

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077904.D
 Acq On : 23 Mar 2015 19:52
 Operator : TP/IZ
 Sample : G1613-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Mar 24 01:41:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

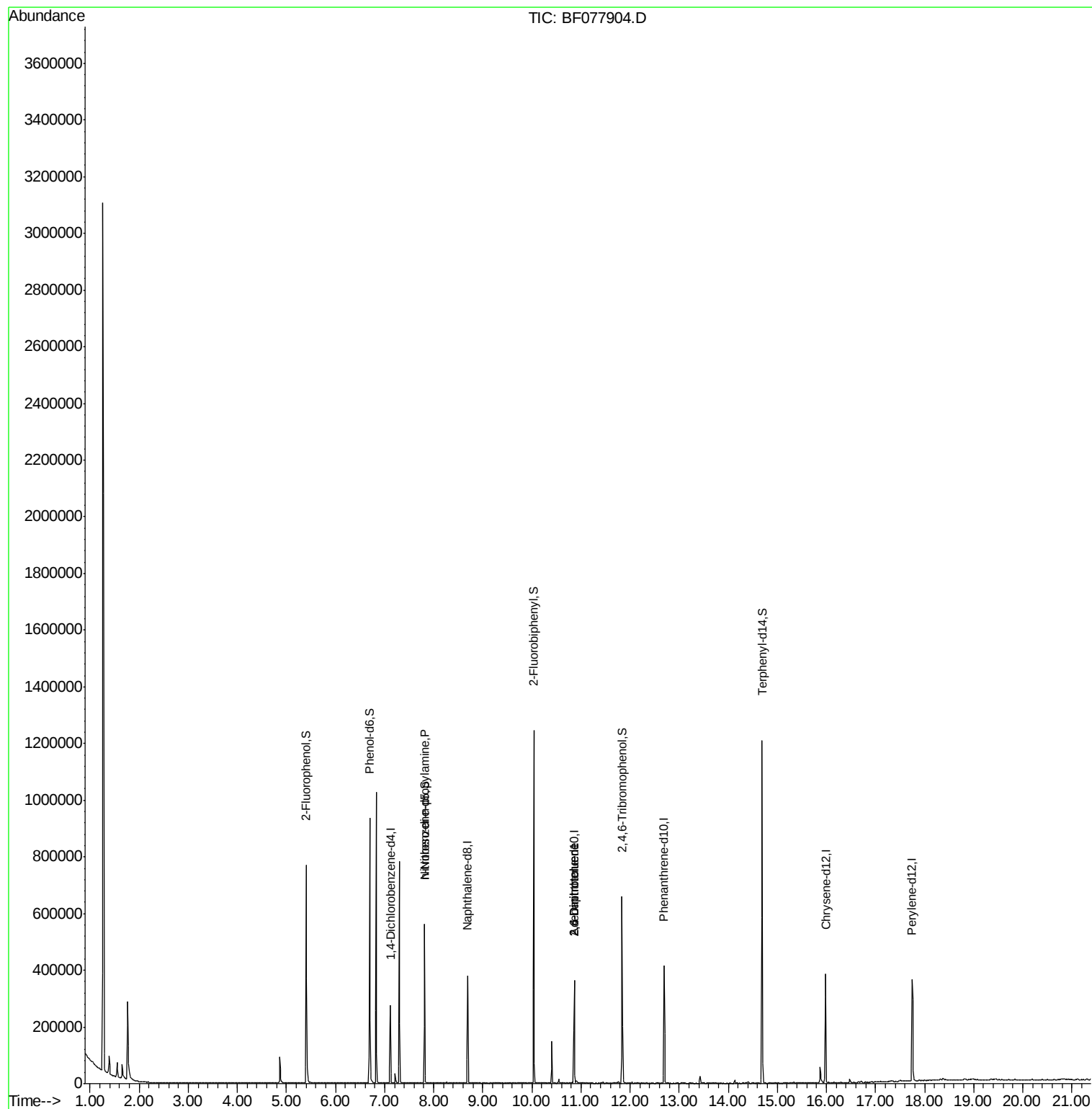
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43935	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	177004	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	87234	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	178018	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	198052	20.00	ng	-0.02
86) Perylene-d12	17.75	264	195425	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	268504	106.68	ng	0.00
7) Phenol-d6	6.69	99	334438	107.54	ng	0.00
23) Nitrobenzene-d5	7.81	82	190679	70.62	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	80755	96.75	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	404737	68.19	ng	0.00
78) Terphenyl-d14	14.69	244	465570	57.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	24646	11.46	ng	# 78
50) 2,6-Dinitrotoluene	10.86	165	11057	8.24	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	11054	6.32	ng	# 11
76) Benzidine	14.40	184	2257	Below Cal		# 68

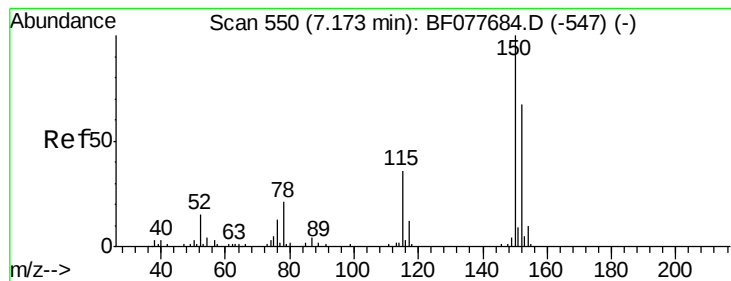
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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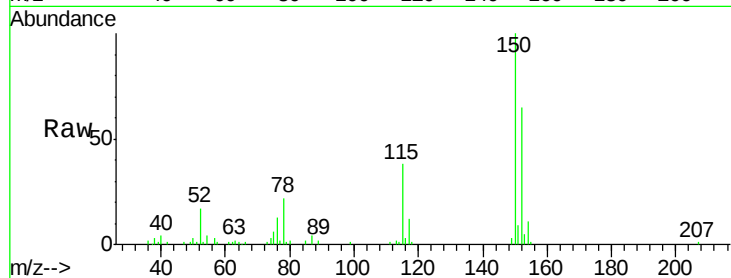


#1

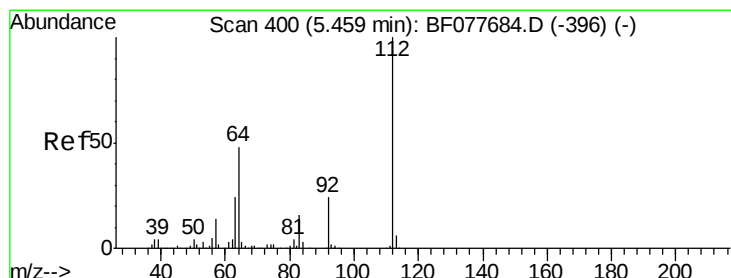
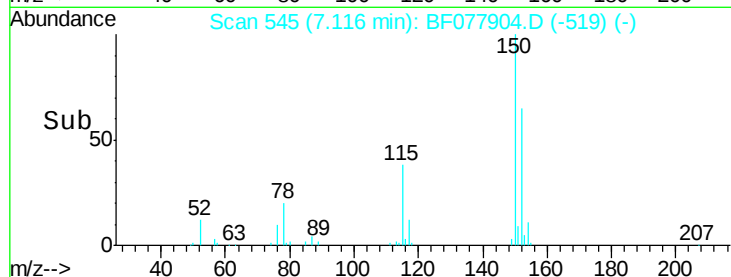
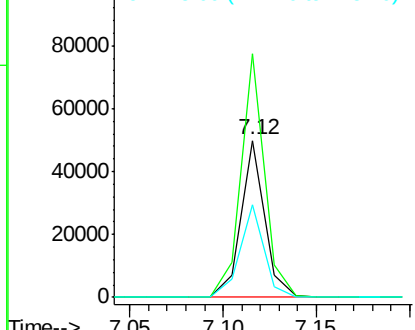
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077904.D
Acq: 23 Mar 2015 19:52

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:152 Resp: 43935
Ion Ratio Lower Upper
152 100
150 154.9 119.5 179.3
115 59.3 43.0 64.4



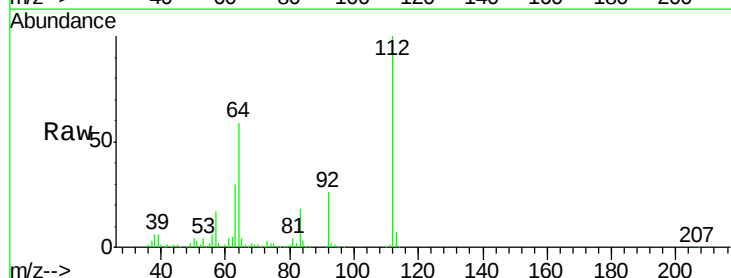
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



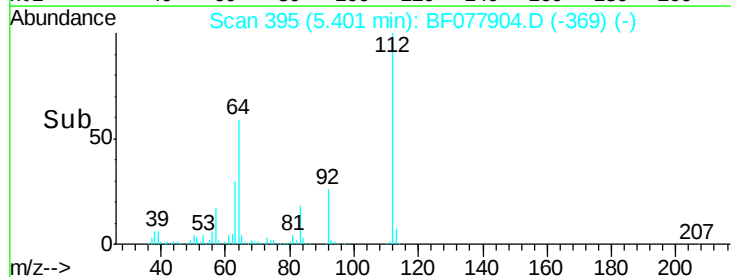
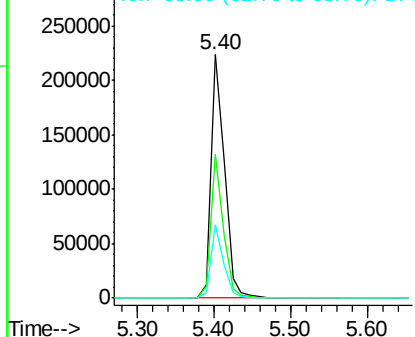
#5

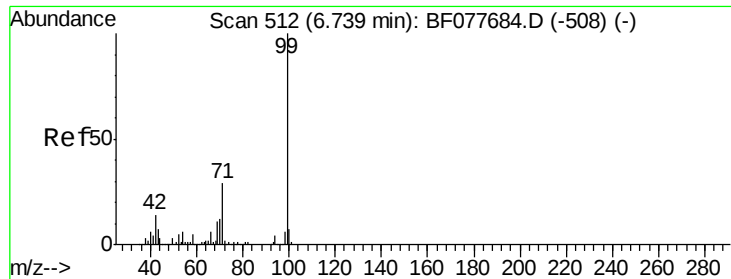
2-Fluorophenol
Concen: 106.68 ng
RT: 5.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF077904.D
Acq: 23 Mar 2015 19:52

Tgt Ion:112 Resp: 268504
Ion Ratio Lower Upper
112 100
64 58.9 38.6 57.8#
63 30.1 19.3 28.9#



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: 107.54 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077904.D

Acq: 23 Mar 2015 19:52

Instrument :

BNA_F

ClientSampleId :

SB-7

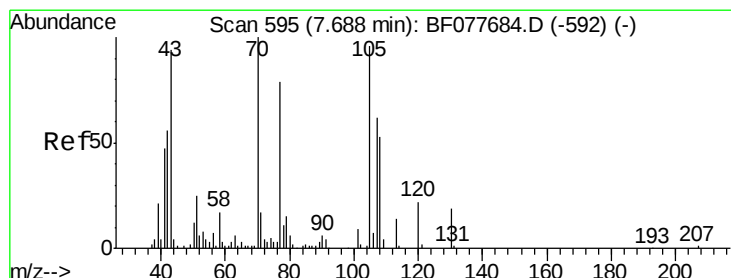
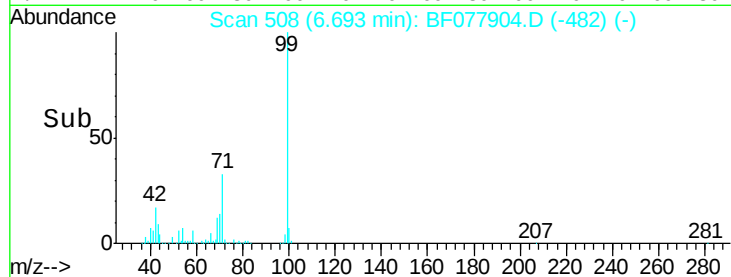
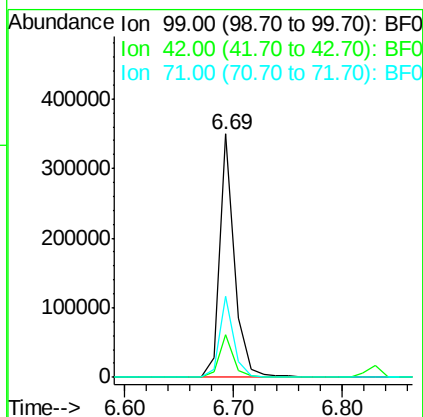
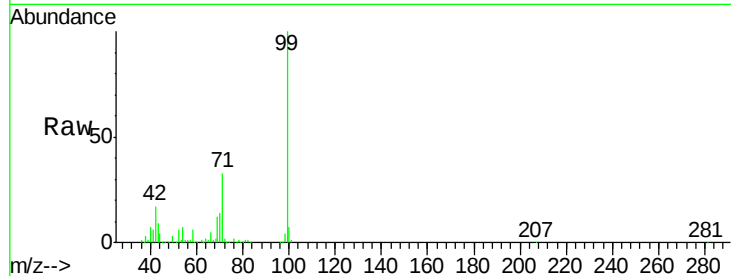
Tgt Ion: 99 Resp: 334438

Ion Ratio Lower Upper

99 100

42 17.3 11.0 16.4#

71 33.2 23.4 35.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.46 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077904.D

Acq: 23 Mar 2015 19:52

Tgt Ion: 70 Resp: 24646

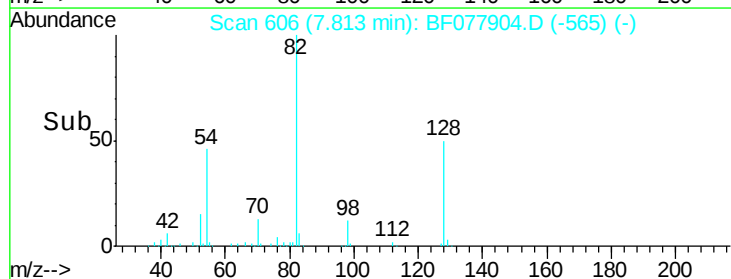
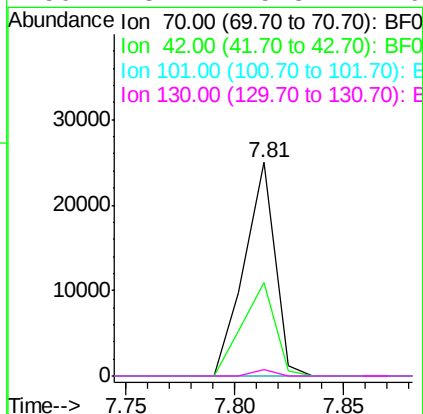
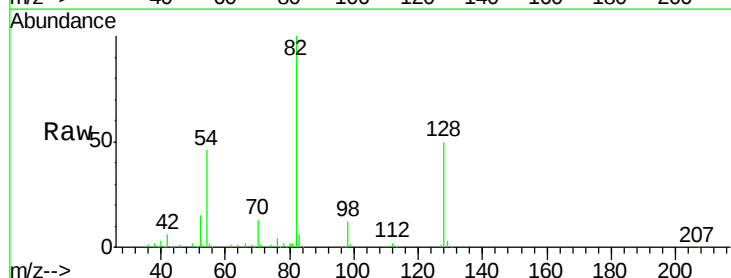
Ion Ratio Lower Upper

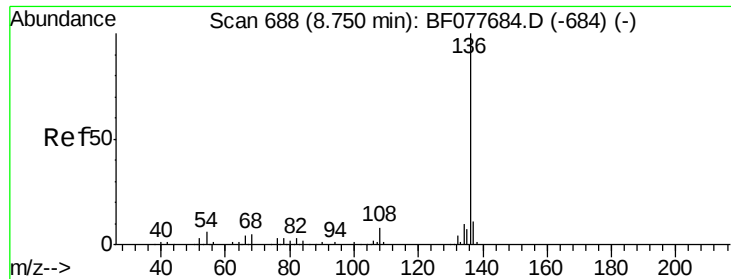
70 100

42 43.5 44.5 66.7#

101 0.0 7.4 11.2#

130 3.1 15.3 22.9#

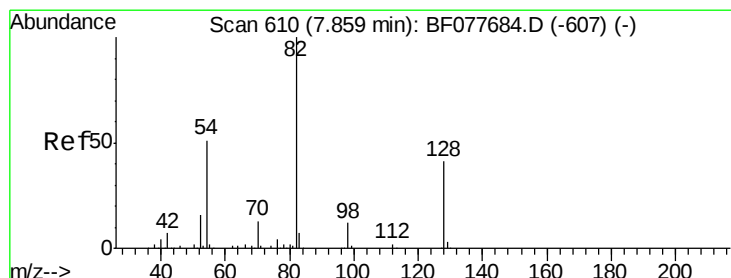
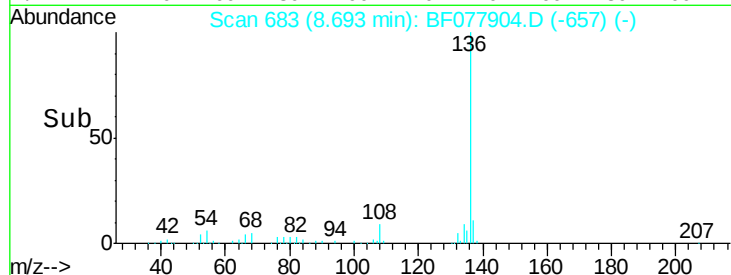
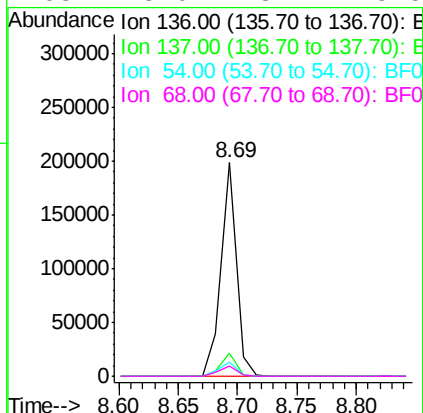
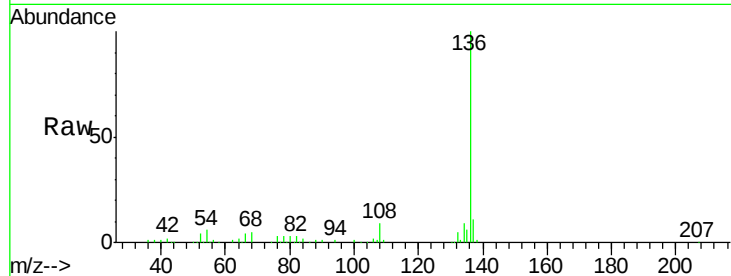




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077904.D
Acq: 23 Mar 2015 19:52

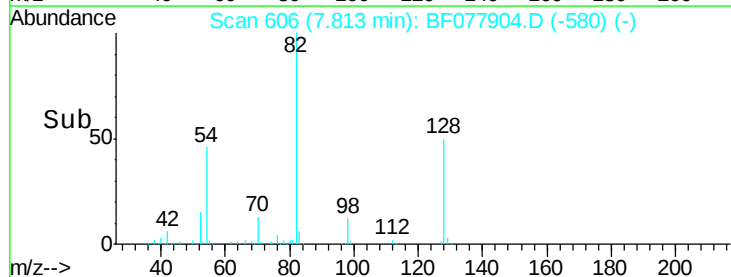
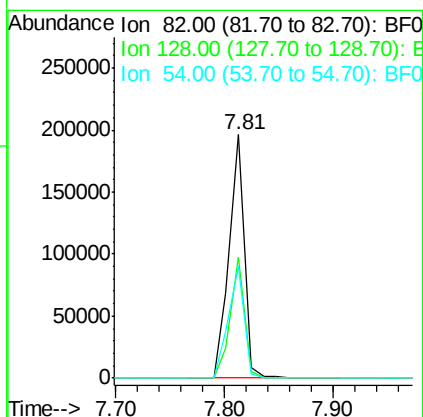
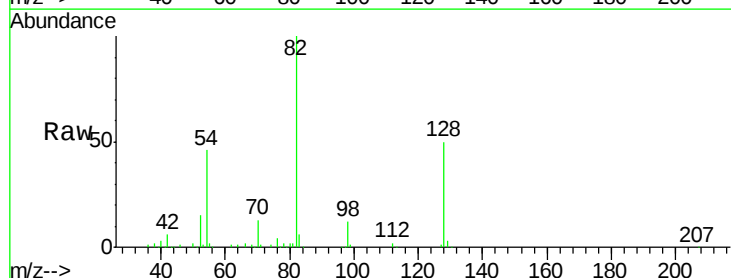
Instrument :
BNA_F
ClientSampleId :
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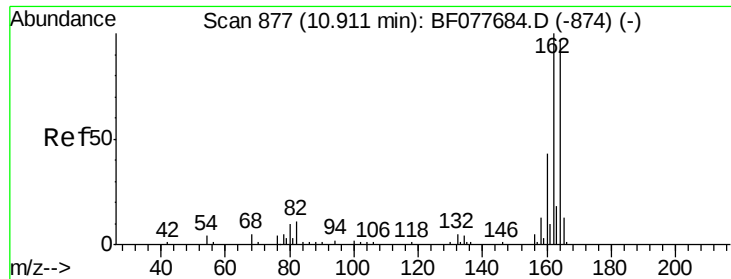
Tgt Ion:	136	Resp:	177004
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.5	4.6	6.8
68	5.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: 70.62 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077904.D
Acq: 23 Mar 2015 19:52

Tgt Ion:	82	Resp:	190679
Ion	Ratio	Lower	Upper
82	100		
128	49.8	32.8	49.2#
54	45.9	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077904.D

Acq: 23 Mar 2015 19:52

Instrument :

BNA_F

ClientSampleId :

SB-7

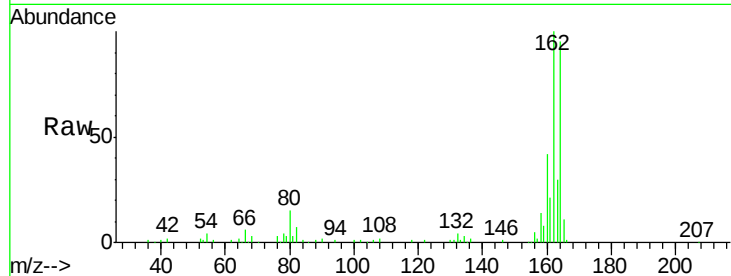
Tgt Ion:164 Resp: 87234

Ion Ratio Lower Upper

164 100

162 104.8 82.4 123.6

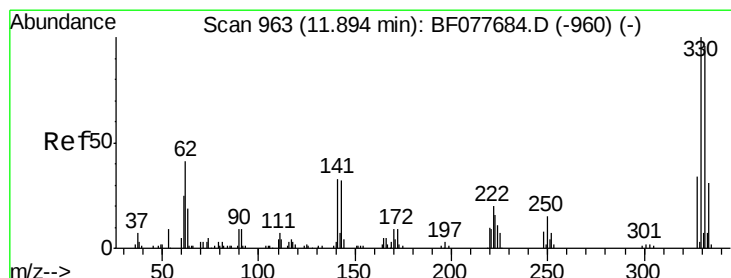
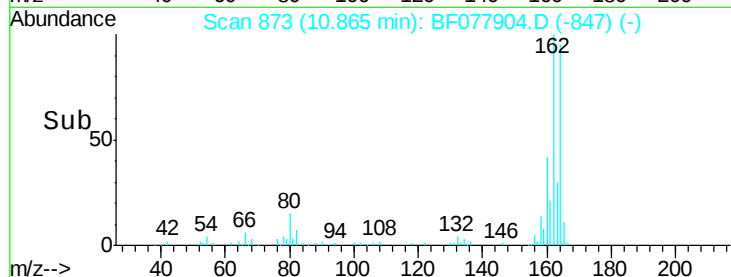
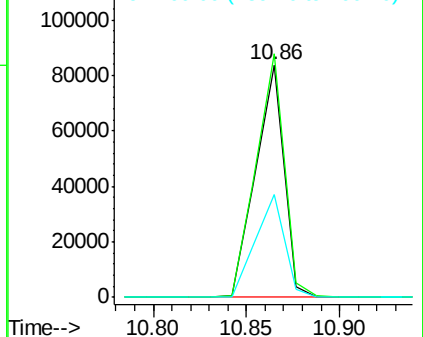
160 44.2 35.8 53.6



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: 96.75 ng

RT: 11.84 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF077904.D

Acq: 23 Mar 2015 19:52

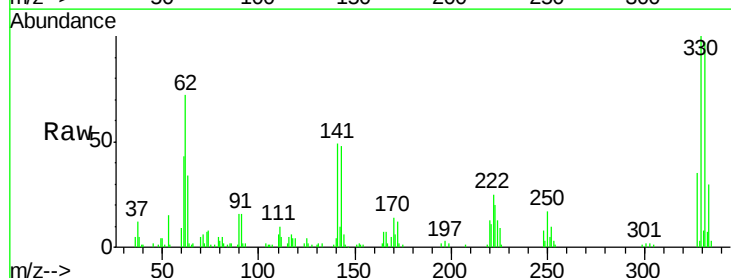
Tgt Ion:330 Resp: 80755

Ion Ratio Lower Upper

330 100

332 95.3 0.0 0.0#

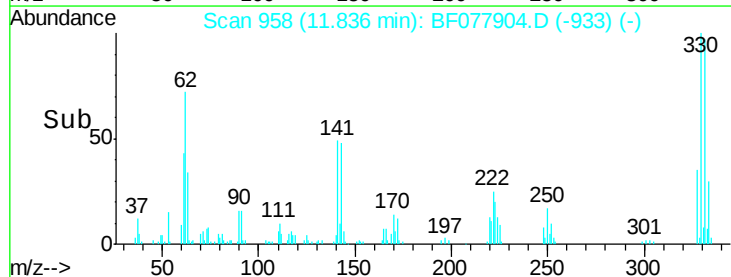
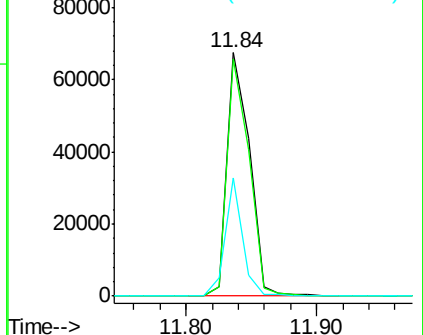
141 37.9 0.0 0.0#

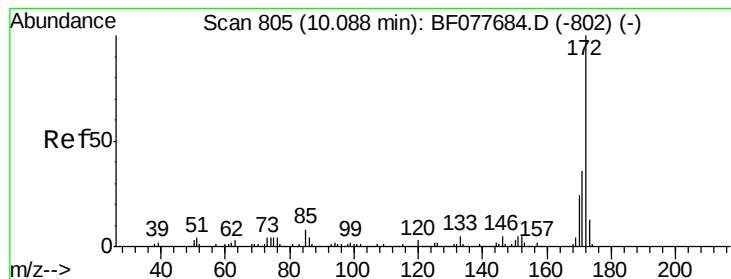


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

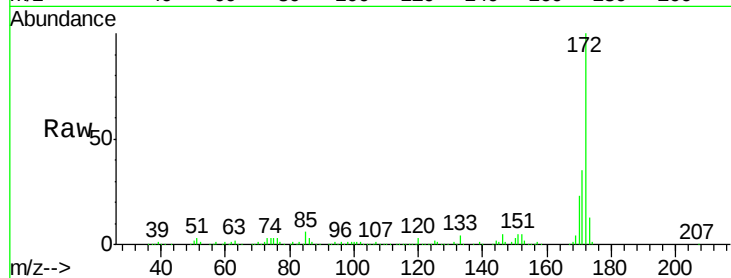




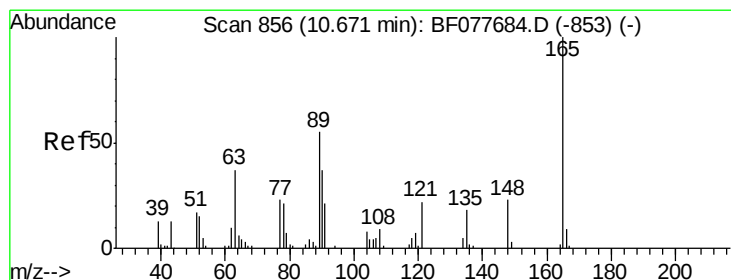
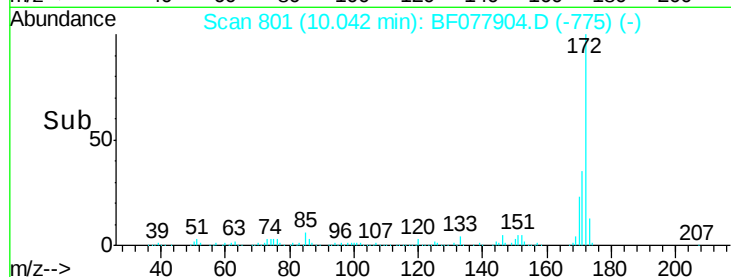
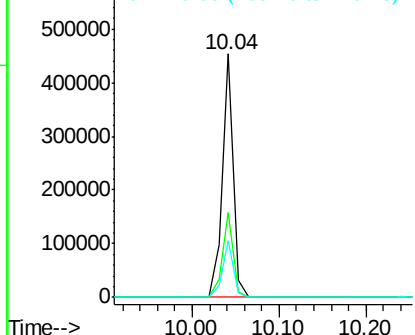
#44
 2-Fluorobiphenyl
 Concen: 68.19 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077904.D
 Acq: 23 Mar 2015 19:52

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Tgt Ion:172 Resp: 404737
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.2 18.8 28.2

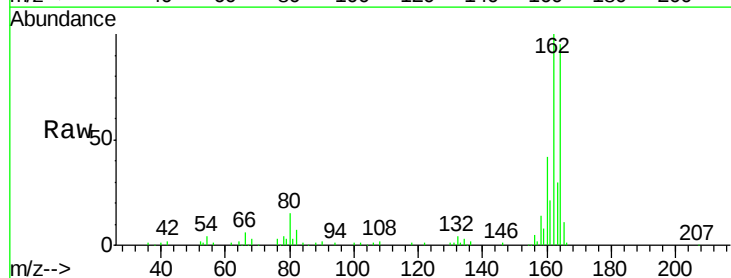


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

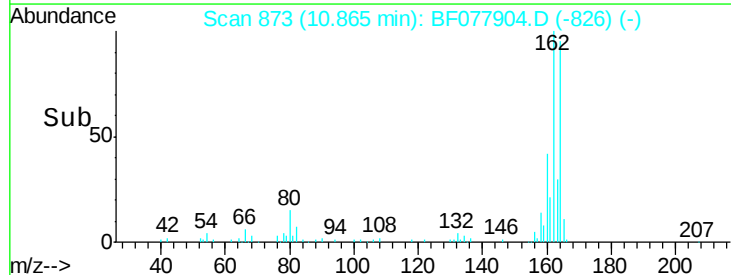
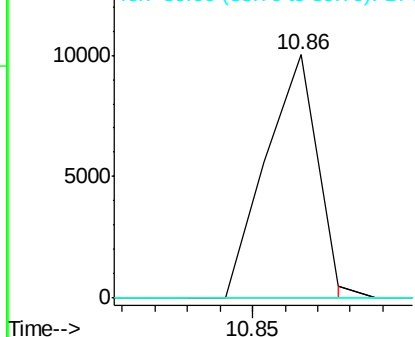


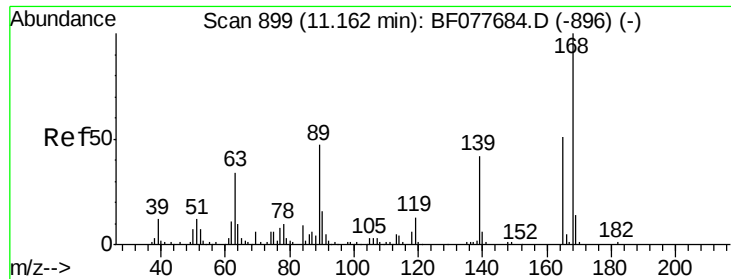
#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077904.D
 Acq: 23 Mar 2015 19:52

Tgt Ion:165 Resp: 11057
 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

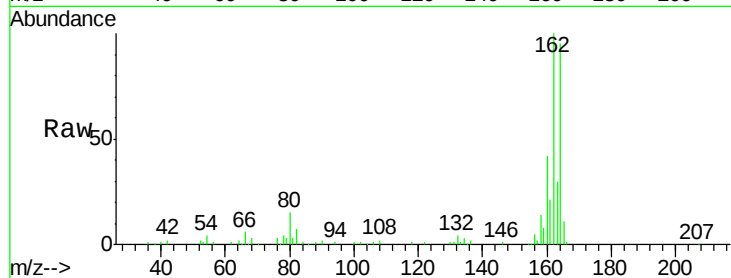




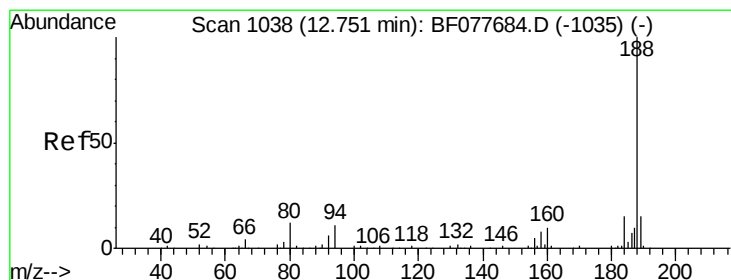
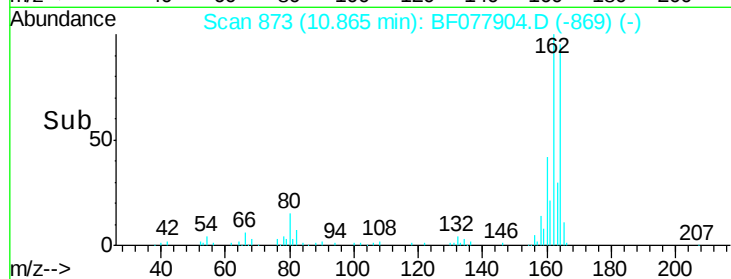
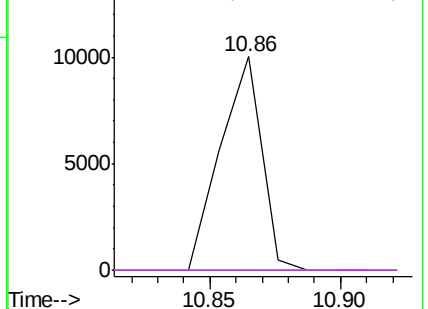
#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077904.D
 Acq: 23 Mar 2015 19:52

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Tgt Ion:165 Resp: 11054
 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#

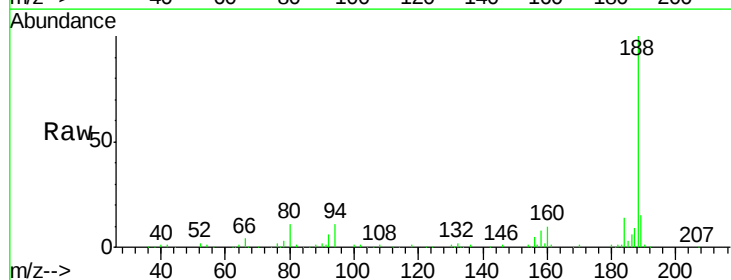


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

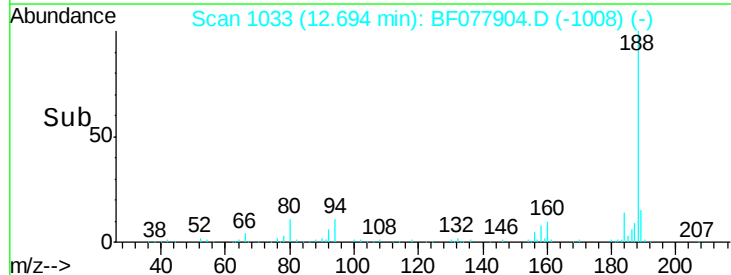
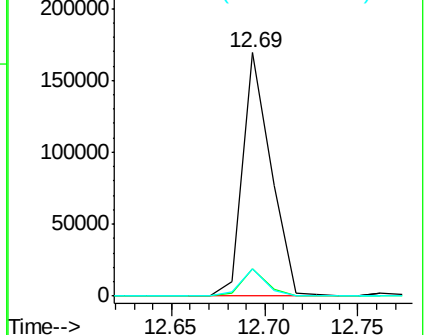


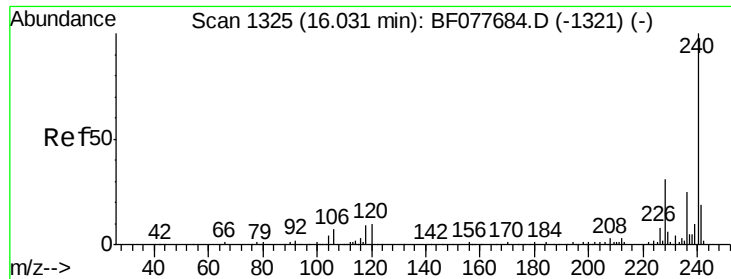
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF077904.D
 Acq: 23 Mar 2015 19:52

Tgt Ion:188 Resp: 178018
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.7 13.1
 80 11.4 9.3 13.9



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

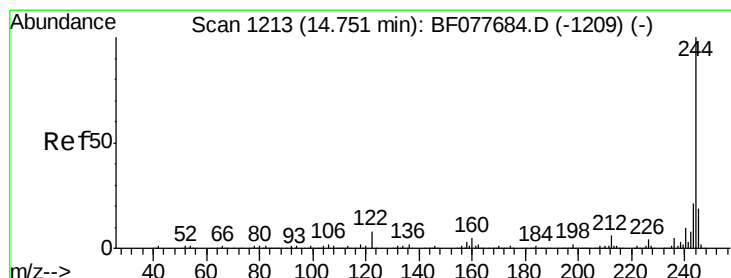
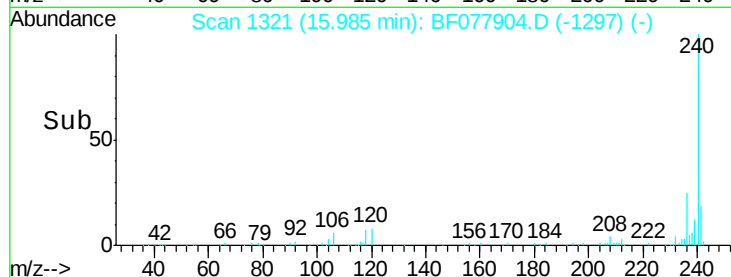
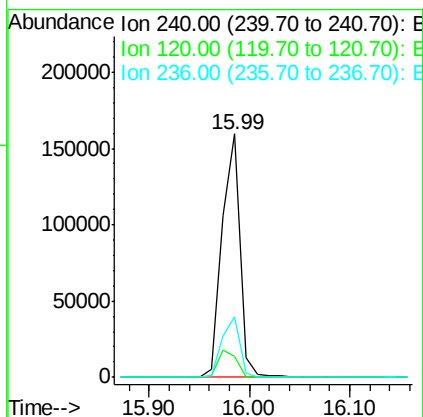
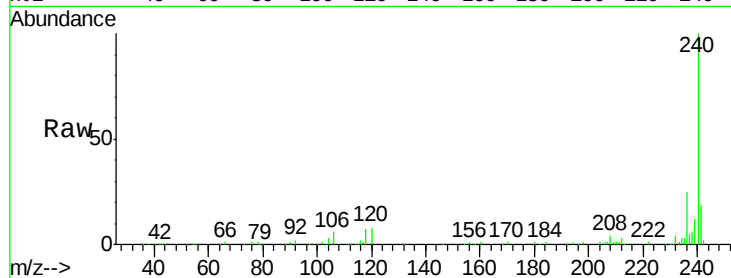




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077904.D
Acq: 23 Mar 2015 19:52

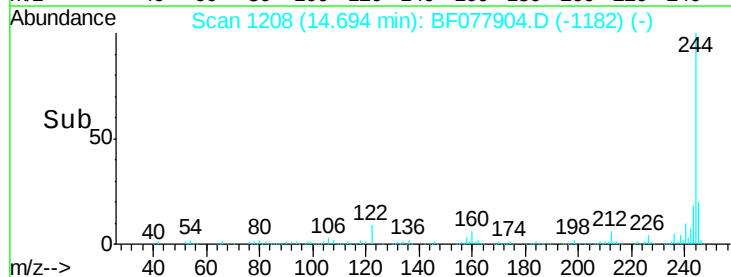
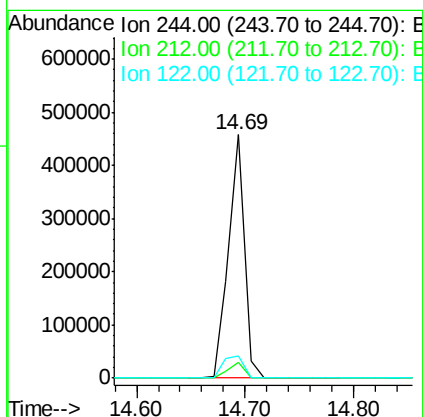
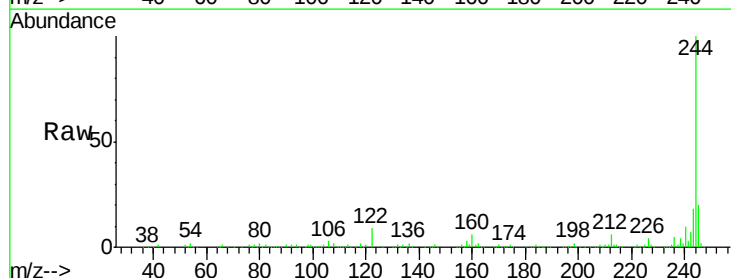
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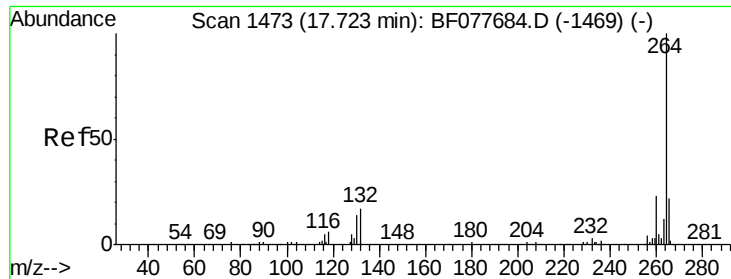
Tgt Ion:240 Resp: 198052
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 24.8 20.0 30.0



#78
Terphenyl-d14
Concen: 57.42 ng
RT: 14.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077904.D
Acq: 23 Mar 2015 19:52

Tgt Ion:244 Resp: 465570
Ion Ratio Lower Upper
244 100
212 6.5 4.9 7.3
122 9.0 6.2 9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.08 min
Lab File: BF077904.D
Acq: 23 Mar 2015 19:52

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion: 264 Resp: 195425
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 21.6 17.3 25.9

