

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083276.D
 Acq On : 25 Nov 2015 16:25
 Operator : UM/IZ
 Sample : G4567-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-11242015

Quant Time: Nov 26 01:11:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

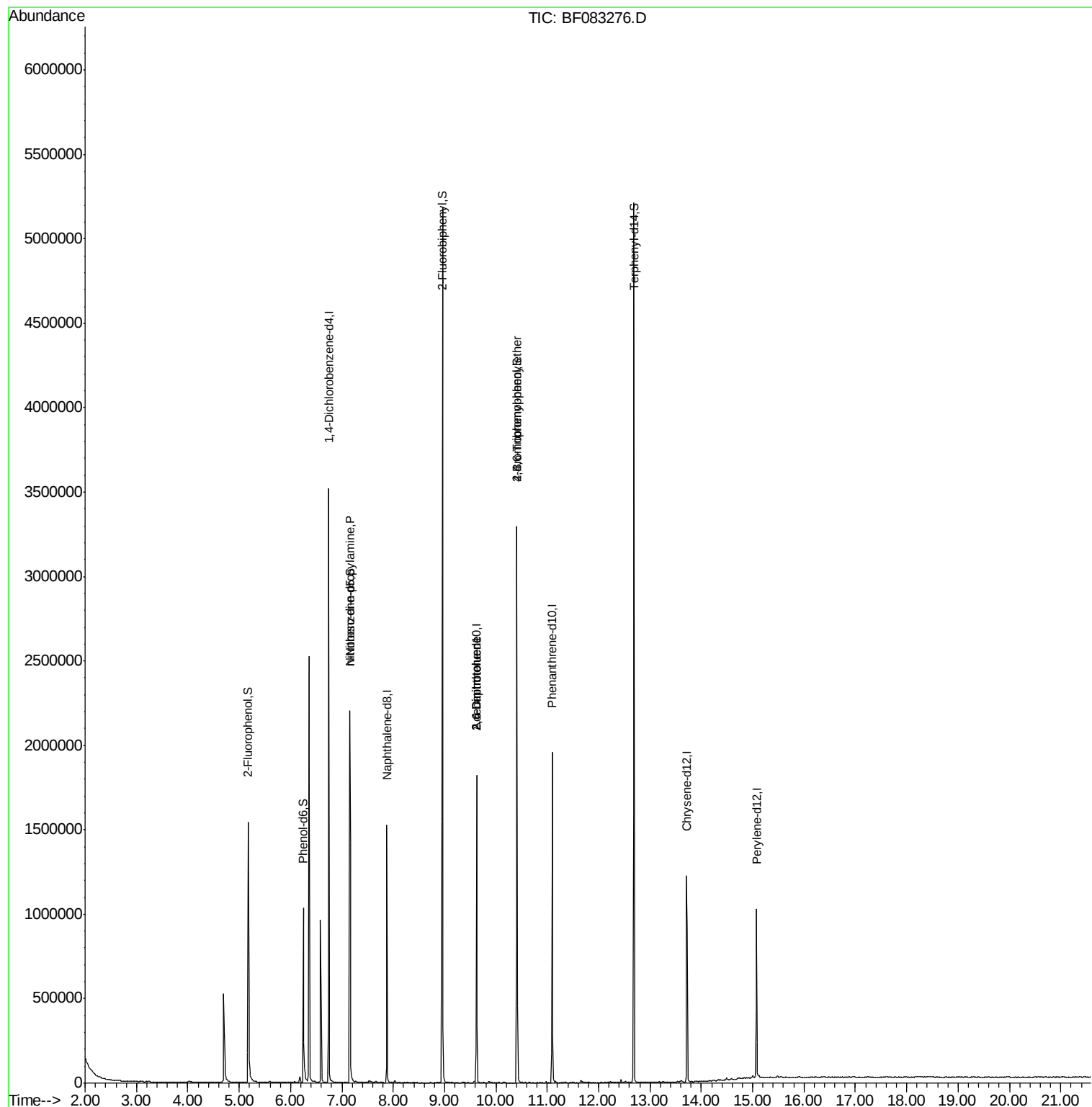
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	498746	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	663716	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	342578	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	660616	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	563765	20.00	ng	-0.09
86) Perylene-d12	15.07	264	431831	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	479572	14.54	ng	-0.10
7) Phenol-d6	6.25	99	401428	9.40	ng	-0.09
23) Nitrobenzene-d5	7.15	82	945000	65.06	ng	-0.08
41) 2,4,6-Tribromophenol	10.41	330	341045	97.31	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1608782	65.48	ng	-0.07
78) Terphenyl-d14	12.68	244	1641866	68.58	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.35	77	21622	Below Cal	#	67
19) n-Nitroso-di-n-propylamine	7.15	70	127210	4.28 ng	#	78
50) 2,6-Dinitrotoluene	9.62	165	43657	7.38 ng	#	13
56) 2,4-Dinitrotoluene	9.62	165	43650	5.82 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	25678	3.50 ng	#	1

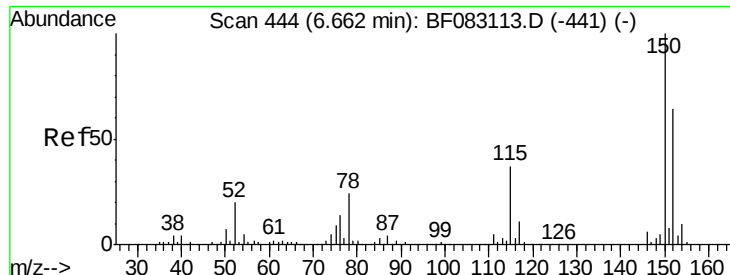
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
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BNA_F
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Quant Time: Nov 26 01:11:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

Instrument :

BNA_F

ClientSampleId :

EB-11242015

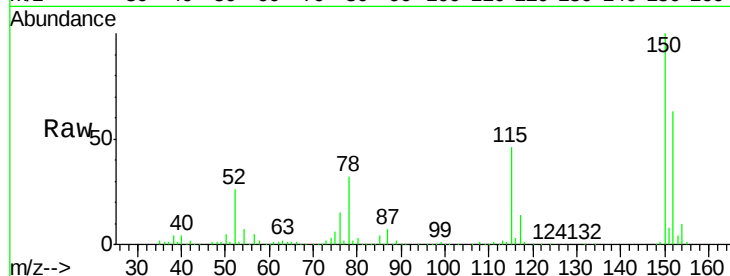
Tgt Ion:152 Resp: 498746

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.8

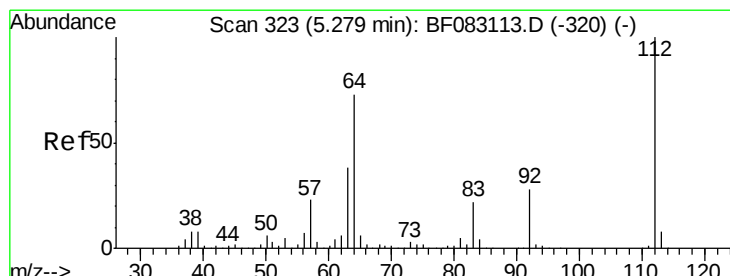
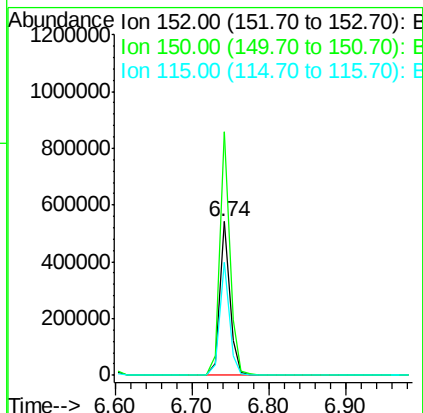
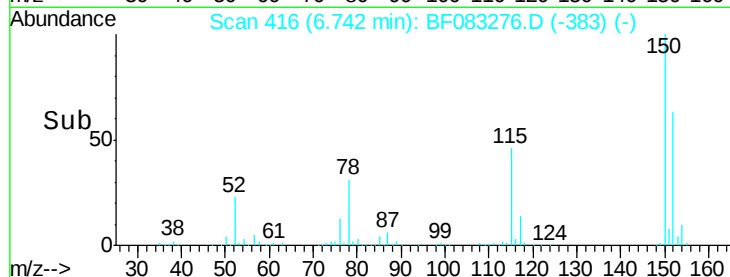
115 73.6 46.9 70.3#



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: 14.54 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.10 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

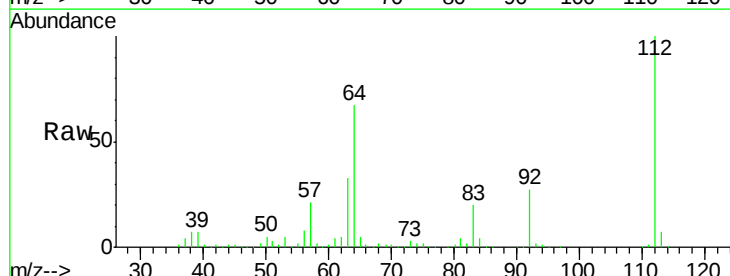
Tgt Ion:112 Resp: 479572

Ion Ratio Lower Upper

112 100

64 67.3 58.4 87.6

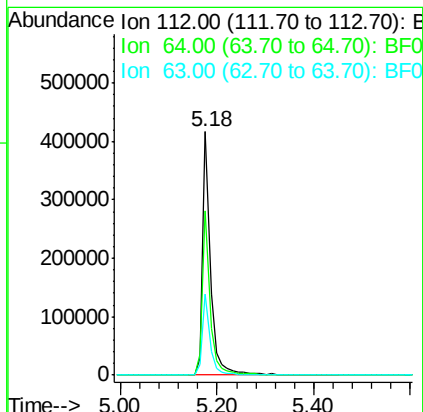
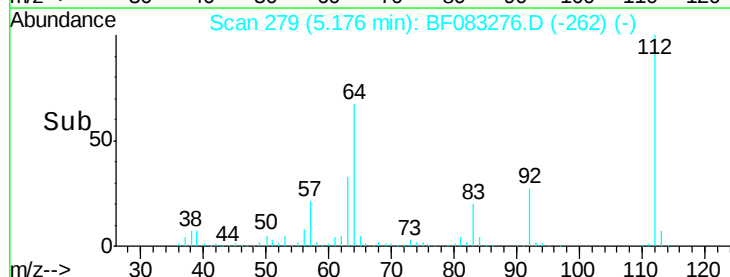
63 33.1 30.0 45.0

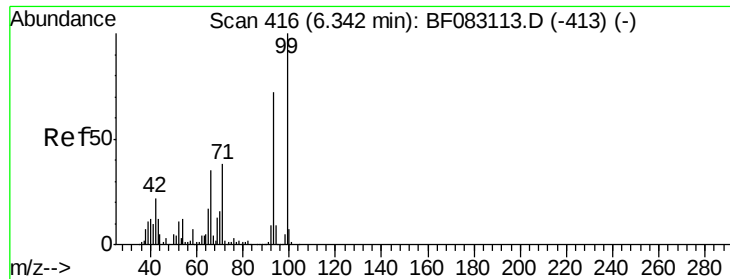


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.40 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

Instrument :

BNA_F

ClientSampleId :

EB-11242015

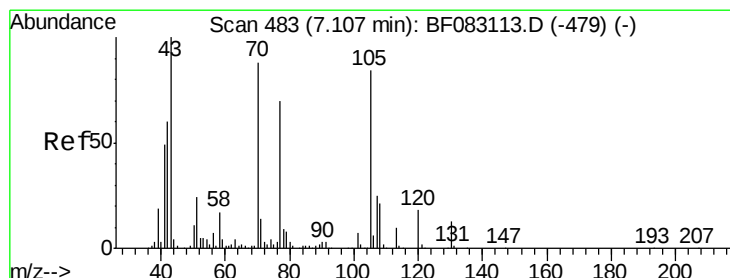
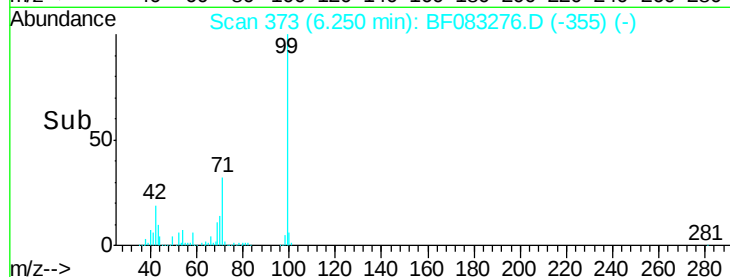
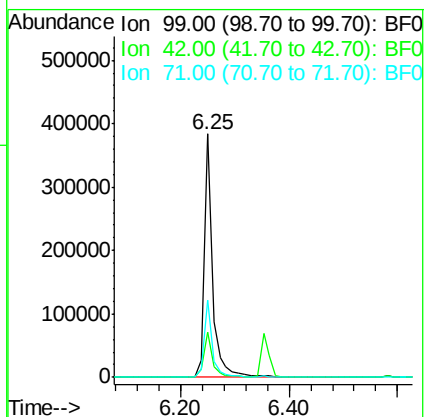
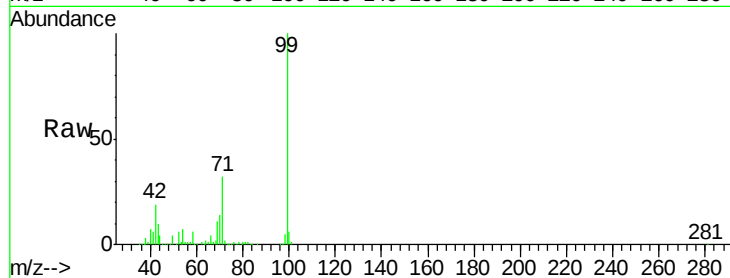
Tgt Ion: 99 Resp: 401428

Ion Ratio Lower Upper

99 100

42 18.7 17.7 26.5

71 31.9 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.28 ng

RT: 7.15 min Scan# 452

Delta R.T. 0.05 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

Tgt Ion: 70 Resp: 127210

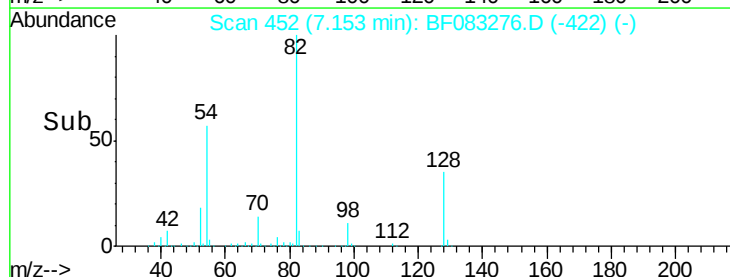
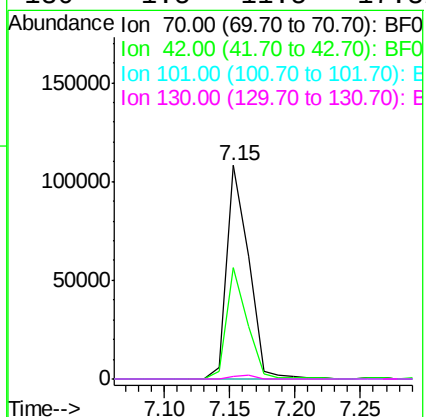
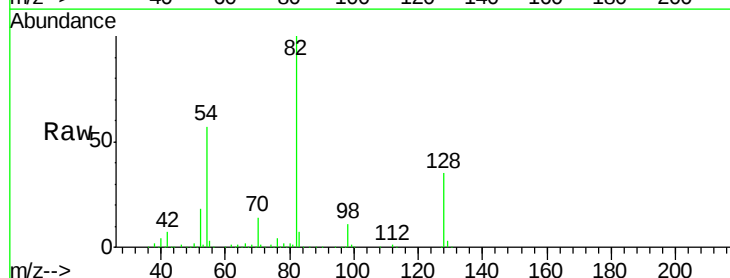
Ion Ratio Lower Upper

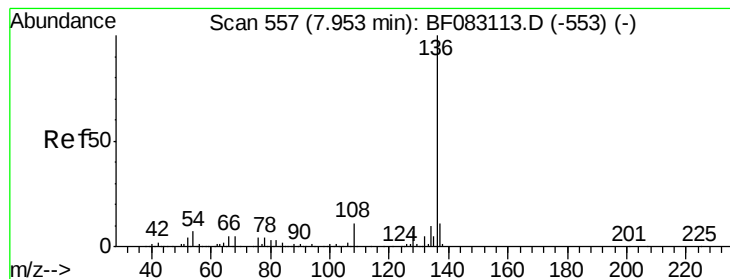
70 100

42 52.4 54.5 81.7#

101 0.0 6.6 9.8#

130 1.5 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

Instrument :

BNA_F

ClientSampleId :

EB-11242015

Tgt Ion:136 Resp: 663716

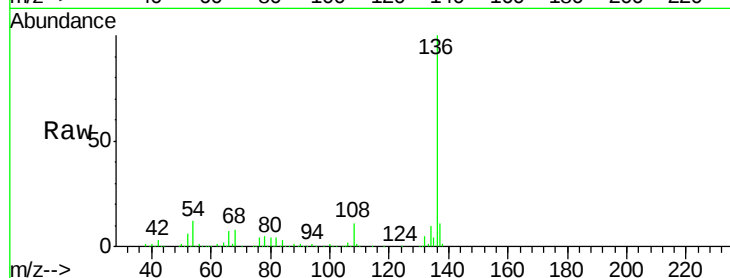
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.9 5.8 8.6#

68 8.4 3.8 5.8#

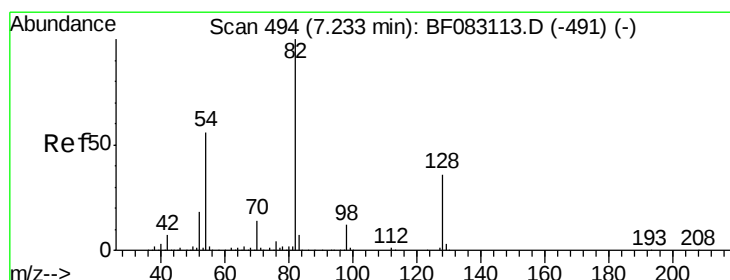
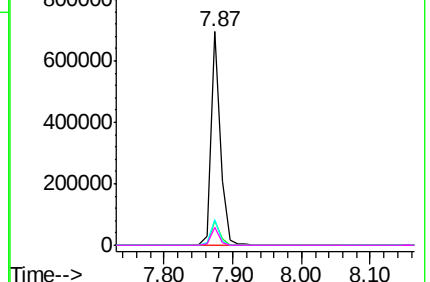
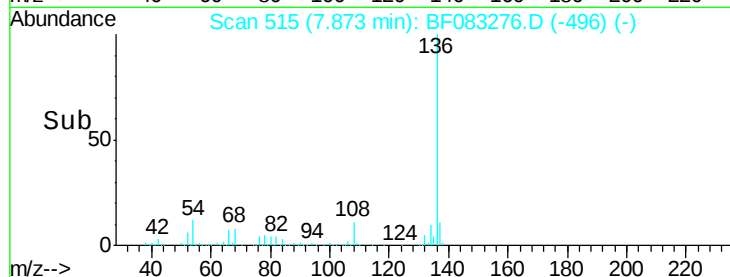


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 65.06 ng

RT: 7.15 min Scan# 452

Delta R.T. -0.08 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

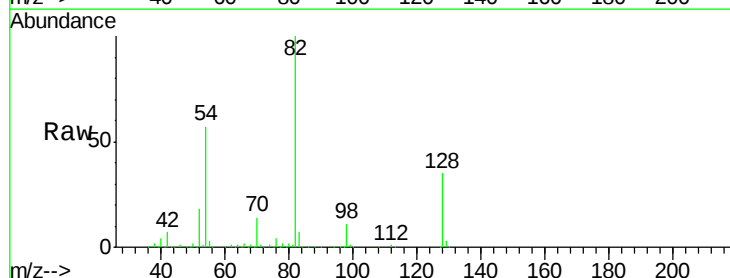
Tgt Ion: 82 Resp: 945000

Ion Ratio Lower Upper

82 100

128 34.9 28.5 42.7

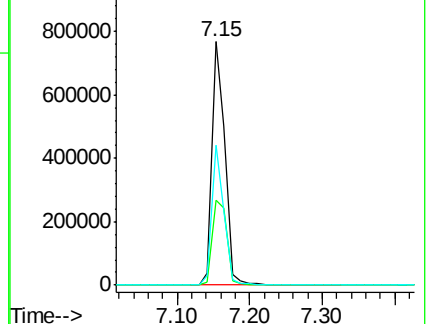
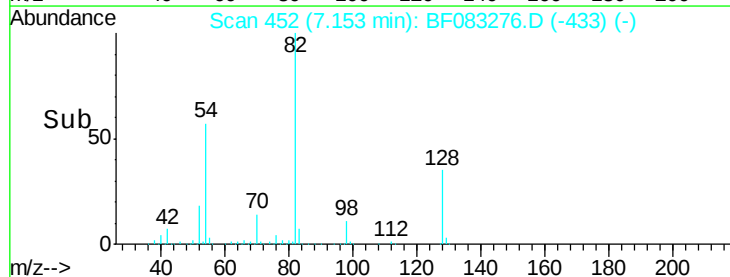
54 57.3 44.6 67.0

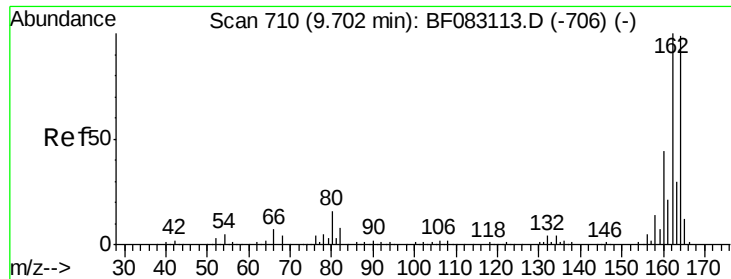


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

Instrument :

BNA_F

ClientSampleId :

EB-11242015

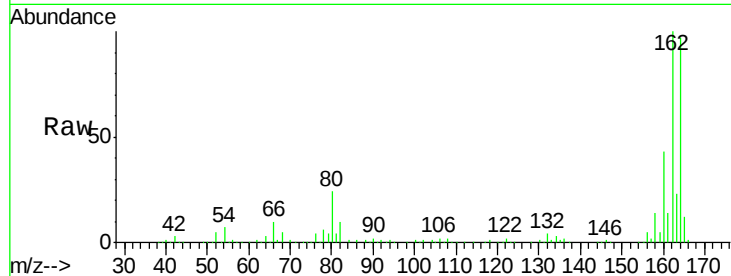
Tgt Ion:164 Resp: 342578

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

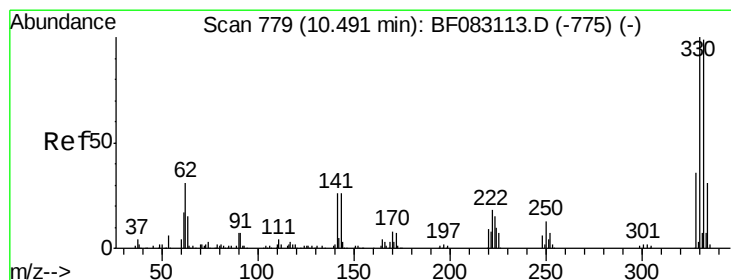
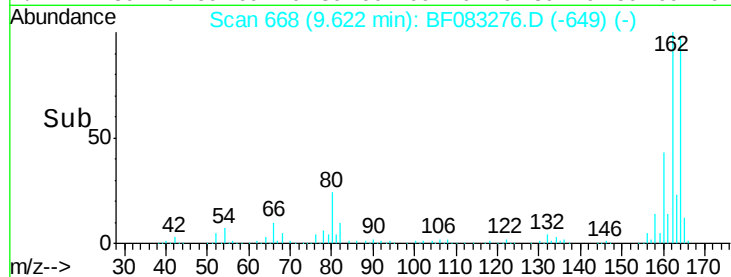
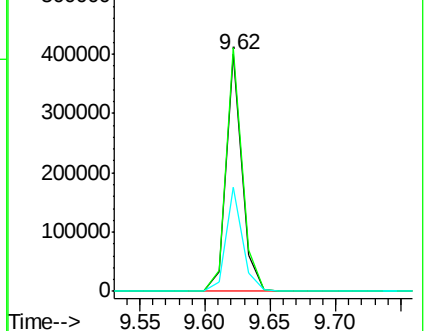
160 44.1 35.6 53.4



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: 97.31 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

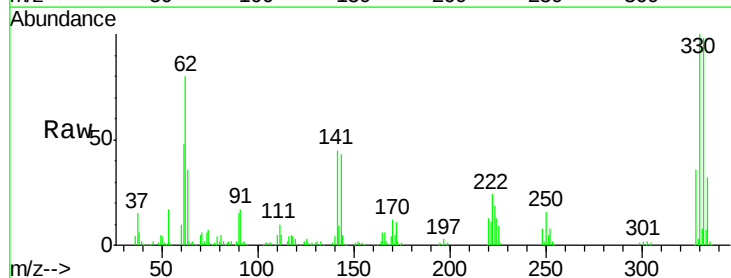
Tgt Ion:330 Resp: 341045

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

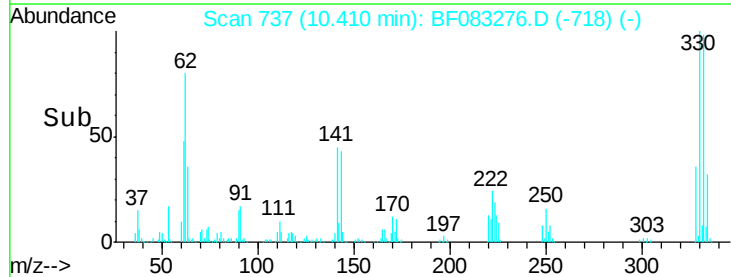
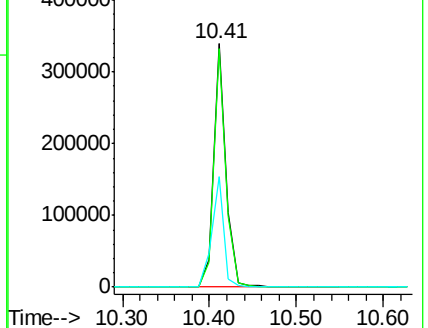
141 43.2 29.7 44.5

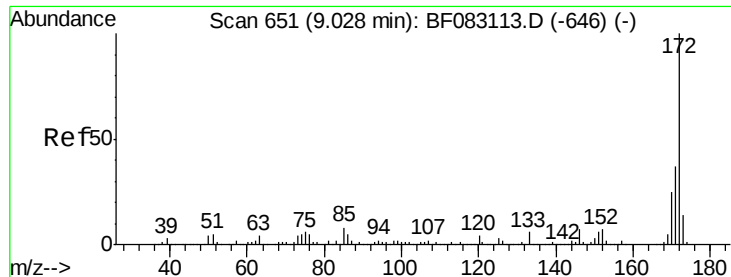


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

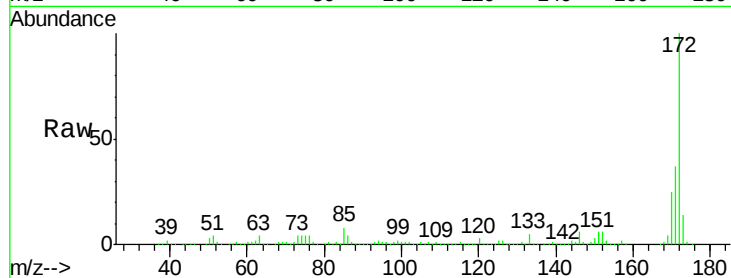




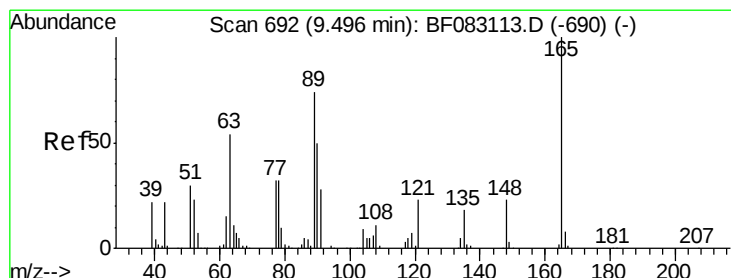
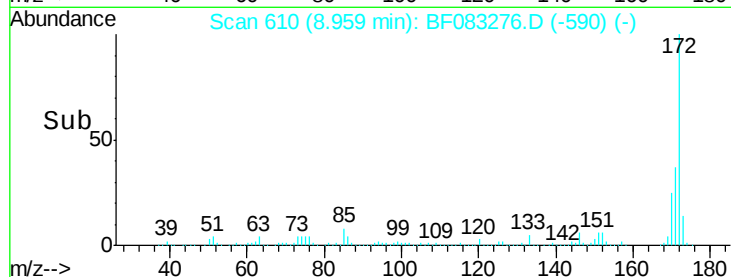
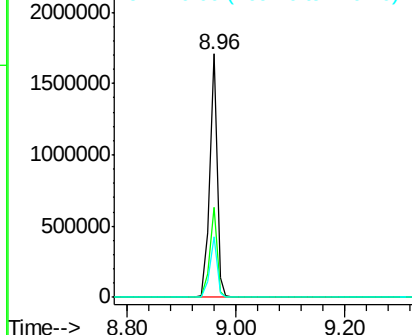
#44
 2-Fluorobiphenyl
 Concen: 65.48 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083276.D
 Acq: 25 Nov 2015 16:25

Instrument :
 BNA_F
 ClientSampleId :
 EB-11242015

Tgt Ion:172 Resp: 1608782
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.5 44.3
 170 25.1 19.9 29.9

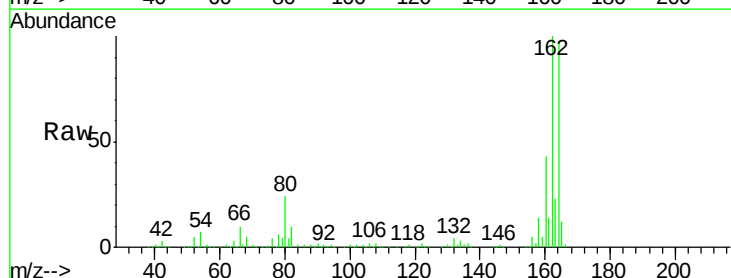


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

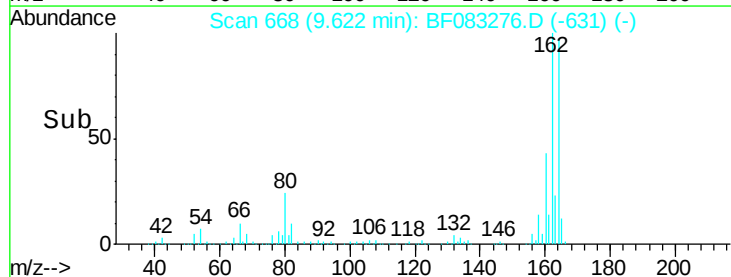
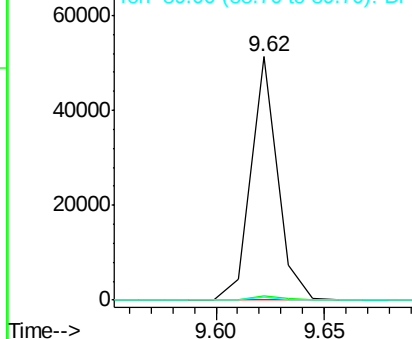


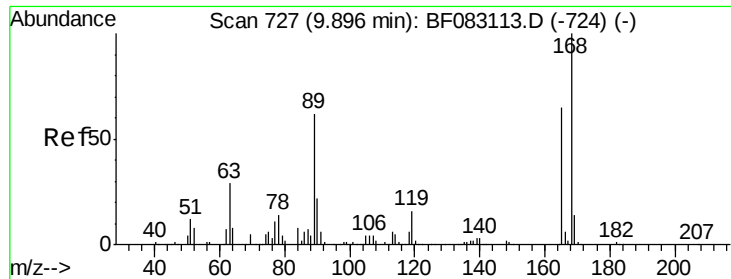
#50
 2,6-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083276.D
 Acq: 25 Nov 2015 16:25

Tgt Ion:165 Resp: 43657
 Ion Ratio Lower Upper
 165 100
 63 1.8 62.5 93.7#
 89 1.2 59.1 88.7#



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

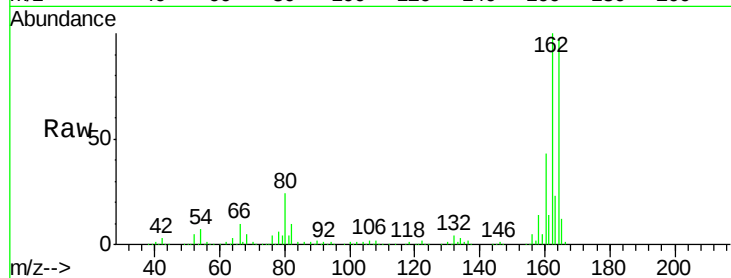




#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083276.D
Acq: 25 Nov 2015 16:25

Instrument :
BNA_F
ClientSampleId :
EB-11242015

Tgt Ion:	165	Resp:	43650
Ion Ratio	Lower	Upper	
165	100		
63	1.8	54.5	81.7#
89	1.2	77.3	115.9#
182	0.0	1.8	2.6#

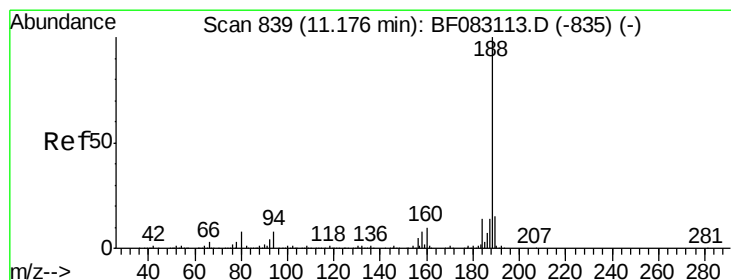
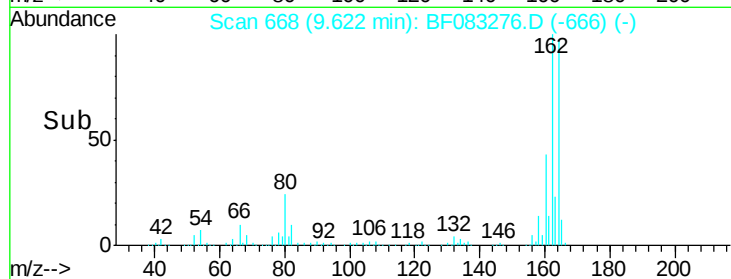
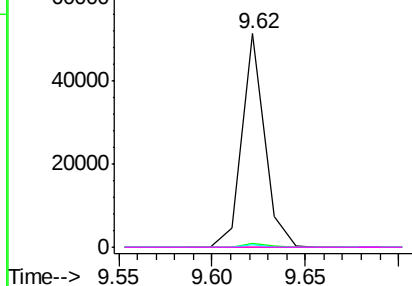


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

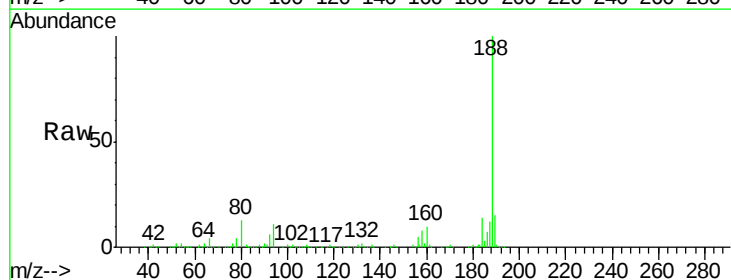
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083276.D
Acq: 25 Nov 2015 16:25

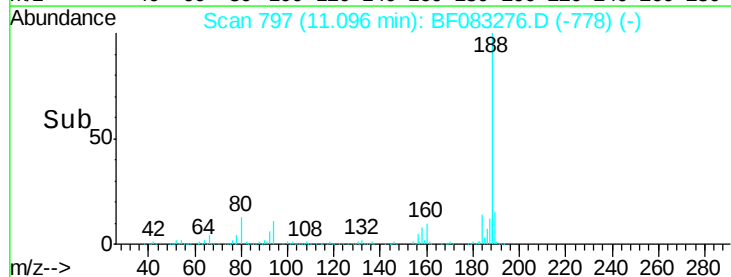
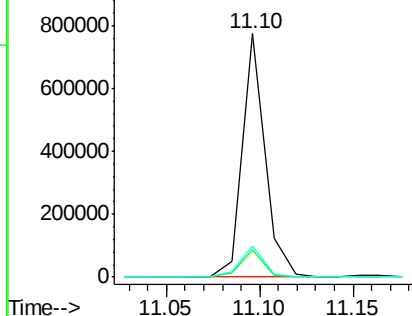
Tgt Ion:	188	Resp:	660616
Ion Ratio	Lower	Upper	
188	100		
94	11.3	6.0	9.0#
80	13.0	6.7	10.1#

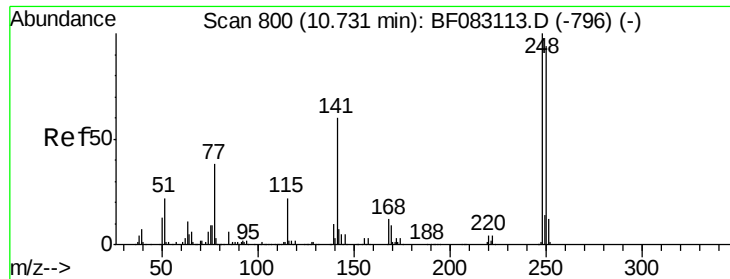


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

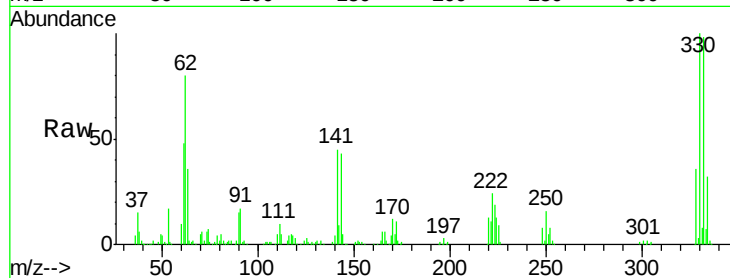




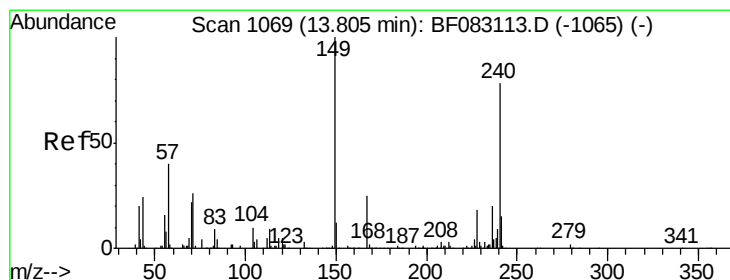
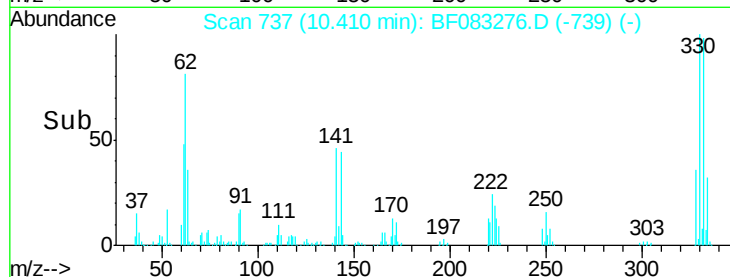
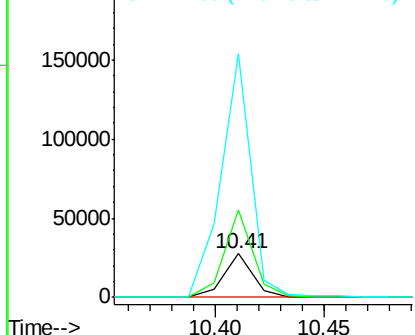
#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083276.D
Acq: 25 Nov 2015 16:25

Instrument :
BNA_F
ClientSampleId :
EB-11242015

Tgt Ion:248 Resp: 25678
Ion Ratio Lower Upper
248 100
250 198.3 75.4 113.2#
141 555.9 48.1 72.1#

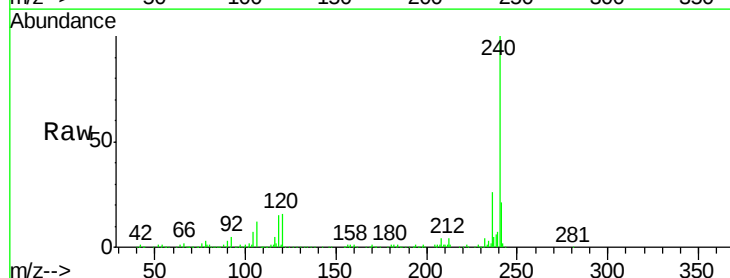


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

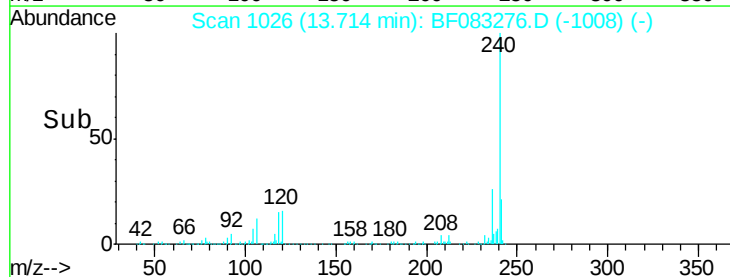
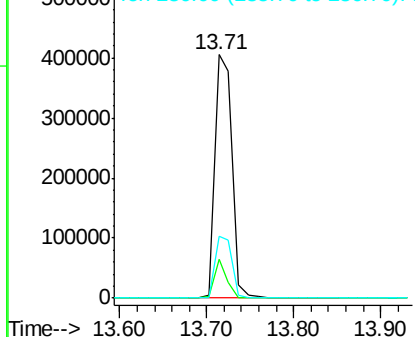


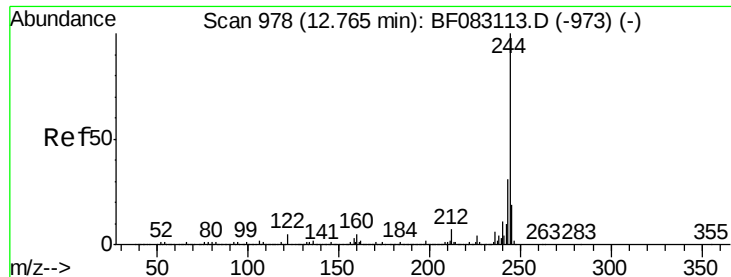
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.09 min
Lab File: BF083276.D
Acq: 25 Nov 2015 16:25

Tgt Ion:240 Resp: 563765
Ion Ratio Lower Upper
240 100
120 16.0 5.4 8.2#
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: 68.58 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

Instrument :

BNA_F

ClientSampleId :

EB-11242015

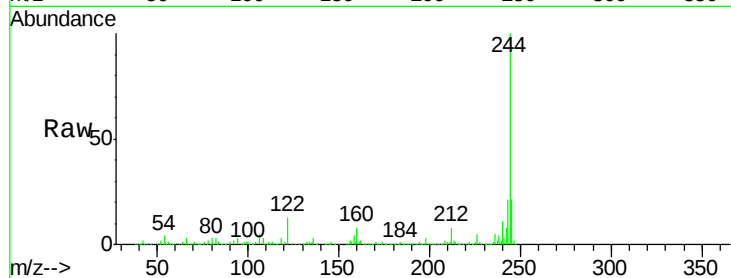
Tgt Ion:244 Resp: 1641866

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

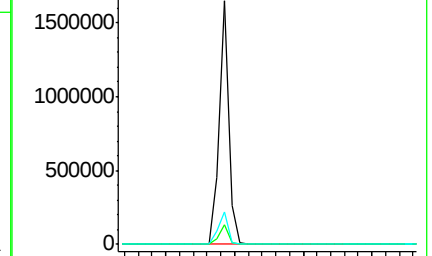
122 13.3 4.3 6.5#



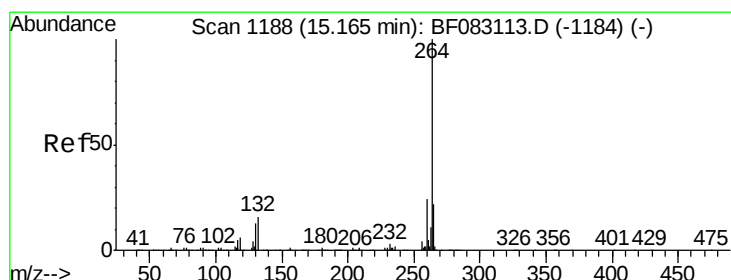
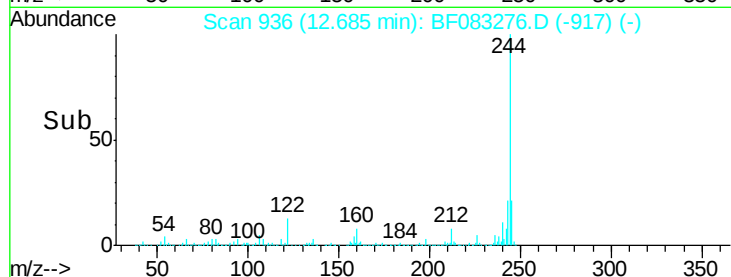
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083276.D

Acq: 25 Nov 2015 16:25

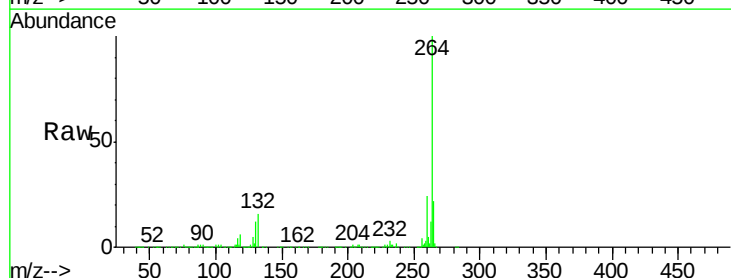
Tgt Ion:264 Resp: 431831

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

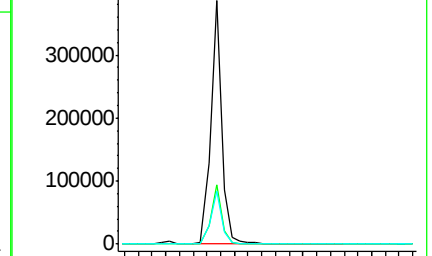
265 21.7 18.2 27.4



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



Time-->

