

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
 Data File : BF082548.D
 Acq On : 27 Oct 2015 13:29
 Operator : UM/IZ
 Sample : G4109-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Quant Time: Oct 27 15:14:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	79263	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	287828	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	129380	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	197300	20.00	ng	0.00
75) Chrysene-d12	13.91	240	208938	20.00	ng	0.00
86) Perylene-d12	15.36	264	150420	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	320249	79.76	ng	0.01
7) Phenol-d6	6.38	99	402725	76.96	ng	0.00
23) Nitrobenzene-d5	7.30	82	255247	57.21	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	59202	61.11	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	509169	62.58	ng	0.00
78) Terphenyl-d14	12.85	244	386694	53.32	ng	0.00

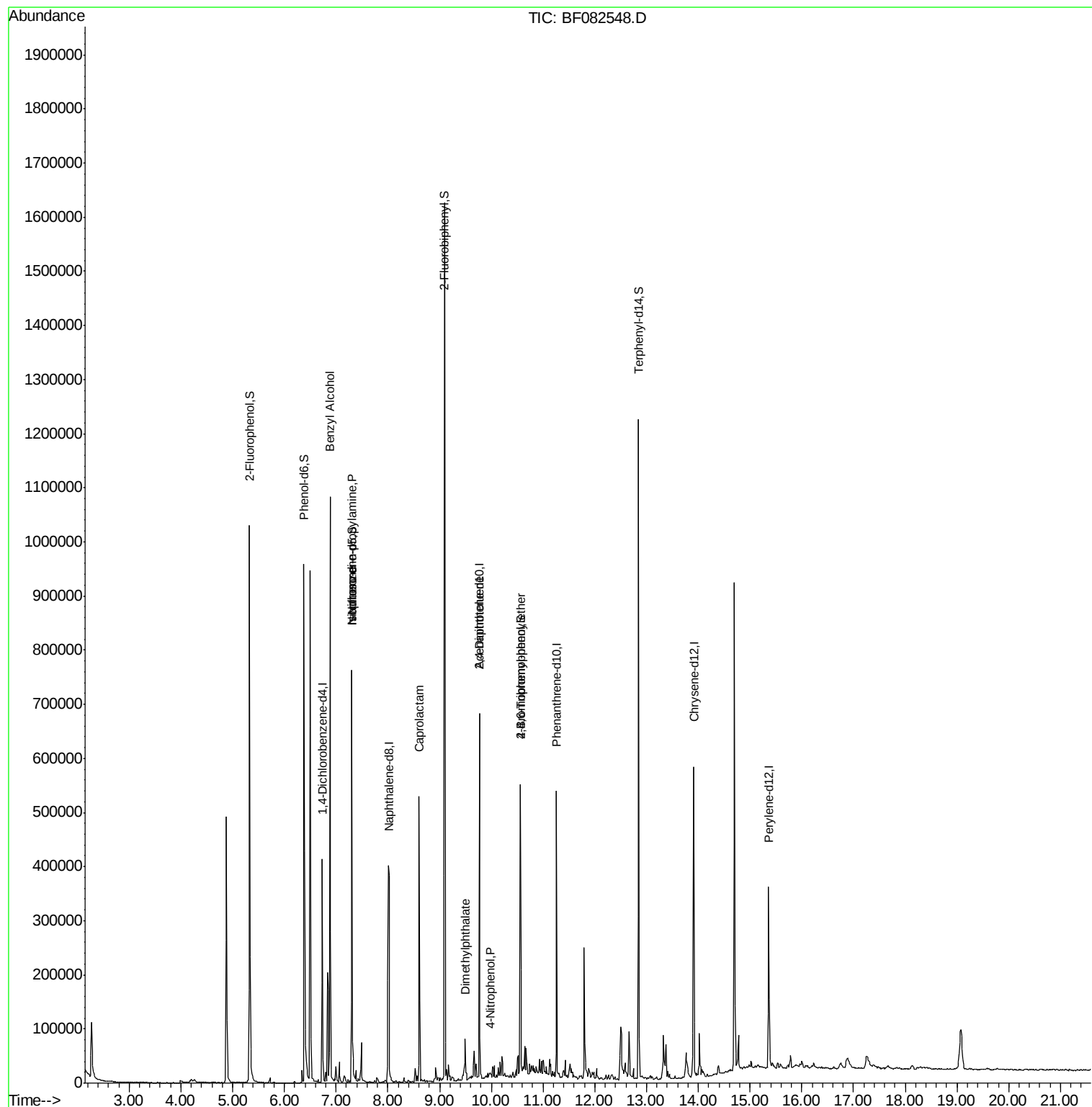
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.88	79	9874	2.71	ng	# 85
19) n-Nitroso-di-n-propylamine	7.30	70	32382	9.50	ng	# 76
25) Isophorone	7.30	82	214145	24.16	ng	# 64
35) Caprolactam	8.61	113	2315	2.13	ng	# 1
49) Dimethylphthalate	9.50	163	33239	3.69	ng	99
55) 4-Nitrophenol	9.98	139	529	6.92	ng	# 11
56) 2,4-Dinitrotoluene	9.77	165	16601	6.93	ng	# 9
66) 4-Bromophenyl-phenylether	10.56	248	4563	2.46	ng	# 1

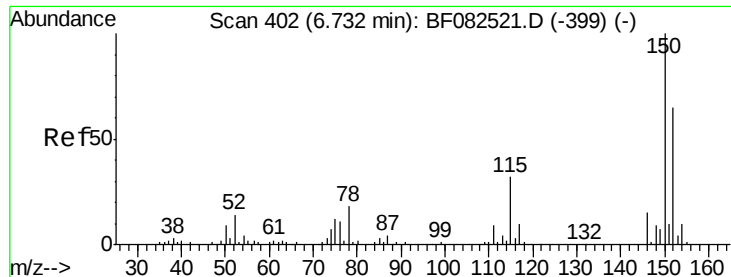
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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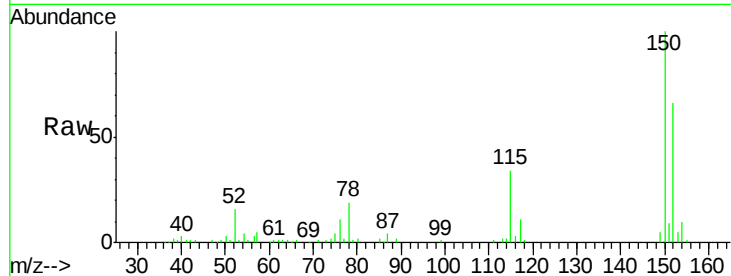




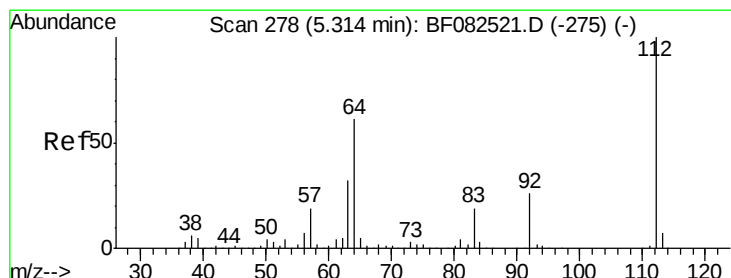
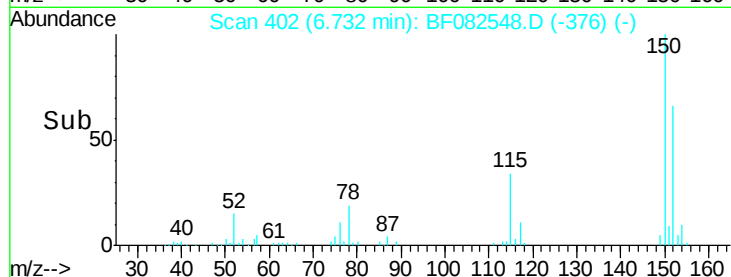
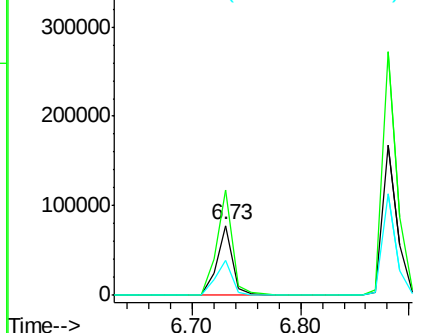
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Tgt Ion:152 Resp: 79263
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.4 185.0
 115 51.0 39.0 58.4

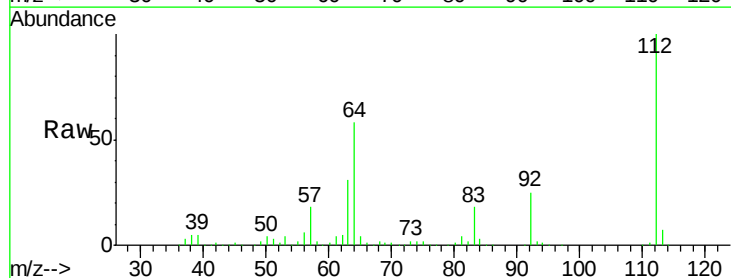


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

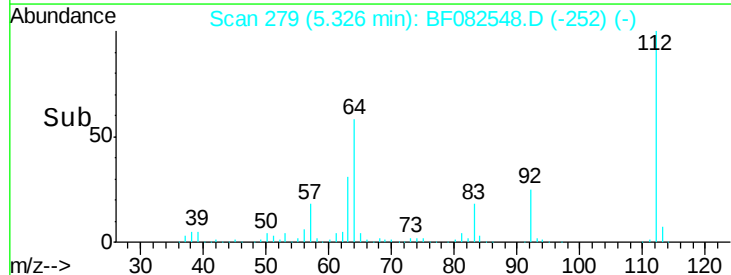
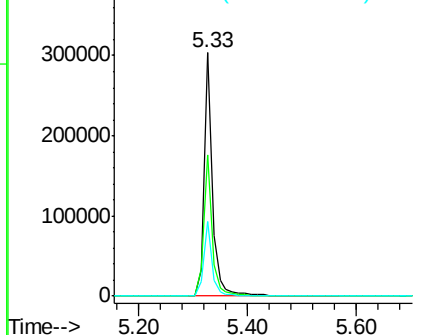


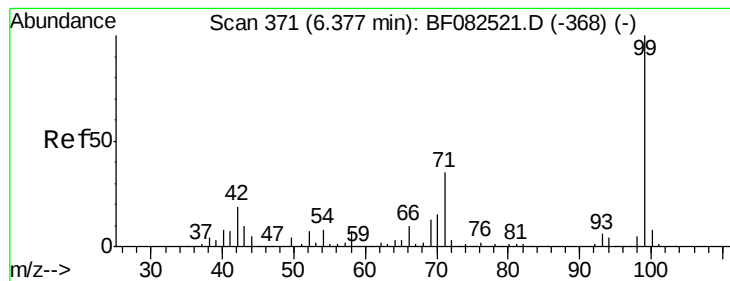
#5
 2-Fluorophenol
 Concen: 79.76 ng
 RT: 5.33 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Tgt Ion:112 Resp: 320249
 Ion Ratio Lower Upper
 112 100
 64 57.9 49.0 73.4
 63 30.5 25.8 38.6



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: 76.96 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082548.D

Acq: 27 Oct 2015 13:29

Instrument :

BNA_F

ClientSampleId :

1510093753

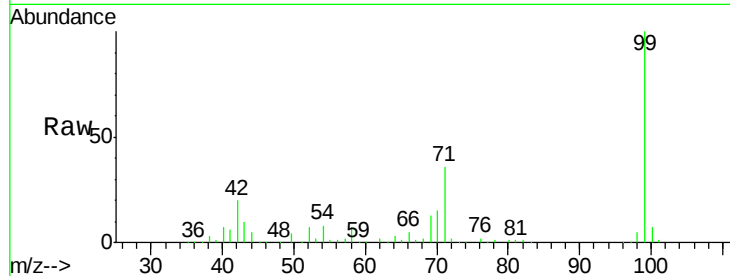
Tgt Ion: 99 Resp: 402725

Ion Ratio Lower Upper

99 100

42 19.6 15.1 22.7

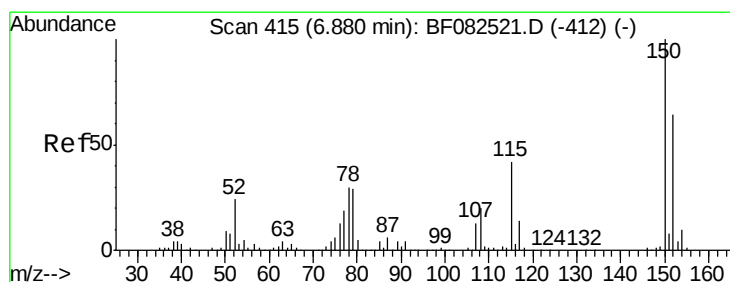
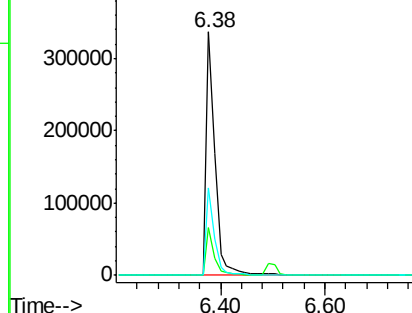
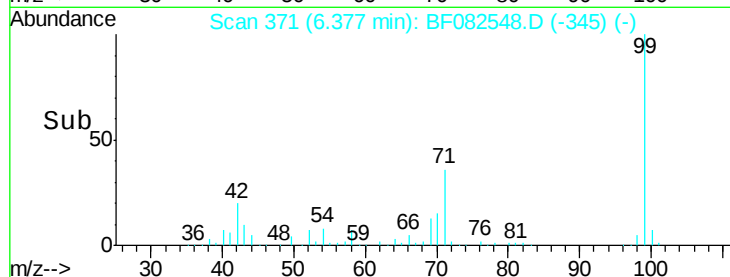
71 36.1 28.2 42.2



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: 2.71 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082548.D

Acq: 27 Oct 2015 13:29

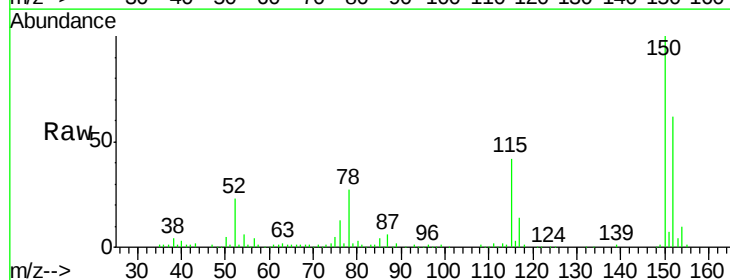
Tgt Ion: 79 Resp: 9874

Ion Ratio Lower Upper

79 100

108 65.3 55.0 82.6

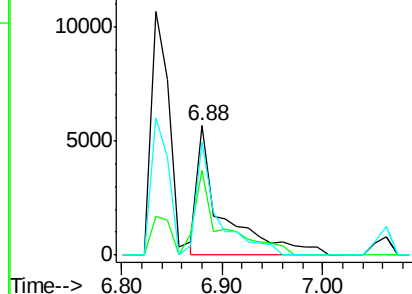
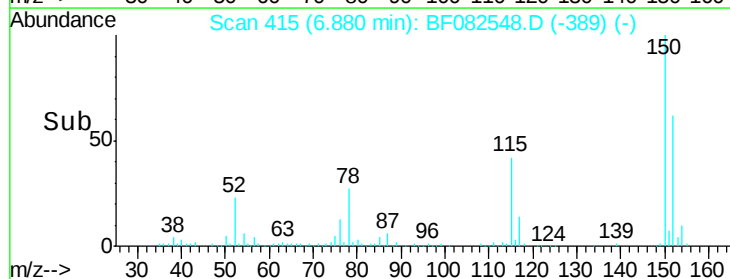
77 87.1 52.5 78.7#

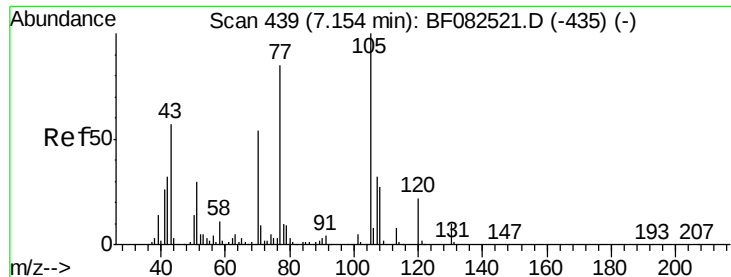


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

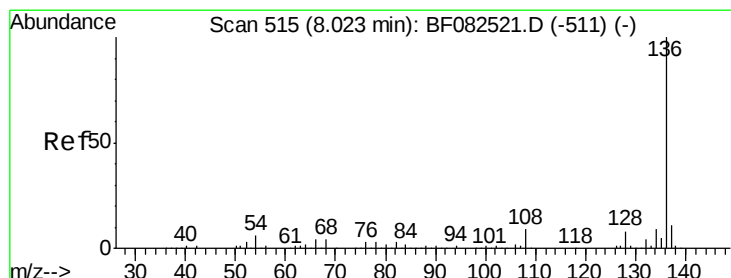
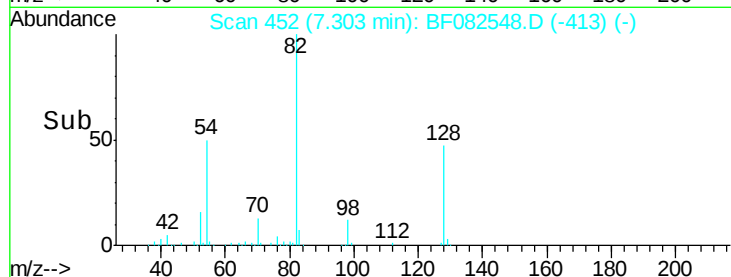
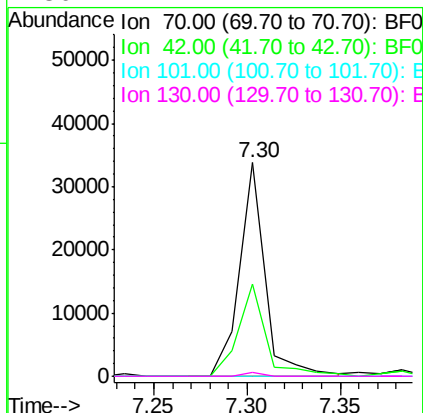
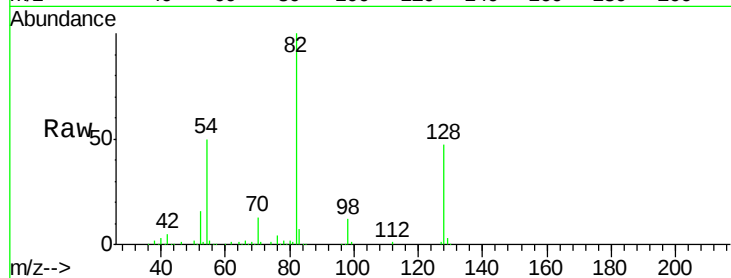




#19
n-Nitroso-di-n-propylamine
Concen: 9.50 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.15 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

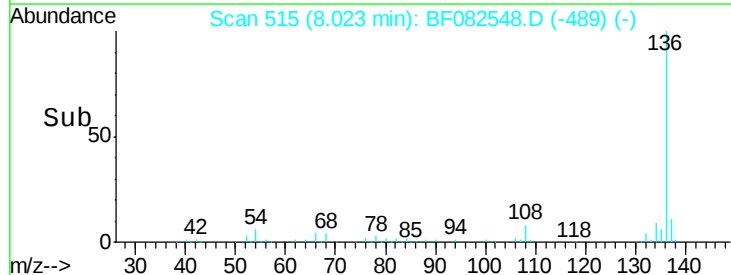
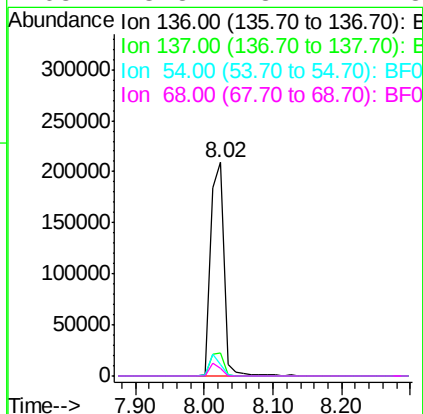
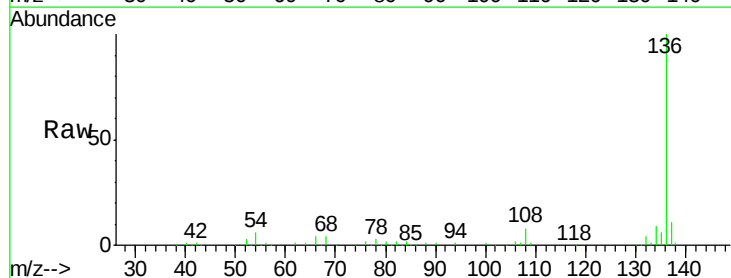
Instrument :
BNA_F
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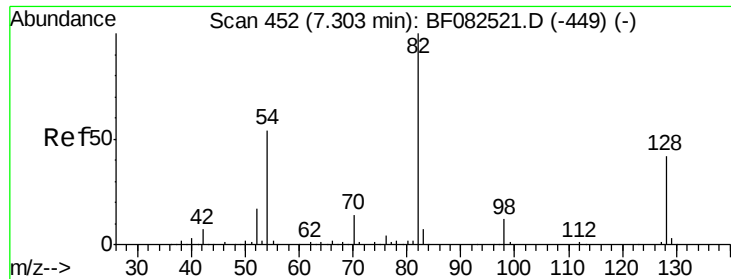
Tgt Ion: 70 Resp: 32382
Ion Ratio Lower Upper
70 100
42 43.1 46.9 70.3#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF082548.D
Acq: 27 Oct 2015 13:29

Tgt Ion: 136 Resp: 287828
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.6 4.6 7.0
68 3.8 3.2 4.8

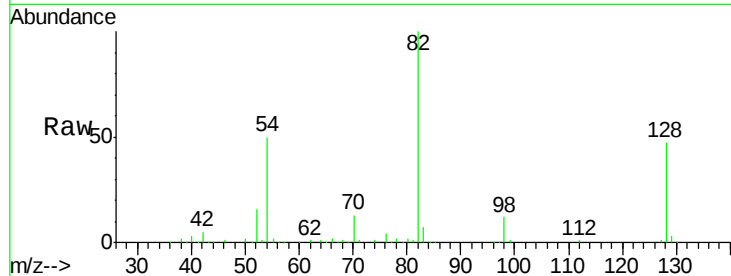




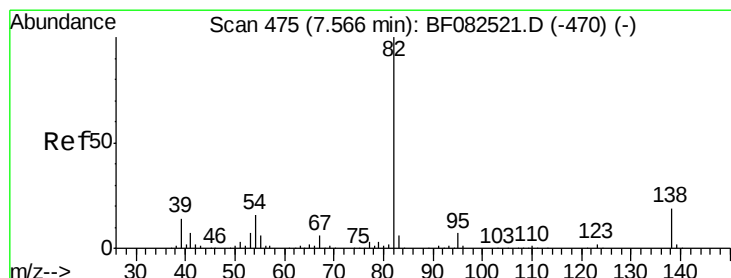
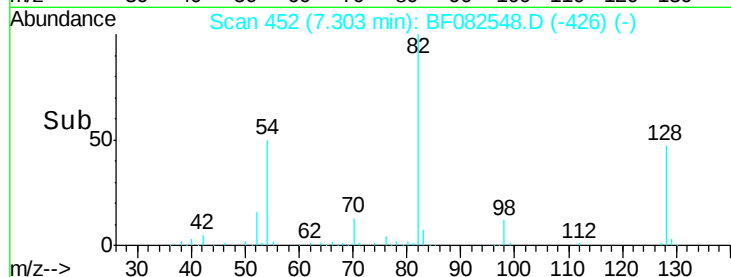
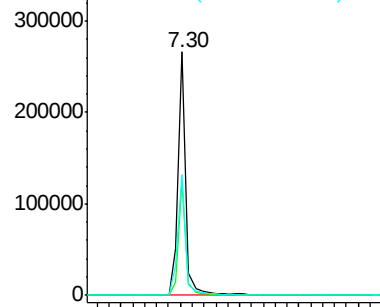
#23
 Nitrobenzene-d5
 Concen: 57.21 ng
 RT: 7.30 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	33.4	50.0
54	49.8	43.5	65.3

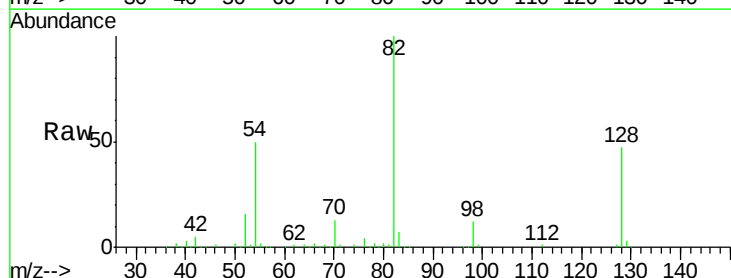


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

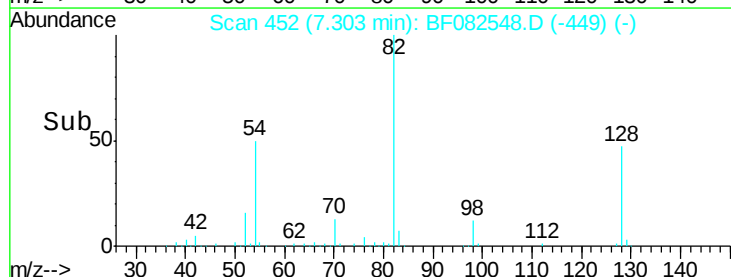
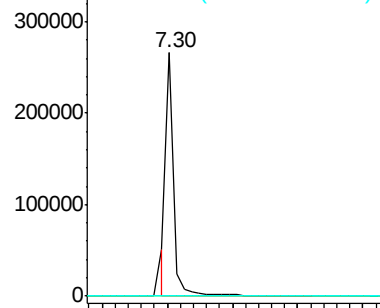


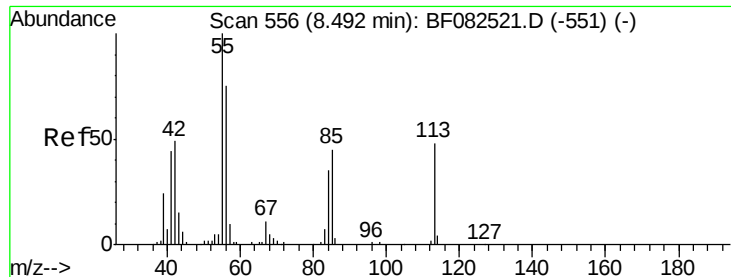
#25
 Isophorone
 Concen: 24.16 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.26 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.0	22.4#



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): BF0

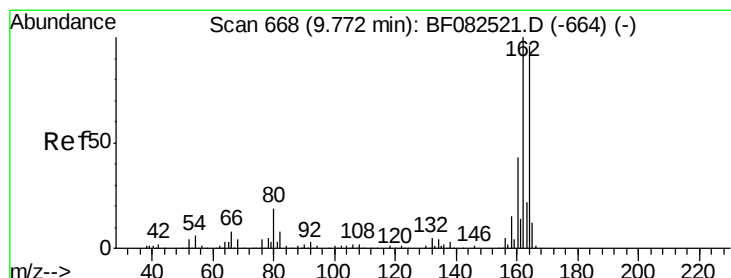
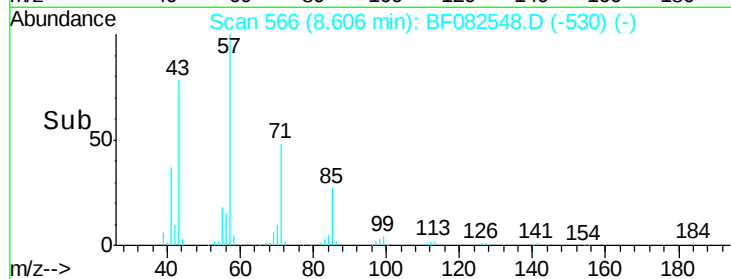
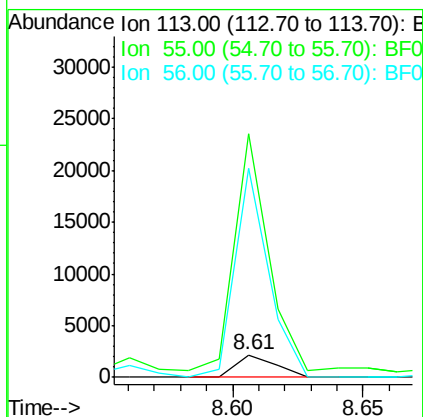
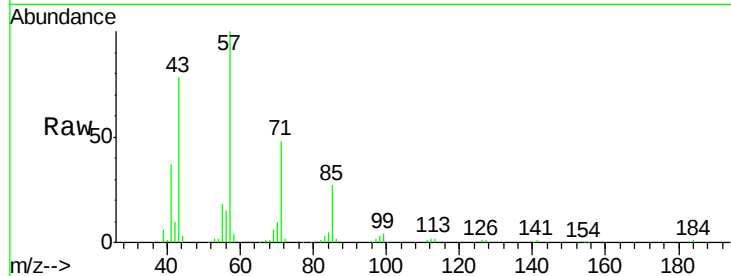




#35
 Caprolactam
 Concen: 2.13 ng
 RT: 8.61 min Scan# 566
 Delta R.T. 0.11 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

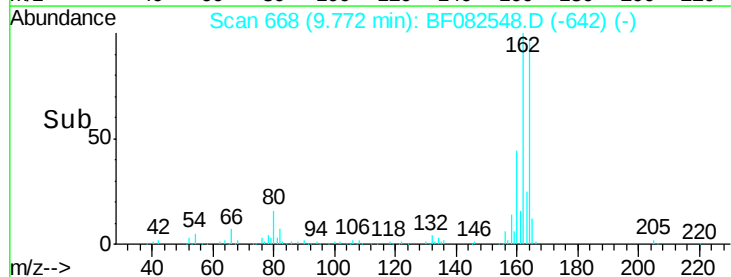
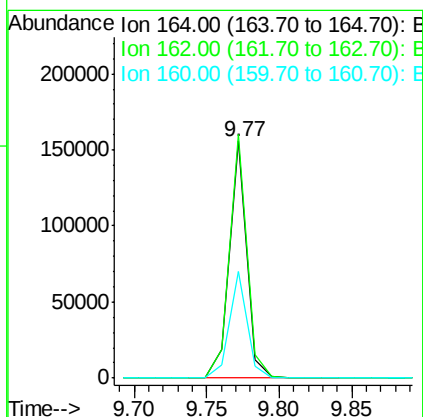
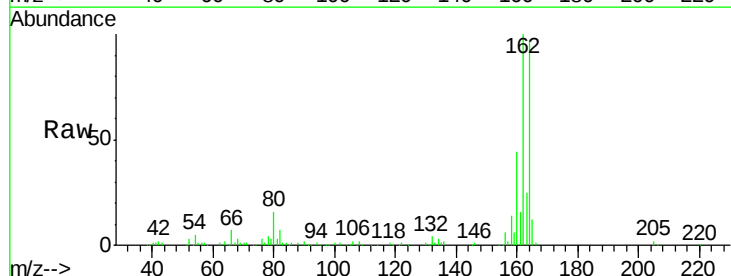
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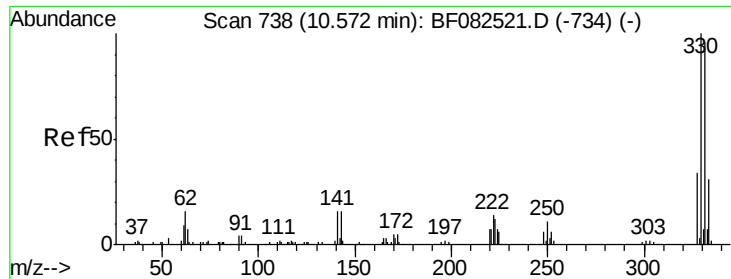
Tgt Ion:113 Resp: 2315
 Ion Ratio Lower Upper
 113 100
 55 1080.5 188.9 228.9#
 56 928.1 135.8 175.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Tgt Ion:164 Resp: 129380
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.6 125.4
 160 45.0 36.0 54.0

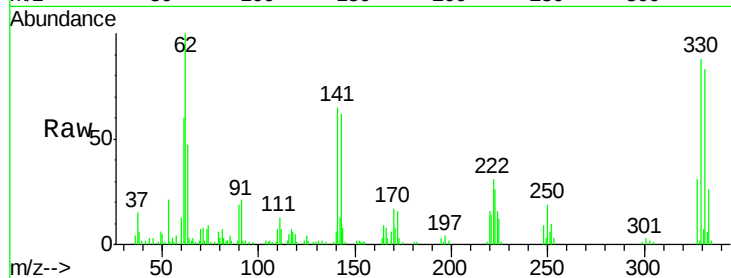




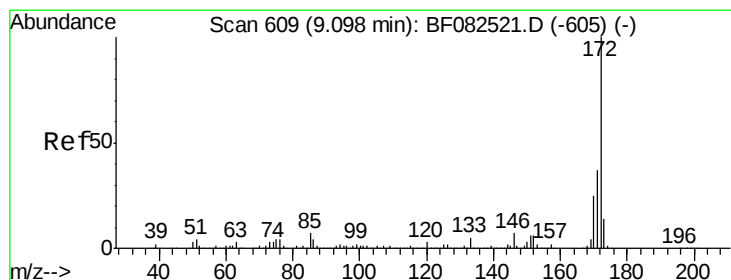
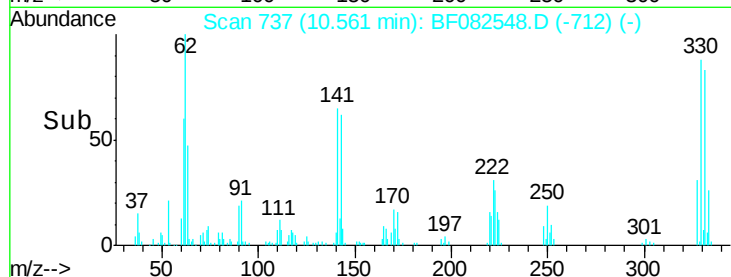
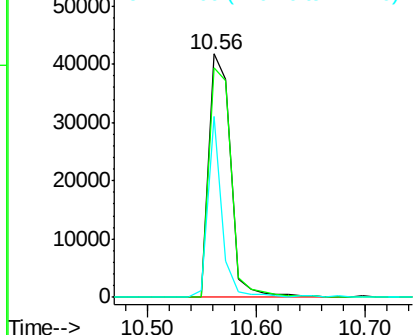
#41
 2,4,6-Tribromophenol
 Concen: 61.11 ng
 RT: 10.56 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Tgt Ion:330 Resp: 59202
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 47.1 32.5 48.7

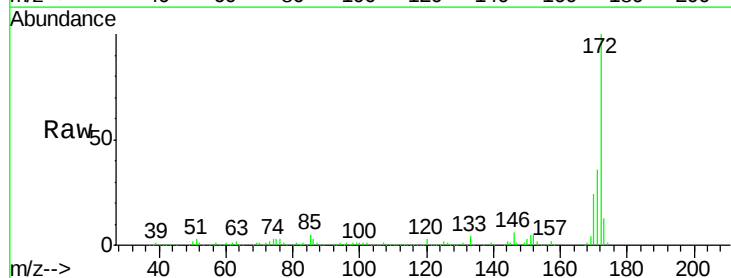


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

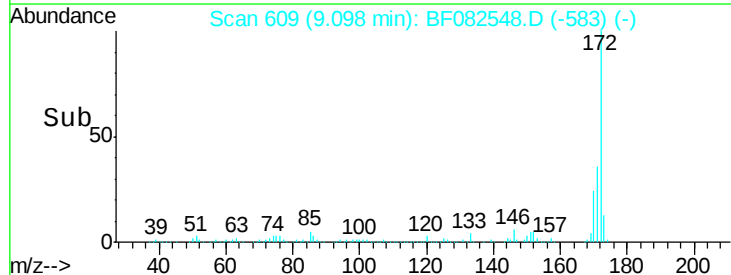
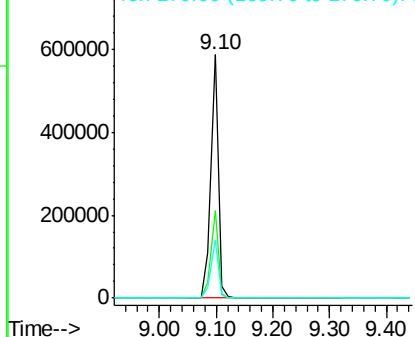


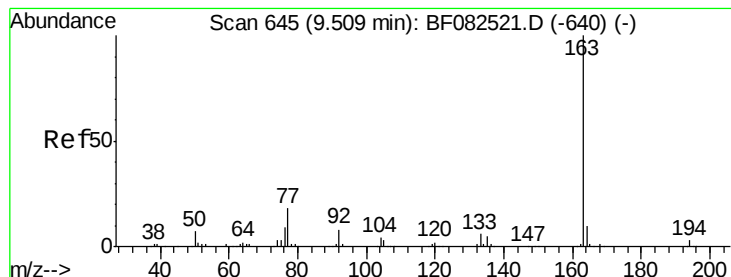
#44
 2-Fluorobiphenyl
 Concen: 62.58 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Tgt Ion:172 Resp: 509169
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 24.0 19.8 29.6



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





#49

Dimethylphthalate

Concen: 3.69 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082548.D

Acq: 27 Oct 2015 13:29

Instrument :

BNA_F

ClientSampleId :

1510093753

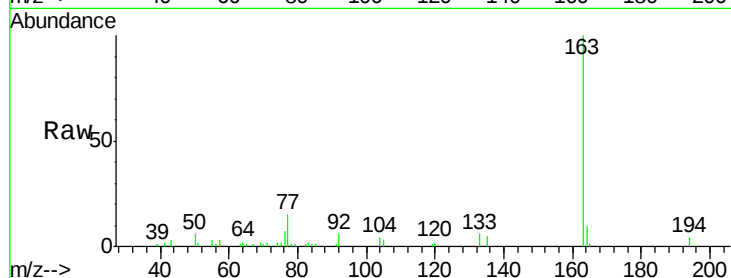
Tgt Ion:163 Resp: 33239

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

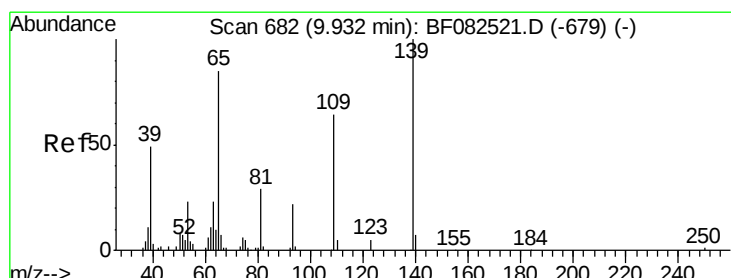
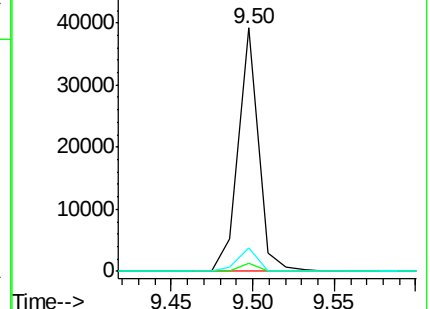
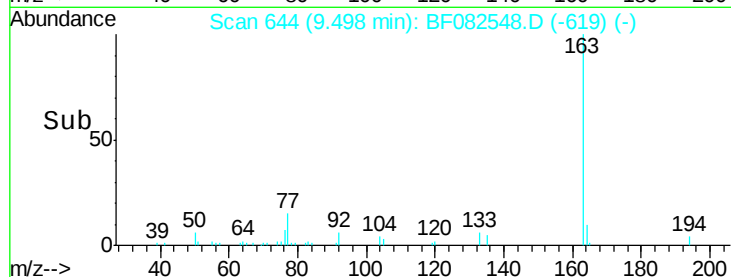
164 9.6 8.2 12.4



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



#55

4-Nitrophenol

Concen: 6.92 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.05 min

Lab File: BF082548.D

Acq: 27 Oct 2015 13:29

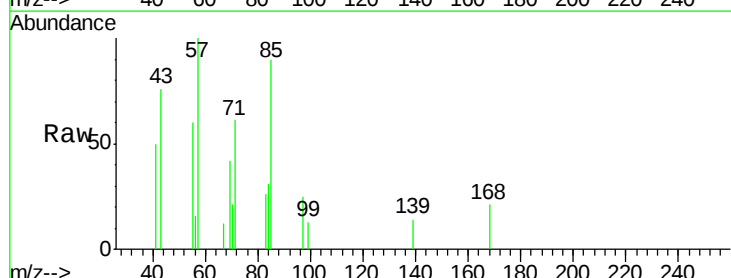
Tgt Ion:139 Resp: 529

Ion Ratio Lower Upper

139 100

109 0.0 44.2 84.2#

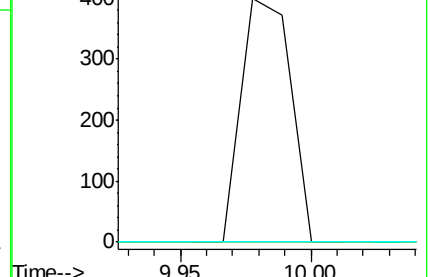
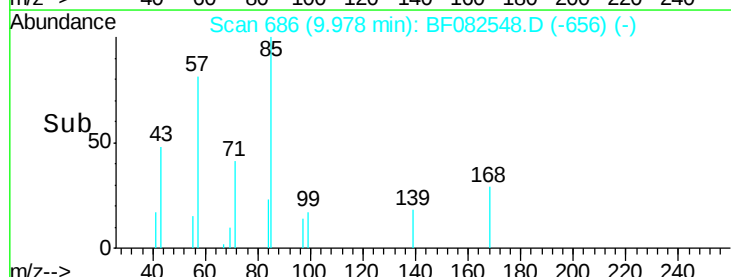
65 0.0 68.1 108.1#

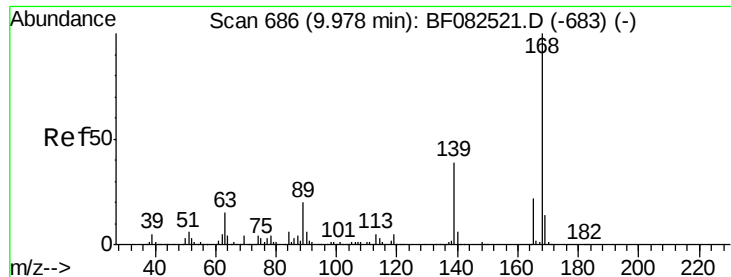


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

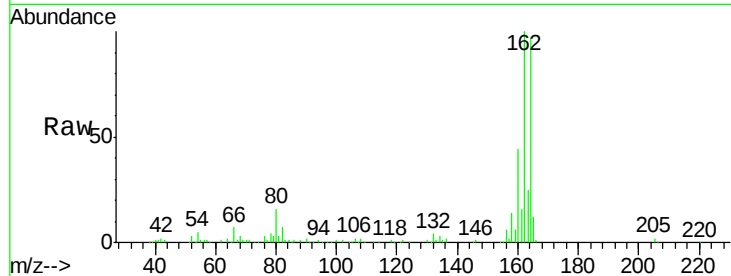




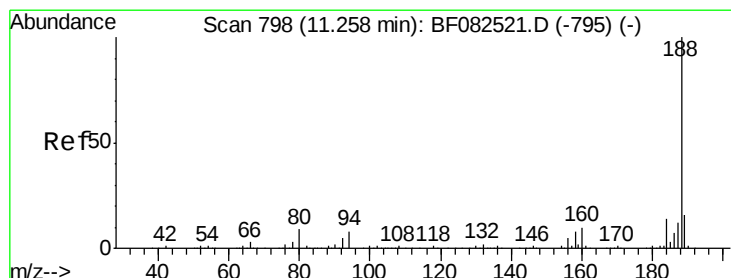
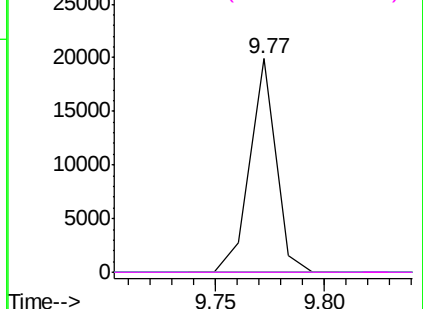
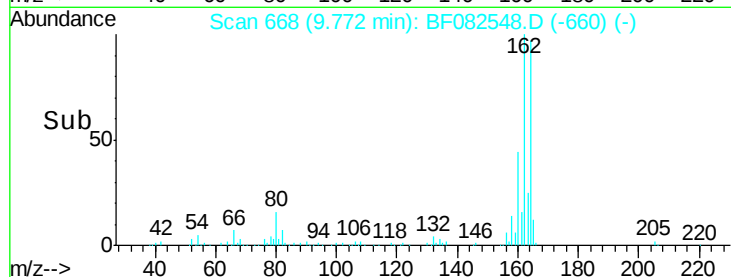
#56
 2,4-Dinitrotoluene
 Concen: 6.93 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Tgt Ion:165 Resp: 16601
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.6 88.0#
 89 0.0 72.3 108.5#
 182 0.0 1.8 2.8#

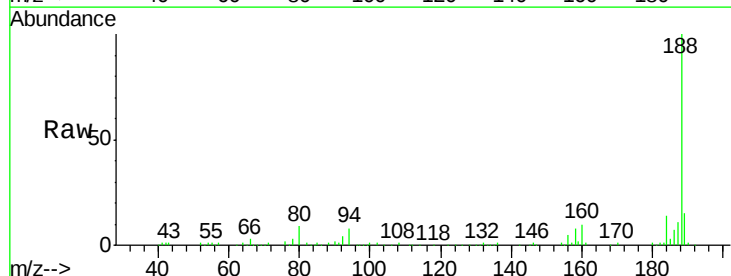


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

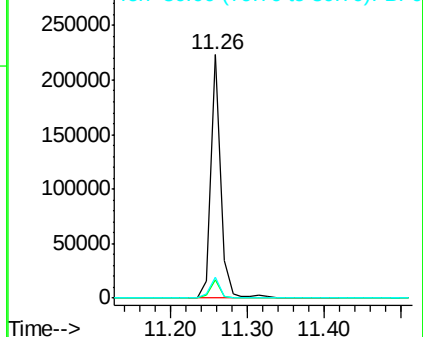
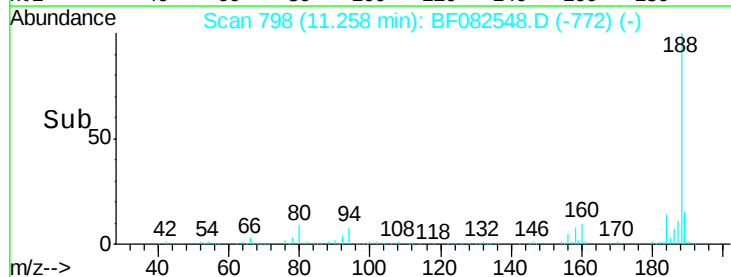


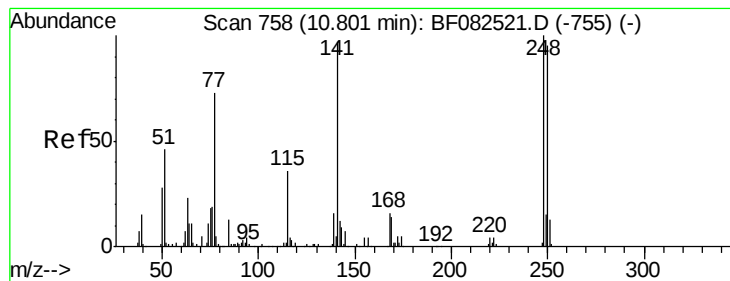
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Tgt Ion:188 Resp: 197300
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.4 9.6
 80 8.6 7.0 10.6



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: 2.46 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.24 min

Lab File: BF082548.D

Acq: 27 Oct 2015 13:29

Instrument :

BNA_F

ClientSampleId :

1510093753

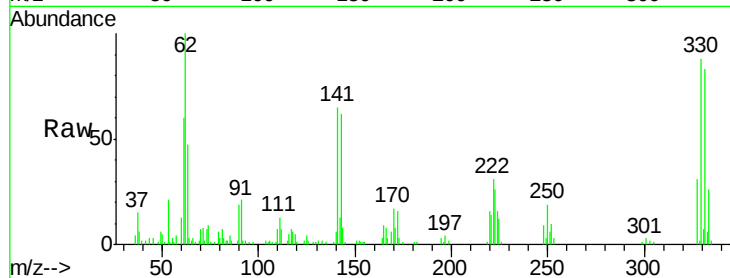
Tgt Ion:248 Resp: 4563

Ion Ratio Lower Upper

248 100

250 204.7 76.0 114.0#

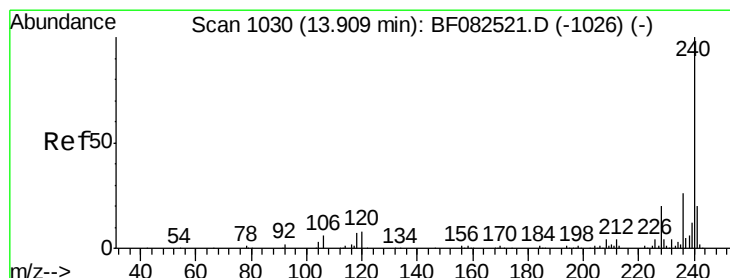
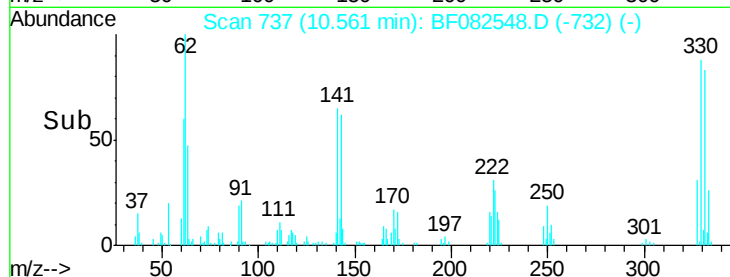
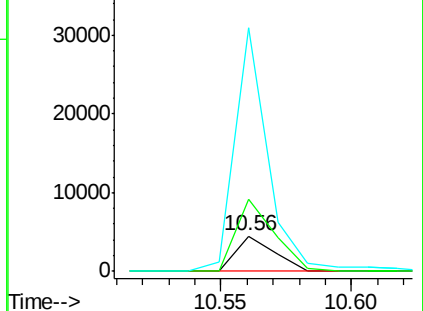
141 690.1 77.5 116.3#



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: 13.91 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF082548.D

Acq: 27 Oct 2015 13:29

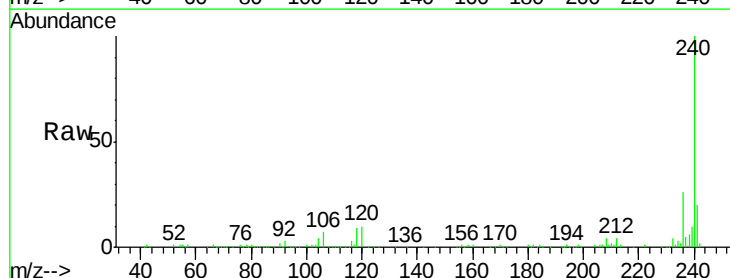
Tgt Ion:240 Resp: 208938

Ion Ratio Lower Upper

240 100

120 9.7 6.5 9.7#

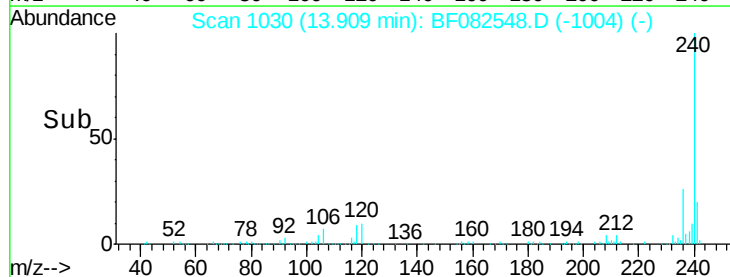
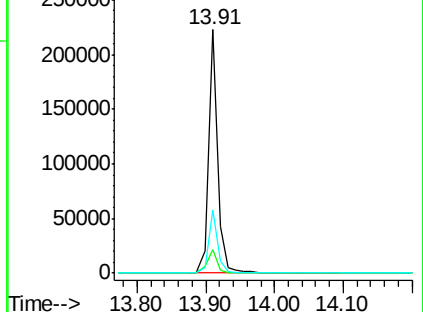
236 25.8 20.5 30.7

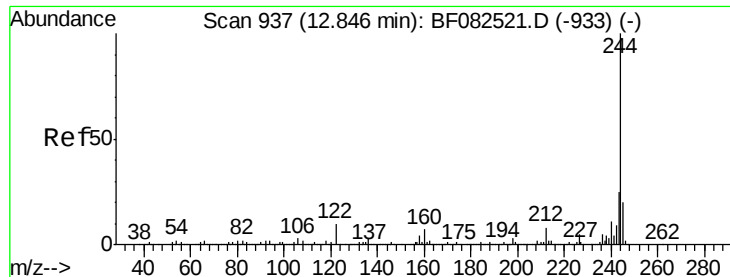


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

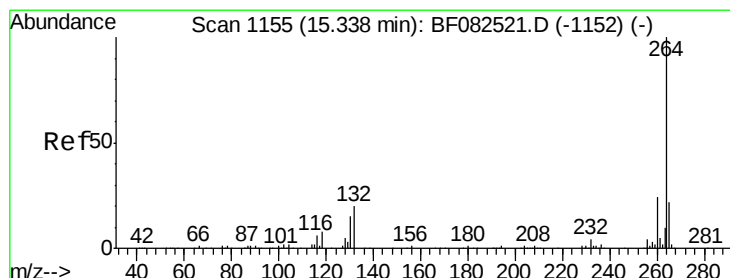
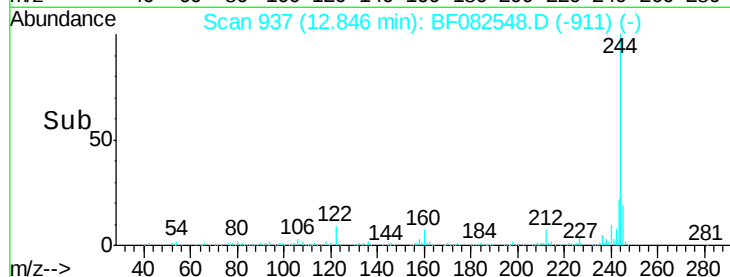
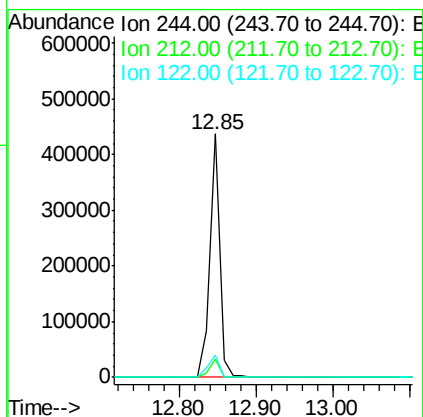
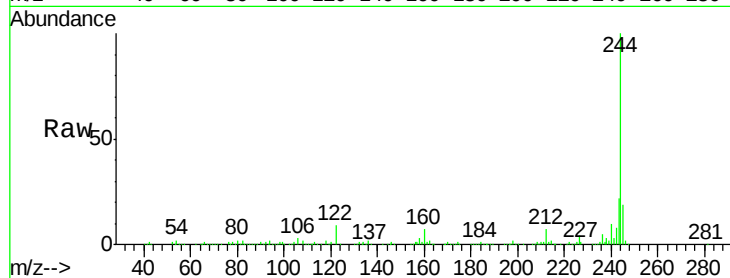




#78
 Terphenyl-d14
 Concen: 53.32 ng
 RT: 12.85 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 1510093753

Tgt Ion:244 Resp: 386694
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 9.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1157
 Delta R.T. 0.02 min
 Lab File: BF082548.D
 Acq: 27 Oct 2015 13:29

Tgt Ion:264 Resp: 150420
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.5 17.8 26.6

