

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087288.D
 Acq On : 22 May 2016 13:54
 Operator : UM/SJ
 Sample : H3172-04
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: May 23 03:37:45 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	112071	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	469970	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	218414	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	365232	20.00	ng	0.00
75) Chrysene-d12	13.69	240	257699	20.00	ng	-0.01
86) Perylene-d12	15.05	264	208682	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	482682	72.39	ng	0.01
7) Phenol-d6	6.23	99	441125	49.33	ng	0.00
23) Nitrobenzene-d5	7.14	82	958066	101.60	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	326691	135.36	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1388779	105.31	ng	0.00
78) Terphenyl-d14	12.65	244	1072419	94.14	ng	0.00

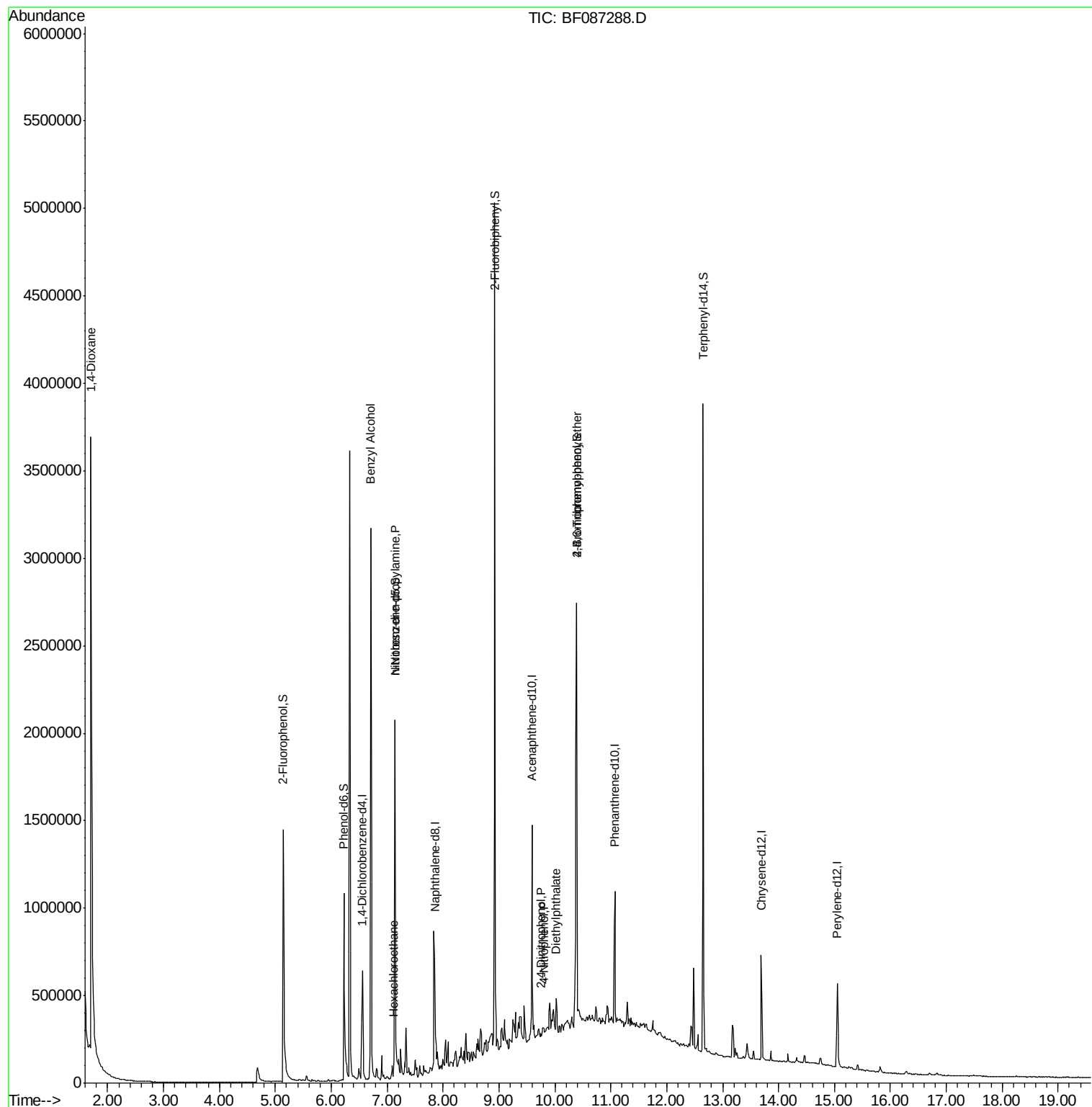
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.70	88	134609	39.25	ng	# 22
9) Benzaldehyde	6.23	77	955	Below Cal		# 4
15) Benzyl Alcohol	6.71	79	17626	2.65	ng	# 46
18) Hexachloroethane	7.12	117	36058	10.69	ng	# 6
19) n-Nitroso-di-n-propylamine	7.14	70	139267	20.49	ng	# 84
53) 2,4-Dinitrophenol	9.75	184	459	4.95	ng	# 1
55) 4-Nitrophenol	9.80	139	2833	2.37	ng	# 10
59) Diethylphthalate	10.02	149	50169	3.15	ng	94
66) 4-Bromophenyl-phenylether	10.39	248	22393	5.96	ng	# 1

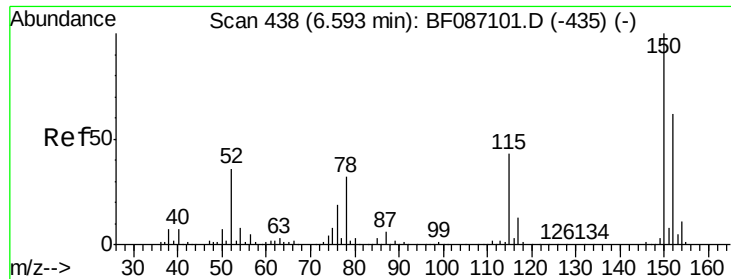
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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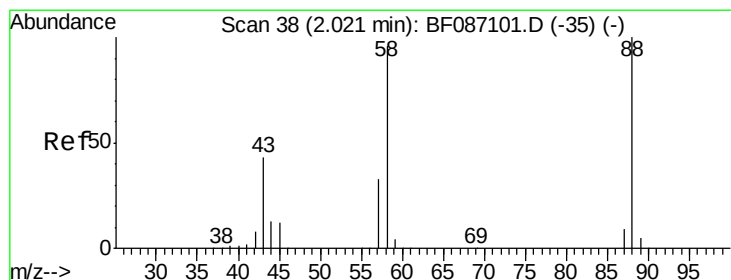
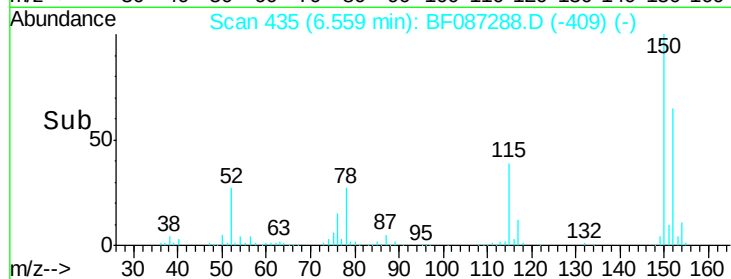
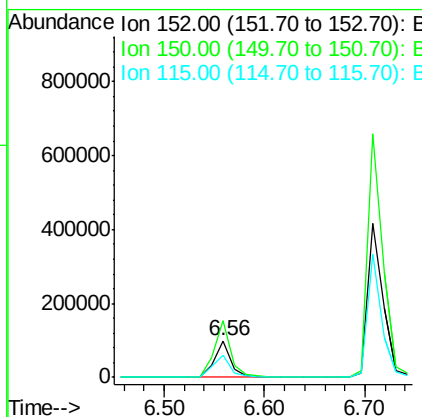
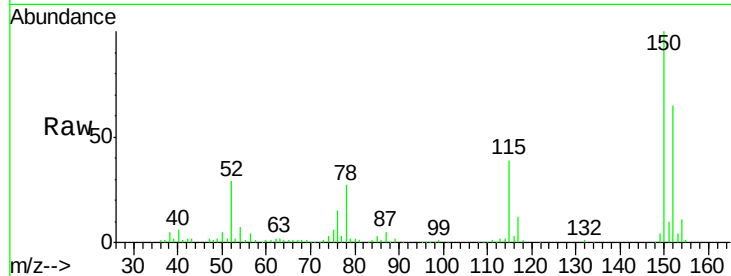


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampled :
MW-24

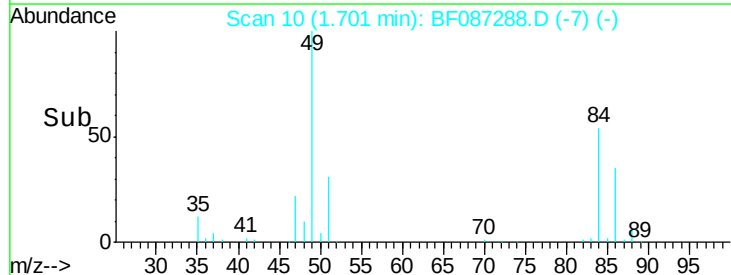
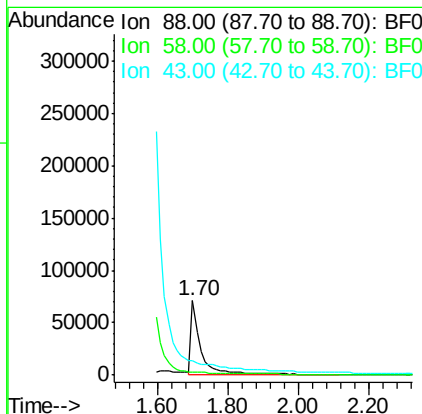
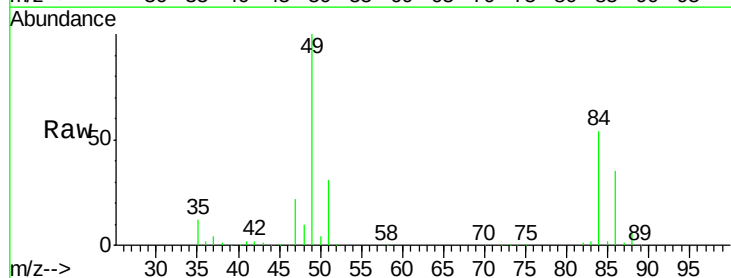
Tgt Ion: 152 Resp: 112071
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 61.1 51.5 77.3

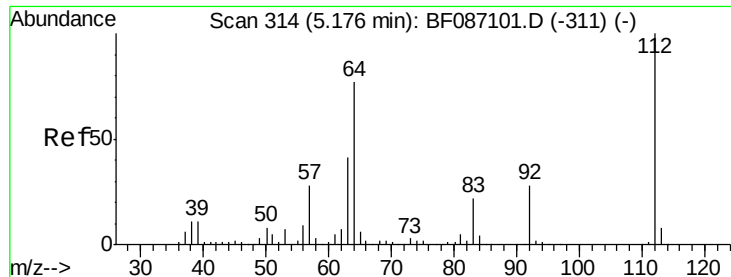


#2

1,4-Dioxane
Concen: 39.25 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion: 88 Resp: 134609
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#

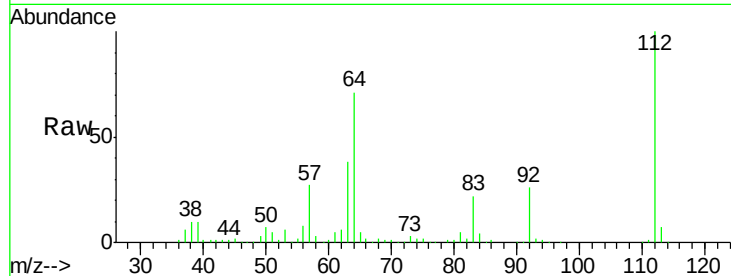




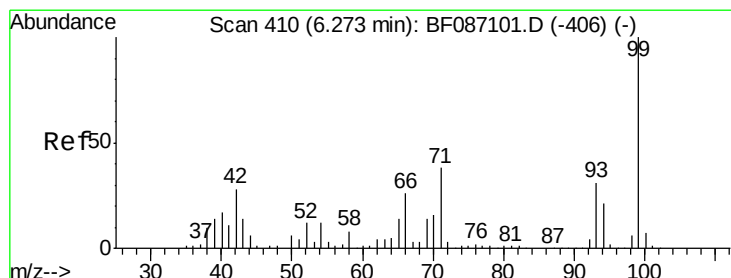
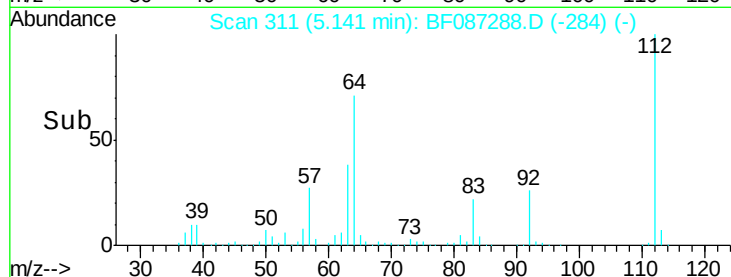
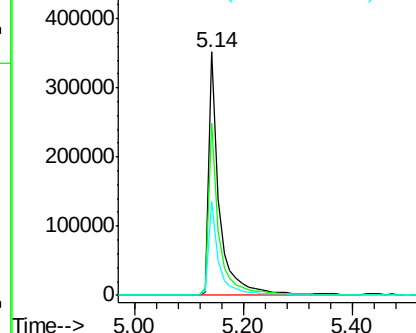
#5
 2-Fluorophenol
 Concen: 72.39 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion: 112 Resp: 482682
 Ion Ratio Lower Upper
 112 100
 64 70.8 52.1 78.1
 63 38.4 25.7 38.5

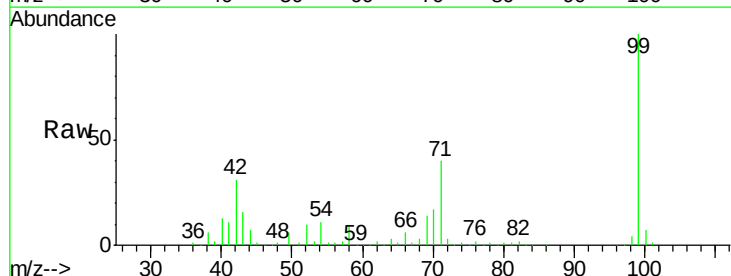


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

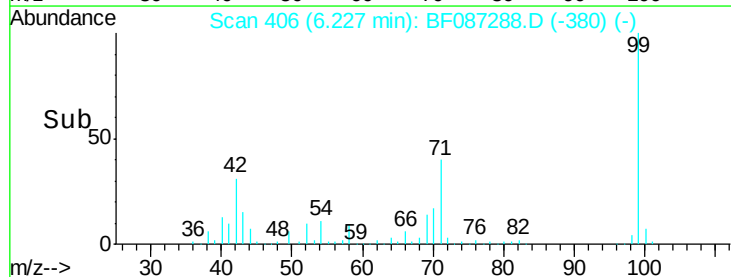
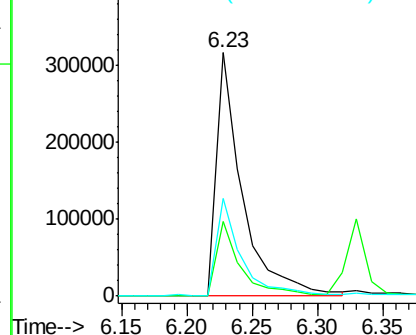


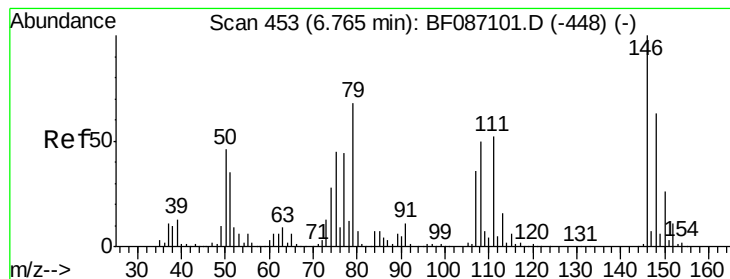
#7
 Phenol-d6
 Concen: 49.33 ng
 RT: 6.23 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Tgt Ion: 99 Resp: 441125
 Ion Ratio Lower Upper
 99 100
 42 30.8 13.6 20.4#
 71 40.2 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





#15

Benzyl Alcohol

Concen: 2.65 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-24

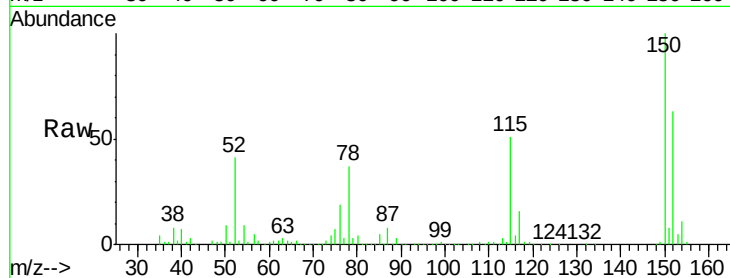
Tgt Ion: 79 Resp: 17626

Ion Ratio Lower Upper

79 100

108 29.3 68.4 102.6#

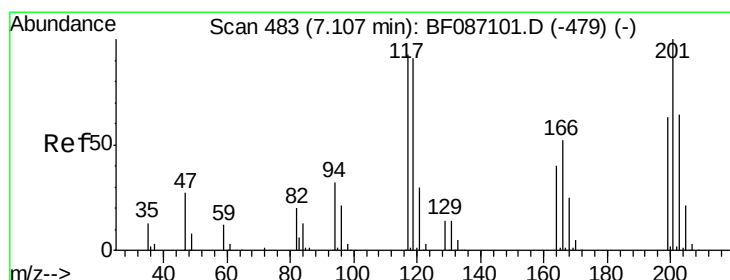
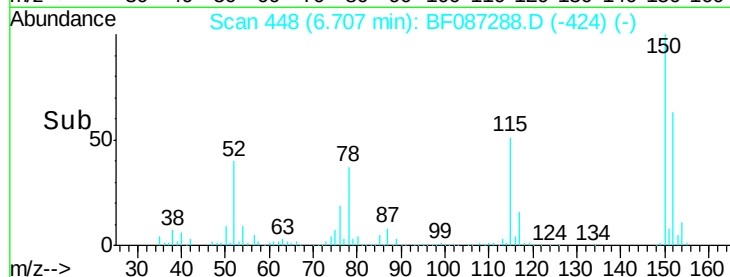
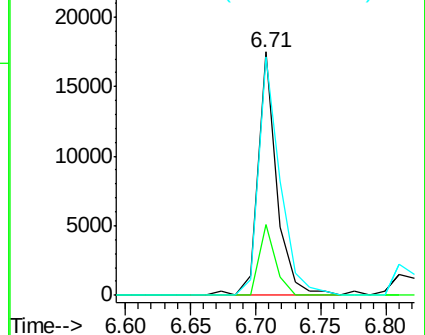
77 97.7 50.6 76.0#



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



#18

Hexachloroethane

Concen: 10.69 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.06 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

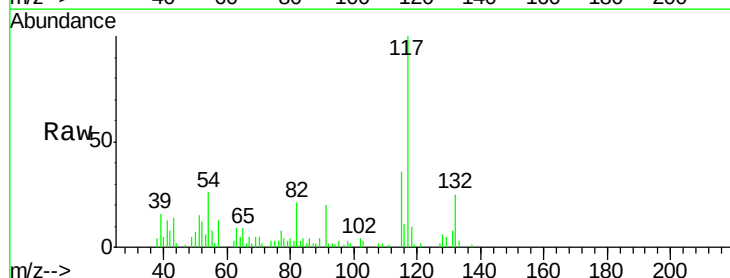
Tgt Ion: 117 Resp: 36058

Ion Ratio Lower Upper

117 100

119 1.3 76.5 114.7#

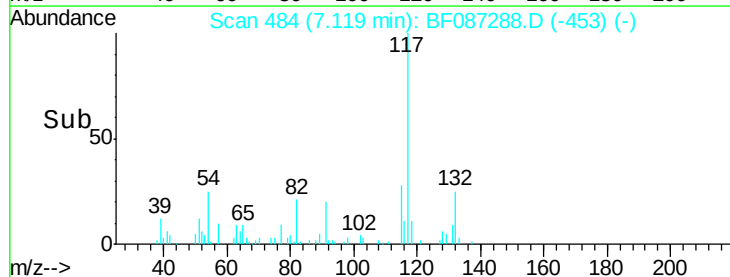
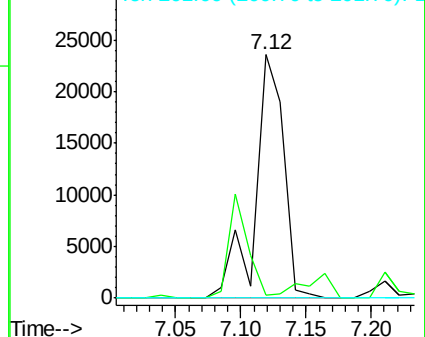
201 0.0 63.0 94.6#

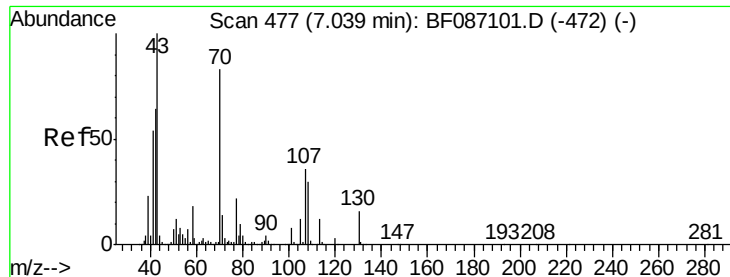


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 20.49 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.15 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-24

Tgt Ion: 70 Resp: 139267

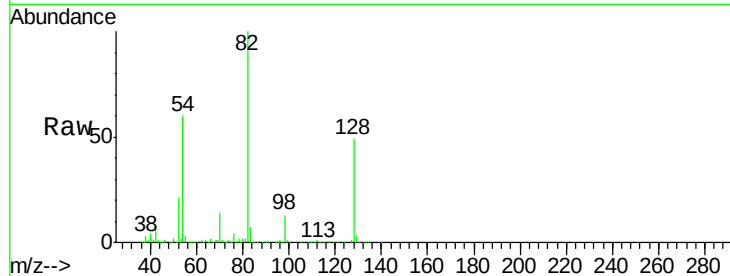
Ion Ratio Lower Upper

70 100

42 55.2 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#

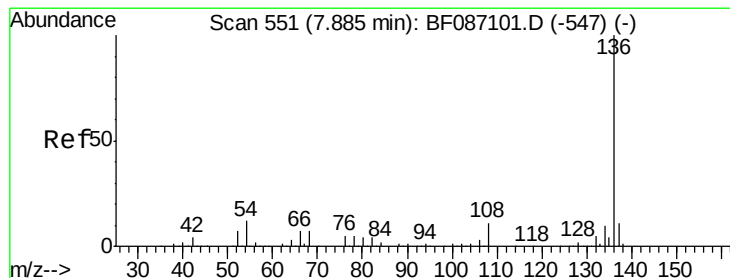
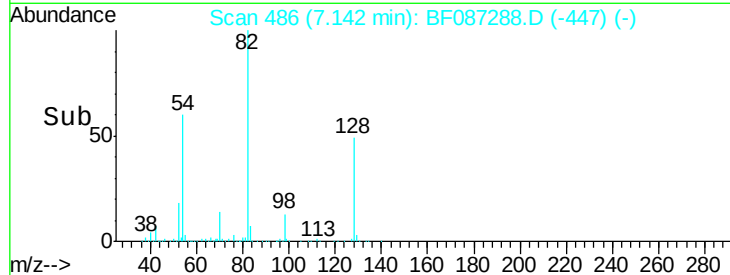
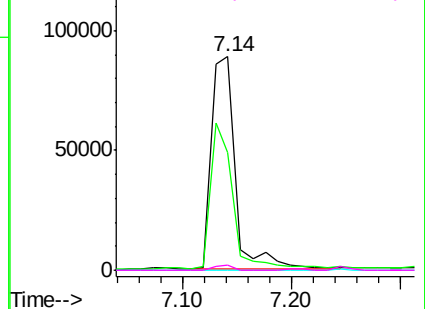


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Tgt Ion: 136 Resp: 469970

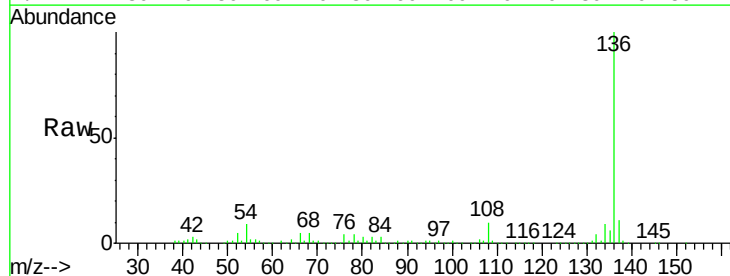
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 9.2 5.0 7.4#

68 4.8 4.4 6.6

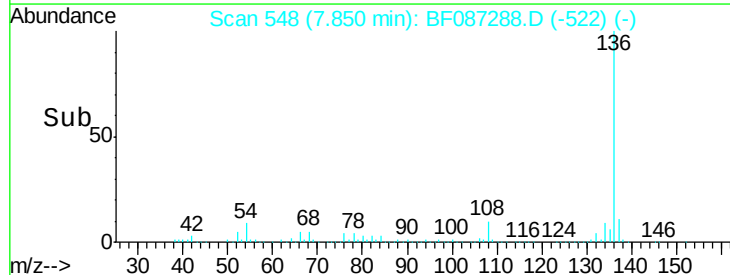
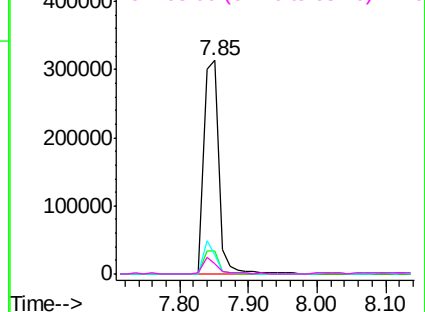


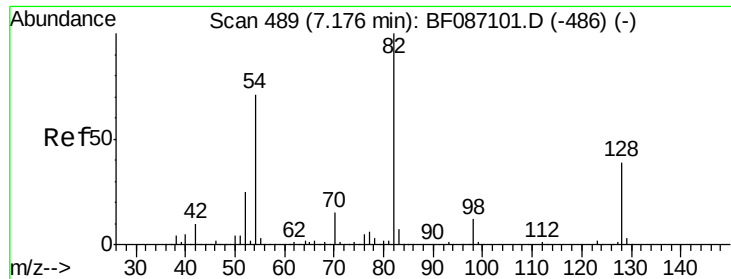
Abundance Ion 136.00 (135.70 to 136.70): E

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

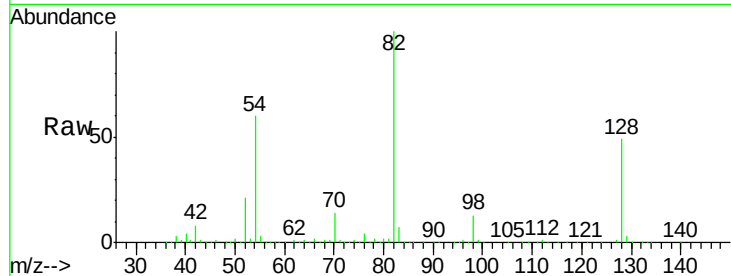




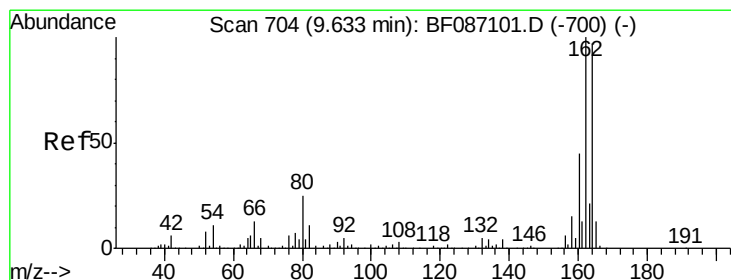
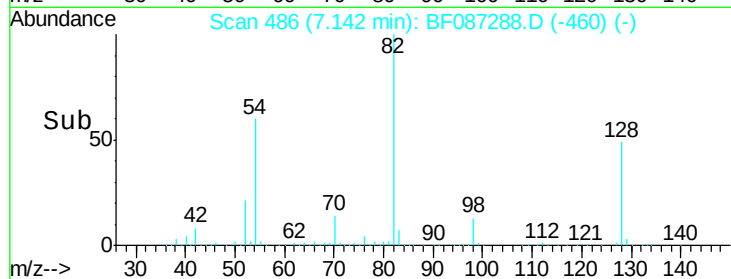
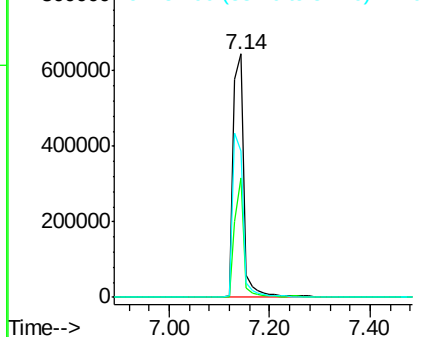
#23
 Nitrobenzene-d5
 Concen: 101.60 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion: 82 Resp: 958066
 Ion Ratio Lower Upper
 82 100
 128 48.9 40.6 61.0
 54 60.3 38.1 57.1#

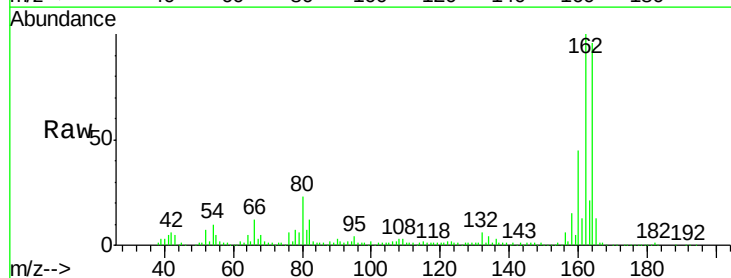


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

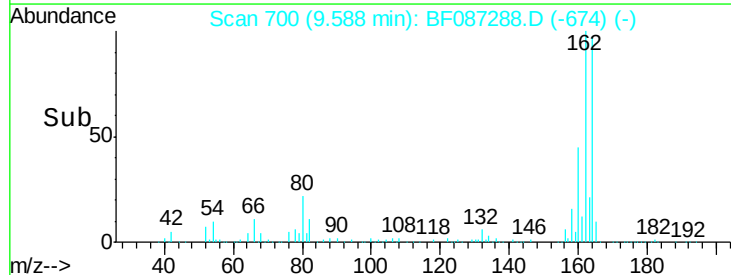
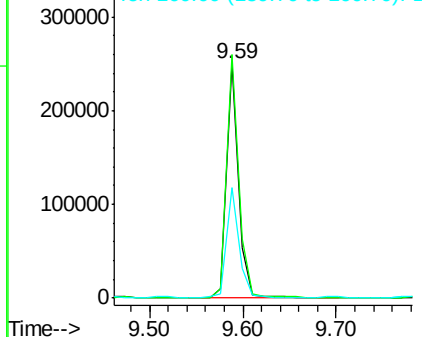


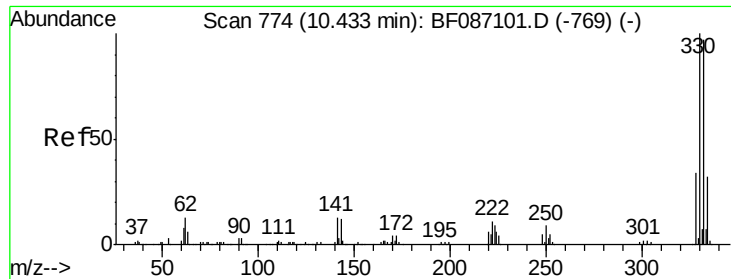
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Tgt Ion: 164 Resp: 218414
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 47.2 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

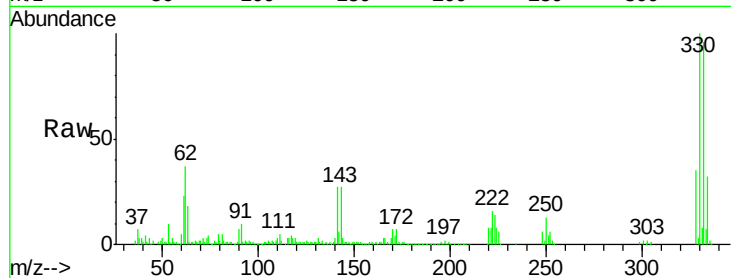




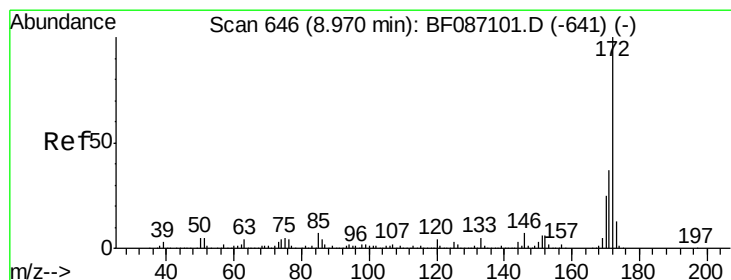
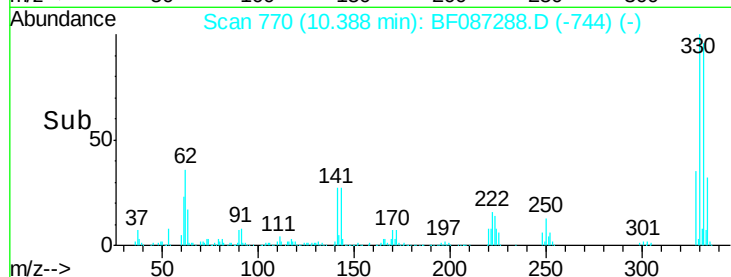
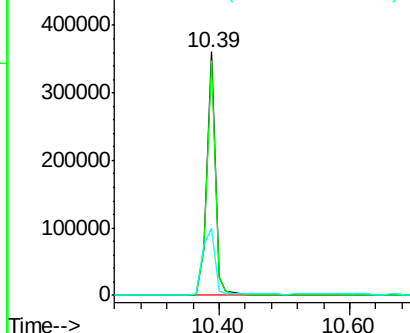
#41
 2,4,6-Tribromophenol
 Concen: 135.36 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	39.2	31.2	46.8

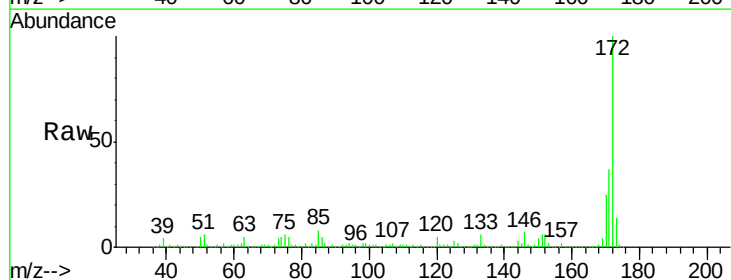


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

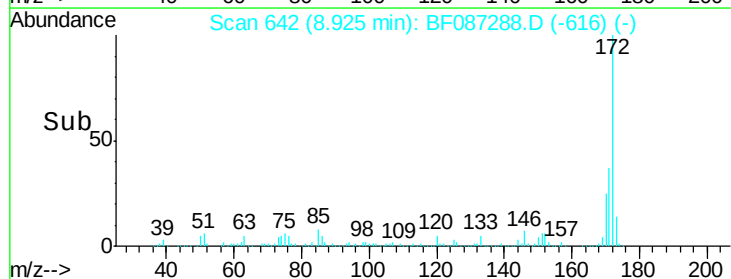
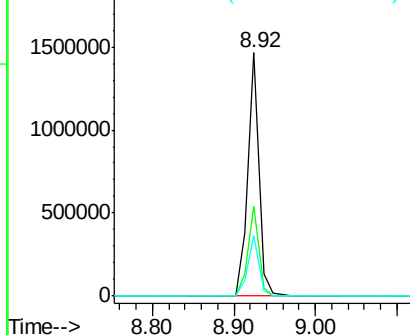


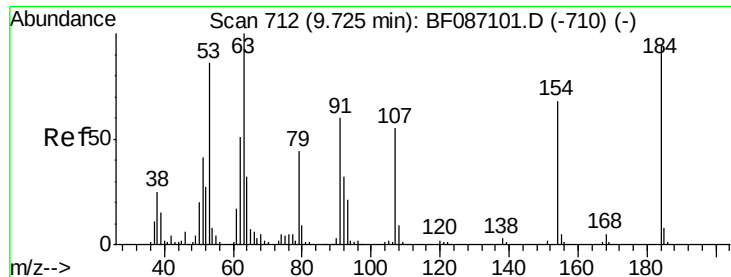
#44
 2-Fluorobiphenyl
 Concen: 105.31 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.9	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

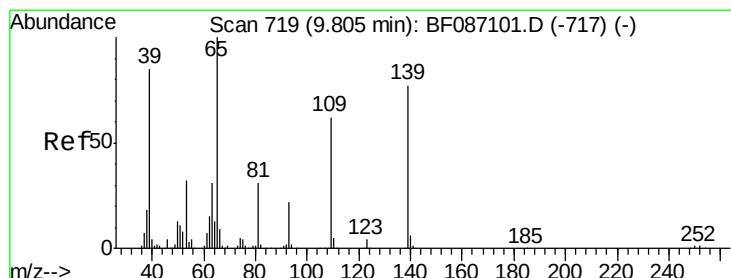
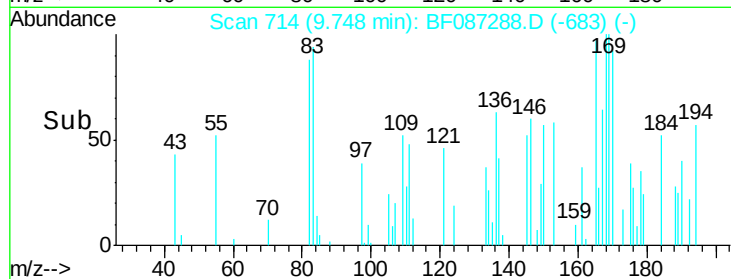
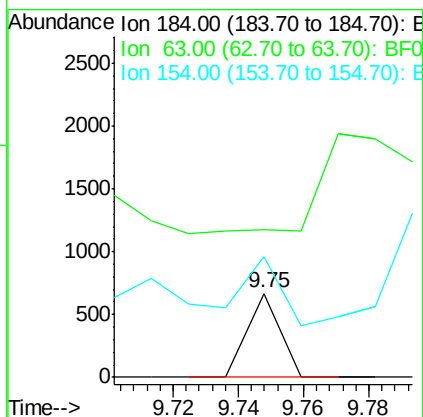
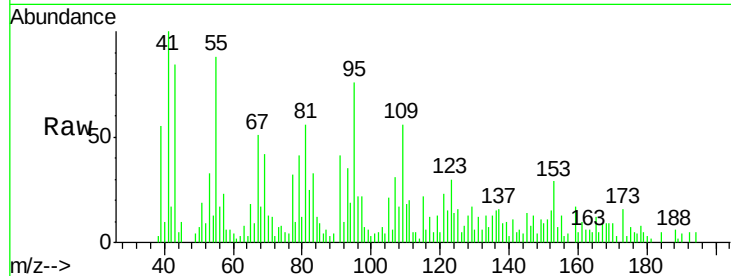




#53
2,4-Dinitrophenol
Concen: 4.95 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.06 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

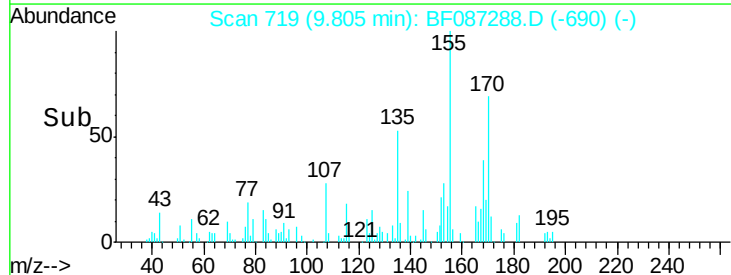
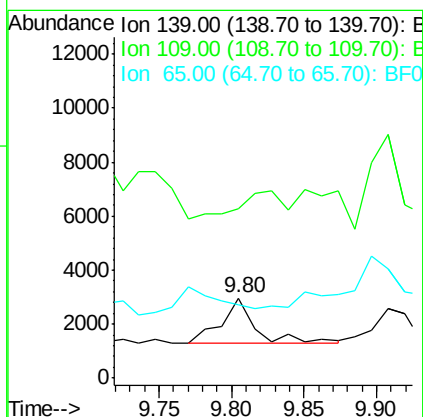
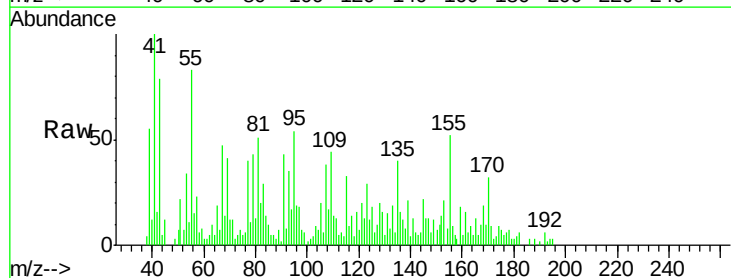
Instrument :
BNA_F
ClientSampleId :
MW-24

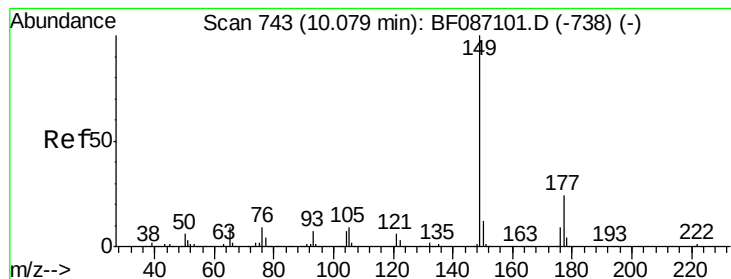
Tgt Ion:184 Resp: 459
Ion Ratio Lower Upper
184 100
63 174.8 55.8 83.8#
154 142.7 62.4 93.6#



#55
4-Nitrophenol
Concen: 2.37 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.03 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:139 Resp: 2833
Ion Ratio Lower Upper
139 100
109 211.6 36.9 76.9#
65 92.0 64.0 104.0





#59

Diethylphthalate

Concen: 3.15 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-24

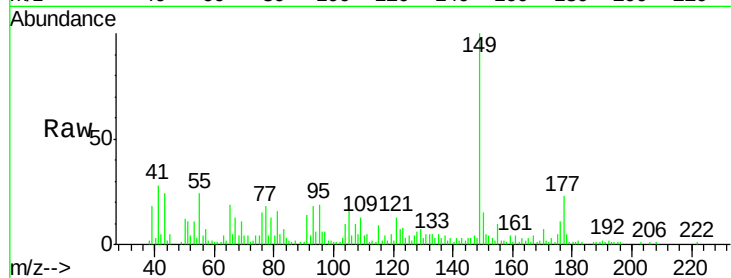
Tgt Ion:149 Resp: 50169

Ion Ratio Lower Upper

149 100

177 23.2 16.6 24.8

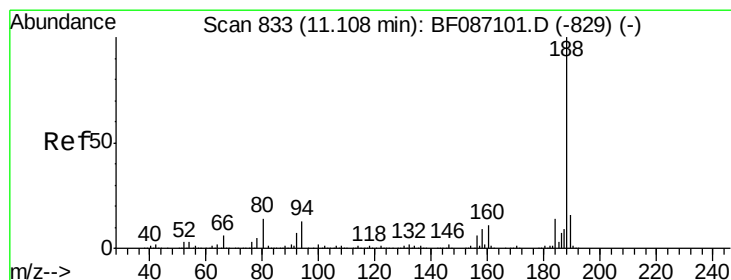
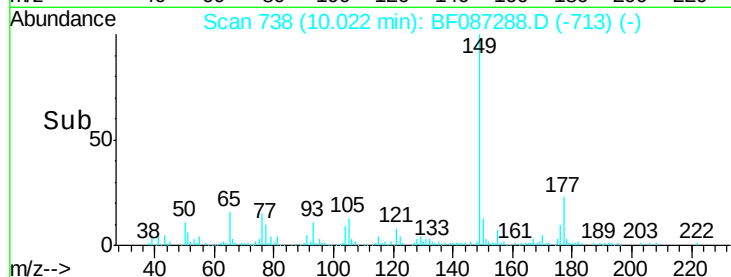
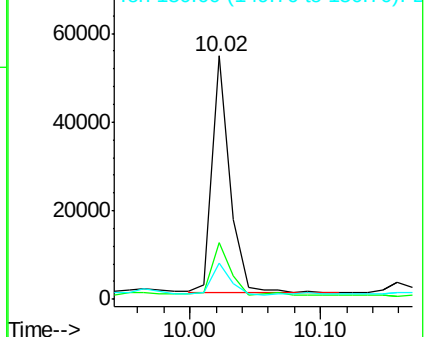
150 14.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

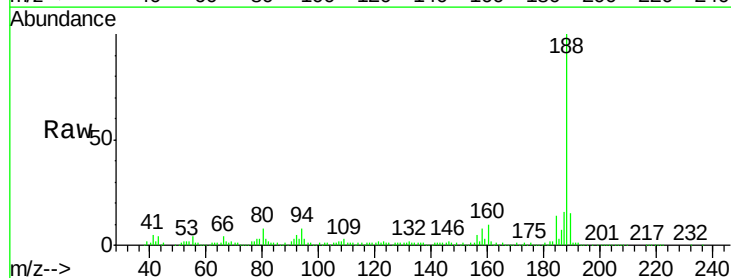
Tgt Ion:188 Resp: 365232

Ion Ratio Lower Upper

188 100

94 7.7 6.8 10.2

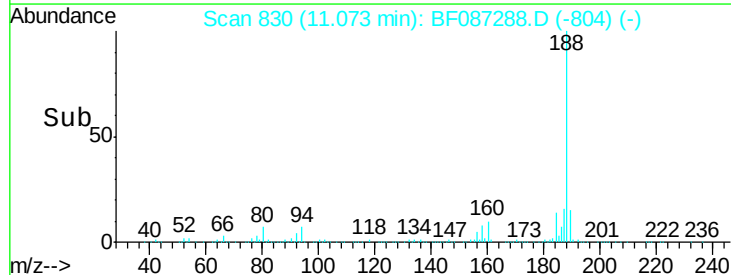
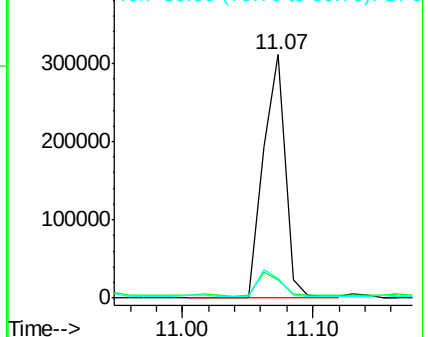
80 7.9 7.1 10.7

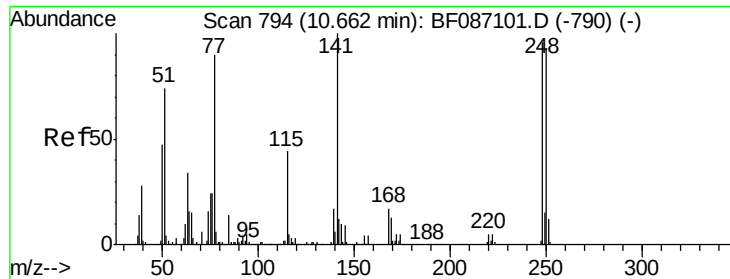


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.96 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.23 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Instrument :

BNA_F

ClientSampled :

MW-24

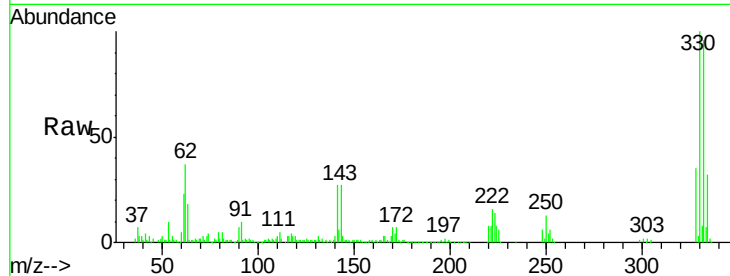
Tgt Ion:248 Resp: 22393

Ion Ratio Lower Upper

248 100

250 198.4 78.6 117.8#

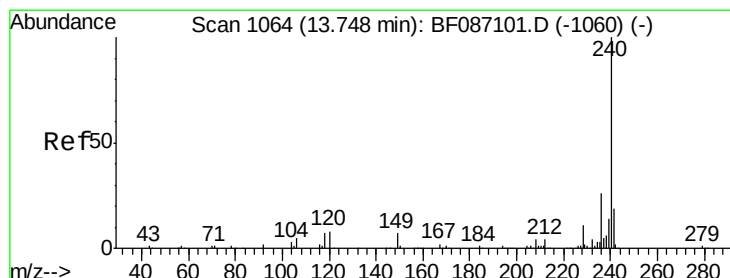
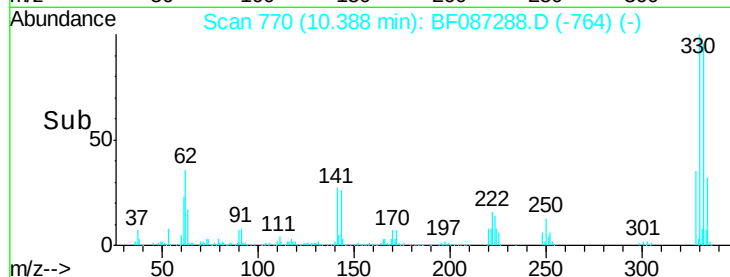
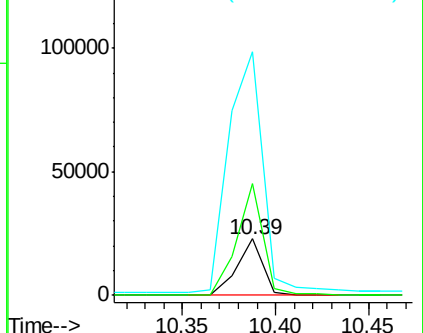
141 430.5 76.0 114.0#



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: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

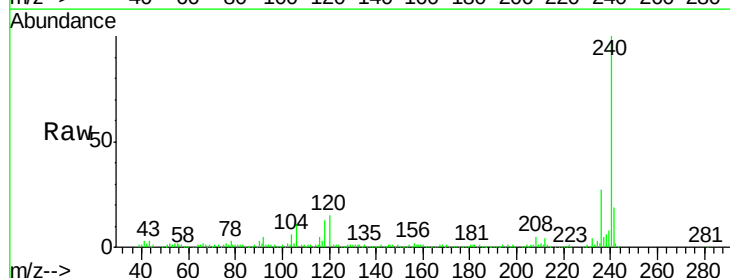
Tgt Ion:240 Resp: 257699

Ion Ratio Lower Upper

240 100

120 14.7 11.2 16.8

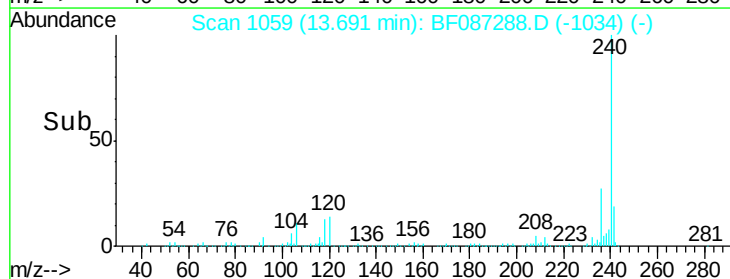
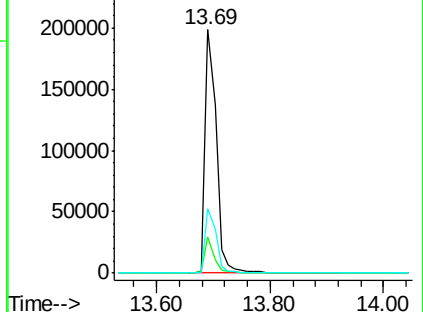
236 26.6 21.2 31.8

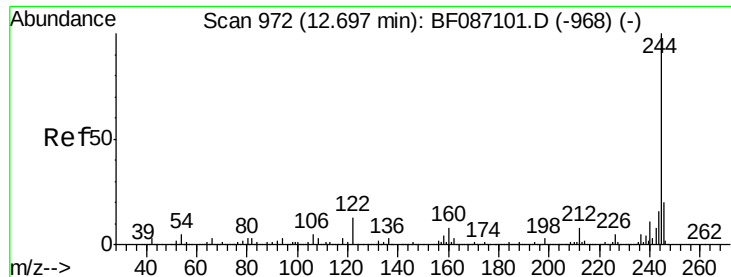


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.14 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-24

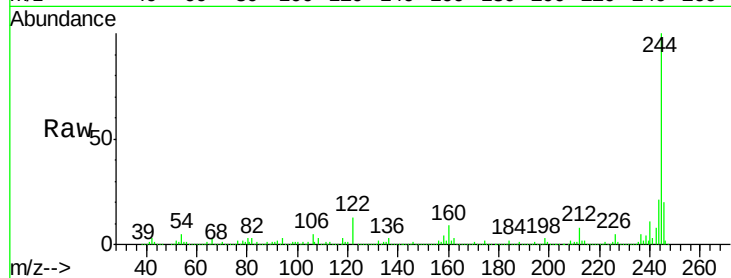
Tgt Ion:244 Resp: 1072419

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

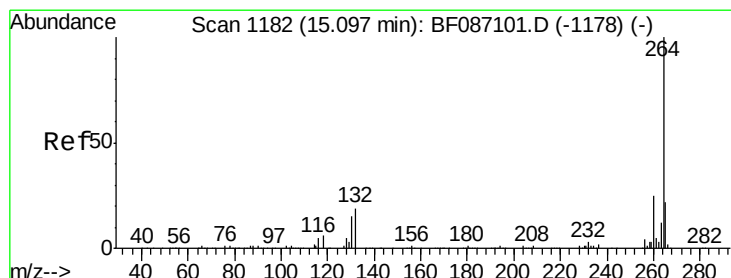
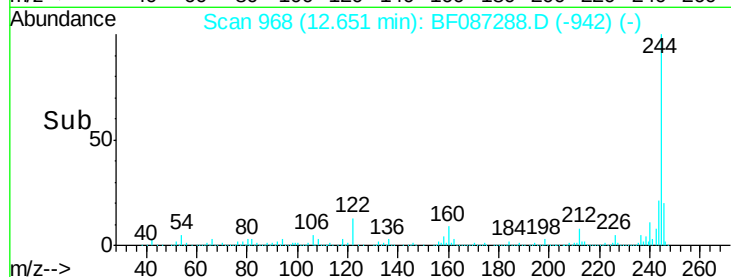
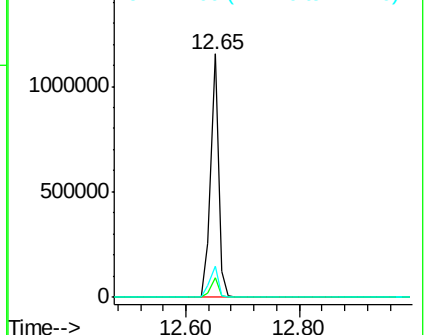
122 13.0 12.0 18.0



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: BF087288.D

Acq: 22 May 2016 13:54

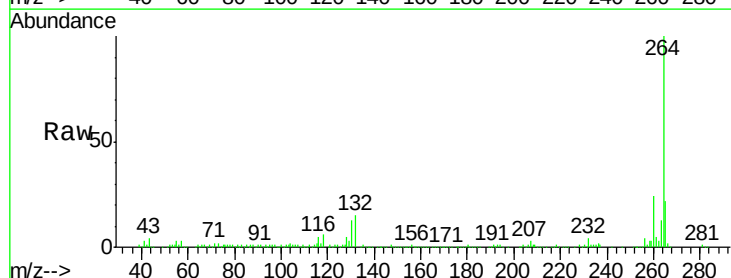
Tgt Ion:264 Resp: 208682

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.7 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

