

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087550.D
 Acq On : 30 May 2016 14:46
 Operator : UM/SJ
 Sample : H3317-04
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: May 31 00:40:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

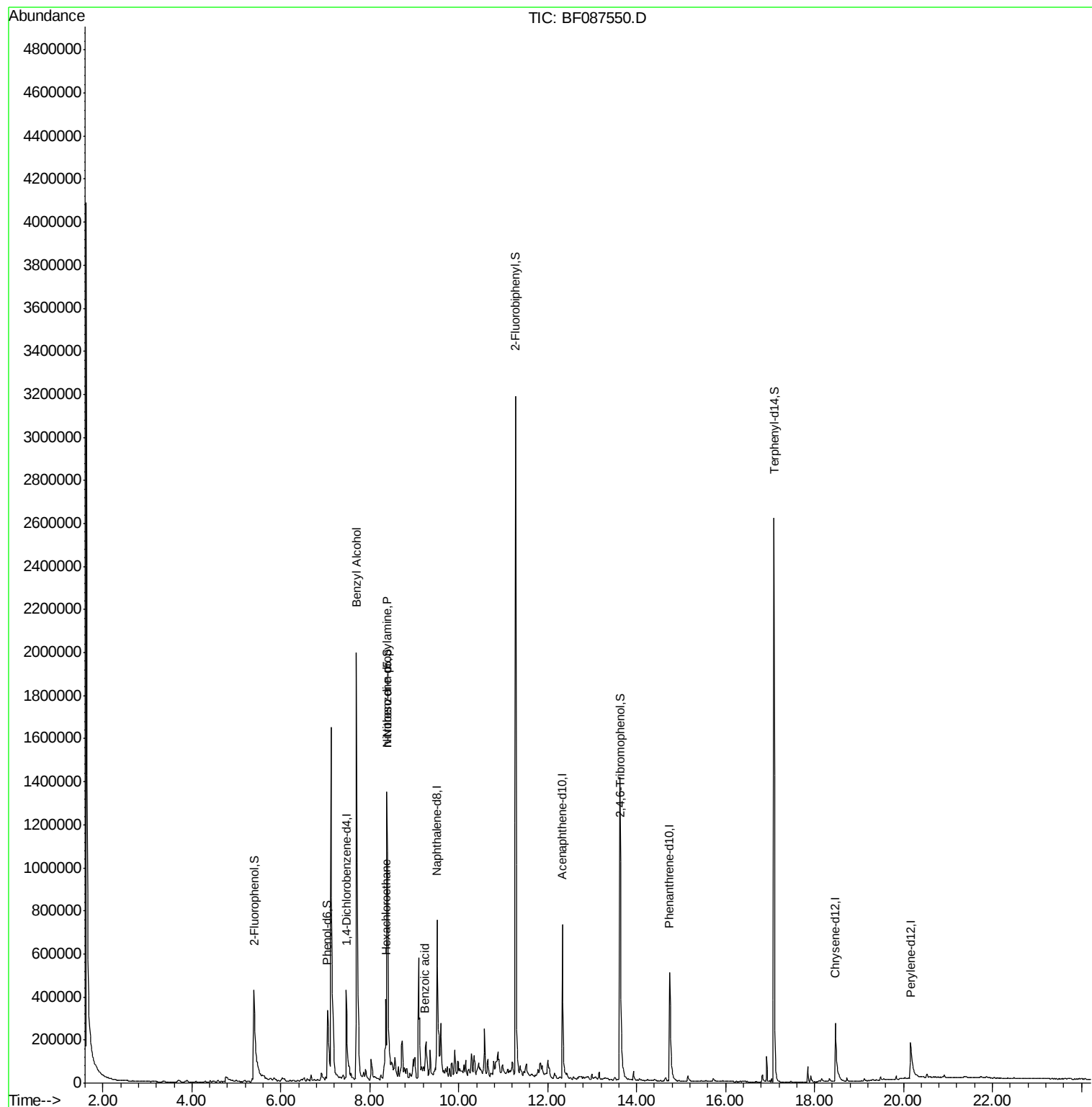
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	110886	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	423339	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	198079	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	372020	20.00	ng	-0.03
75) Chrysene-d12	18.47	240	246946	20.00	ng	-0.01
86) Perylene-d12	20.16	264	195680	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	342211	54.23	ng	-0.02
7) Phenol-d6	7.05	99	289573	33.96	ng	-0.02
23) Nitrobenzene-d5	8.39	82	762116	90.73	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	249038	130.83	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1214135	86.41	ng	-0.06
78) Terphenyl-d14	17.09	244	1030693	88.73	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	17358	2.79	ng	# 47
18) Hexachloroethane	8.36	117	158952	48.35	ng	# 8
19) n-Nitroso-di-n-propylamine	8.39	70	96257	15.14	ng	# 71
32) Benzoic acid	9.24	122	230	5.89	ng	# 1

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

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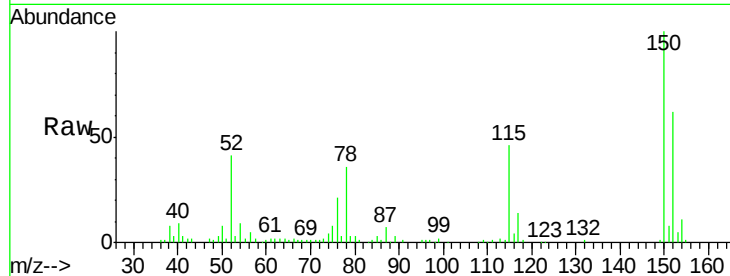


#1

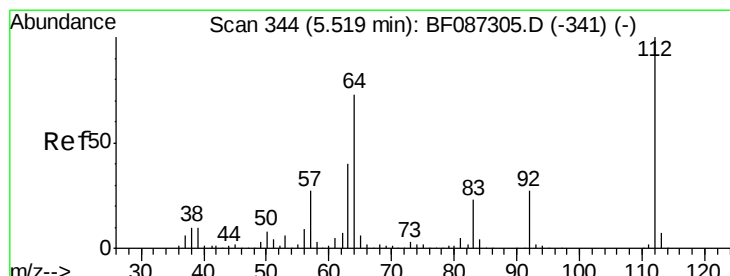
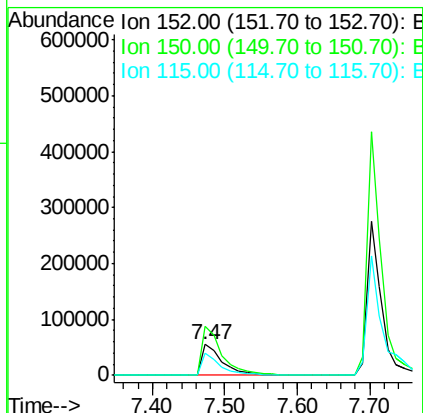
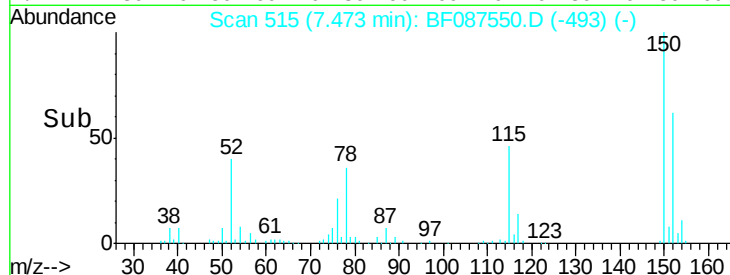
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087550.D
Acq: 30 May 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:152 Resp: 110886
Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.6
115 73.2 51.5 77.3



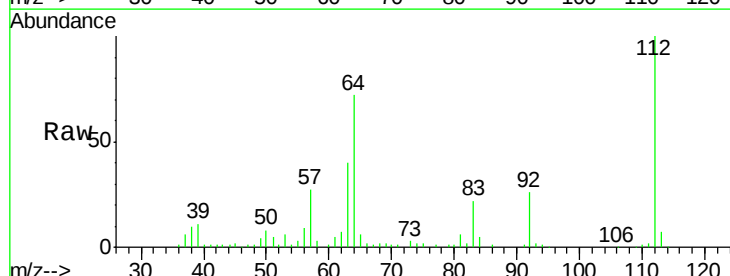
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



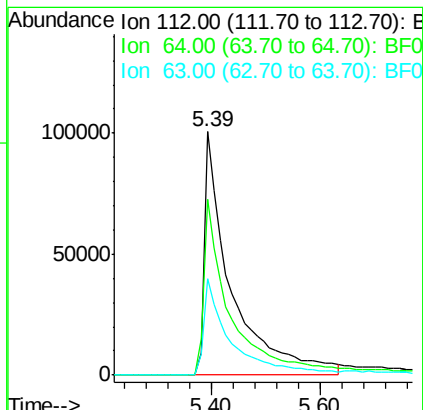
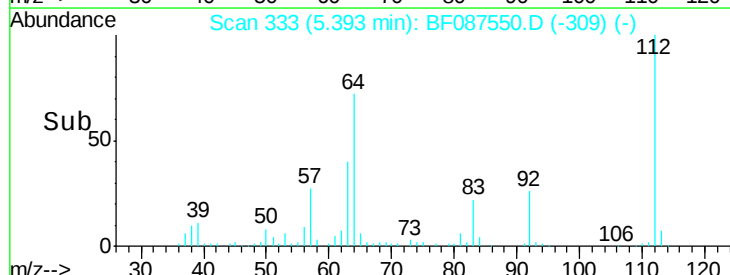
#5

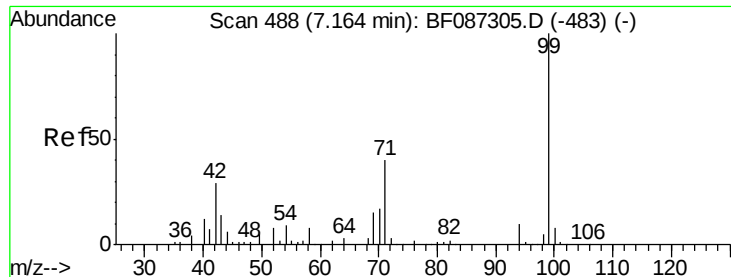
2-Fluorophenol
Concen: 54.23 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.02 min
Lab File: BF087550.D
Acq: 30 May 2016 14:46

Tgt Ion:112 Resp: 342211
Ion Ratio Lower Upper
112 100
64 72.0 52.1 78.1
63 39.7 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: 33.96 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

Instrument :

BNA_F

ClientSampleId :

MW-06

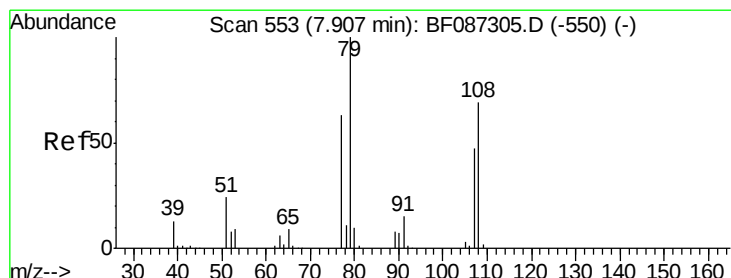
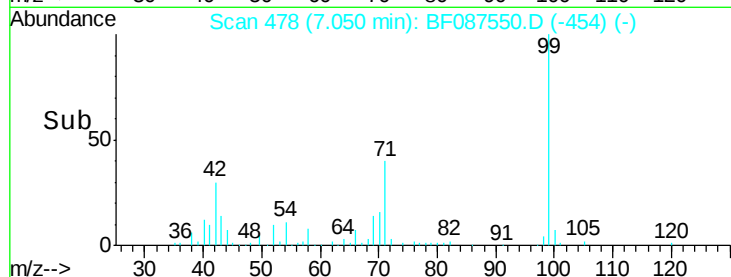
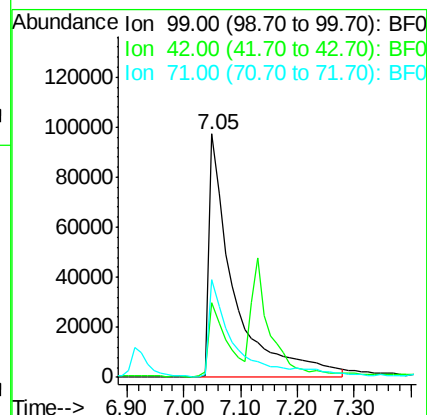
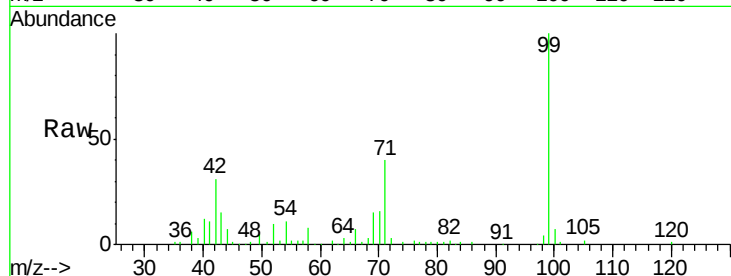
Tgt Ion: 99 Resp: 289573

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

71 40.3 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.79 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

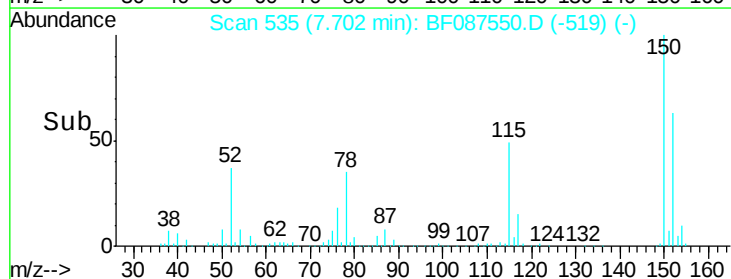
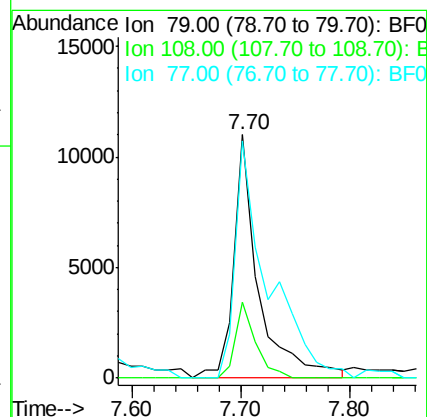
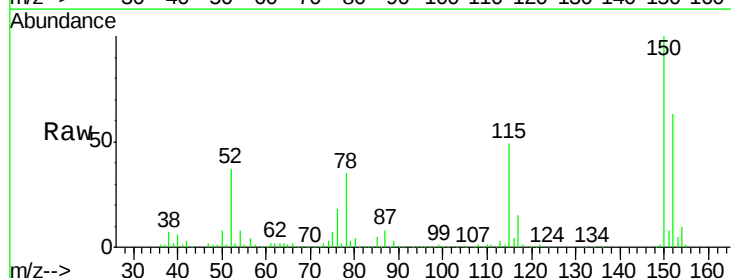
Tgt Ion: 79 Resp: 17358

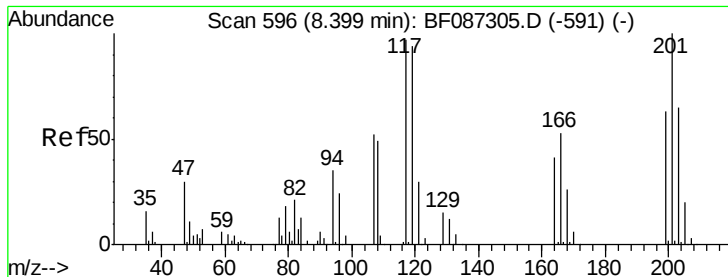
Ion Ratio Lower Upper

79 100

108 31.4 68.4 102.6#

77 97.7 50.6 76.0#

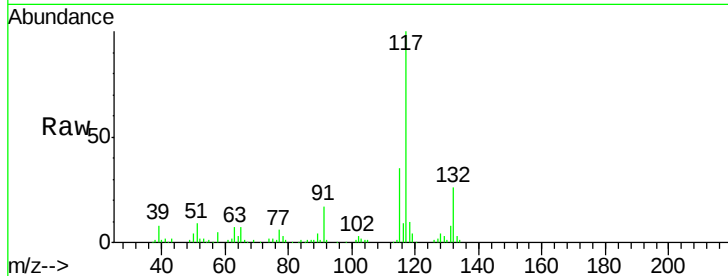




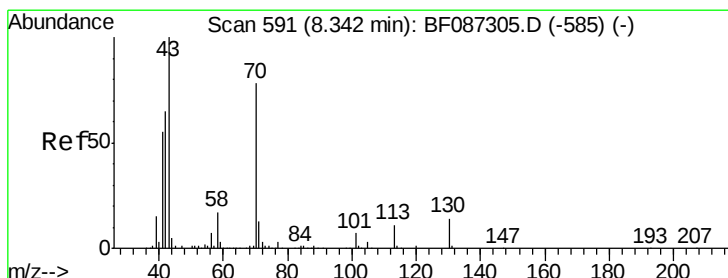
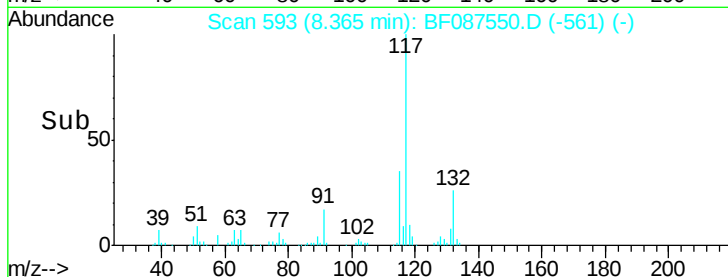
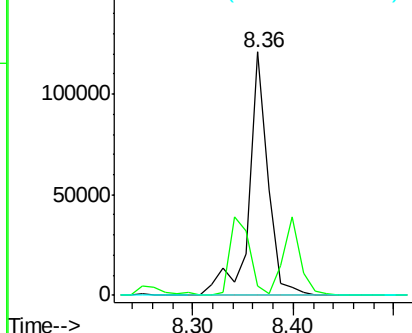
#18
Hexachloroethane
Concen: 48.35 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.07 min
Lab File: BF087550.D
Acq: 30 May 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion: 117 Resp: 158952
Ion Ratio Lower Upper
117 100
119 4.0 76.5 114.7#
201 0.0 63.0 94.6#

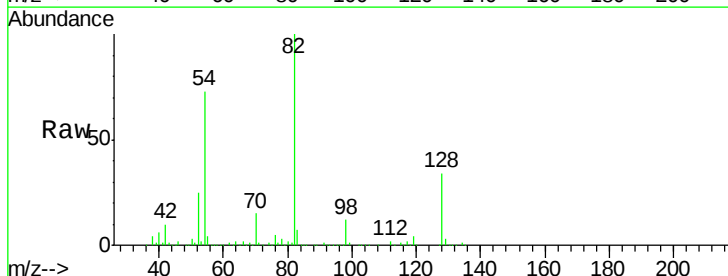


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

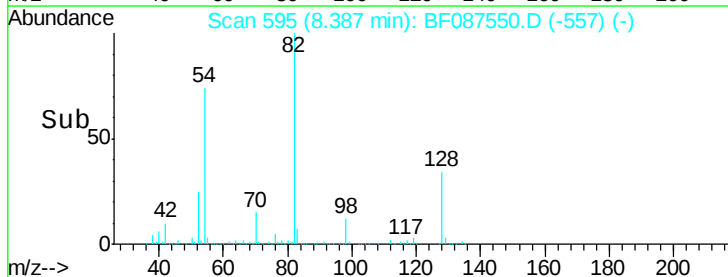
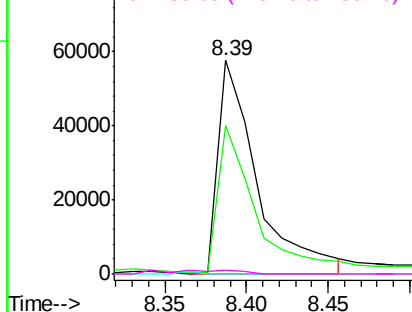


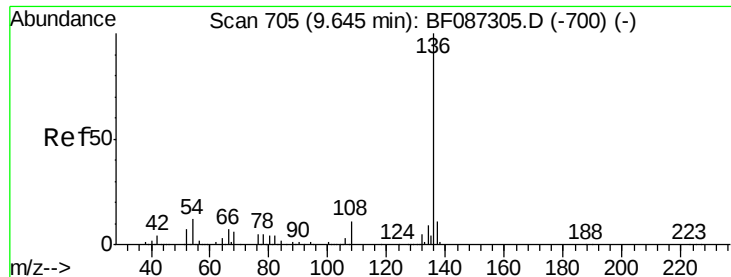
#19
n-Nitroso-di-n-propylamine
Concen: 15.14 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087550.D
Acq: 30 May 2016 14:46

Tgt Ion: 70 Resp: 96257
Ion Ratio Lower Upper
70 100
42 69.8 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 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: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

Instrument :

BNA_F

ClientSampleId :

MW-06

Tgt Ion: 136 Resp: 423339

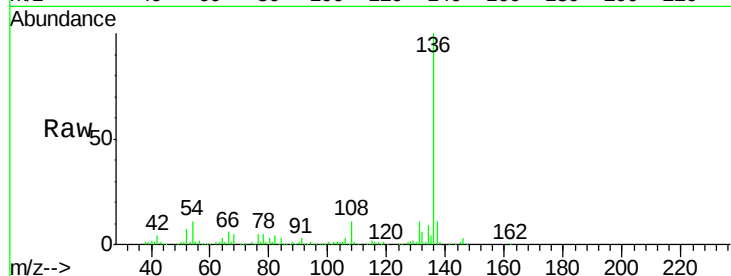
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.8 5.0 7.4#

68 5.4 4.4 6.6

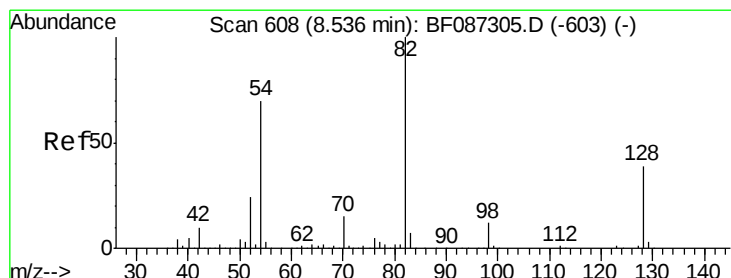
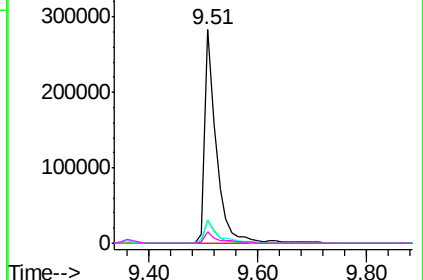
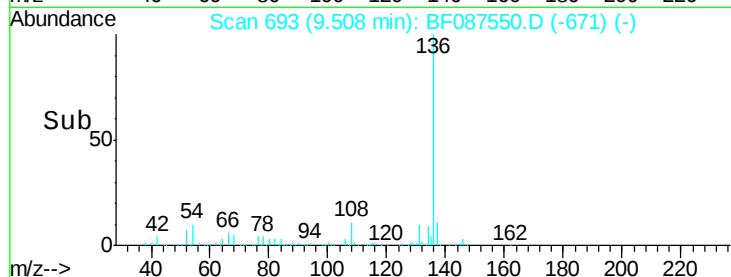


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.73 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

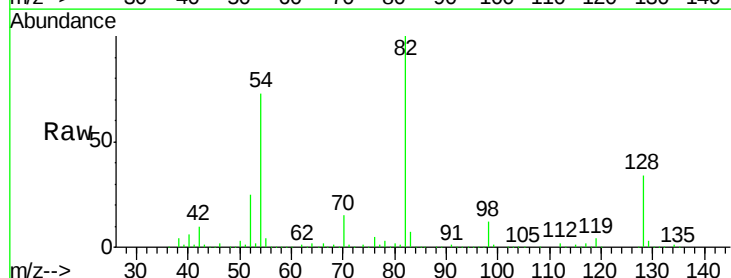
Tgt Ion: 82 Resp: 762116

Ion Ratio Lower Upper

82 100

128 34.3 40.6 61.0#

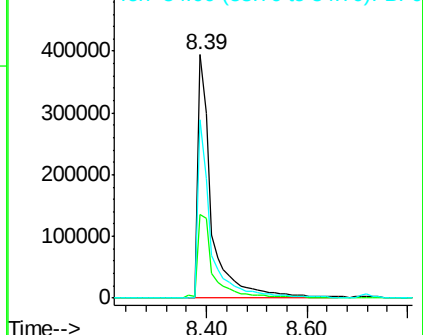
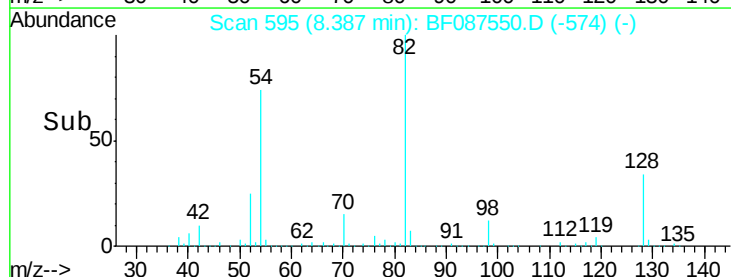
54 73.5 38.1 57.1#

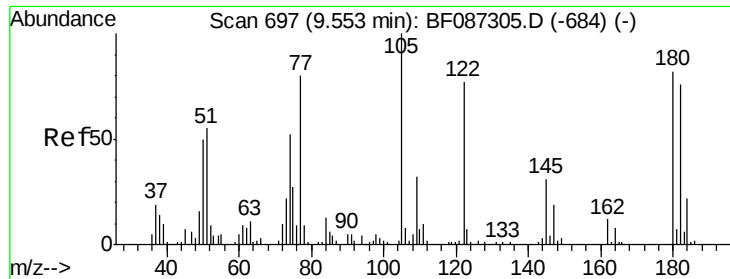


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 5.89 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.21 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

Instrument :

BNA_F

ClientSampleId :

MW-06

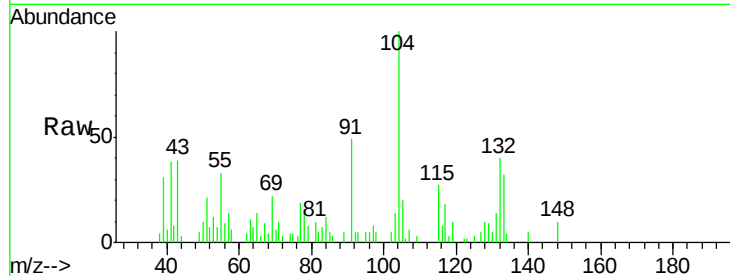
Tgt Ion:122 Resp: 230

Ion Ratio Lower Upper

122 100

105 798.2 92.6 132.6#

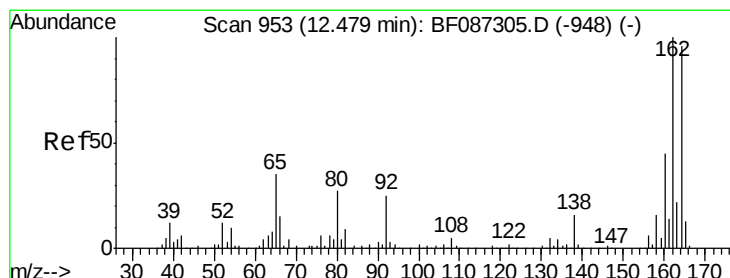
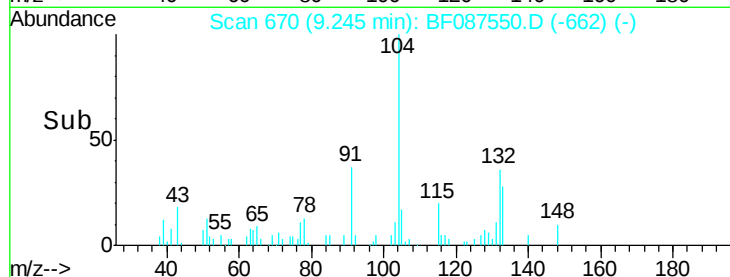
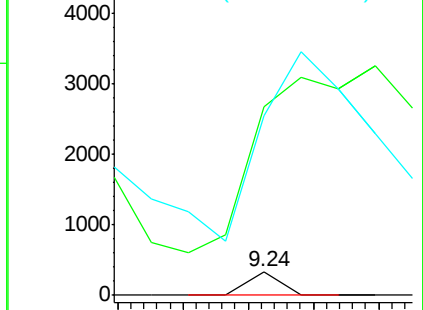
77 757.4 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

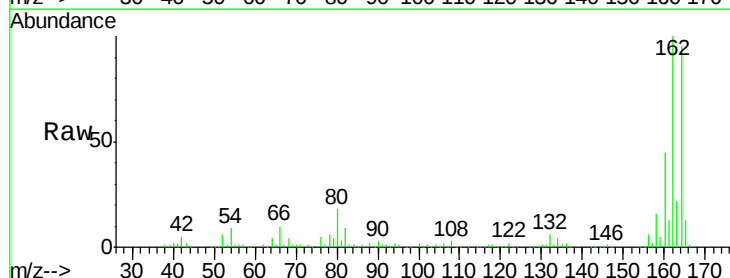
Tgt Ion:164 Resp: 198079

Ion Ratio Lower Upper

164 100

162 105.6 82.8 124.2

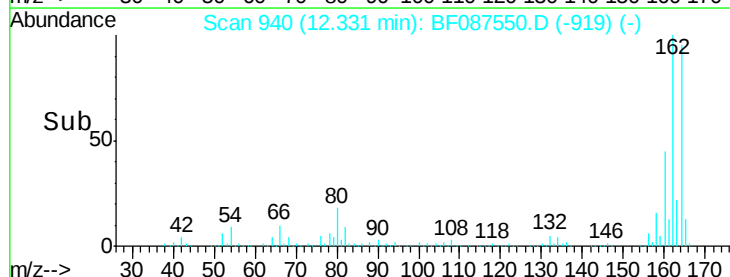
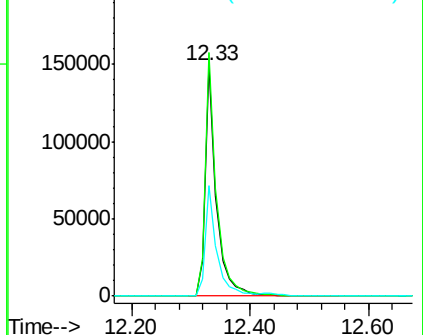
160 47.8 36.9 55.3

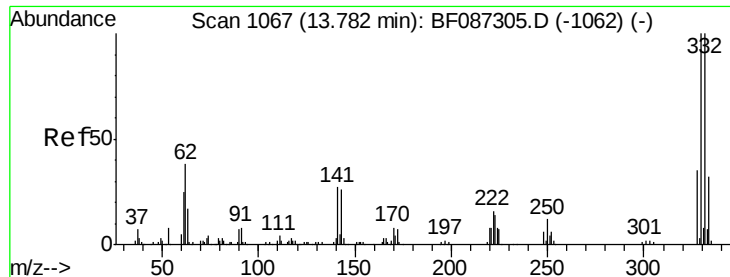


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 130.83 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

Instrument :

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ClientSampleId :

MW-06

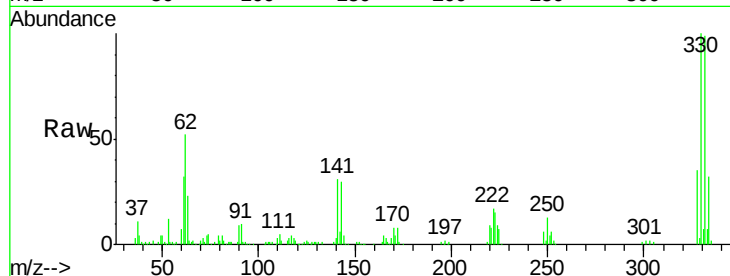
Tgt Ion:330 Resp: 249038

Ion Ratio Lower Upper

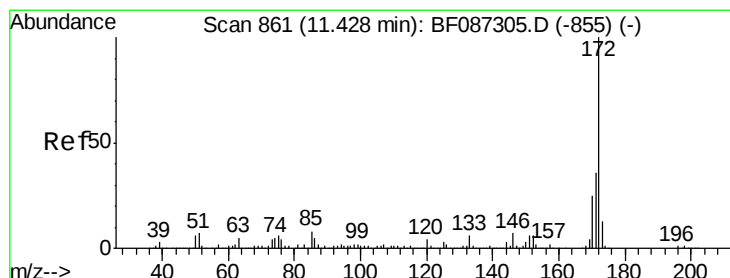
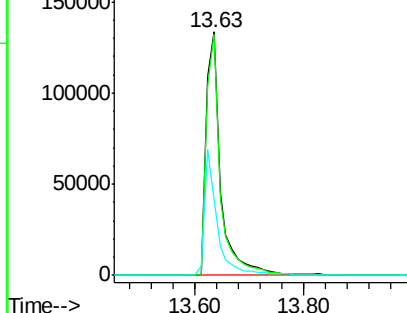
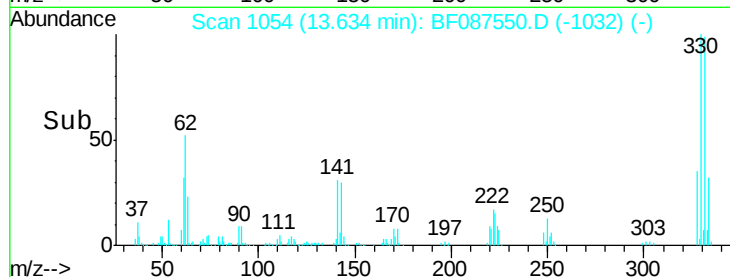
330 100

332 96.3 79.0 118.4

141 45.1 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: 86.41 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

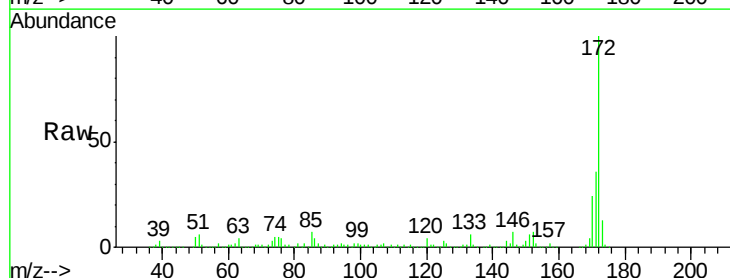
Tgt Ion:172 Resp: 1214135

Ion Ratio Lower Upper

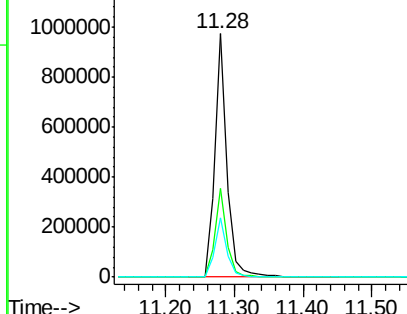
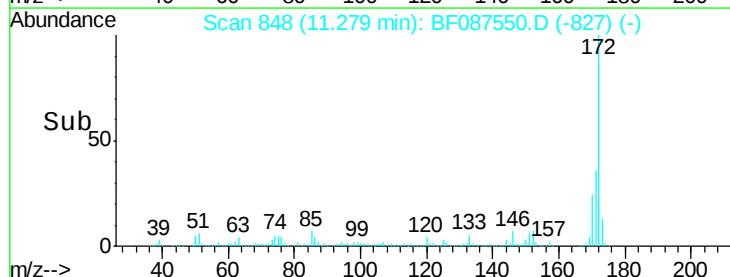
172 100

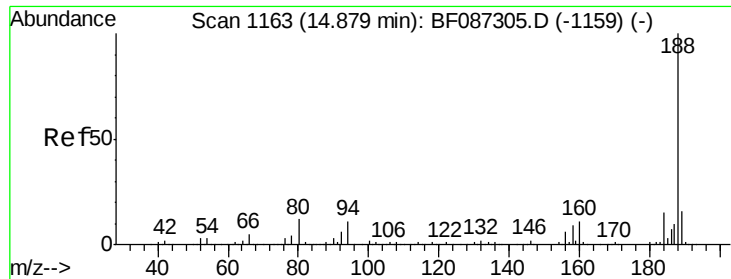
171 36.3 29.0 43.6

170 24.4 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

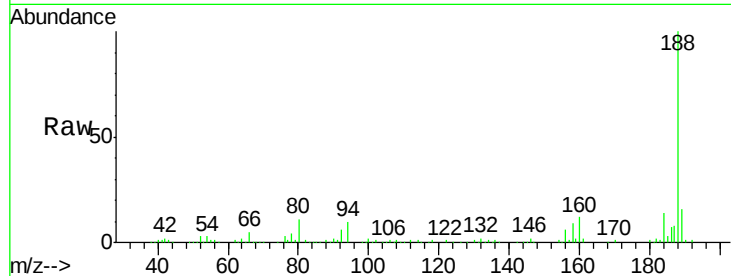




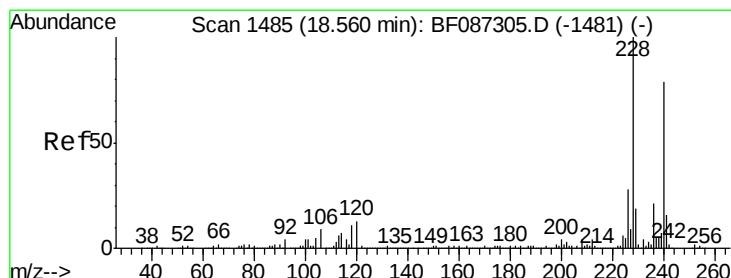
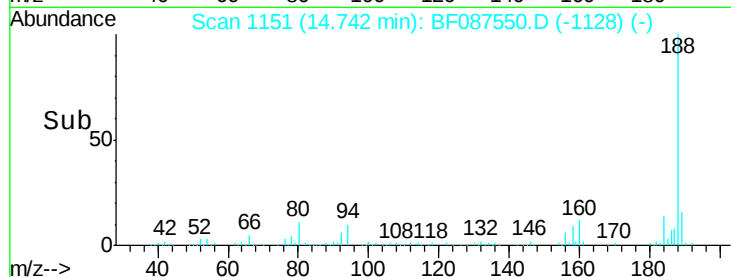
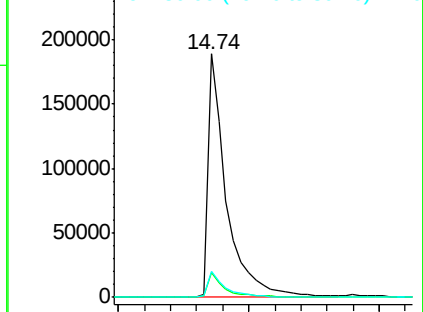
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087550.D
Acq: 30 May 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:188 Resp: 372020
Ion Ratio Lower Upper
188 100
94 10.0 6.8 10.2
80 10.6 7.1 10.7

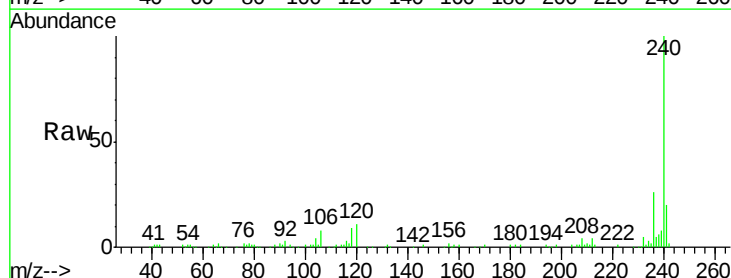


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

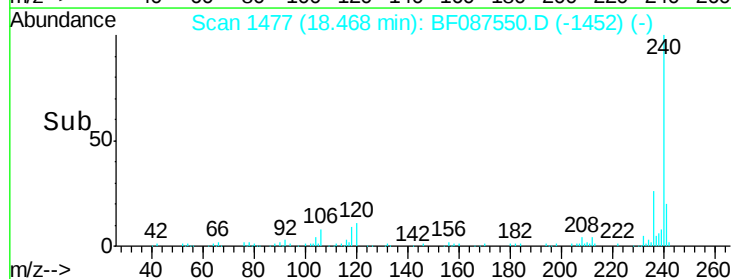
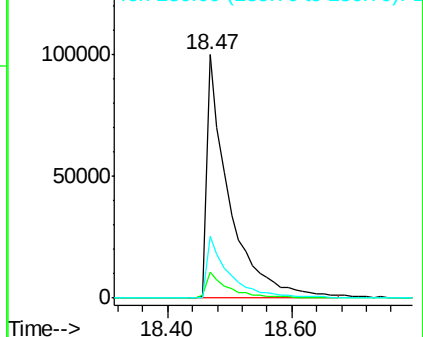


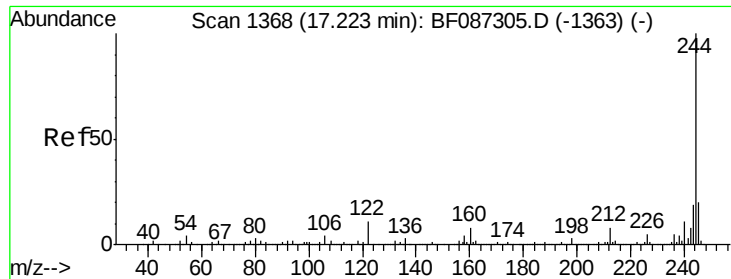
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087550.D
Acq: 30 May 2016 14:46

Tgt Ion:240 Resp: 246946
Ion Ratio Lower Upper
240 100
120 10.5 11.2 16.8#
236 25.6 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: 88.73 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

Instrument :

BNA_F

ClientSampleId :

MW-06

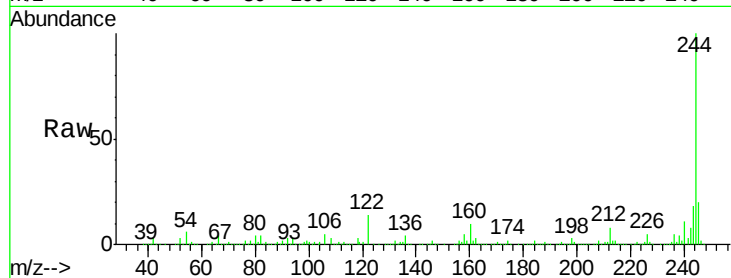
Tgt Ion:244 Resp: 1030693

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

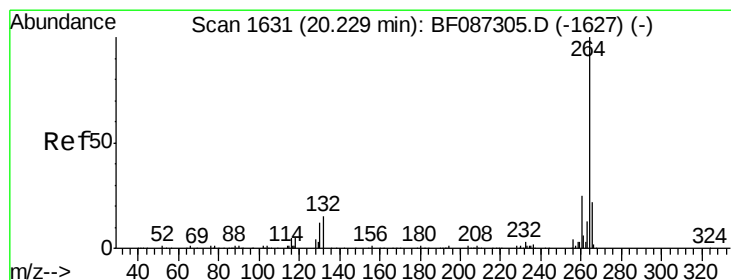
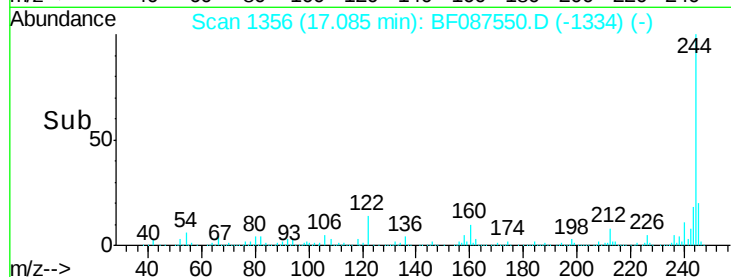
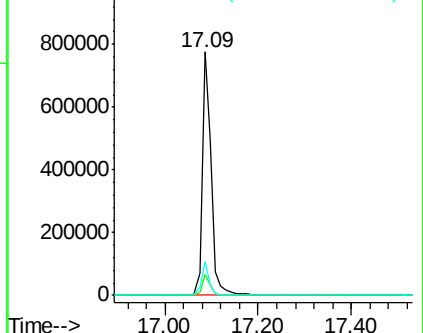
122 14.1 12.0 18.0



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: 20.16 min Scan# 1625

Delta R.T. 0.02 min

Lab File: BF087550.D

Acq: 30 May 2016 14:46

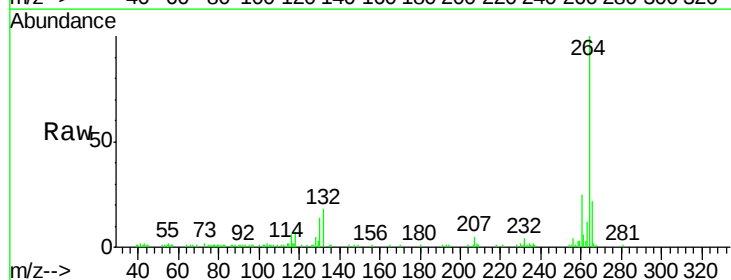
Tgt Ion:264 Resp: 195680

Ion Ratio Lower Upper

264 100

260 24.6 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

