

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083272.D
 Acq On : 25 Nov 2015 14:28
 Operator : UM/IZ
 Sample : G4553-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112015-A263-E-U-M

Quant Time: Nov 26 01:09:45 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

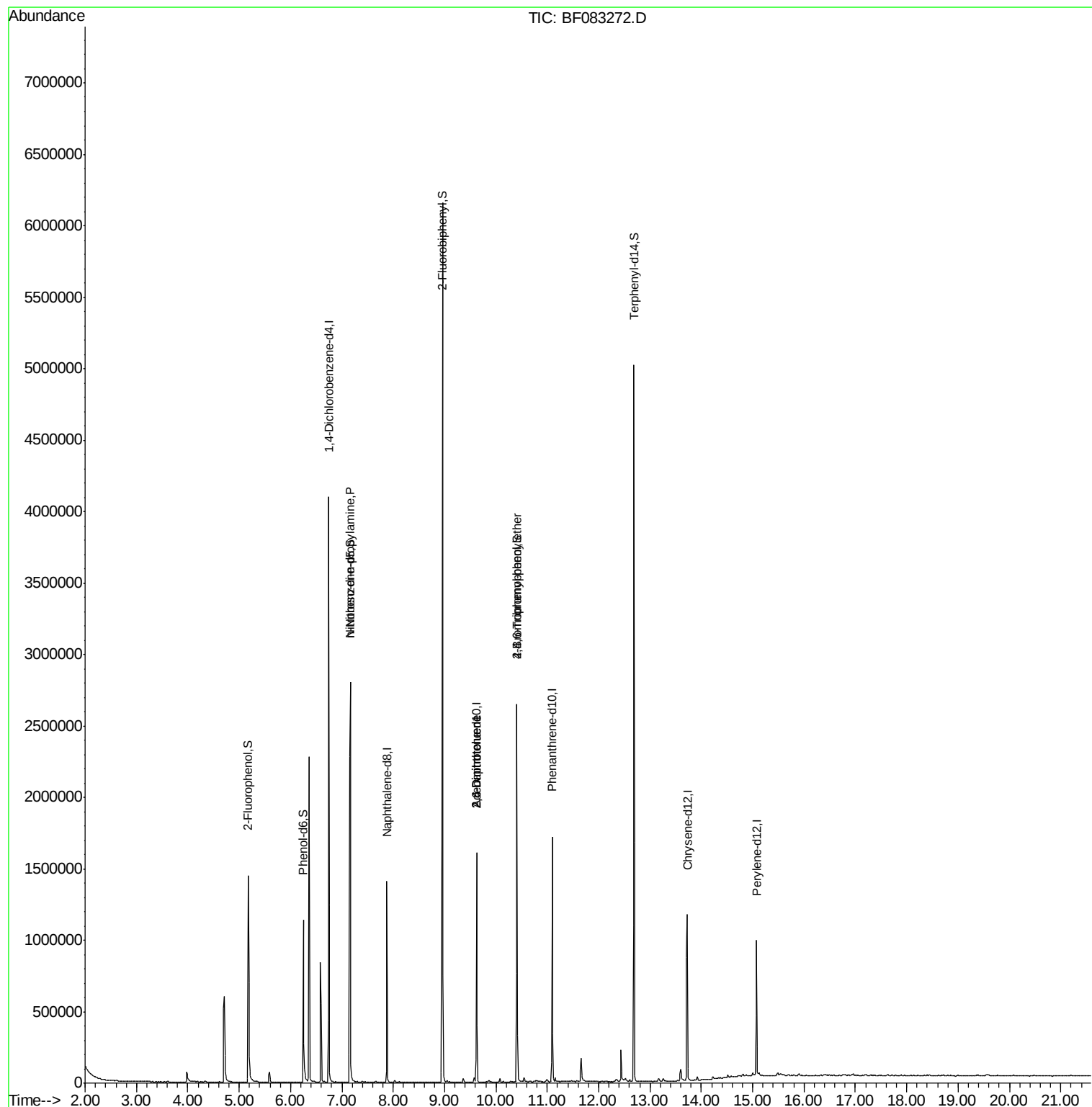
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	638812	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	623181	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	313608	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	599410	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	534303	20.00	ng	-0.08
86) Perylene-d12	15.07	264	415175	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	489512	11.59	ng	-0.10
7) Phenol-d6	6.25	99	422812	7.73	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1323455	97.04	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	284672	88.73	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1927312	85.70	ng	-0.07
78) Terphenyl-d14	12.68	244	1734171	76.43	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.35	77	19764	Below Cal	#	69
19) n-Nitroso-di-n-propylamine	7.16	70	174113	4.58 ng	#	73
50) 2,6-Dinitrotoluene	9.62	165	39777	7.34 ng	#	13
56) 2,4-Dinitrotoluene	9.62	165	39778	5.79 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	20360	3.06 ng	#	1

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

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Quant Time: Nov 26 01:09:45 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

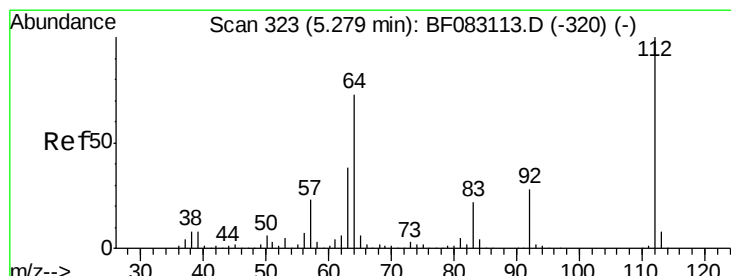
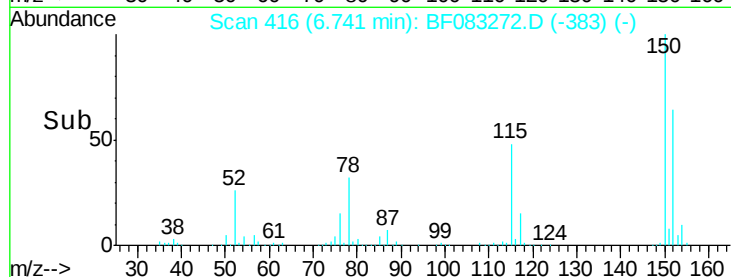
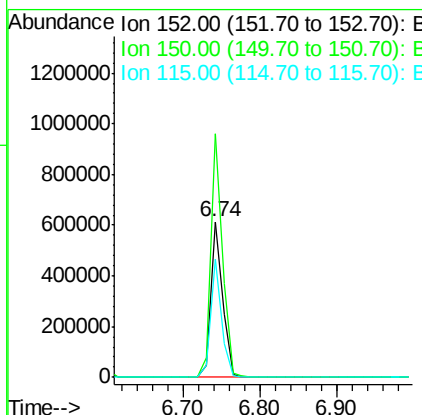
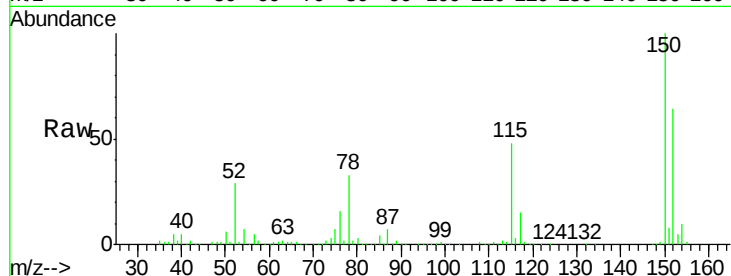




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 416
 Delta R.T. 0.08 min
 Lab File: BF083272.D
 Acq: 25 Nov 2015 14:28

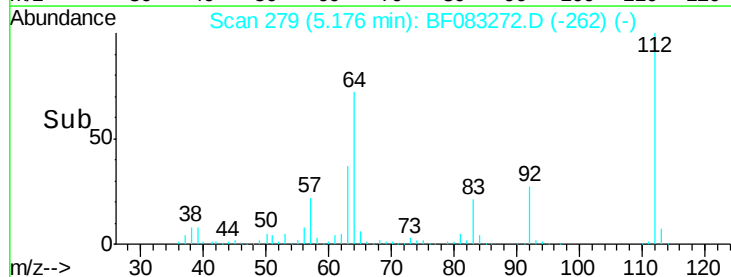
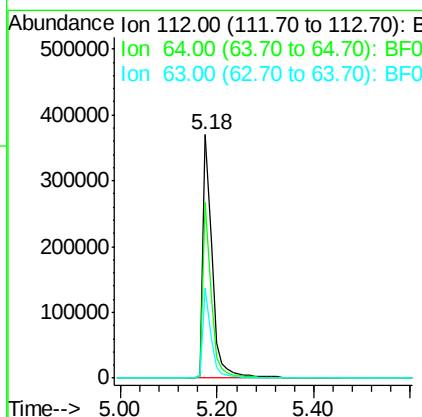
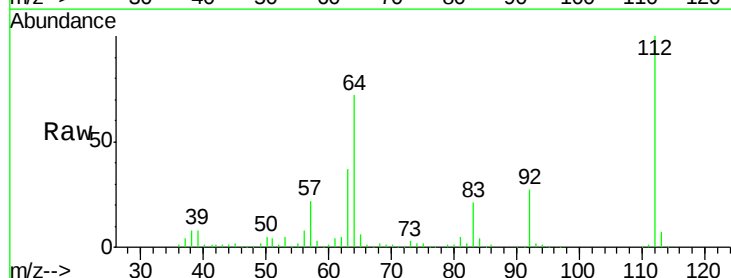
Instrument :
 BNA_F
 ClientSampleId :
 112015-A263-E-U-M

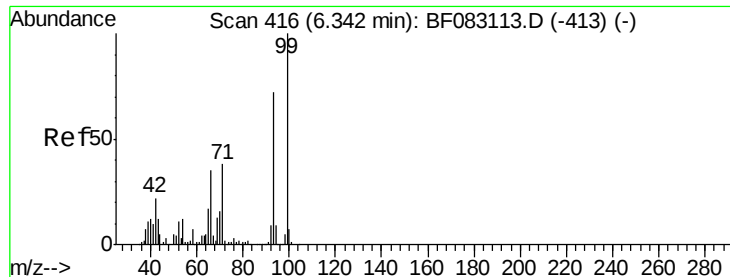
Tgt Ion:152 Resp: 638812
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.8 188.8
 115 75.9 46.9 70.3#



#5
 2-Fluorophenol
 Concen: 11.59 ng
 RT: 5.18 min Scan# 279
 Delta R.T. -0.10 min
 Lab File: BF083272.D
 Acq: 25 Nov 2015 14:28

Tgt Ion:112 Resp: 489512
 Ion Ratio Lower Upper
 112 100
 64 72.1 58.4 87.6
 63 36.8 30.0 45.0





#7

Phenol-d6

Concen: 7.73 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083272.D

Acq: 25 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

112015-A263-E-U-M

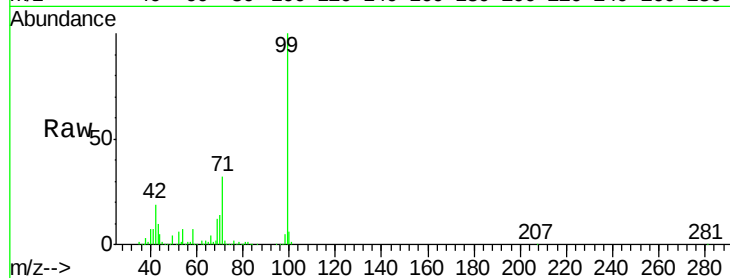
Tgt Ion: 99 Resp: 422812

Ion Ratio Lower Upper

99 100

42 19.0 17.7 26.5

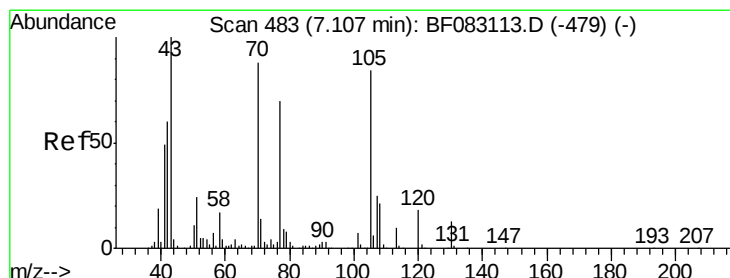
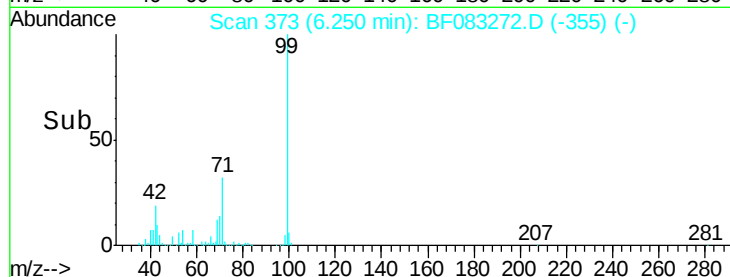
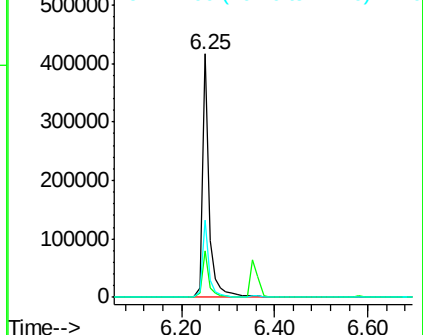
71 31.9 30.2 45.4



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: 4.58 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083272.D

Acq: 25 Nov 2015 14:28

Tgt Ion: 70 Resp: 174113

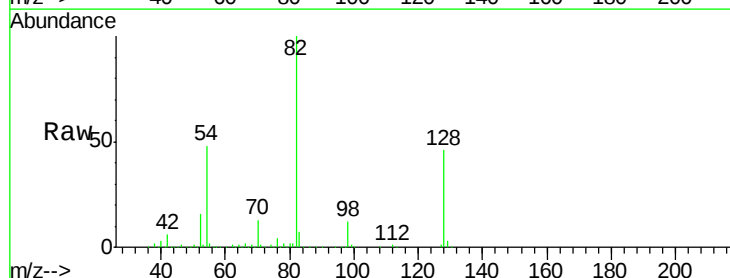
Ion Ratio Lower Upper

70 100

42 46.4 54.5 81.7#

101 0.0 6.6 9.8#

130 2.3 11.5 17.3#

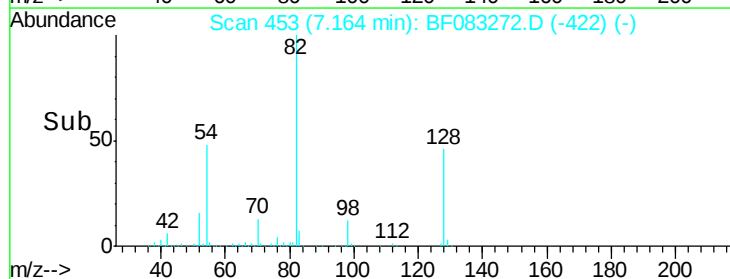
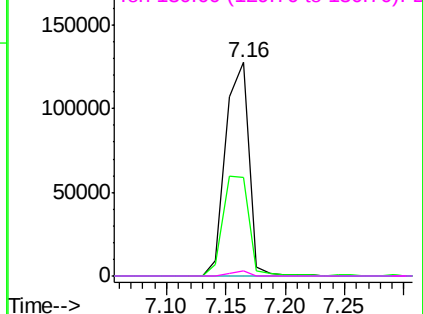


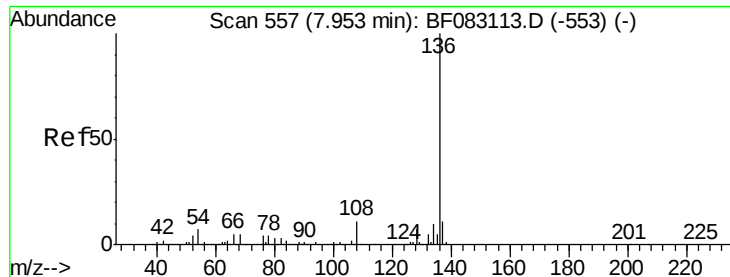
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

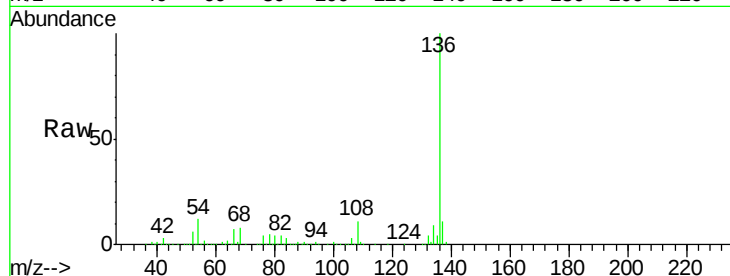




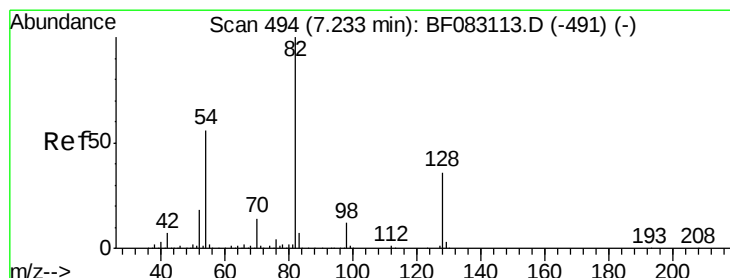
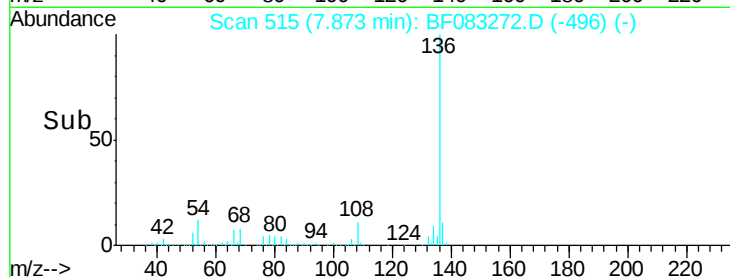
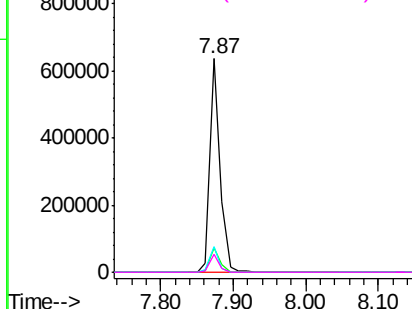
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083272.D
Acq: 25 Nov 2015 14:28

Instrument :
BNA_F
ClientSampleId :
112015-A263-E-U-M

Tgt Ion:	136	Resp:	623181
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.3	5.8	8.6#
68	8.1	3.8	5.8#

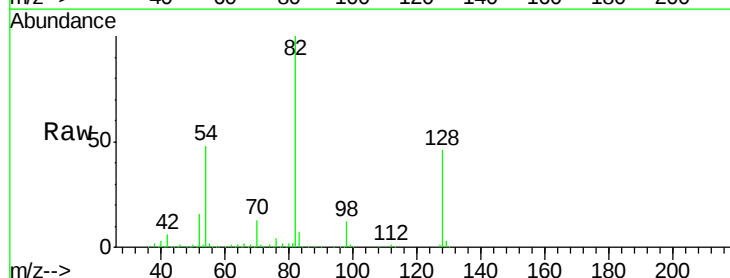


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

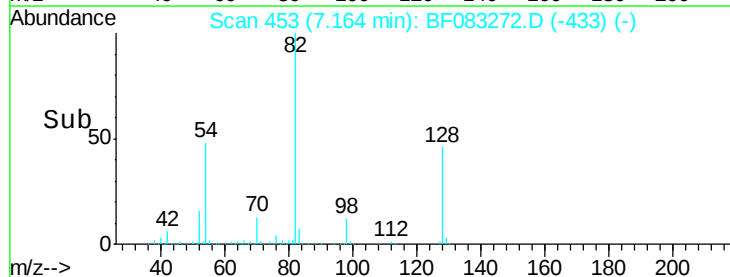
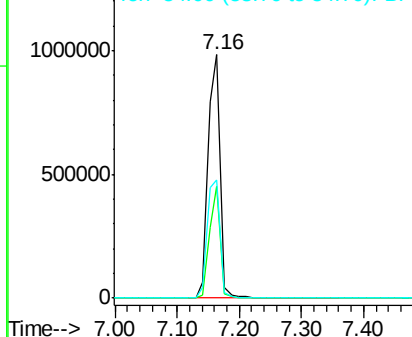


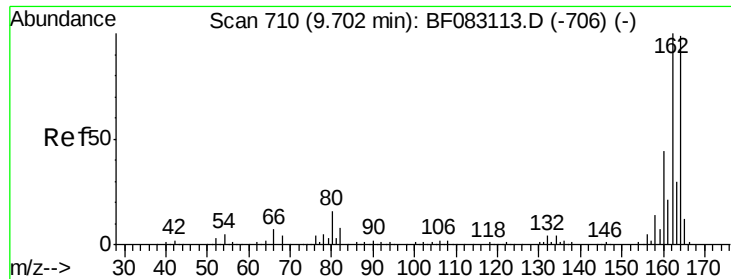
#23
Nitrobenzene-d5
Concen: 97.04 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083272.D
Acq: 25 Nov 2015 14:28

Tgt Ion:	82	Resp:	1323455
Ion	Ratio	Lower	Upper
82	100		
128	46.0	28.5	42.7#
54	48.3	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: BF083272.D

Acq: 25 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

112015-A263-E-U-M

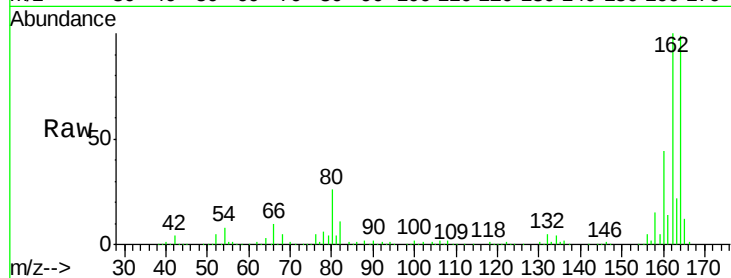
Tgt Ion:164 Resp: 313608

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

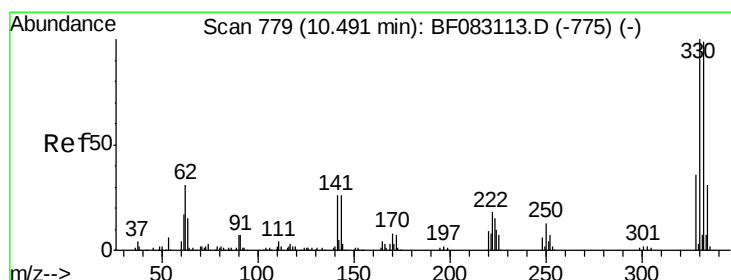
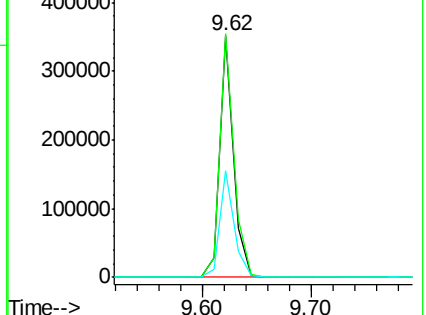
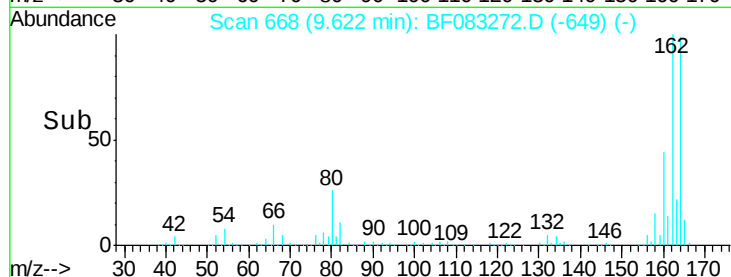
160 44.2 35.6 53.4



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: 88.73 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083272.D

Acq: 25 Nov 2015 14:28

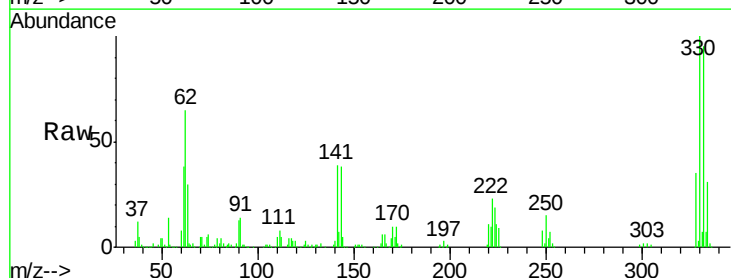
Tgt Ion:330 Resp: 284672

Ion Ratio Lower Upper

330 100

332 95.5 77.7 116.5

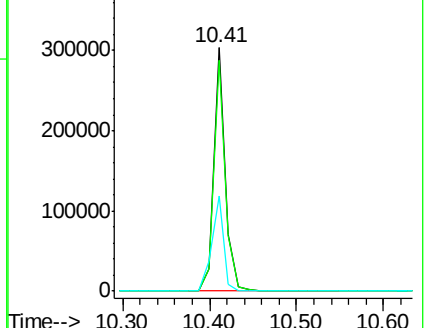
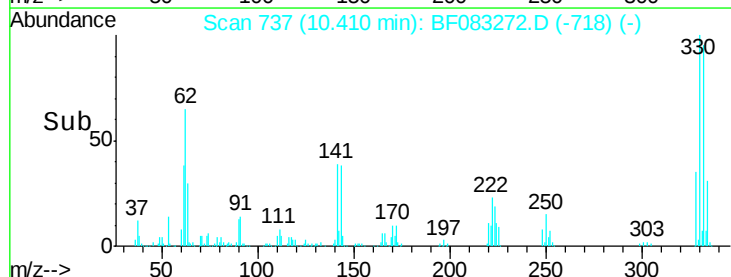
141 40.3 29.7 44.5

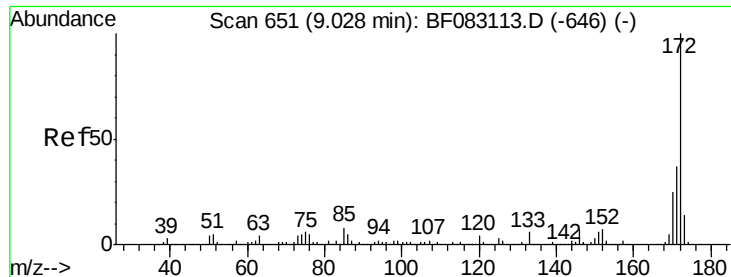


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 85.70 ng

RT: 8.96 min Scan# 610

Delta R.T. -0.07 min

Lab File: BF083272.D

Acq: 25 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

112015-A263-E-U-M

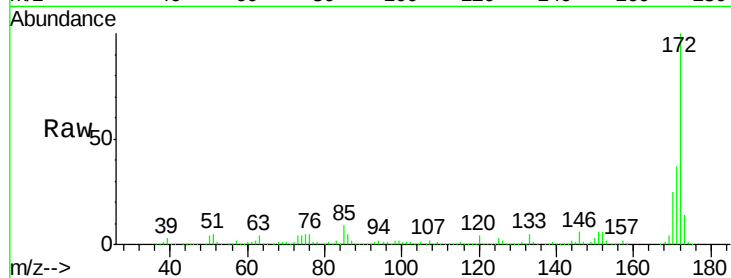
Tgt Ion:172 Resp: 1927312

Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

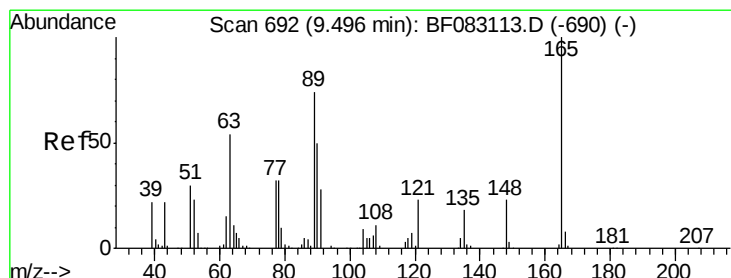
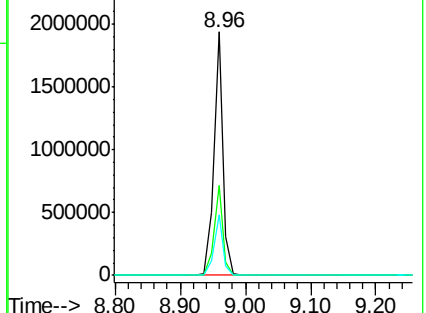
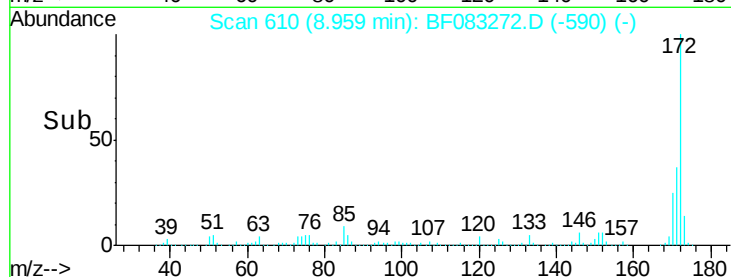
170 25.1 19.9 29.9



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: 7.34 ng

RT: 9.62 min Scan# 668

Delta R.T. 0.13 min

Lab File: BF083272.D

Acq: 25 Nov 2015 14:28

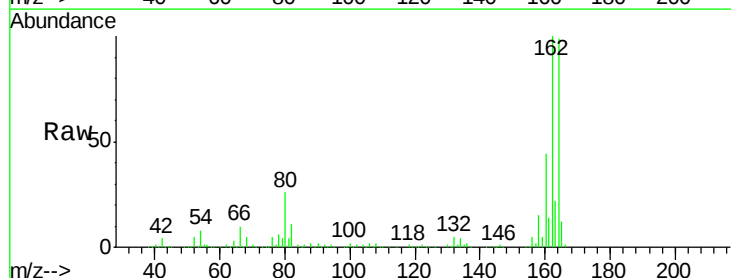
Tgt Ion:165 Resp: 39777

Ion Ratio Lower Upper

165 100

63 1.3 62.5 93.7#

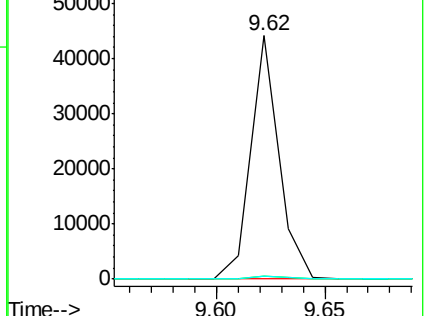
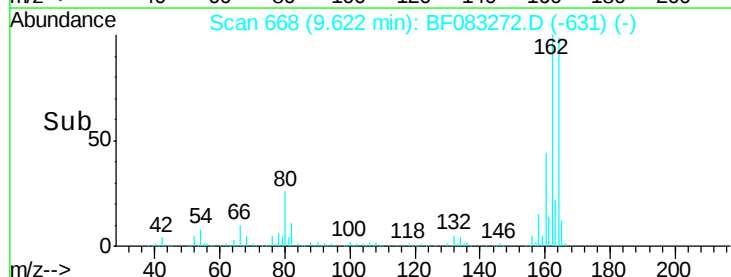
89 1.1 59.1 88.7#



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

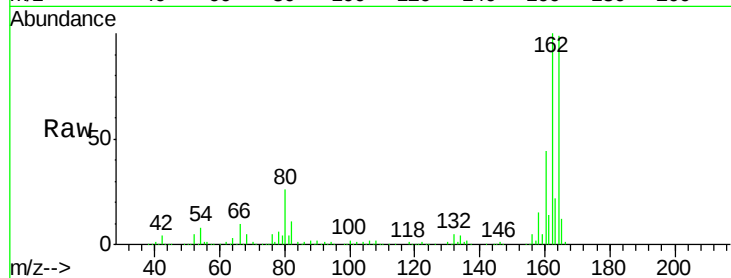




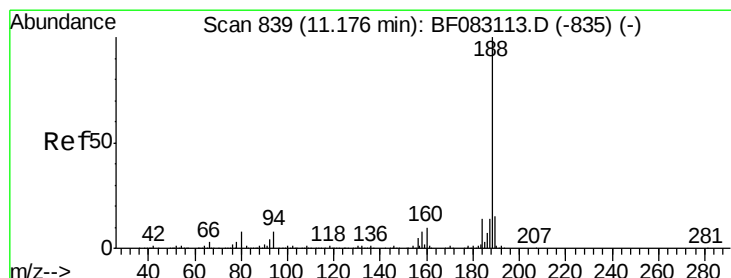
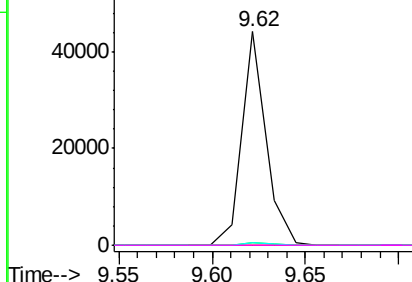
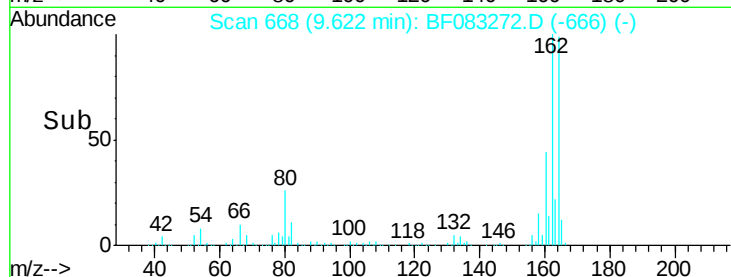
#56
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083272.D
Acq: 25 Nov 2015 14:28

Instrument :
BNA_F
ClientSampleId :
112015-A263-E-U-M

Tgt Ion:165 Resp: 39778
Ion Ratio Lower Upper
165 100
63 1.3 54.5 81.7#
89 1.1 77.3 115.9#
182 0.0 1.8 2.6#

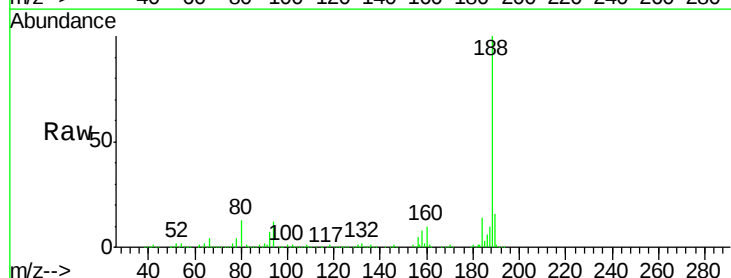


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

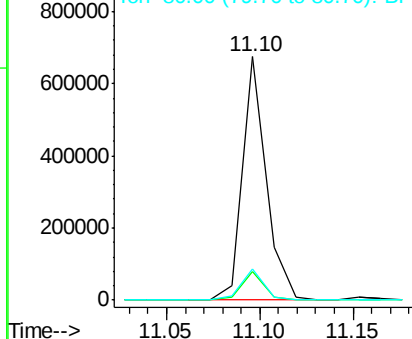
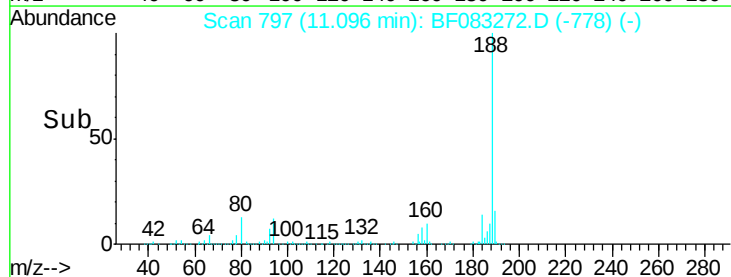


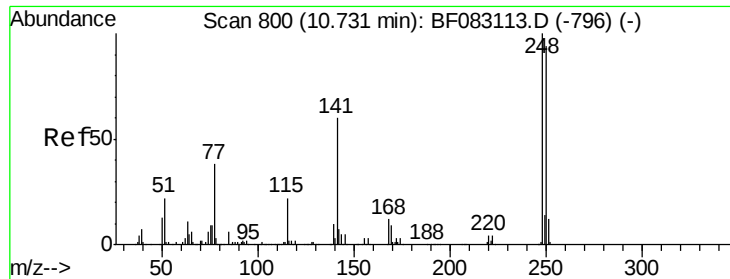
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083272.D
Acq: 25 Nov 2015 14:28

Tgt Ion:188 Resp: 599410
Ion Ratio Lower Upper
188 100
94 11.6 6.0 9.0#
80 12.6 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

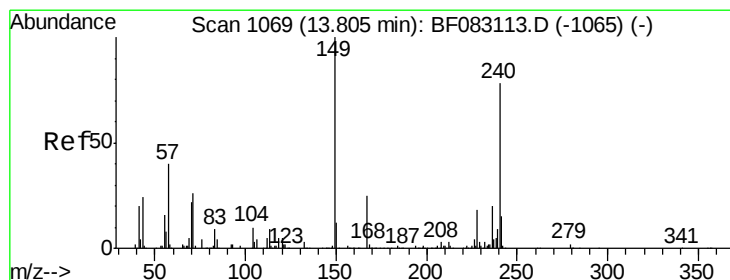
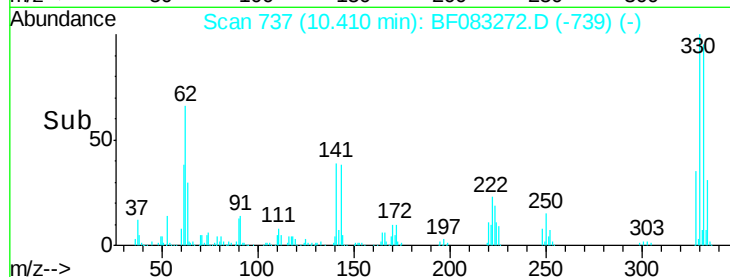
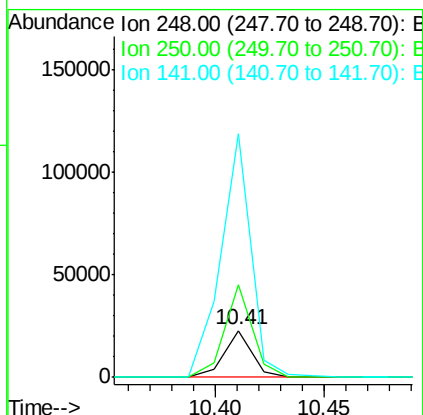
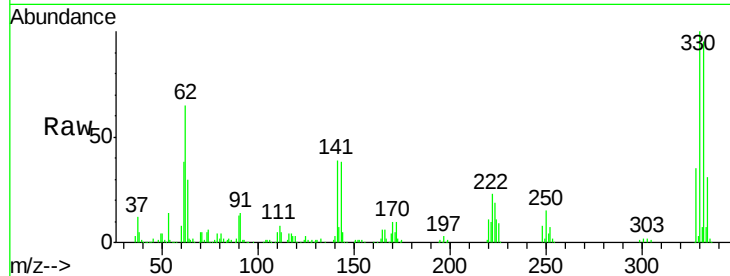




#66
4-Bromophenyl-phenylether
Concen: 3.06 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083272.D
Acq: 25 Nov 2015 14:28

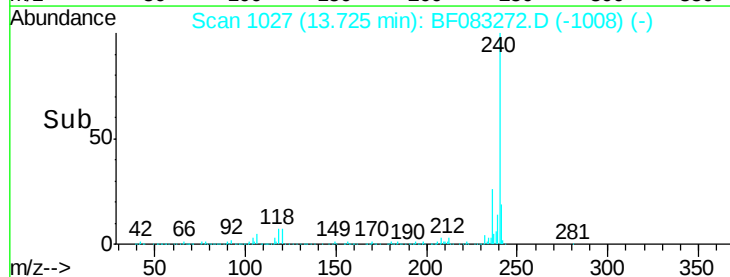
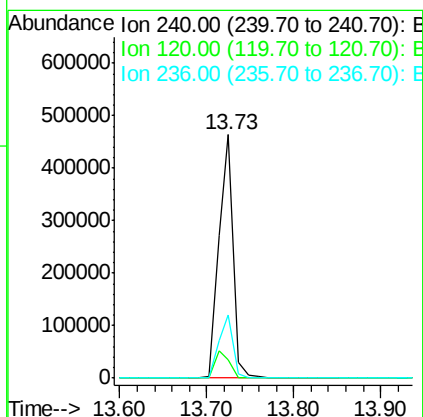
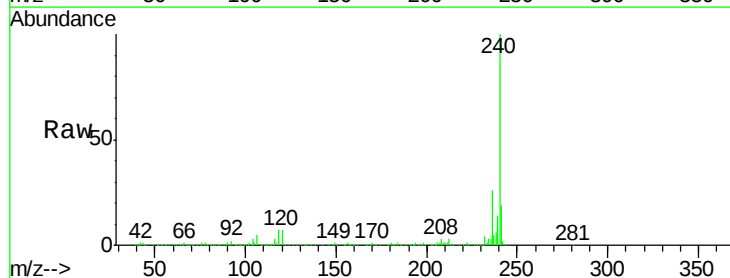
Instrument :
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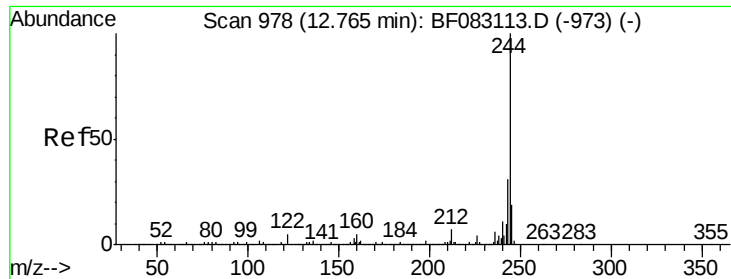
Tgt Ion:248 Resp: 20360
Ion Ratio Lower Upper
248 100
250 199.2 75.4 113.2#
141 521.9 48.1 72.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083272.D
Acq: 25 Nov 2015 14:28

Tgt Ion:240 Resp: 534303
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.2
236 26.0 20.6 31.0





#78

Terphenyl-d14

Concen: 76.43 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083272.D

Acq: 25 Nov 2015 14:28

Instrument :

BNA_F

ClientSampleId :

112015-A263-E-U-M

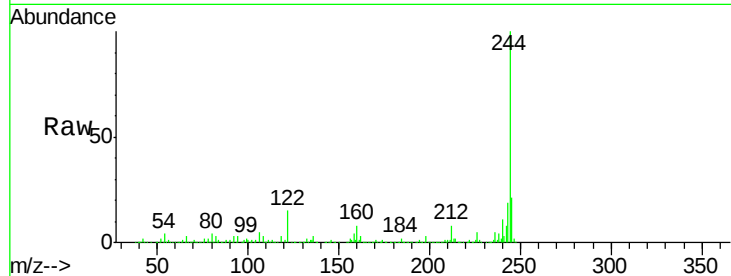
Tgt Ion:244 Resp: 1734171

Ion Ratio Lower Upper

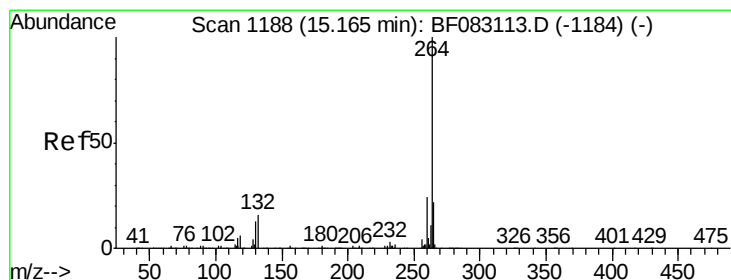
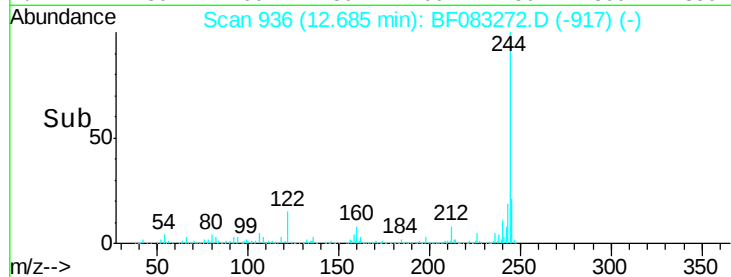
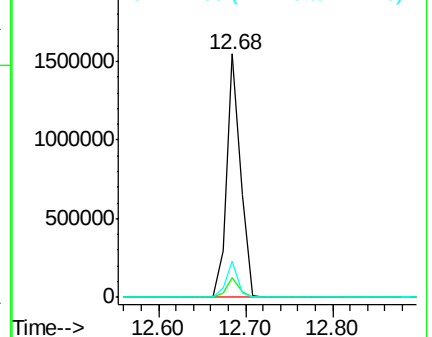
244 100

212 8.1 5.4 8.2

122 14.8 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083272.D

Acq: 25 Nov 2015 14:28

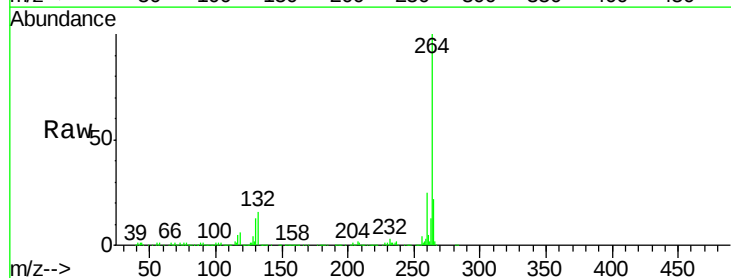
Tgt Ion:264 Resp: 415175

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 21.6 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

