

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077855.D
 Acq On : 20 Mar 2015 4:48
 Operator : TP/IZ
 Sample : G1557-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015

Quant Time: Mar 20 05:42:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

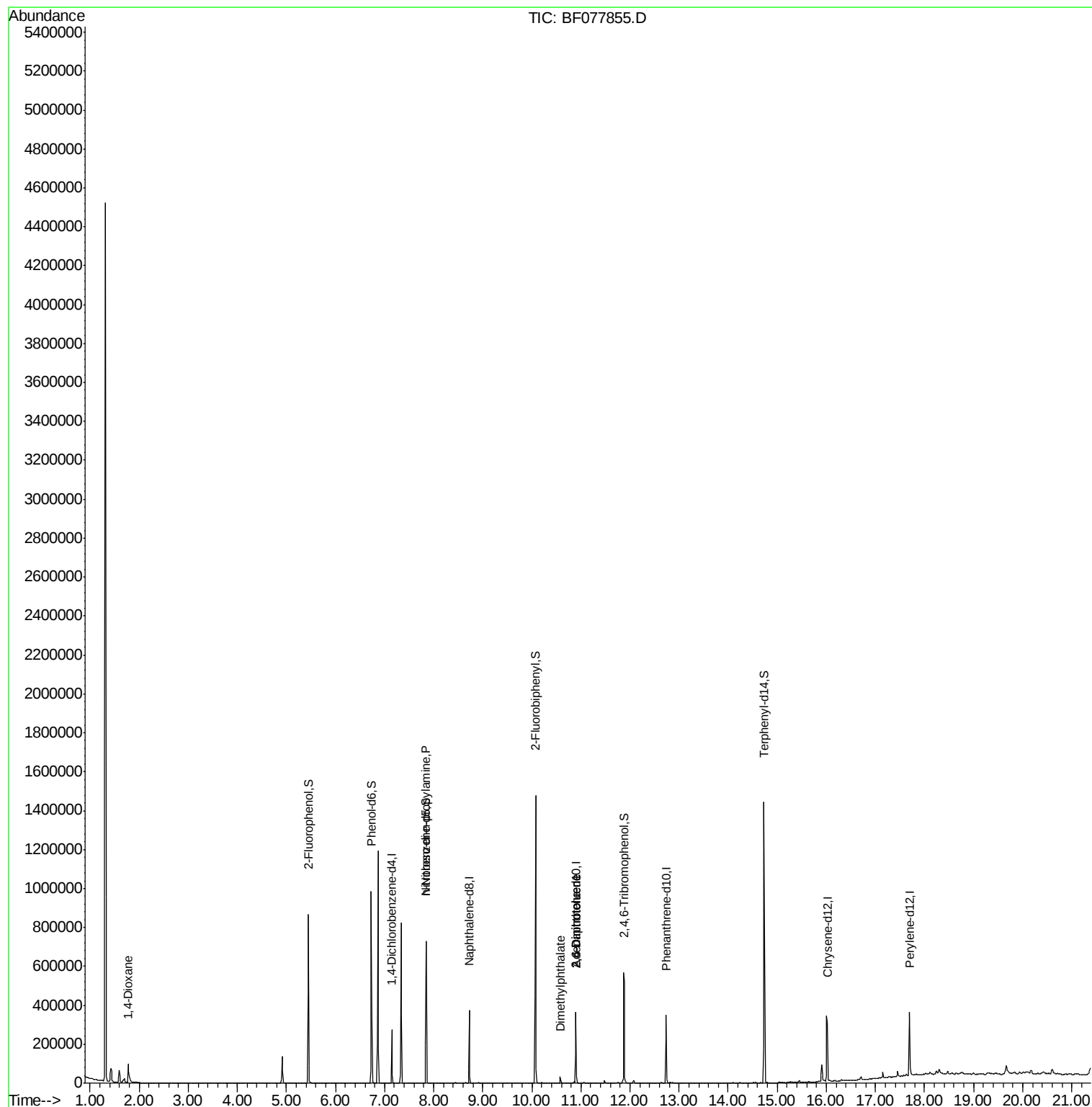
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	42221	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	171354	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	84649	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	169511	20.00	ng	0.00
75) Chrysene-d12	16.02	240	182185	20.00	ng	-0.01
86) Perylene-d12	17.70	264	173133	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	306685	126.79	ng	0.01
7) Phenol-d6	6.73	99	371457	124.30	ng	0.00
23) Nitrobenzene-d5	7.85	82	232476	88.93	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	97691	120.62	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	496162	86.14	ng	0.00
78) Terphenyl-d14	14.73	244	563068	75.49	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.78	88	3984	3.63	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	29979	14.50	ng	# 79
49) Dimethylphthalate	10.58	163	18057	2.88	ng	96
50) 2,6-Dinitrotoluene	10.90	165	10565	8.12	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	10565	6.23	ng	# 11

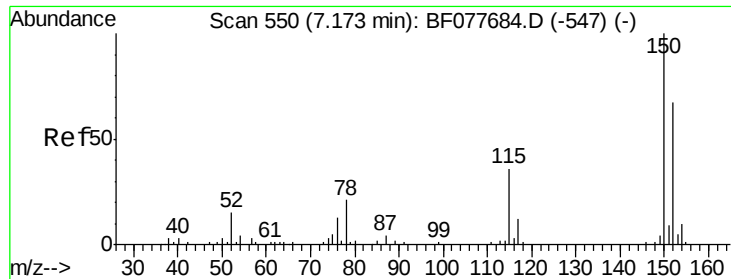
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 20 06:30:20 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF077855.D

Acq: 20 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015

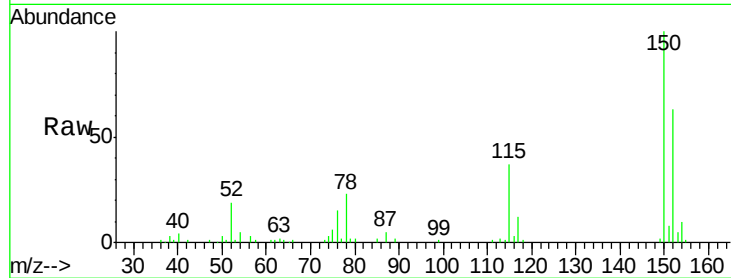
Tgt Ion:152 Resp: 42221

Ion Ratio Lower Upper

152 100

150 159.1 119.5 179.3

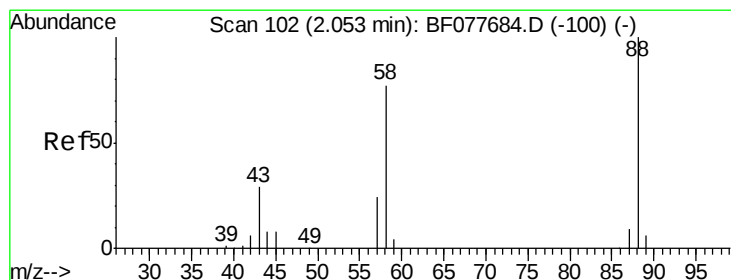
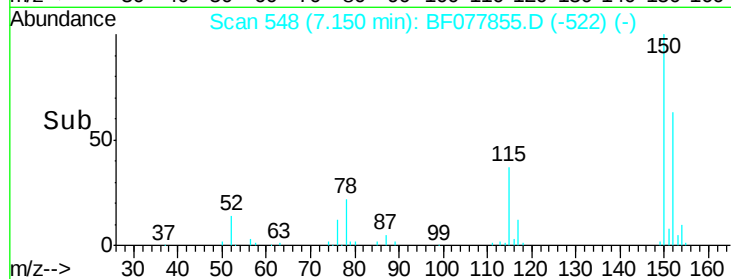
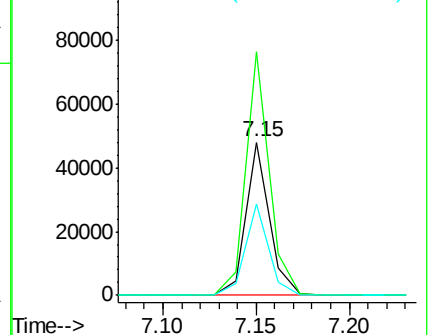
115 59.4 43.0 64.4



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



#2

1,4-Dioxane

Concen: 3.63 ng

RT: 1.78 min Scan# 78

Delta R.T. -0.25 min

Lab File: BF077855.D

Acq: 20 Mar 2015 4:48

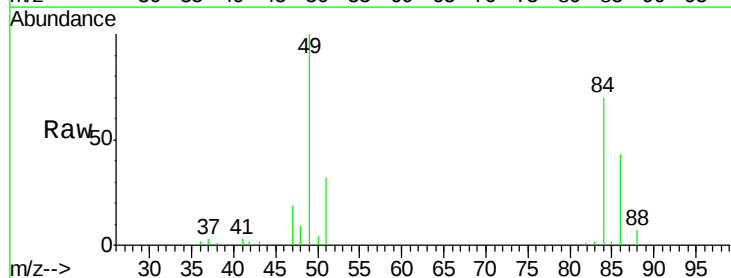
Tgt Ion: 88 Resp: 3984

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

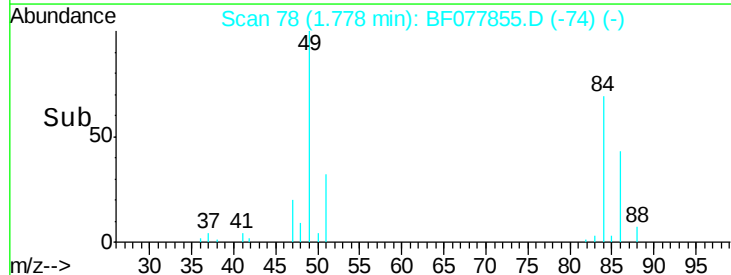
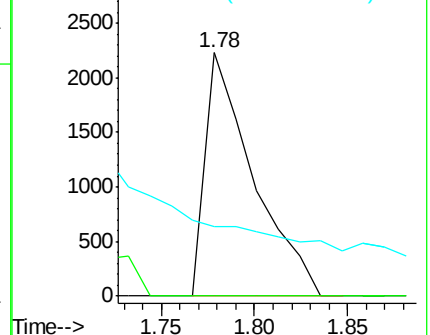
43 0.0 0.0 0.0

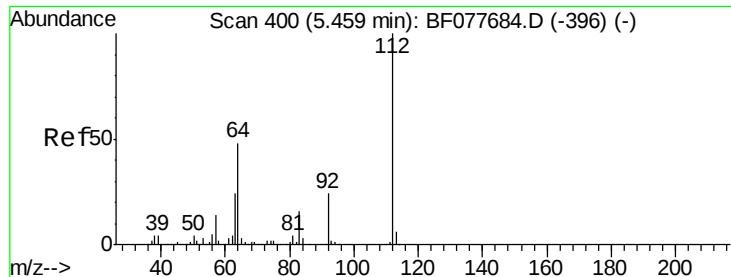


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 126.79 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077855.D

Acq: 20 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015

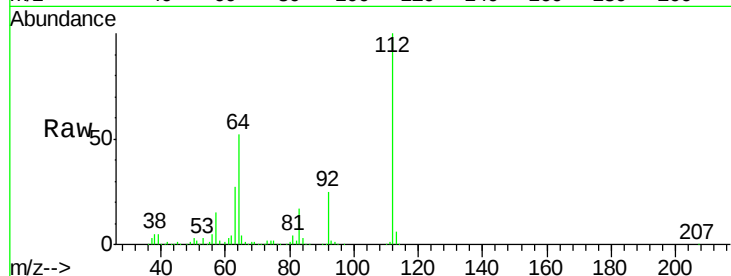
Tgt Ion: 112 Resp: 306685

Ion Ratio Lower Upper

112 100

64 52.3 38.6 57.8

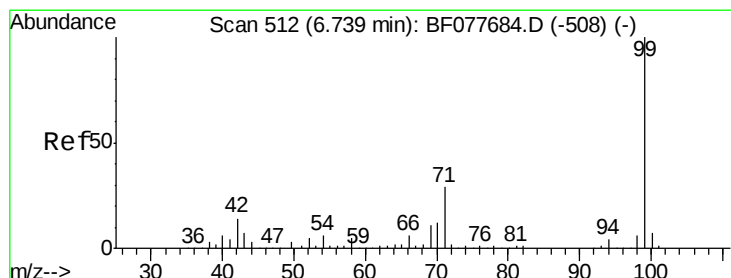
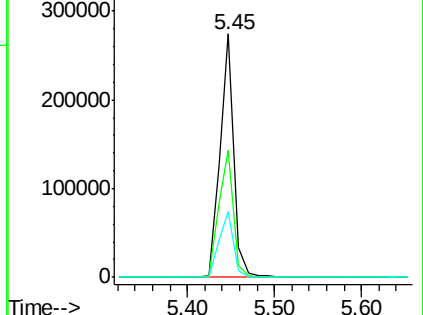
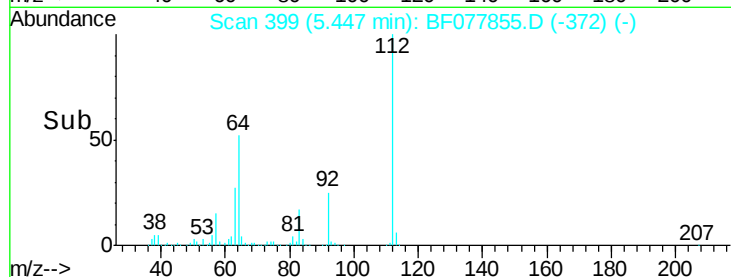
63 26.7 19.3 28.9



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: 124.30 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077855.D

Acq: 20 Mar 2015 4:48

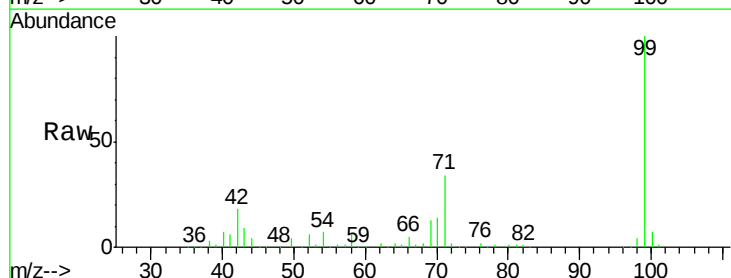
Tgt Ion: 99 Resp: 371457

Ion Ratio Lower Upper

99 100

42 18.3 11.0 16.4#

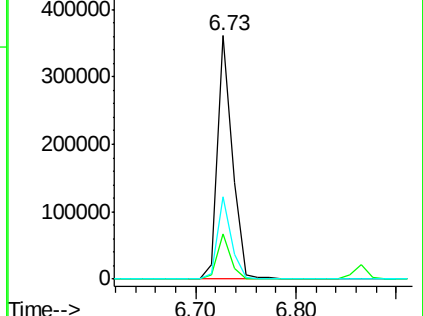
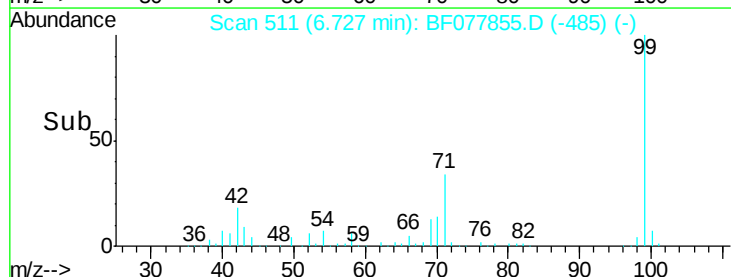
71 34.0 23.4 35.2

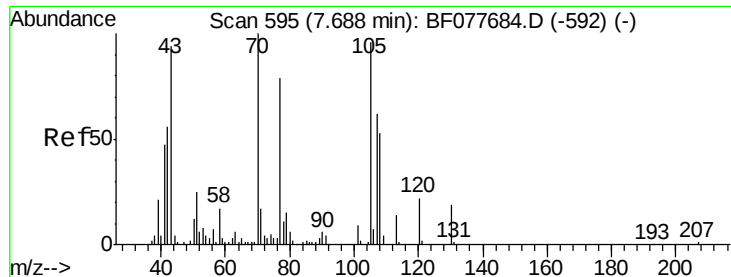


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

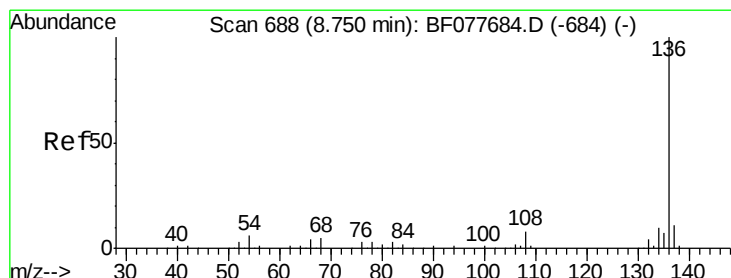
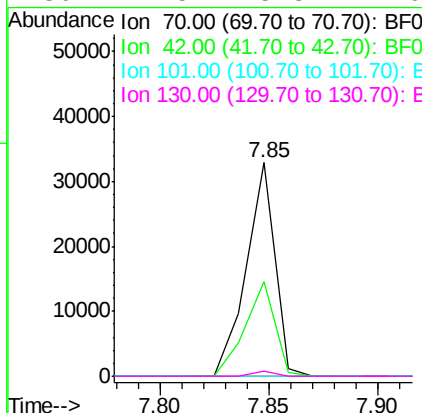
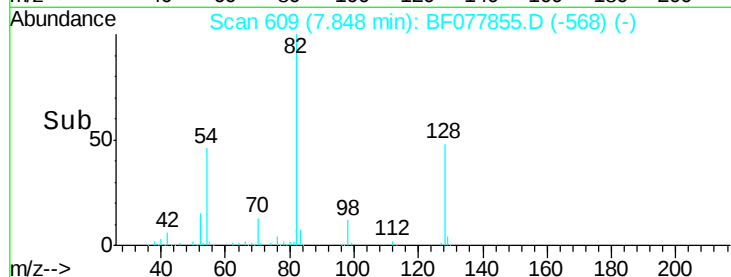
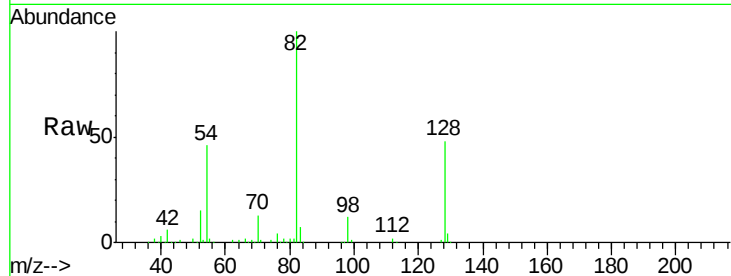




#19
n-Nitroso-di-n-propylamine
Concen: 14.50 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077855.D
Acq: 20 Mar 2015 4:48

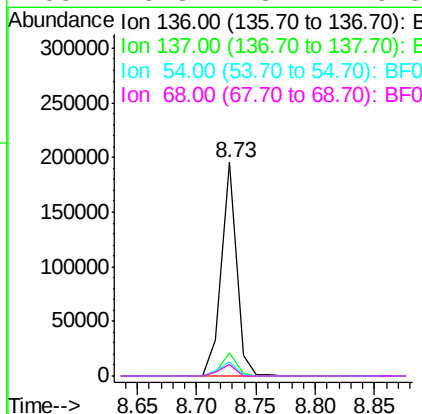
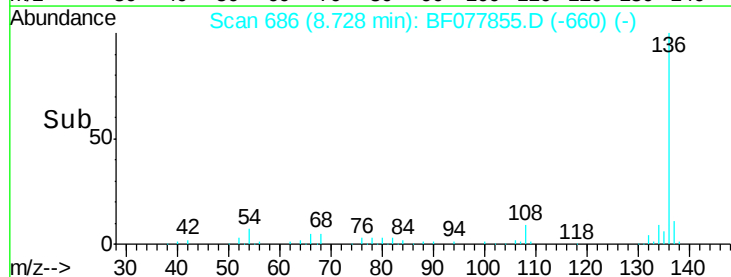
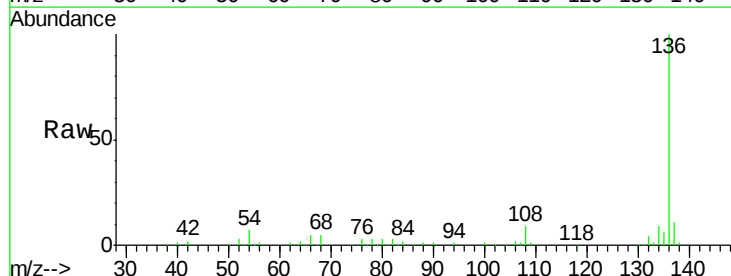
Instrument :
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ClientSampleId :
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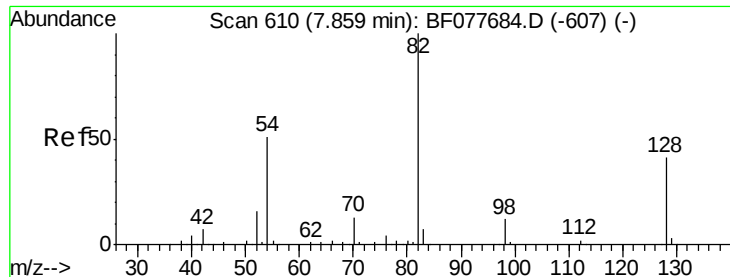
Tgt Ion: 70 Resp: 29979
Ion Ratio Lower Upper
70 100
42 44.4 44.5 66.7#
101 0.0 7.4 11.2#
130 2.5 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077855.D
Acq: 20 Mar 2015 4:48

Tgt Ion: 136 Resp: 171354
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.8 4.6 6.8
68 5.3 3.7 5.5

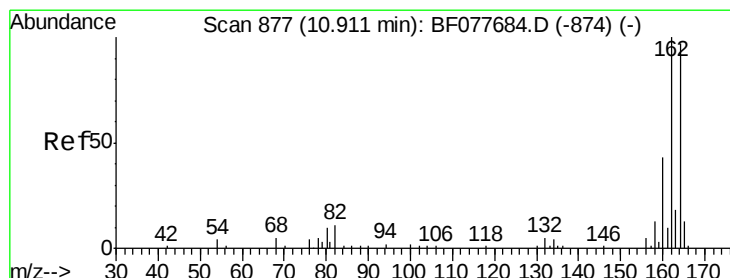
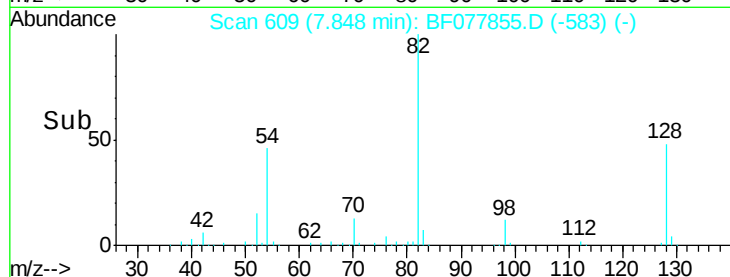
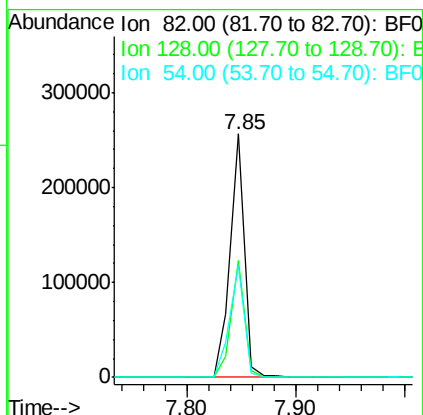
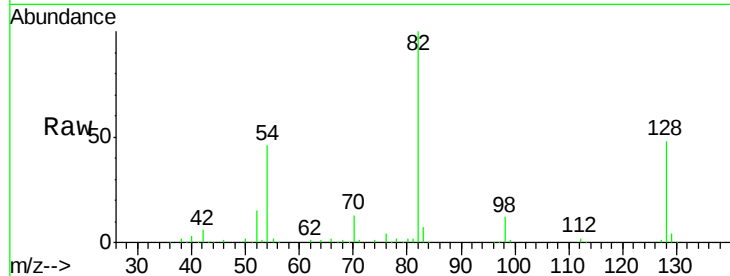




#23
 Nitrobenzene-d5
 Concen: 88.93 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077855.D
 Acq: 20 Mar 2015 4:48

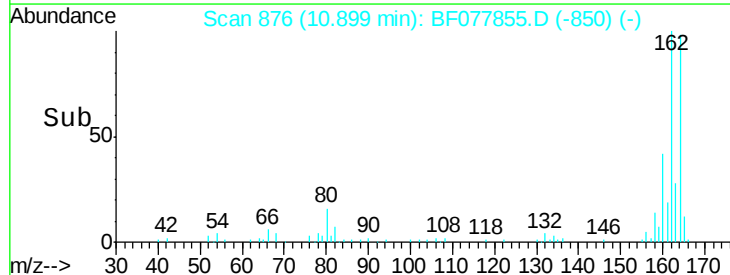
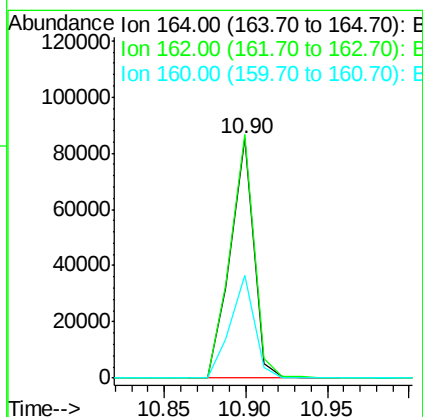
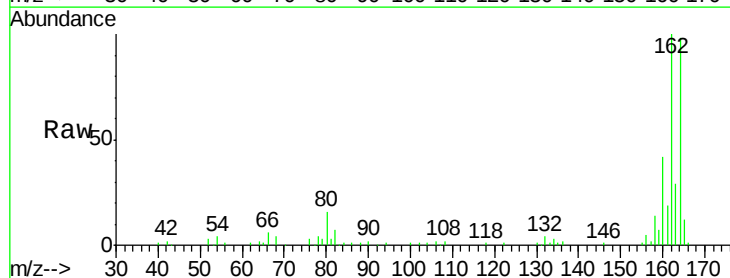
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015

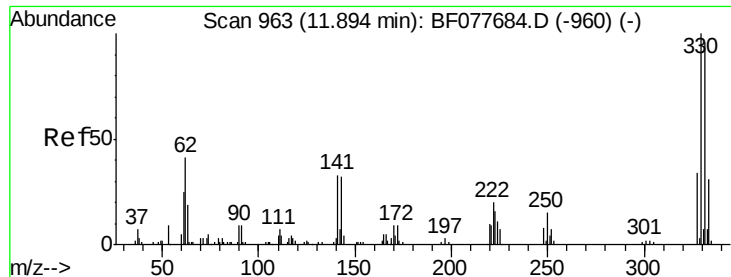
Tgt Ion: 82 Resp: 232476
 Ion Ratio Lower Upper
 82 100
 128 47.8 32.8 49.2
 54 46.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BF077855.D
 Acq: 20 Mar 2015 4:48

Tgt Ion: 164 Resp: 84649
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.4 123.6
 160 43.1 35.8 53.6

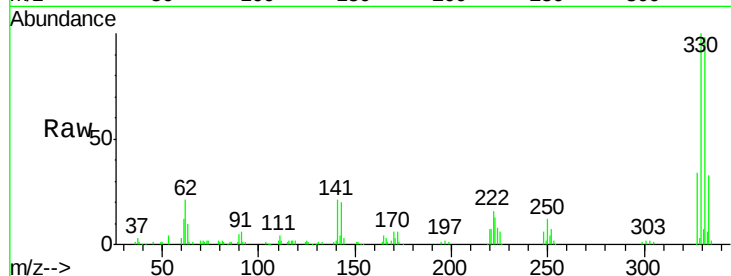




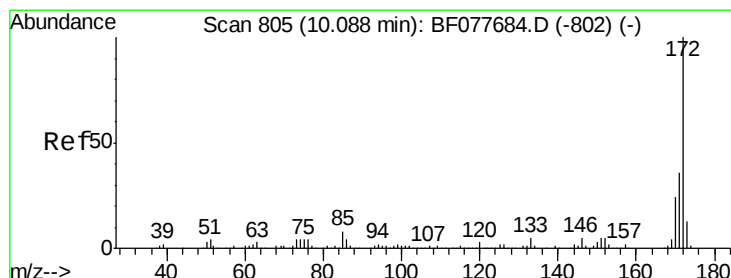
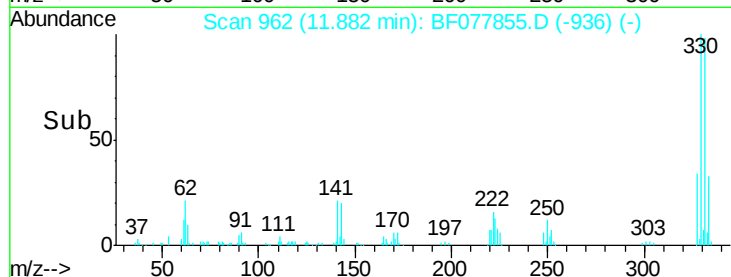
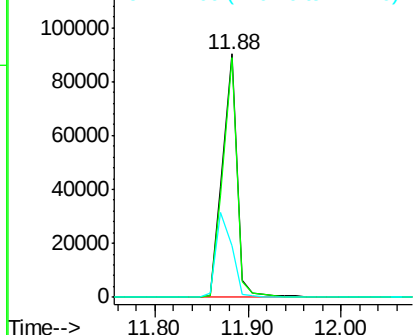
#41
 2,4,6-Tribromophenol
 Concen: 120.62 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077855.D
 Acq: 20 Mar 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	37.9	0.0	0.0#

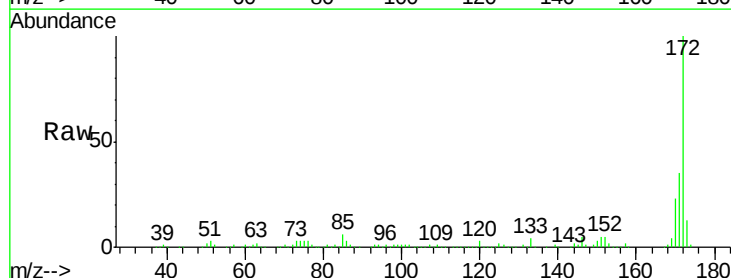


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

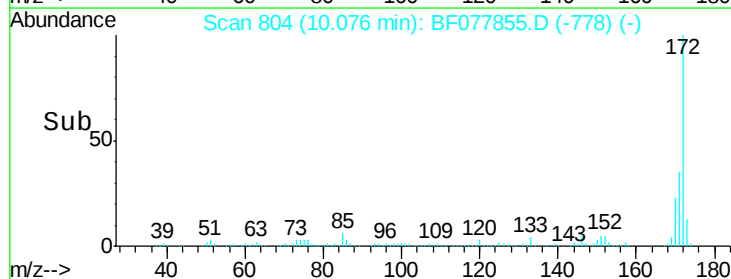
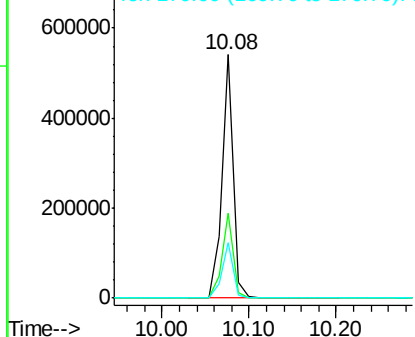


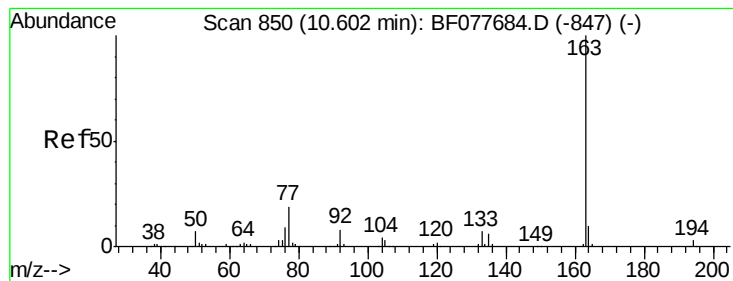
#44
 2-Fluorobiphenyl
 Concen: 86.14 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077855.D
 Acq: 20 Mar 2015 4:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.0	18.8	28.2



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: 2.88 ng

RT: 10.58 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF077855.D

Acq: 20 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015

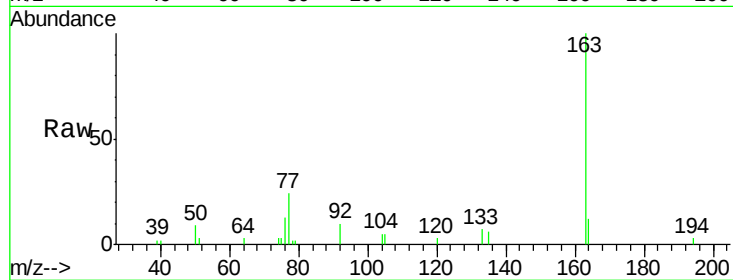
Tgt Ion:163 Resp: 18057

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

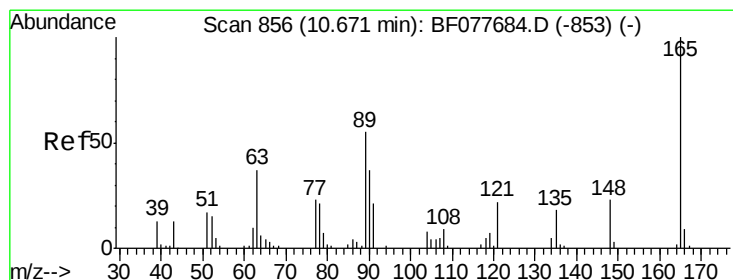
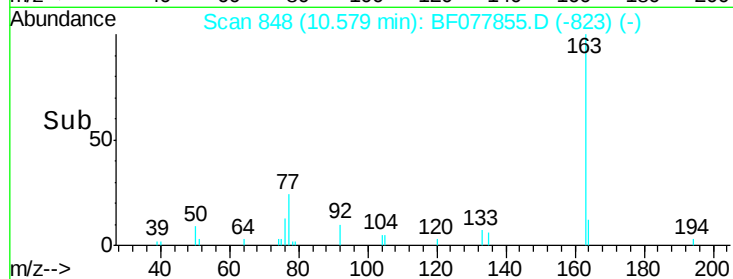
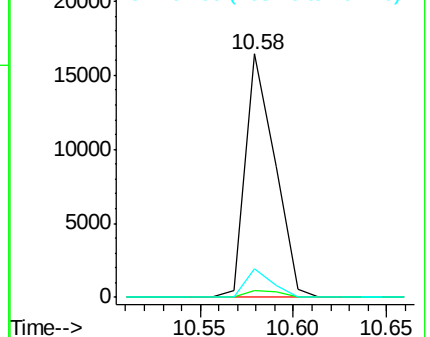
164 12.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.12 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.24 min

Lab File: BF077855.D

Acq: 20 Mar 2015 4:48

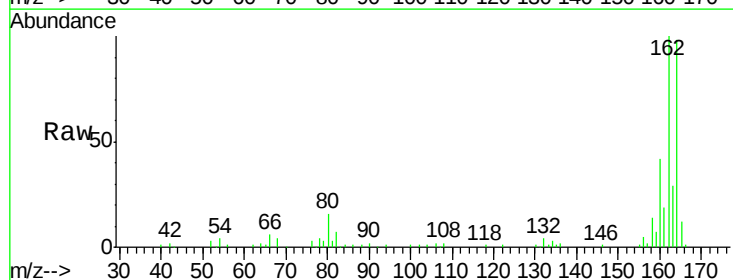
Tgt Ion:165 Resp: 10565

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

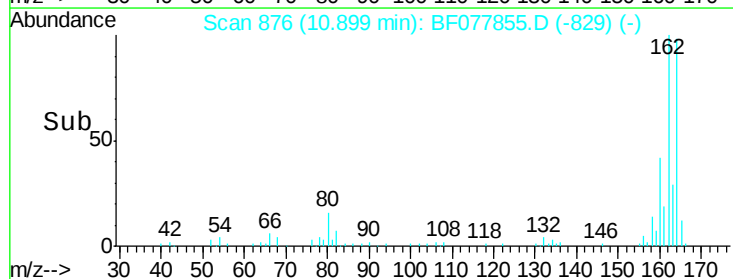
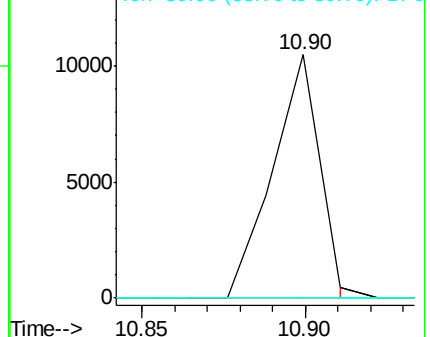
89 0.0 44.3 66.5#

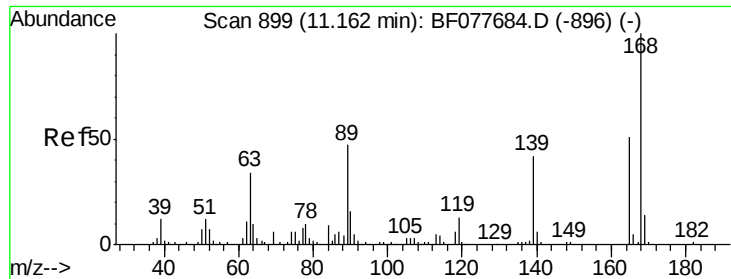


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

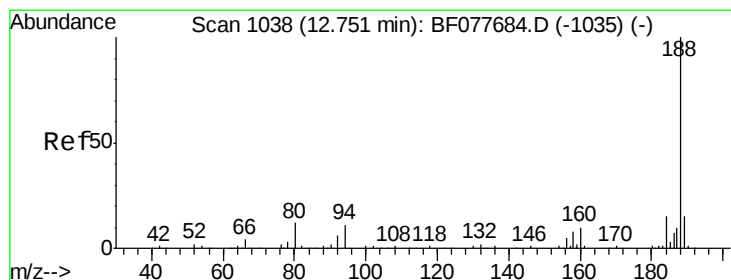
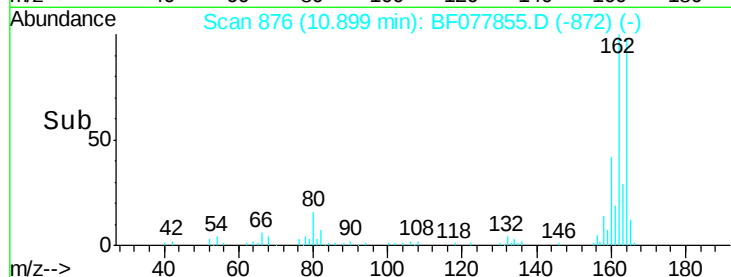
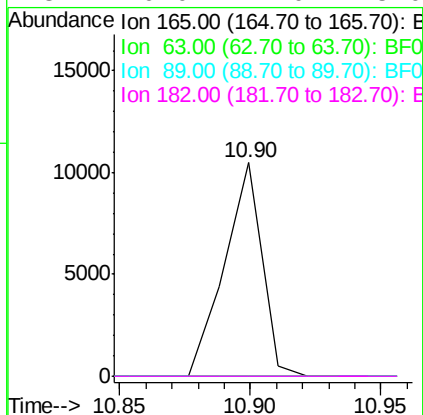
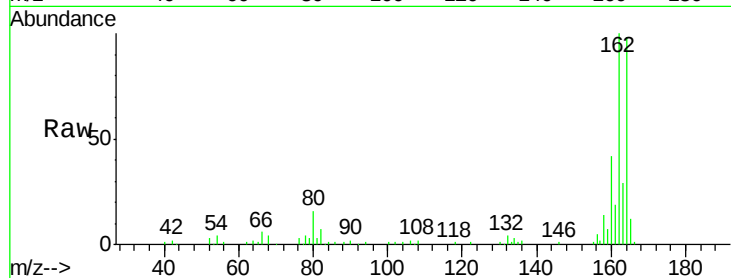




#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.25 min
 Lab File: BF077855.D
 Acq: 20 Mar 2015 4:48

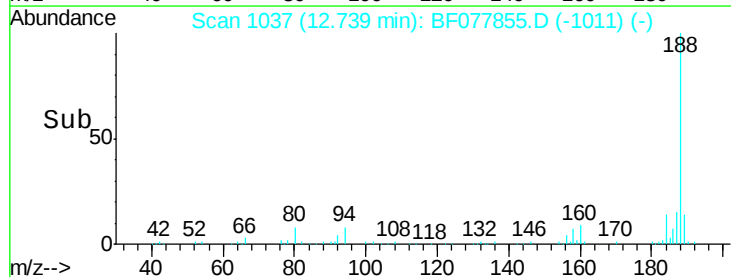
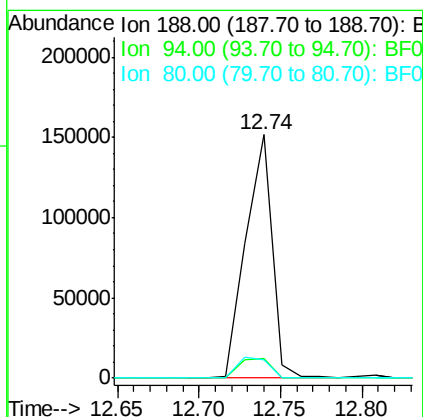
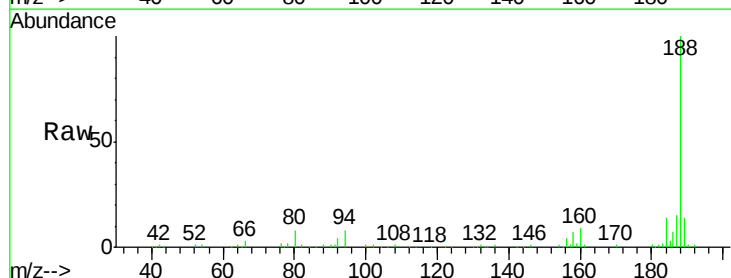
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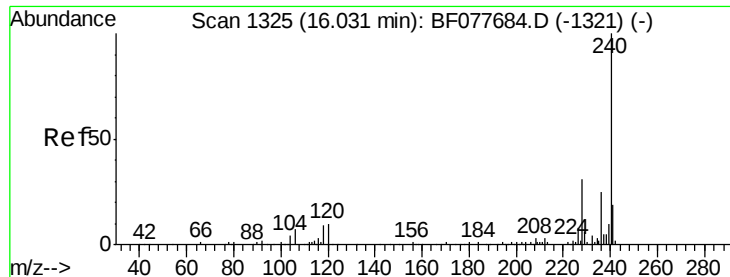
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF077855.D
 Acq: 20 Mar 2015 4:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	7.6	9.3	13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077855.D

Acq: 20 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015

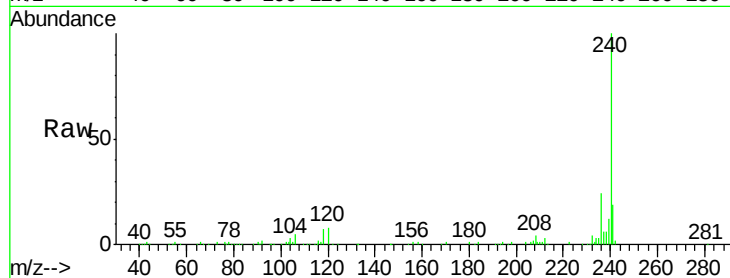
Tgt Ion:240 Resp: 182185

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

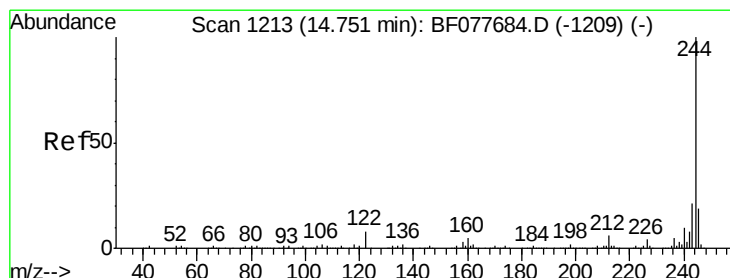
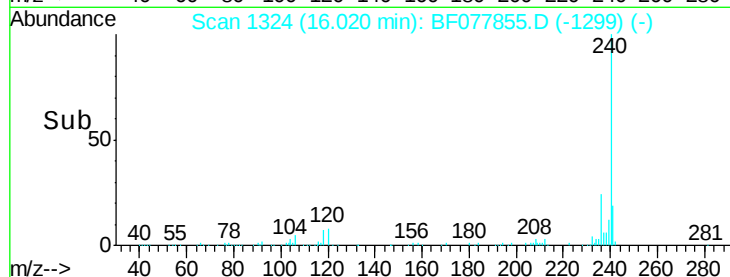
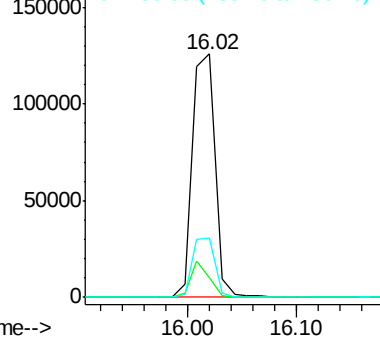
236 24.3 20.0 30.0



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: 75.49 ng

RT: 14.73 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF077855.D

Acq: 20 Mar 2015 4:48

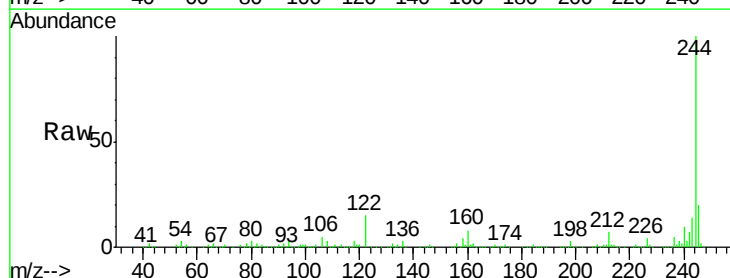
Tgt Ion:244 Resp: 563068

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

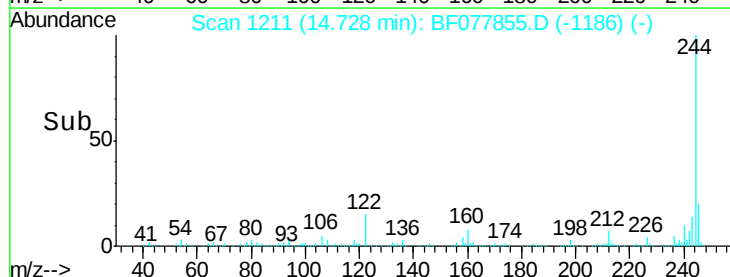
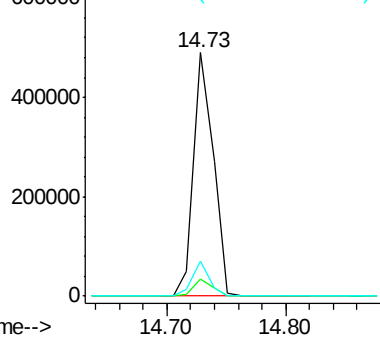
122 14.6 6.2 9.4#

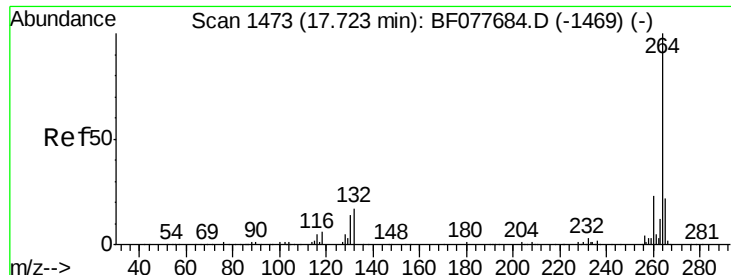


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

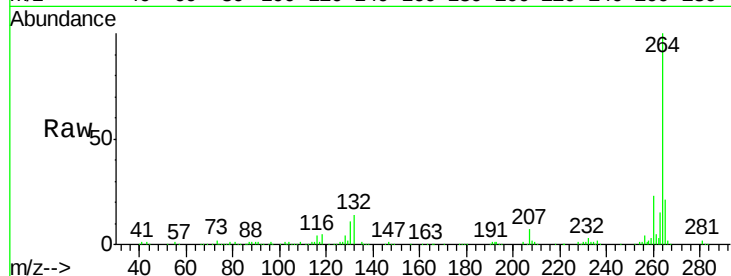




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.06 min
Lab File: BF077855.D
Acq: 20 Mar 2015 4:48

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tgt Ion: 264 Resp: 173133
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.8 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

