

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087634.D
 Acq On : 2 Jun 2016 00:54
 Operator : UM/SJ
 Sample : H3349-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: Jun 02 02:05:08 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	7.42	152	118318	20.00	ng	-0.10
21) Naphthalene-d8	9.45	136	464930	20.00	ng	-0.10
38) Acenaphthene-d10	12.27	164	219616	20.00	ng	-0.11
63) Phenanthrene-d10	14.69	188	390952	20.00	ng	-0.09
75) Chrysene-d12	18.40	240	273773	20.00	ng	-0.08
86) Perylene-d12	20.09	264	211373	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	403761	59.96	ng	-0.07
7) Phenol-d6	7.02	99	333231	36.62	ng	-0.06
23) Nitrobenzene-d5	8.34	82	909052	98.54	ng	-0.10
41) 2,4,6-Tribromophenol	13.58	330	314703	149.12	ng	-0.10
44) 2-Fluorobiphenyl	11.23	172	1484063	95.27	ng	-0.10
78) Terphenyl-d14	17.04	244	1268379	98.50	ng	-0.09

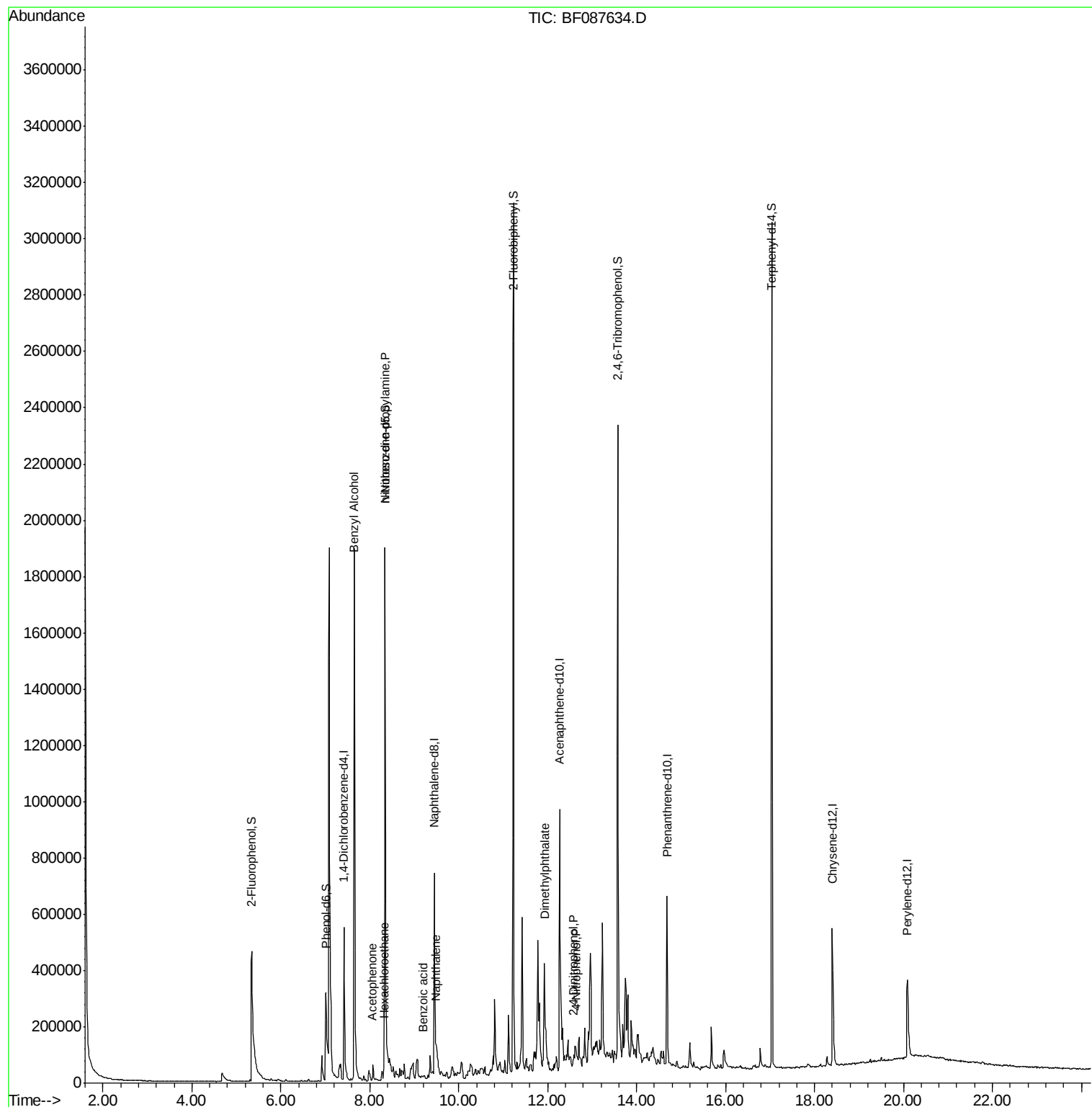
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.64	79	16083	2.42	ng	# 47
18) Hexachloroethane	8.32	117	34446	9.82	ng	# 6
19) n-Nitroso-di-n-propylamine	8.34	70	117595	17.33	ng	# 75
22) Acetophenone	8.07	105	40431	3.64	ng	# 54
31) Naphthalene	9.50	128	53507	2.30	ng	# 95
32) Benzoic acid	9.19	122	446	5.93	ng	# 1
49) Dimethylphthalate	11.93	163	140609	7.99	ng	100
53) 2,4-Dinitrophenol	12.57	184	2013	7.56	ng	# 49
55) 4-Nitrophenol	12.64	139	8274	4.77	ng	# 56

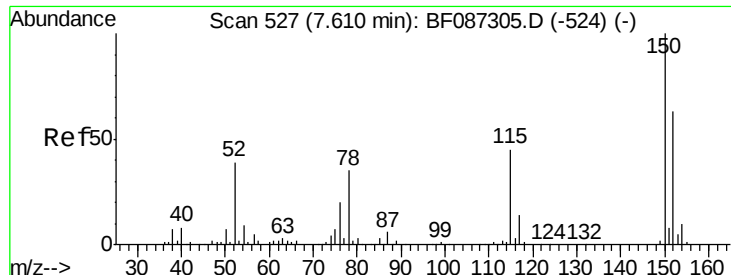
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087634.D
Acq On : 2 Jun 2016 00:54
Operator : UM/SJ
Sample : H3349-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-25

Quant Time: Jun 02 02:05:08 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.10 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Instrument :

BNA_F

ClientSampleId :

W-25

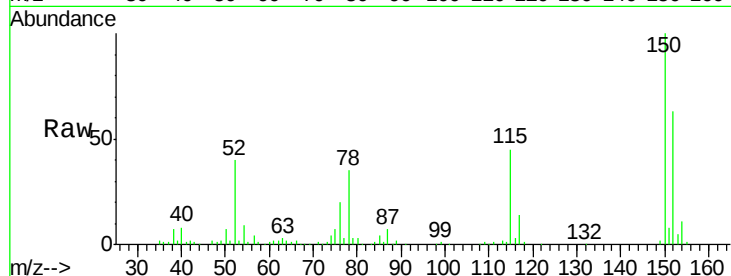
Tgt Ion:152 Resp: 118318

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.6

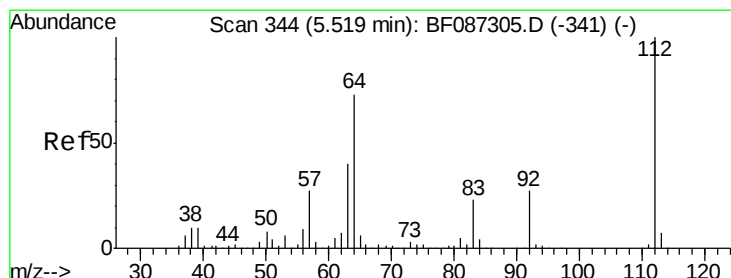
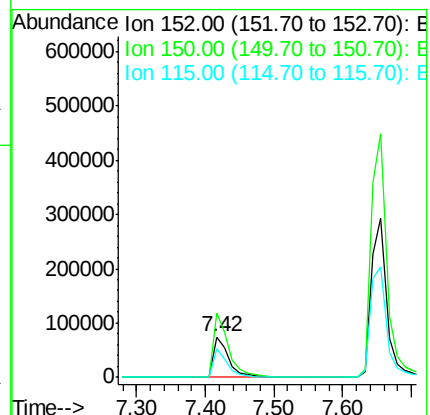
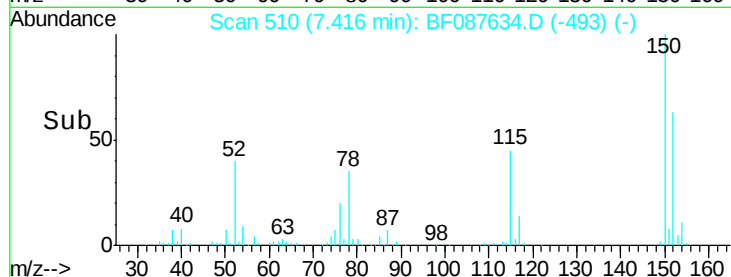
115 72.4 51.5 77.3



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: 59.96 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.07 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

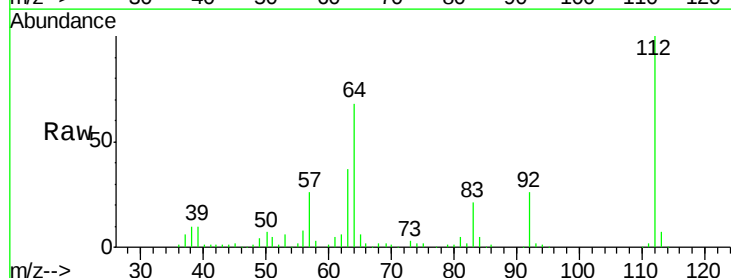
Tgt Ion:112 Resp: 403761

Ion Ratio Lower Upper

112 100

64 68.4 52.1 78.1

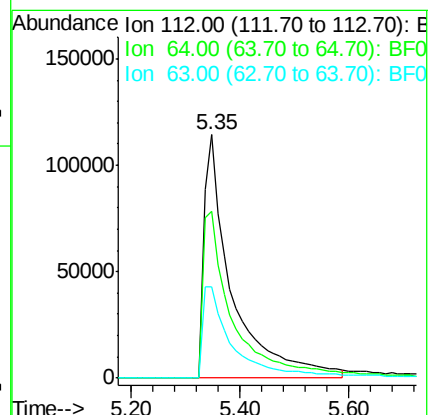
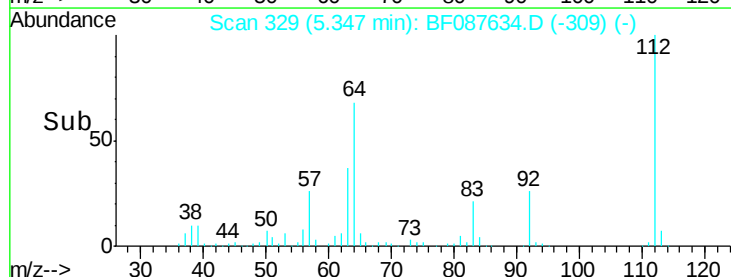
63 37.4 25.7 38.5

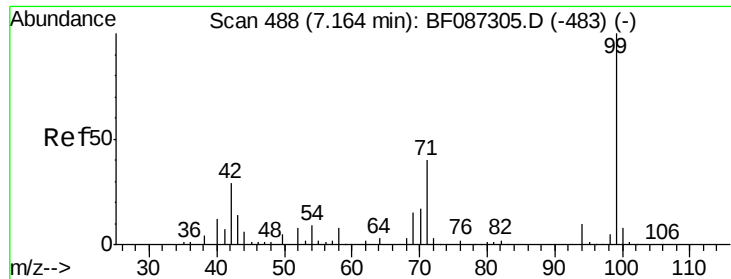


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.62 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Instrument :

BNA_F

ClientSampleId :

W-25

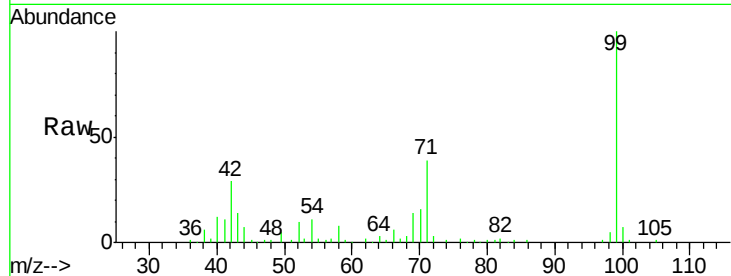
Tgt Ion: 99 Resp: 333231

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

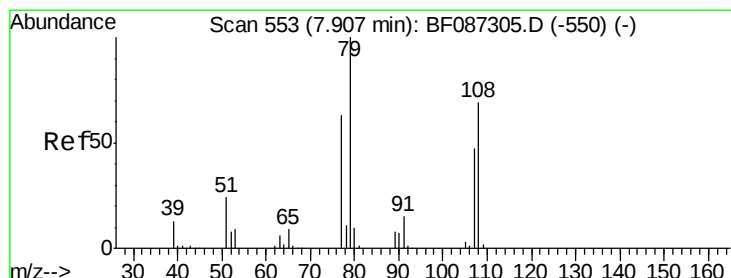
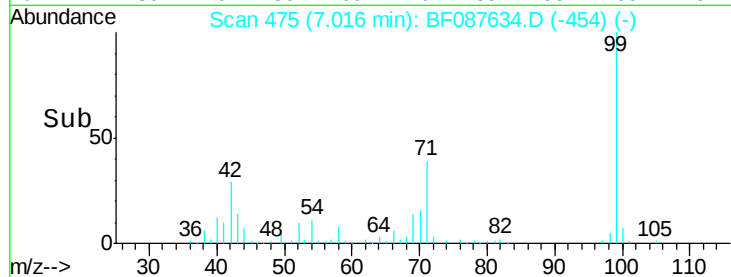
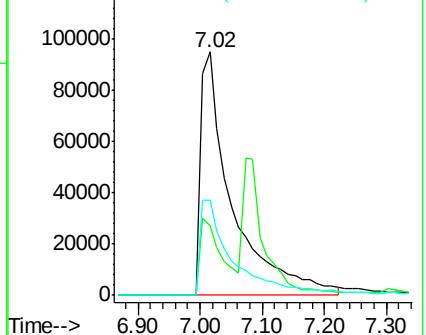
71 39.2 24.6 36.8#



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: 2.42 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.17 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

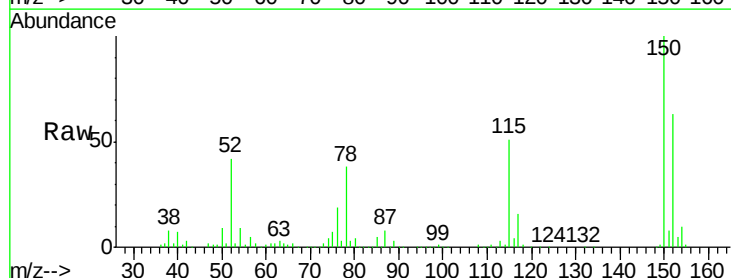
Tgt Ion: 79 Resp: 16083

Ion Ratio Lower Upper

79 100

108 28.5 68.4 102.6#

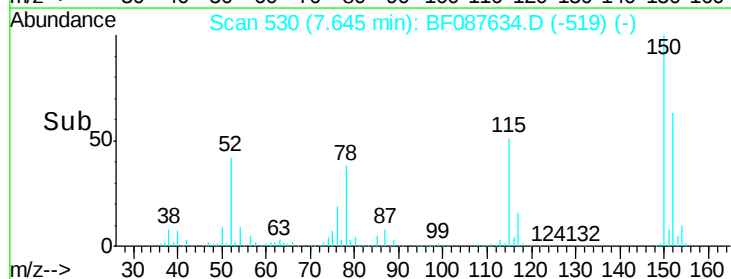
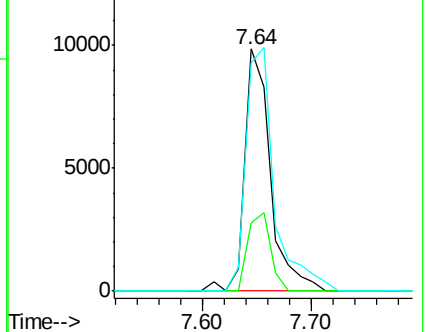
77 94.3 50.6 76.0#

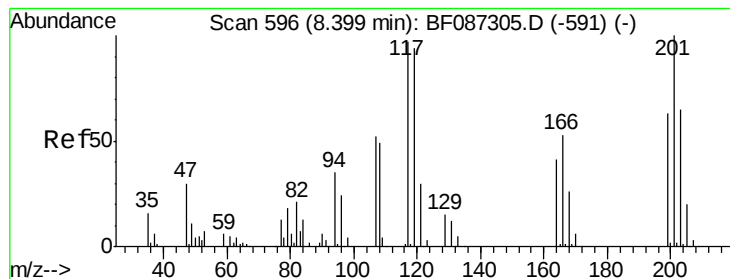


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 9.82 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.02 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Instrument :

BNA_F

ClientSampled :

W-25

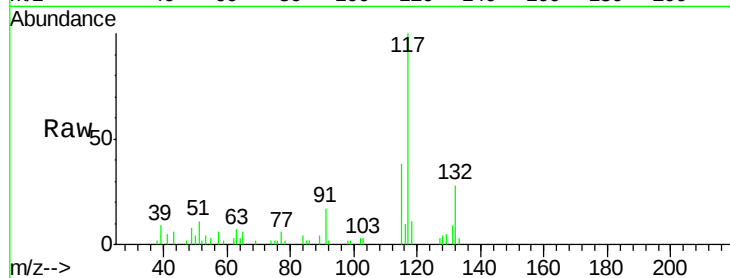
Tgt Ion:117 Resp: 34446

Ion Ratio Lower Upper

117 100

119 0.0 76.5 114.7#

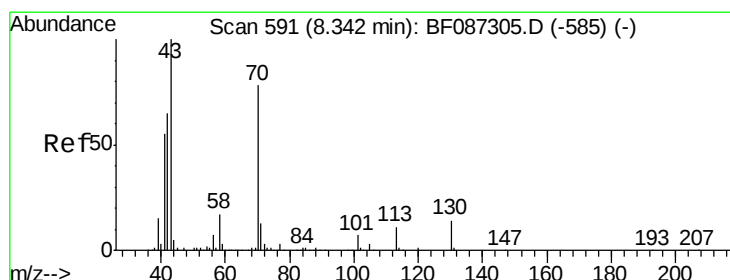
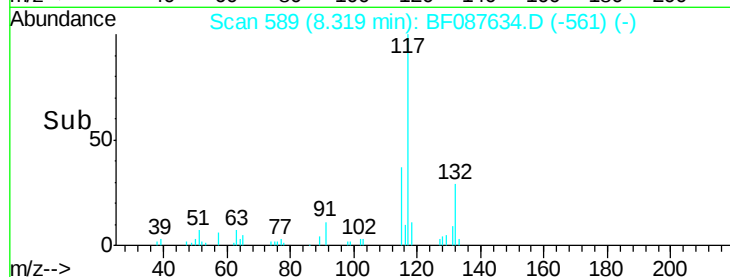
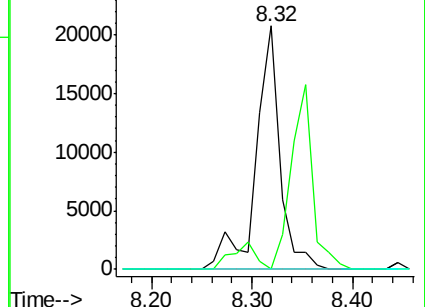
201 0.0 63.0 94.6#



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: 17.33 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.09 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Tgt Ion: 70 Resp: 117595

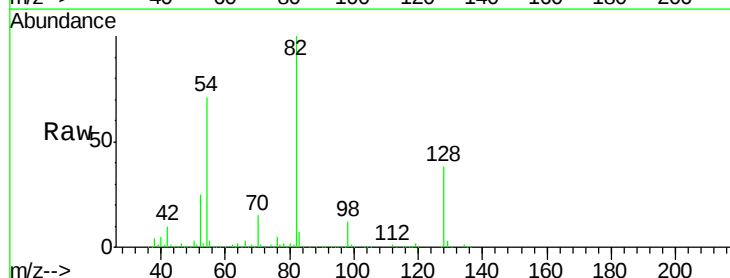
Ion Ratio Lower Upper

70 100

42 65.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

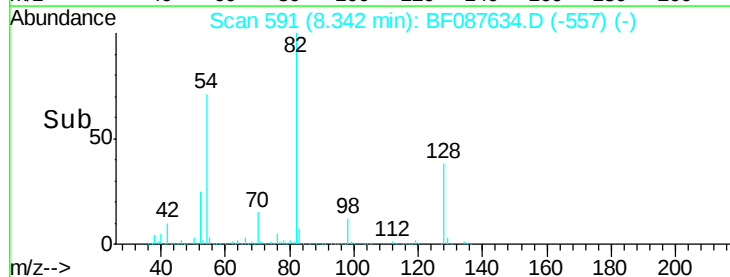
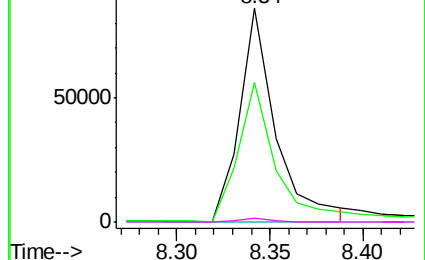


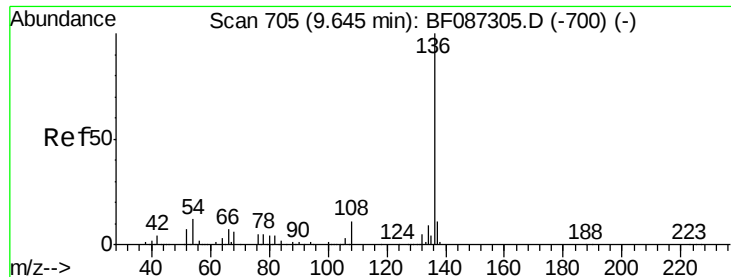
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.10 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Instrument :

BNA_F

ClientSampleId :

W-25

Tgt Ion:136 Resp: 464930

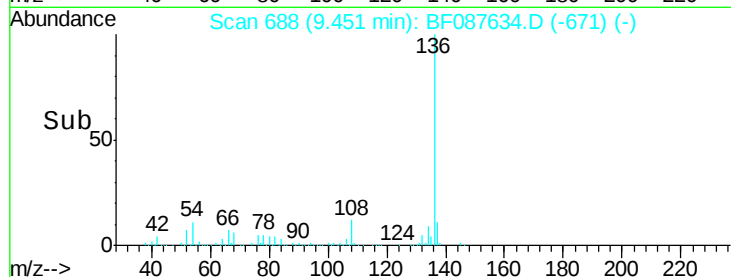
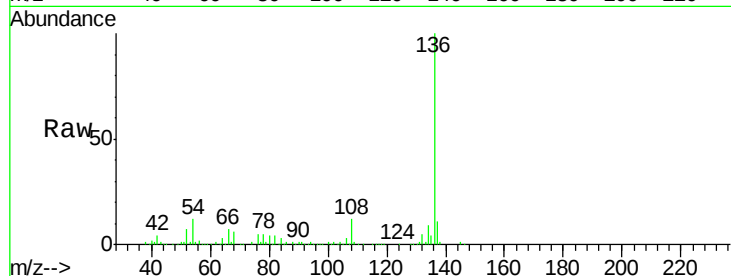
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.5 5.0 7.4#

68 5.5 4.4 6.6

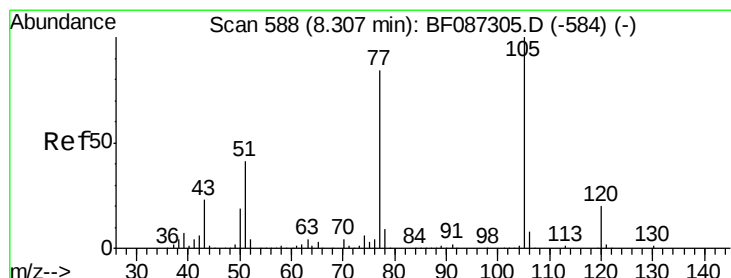
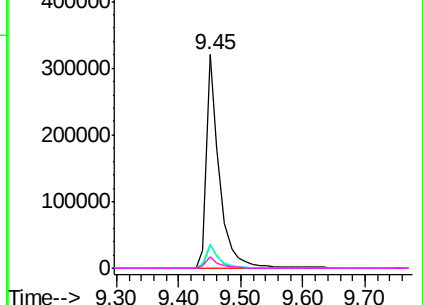


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 3.64 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.15 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Tgt Ion:105 Resp: 40431

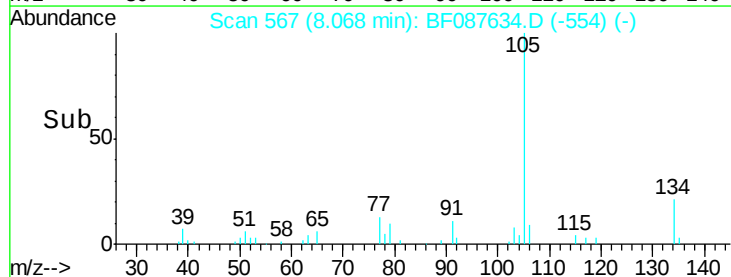
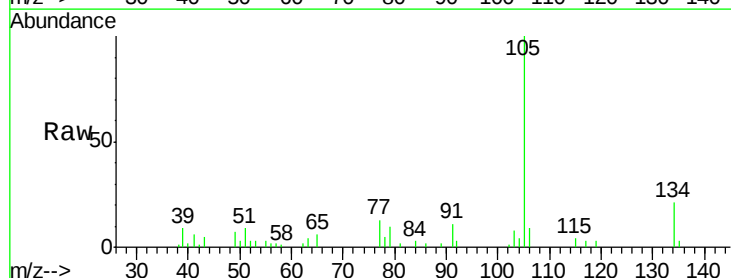
Ion Ratio Lower Upper

105 100

71 0.0 4.8 7.2#

51 8.5 32.6 49.0#

120 0.0 16.5 24.7#

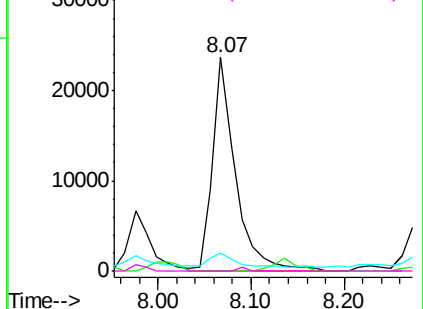


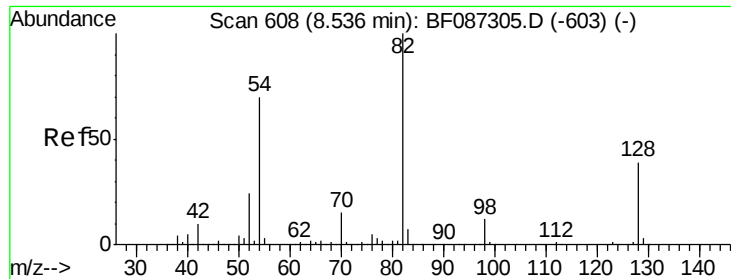
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

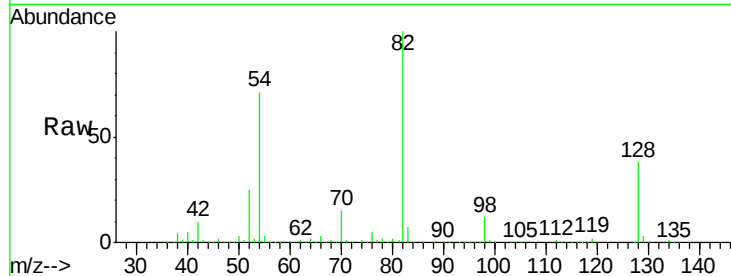




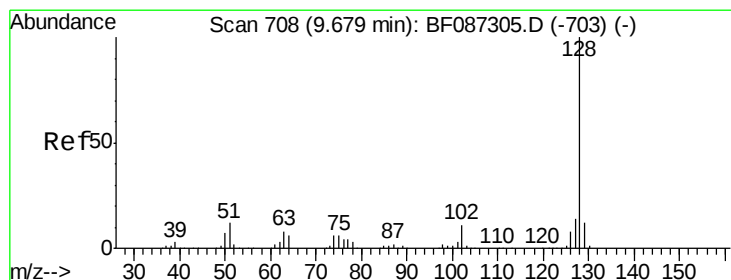
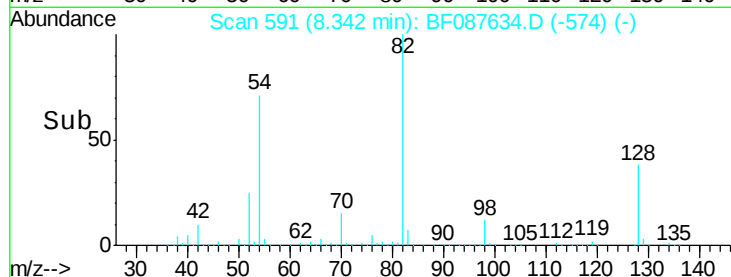
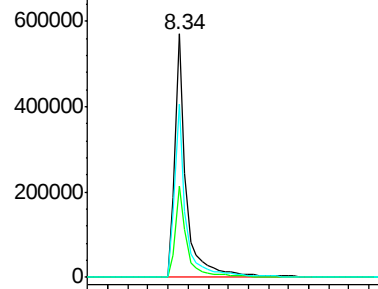
#23
Nitrobenzene-d5
Concen: 98.54 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.10 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion: 82 Resp: 909052
Ion Ratio Lower Upper
82 100
128 37.6 40.6 61.0#
54 70.9 38.1 57.1#

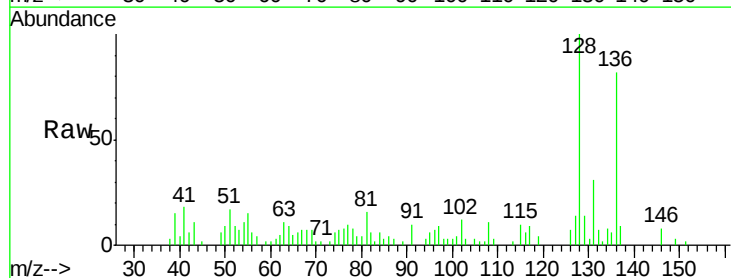


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

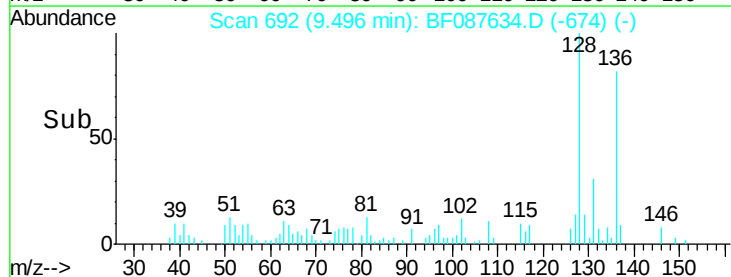
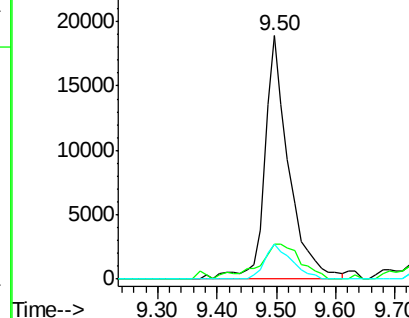


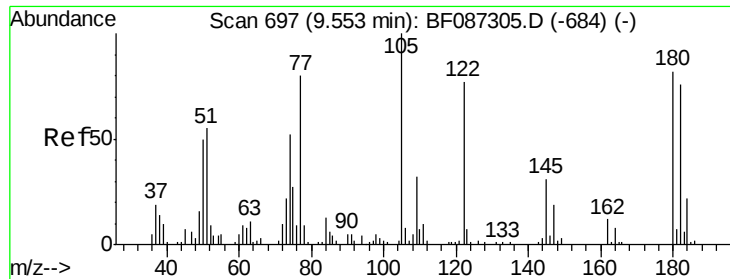
#31
Naphthalene
Concen: 2.30 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.09 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Tgt Ion: 128 Resp: 53507
Ion Ratio Lower Upper
128 100
129 14.4 8.6 13.0#
127 14.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

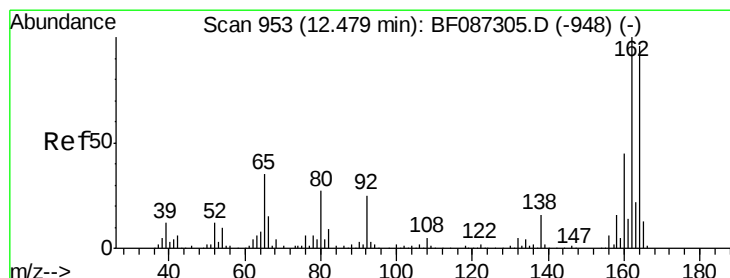
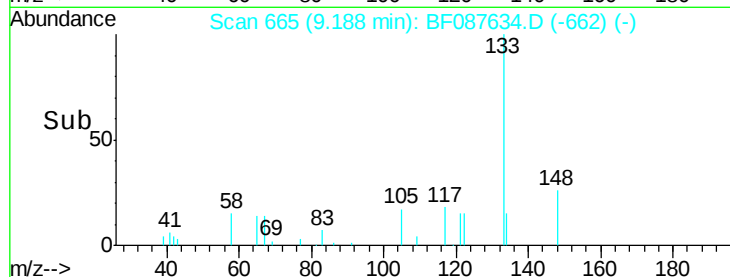
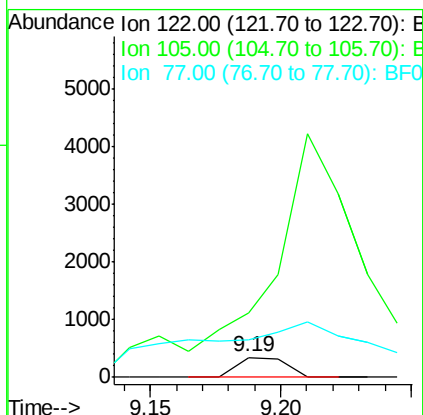
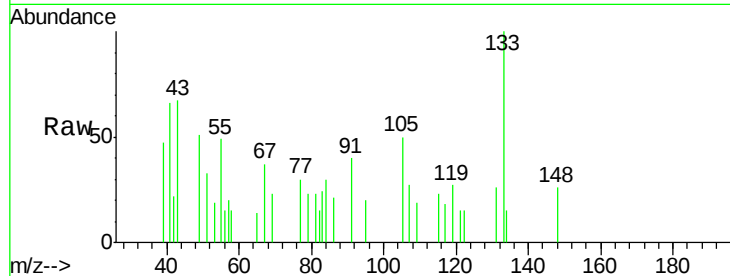




#32
Benzoic acid
Concen: 5.93 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.26 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

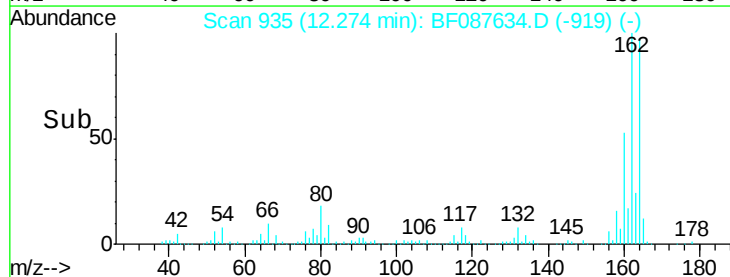
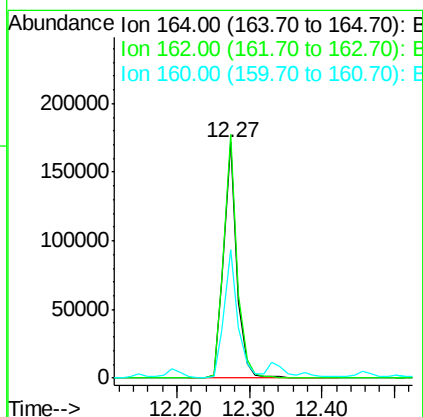
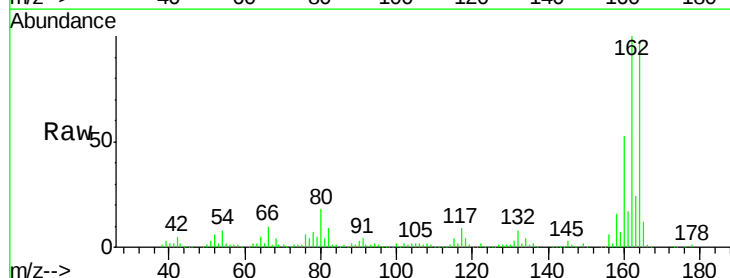
Instrument :
BNA_F
ClientSampled :
W-25

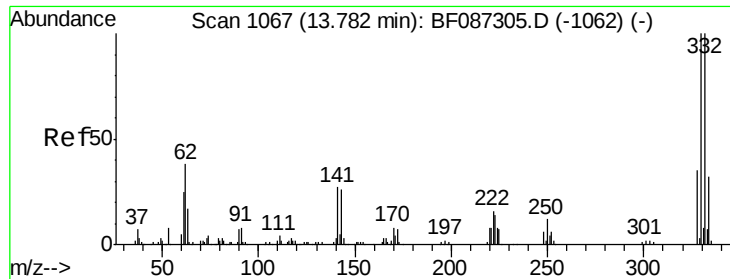
Tgt Ion:122 Resp: 446
Ion Ratio Lower Upper
122 100
105 324.9 92.6 132.6#
77 193.0 60.0 100.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.11 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Tgt Ion:164 Resp: 219616
Ion Ratio Lower Upper
164 100
162 103.4 82.8 124.2
160 54.4 36.9 55.3

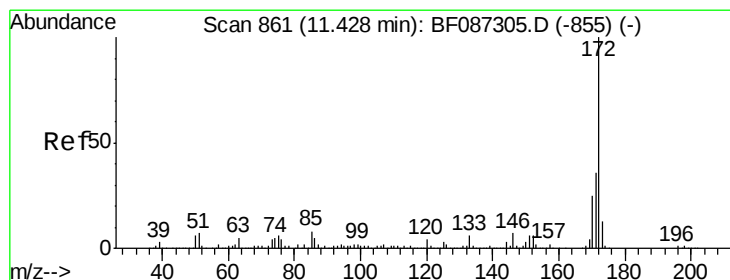
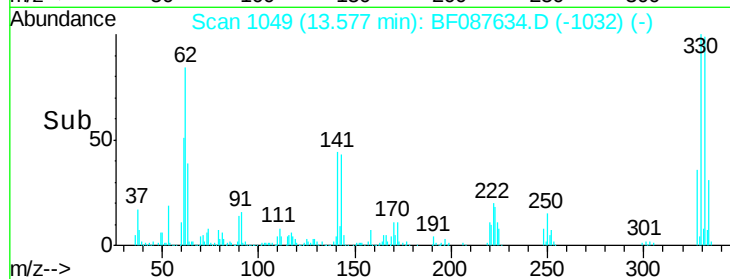
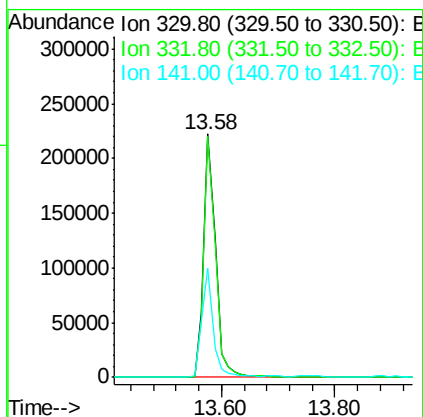
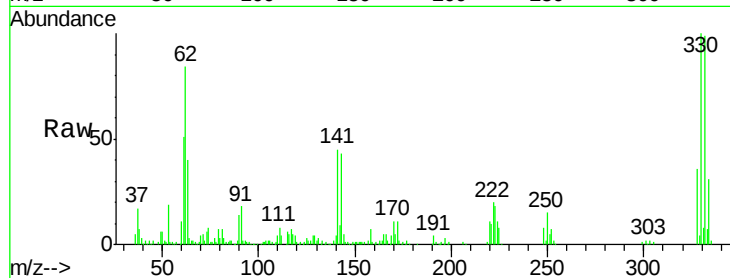




#41
 2,4,6-Tribromophenol
 Concen: 149.12 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.10 min
 Lab File: BF087634.D
 Acq: 2 Jun 2016 00:54

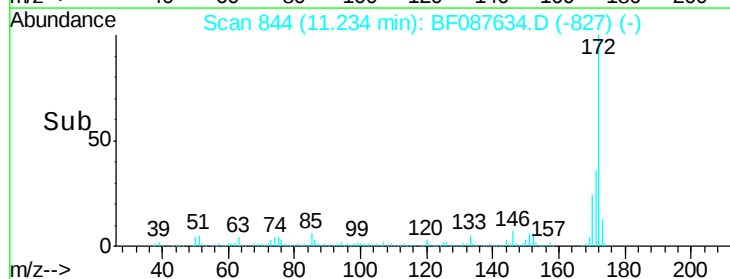
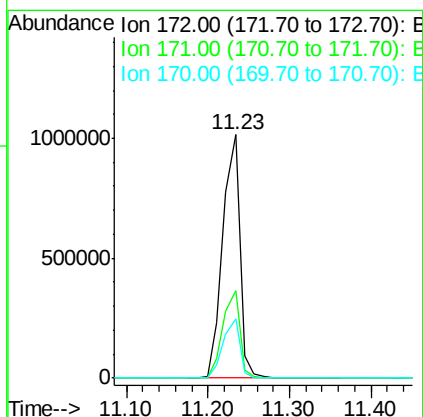
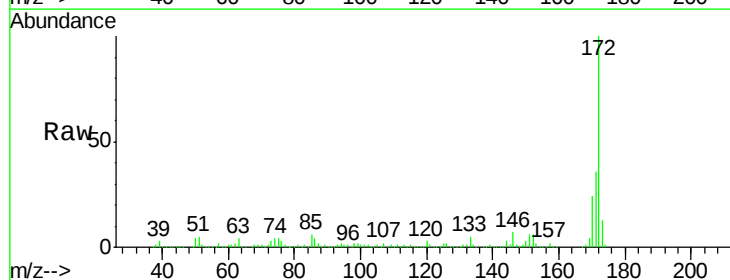
Instrument :
 BNA_F
 ClientSampleId :
 W-25

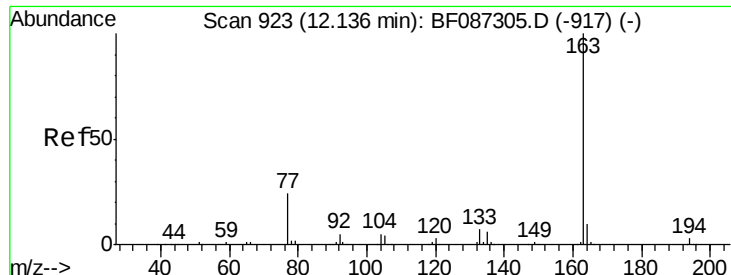
Tgt Ion:330 Resp: 314703
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 42.3 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 95.27 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.10 min
 Lab File: BF087634.D
 Acq: 2 Jun 2016 00:54

Tgt Ion:172 Resp: 1484063
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.1 19.8 29.8

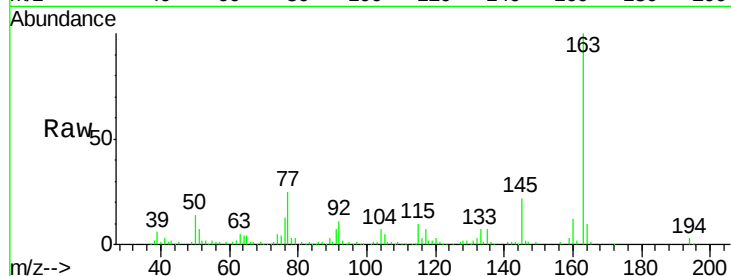




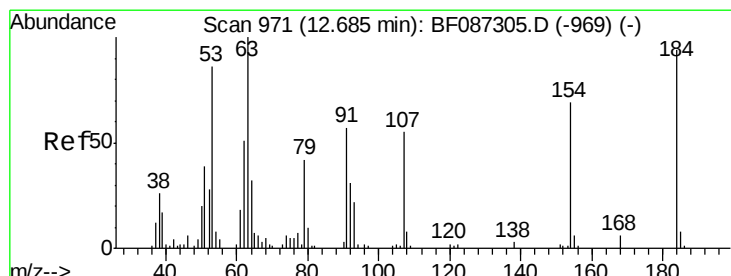
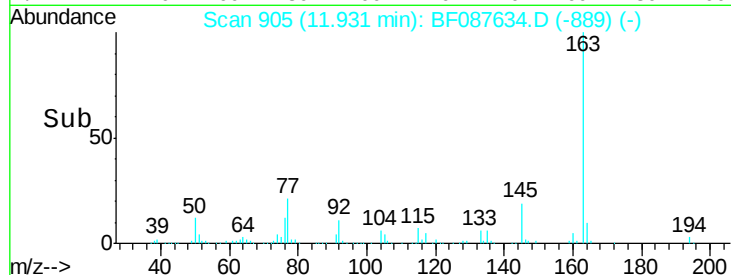
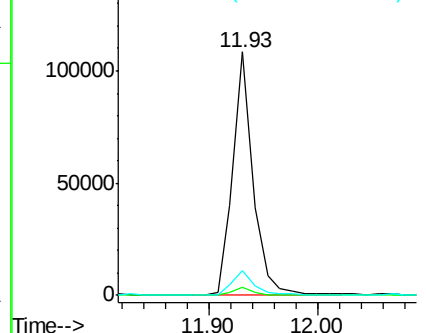
#49
Dimethylphthalate
Concen: 7.99 ng
RT: 11.93 min Scan# 905
Delta R.T. -0.11 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Instrument :
BNA_F
ClientSampled :
W-25

Tgt Ion:163 Resp: 140609
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.2 12.4

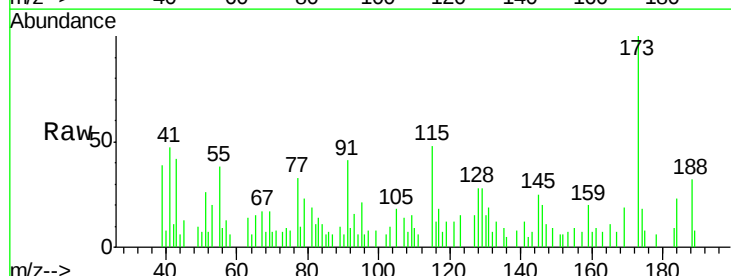


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

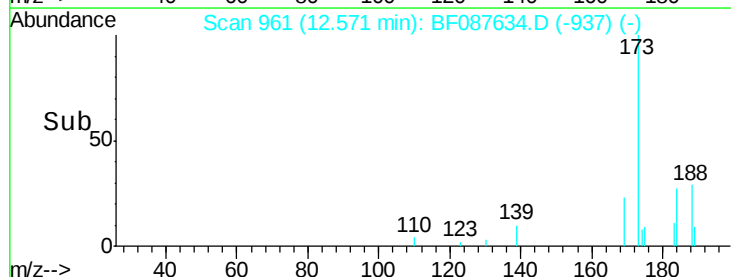
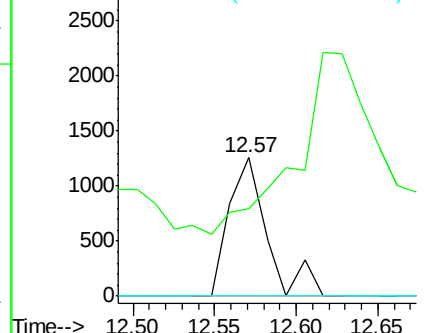


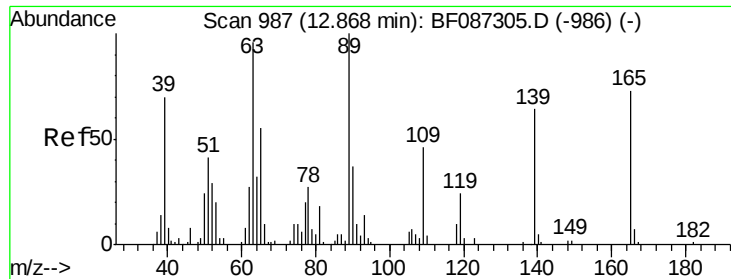
#53
2,4-Dinitrophenol
Concen: 7.56 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Tgt Ion:184 Resp: 2013
Ion Ratio Lower Upper
184 100
63 63.2 55.8 83.8
154 0.0 62.4 93.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

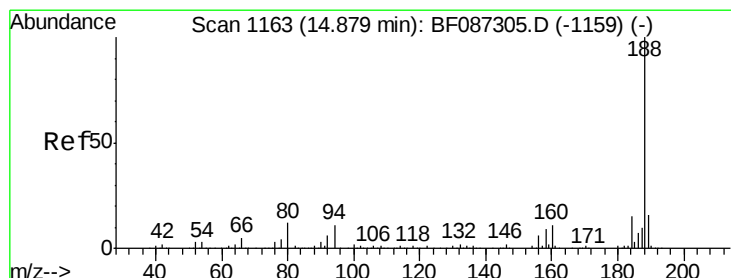
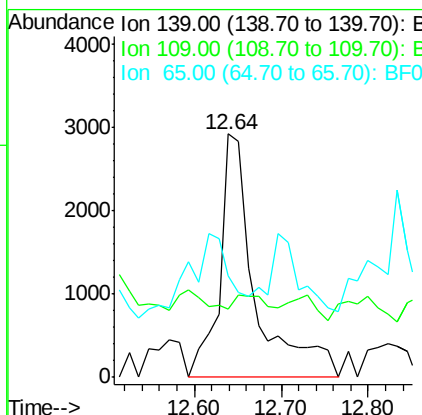
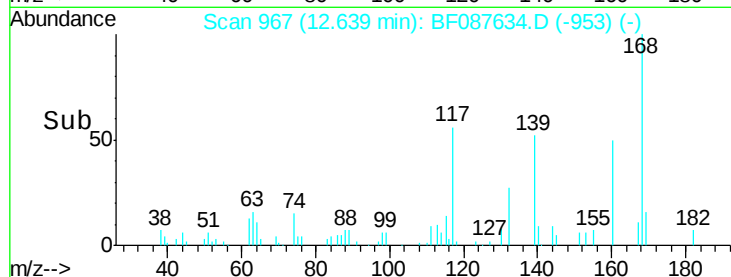
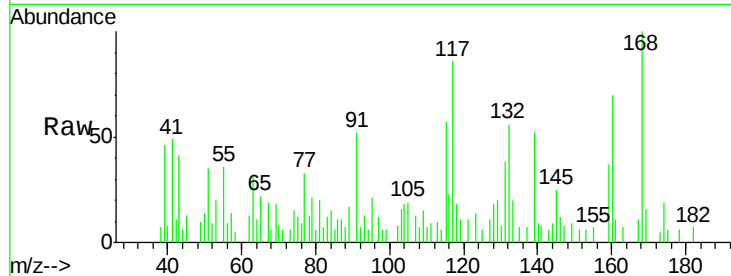




#55
4-Nitrophenol
Concen: 4.77 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.14 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

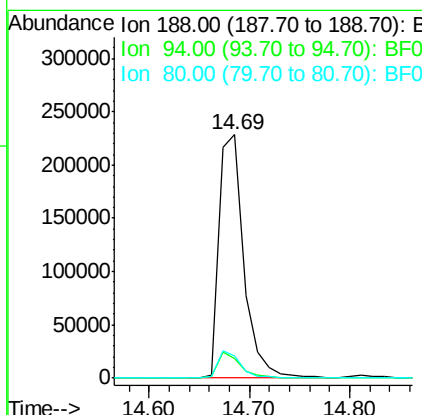
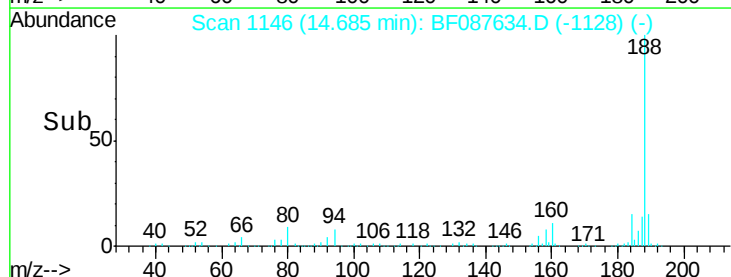
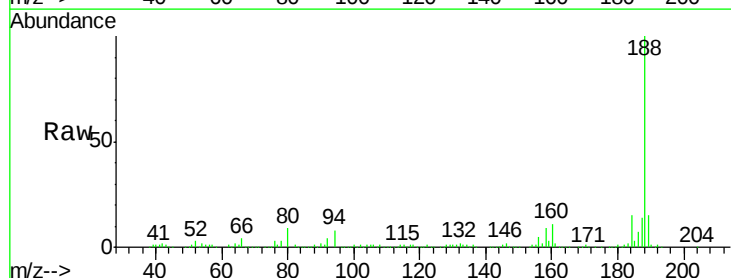
Instrument :
BNA_F
ClientSampled :
W-25

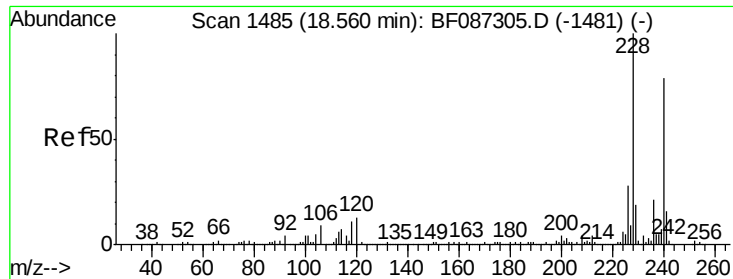
Tgt Ion:139 Resp: 8274
Ion Ratio Lower Upper
139 100
109 28.2 36.9 76.9#
65 41.7 64.0 104.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Tgt Ion:188 Resp: 390952
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.9 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.08 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Instrument :

BNA_F

ClientSampleId :

W-25

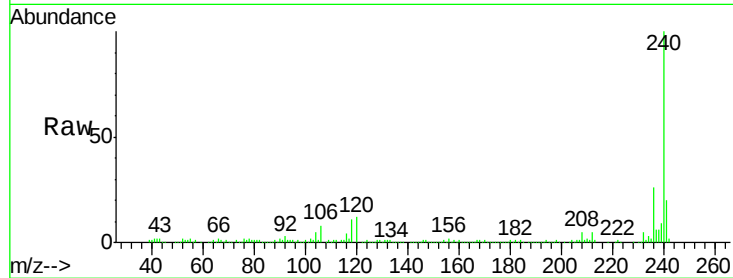
Tgt Ion:240 Resp: 273773

Ion Ratio Lower Upper

240 100

120 11.8 11.2 16.8

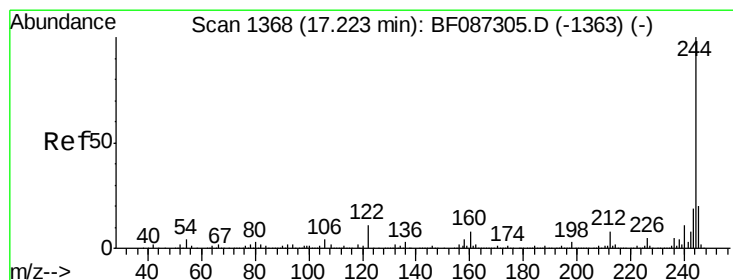
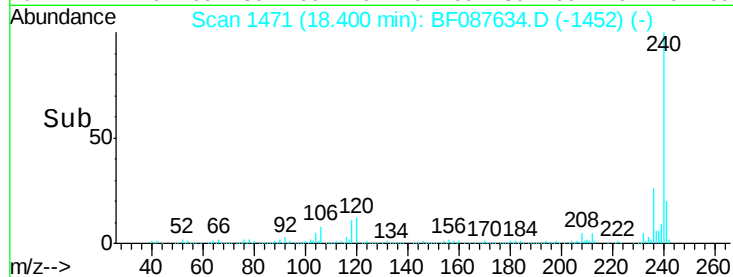
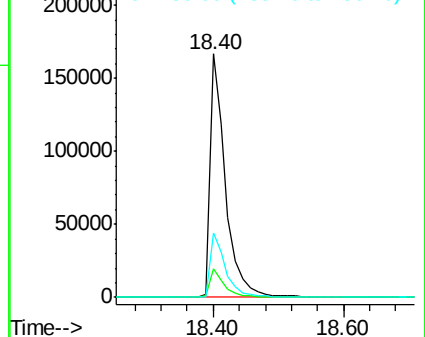
236 26.4 21.2 31.8



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: 98.50 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.09 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

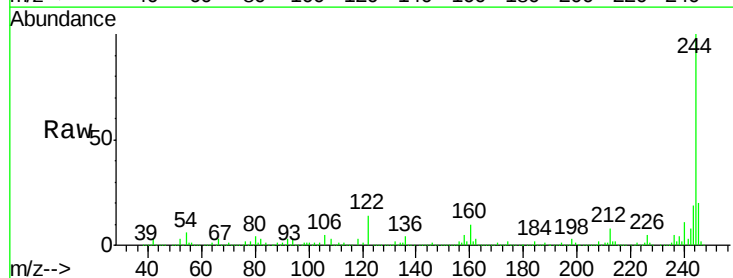
Tgt Ion:244 Resp: 1268379

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

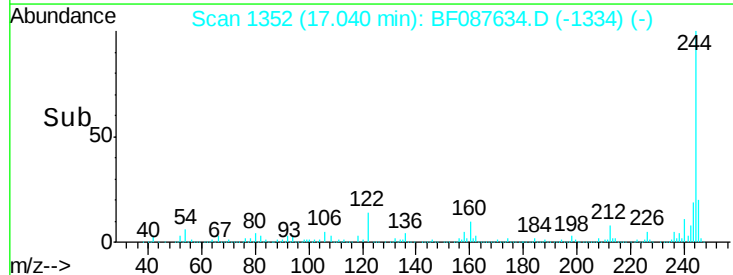
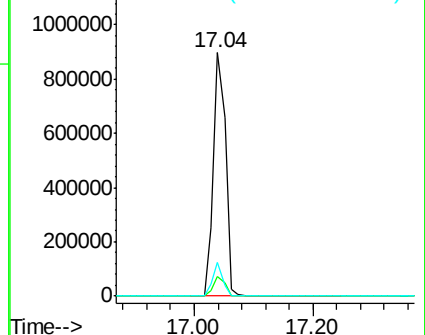
122 14.1 12.0 18.0

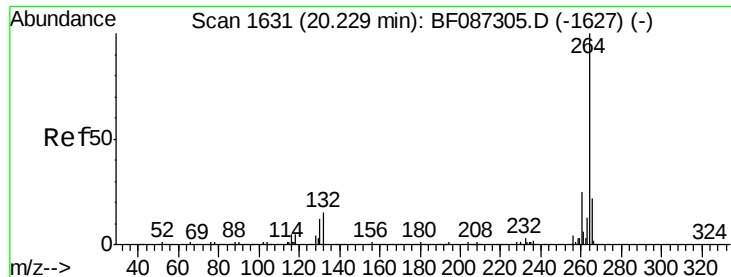


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.09 min Scan# 1619
Delta R.T. -0.05 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.8	17.3	25.9

