

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087286.D
 Acq On : 22 May 2016 12:56
 Operator : UM/SJ
 Sample : H3172-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: May 23 03:37:17 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	126751	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	513556	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	244858	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	402535	20.00	ng	0.00
75) Chrysene-d12	13.69	240	274595	20.00	ng	-0.01
86) Perylene-d12	15.05	264	219774	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	544379	72.19	ng	0.01
7) Phenol-d6	6.23	99	477514	47.21	ng	0.00
23) Nitrobenzene-d5	7.14	82	1043140	101.23	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	378497	139.88	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1504899	101.79	ng	0.00
78) Terphenyl-d14	12.65	244	1158866	95.47	ng	0.00

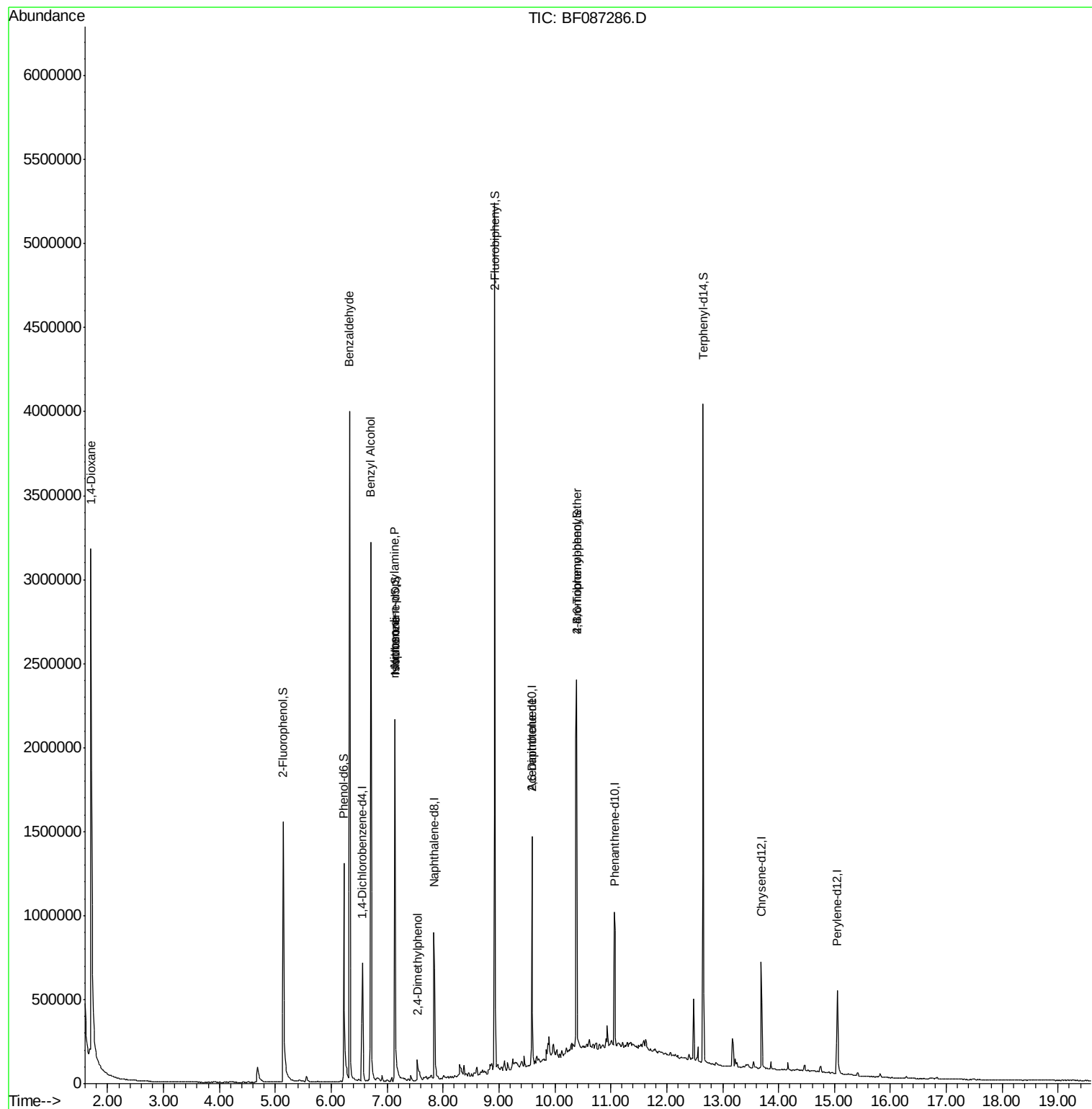
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.70	88	110527	28.49	ng	# 22
9) Benzaldehyde	6.33	77	28433	3.91	ng	# 78
15) Benzyl Alcohol	6.71	79	16816	2.23	ng	# 41
19) n-Nitroso-di-n-propylamine	7.13	70	150702	19.60	ng	# 70
25) Isophorone	7.14	82	1025314	54.36	ng	# 68
27) 2,4-Dimethylphenol	7.54	122	37346	4.70	ng	# 89
50) 2,6-Dinitrotoluene	9.59	165	32857	8.10	ng	# 22
55) 4-Nitrophenol	9.78	139	619	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.39	248	25222	6.09	ng	# 1

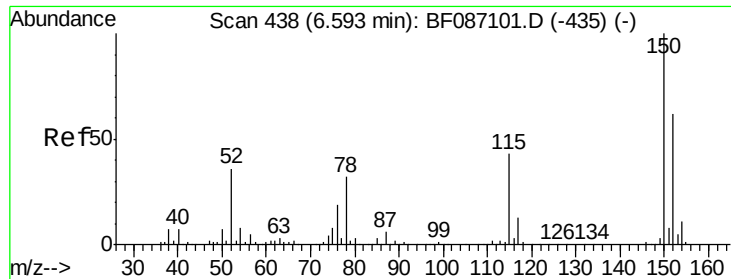
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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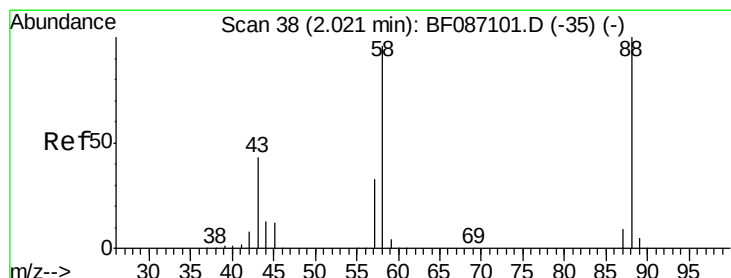
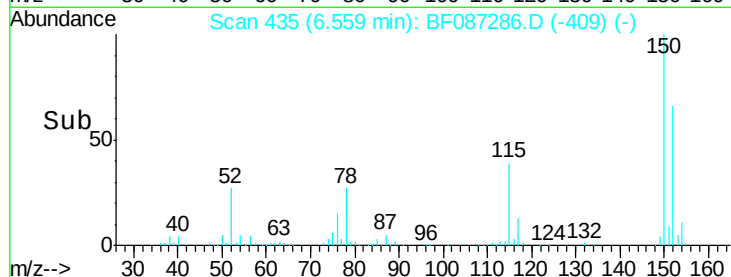
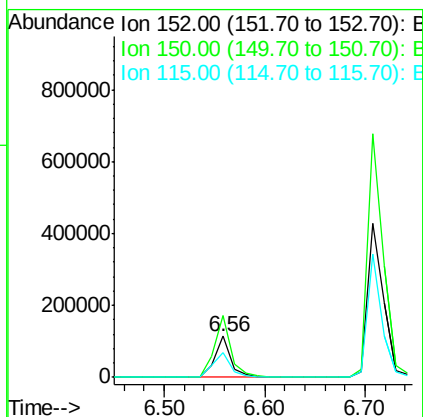
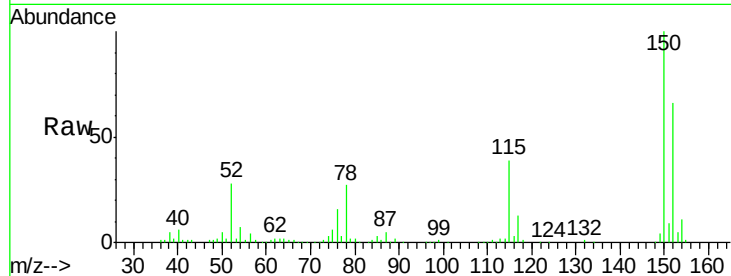


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087286.D
Acq: 22 May 2016 12:56

Instrument :
BNA_F
ClientSampleId :
MW-05

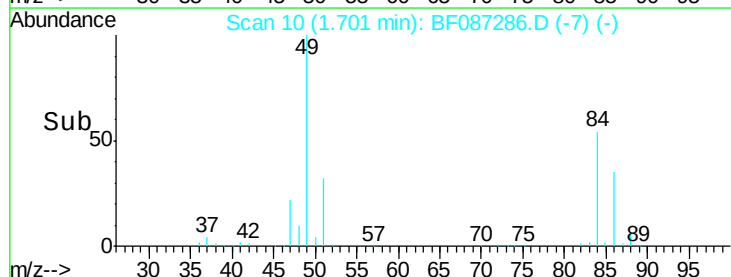
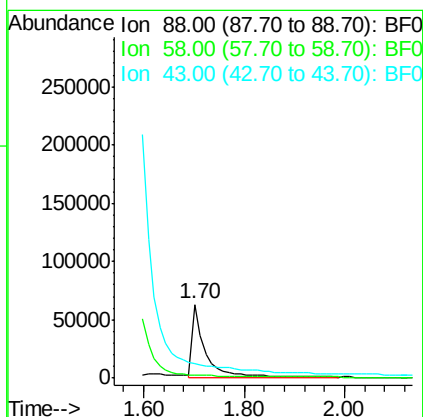
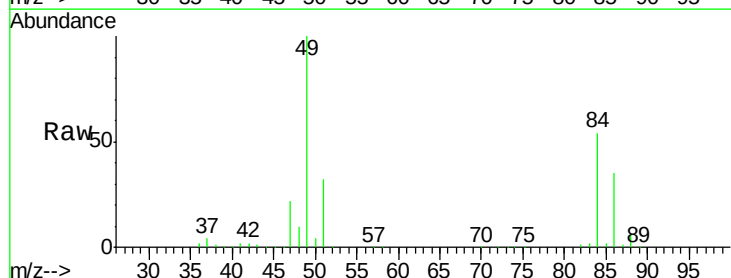
Tgt Ion:152 Resp: 126751
Ion Ratio Lower Upper
152 100
150 152.2 125.8 188.6
115 60.1 51.5 77.3

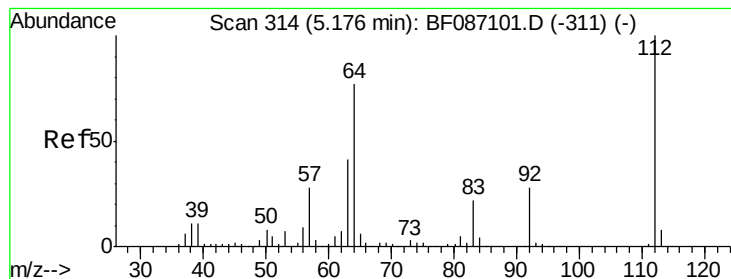


#2

1,4-Dioxane
Concen: 28.49 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087286.D
Acq: 22 May 2016 12:56

Tgt Ion: 88 Resp: 110527
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#





#5

2-Fluorophenol

Concen: 72.19 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

Instrument :

BNA_F

ClientSampled :

MW-05

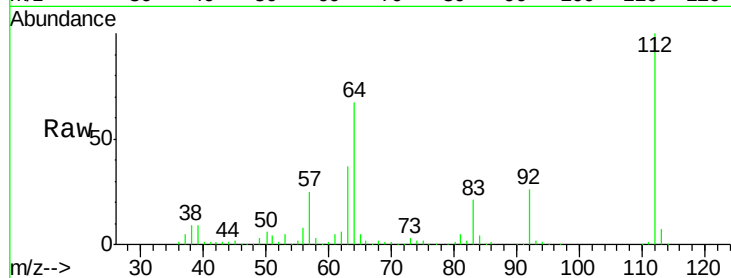
Tgt Ion: 112 Resp: 544379

Ion Ratio Lower Upper

112 100

64 66.9 52.1 78.1

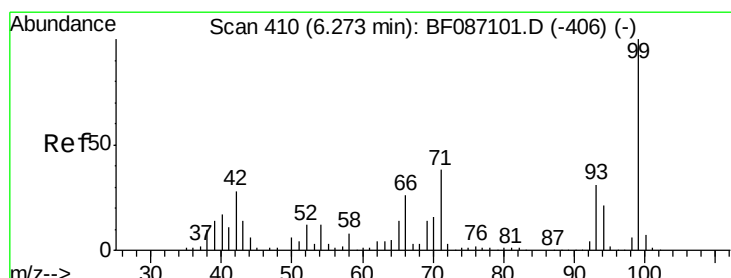
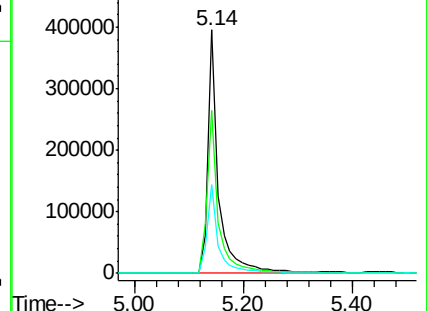
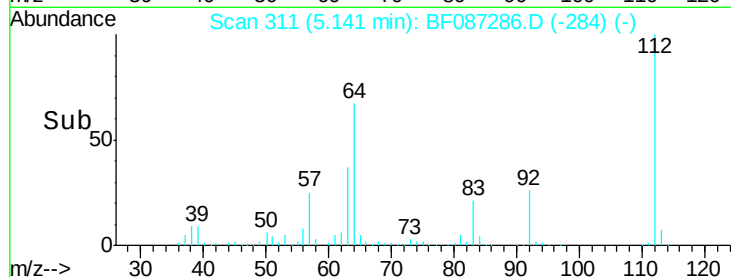
63 36.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 47.21 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

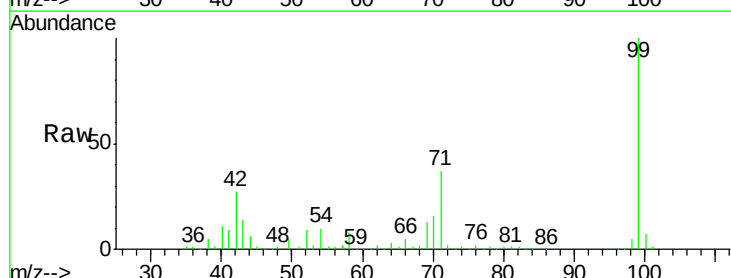
Tgt Ion: 99 Resp: 477514

Ion Ratio Lower Upper

99 100

42 27.1 13.6 20.4#

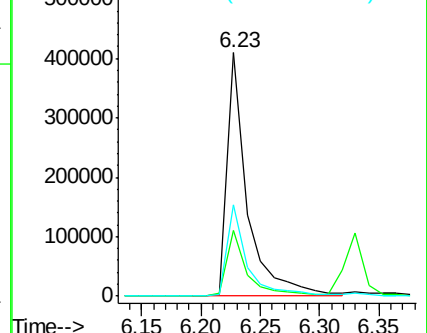
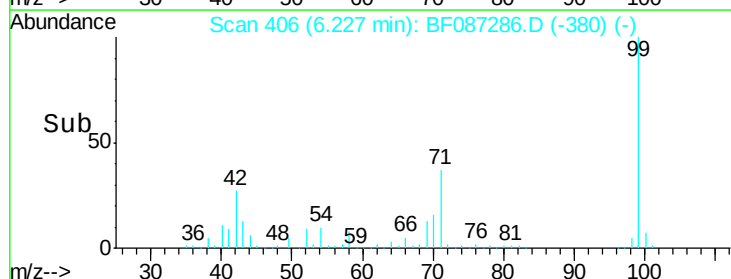
71 37.4 24.6 36.8#

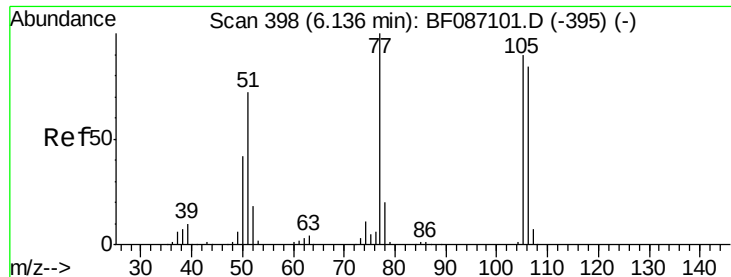


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.91 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

Instrument :

BNA_F

ClientSampled :

MW-05

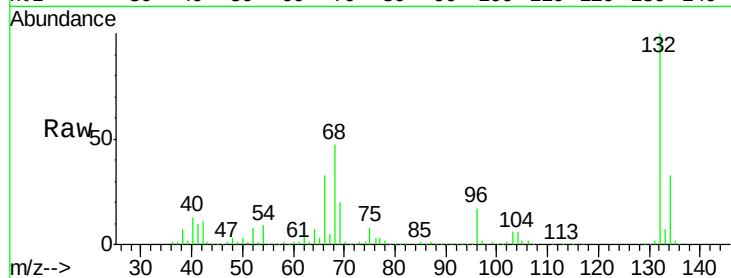
Tgt Ion: 77 Resp: 28433

Ion Ratio Lower Upper

77 100

105 74.8 72.7 112.7

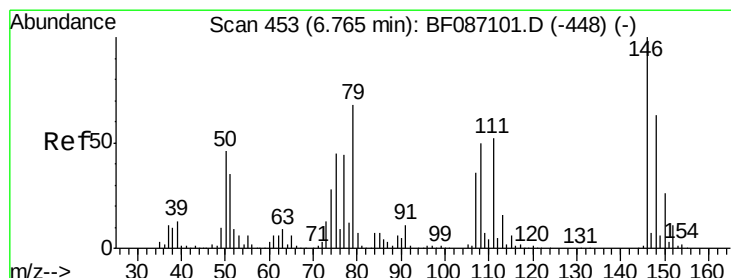
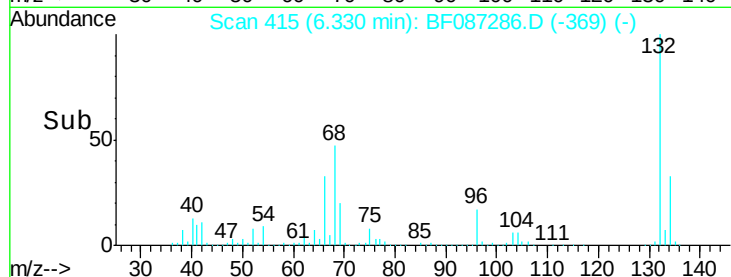
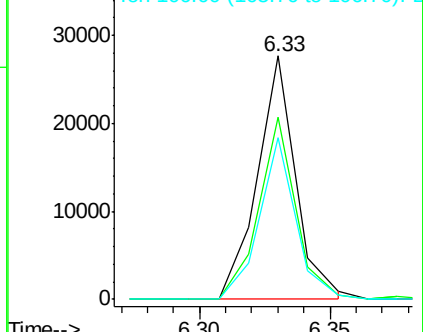
106 66.2 70.8 110.8#



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: 2.23 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

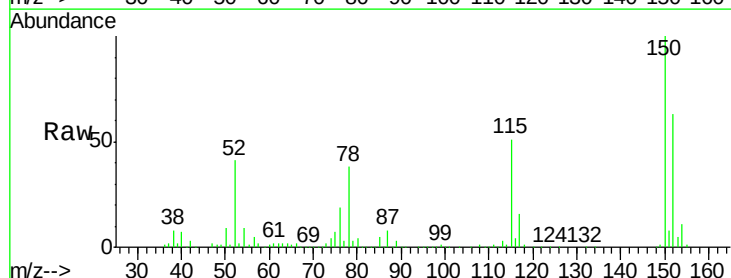
Tgt Ion: 79 Resp: 16816

Ion Ratio Lower Upper

79 100

108 28.2 68.4 102.6#

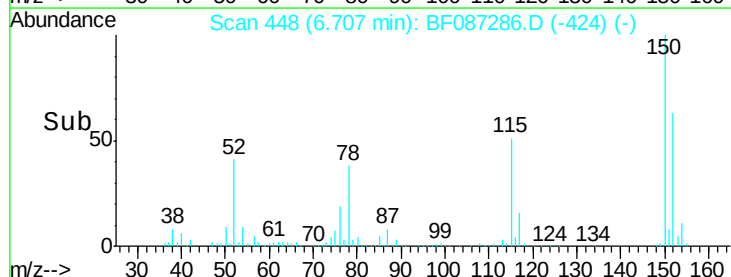
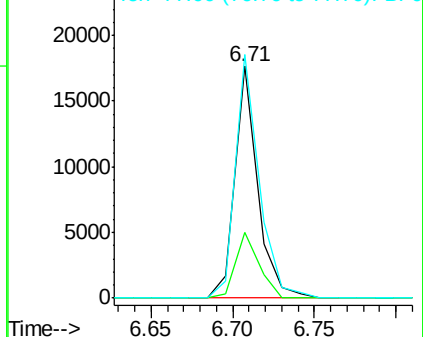
77 105.0 50.6 76.0#

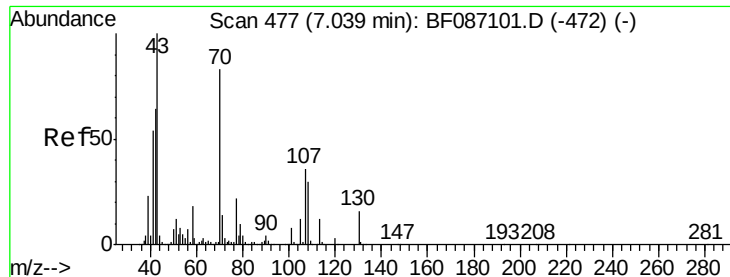


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

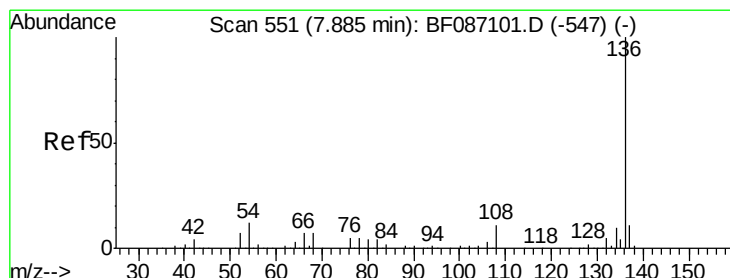
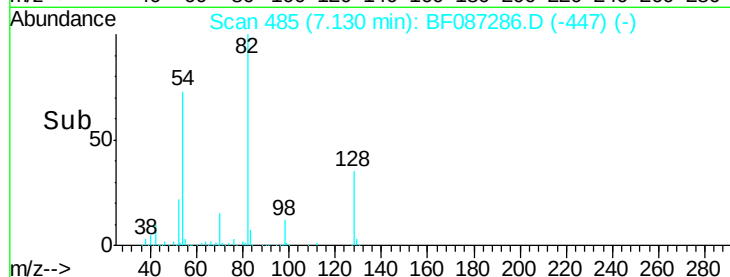
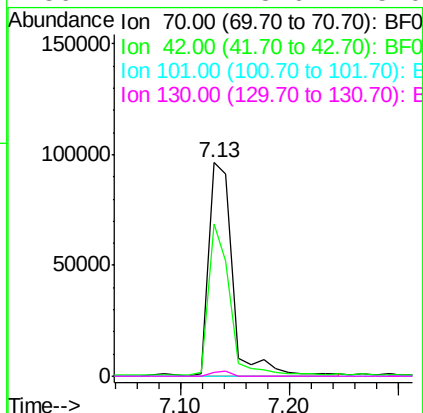
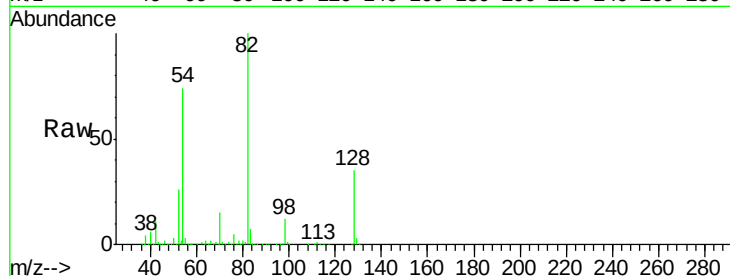




#19
n-Nitroso-di-n-propylamine
Concen: 19.60 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF087286.D
Acq: 22 May 2016 12:56

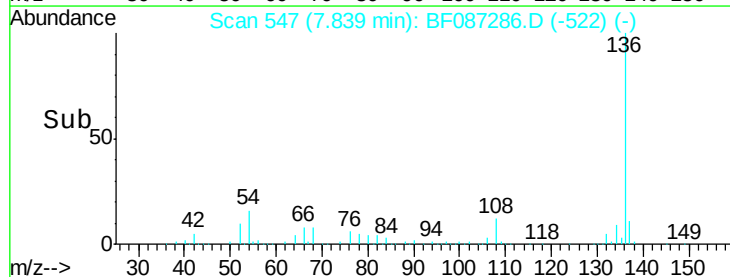
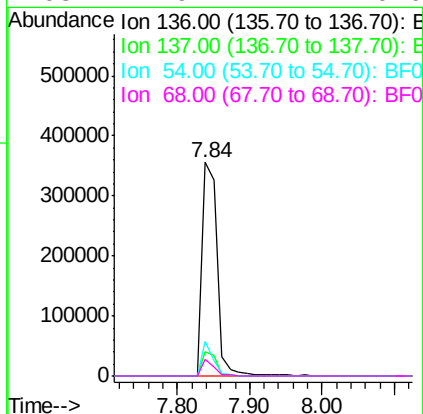
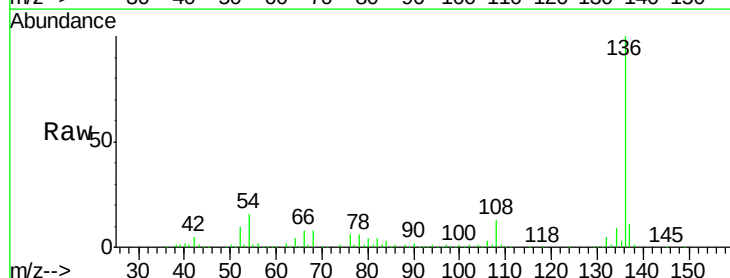
Instrument :
BNA_F
ClientSampleId :
MW-05

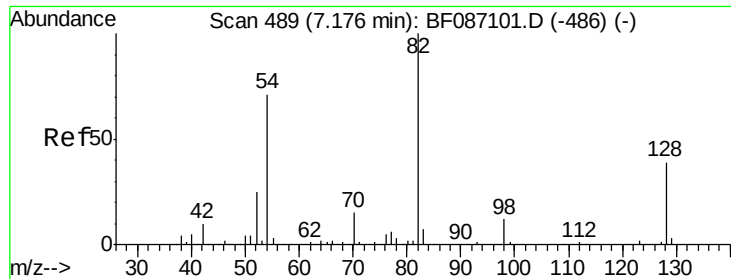
Tgt Ion: 70 Resp: 150702
Ion Ratio Lower Upper
70 100
42 71.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087286.D
Acq: 22 May 2016 12:56

Tgt Ion: 136 Resp: 513556
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 15.9 5.0 7.4#
68 7.9 4.4 6.6#

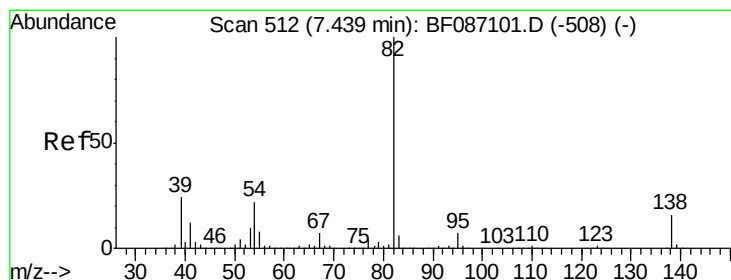
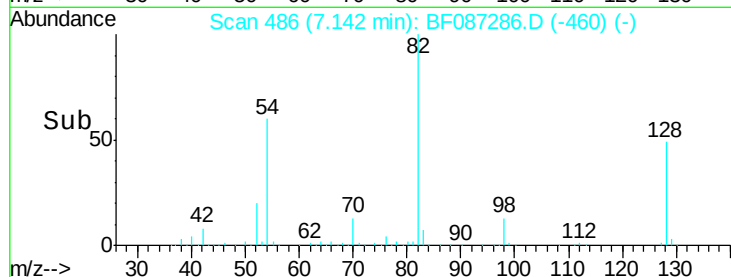
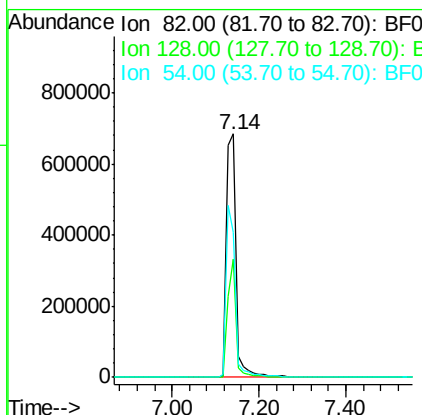
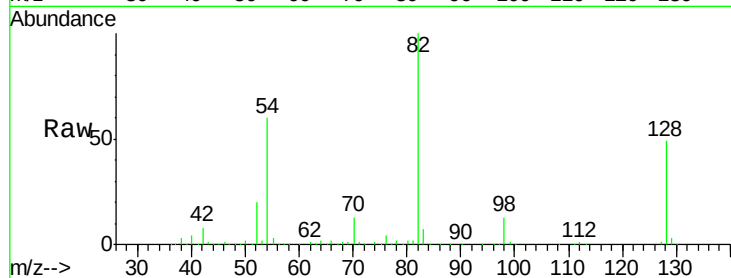




#23
 Nitrobenzene-d5
 Concen: 101.23 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

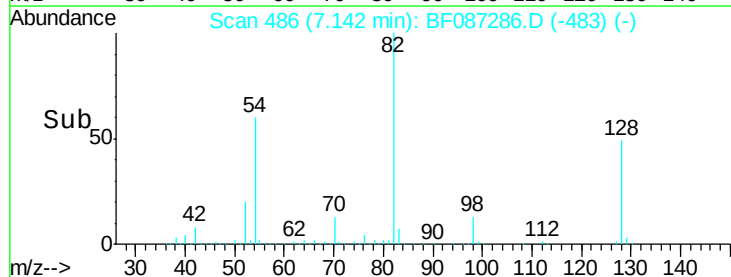
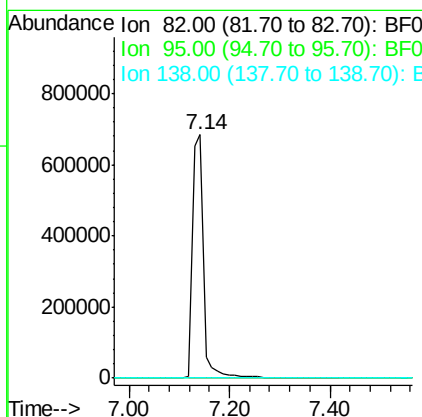
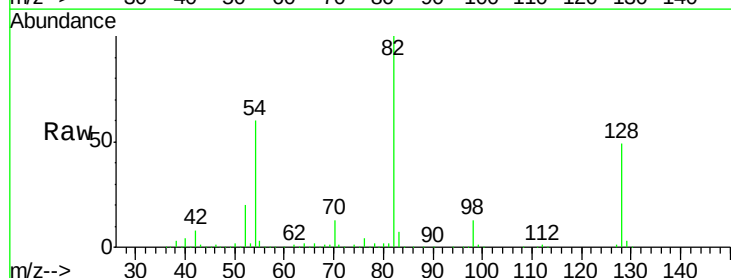
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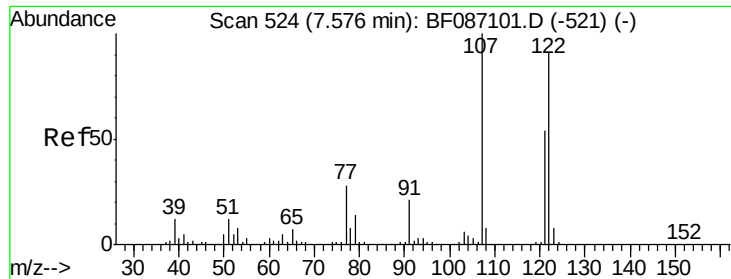
Tgt Ion: 82 Resp: 1043140
 Ion Ratio Lower Upper
 82 100
 128 48.7 40.6 61.0
 54 59.8 38.1 57.1#



#25
 Isophorone
 Concen: 54.36 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.26 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Tgt Ion: 82 Resp: 1025314
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

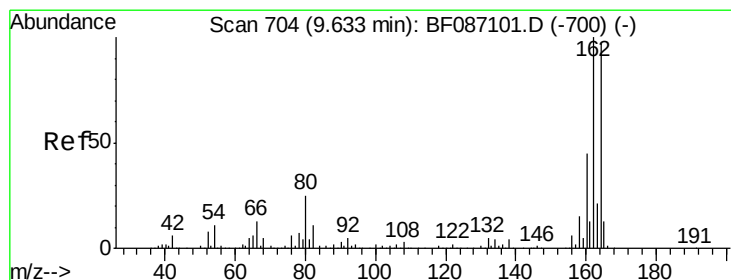
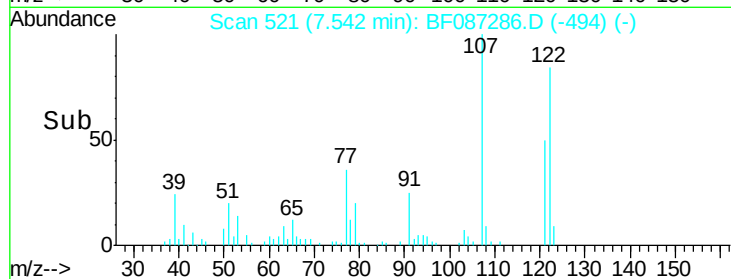
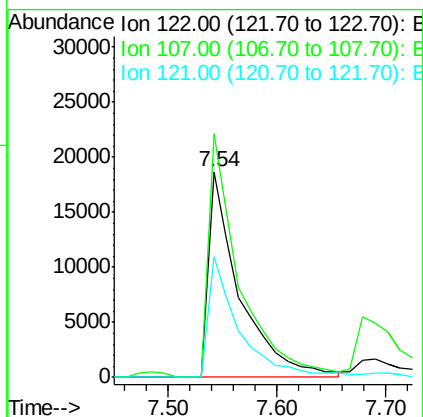
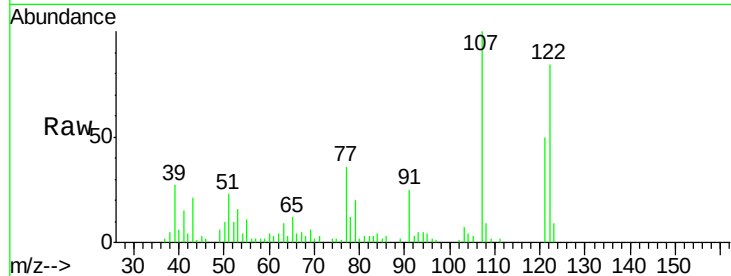




#27
 2,4-Dimethylphenol
 Concen: 4.70 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.01 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

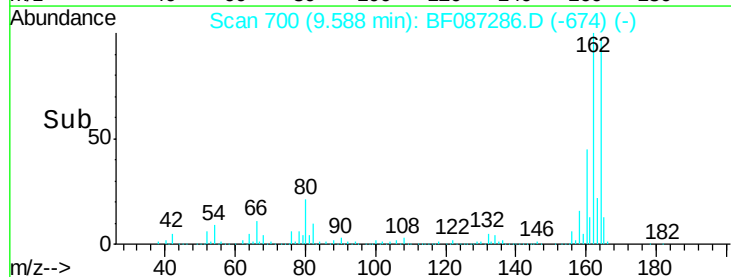
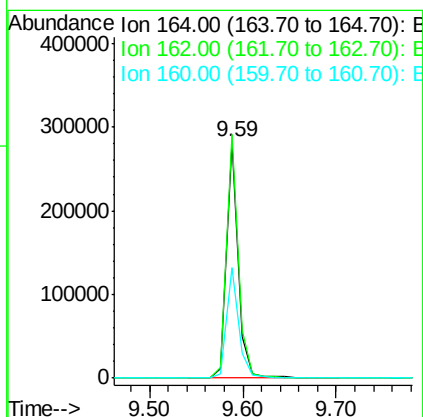
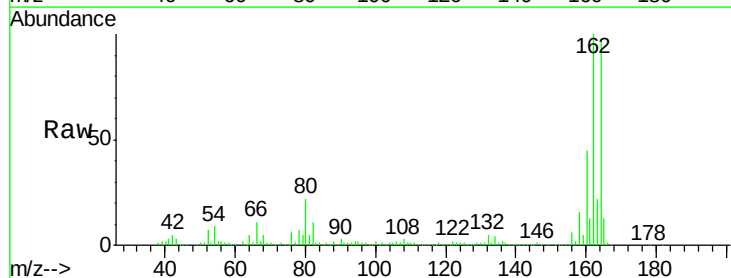
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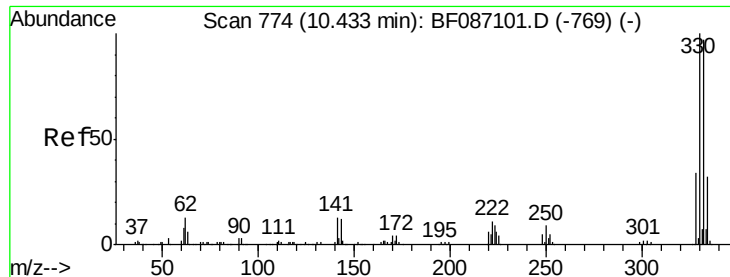
Tgt Ion:122 Resp: 37346
 Ion Ratio Lower Upper
 122 100
 107 118.5 82.0 123.0
 121 58.9 46.1 69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Tgt Ion:164 Resp: 244858
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 46.7 36.9 55.3

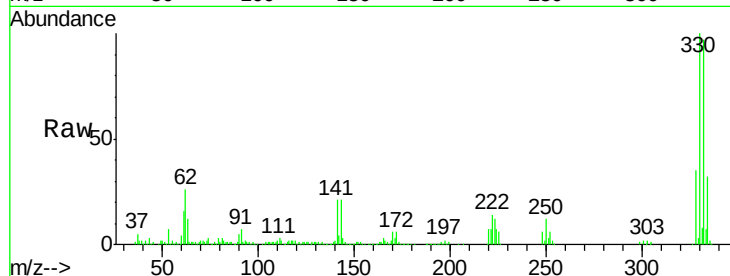




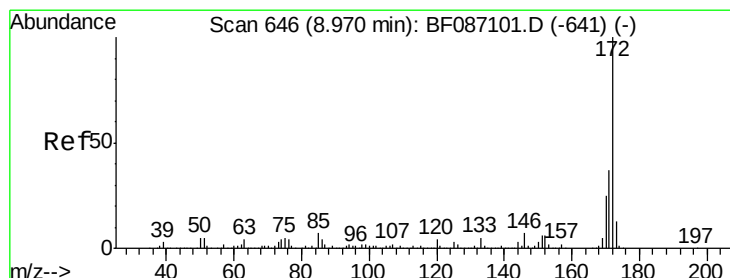
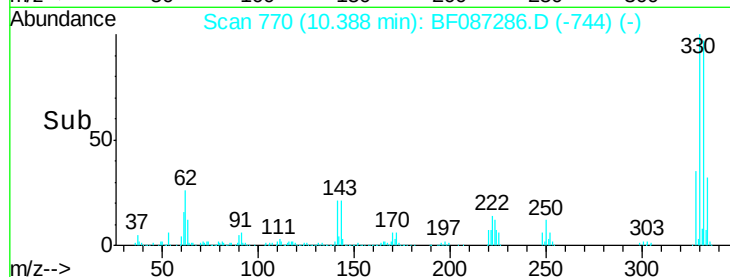
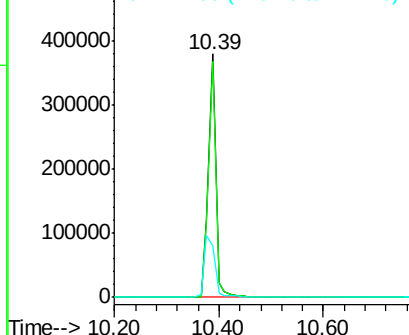
#41
 2,4,6-Tribromophenol
 Concen: 139.88 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	35.1	31.2	46.8

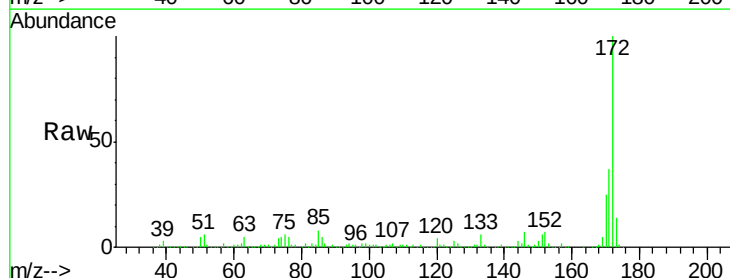


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

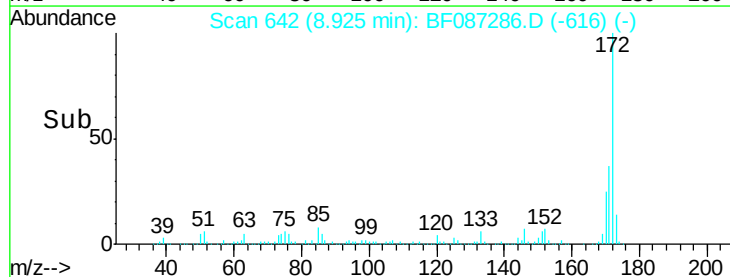
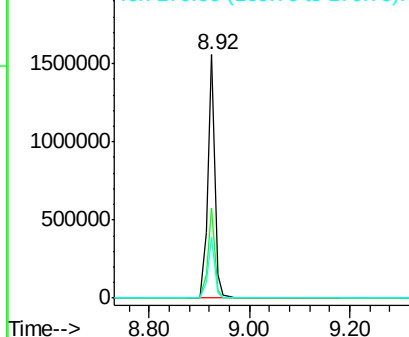


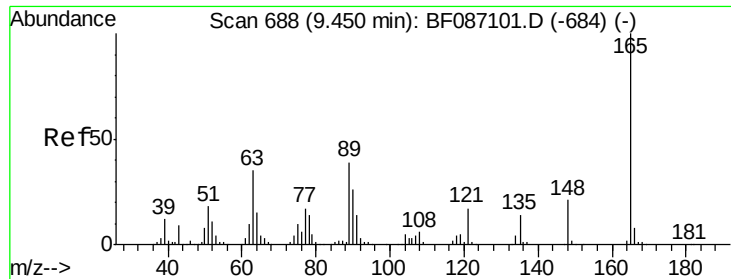
#44
 2-Fluorobiphenyl
 Concen: 101.79 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.0	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

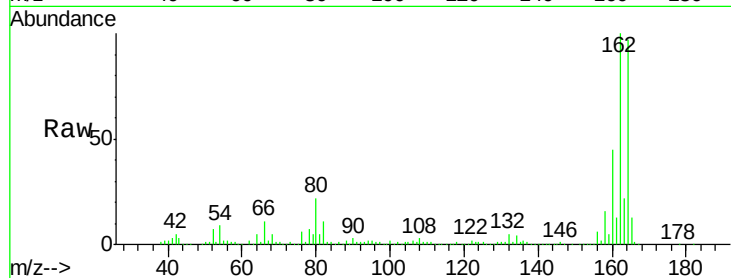




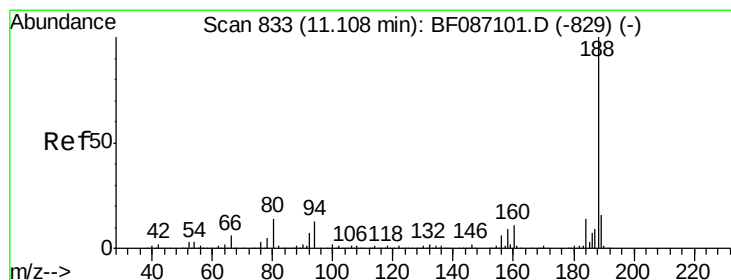
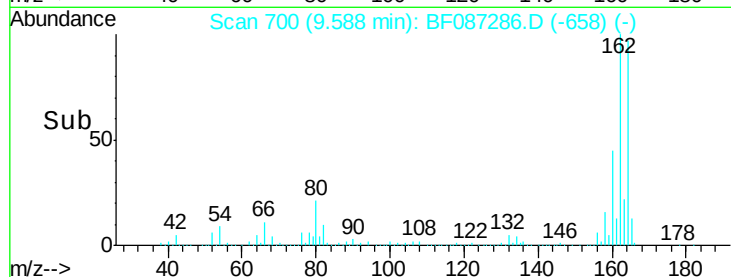
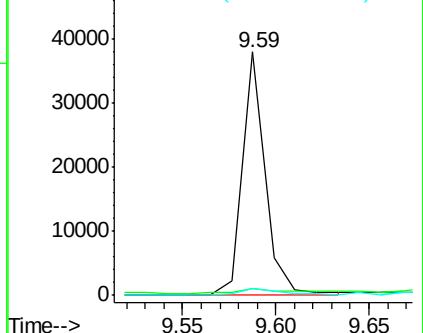
#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Instrument :
 BNA_F
 ClientSampled :
 MW-05

Tgt Ion:165 Resp: 32857
 Ion Ratio Lower Upper
 165 100
 63 2.9 51.8 77.8#
 89 3.0 50.7 76.1#

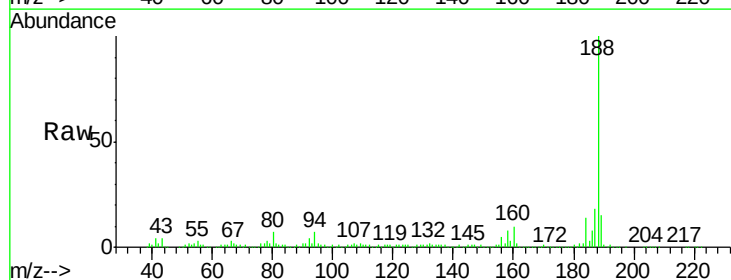


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

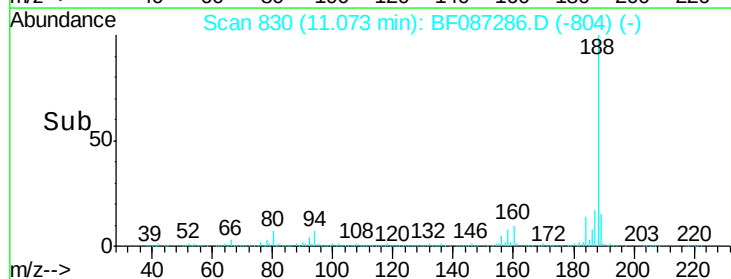
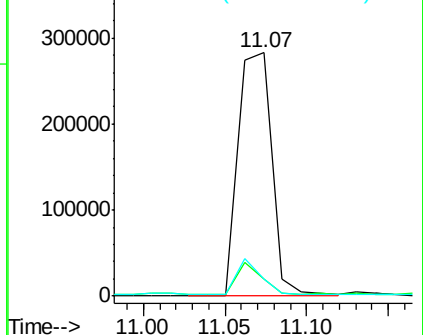


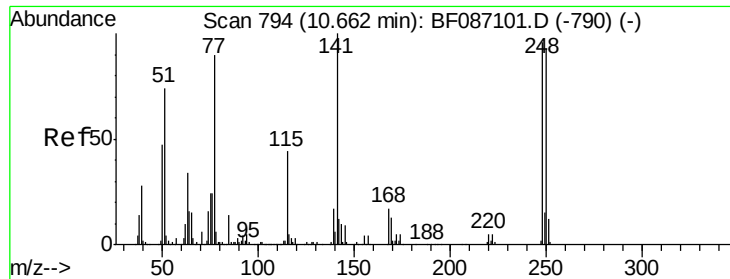
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Tgt Ion:188 Resp: 402535
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.8 10.2
 80 7.2 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

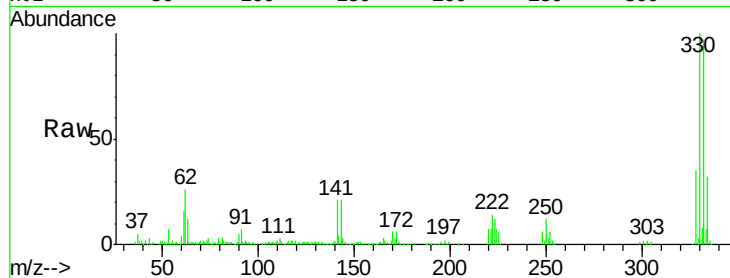




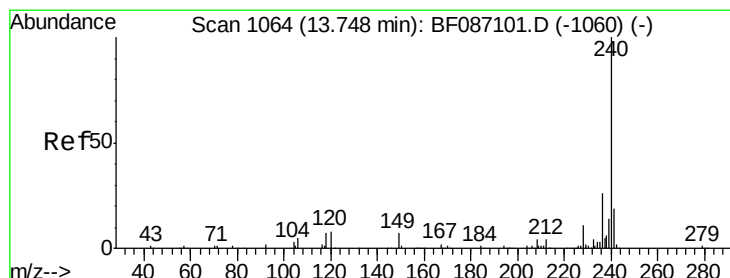
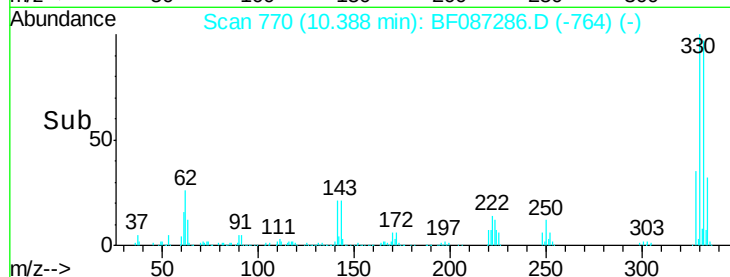
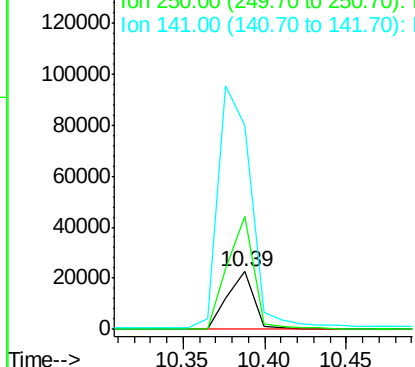
#66
 4-Bromophenyl-phenylether
 Concen: 6.09 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.23 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:248 Resp: 25222
 Ion Ratio Lower Upper
 248 100
 250 196.4 78.6 117.8#
 141 354.3 76.0 114.0#

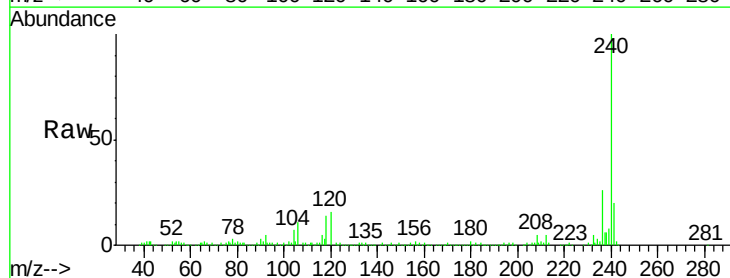


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

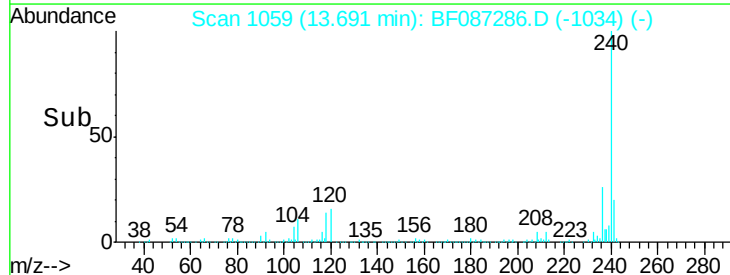
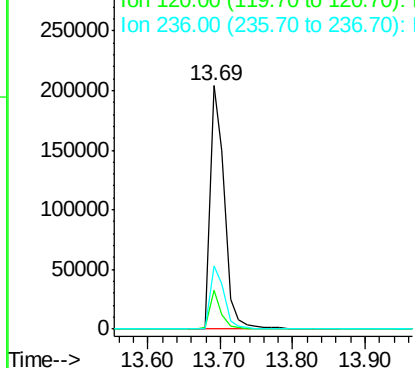


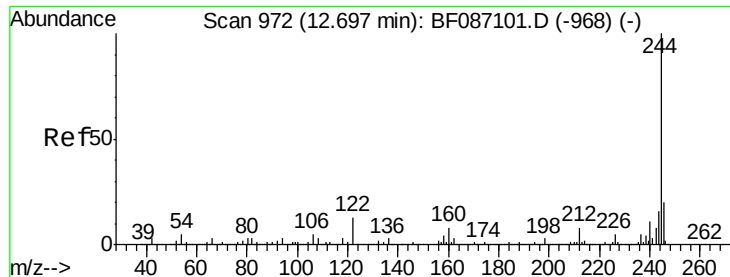
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Tgt Ion:240 Resp: 274595
 Ion Ratio Lower Upper
 240 100
 120 15.9 11.2 16.8
 236 25.8 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: 95.47 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

Instrument :

BNA_F

ClientSampleId :

MW-05

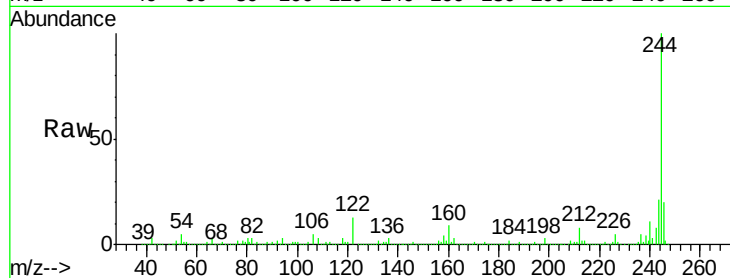
Tgt Ion:244 Resp: 1158866

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

122 13.3 12.0 18.0

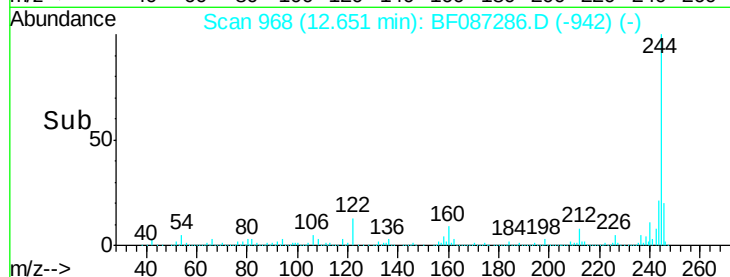


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



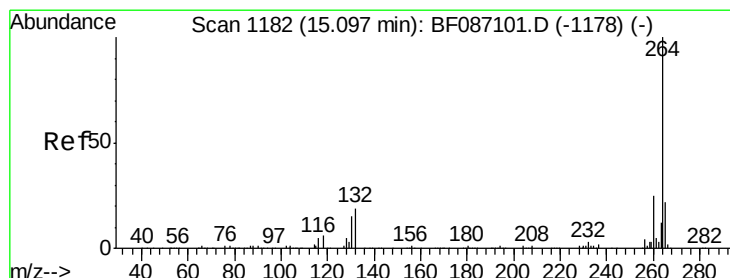
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

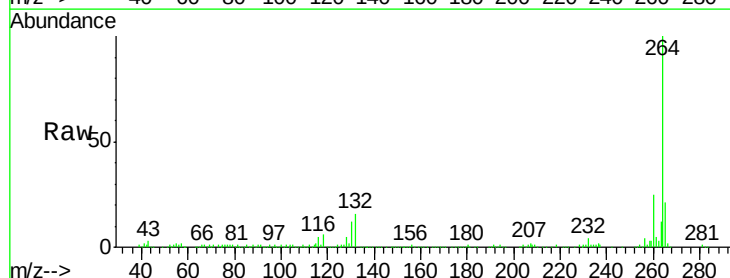
Tgt Ion:264 Resp: 219774

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.3 17.3 25.9

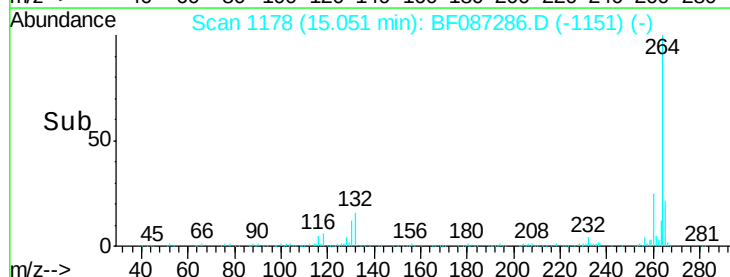


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->