

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082615.D
 Acq On : 31 Oct 2015 12:11
 Operator : UM/IZ
 Sample : G4191-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-26-L

Quant Time: Nov 02 00:28:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

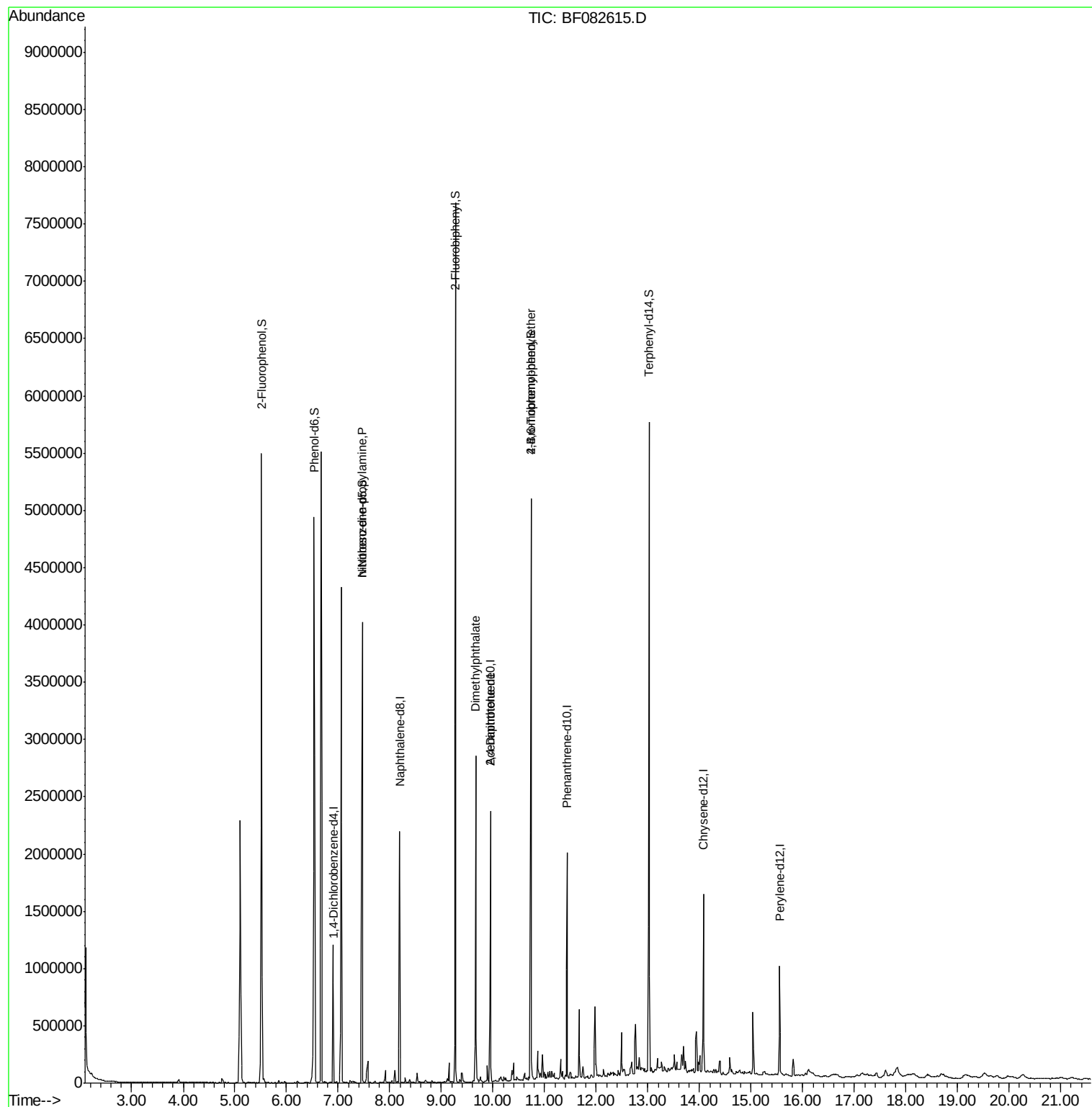
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	207467	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	837626	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	447830	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	800906	20.00	ng	0.00
75) Chrysene-d12	14.08	240	520475	20.00	ng	0.00
86) Perylene-d12	15.55	264	449803	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1513037	109.84	ng	0.01
7) Phenol-d6	6.53	99	2208255	120.67	ng	0.00
23) Nitrobenzene-d5	7.47	82	1655019	80.68	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	531733	108.49	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2303157	73.02	ng	0.00
78) Terphenyl-d14	13.02	244	1639972	68.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	239436	17.26	ng	# 69
49) Dimethylphthalate	9.66	163	987728	27.01	ng	99
56) 2,4-Dinitrotoluene	9.95	165	57051	5.57	ng	# 15
66) 4-Bromophenyl-phenylether	10.74	248	40350	4.45	ng	# 1

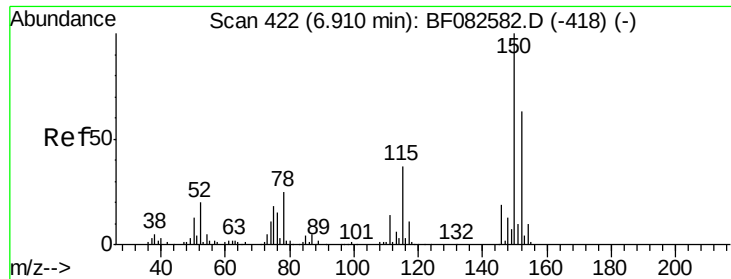
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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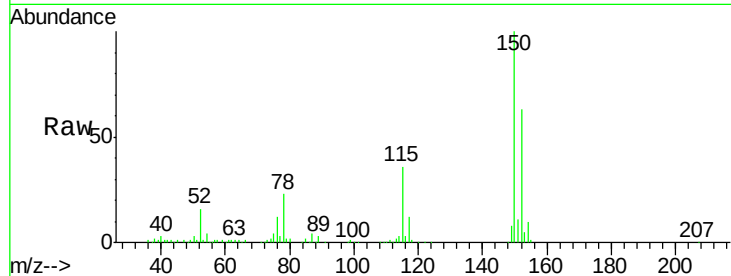


#1

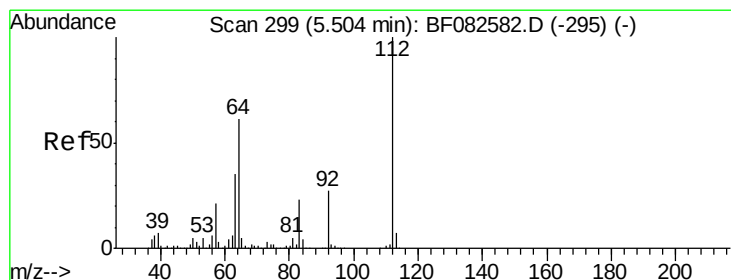
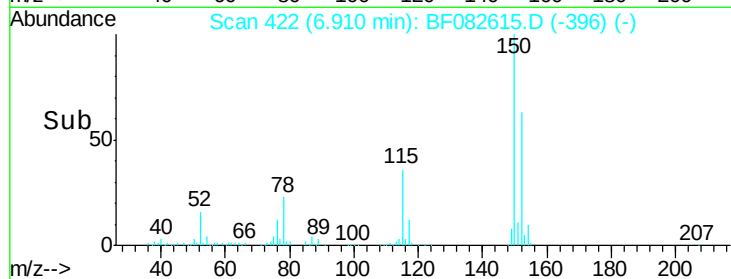
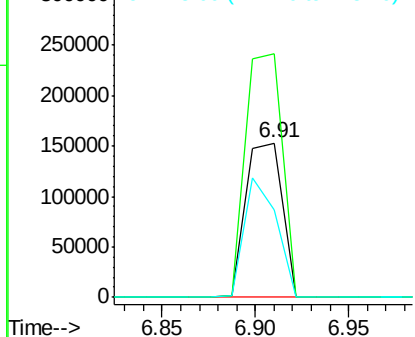
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF082615.D
Acq: 31 Oct 2015 12:11

Instrument :
BNA_F
ClientSampleId :
T-26-L

Tgt Ion:152 Resp: 207467
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.4
115 56.4 47.0 70.6



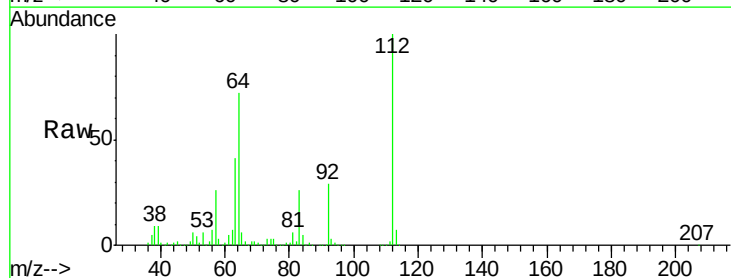
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



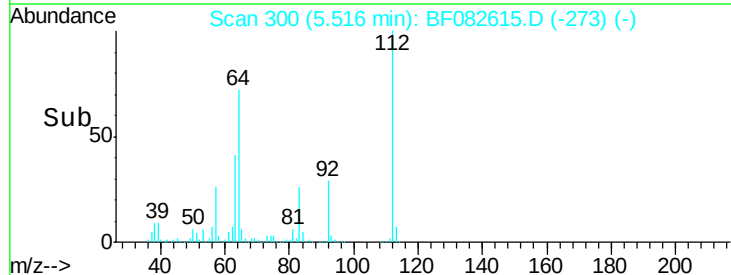
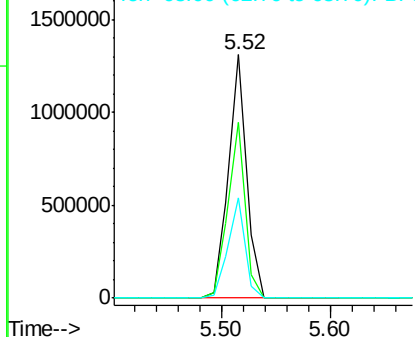
#5

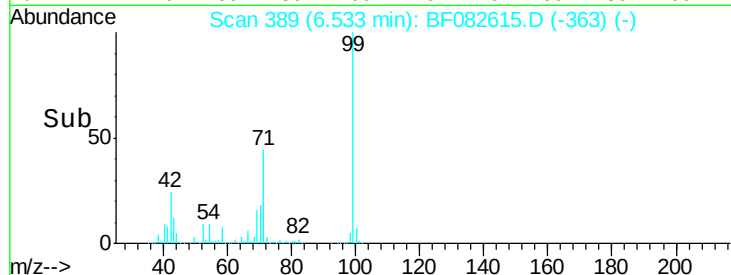
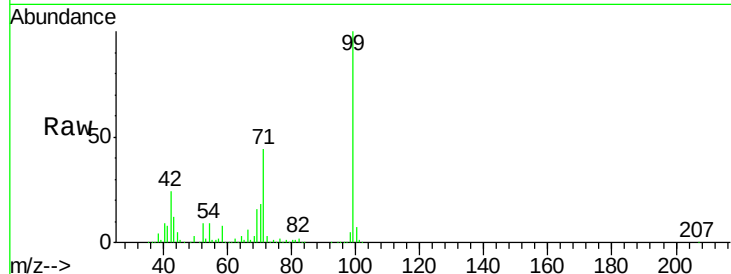
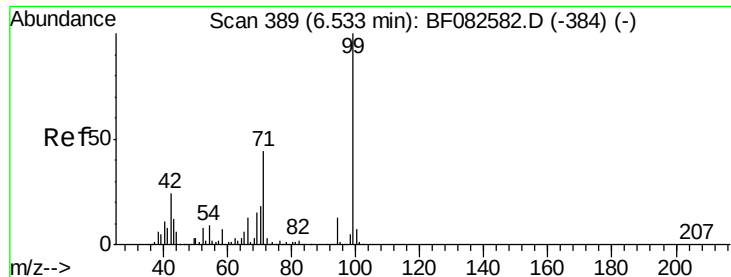
2-Fluorophenol
Concen: 109.84 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082615.D
Acq: 31 Oct 2015 12:11

Tgt Ion:112 Resp: 1513037
Ion Ratio Lower Upper
112 100
64 72.3 48.9 73.3
63 41.0 28.1 42.1



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: 120.67 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

Instrument :

BNA_F

ClientSampleId :

T-26-L

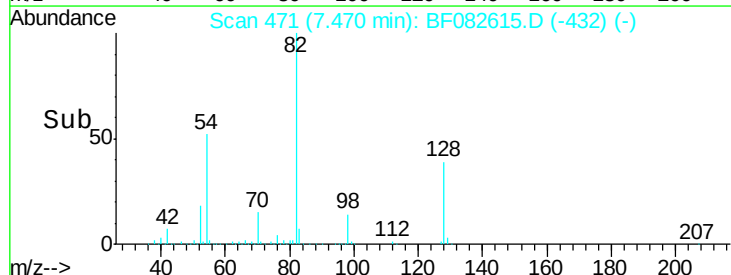
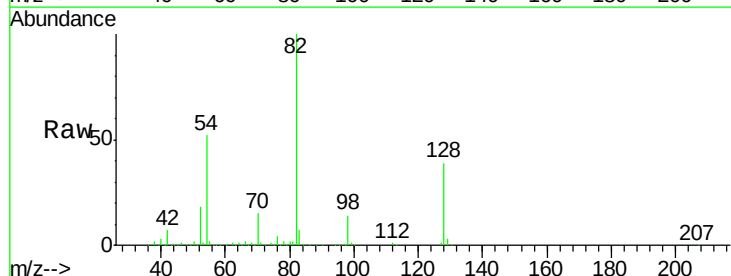
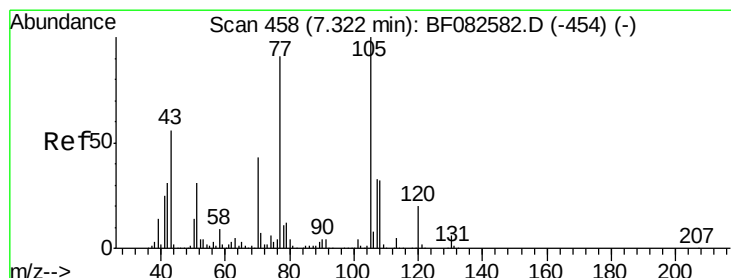
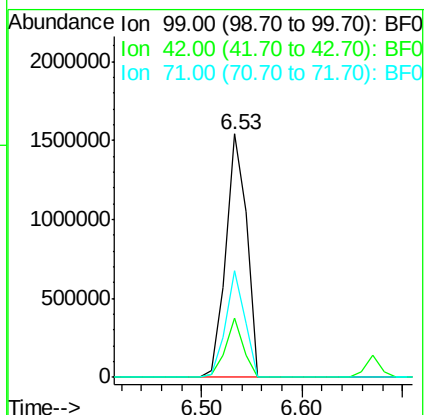
Tgt Ion: 99 Resp: 2208255

Ion Ratio Lower Upper

99 100

42 24.4 19.2 28.8

71 43.8 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.26 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

Tgt Ion: 70 Resp: 239436

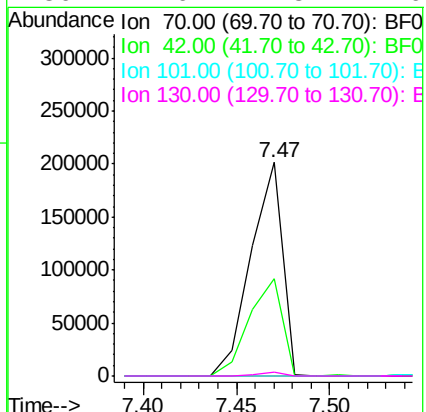
Ion Ratio Lower Upper

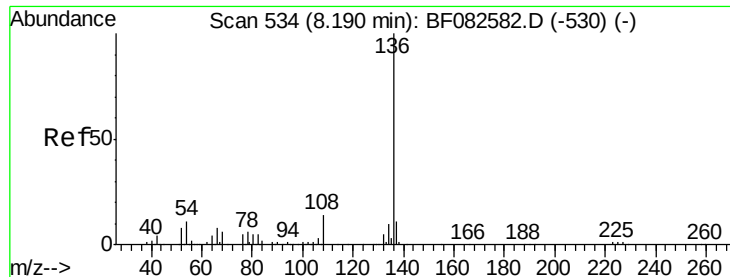
70 100

42 45.6 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#

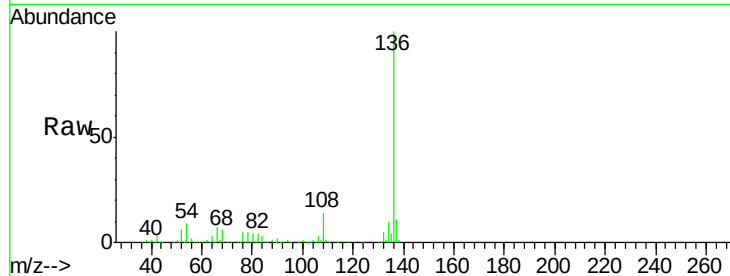




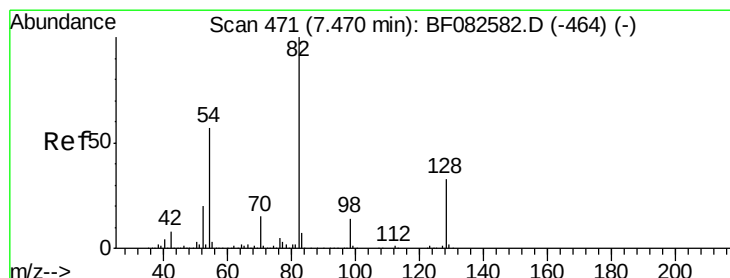
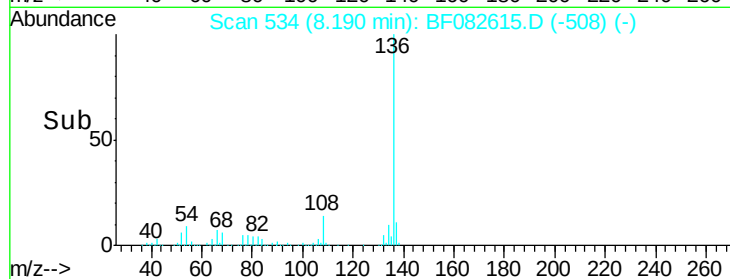
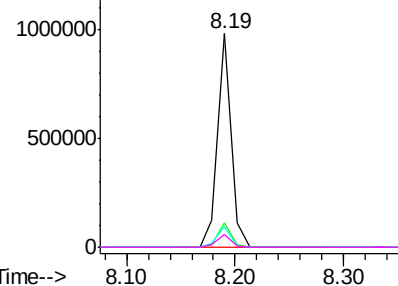
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082615.D
Acq: 31 Oct 2015 12:11

Instrument :
BNA_F
ClientSampleId :
T-26-L

Tgt Ion:	136	Resp:	837626
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	9.1	13.7
68	5.7	4.8	7.2

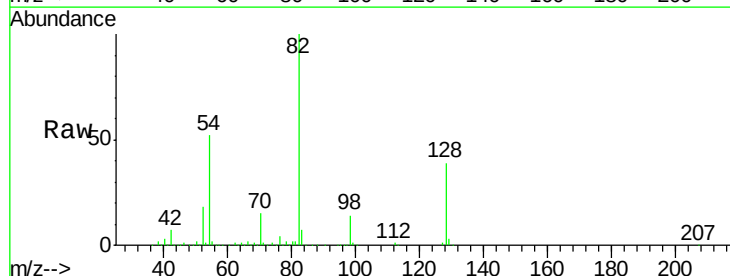


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

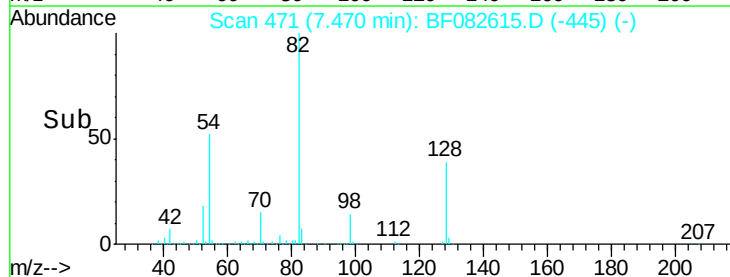
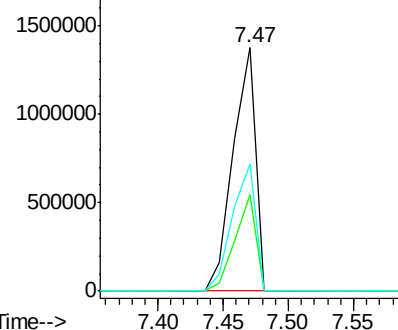


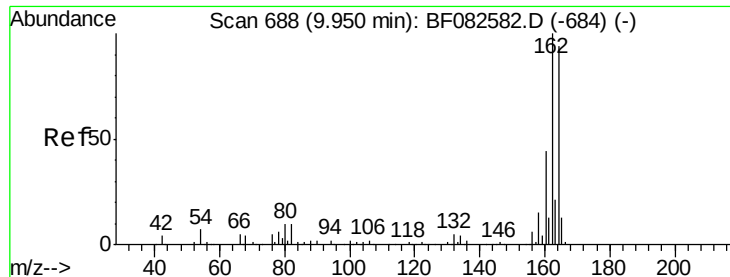
#23
Nitrobenzene-d5
Concen: 80.68 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082615.D
Acq: 31 Oct 2015 12:11

Tgt Ion:	82	Resp:	1655019
Ion	Ratio	Lower	Upper
82	100		
128	39.5	26.8	40.2
54	52.0	45.7	68.5



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

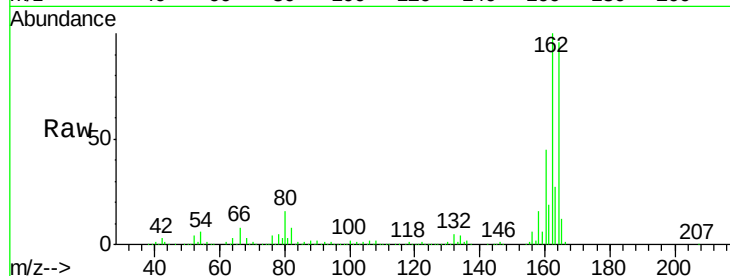




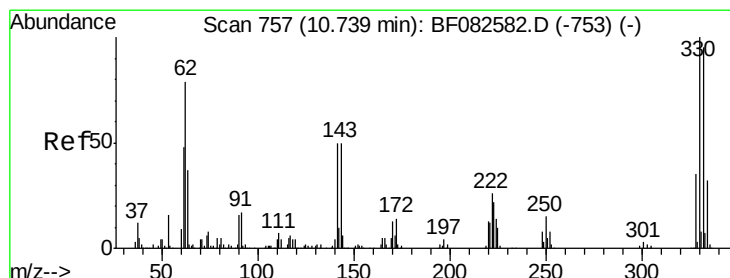
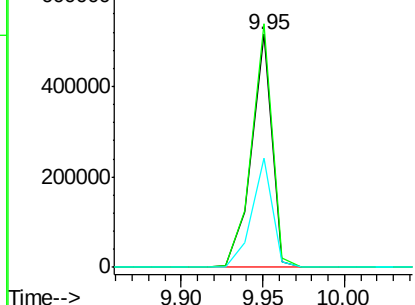
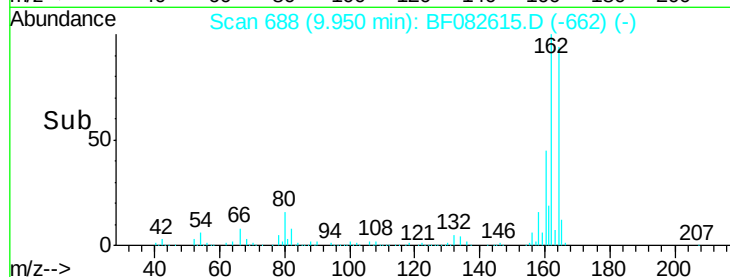
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082615.D
Acq: 31 Oct 2015 12:11

Instrument :
BNA_F
ClientSampleId :
T-26-L

Tgt Ion:164 Resp: 447830
Ion Ratio Lower Upper
164 100
162 104.6 84.9 127.3
160 47.0 37.5 56.3

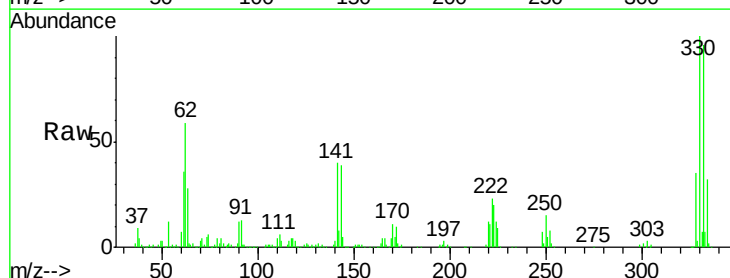


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

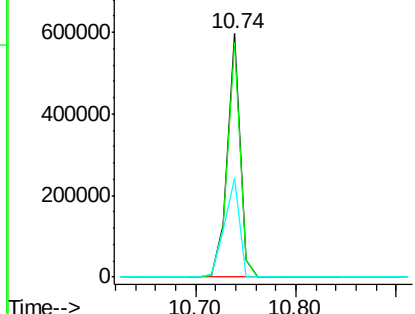
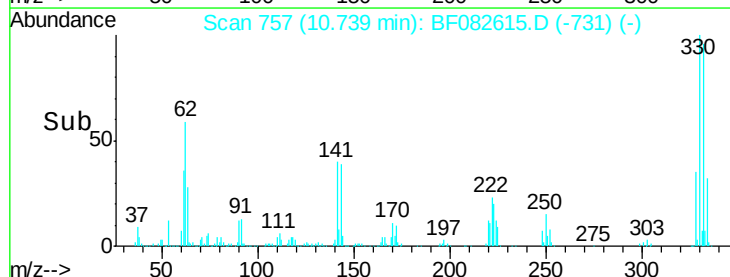


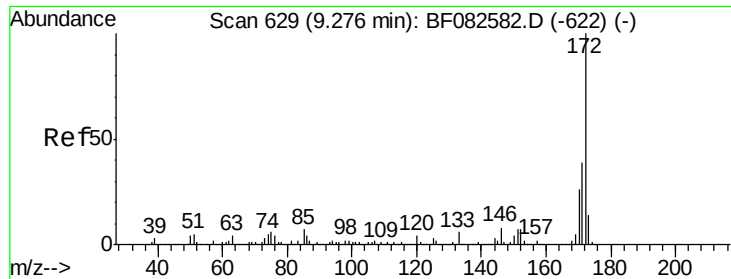
#41
2,4,6-Tribromophenol
Concen: 108.49 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF082615.D
Acq: 31 Oct 2015 12:11

Tgt Ion:330 Resp: 531733
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 47.0 41.2 61.8



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: 73.02 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

Instrument :

BNA_F

ClientSampleId :

T-26-L

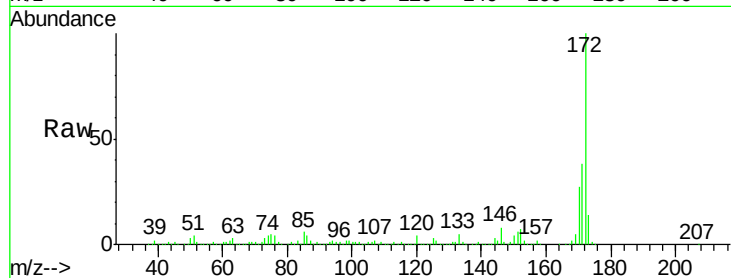
Tgt Ion:172 Resp: 2303157

Ion Ratio Lower Upper

172 100

171 38.3 30.8 46.2

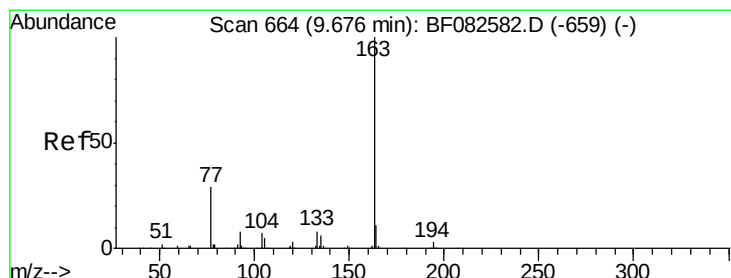
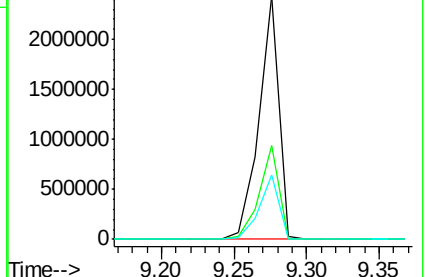
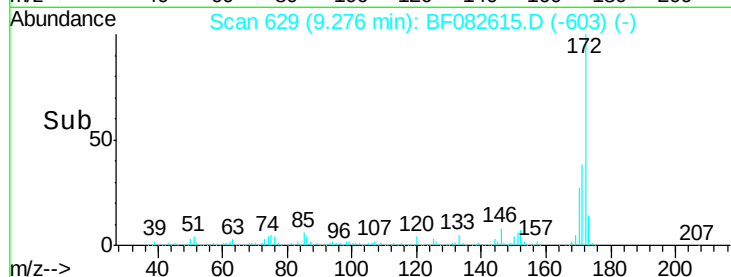
170 26.6 21.2 31.8



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: 27.01 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

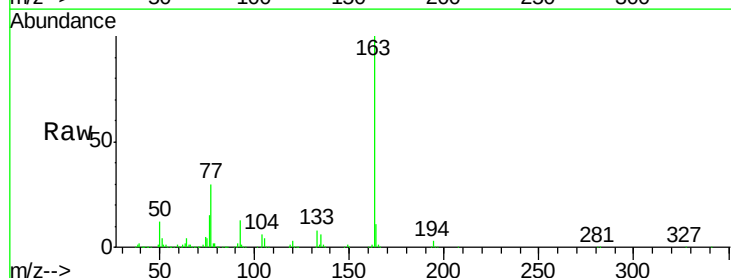
Tgt Ion:163 Resp: 987728

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

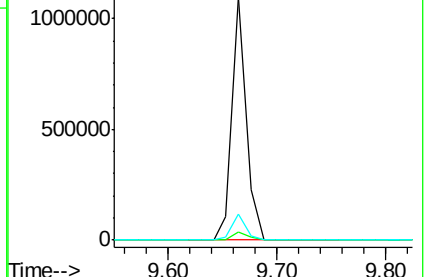
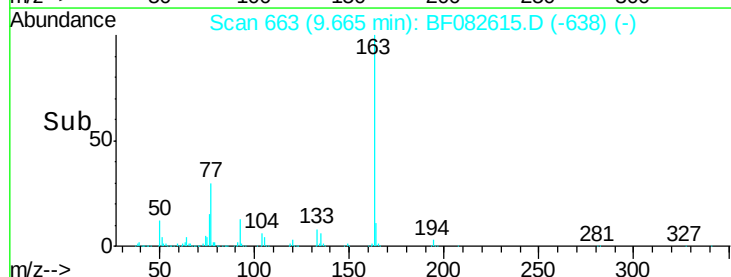
164 10.6 8.7 13.1

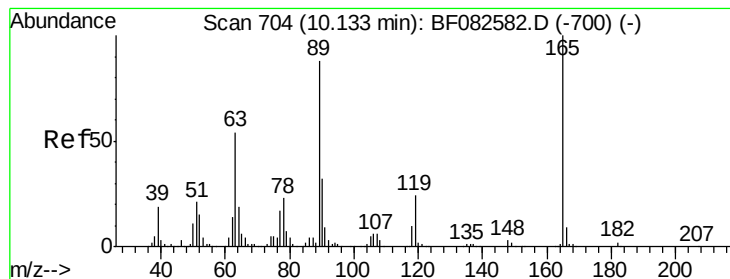


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.57 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

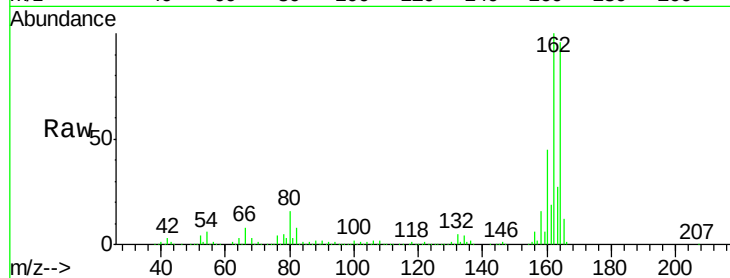
Instrument :

BNA_F

ClientSampleId :

T-26-L

Tgt Ion:	165	Resp:	57051
Ion Ratio	Lower	Upper	
165	100		
63	1.2	43.4	65.0#
89	1.2	70.6	106.0#
182	0.0	1.5	2.3#

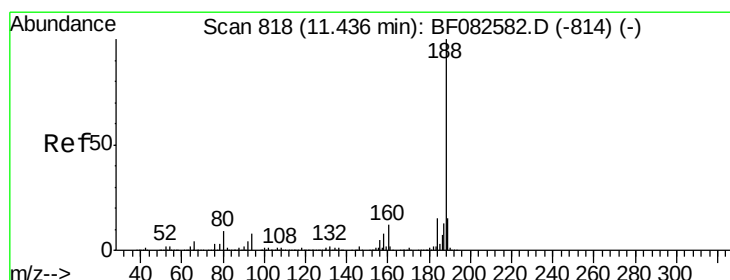
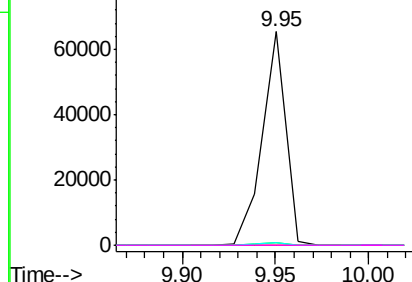
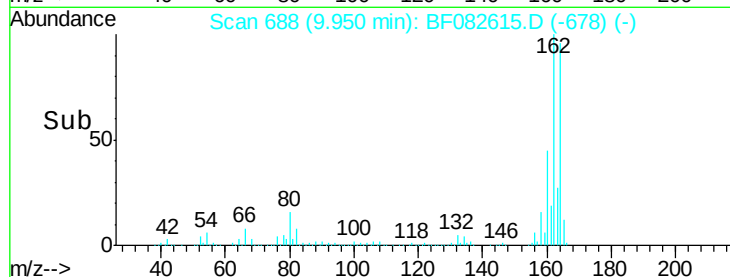


Abundance Ion 165.00 (164.70 to 165.70): E

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

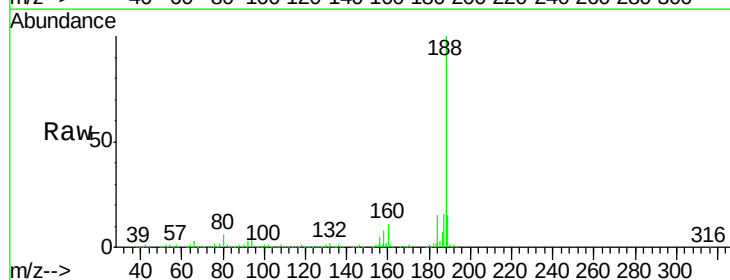
RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

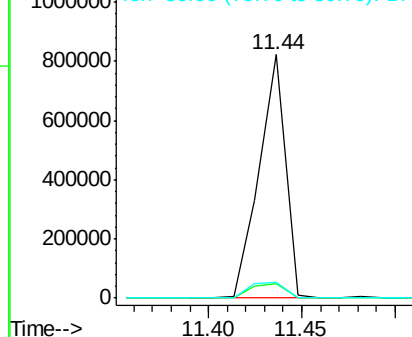
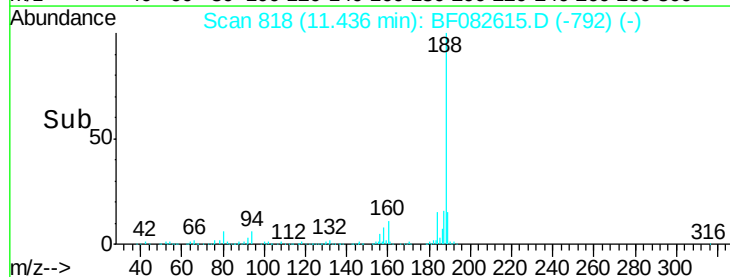
Tgt Ion:	188	Resp:	800906
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.1	9.1#
80	6.4	7.0	10.6#

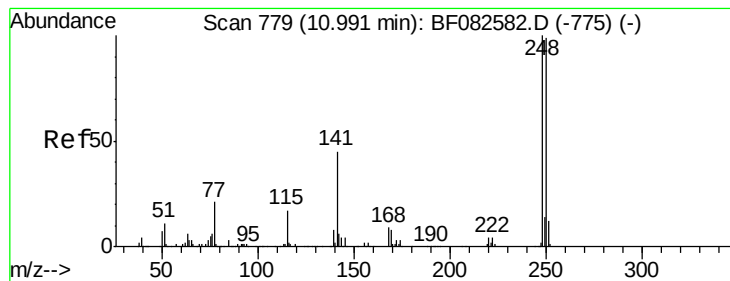


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.45 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

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T-26-L

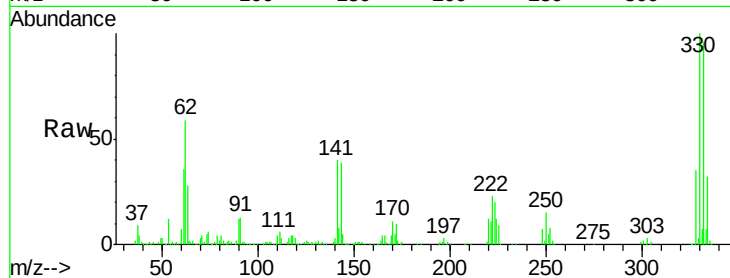
Tgt Ion:248 Resp: 40350

Ion Ratio Lower Upper

248 100

250 197.1 79.4 119.2#

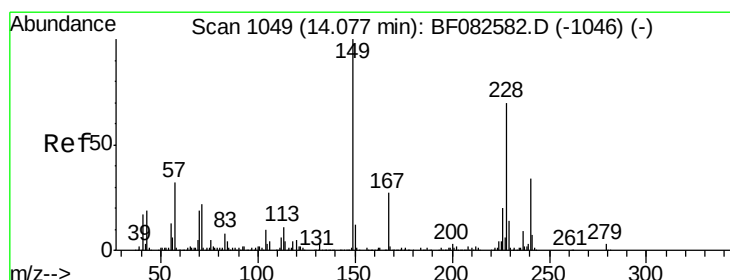
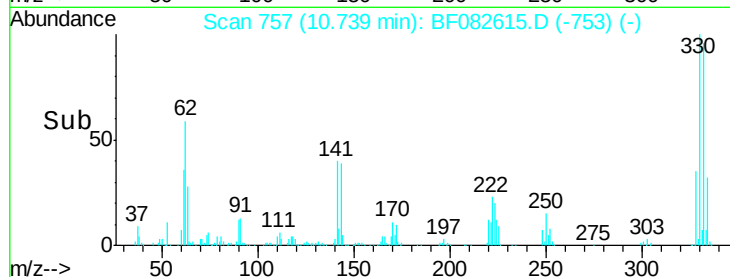
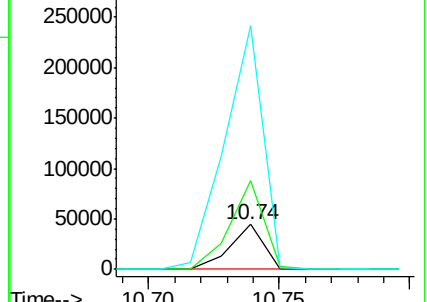
141 541.8 36.3 54.5#



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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

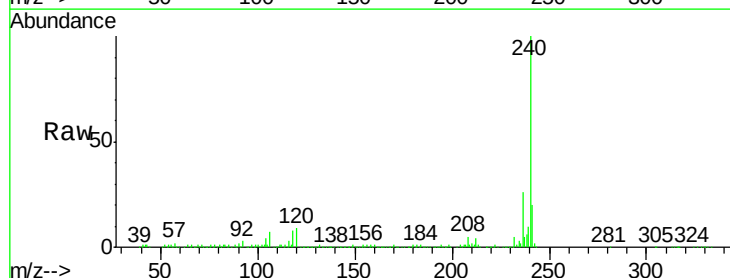
Tgt Ion:240 Resp: 520475

Ion Ratio Lower Upper

240 100

120 9.0 10.9 16.3#

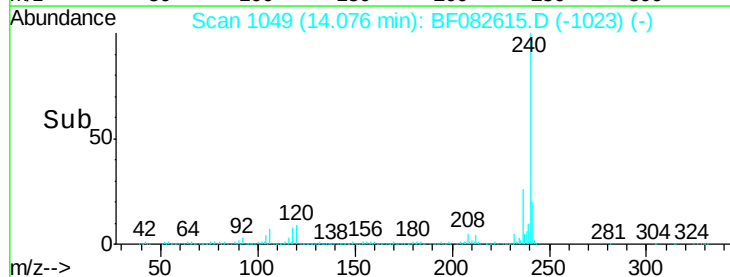
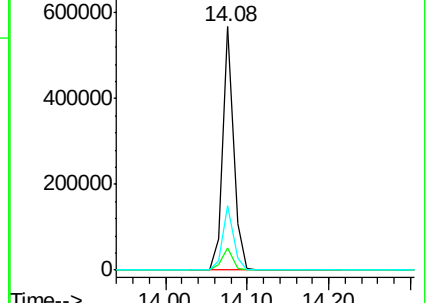
236 26.3 21.6 32.4

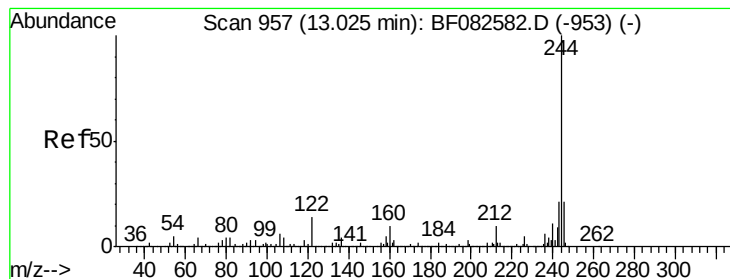


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.96 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

Instrument :

BNA_F

ClientSampleId :

T-26-L

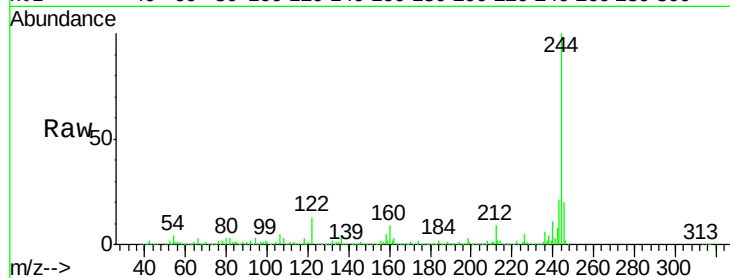
Tgt Ion:244 Resp: 1639972

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

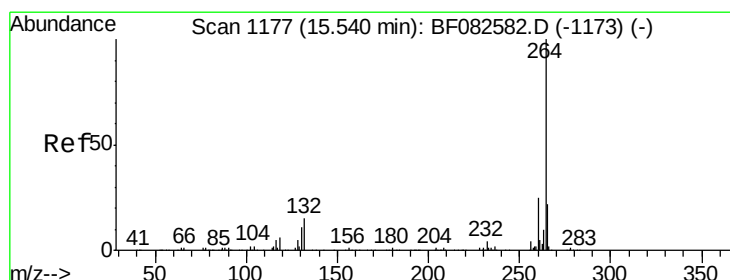
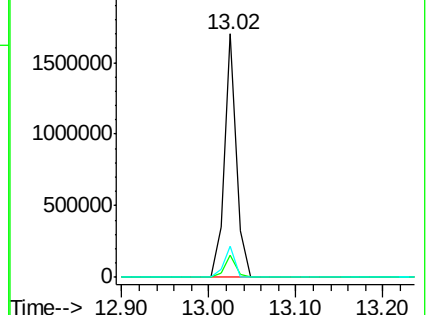
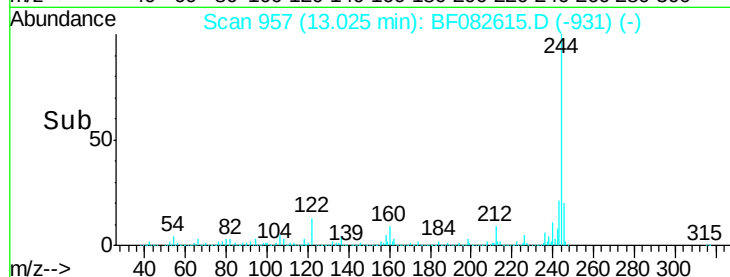
122 12.8 11.3 16.9



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: 15.55 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF082615.D

Acq: 31 Oct 2015 12:11

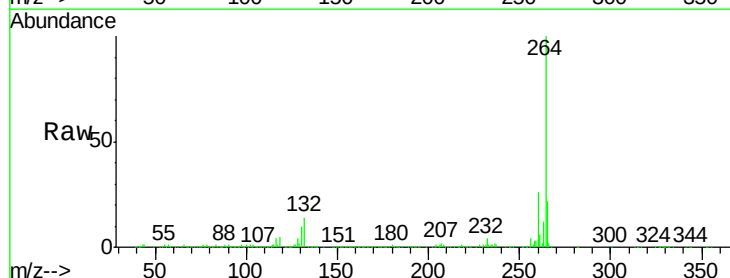
Tgt Ion:264 Resp: 449803

Ion Ratio Lower Upper

264 100

260 25.7 19.8 29.6

265 21.6 17.4 26.0



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

