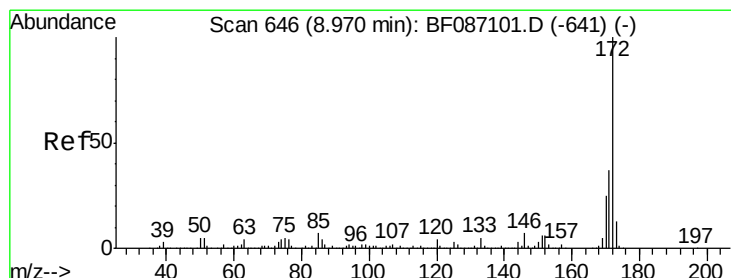
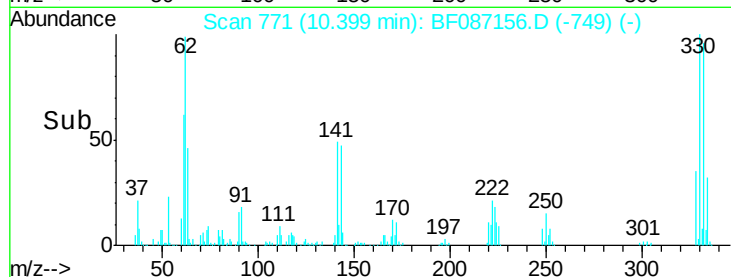
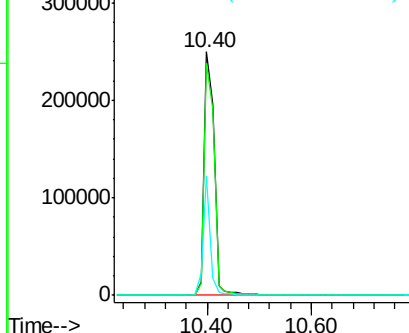
#41
 2,4,6-Tribromophenol
 Concen: 116.30 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087156.D
 Acq: 18 May 2016 21:14

Instrument :
 BNA_F
 ClientSampleId :
 1-I-76(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.0	118.4
141	34.8	31.2	46.8

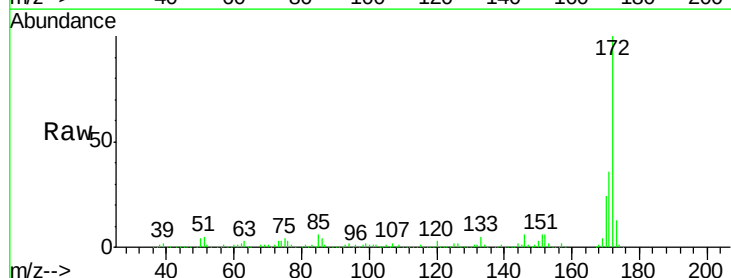


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

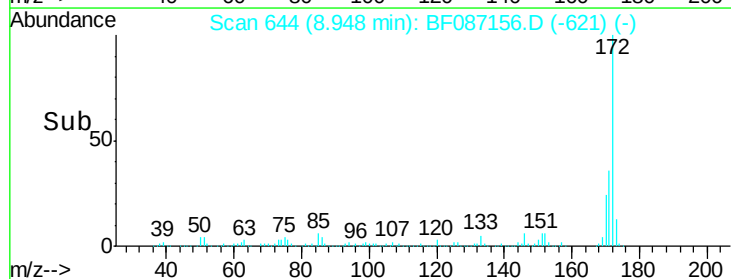
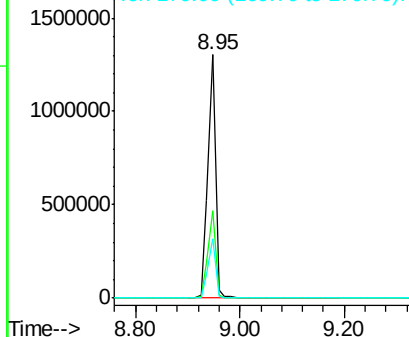


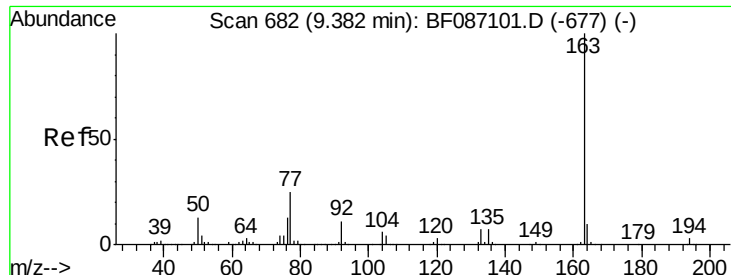
#44
 2-Fluorobiphenyl
 Concen: 83.55 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087156.D
 Acq: 18 May 2016 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
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

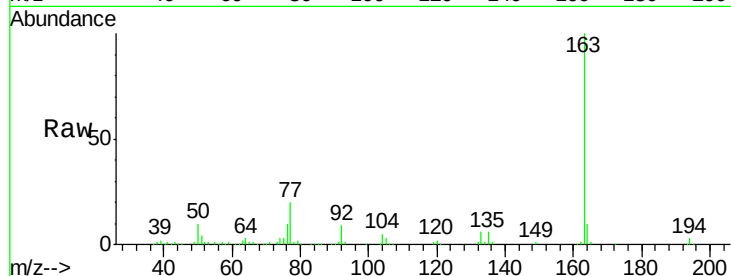




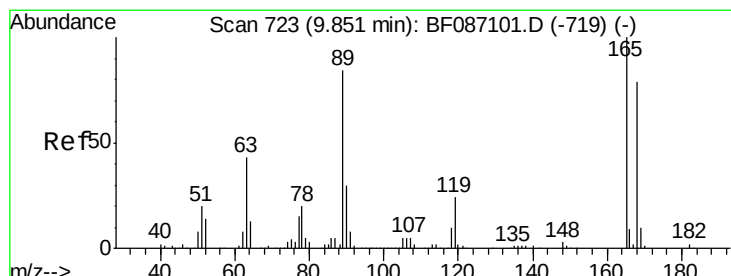
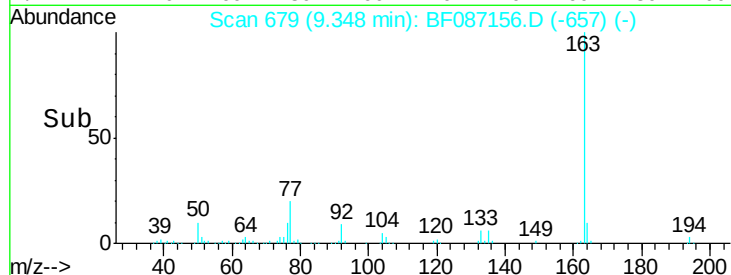
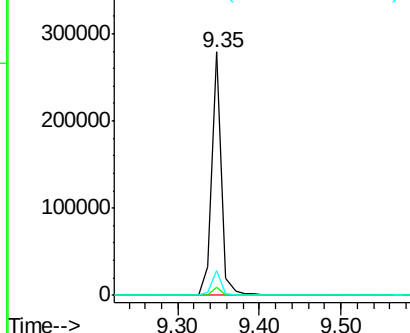
#49
Dimethylphthalate
Concen: 11.76 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087156.D
Acq: 18 May 2016 21:14

Instrument :
BNA_F
ClientSampleId :
1-I-76(0-2)

Tgt Ion:163 Resp: 236138
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.2 12.4

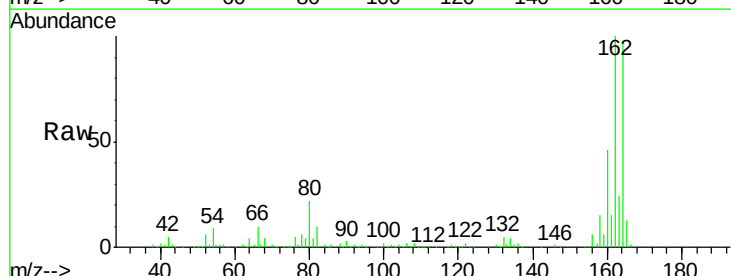


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

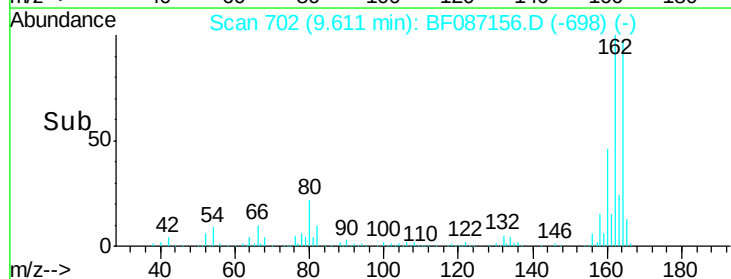
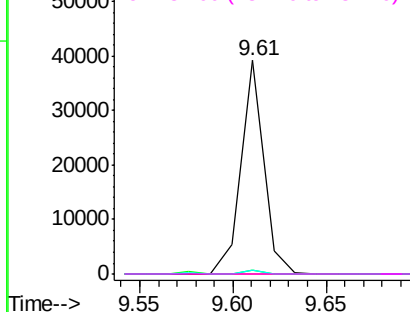


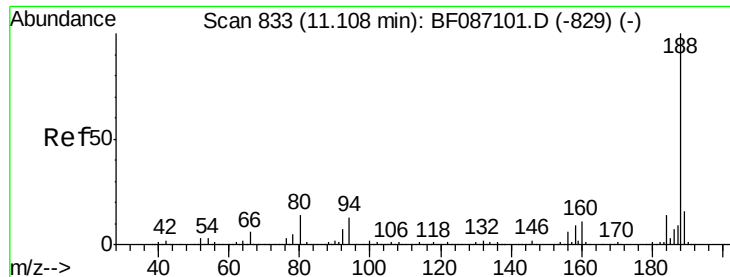
#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087156.D
Acq: 18 May 2016 21:14

Tgt Ion:165 Resp: 33673
Ion Ratio Lower Upper
165 100
63 1.8 44.3 66.5#
89 2.0 70.0 105.0#
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

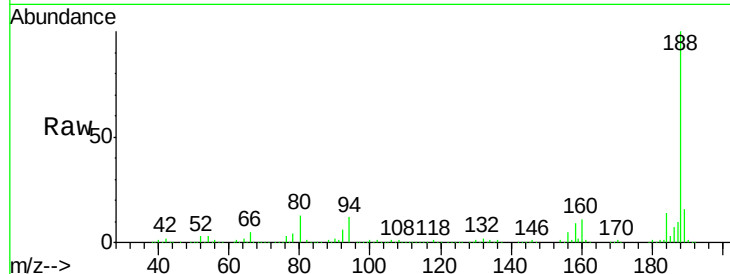




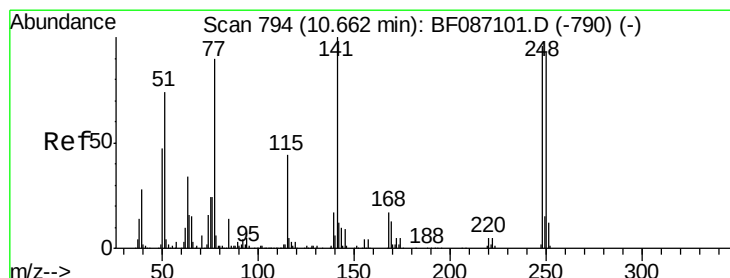
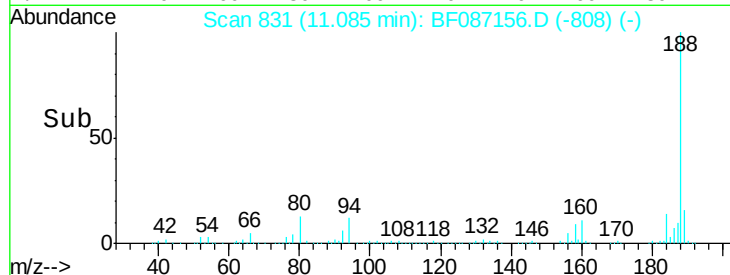
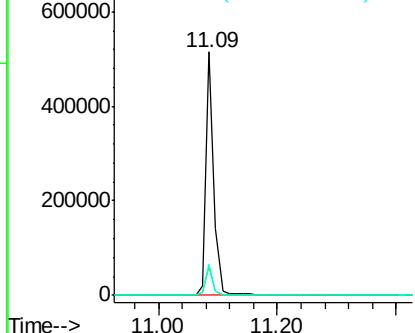
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087156.D
 Acq: 18 May 2016 21:14

Instrument :
 BNA_F
 ClientSampleId :
 1-I-76(0-2)

Tgt Ion:188 Resp: 486620
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.8 10.2#
 80 12.8 7.1 10.7#

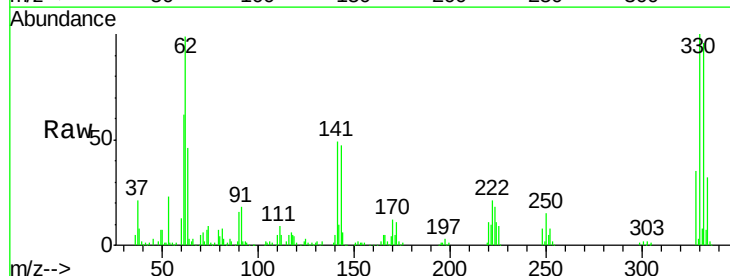


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

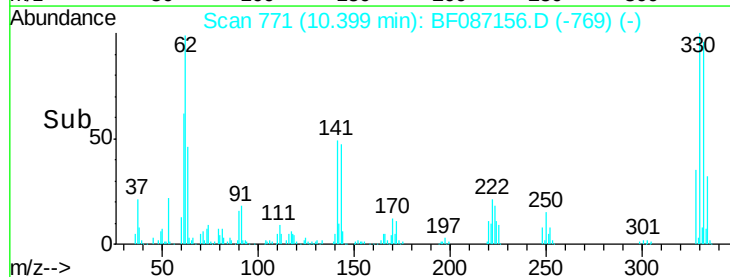
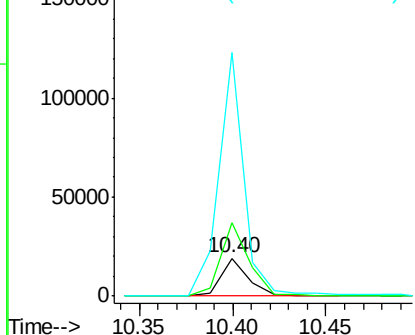


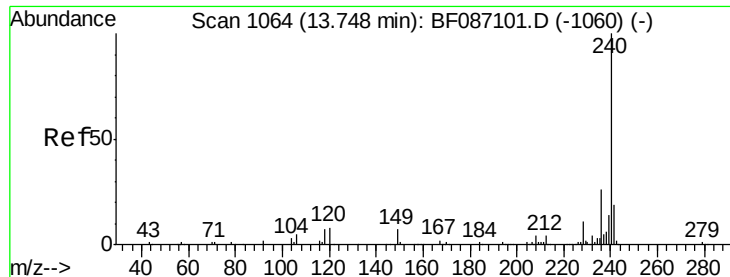
#66
 4-Bromophenyl-phenylether
 Concen: 3.91 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087156.D
 Acq: 18 May 2016 21:14

Tgt Ion:248 Resp: 19588
 Ion Ratio Lower Upper
 248 100
 250 194.6 78.6 117.8#
 141 648.5 76.0 114.0#



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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087156.D

Acq: 18 May 2016 21:14

Instrument :

BNA_F

ClientSampleId :

1-I-76(0-2)

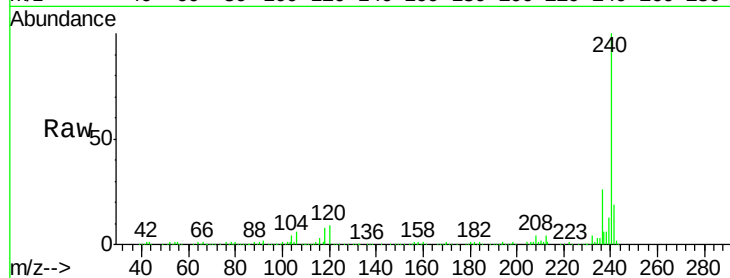
Tgt Ion:240 Resp: 355476

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

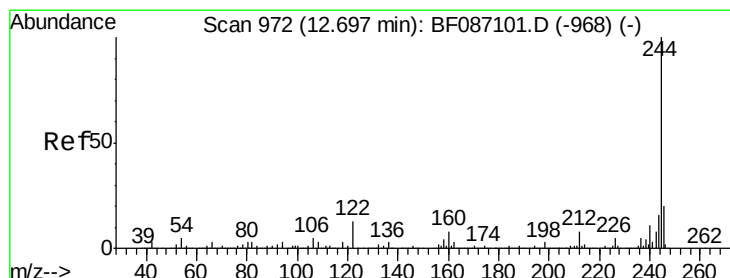
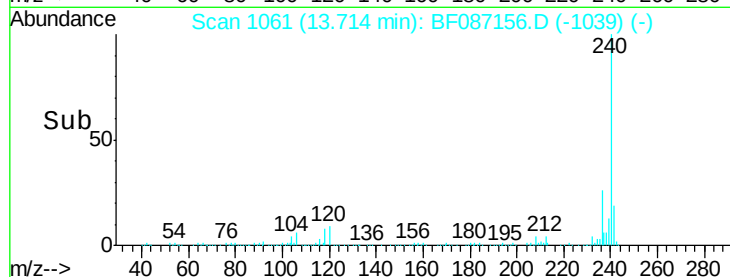
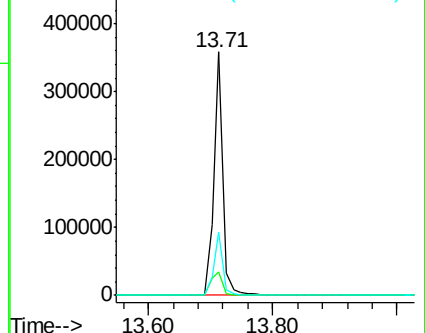
236 26.0 21.2 31.8



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: 71.01 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087156.D

Acq: 18 May 2016 21:14

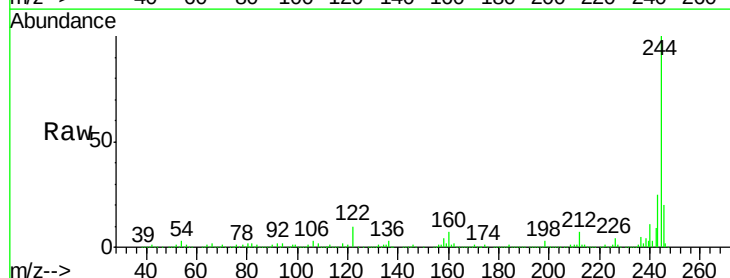
Tgt Ion:244 Resp: 1115888

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

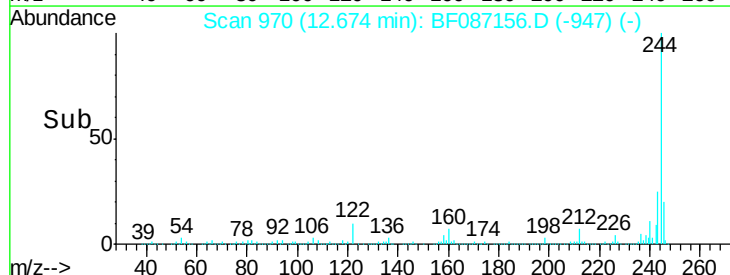
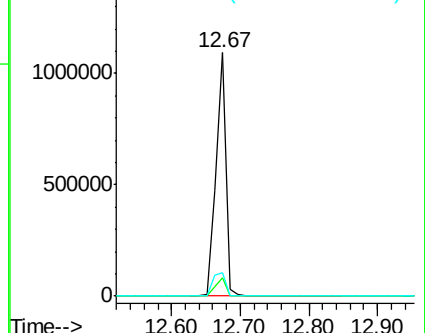
122 9.7 12.0 18.0#

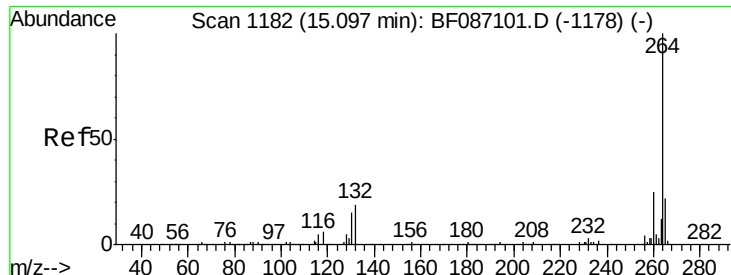


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

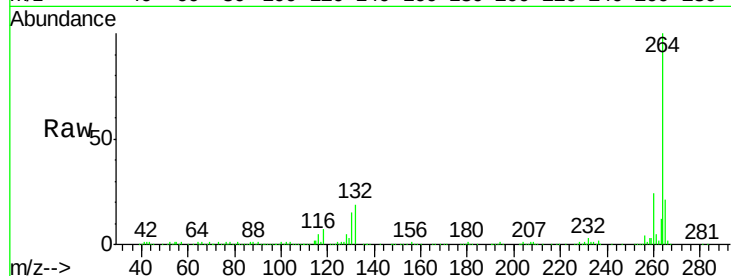




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087156.D
Acq: 18 May 2016 21:14

Instrument :
BNA_F
ClientSampleId :
1-I-76(0-2)

Tgt Ion:	264	Resp:	305121
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9



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

