

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082976.D
 Acq On : 17 Nov 2015 20:05
 Operator : UM/IZ
 Sample : G4439-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:26:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

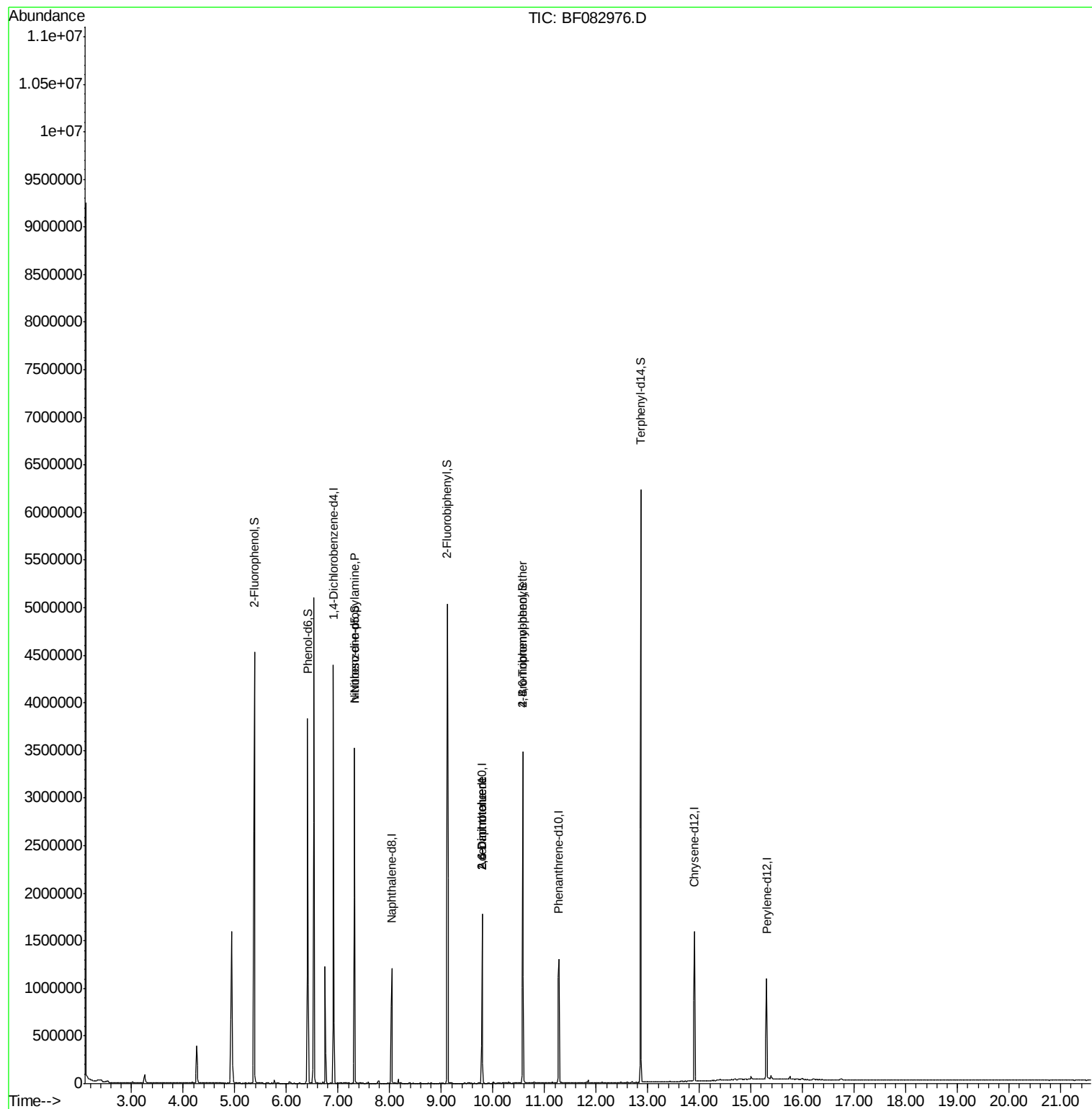
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	605897	20.00	ng	0.06
21) Naphthalene-d8	8.04	136	682982	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	356730	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	688946	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	643290	20.00	ng	-0.11
86) Perylene-d12	15.30	264	450165	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1406576	36.12	ng	-0.07
7) Phenol-d6	6.41	99	1495741	28.89	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1388863	88.48	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	483665	118.25	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	2039169	81.93	ng	-0.10
78) Terphenyl-d14	12.87	244	2009596	74.09	ng	-0.10
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	189585	4.98	ng	# 68
50) 2,6-Dinitrotoluene	9.79	165	44912	7.20	ng	# 17
56) 2,4-Dinitrotoluene	9.79	165	44905	5.31	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	30056	3.62	ng	# 1

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

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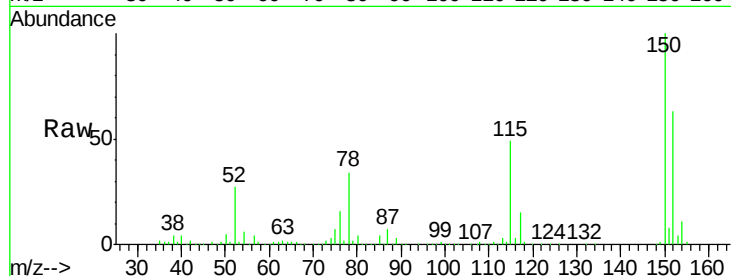


#1

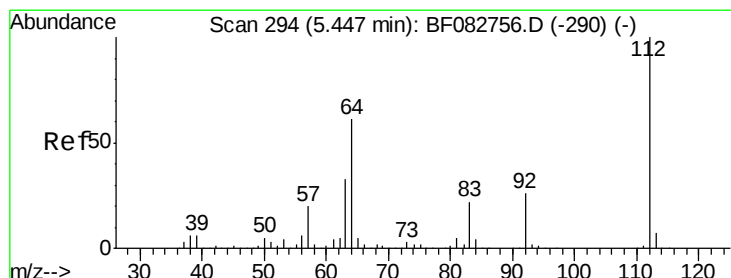
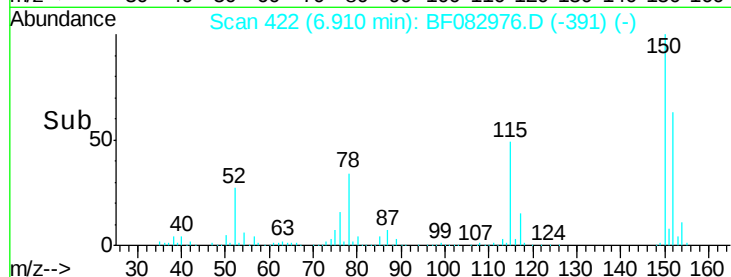
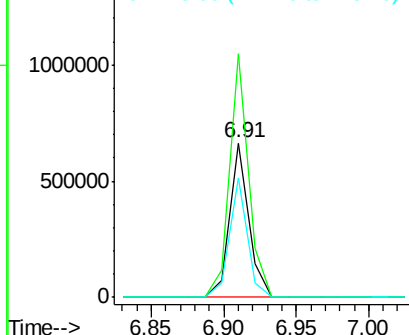
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.06 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 605897
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.4
115 77.1 47.0 70.6#



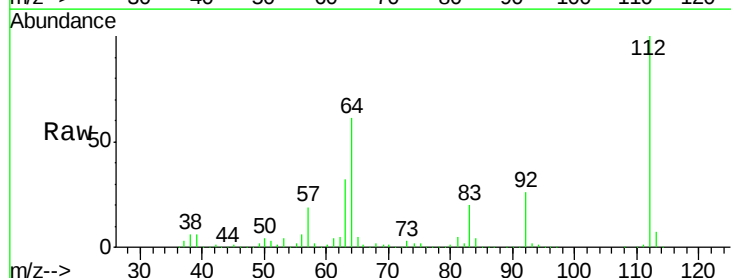
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



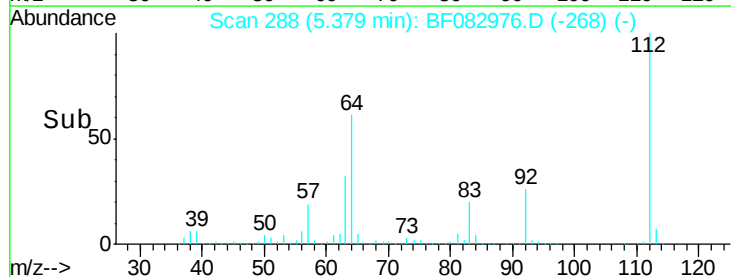
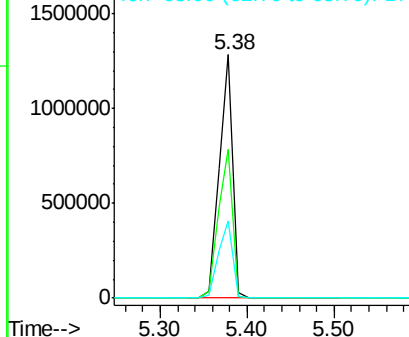
#5

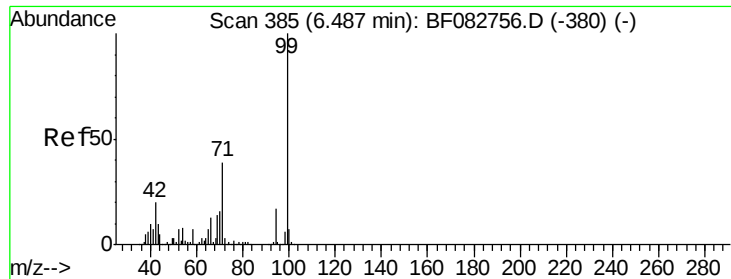
2-Fluorophenol
Concen: 36.12 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Tgt Ion:112 Resp: 1406576
Ion Ratio Lower Upper
112 100
64 61.3 48.9 73.3
63 31.6 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: 28.89 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082976.D

Acq: 17 Nov 2015 20:05

Instrument :

BNA_F

ClientSampleId :

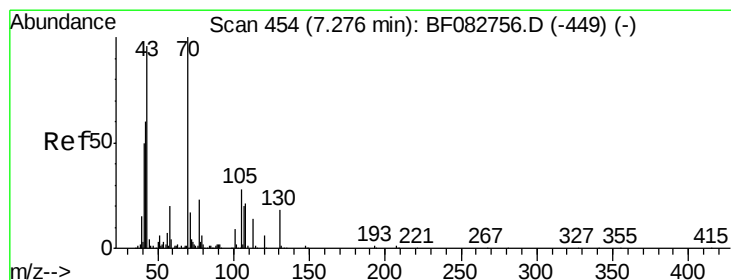
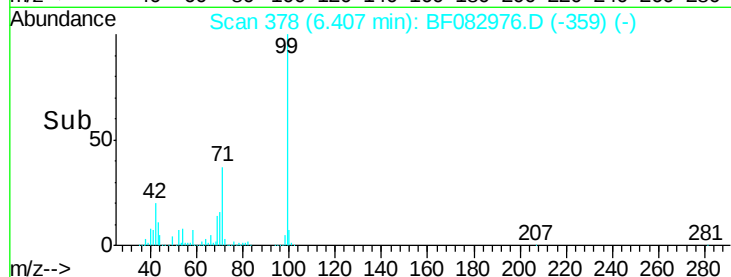
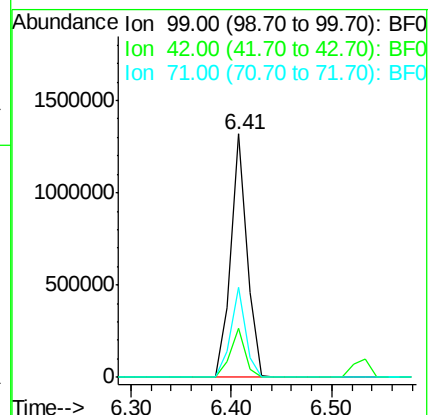
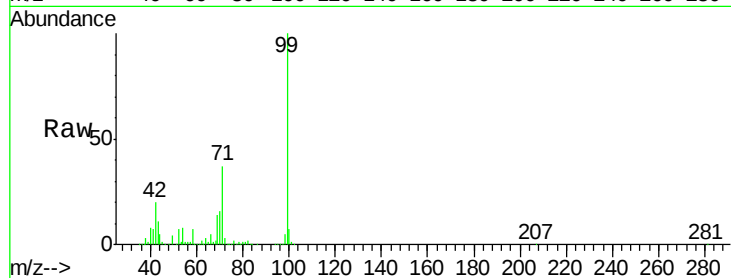
Tot Ion: 99 Resp: 1495741

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

71 36.8 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.98 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF082976.D

Acq: 17 Nov 2015 20:05

Tgt Ion: 70 Resp: 189585

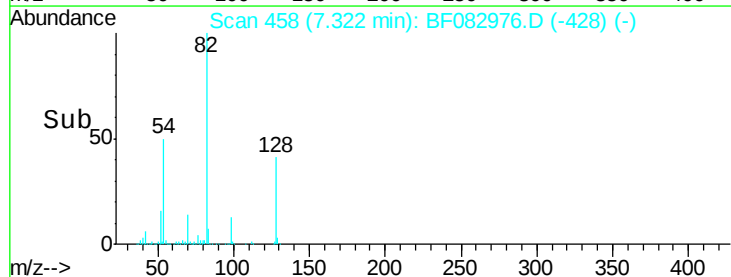
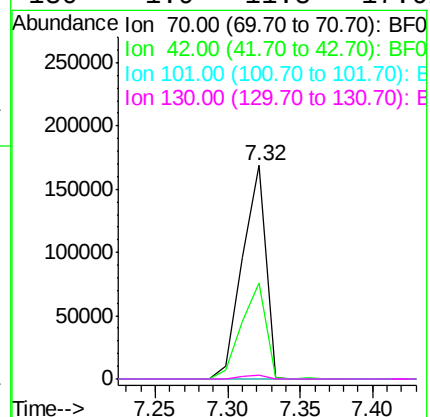
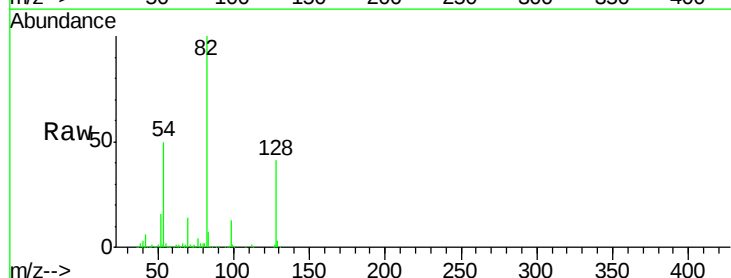
Ion Ratio Lower Upper

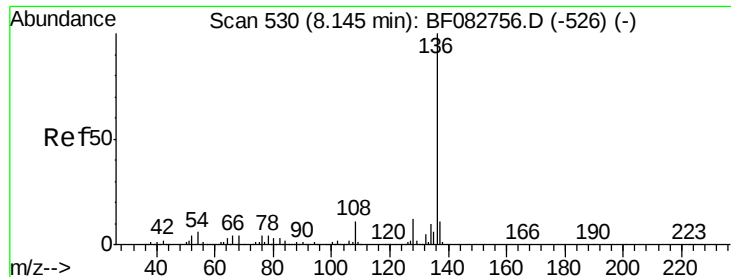
70 100

42 44.8 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#

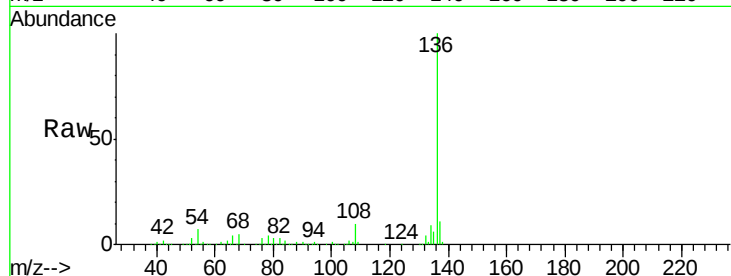




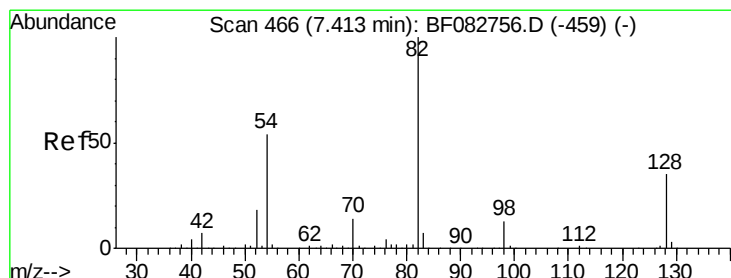
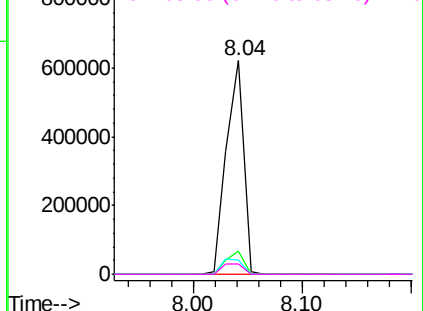
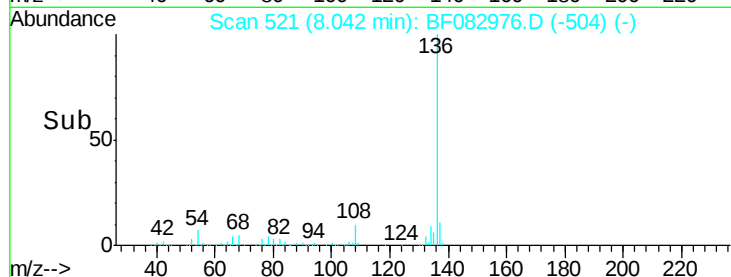
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 682982
Ion Ratio	Lower Upper
136 100	
137 10.9	9.1 13.7
54 6.7	9.1 13.7#
68 4.9	4.8 7.2

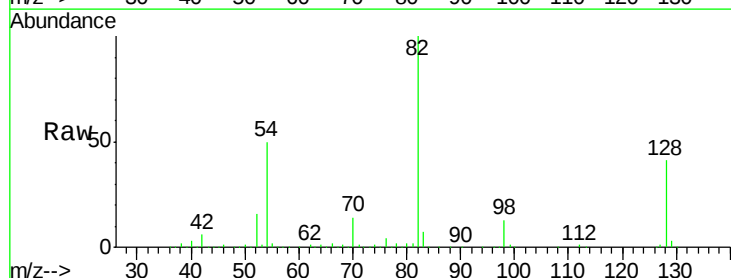


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

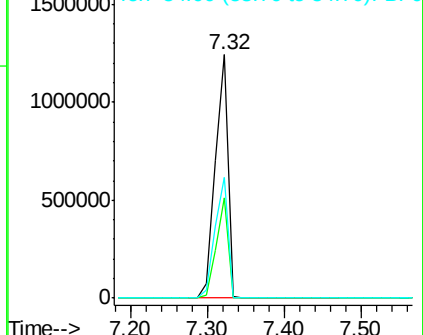
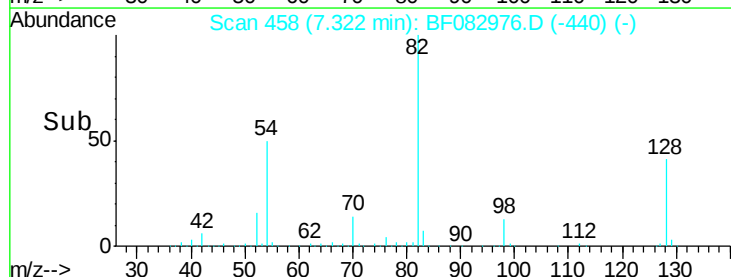


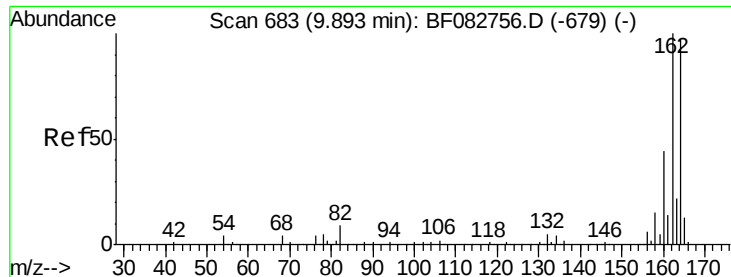
#23
Nitrobenzene-d5
Concen: 88.48 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Tgt Ion: 82	Resp: 1388863
Ion Ratio	Lower Upper
82 100	
128 41.2	26.8 40.2#
54 49.8	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

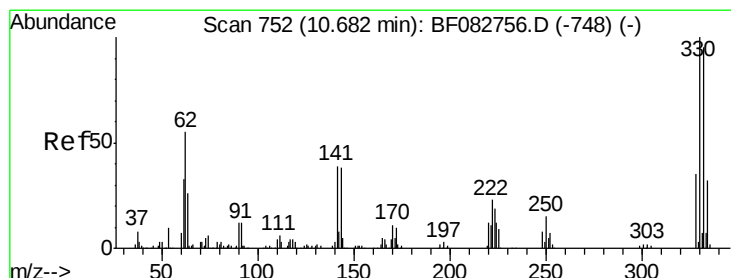
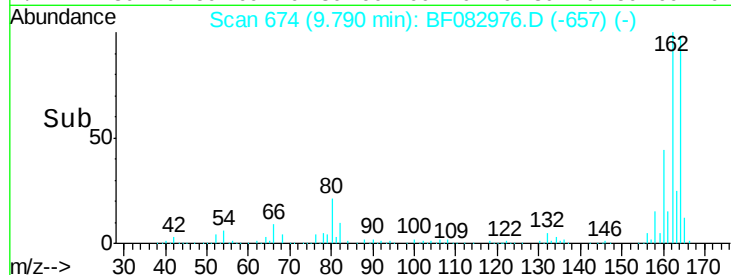
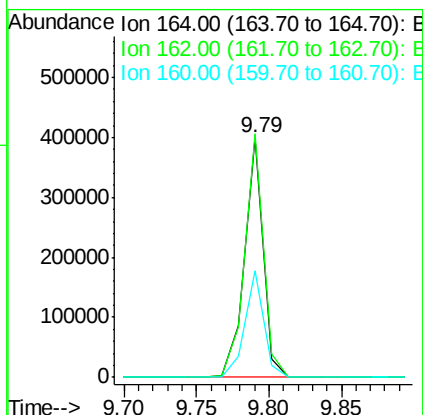
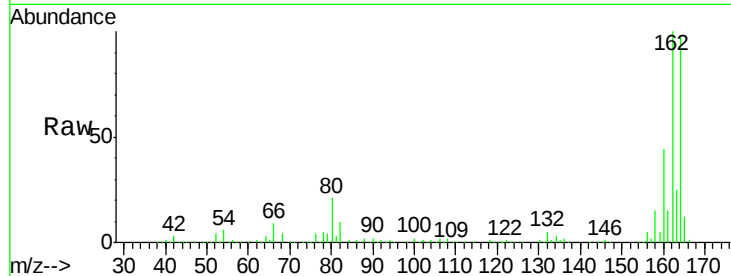




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

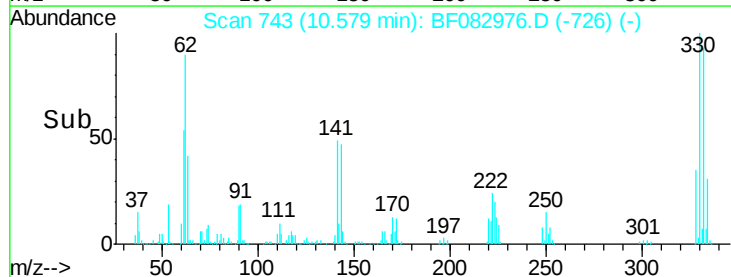
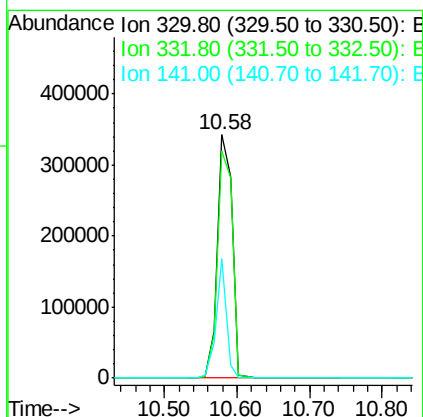
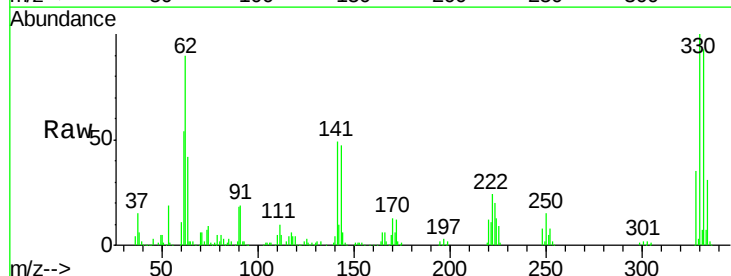
Instrument :
BNA_F
ClientSampleId :

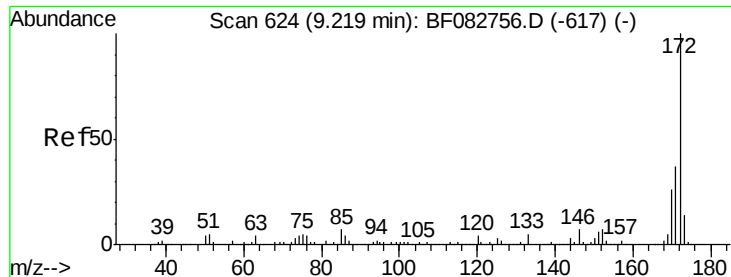
Tot Ion:164 Resp: 356730
Ion Ratio Lower Upper
164 100
162 101.6 84.9 127.3
160 44.4 37.5 56.3



#41
2,4,6-Tribromophenol
Concen: 118.25 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.10 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Tgt Ion:330 Resp: 483665
Ion Ratio Lower Upper
330 100
332 95.9 76.6 114.8
141 34.4 41.2 61.8#



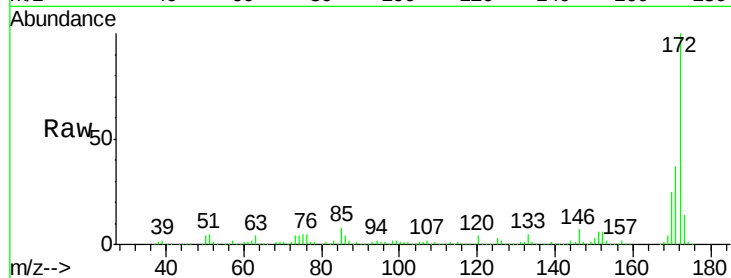


#44
 2-Fluorobiphenyl
 Concen: 81.93 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082976.D
 Acq: 17 Nov 2015 20:05

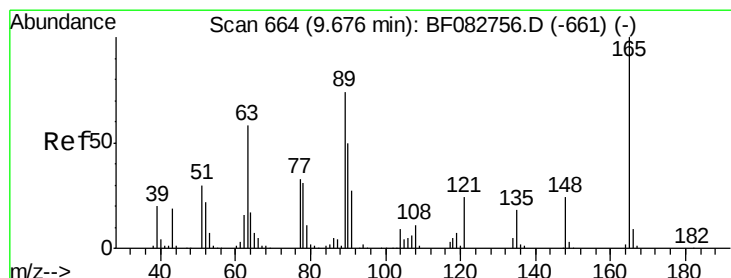
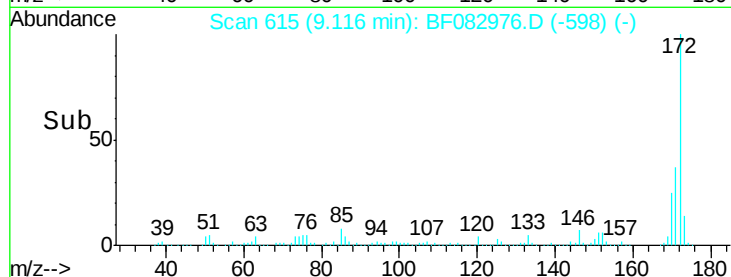
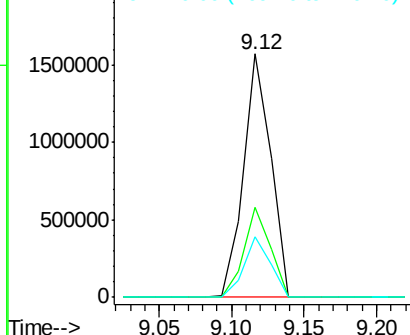
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2039169

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.9	21.2	31.8



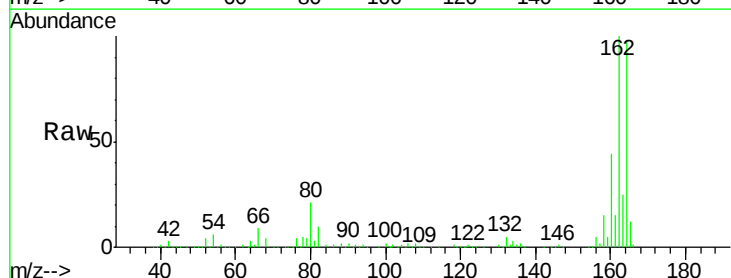
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



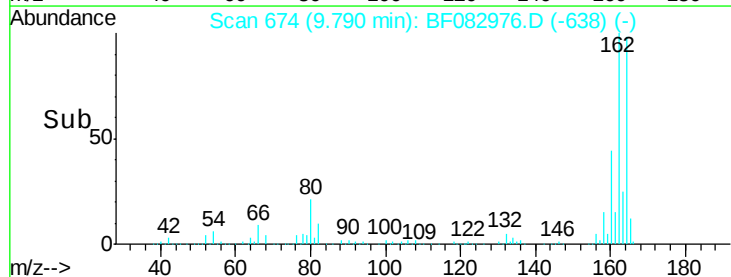
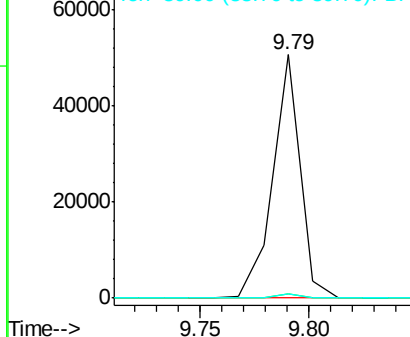
#50
 2,6-Dinitrotoluene
 Concen: 7.20 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.11 min
 Lab File: BF082976.D
 Acq: 17 Nov 2015 20:05

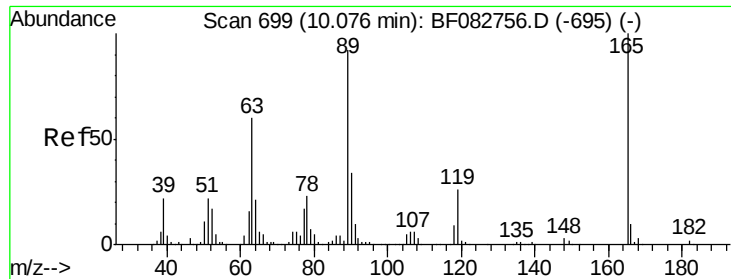
Tgt Ion:165 Resp: 44912

Ion	Ratio	Lower	Upper
165	100		
63	1.6	55.5	83.3#
89	2.0	55.0	82.6#



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





#56

2,4-Dinitrotoluene

Concen: 5.31 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.29 min

Lab File: BF082976.D

Acq: 17 Nov 2015 20:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 44905

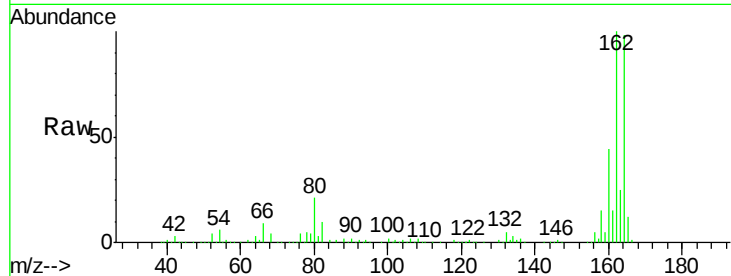
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 2.0 70.6 106.0#

182 0.0 1.5 2.3#

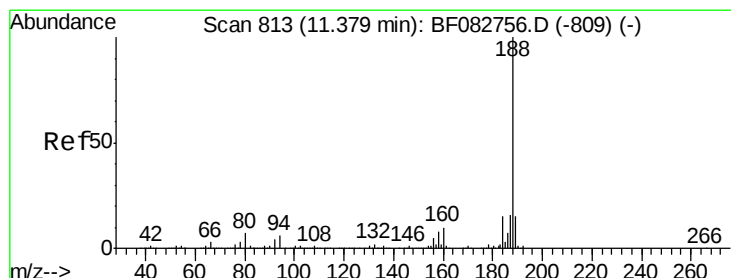
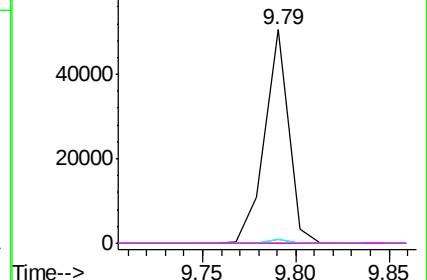
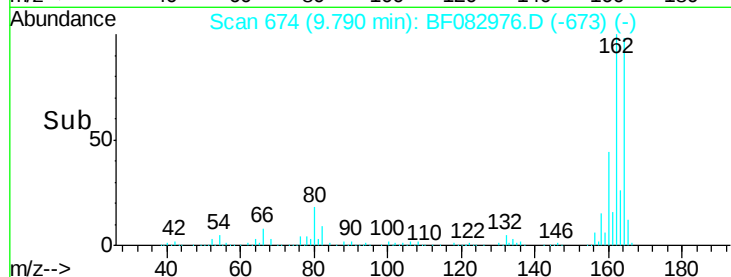


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 804

Delta R.T. -0.10 min

Lab File: BF082976.D

Acq: 17 Nov 2015 20:05

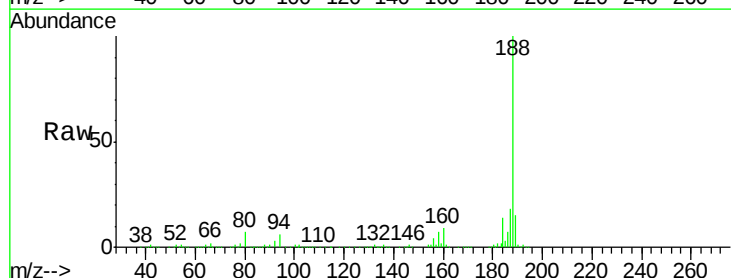
Tgt Ion:188 Resp: 688946

Ion Ratio Lower Upper

188 100

94 6.1 6.1 9.1#

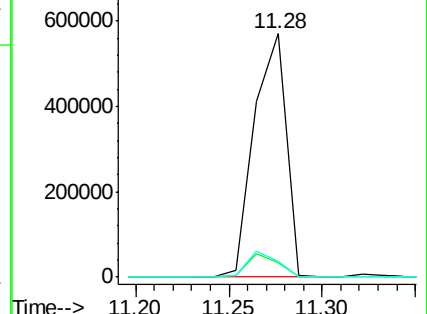
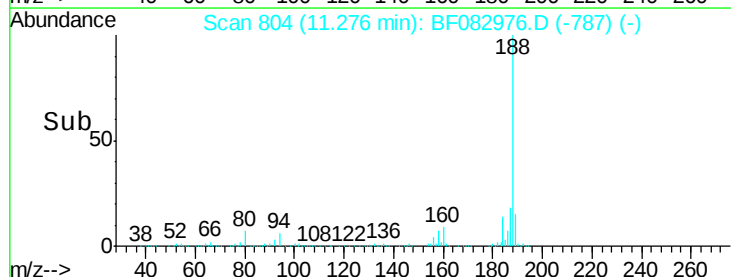
80 6.5 7.0 10.6#

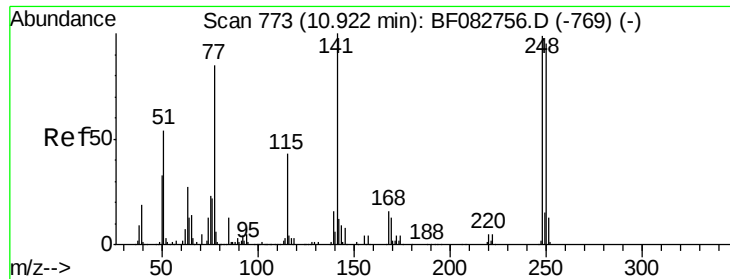


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

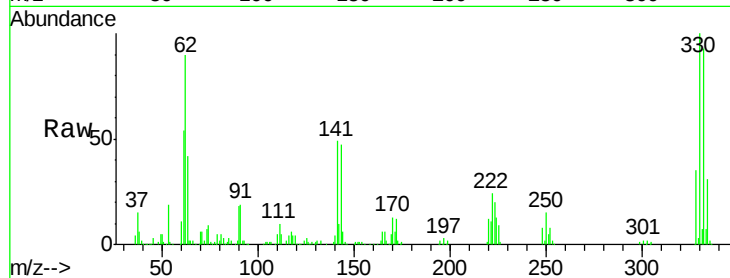




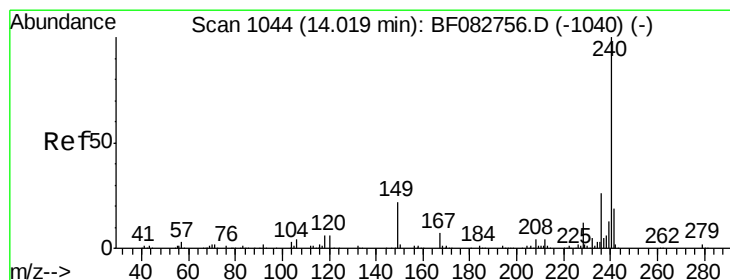
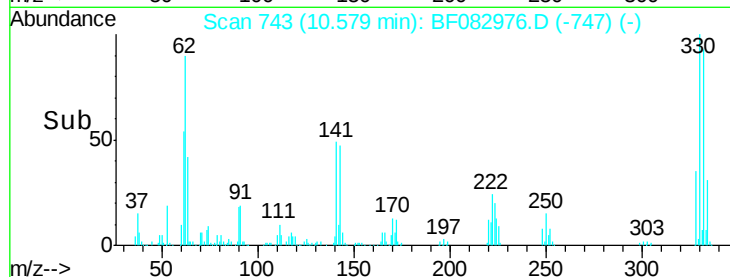
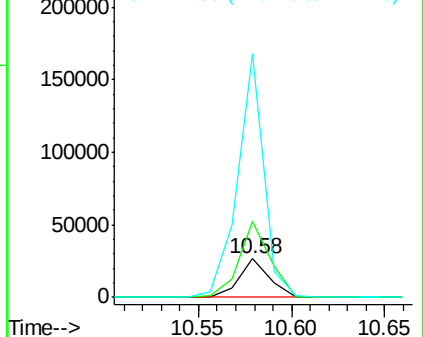
#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 30056
Ion Ratio Lower Upper
248 100
250 196.9 79.4 119.2#
141 633.2 36.3 54.5#

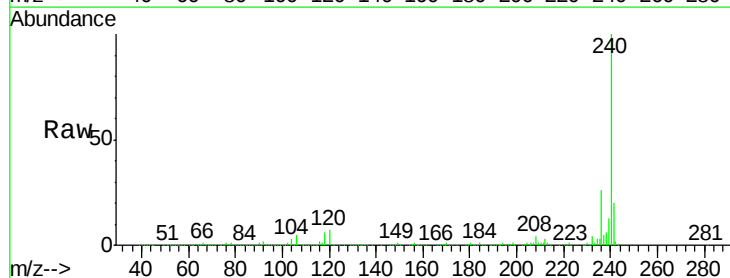


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

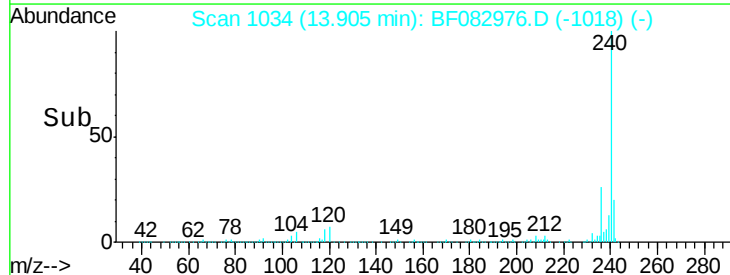
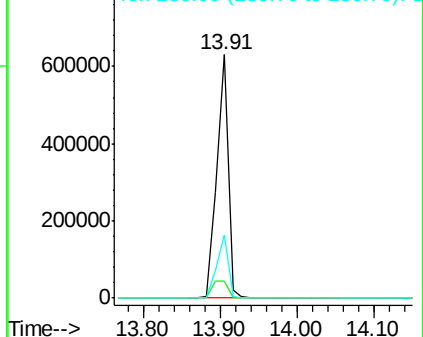


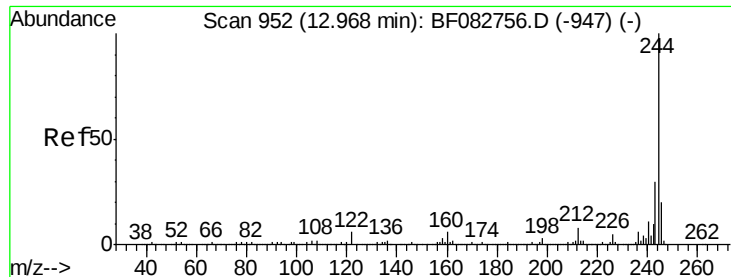
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082976.D
Acq: 17 Nov 2015 20:05

Tgt Ion:240 Resp: 643290
Ion Ratio Lower Upper
240 100
120 7.0 10.9 16.3#
236 26.2 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: 74.09 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082976.D

Acq: 17 Nov 2015 20:05

Instrument :

BNA_F

ClientSampled :

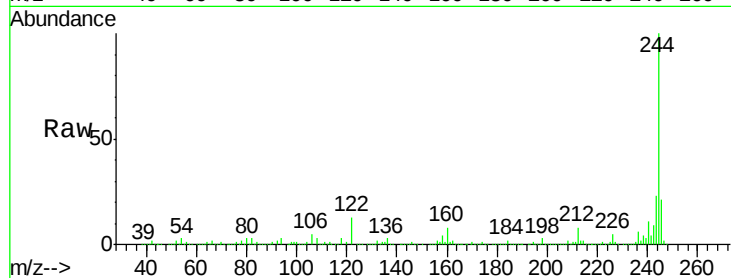
Tot Ion:244 Resp: 2009596

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

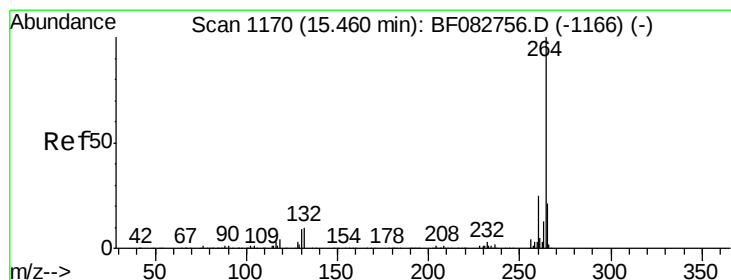
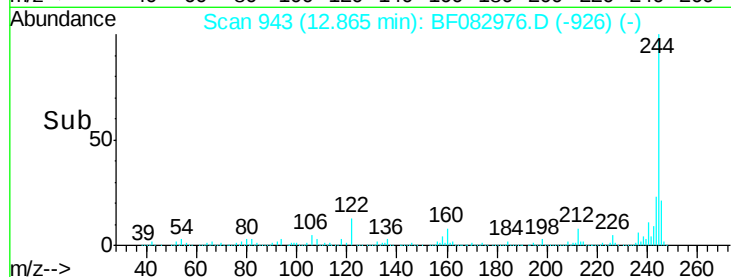
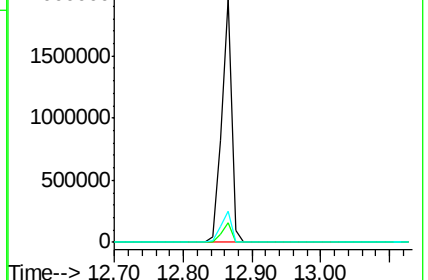
122 12.7 11.3 16.9



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: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082976.D

Acq: 17 Nov 2015 20:05

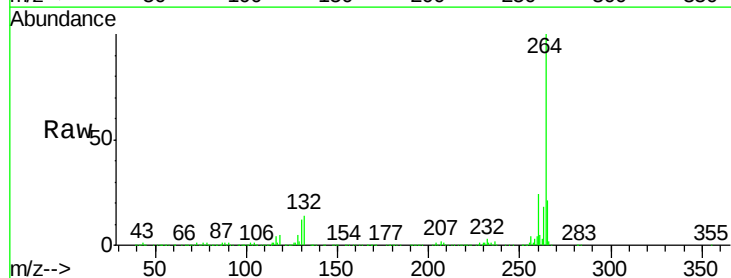
Tgt Ion:264 Resp: 450165

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 20.8 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

