

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084948.D
 Acq On : 9 Feb 2016 13:26
 Operator : SJ/IZ
 Sample : H1377-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3

Quant Time: Feb 10 03:21:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

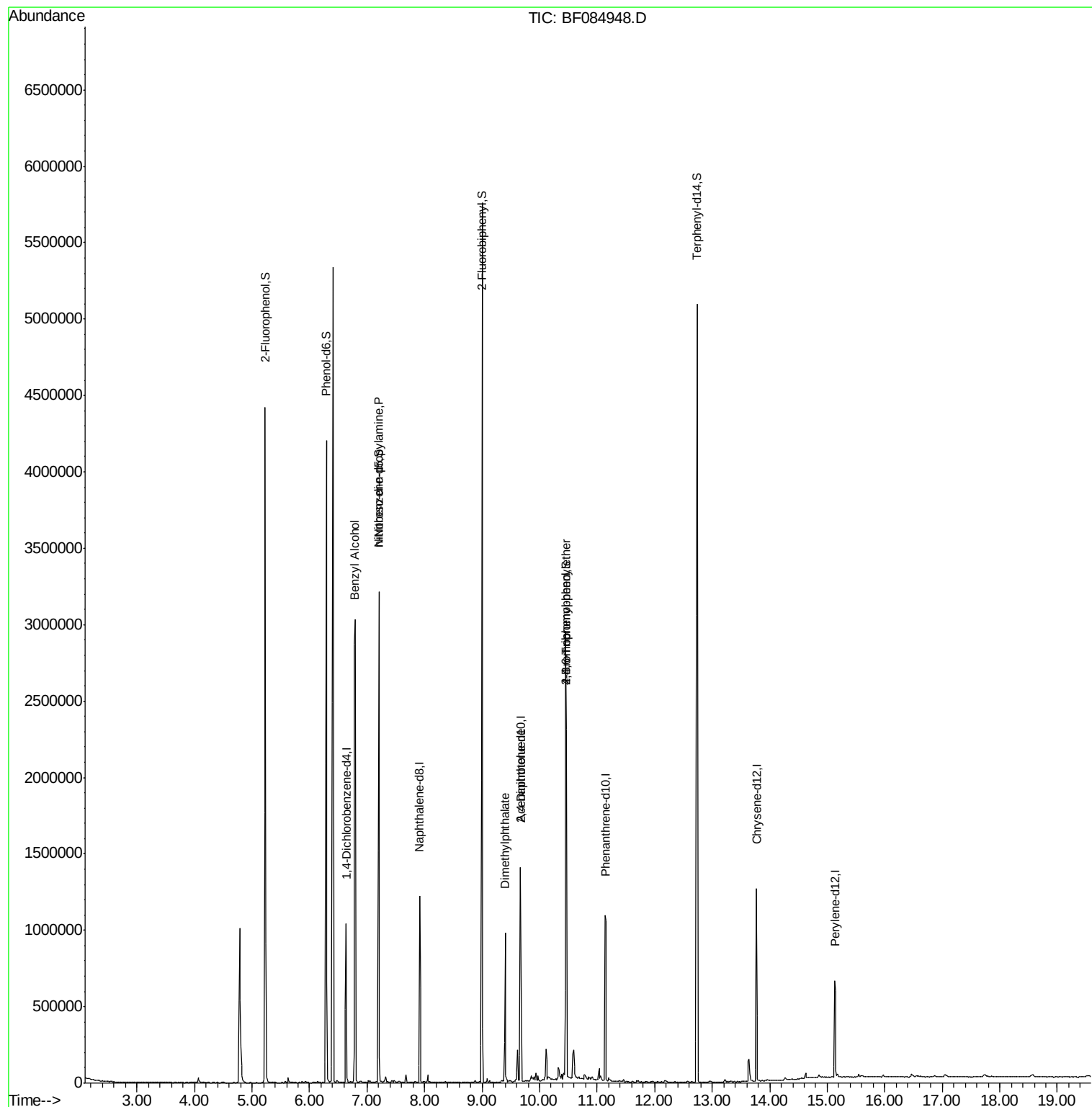
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	172778	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	668022	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	309627	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	604272	20.00	ng	-0.06
75) Chrysene-d12	13.77	240	450119	20.00	ng	-0.07
86) Perylene-d12	15.14	264	351552	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1379464	124.36	ng	-0.05
7) Phenol-d6	6.29	99	1676639	121.92	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1156483	97.52	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	557599	172.65	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1813497	108.84	ng	-0.06
78) Terphenyl-d14	12.74	244	1886065	94.95	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.78	79	20270	2.13	ng	# 48
19) n-Nitroso-di-n-propylamine	7.21	70	162146	18.81	ng	# 70
49) Dimethylphthalate	9.40	163	392259	16.63	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	40994	6.24	ng	# 21
66) 4-Bromophenyl-phenylether	10.46	248	32359	4.85	ng	# 1

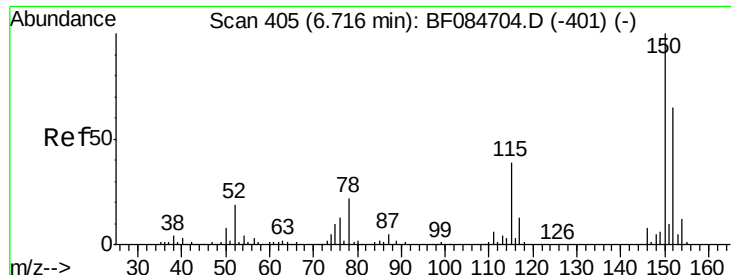
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084948.D

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BNA_F

ClientSampleId :

SB03-2-3

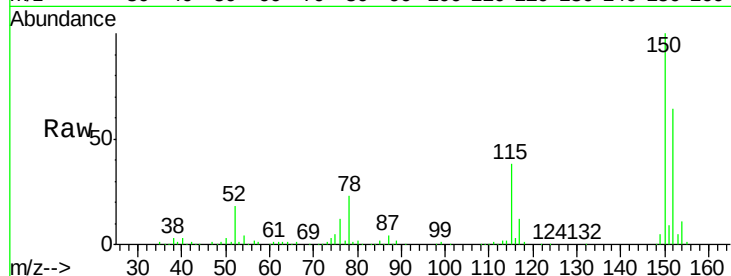
Tgt Ion:152 Resp: 172778

Ion Ratio Lower Upper

152 100

150 155.1 123.0 184.4

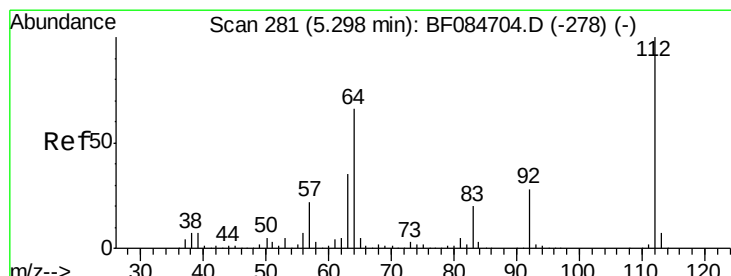
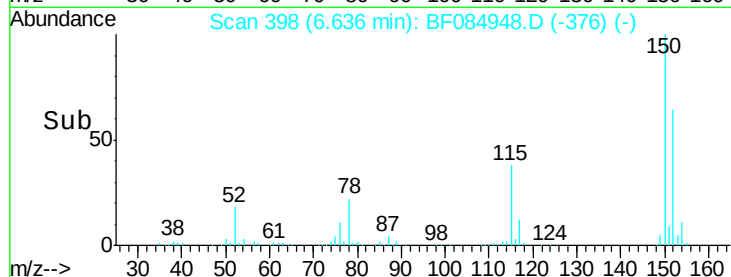
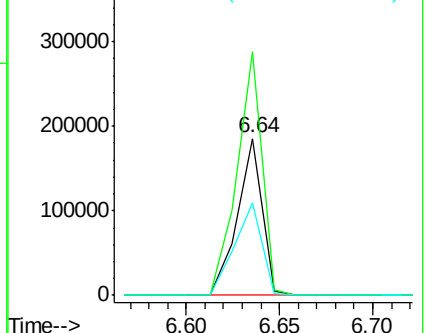
115 58.7 51.4 77.2



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: 124.36 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

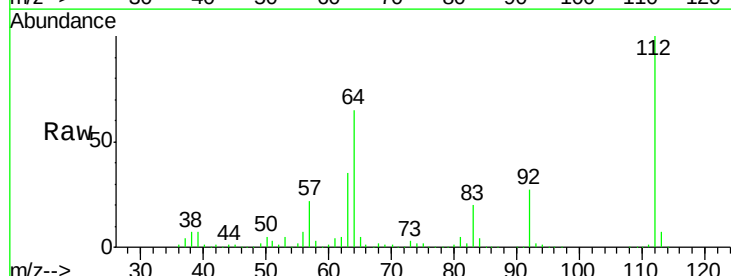
Tgt Ion:112 Resp: 1379464

Ion Ratio Lower Upper

112 100

64 64.9 36.6 55.0#

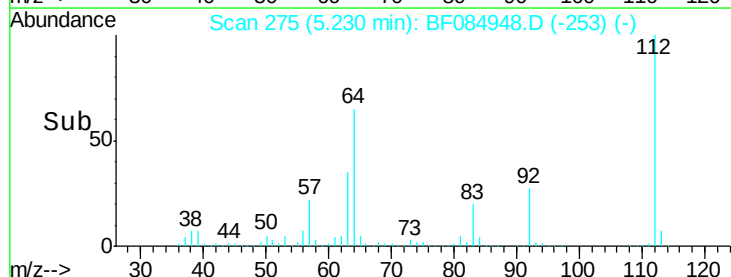
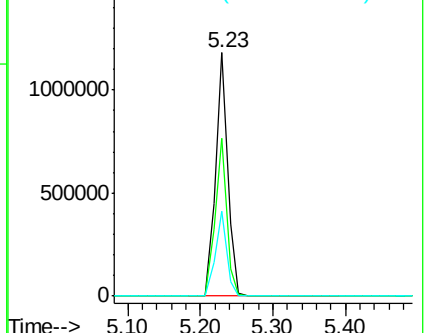
63 34.9 19.4 29.0#

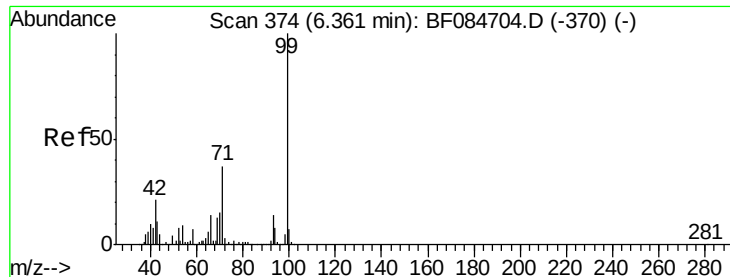


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.92 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

Instrument :

BNA_F

ClientSampleId :

SB03-2-3

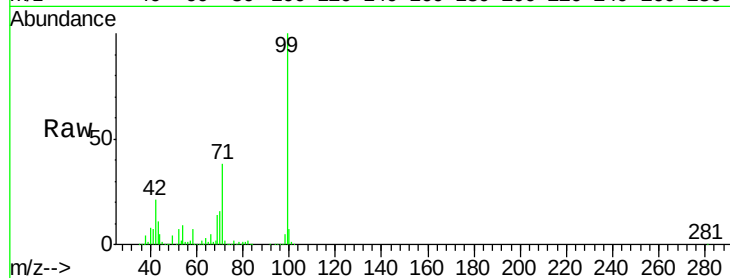
Tgt Ion: 99 Resp: 1676639

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

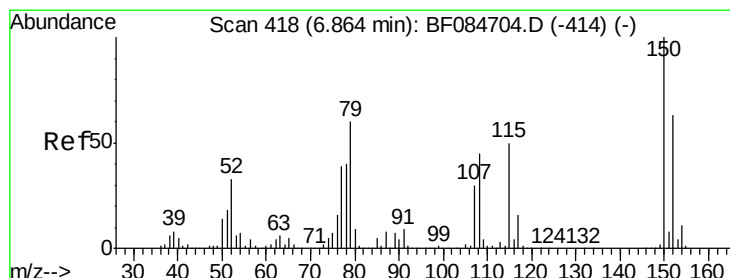
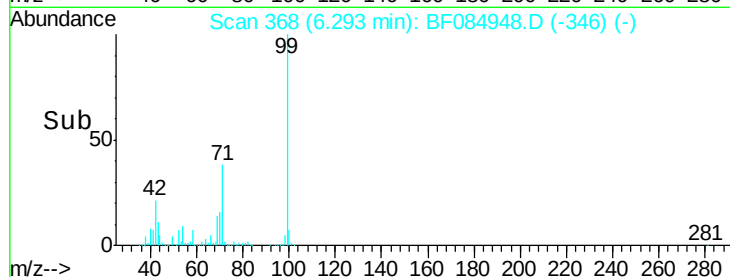
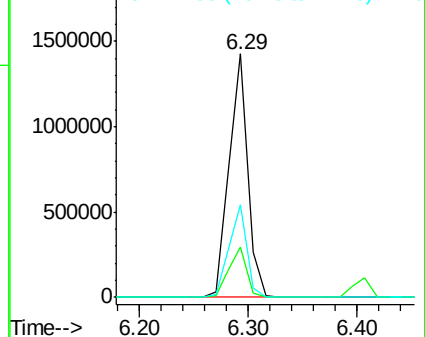
71 38.2 30.9 46.3



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: 2.13 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084948.D

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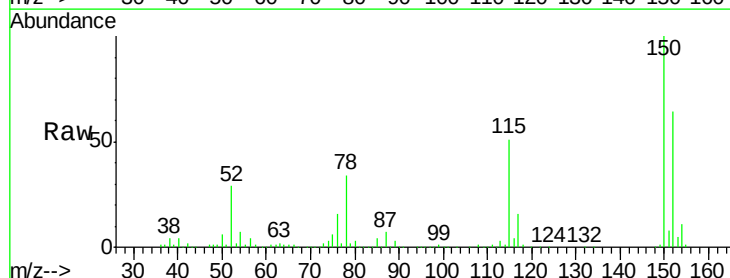
Tgt Ion: 79 Resp: 20270

Ion Ratio Lower Upper

79 100

108 25.1 69.0 103.4#

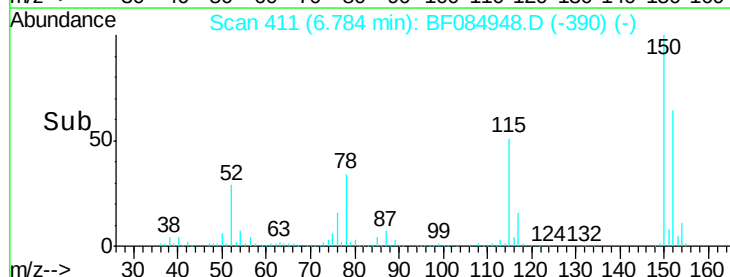
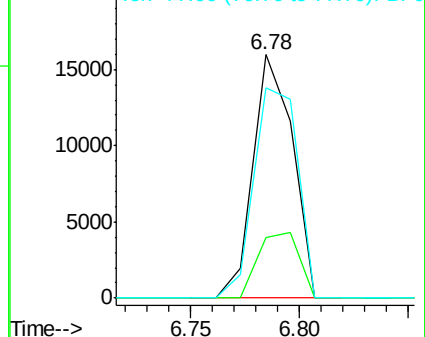
77 86.6 50.0 75.0#

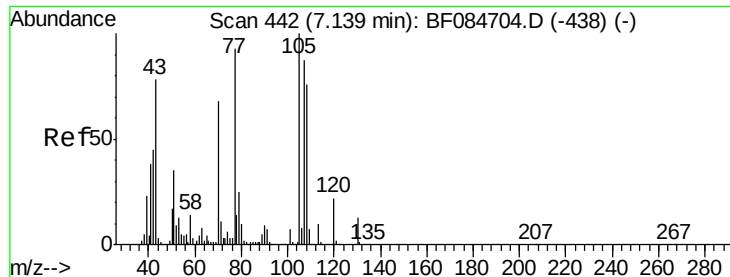


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

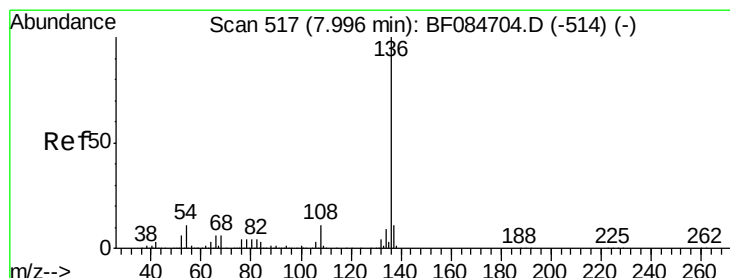
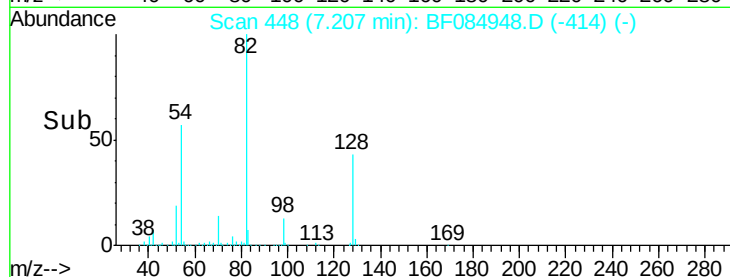
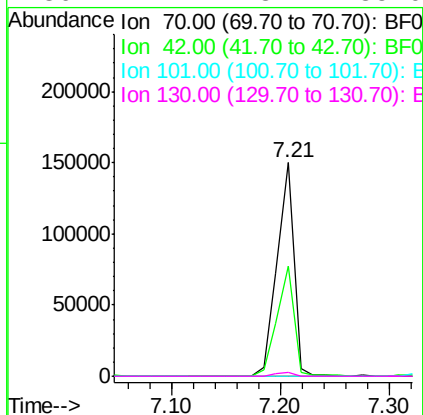
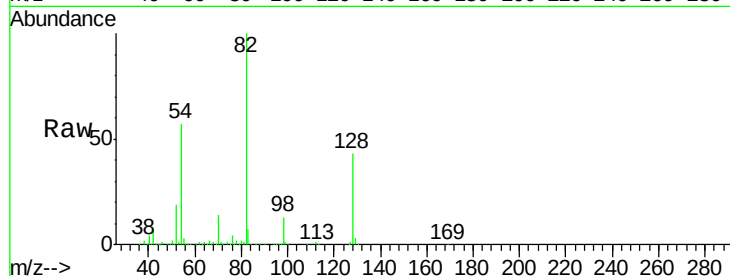




#19
n-Nitroso-di-n-propylamine
Concen: 18.81 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.09 min
Lab File: BF084948.D
Acq: 9 Feb 2016 13:26

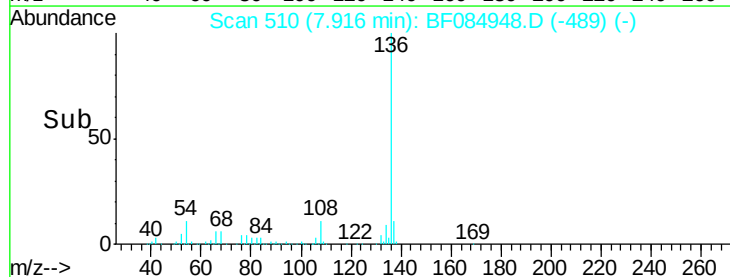
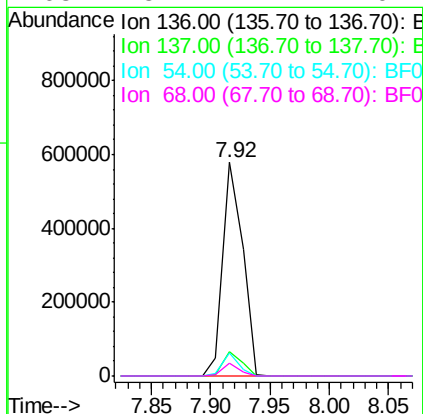
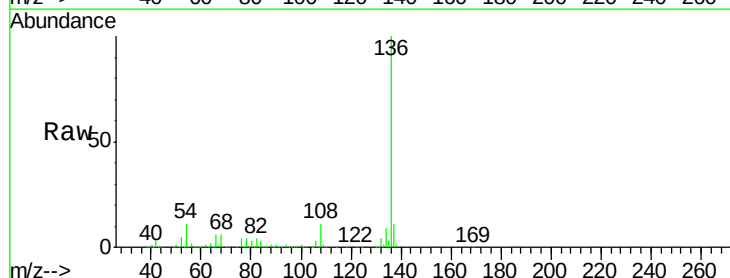
Instrument :
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SB03-2-3

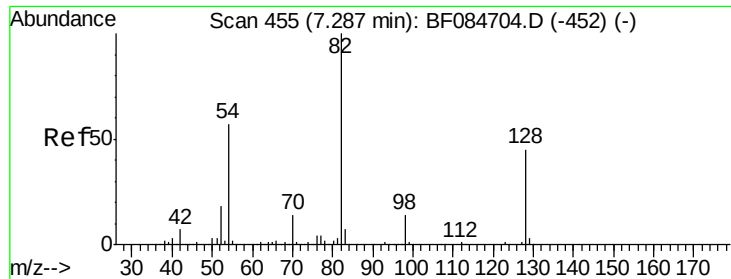
Tgt Ion: 70 Resp: 162146
Ion Ratio Lower Upper
70 100
42 51.4 33.3 49.9#
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.06 min
Lab File: BF084948.D
Acq: 9 Feb 2016 13:26

Tgt Ion: 136 Resp: 668022
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.9 5.8 8.8#
68 5.7 4.2 6.2

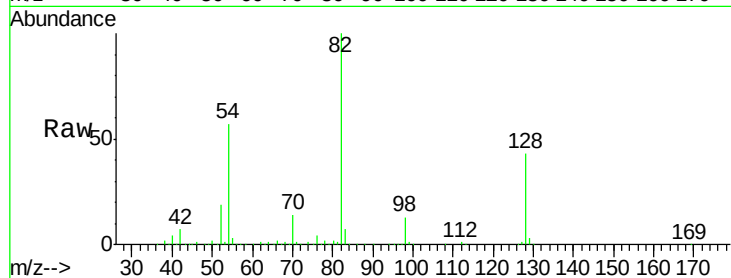




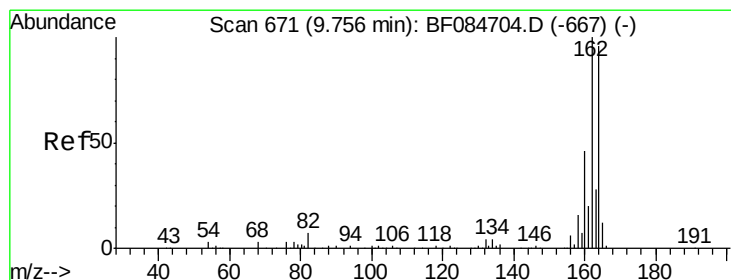
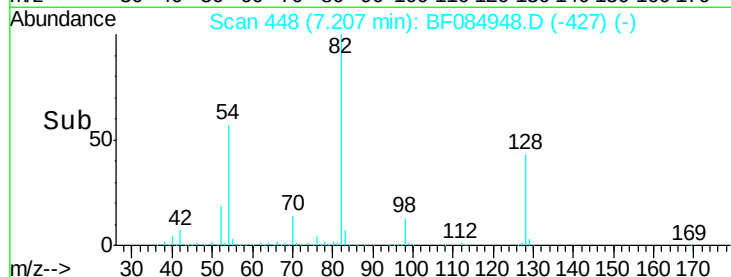
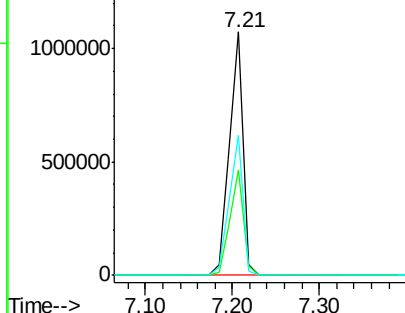
#23
 Nitrobenzene-d5
 Concen: 97.52 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084948.D
 Acq: 9 Feb 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3

Tgt Ion: 82 Resp: 1156483
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.6 51.8
 54 57.4 38.4 57.6

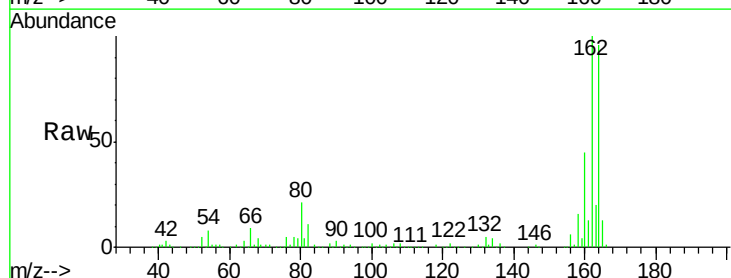


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

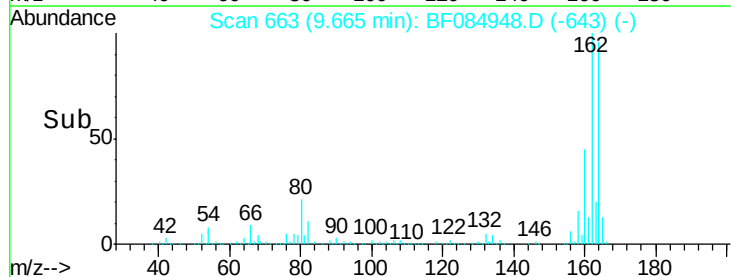
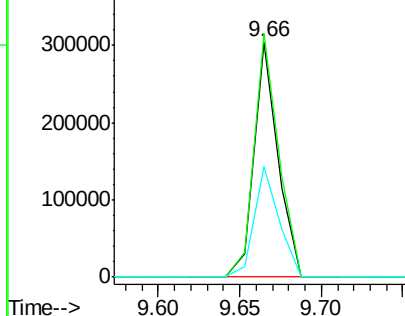


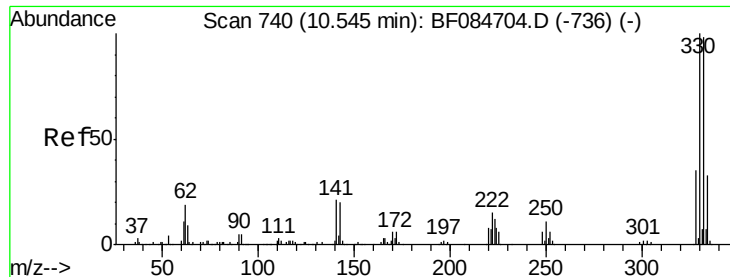
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084948.D
 Acq: 9 Feb 2016 13:26

Tgt Ion: 164 Resp: 309627
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 46.9 37.5 56.3



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

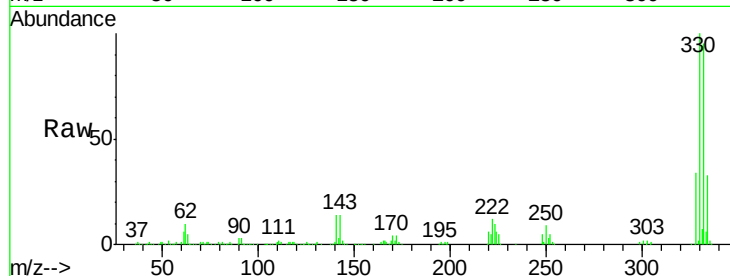




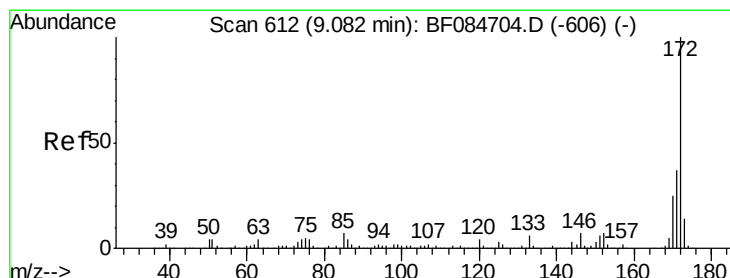
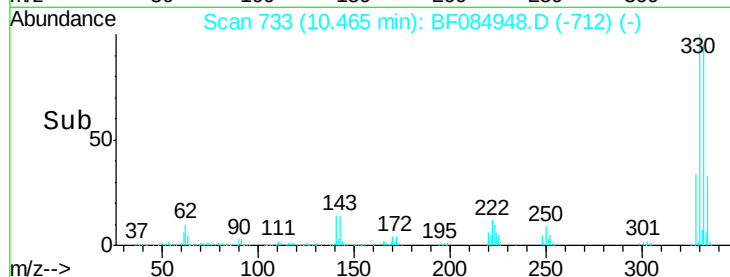
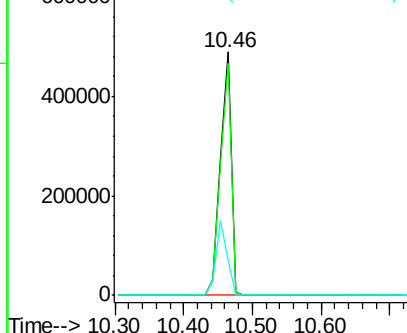
#41
 2,4,6-Tribromophenol
 Concen: 172.65 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084948.D
 Acq: 9 Feb 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3

Tgt Ion:330 Resp: 557599
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 31.3 27.8 41.6

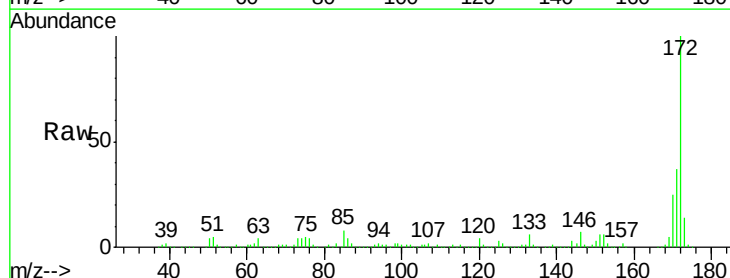


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

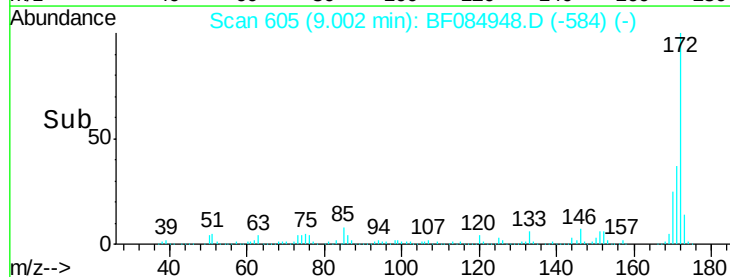
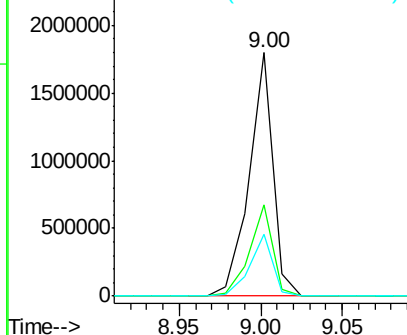


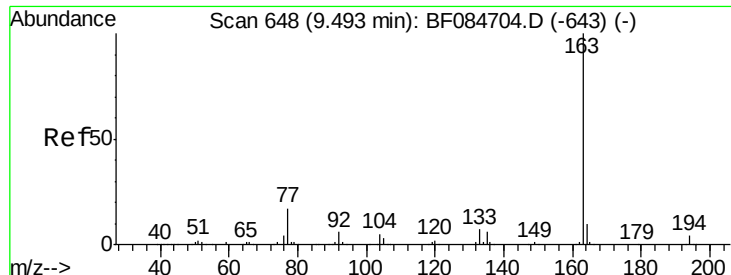
#44
 2-Fluorobiphenyl
 Concen: 108.84 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084948.D
 Acq: 9 Feb 2016 13:26

Tgt Ion:172 Resp: 1813497
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 25.5 18.6 27.8



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

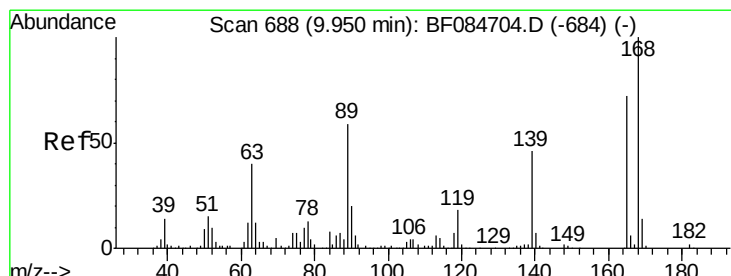
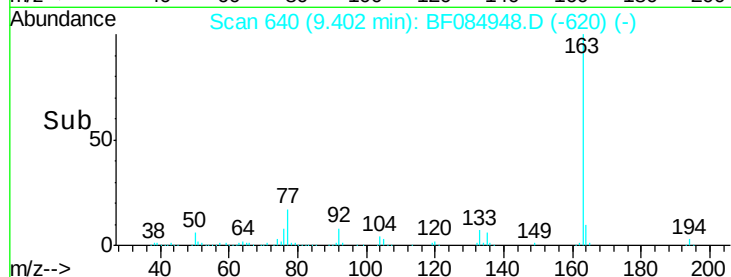
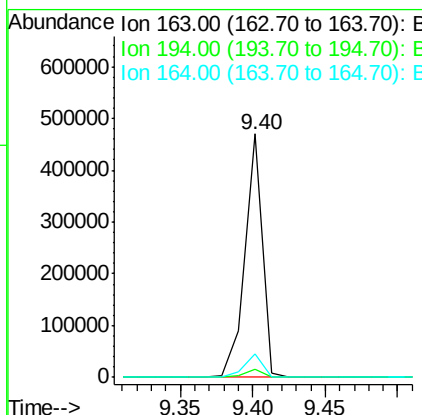
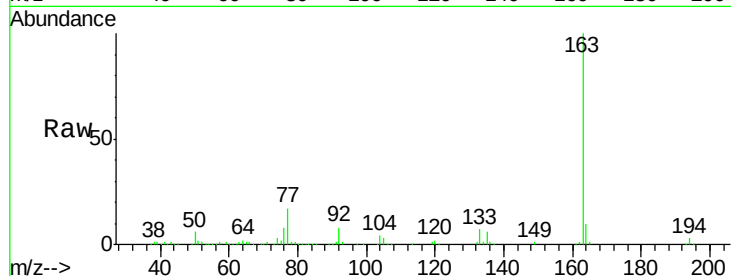




#49
Dimethylphthalate
Concen: 16.63 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084948.D
Acq: 9 Feb 2016 13:26

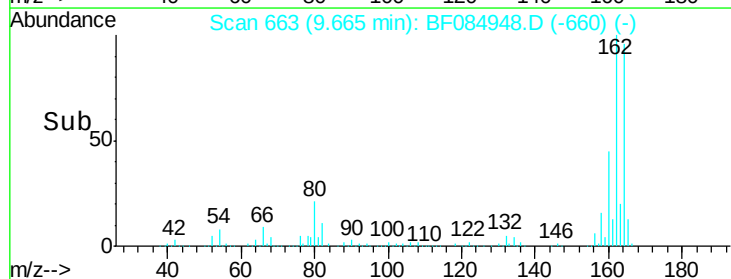
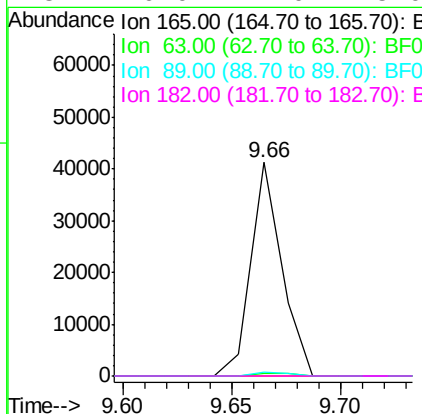
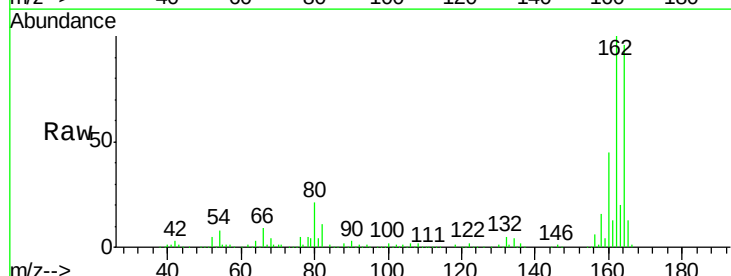
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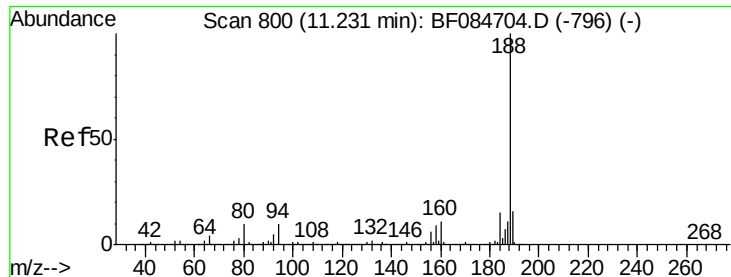
Tgt Ion:163 Resp: 392259
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 9.8 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.26 min
Lab File: BF084948.D
Acq: 9 Feb 2016 13:26

Tgt Ion:165 Resp: 40994
Ion Ratio Lower Upper
165 100
63 1.2 36.7 55.1#
89 1.5 61.9 92.9#
182 0.0 2.0 3.0#

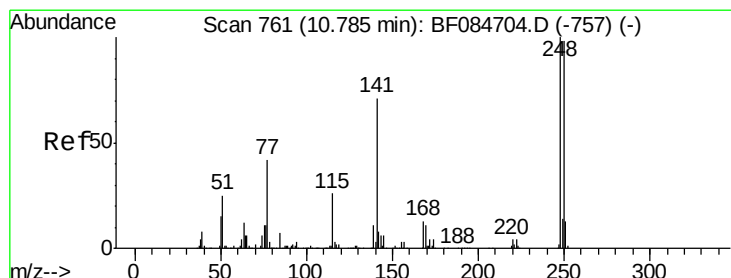
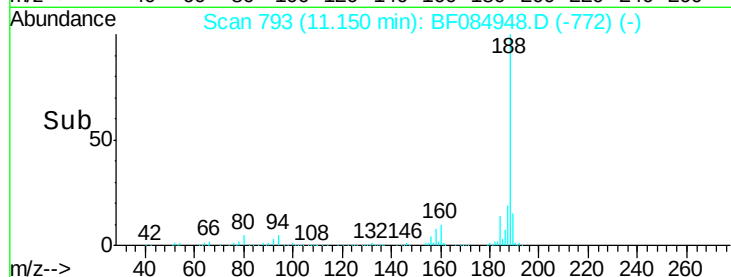
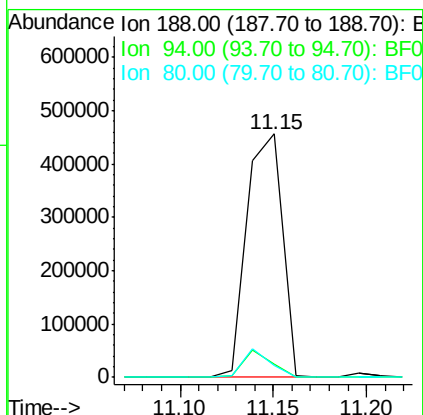
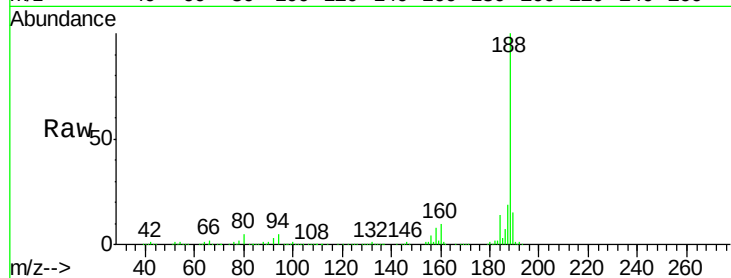




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084948.D
Acq: 9 Feb 2016 13:26

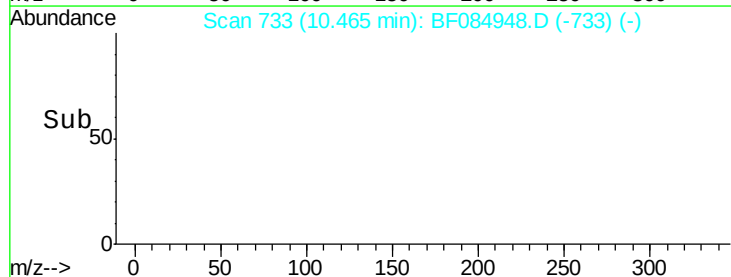
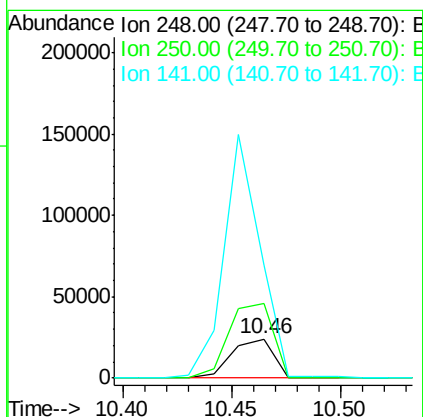
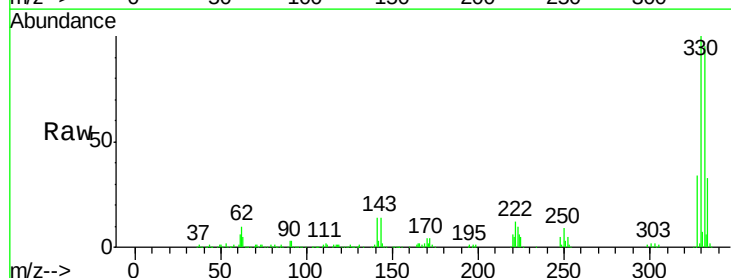
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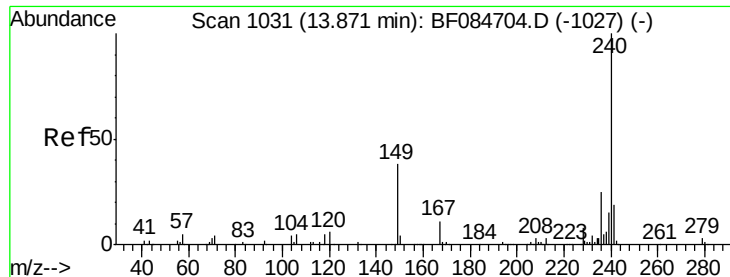
Tgt Ion:188 Resp: 604272
Ion Ratio Lower Upper
188 100
94 5.3 9.0 13.4#
80 5.1 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 4.85 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.30 min
Lab File: BF084948.D
Acq: 9 Feb 2016 13:26

Tgt Ion:248 Resp: 32359
Ion Ratio Lower Upper
248 100
250 191.3 78.4 117.6#
141 288.7 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

Instrument :

BNA_F

ClientSampleId :

SB03-2-3

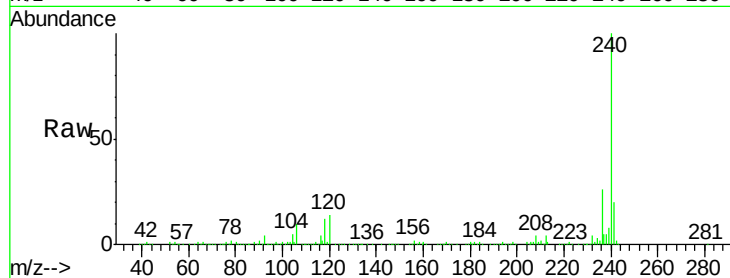
Tgt Ion:240 Resp: 450119

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

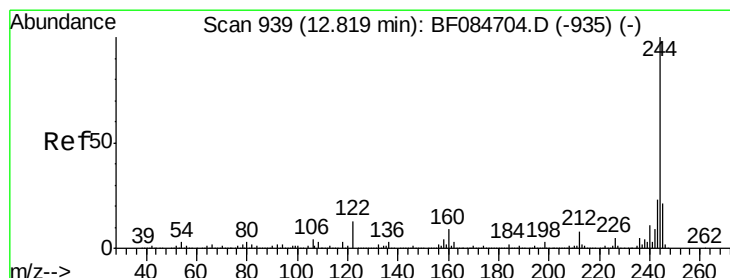
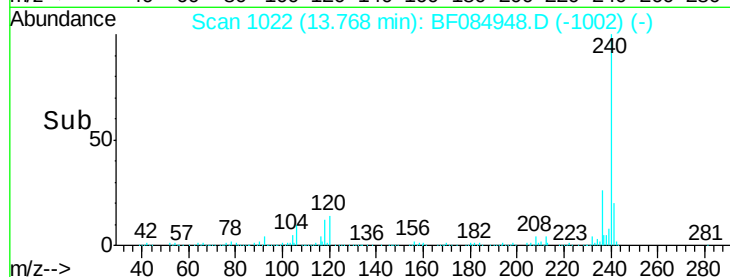
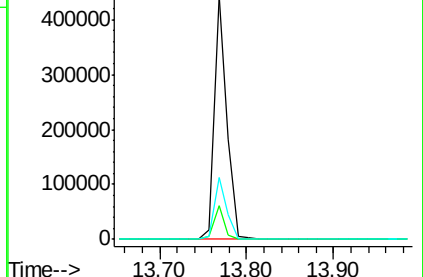
236 25.6 20.6 31.0



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: 94.95 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

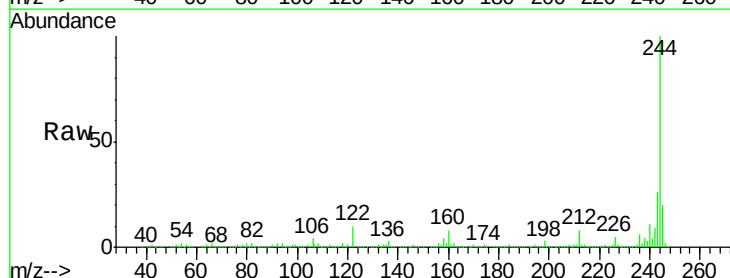
Tgt Ion:244 Resp: 1886065

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

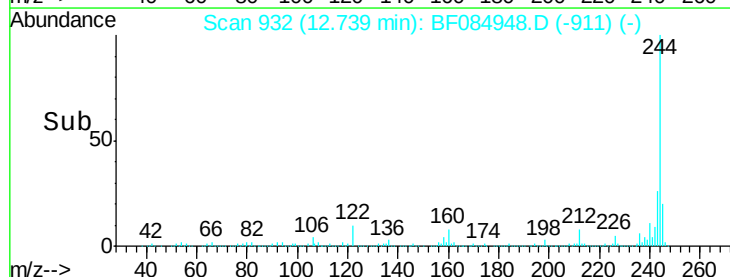
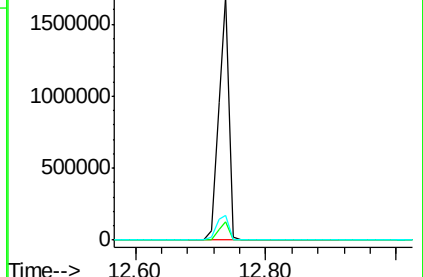
122 10.3 7.4 11.0

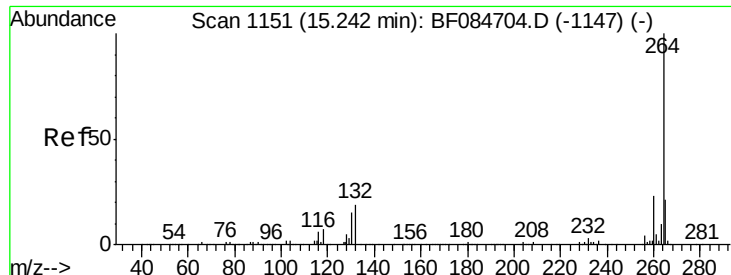


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

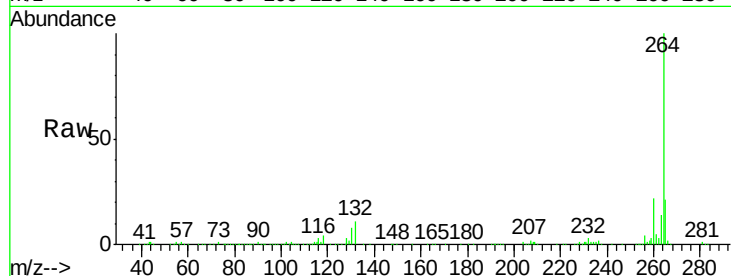




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.07 min
Lab File: BF084948.D
Acq: 9 Feb 2016 13:26

Instrument :
BNA_F
ClientSampleId :
SB03-2-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	21.4	17.8	26.6



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

