

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087171.D
 Acq On : 19 May 2016 5:17
 Operator : UM/SJ
 Sample : H3105-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: May 19 05:47:44 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

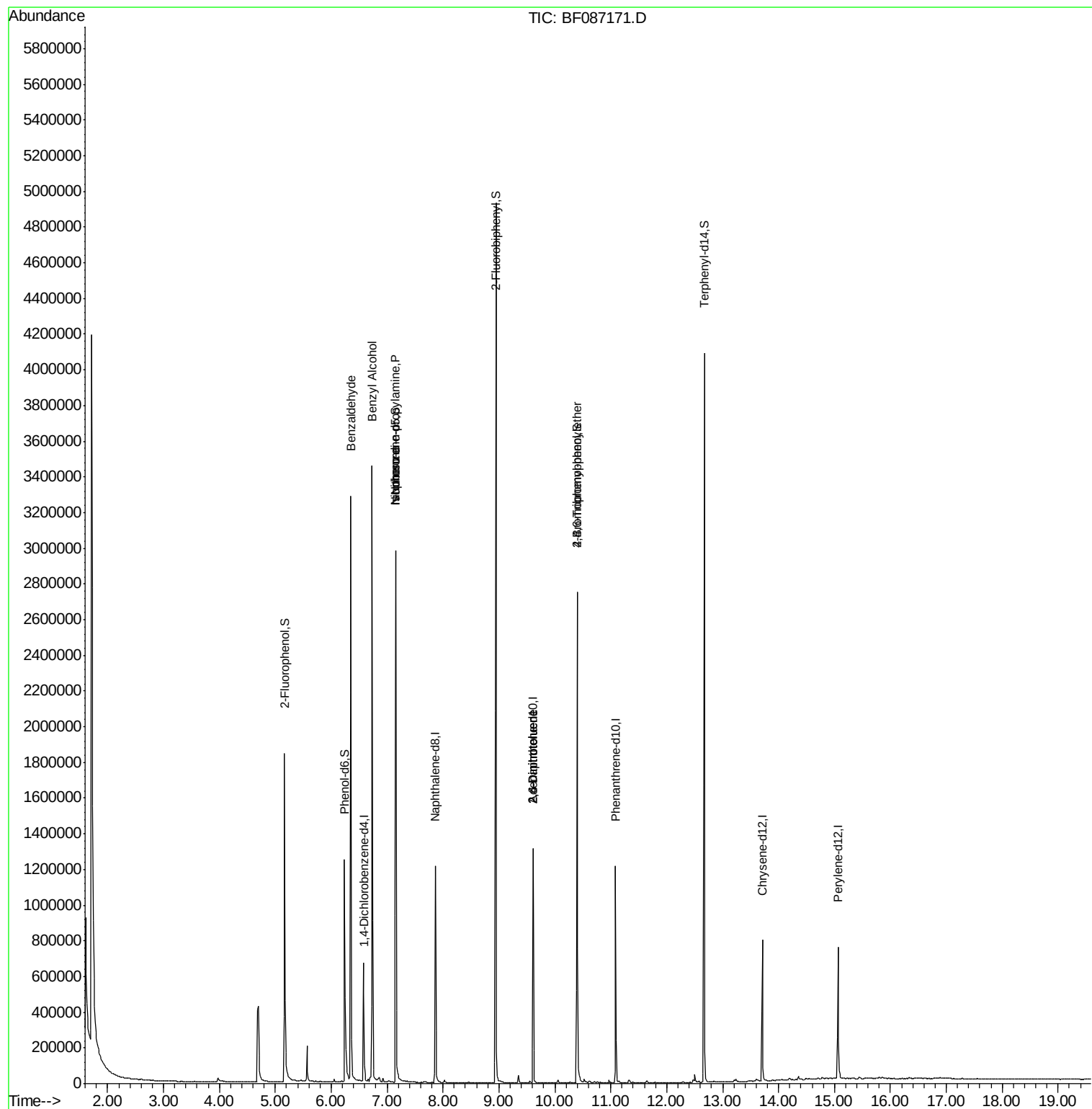
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	126498	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	518368	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	238543	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	403014	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	312569	20.00	ng	-0.05
86) Perylene-d12	15.06	264	308460	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	532919	70.81	ng	-0.03
7) Phenol-d6	6.24	99	444336	44.02	ng	-0.05
23) Nitrobenzene-d5	7.15	82	984084	94.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	336651	127.71	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1566603	108.77	ng	-0.03
78) Terphenyl-d14	12.67	244	1287942	93.21	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.35	77	26732	3.67	ng	# 82
15) Benzyl Alcohol	6.73	79	16937	2.25	ng	# 43
19) n-Nitroso-di-n-propylamine	7.15	70	141354	18.42	ng	# 74
25) Isophorone	7.15	82	773313	40.62	ng	# 68
50) 2,6-Dinitrotoluene	9.61	165	30314	7.67	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	30314	5.99	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	19974	4.82	ng	# 1

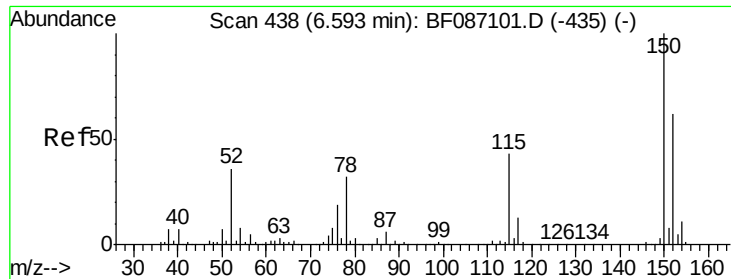
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087171.D

Acq: 19 May 2016 5:17

Instrument :

BNA_F

ClientSampleId :

W-12

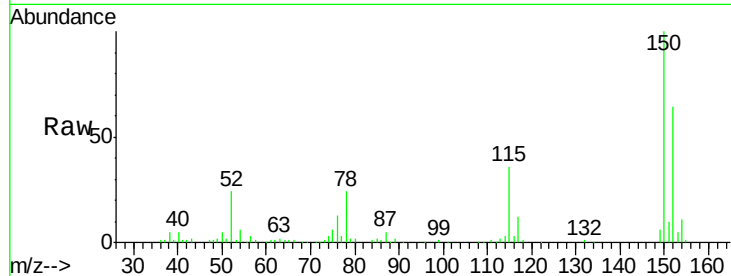
Tgt Ion:152 Resp: 126498

Ion Ratio Lower Upper

152 100

150 155.2 125.8 188.6

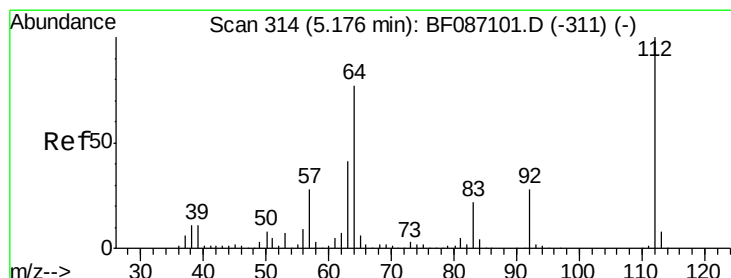
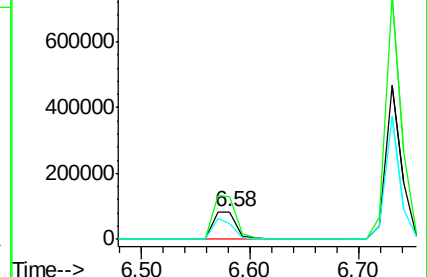
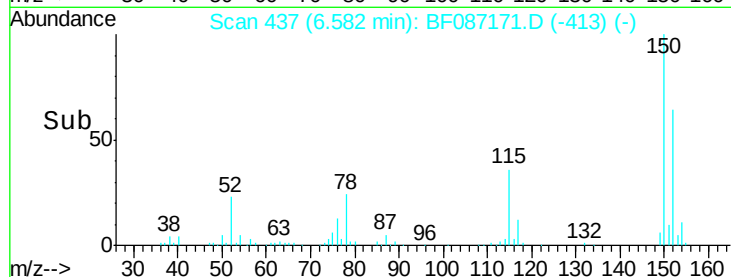
115 56.4 51.5 77.3



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: 70.81 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087171.D

Acq: 19 May 2016 5:17

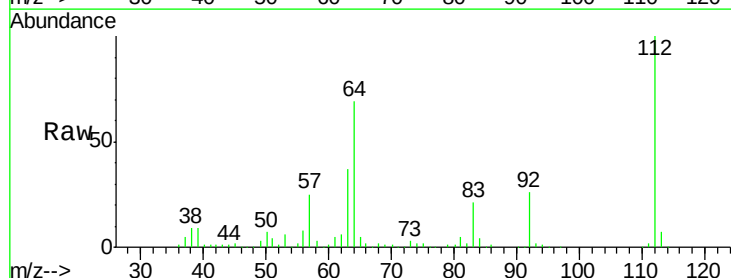
Tgt Ion:112 Resp: 532919

Ion Ratio Lower Upper

112 100

64 69.1 52.1 78.1

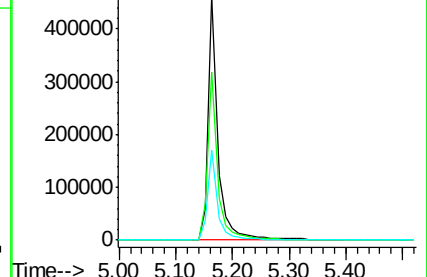
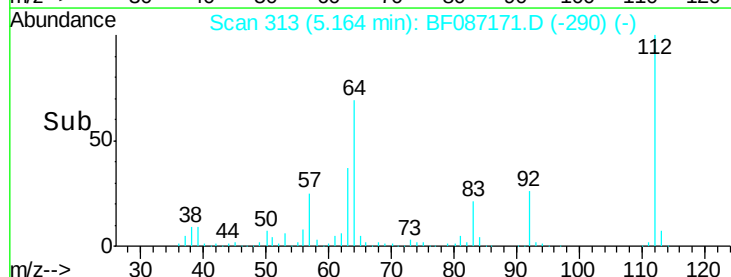
63 37.0 25.7 38.5

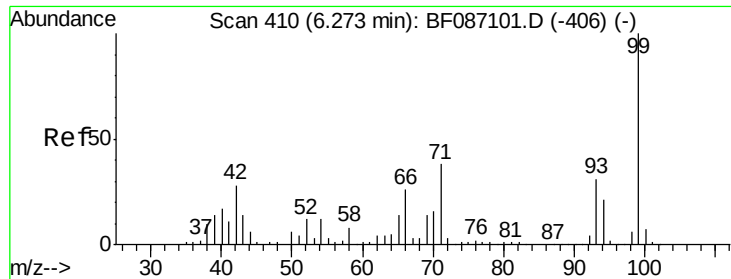


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.02 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087171.D

Acq: 19 May 2016 5:17

Instrument :

BNA_F

ClientSampled :

W-12

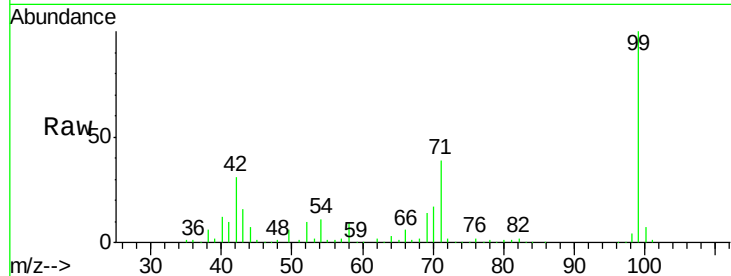
Tgt Ion: 99 Resp: 444336

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

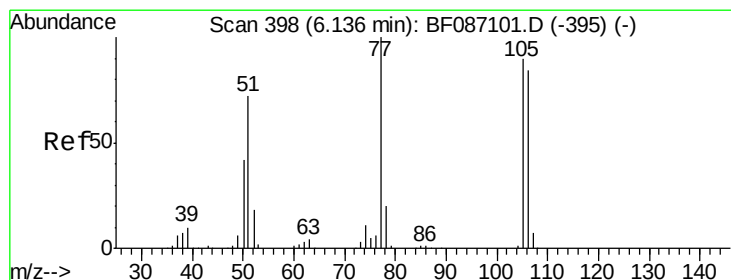
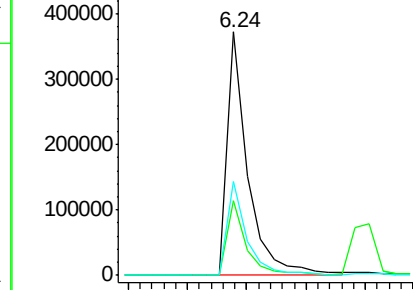
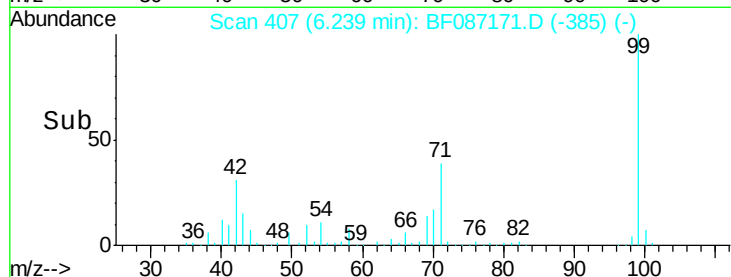
71 38.7 24.6 36.8#



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



#9

Benzaldehyde

Concen: 3.67 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF087171.D

Acq: 19 May 2016 5:17

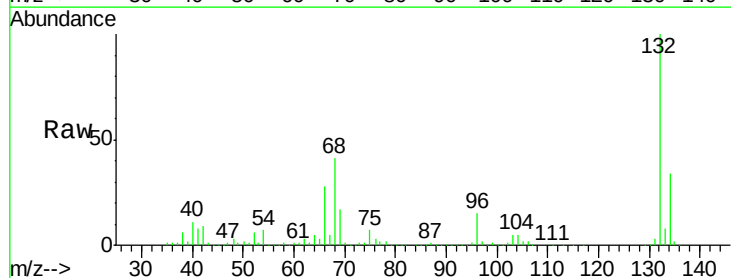
Tgt Ion: 77 Resp: 26732

Ion Ratio Lower Upper

77 100

105 80.5 72.7 112.7

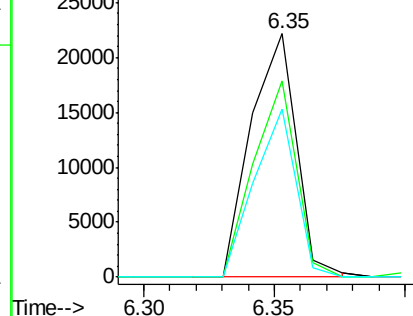
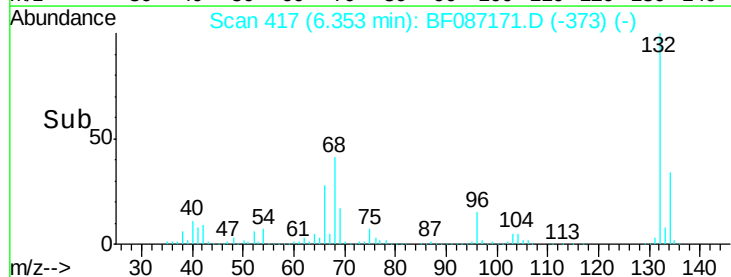
106 69.2 70.8 110.8#

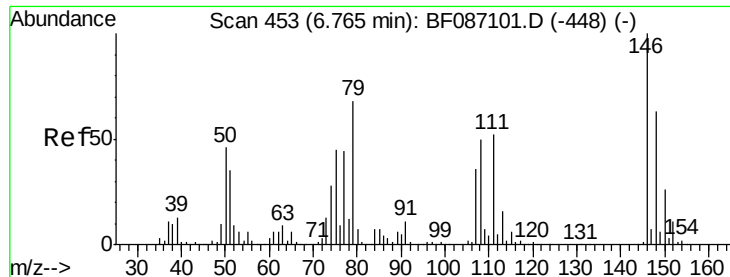


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087171.D

Acq: 19 May 2016 5:17

Instrument :

BNA_F

ClientSampleId :

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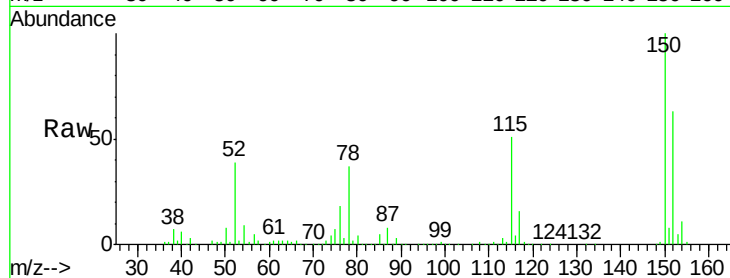
Tgt Ion: 79 Resp: 16937

Ion Ratio Lower Upper

79 100

108 28.9 68.4 102.6#

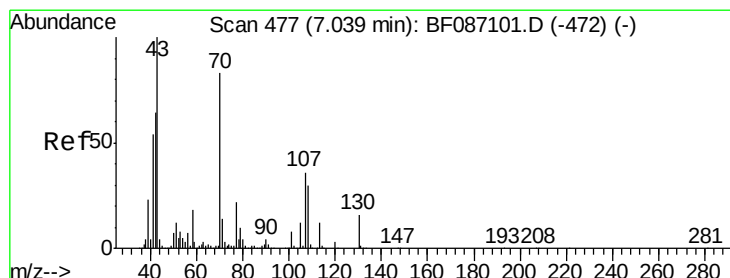
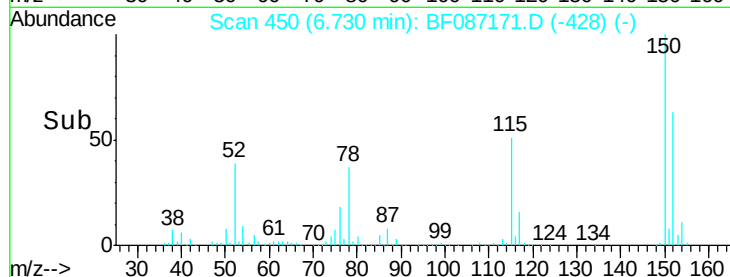
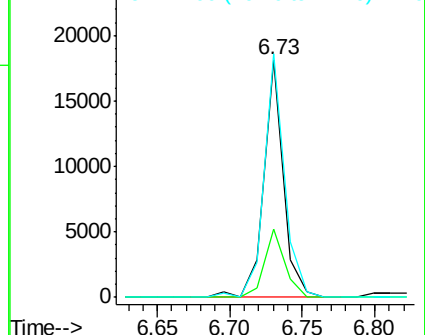
77 102.6 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.42 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087171.D

Acq: 19 May 2016 5:17

Tgt Ion: 70 Resp: 141354

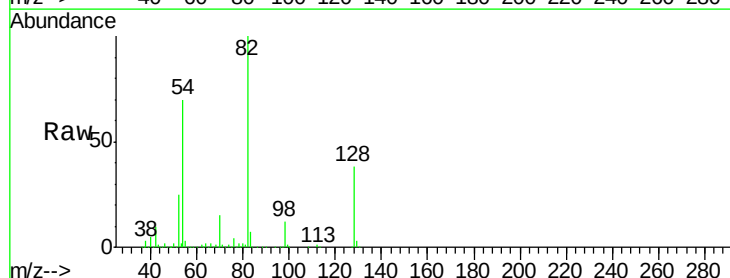
Ion Ratio Lower Upper

70 100

42 67.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

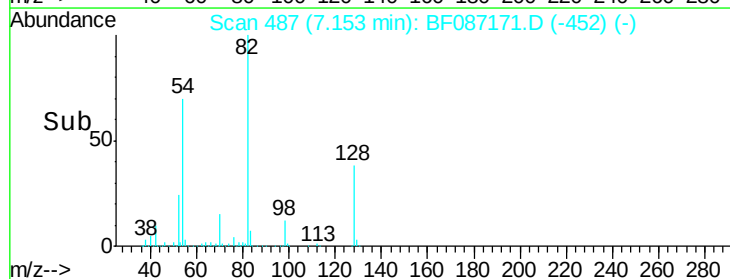
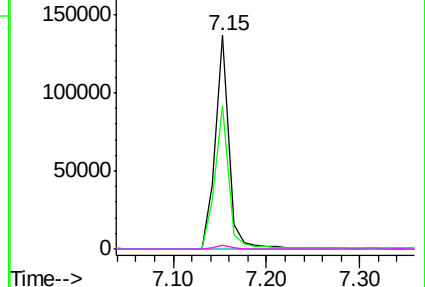


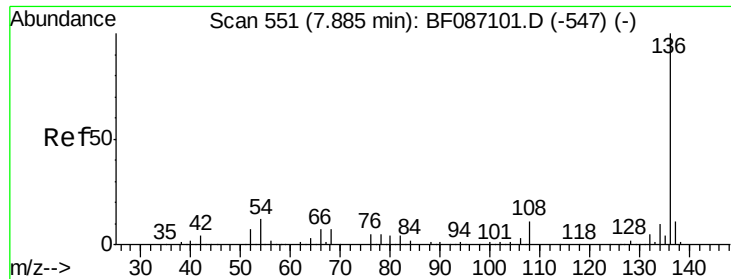
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

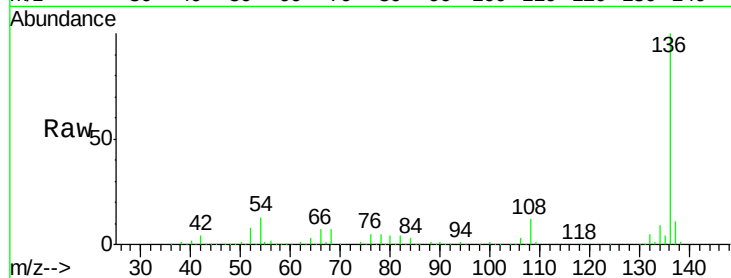




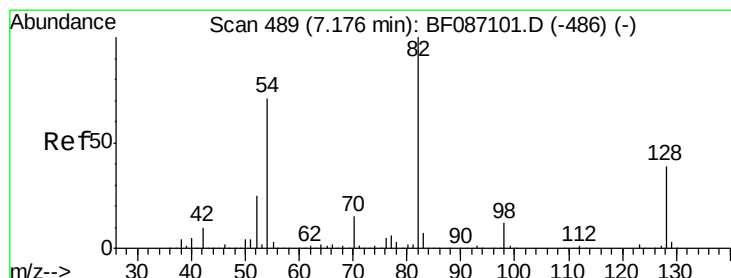
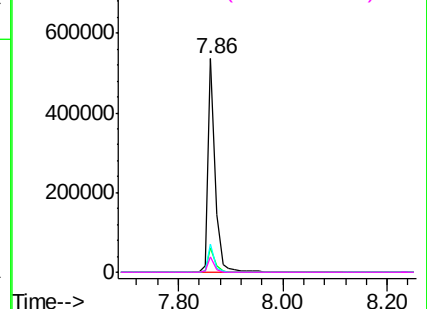
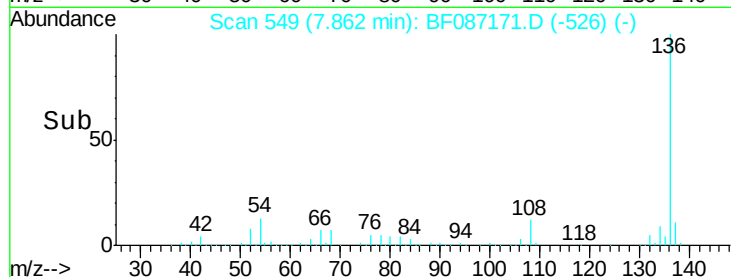
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087171.D
Acq: 19 May 2016 5:17

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	518368
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.4	5.0	7.4#
68	7.0	4.4	6.6#

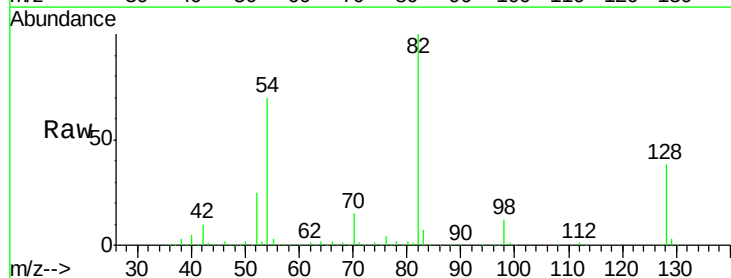


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

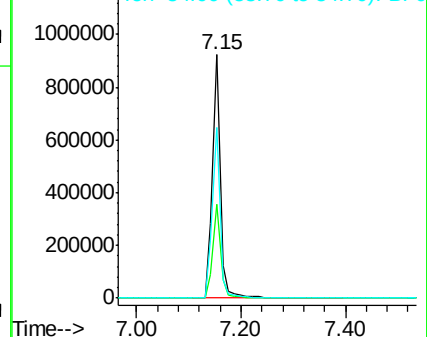
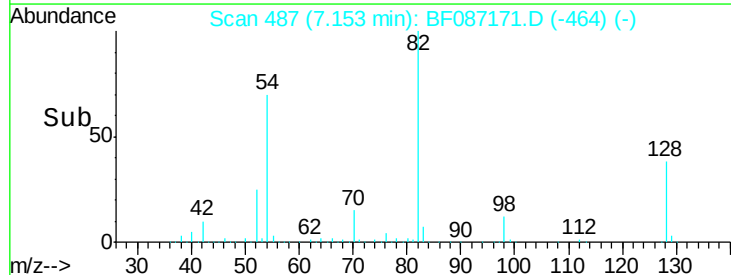


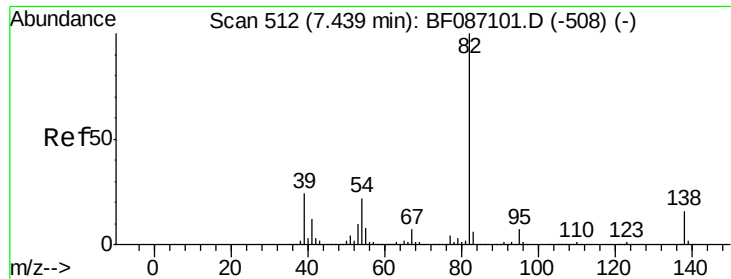
#23
Nitrobenzene-d5
Concen: 94.61 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087171.D
Acq: 19 May 2016 5:17

Tgt Ion:	82	Resp:	984084
Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.6	61.0#
54	70.1	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

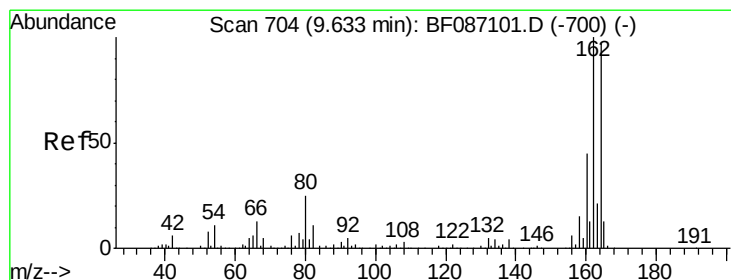
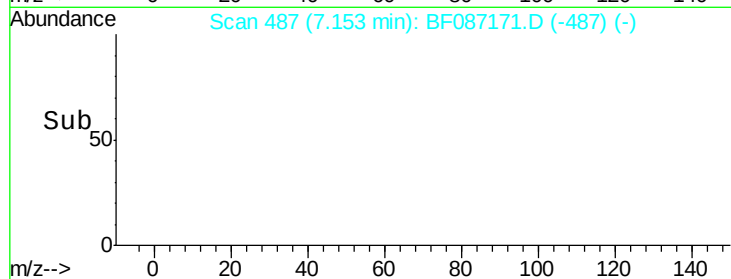
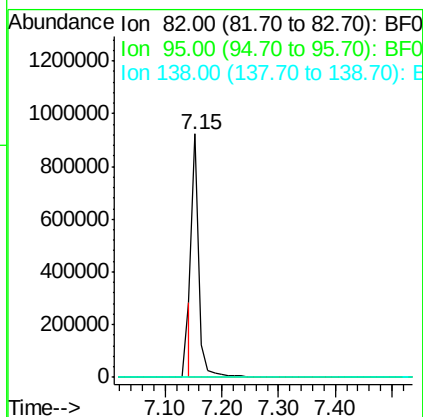
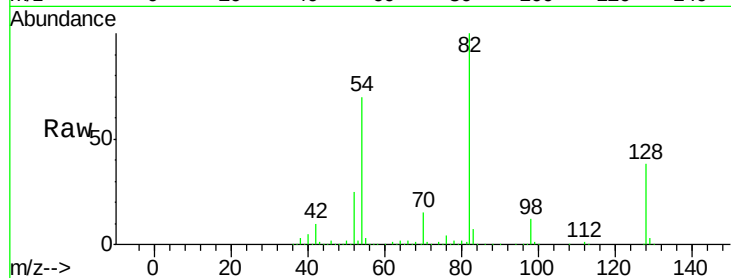




#25
Isophorone
Concen: 40.62 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.30 min
Lab File: BF087171.D
Acq: 19 May 2016 5:17

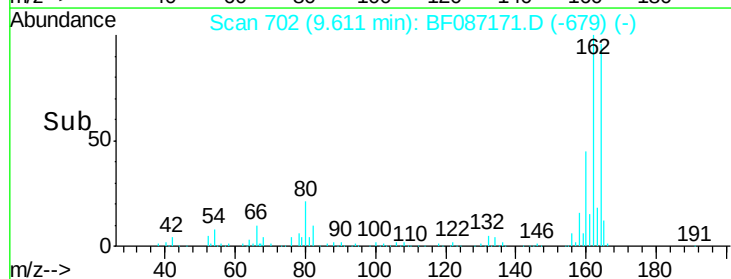
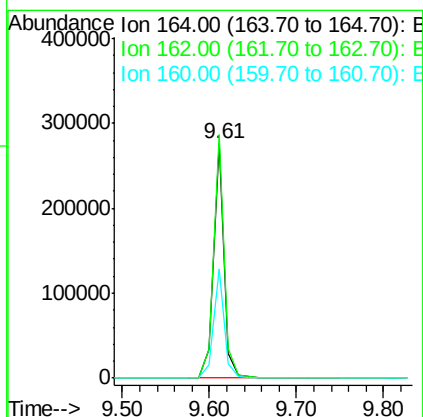
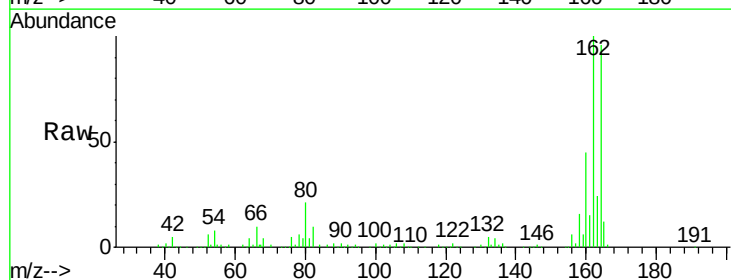
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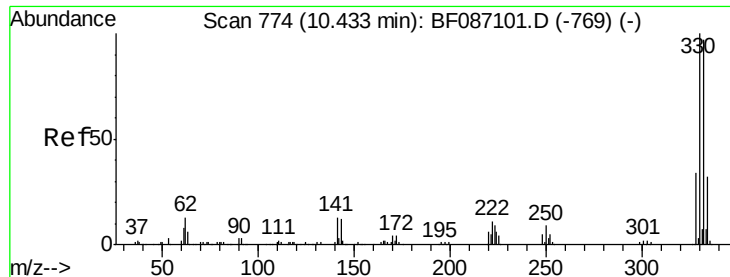
Tgt Ion: 82 Resp: 773313
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087171.D
Acq: 19 May 2016 5:17

Tgt Ion: 164 Resp: 238543
Ion Ratio Lower Upper
164 100
162 103.9 82.8 124.2
160 46.6 36.9 55.3

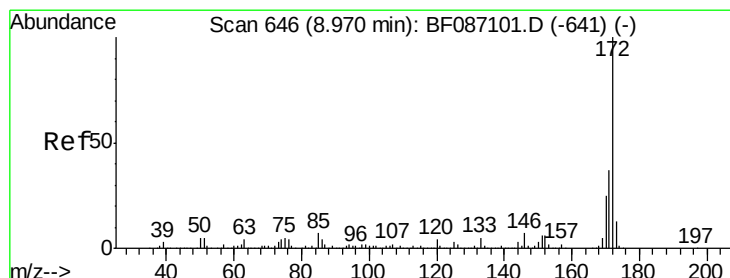
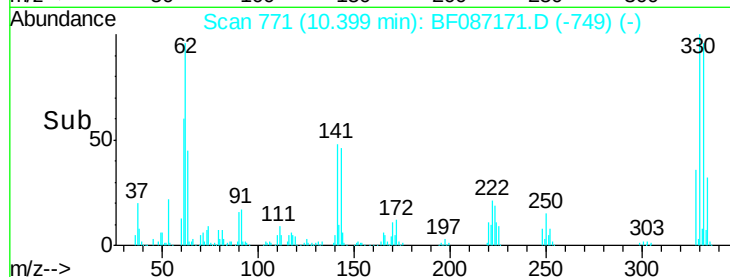
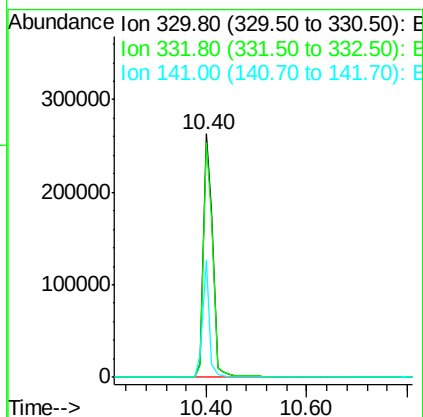
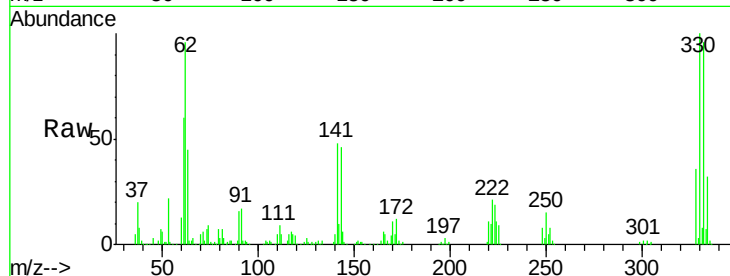




#41
 2,4,6-Tribromophenol
 Concen: 127.71 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087171.D
 Acq: 19 May 2016 5:17

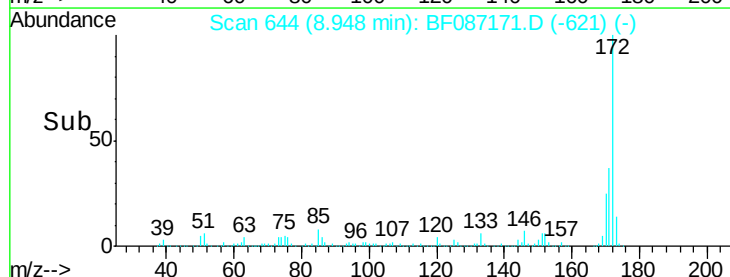
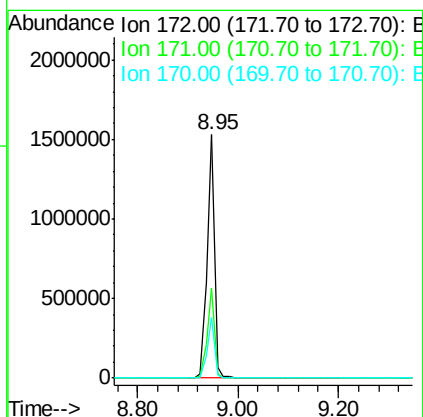
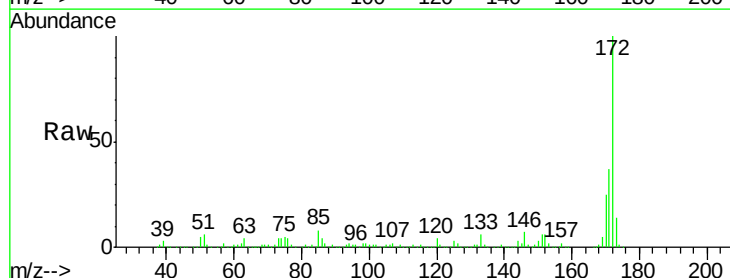
Instrument :
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 ClientSampleId :
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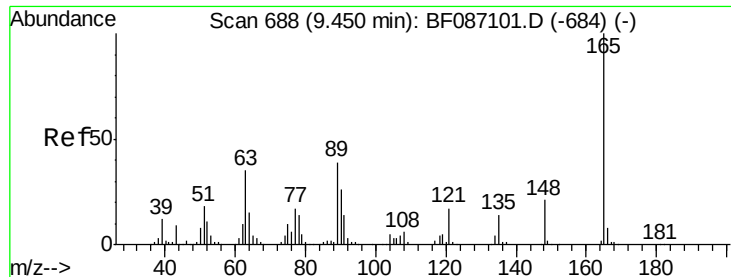
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	35.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 108.77 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087171.D
 Acq: 19 May 2016 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.7	19.8	29.8

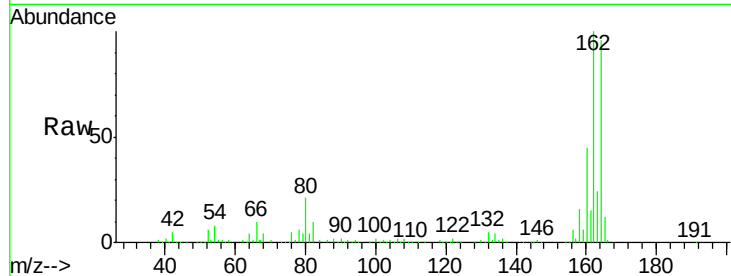




#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.15 min
 Lab File: BF087171.D
 Acq: 19 May 2016 5:17

Instrument :
 BNA_F
 ClientSampleId :
 W-12

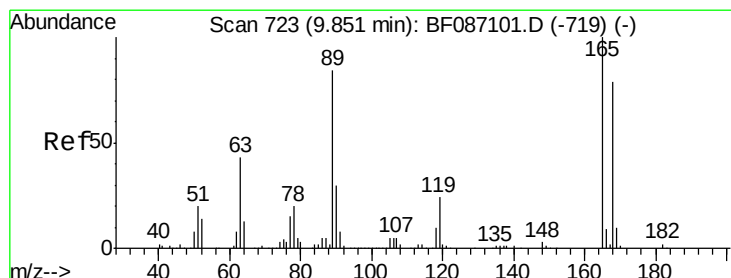
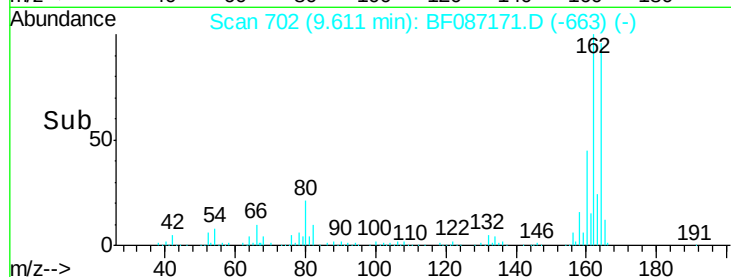
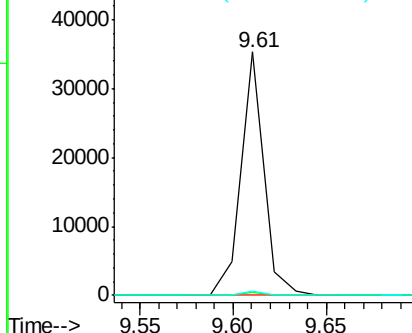
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.7	50.7	76.1#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.99 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.25 min
 Lab File: BF087171.D
 Acq: 19 May 2016 5:17

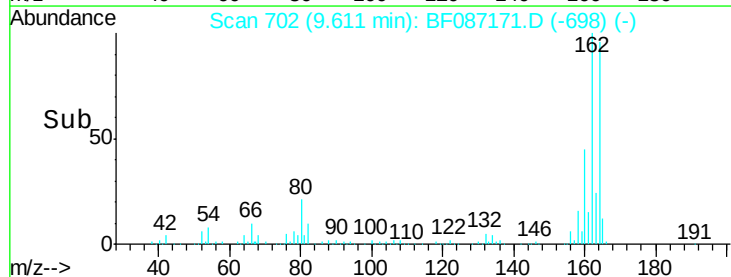
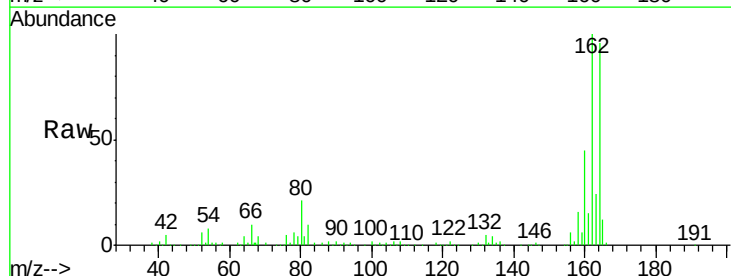
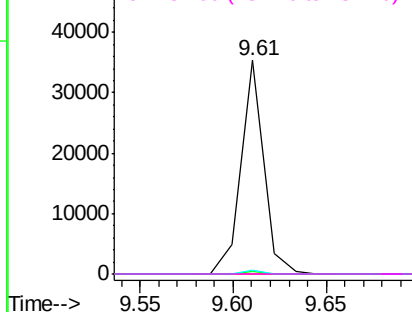
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#

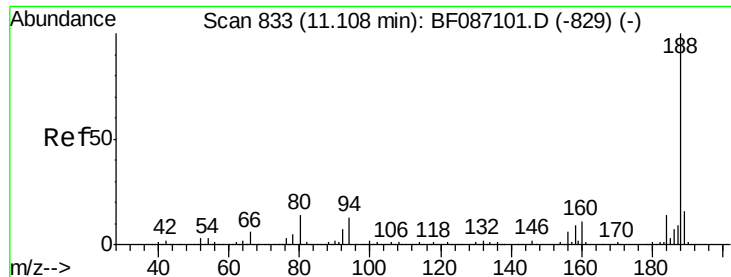
Abundance Ion 165.00 (164.70 to 165.70): E

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

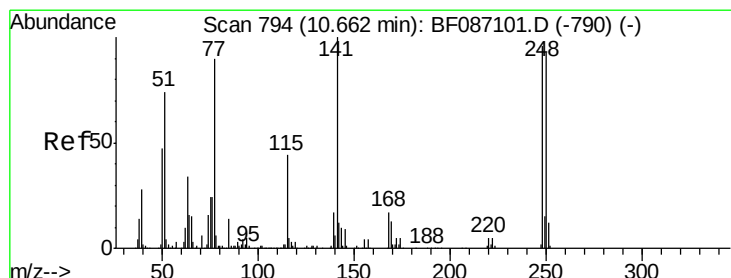
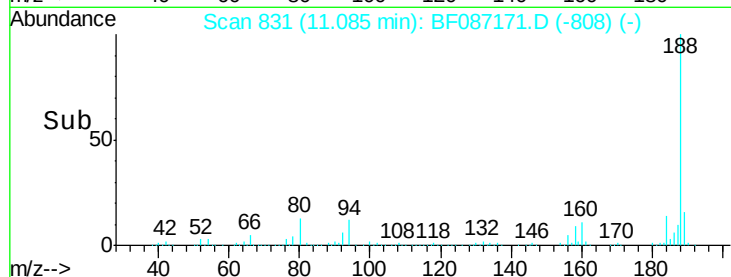
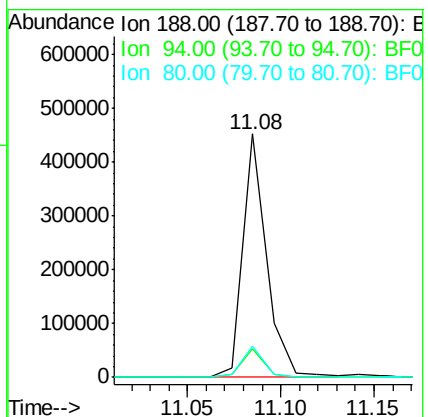
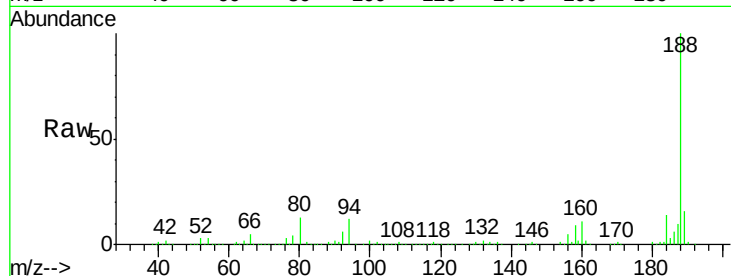




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087171.D
 Acq: 19 May 2016 5:17

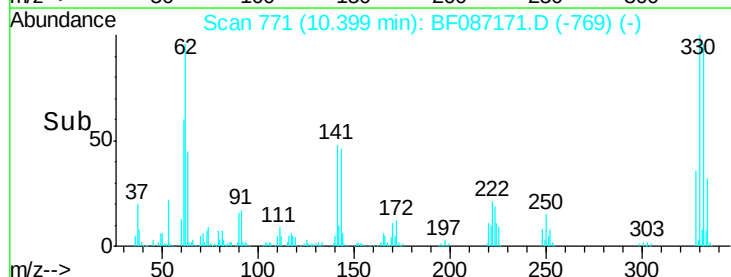
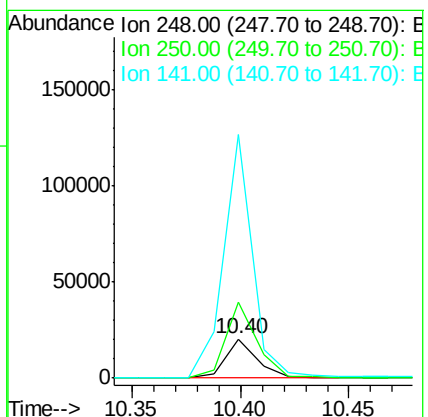
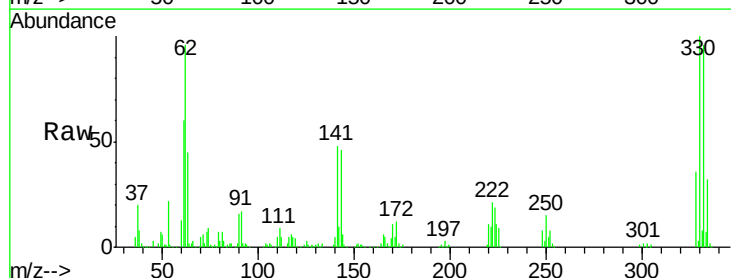
Instrument :
 BNA_F
 ClientSampleId :
 W-12

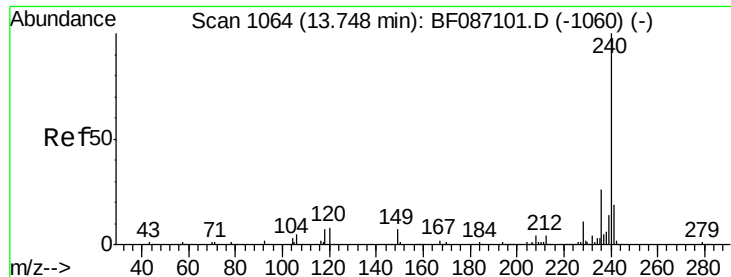
Tgt Ion:188 Resp: 403014
 Ion Ratio Lower Upper
 188 100
 94 11.8 6.8 10.2#
 80 13.0 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.82 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087171.D
 Acq: 19 May 2016 5:17

Tgt Ion:248 Resp: 19974
 Ion Ratio Lower Upper
 248 100
 250 192.2 78.6 117.8#
 141 619.8 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087171.D

Acq: 19 May 2016 5:17

Instrument :

BNA_F

ClientSampleId :

W-12

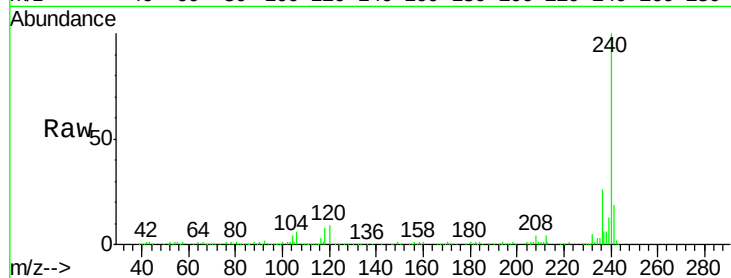
Tgt Ion:240 Resp: 312569

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

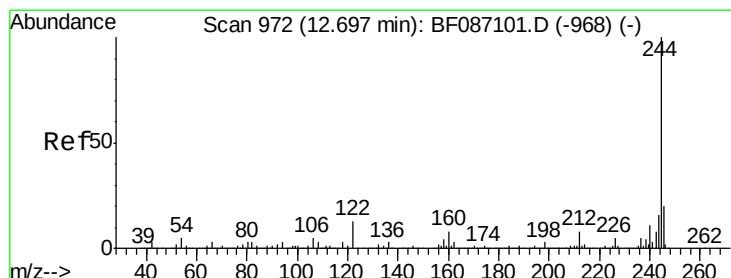
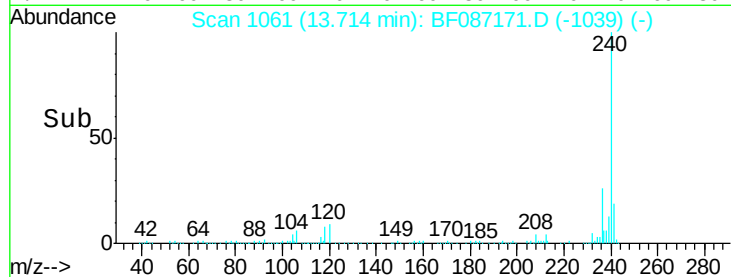
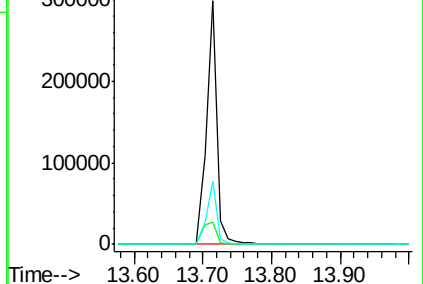
236 25.7 21.2 31.8



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: 93.21 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087171.D

Acq: 19 May 2016 5:17

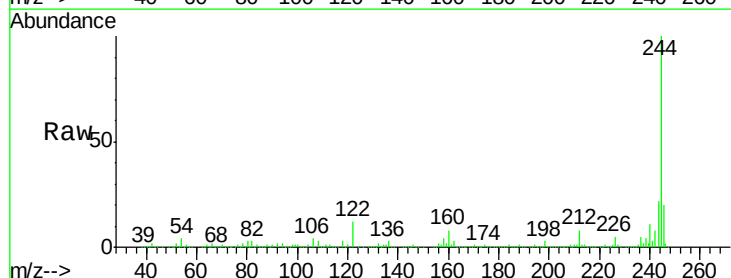
Tgt Ion:244 Resp: 1287942

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

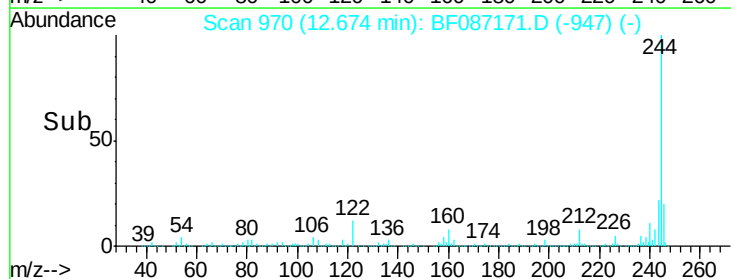
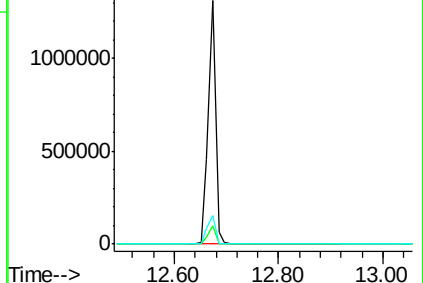
122 11.8 12.0 18.0#

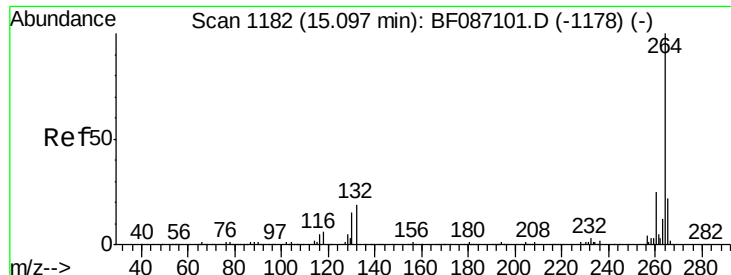


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

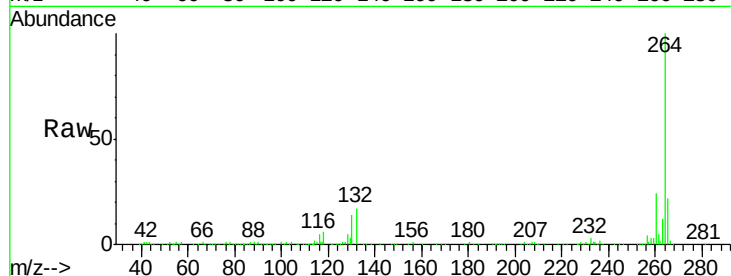




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087171.D
Acq: 19 May 2016 5:17

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:	264	Resp:	308460
Ion Ratio	Lower	Upper	
264	100		
260	23.9	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

