

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082978.D
 Acq On : 17 Nov 2015 21:04
 Operator : UM/IZ
 Sample : G4426-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:27:22 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

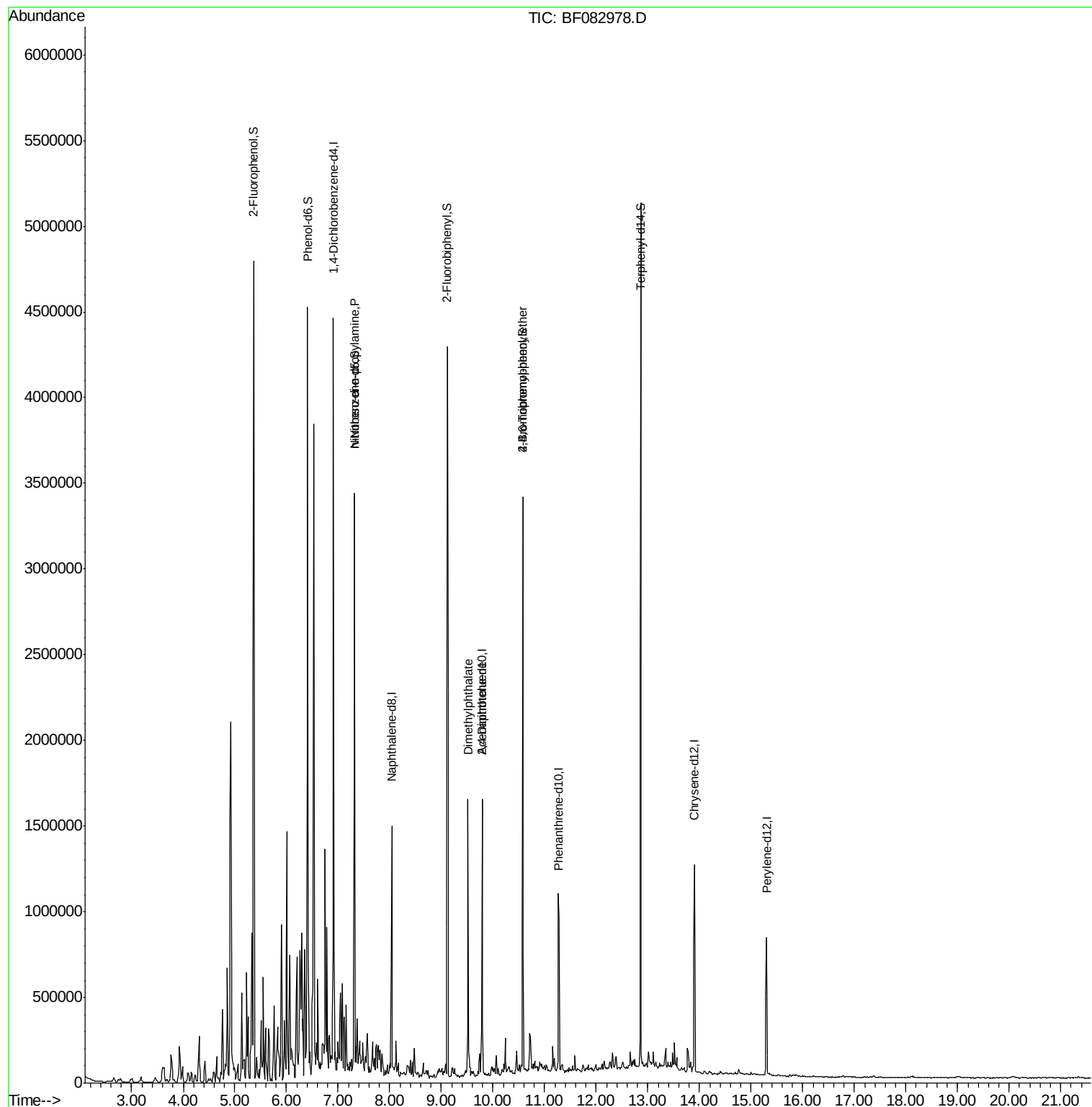
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	563507	20.00	ng	0.06
21) Naphthalene-d8	8.04	136	618463	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	306089	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	549725	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	513826	20.00	ng	-0.11
86) Perylene-d12	15.30	264	380957	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1336660	36.91	ng	-0.08
7) Phenol-d6	6.41	99	1619048	33.63	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1297325	91.27	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	375379	106.96	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1694446	79.34	ng	-0.10
78) Terphenyl-d14	12.86	244	1729458	79.83	ng	-0.10
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	190747	5.39	ng	# 67
49) Dimethylphthalate	9.52	163	574349	22.90	ng	98
56) 2,4-Dinitrotoluene	9.79	165	40508	5.58	ng	# 15
66) 4-Bromophenyl-phenylether	10.58	248	23660	3.57	ng	# 1

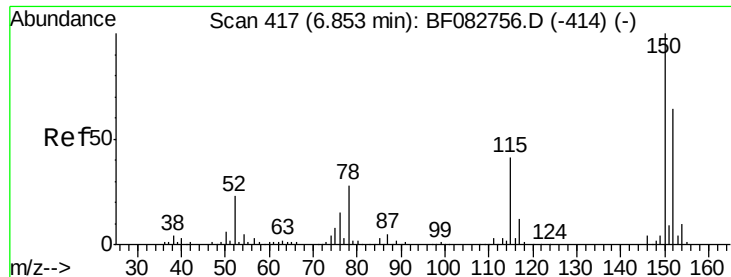
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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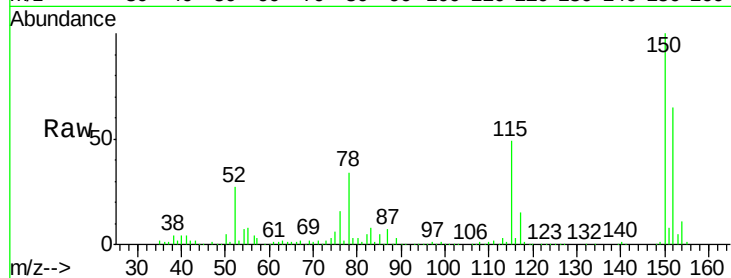


#1

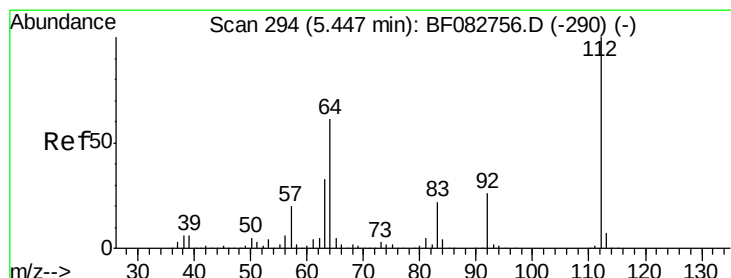
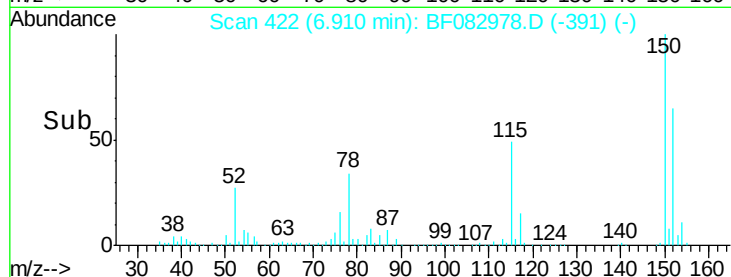
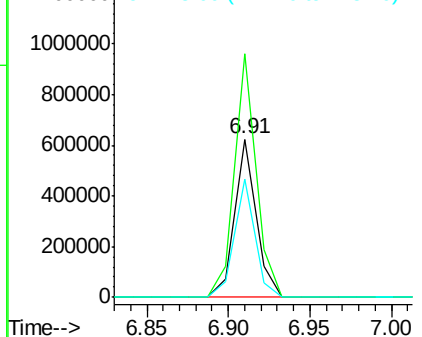
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.06 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 563507
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.4
115 74.7 47.0 70.6#



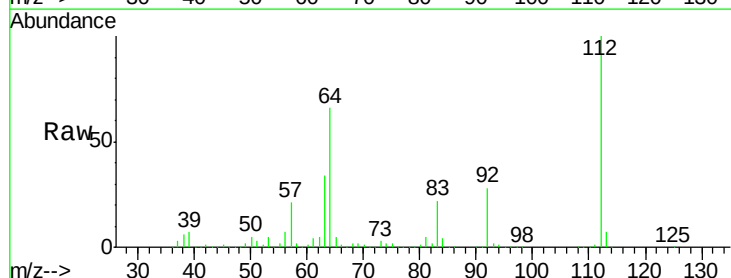
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



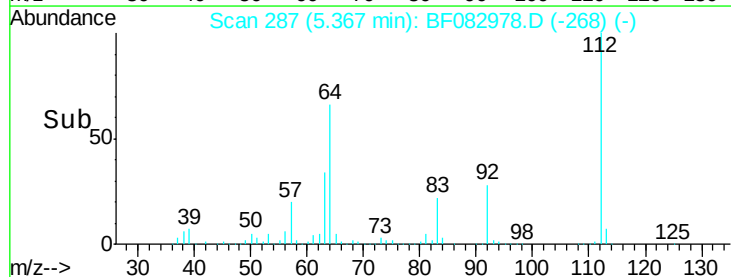
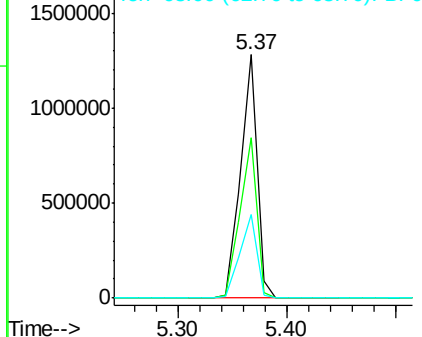
#5

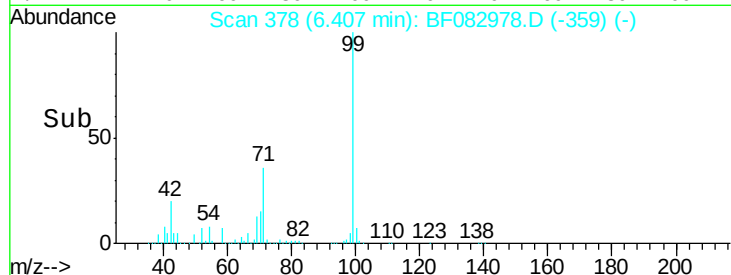
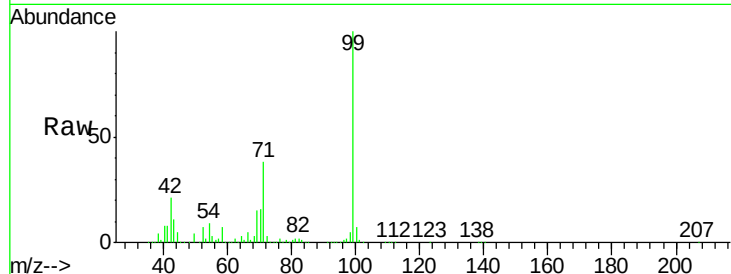
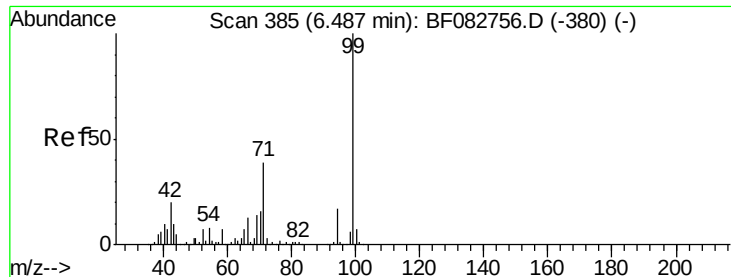
2-Fluorophenol
Concen: 36.91 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.08 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Tgt Ion:112 Resp: 1336660
Ion Ratio Lower Upper
112 100
64 66.0 48.9 73.3
63 34.1 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: 33.63 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Instrument :

BNA_F

ClientSampleId :

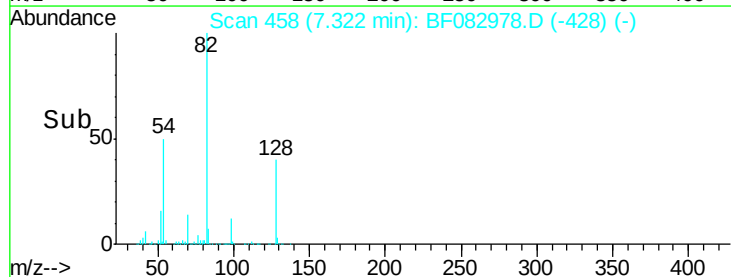
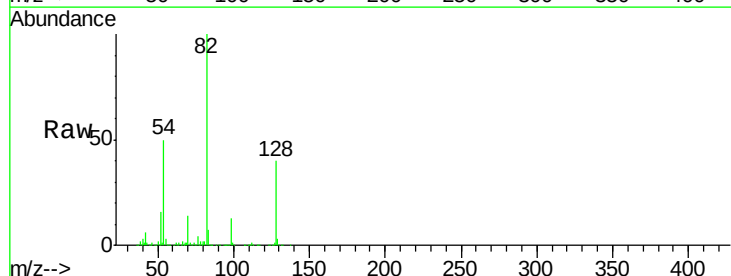
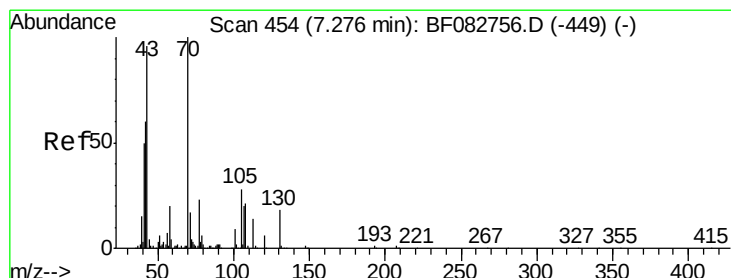
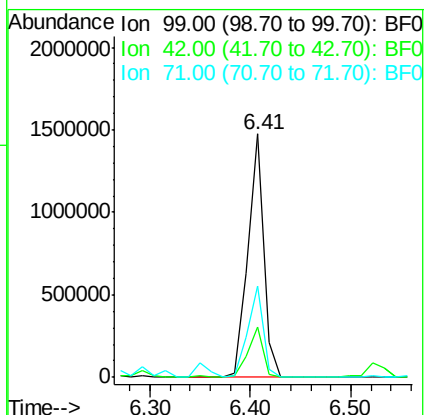
Tot Ion: 99 Resp: 1619048

Ion Ratio Lower Upper

99 100

42 20.6 19.2 28.8

71 37.6 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.39 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Tgt Ion: 70 Resp: 190747

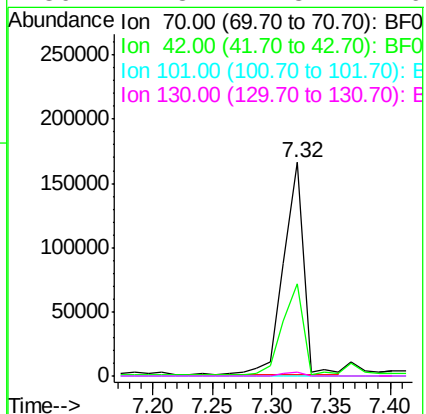
Ion Ratio Lower Upper

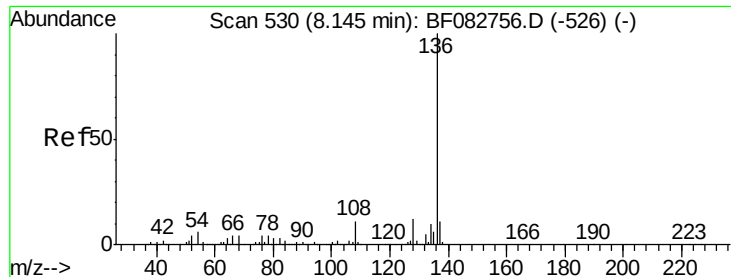
70 100

42 43.5 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

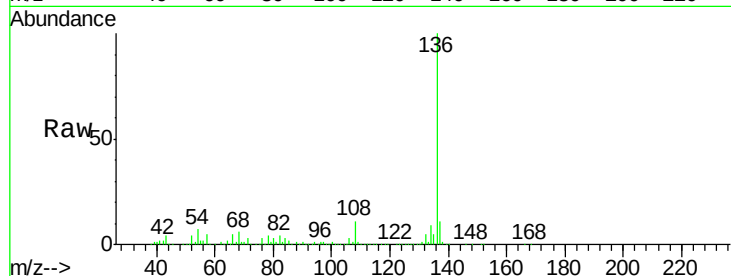




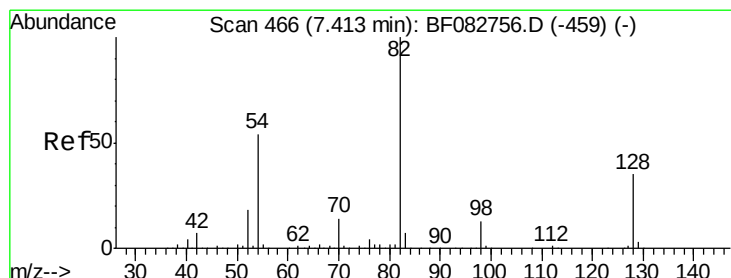
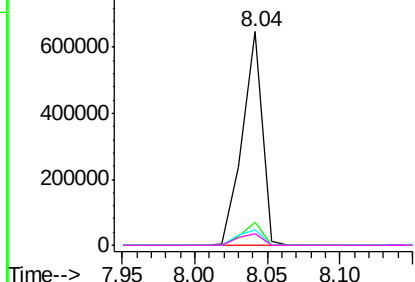
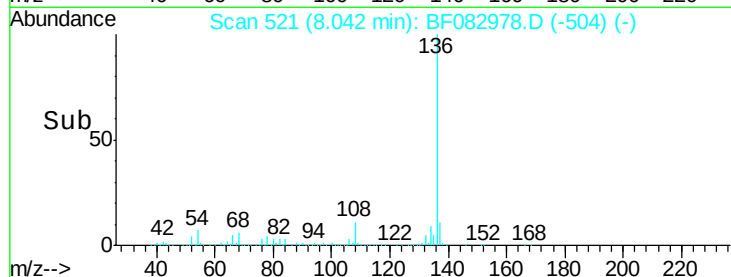
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	618463
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	7.5	9.1 13.7#
68	5.6	4.8 7.2

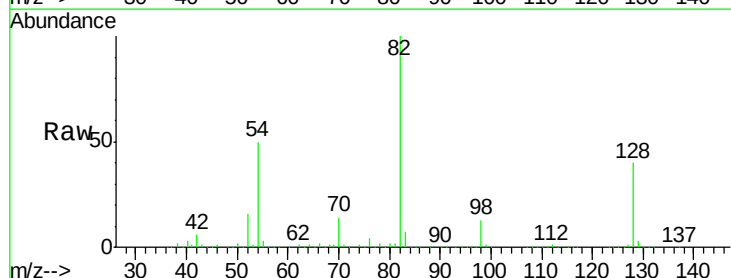


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

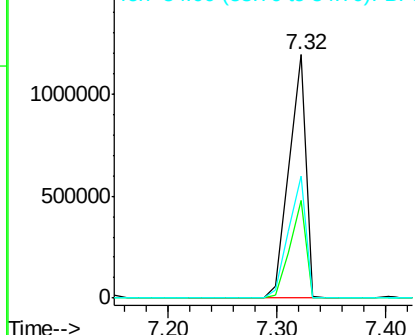
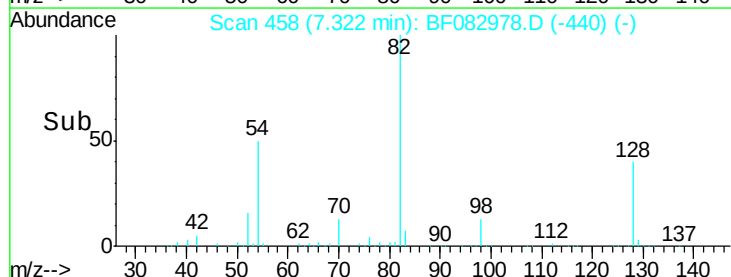


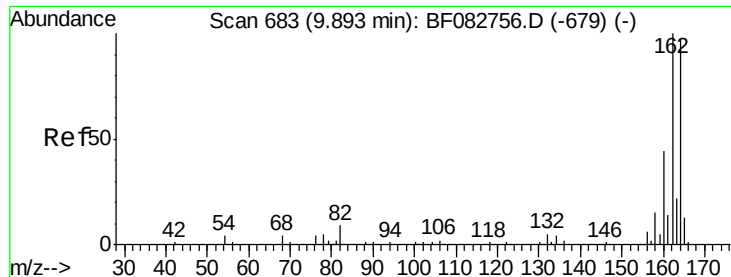
#23
Nitrobenzene-d5
Concen: 91.27 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Tgt Ion: 82	Resp:	1297325
Ion Ratio	Lower	Upper
82	100	
128	40.1	26.8 40.2
54	50.2	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

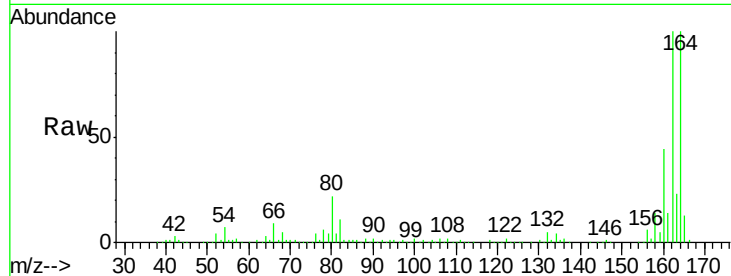




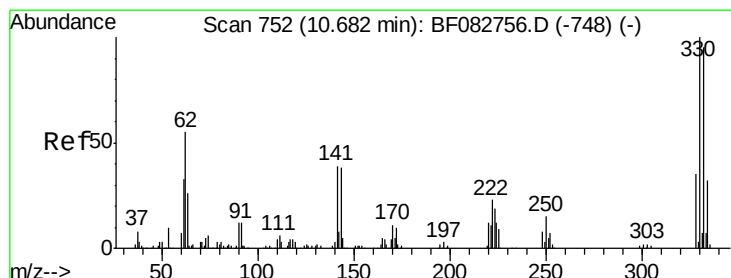
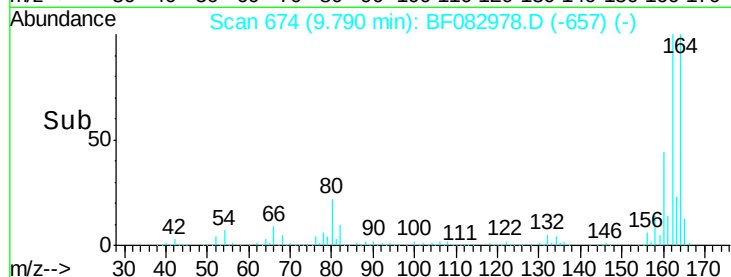
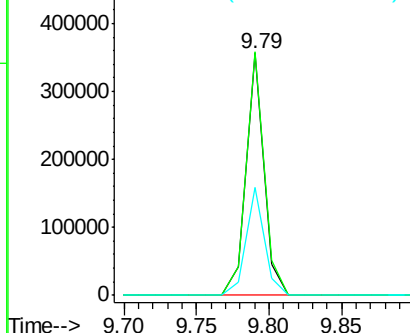
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 306089
Ion Ratio Lower Upper
164 100
162 100.5 84.9 127.3
160 44.3 37.5 56.3

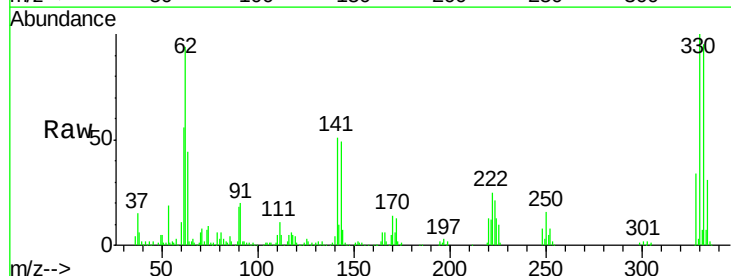


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

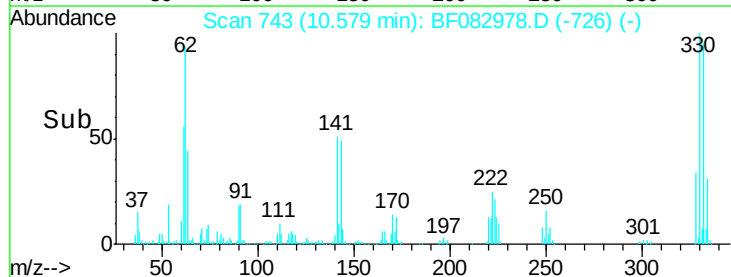
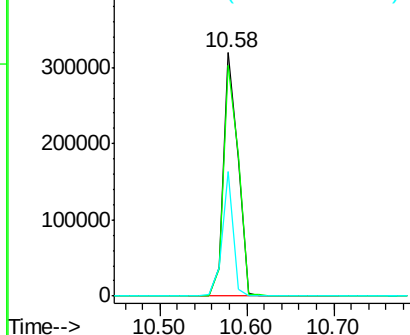


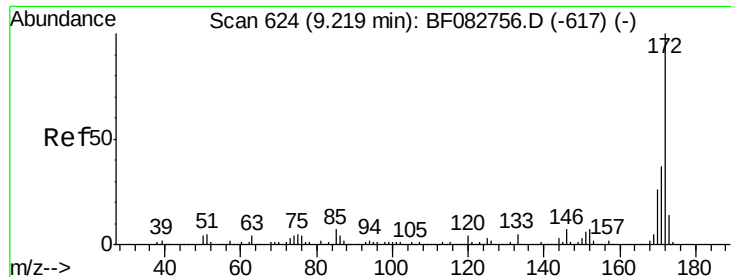
#41
2,4,6-Tribromophenol
Concen: 106.96 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Tgt Ion:330 Resp: 375379
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 38.9 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

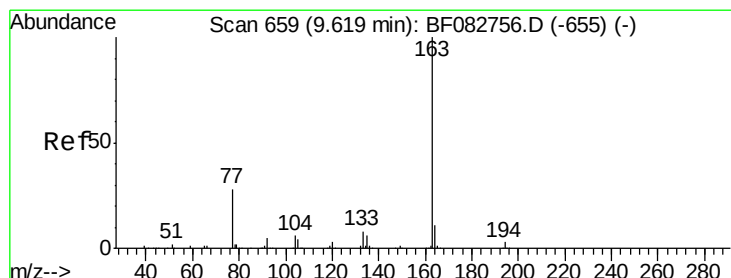
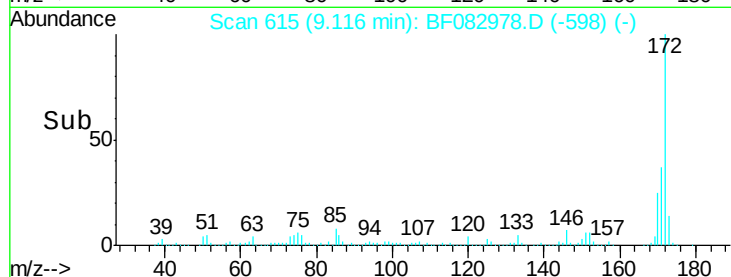
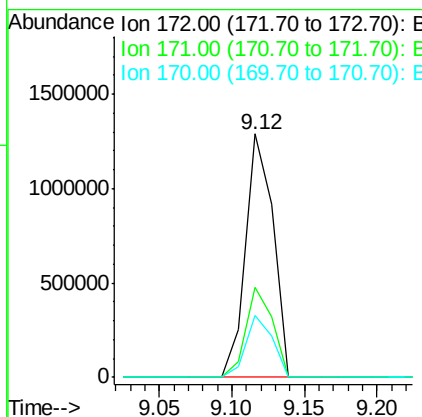
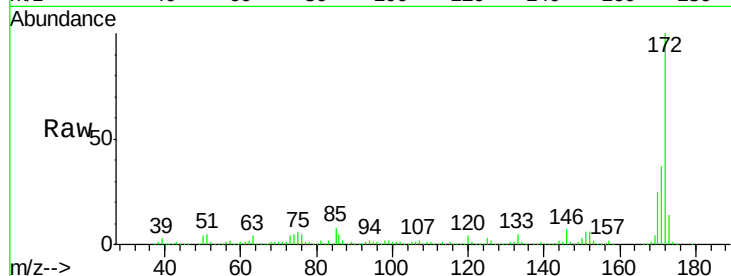




#44
2-Fluorobiphenyl
Concen: 79.34 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

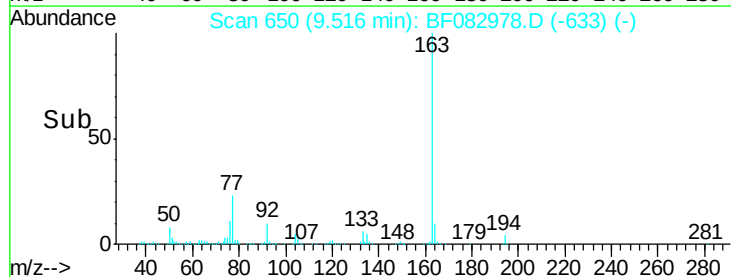
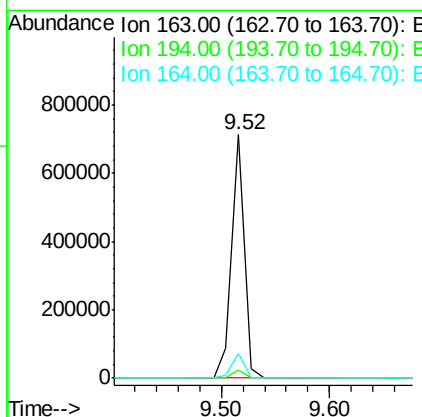
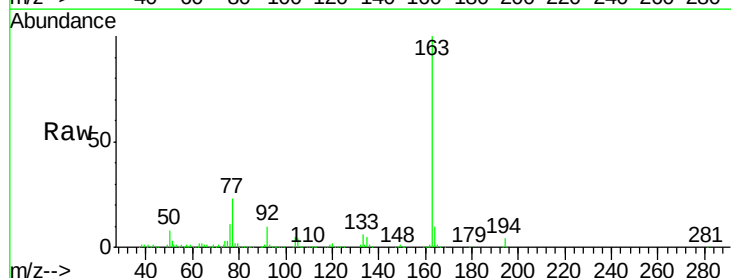
Instrument :
BNA_F
ClientSampleId :

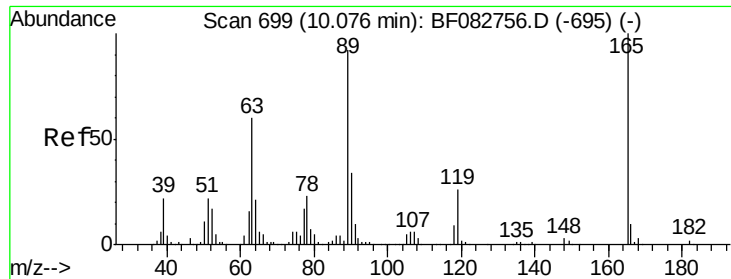
Tot Ion:172 Resp: 1694446
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 25.3 21.2 31.8



#49
Dimethylphthalate
Concen: 22.90 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Tgt Ion:163 Resp: 574349
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.7 13.1

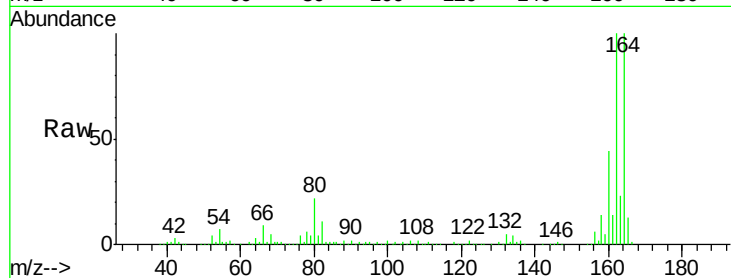




#56
 2,4-Dinitrotoluene
 Concen: 5.58 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.29 min
 Lab File: BF082978.D
 Acq: 17 Nov 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.8	70.6	106.0#
182	0.0	1.5	2.3#

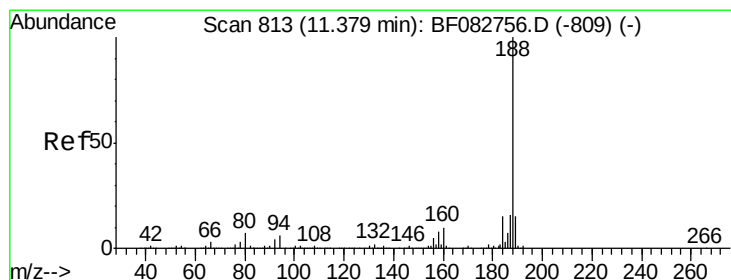
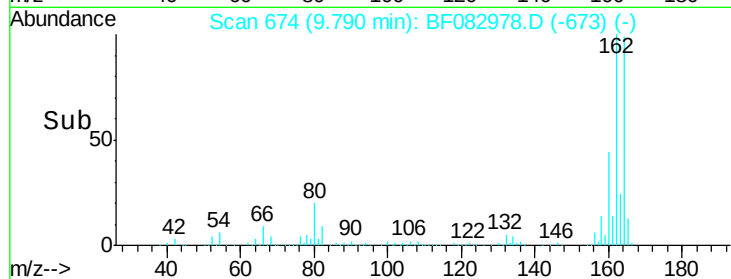
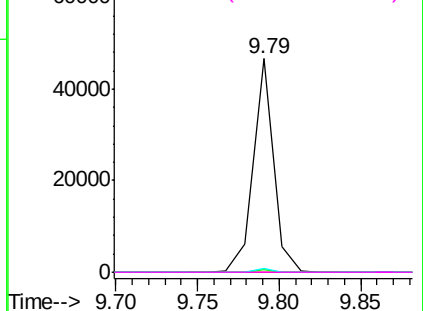


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

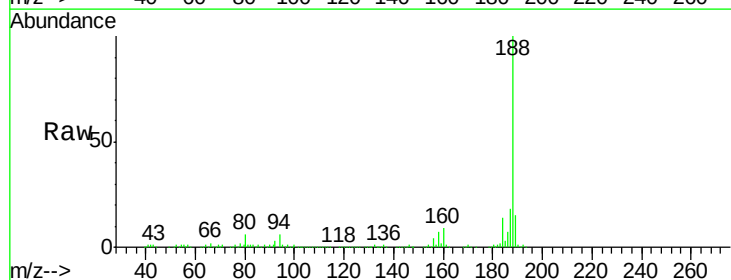
Ion 89.00 (88.70 to 89.70): BF0

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: BF082978.D
 Acq: 17 Nov 2015 21:04

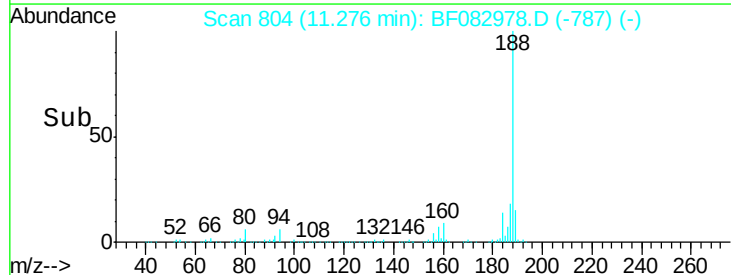
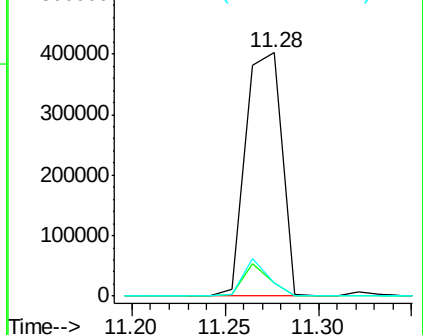
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.1	9.1#
80	5.6	7.0	10.6#

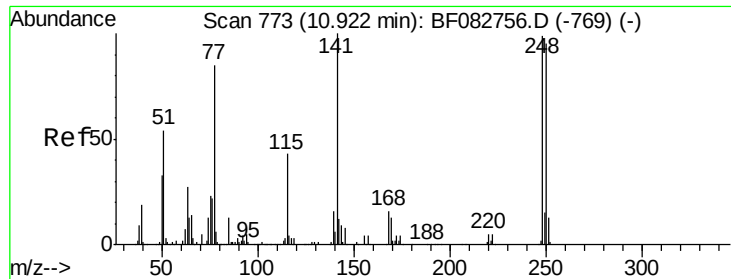


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

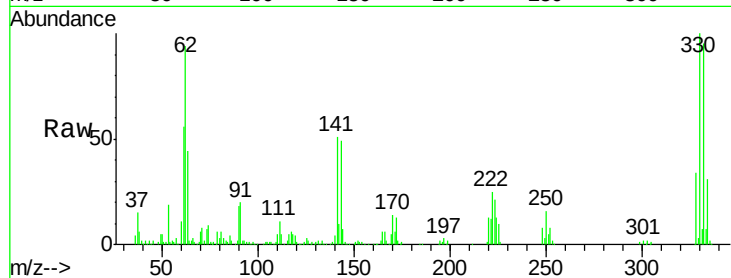




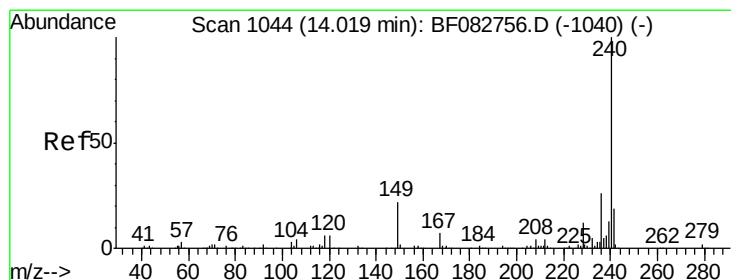
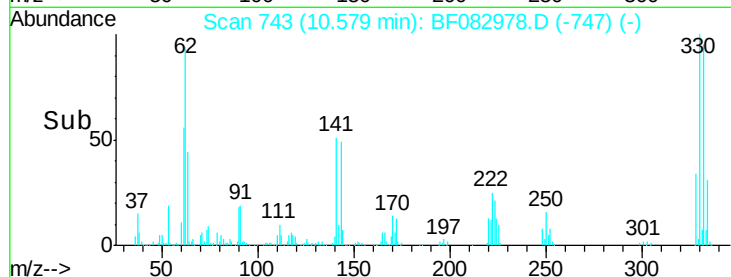
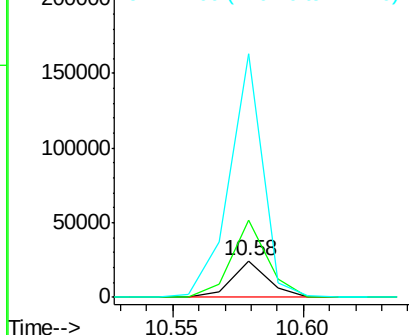
#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 23660
Ion Ratio Lower Upper
248 100
250 212.2 79.4 119.2#
141 665.4 36.3 54.5#

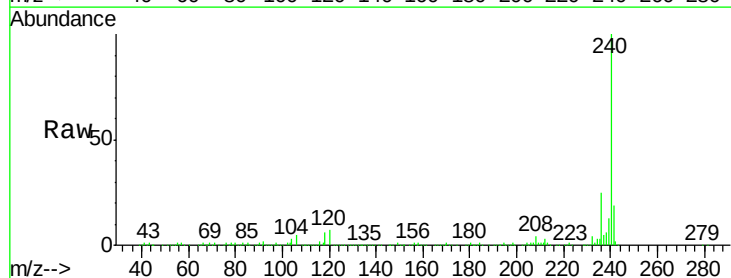


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

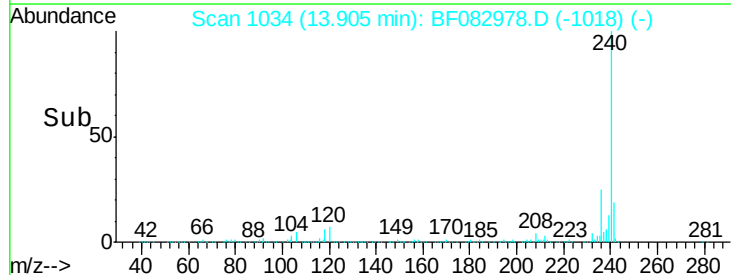
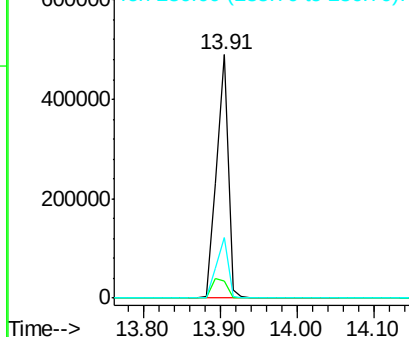


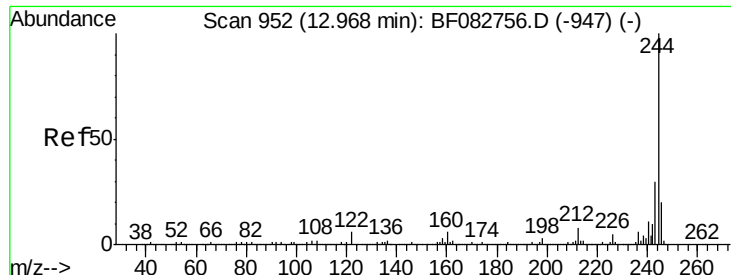
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Tgt Ion:240 Resp: 513826
Ion Ratio Lower Upper
240 100
120 7.0 10.9 16.3#
236 25.1 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



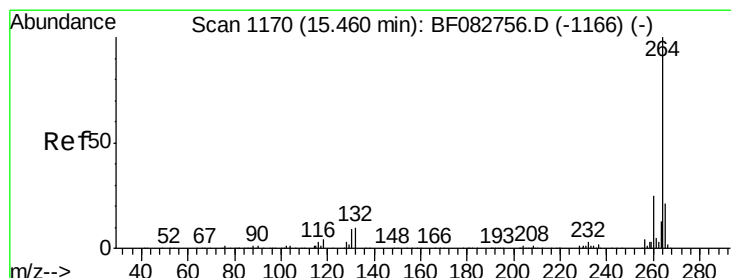
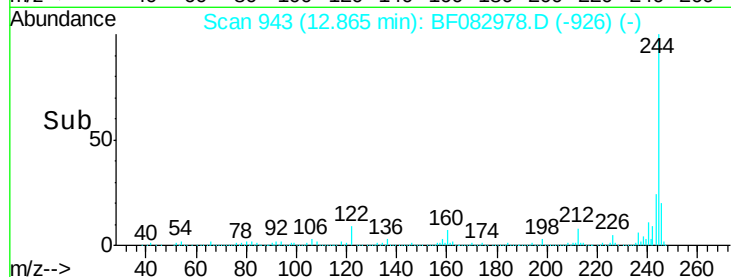
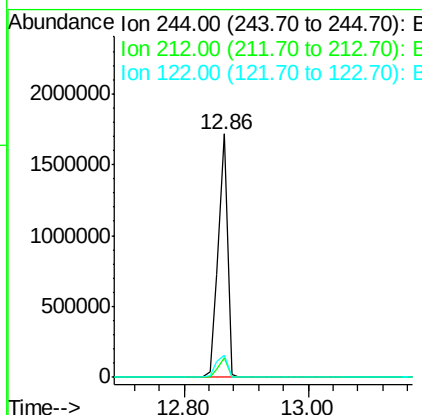
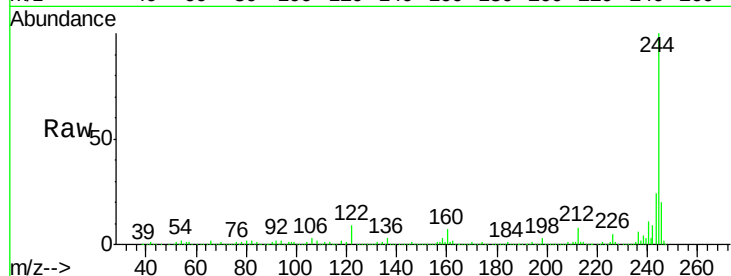


#78
 Terphenyl-d14
 Concen: 79.83 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082978.D
 Acq: 17 Nov 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1729458

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.6	11.4
122	9.2	11.3	16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082978.D
 Acq: 17 Nov 2015 21:04

Tgt Ion:264 Resp: 380957

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.4	17.4	26.0

