

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087296.D
 Acq On : 22 May 2016 17:46
 Operator : UM/SJ
 Sample : H3172-13
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: May 23 03:39:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	115852	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	503906	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	242691	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	417836	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	283050	20.00	ng	-0.01
86) Perylene-d12	15.05	264	225056	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	617903	89.65	ng	0.01
7) Phenol-d6	6.23	99	540623	58.48	ng	0.00
23) Nitrobenzene-d5	7.14	82	1001948	99.10	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	359570	134.08	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1554996	106.12	ng	0.00
78) Terphenyl-d14	12.65	244	1242914	99.33	ng	0.00

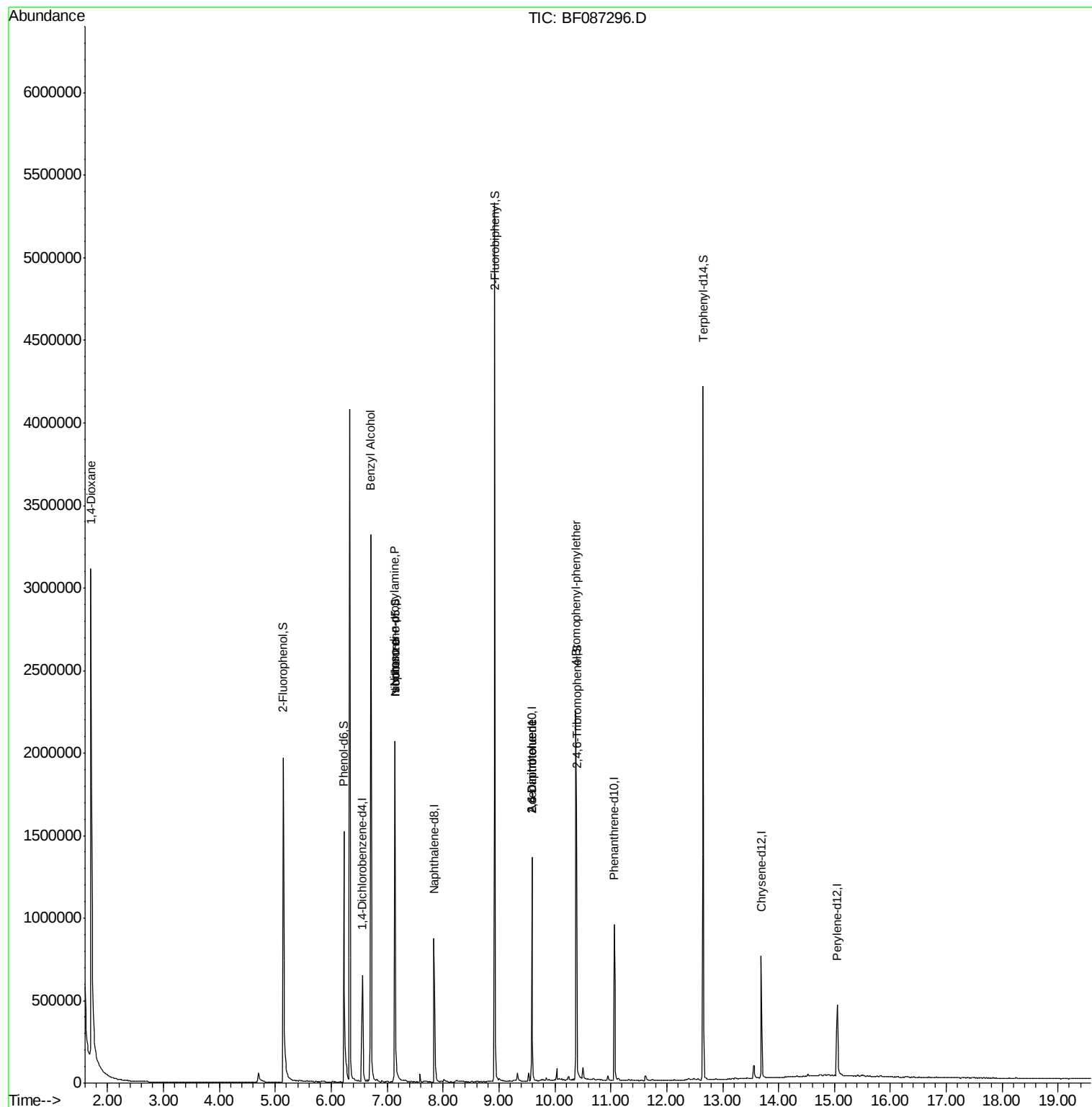
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.70	88	109805	30.97	ng	# 22
9) Benzaldehyde	6.23	77	943	Below Cal		# 4
15) Benzyl Alcohol	6.71	79	15958	2.32	ng	# 43
19) n-Nitroso-di-n-propylamine	7.13	70	141013	20.07	ng	# 71
25) Isophorone	7.14	82	985869	53.27	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	30768	7.65	ng	# 21
56) 2,4-Dinitrotoluene	9.59	165	30768	5.98	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	22552	5.25	ng	# 1

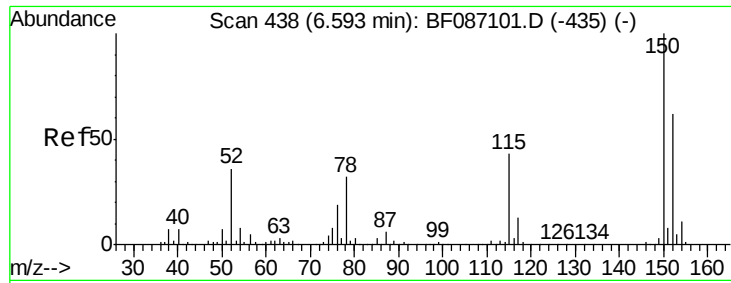
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

Instrument :

BNA_F

ClientSampled :

MW-04

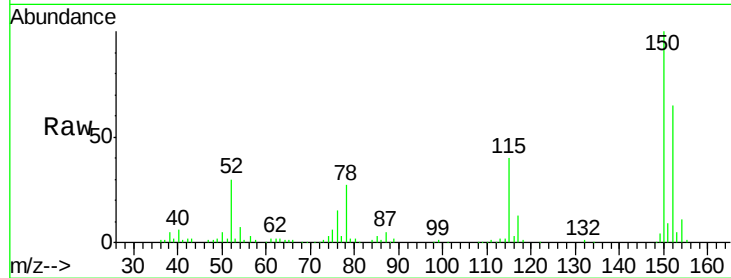
Tgt Ion:152 Resp: 115852

Ion Ratio Lower Upper

152 100

150 154.3 125.8 188.6

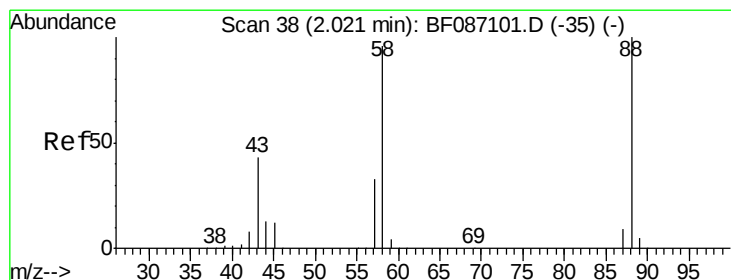
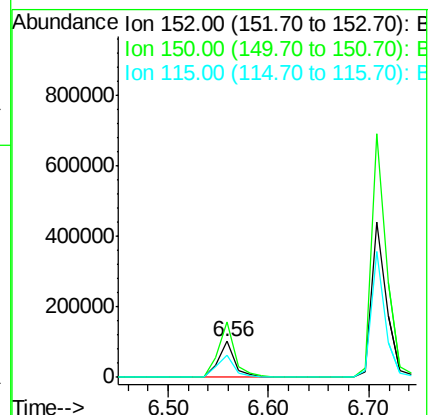
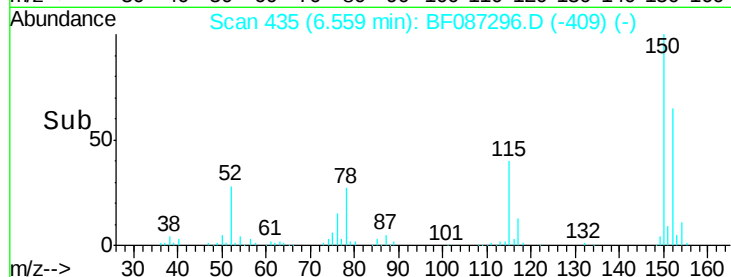
115 61.6 51.5 77.3



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



#2

1,4-Dioxane

Concen: 30.97 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.26 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

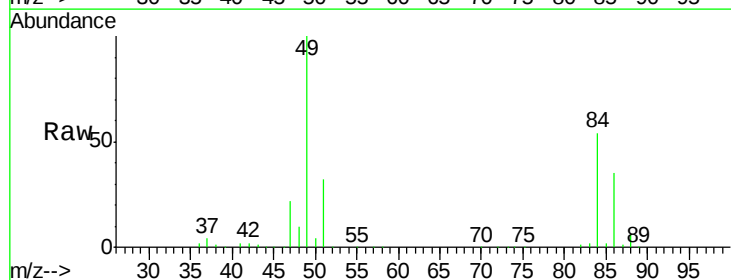
Tgt Ion: 88 Resp: 109805

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

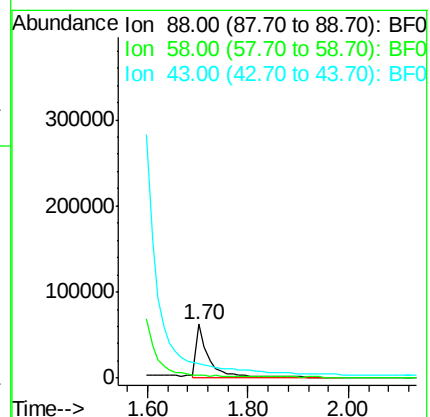
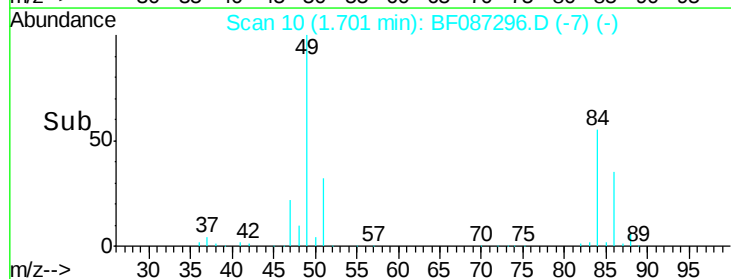
43 0.0 21.8 32.6#

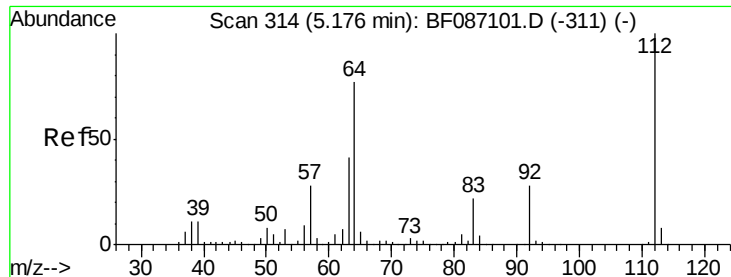


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 89.65 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

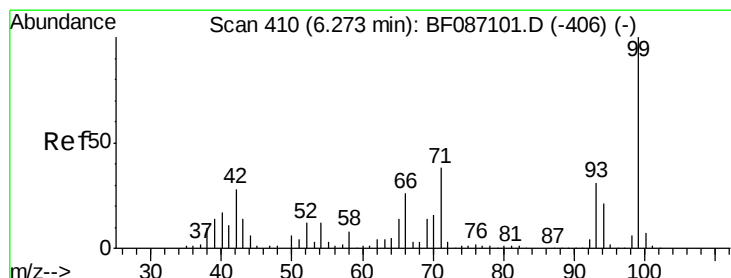
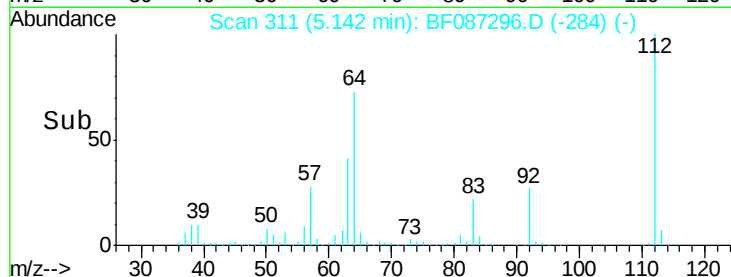
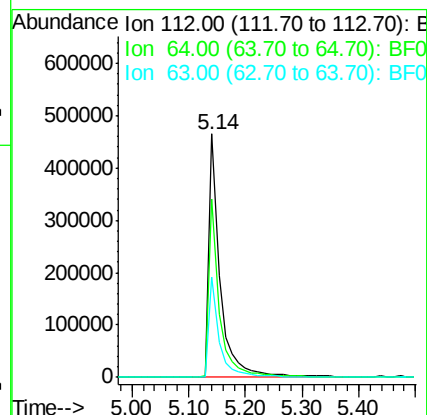
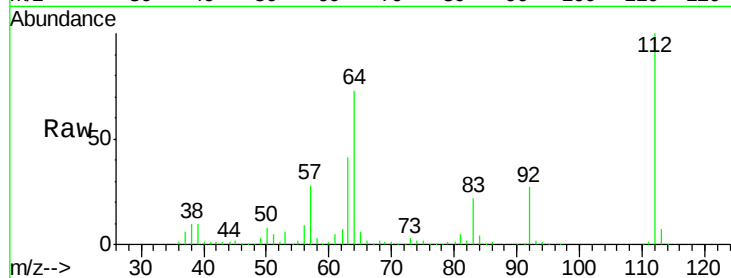
Instrument :

BNA_F

ClientSampleId :

MW-04

Tgt Ion:	112	Resp:	617903
Ion	Ratio	Lower	Upper
112	100		
64	73.4	52.1	78.1
63	41.3	25.7	38.5#



#7

Phenol-d6

Concen: 58.48 ng

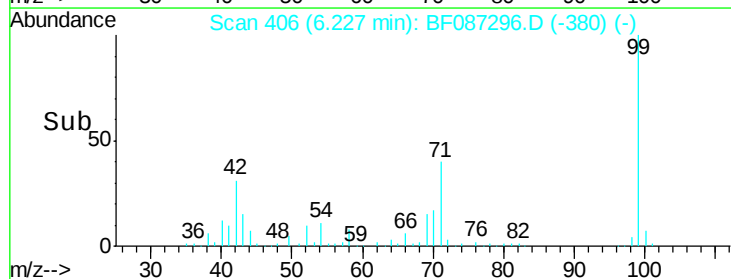
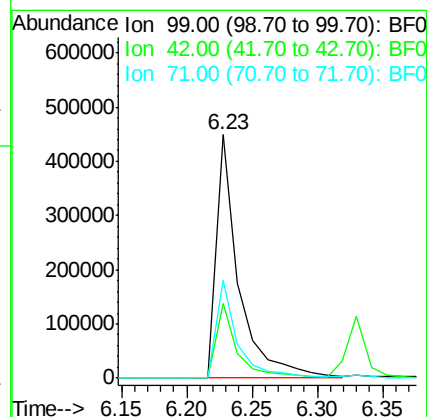
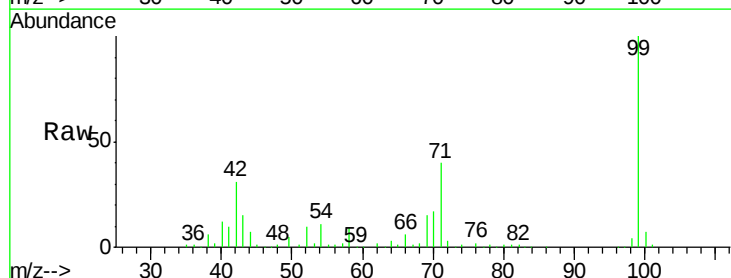
RT: 6.23 min Scan# 406

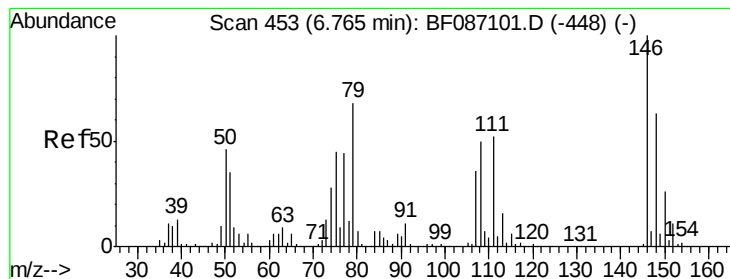
Delta R.T. 0.00 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

Tgt Ion:	99	Resp:	540623
Ion	Ratio	Lower	Upper
99	100		
42	30.9	13.6	20.4#
71	40.0	24.6	36.8#





#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

Instrument :

BNA_F

ClientSampled :

MW-04

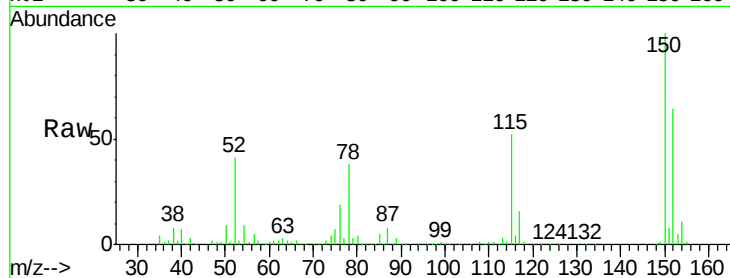
Tgt Ion: 79 Resp: 15958

Ion Ratio Lower Upper

79 100

108 27.6 68.4 102.6#

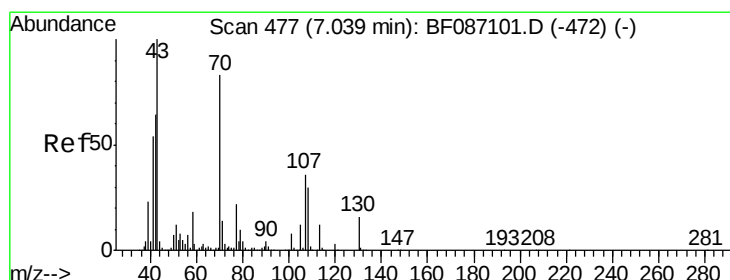
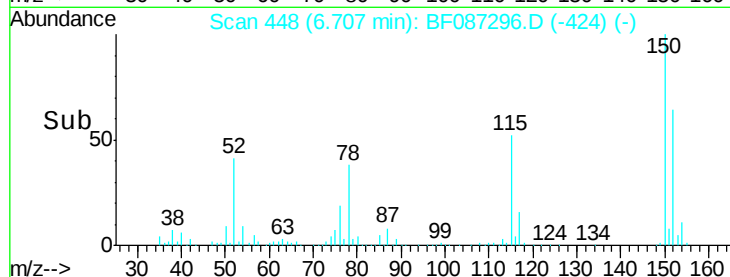
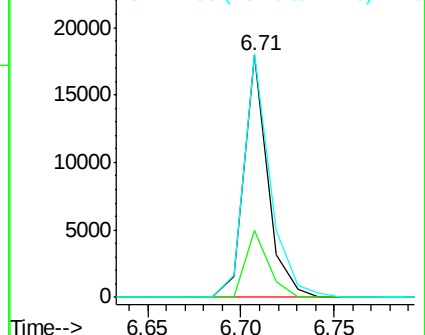
77 100.6 50.6 76.0#



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: 20.07 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

Tgt Ion: 70 Resp: 141013

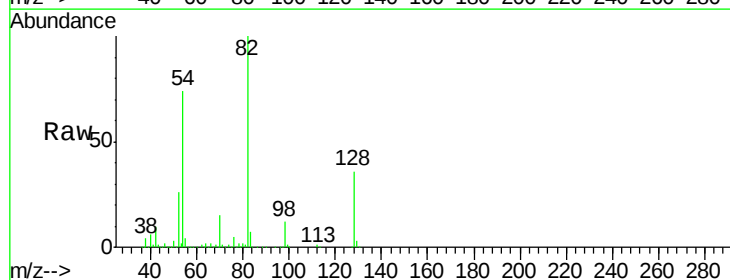
Ion Ratio Lower Upper

70 100

42 70.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

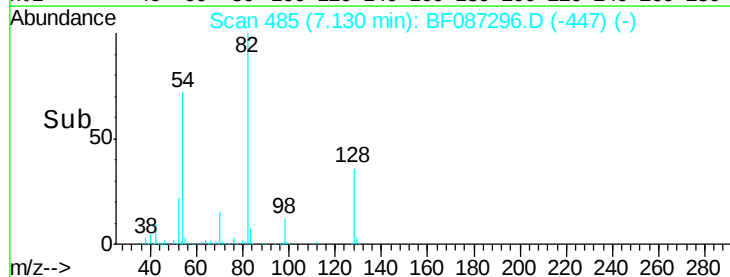
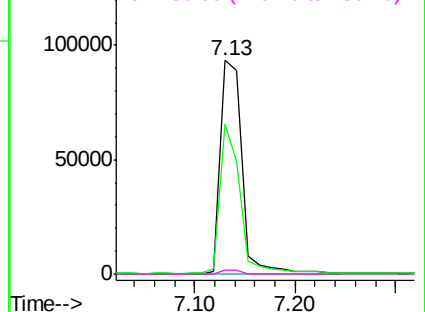


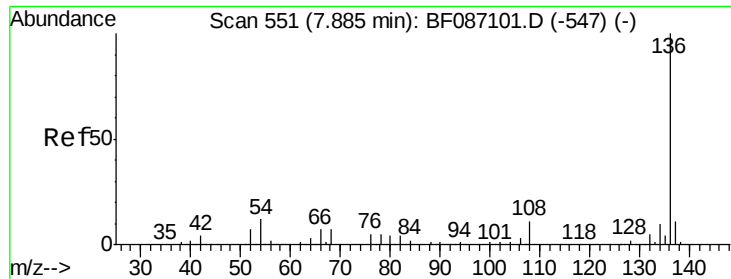
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

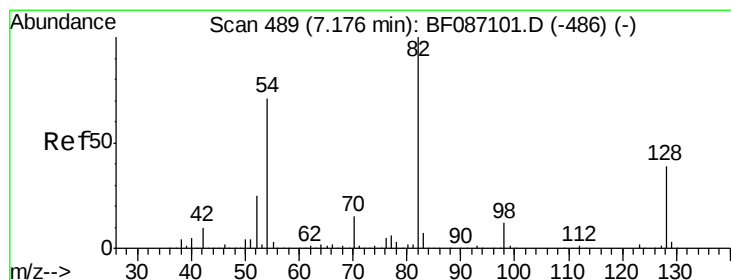
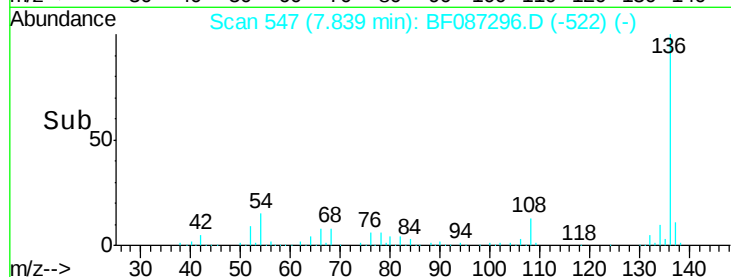
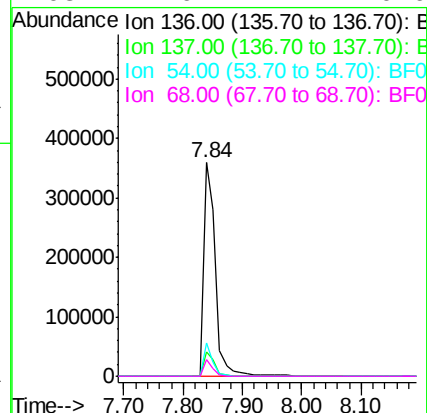
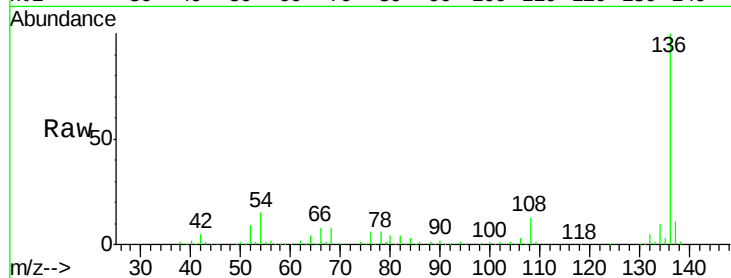




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

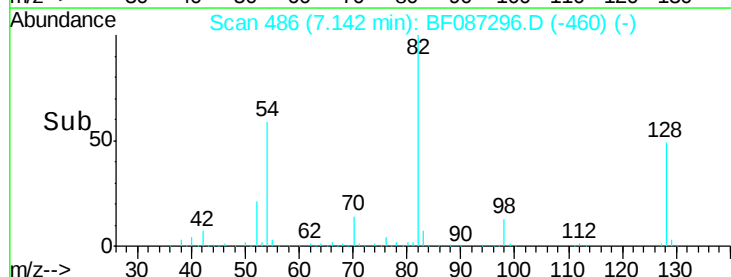
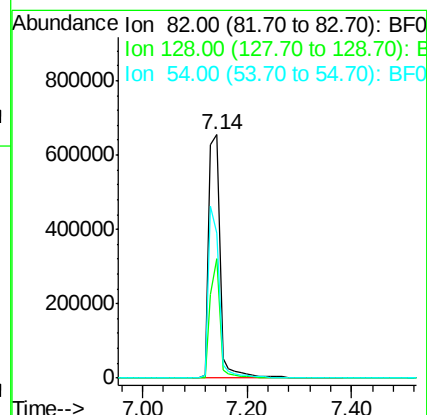
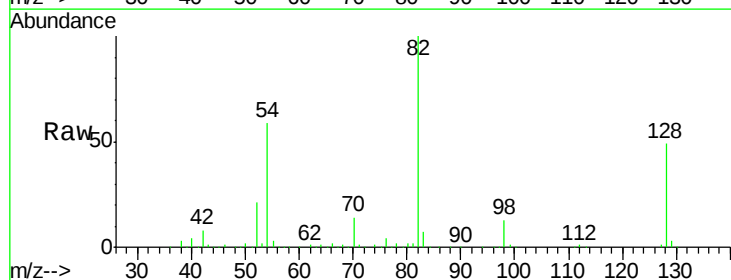
Instrument :
BNA_F
ClientSampleId :
MW-04

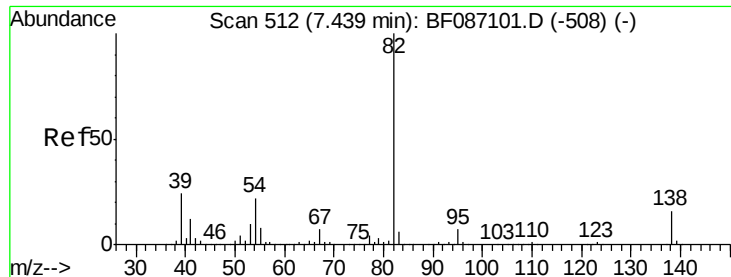
Tgt Ion:	136	Resp:	503906
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	15.5	5.0	7.4#
68	7.6	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 99.10 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Tgt Ion:	82	Resp:	1001948
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	61.0
54	59.4	38.1	57.1#





#25

Isophorone

Concen: 53.27 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.26 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

Instrument :

BNA_F

ClientSampled :

MW-04

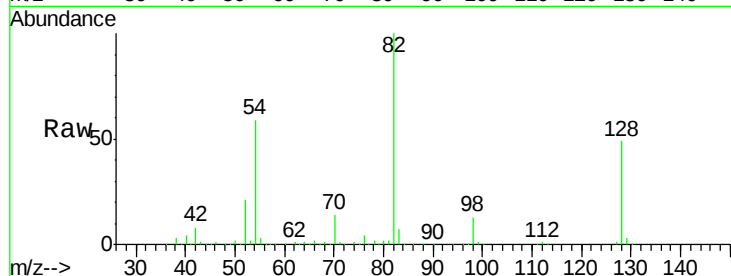
Tgt Ion: 82 Resp: 985869

Ion Ratio Lower Upper

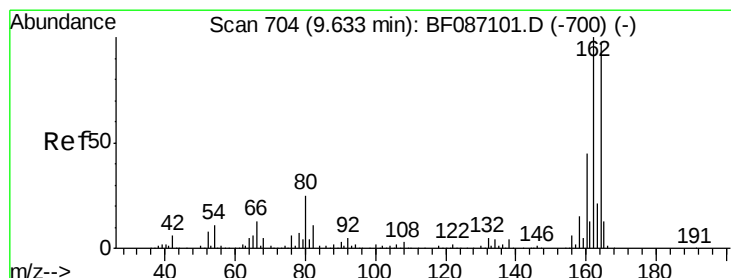
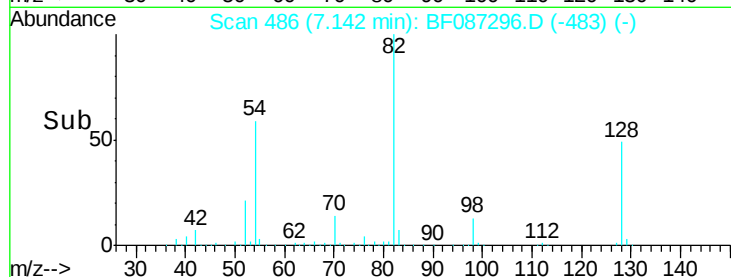
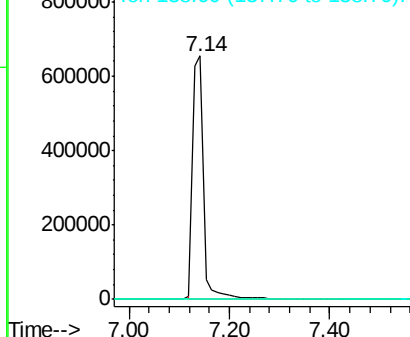
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

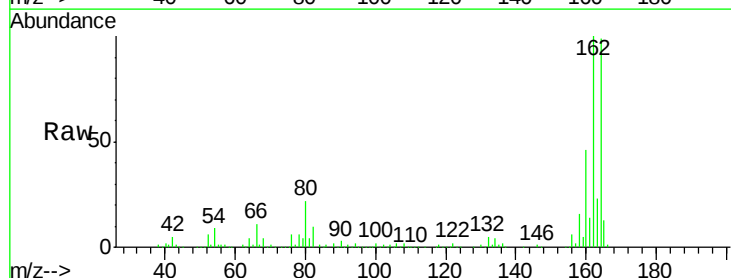
Tgt Ion: 164 Resp: 242691

Ion Ratio Lower Upper

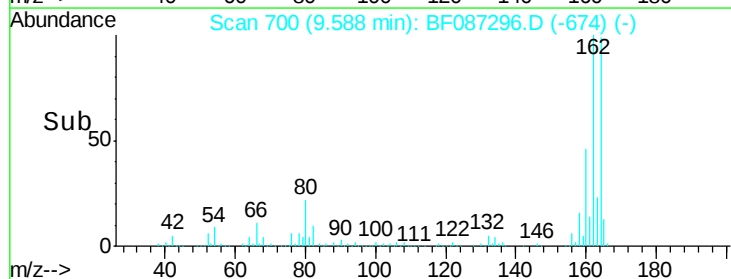
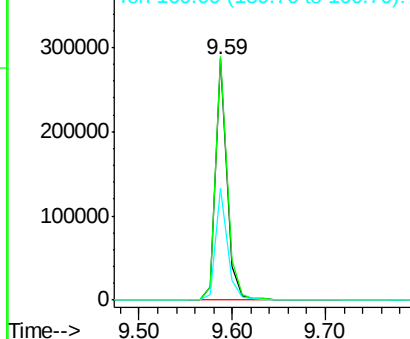
164 100

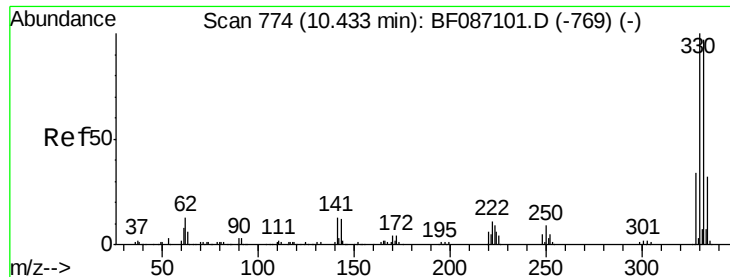
162 101.2 82.8 124.2

160 46.6 36.9 55.3



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

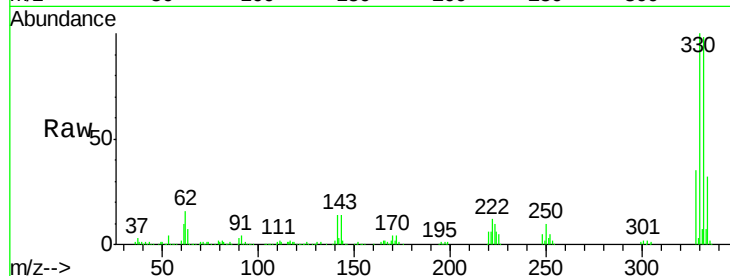




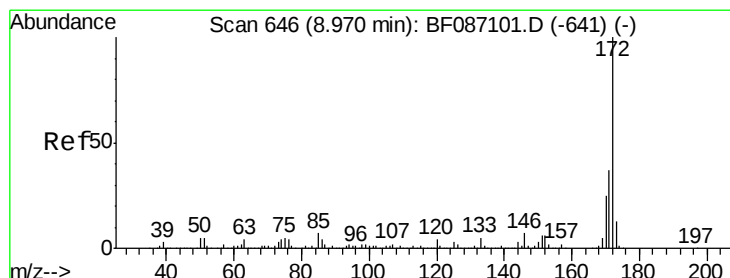
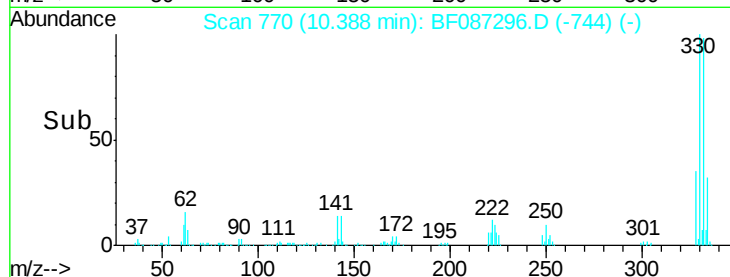
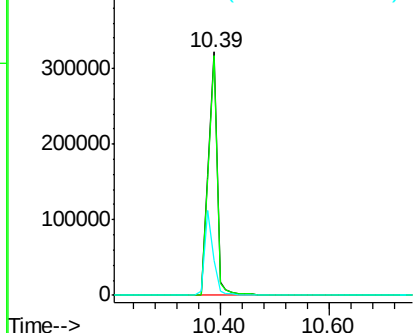
#41
 2,4,6-Tribromophenol
 Concen: 134.08 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087296.D
 Acq: 22 May 2016 17:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:330 Resp: 359570
 Ion Ratio Lower Upper
 330 100
 332 97.9 79.0 118.4
 141 34.2 31.2 46.8

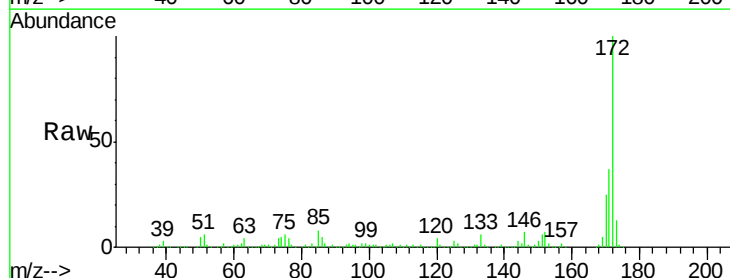


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

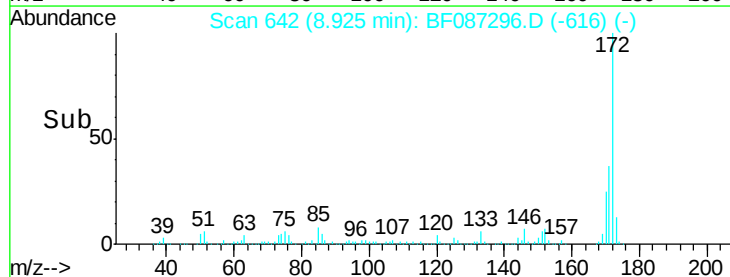
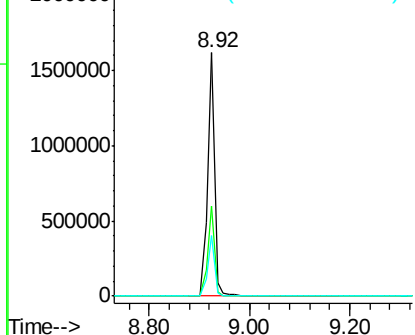


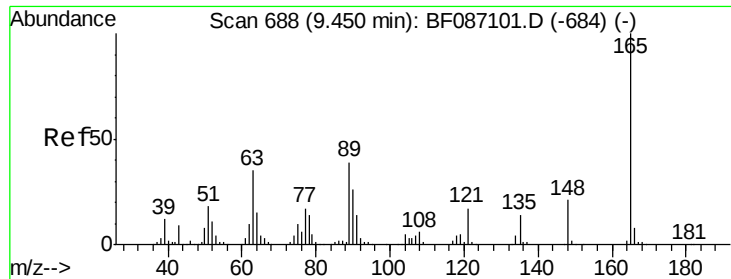
#44
 2-Fluorobiphenyl
 Concen: 106.12 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087296.D
 Acq: 22 May 2016 17:46

Tgt Ion:172 Resp: 1554996
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.1 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

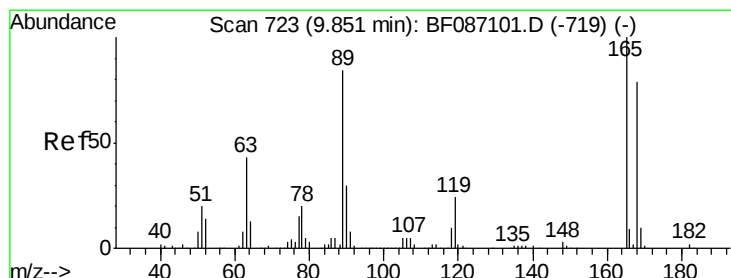
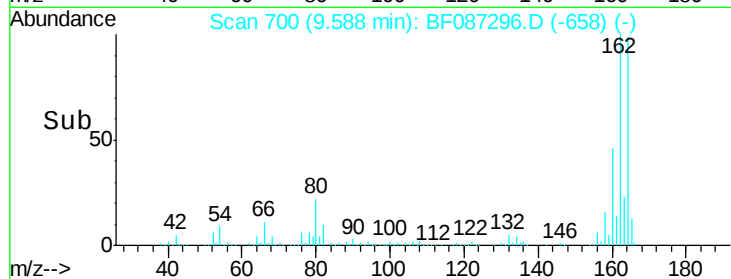
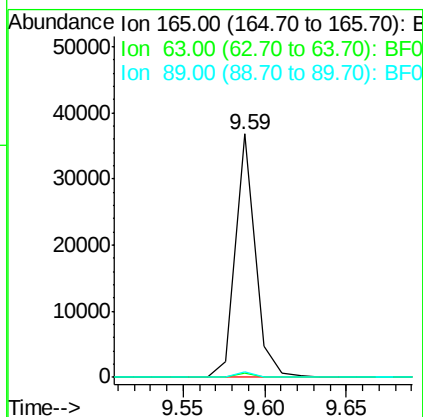
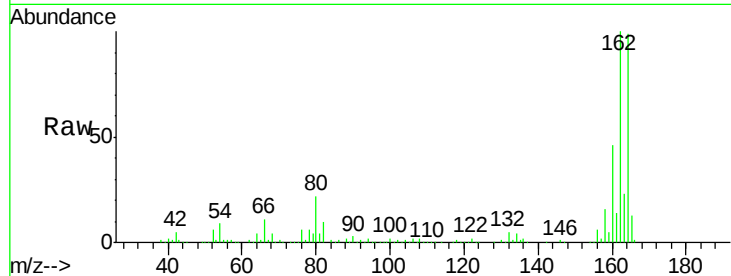




#50
 2,6-Dinitrotoluene
 Concen: 7.65 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF087296.D
 Acq: 22 May 2016 17:46

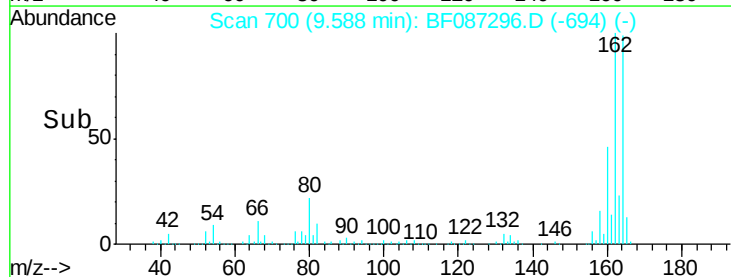
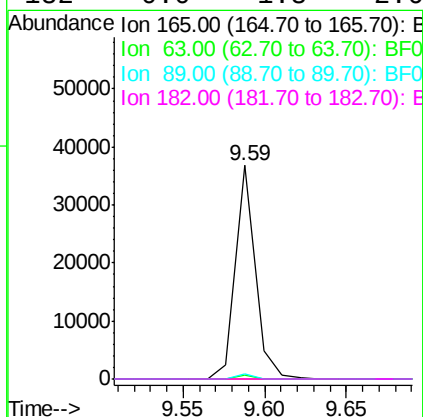
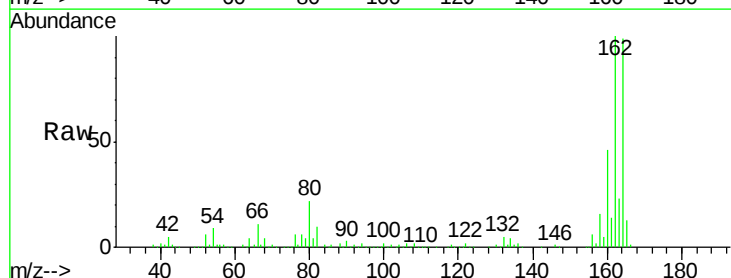
Instrument :
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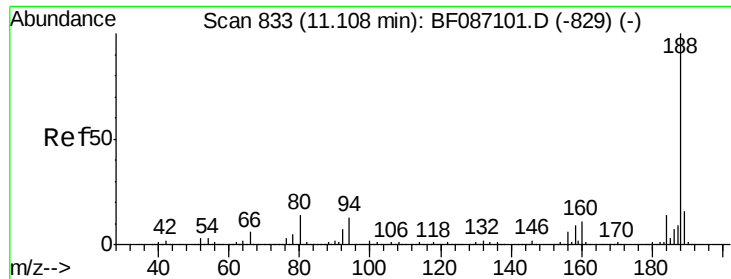
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	2.2	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.23 min
 Lab File: BF087296.D
 Acq: 22 May 2016 17:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#

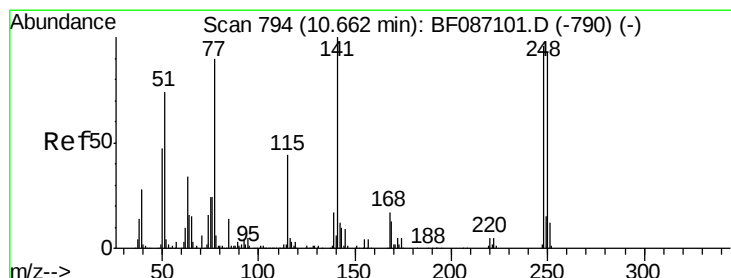
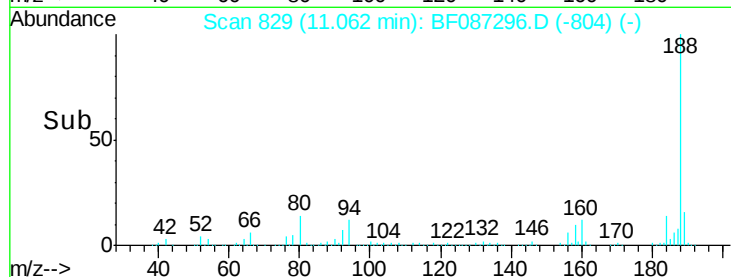
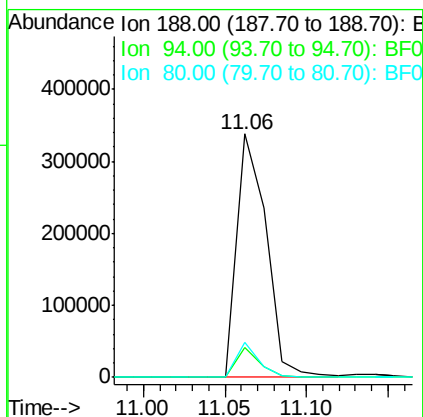
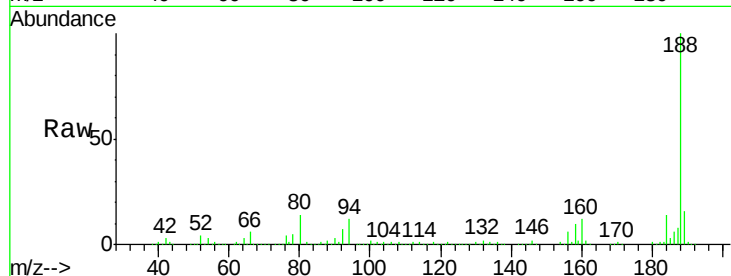




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF087296.D
 Acq: 22 May 2016 17:46

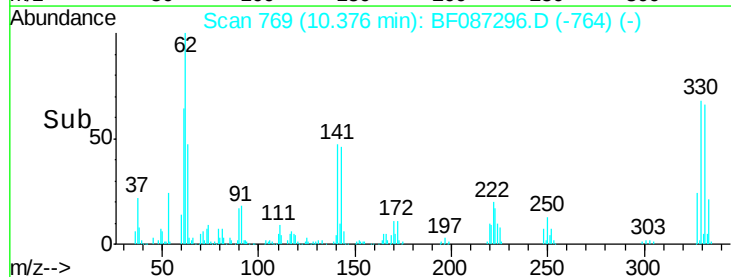
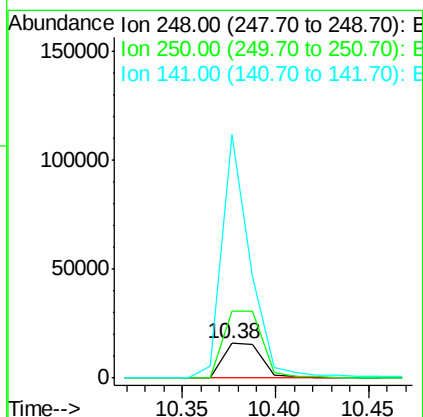
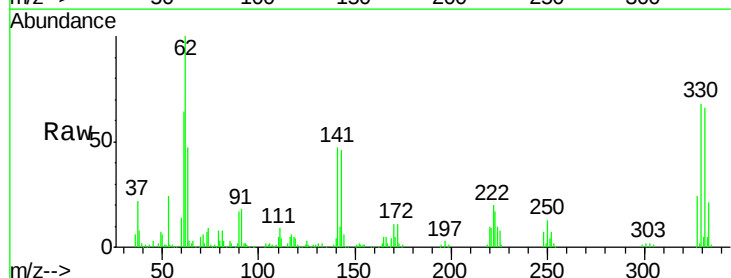
Instrument :
 BNA_F
 ClientSampled :
 MW-04

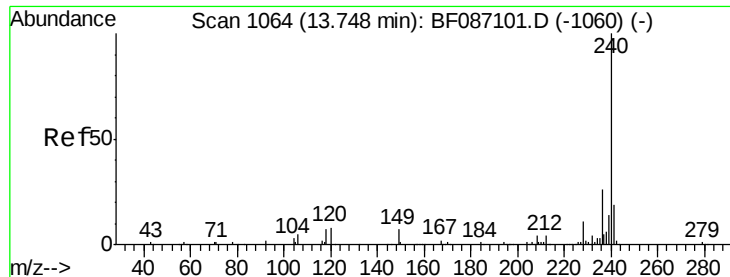
Tgt Ion:188 Resp: 417836
 Ion Ratio Lower Upper
 188 100
 94 12.3 6.8 10.2#
 80 14.3 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 5.25 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.24 min
 Lab File: BF087296.D
 Acq: 22 May 2016 17:46

Tgt Ion:248 Resp: 22552
 Ion Ratio Lower Upper
 248 100
 250 191.8 78.6 117.8#
 141 703.2 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

Instrument :

BNA_F

ClientSampleId :

MW-04

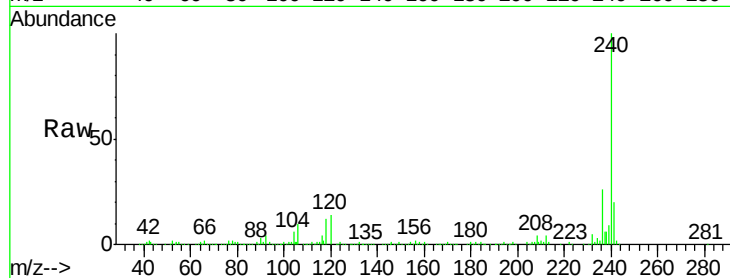
Tgt Ion:240 Resp: 283050

Ion Ratio Lower Upper

240 100

120 13.6 11.2 16.8

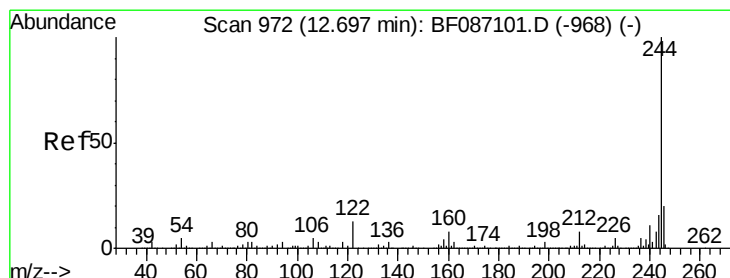
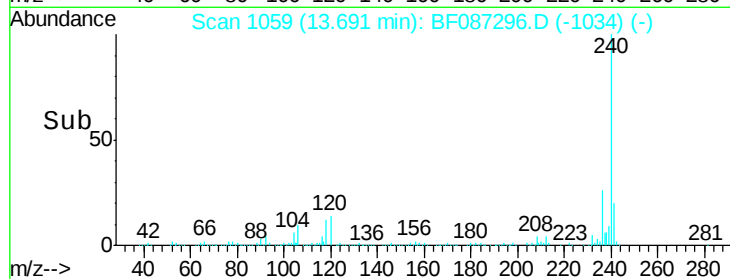
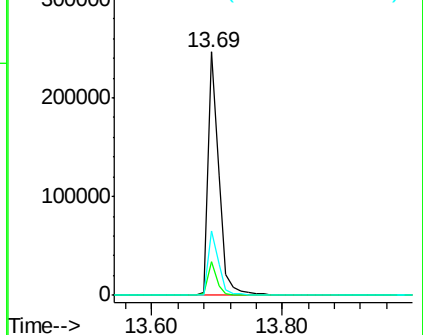
236 26.3 21.2 31.8



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: 99.33 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087296.D

Acq: 22 May 2016 17:46

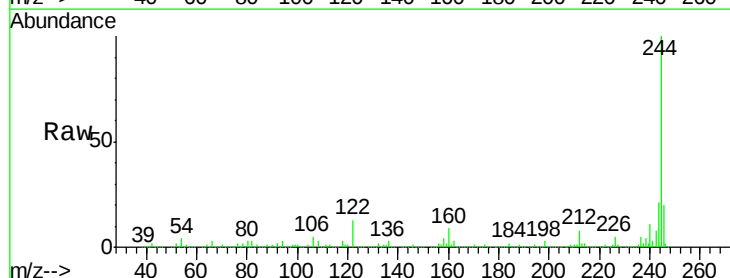
Tgt Ion:244 Resp: 1242914

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

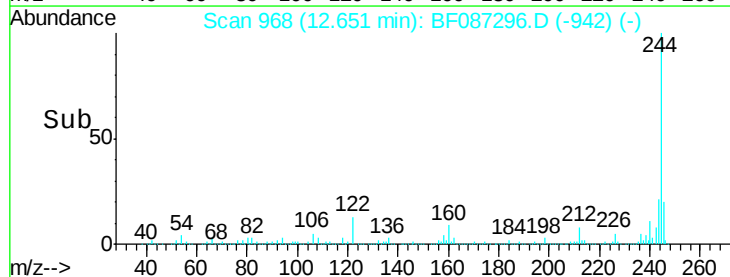
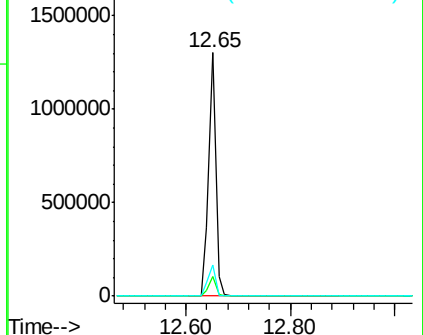
122 12.8 12.0 18.0

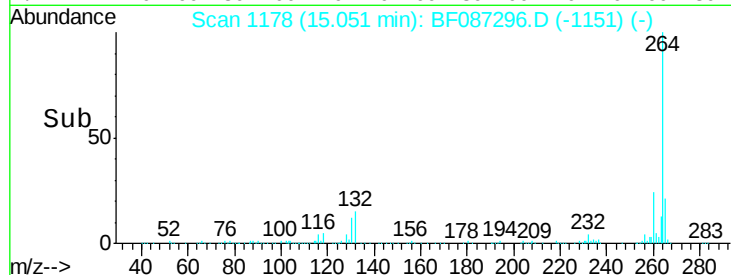
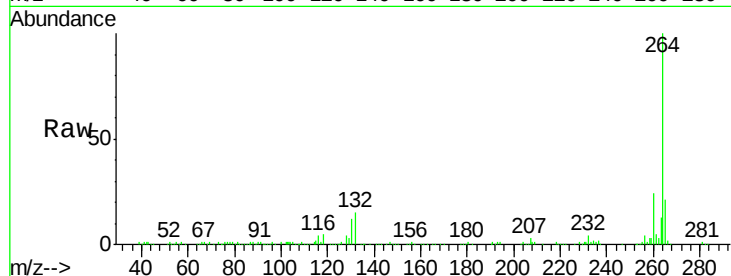
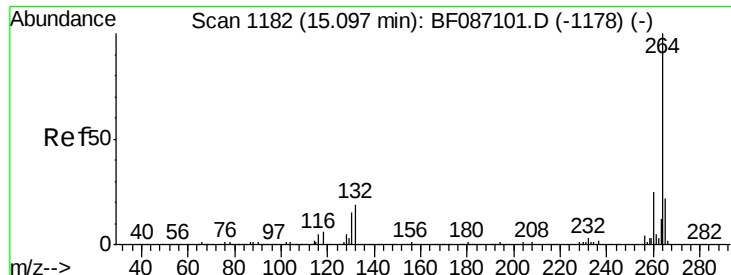


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087296.D
Acq: 22 May 2016 17:46

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:	264	Resp:	225056
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.1	17.3	25.9

