

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083280.D
 Acq On : 25 Nov 2015 18:24
 Operator : UM/IZ
 Sample : G4559-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Quant Time: Nov 26 01:12:49 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

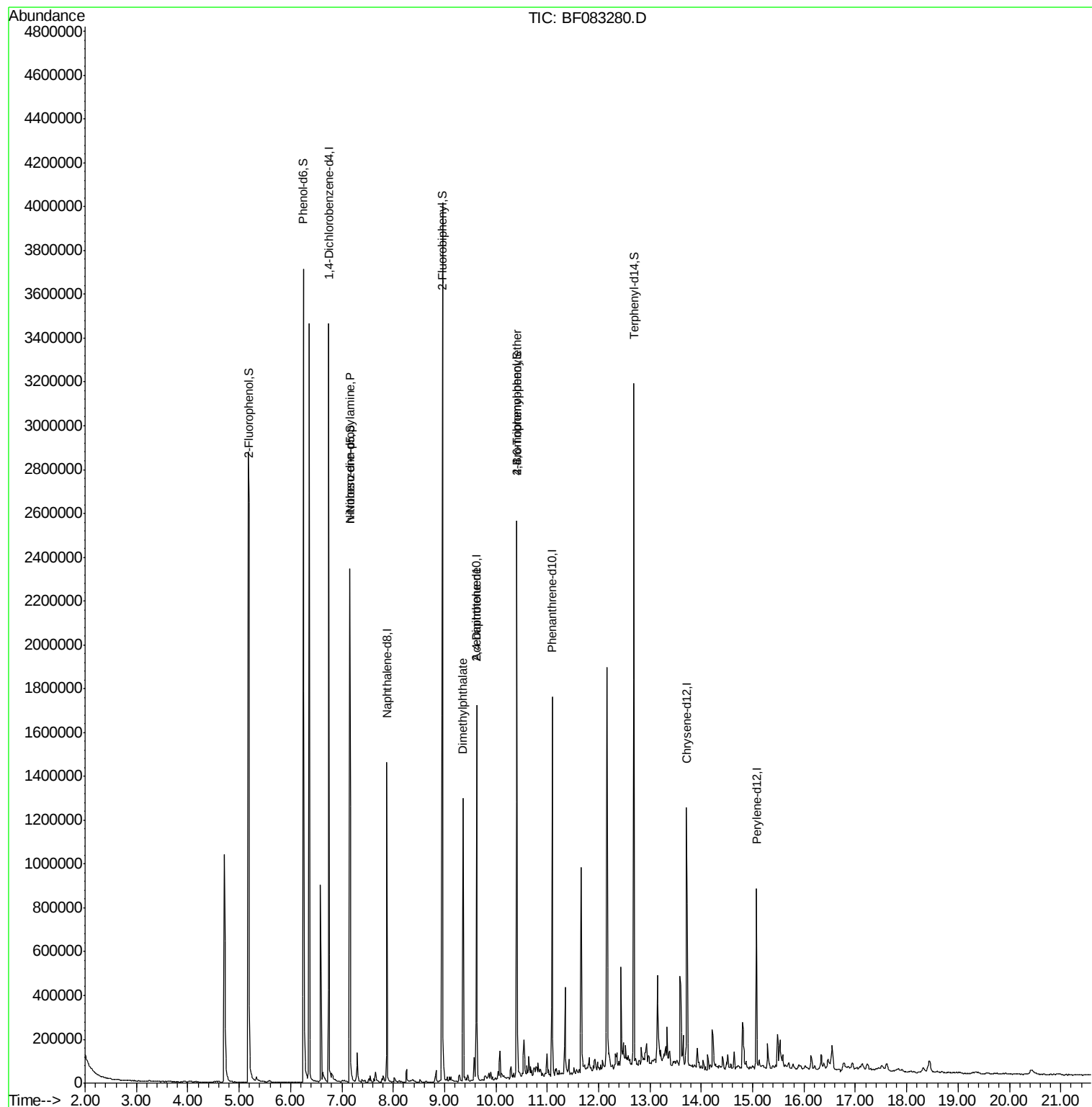
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	485457	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	624734	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	324393	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	603304	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	477894	20.00	ng	-0.09
86) Perylene-d12	15.07	264	399171	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1170978	36.47	ng	-0.09
7) Phenol-d6	6.25	99	1464018	35.24	ng	-0.09
23) Nitrobenzene-d5	7.15	82	950968	69.56	ng	-0.08
41) 2,4,6-Tribromophenol	10.41	330	313364	94.42	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1355344	58.26	ng	-0.07
78) Terphenyl-d14	12.69	244	1163352	57.32	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.25	77	2206	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.15	70	125346	4.34 ng	#	82
49) Dimethylphthalate	9.36	163	487777	19.53 ng		99
56) 2,4-Dinitrotoluene	9.62	165	43515	6.13 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	23173	3.46 ng	#	1

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

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Quant Time: Nov 26 01:12:49 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

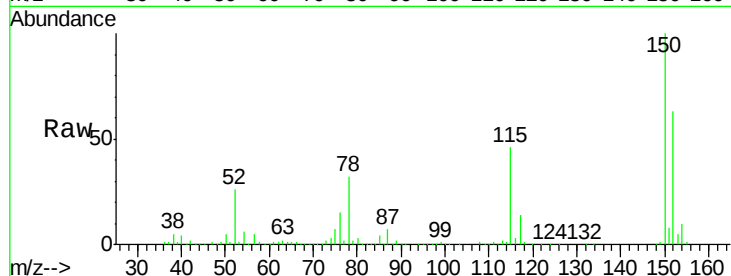




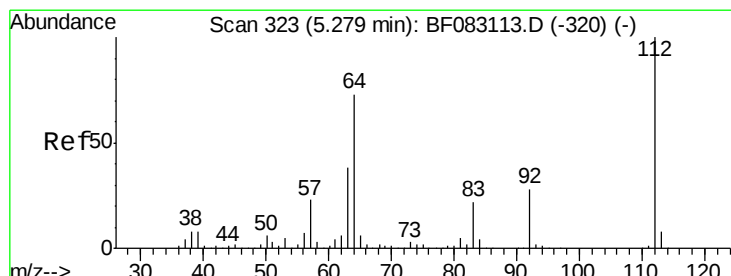
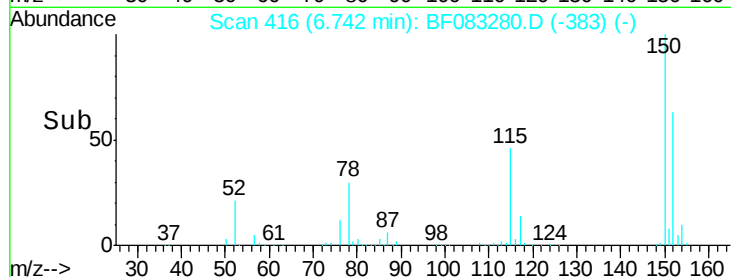
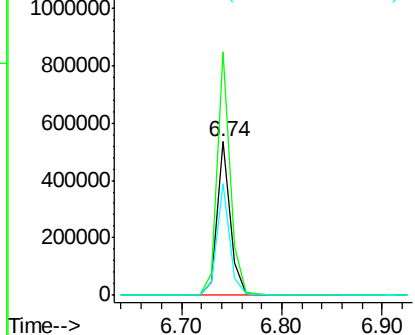
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 416
 Delta R.T. 0.08 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Tgt Ion:152 Resp: 485457
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.8 188.8
 115 72.5 46.9 70.3#

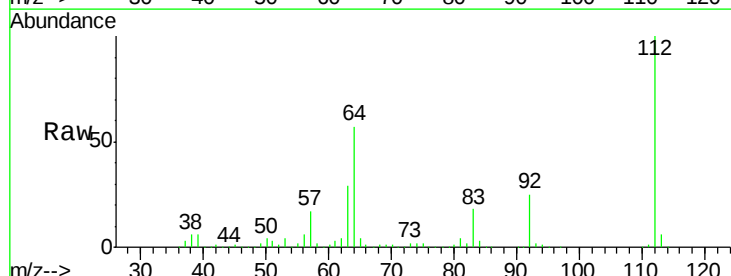


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

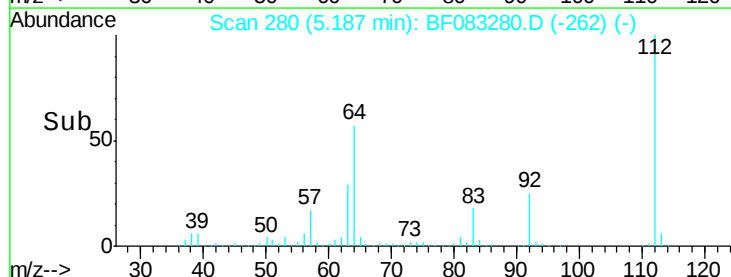
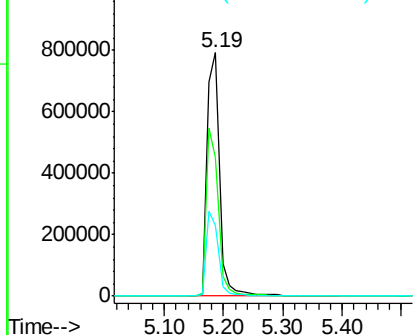


#5
 2-Fluorophenol
 Concen: 36.47 ng
 RT: 5.19 min Scan# 280
 Delta R.T. -0.09 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Tgt Ion:112 Resp: 1170978
 Ion Ratio Lower Upper
 112 100
 64 56.9 58.4 87.6#
 63 29.2 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: 35.24 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083280.D

Acq: 25 Nov 2015 18:24

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

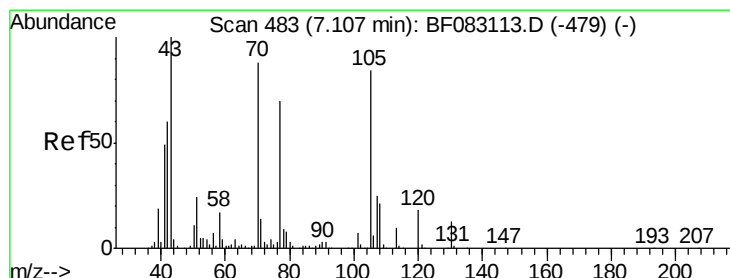
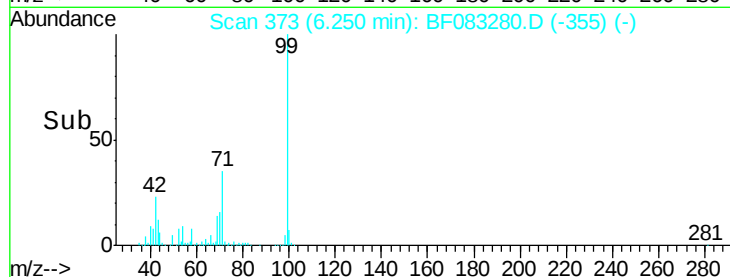
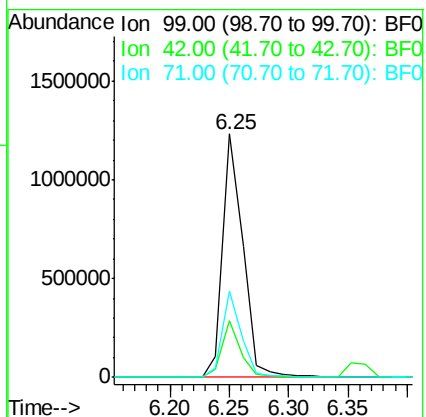
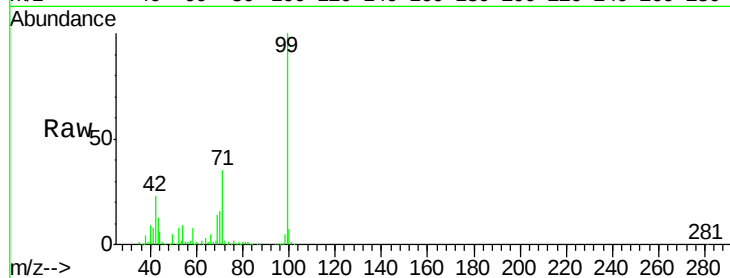
Tgt Ion: 99 Resp: 1464018

Ion Ratio Lower Upper

99 100

42 23.1 17.7 26.5

71 35.4 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.34 ng

RT: 7.15 min Scan# 452

Delta R.T. 0.05 min

Lab File: BF083280.D

Acq: 25 Nov 2015 18:24

Tgt Ion: 70 Resp: 125346

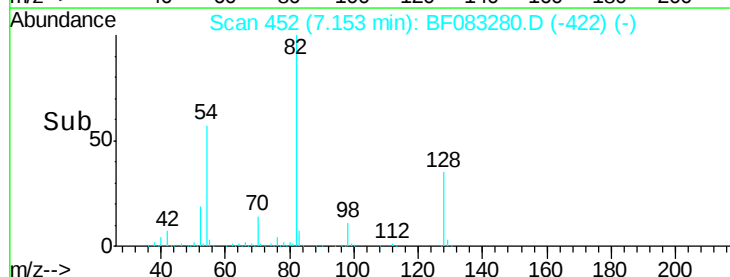
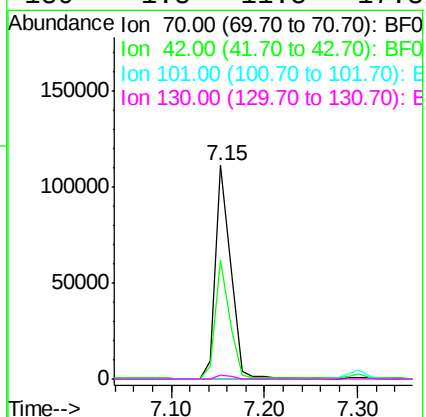
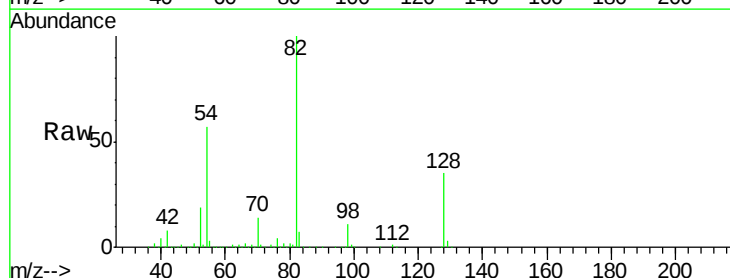
Ion Ratio Lower Upper

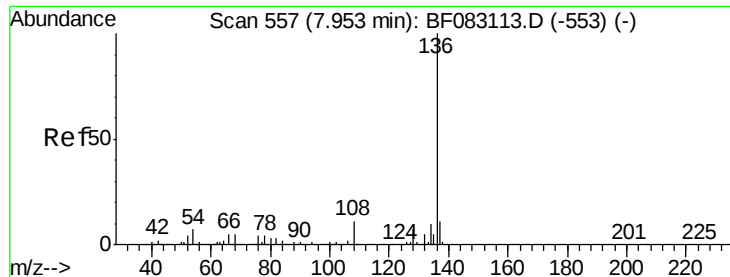
70 100

42 55.8 54.5 81.7

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

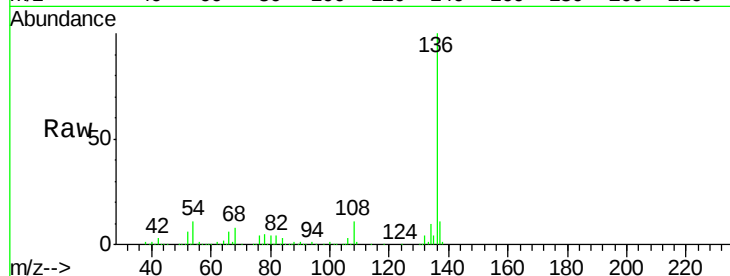




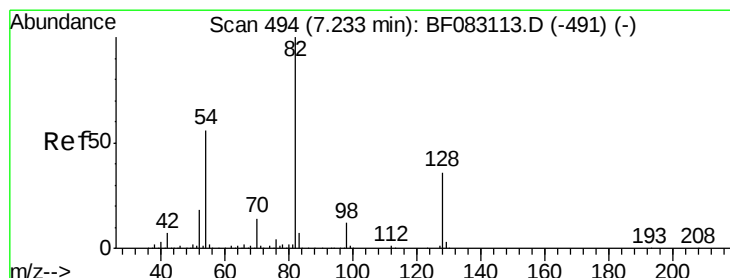
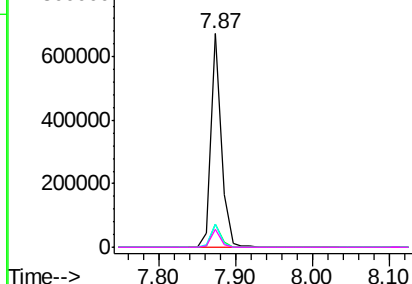
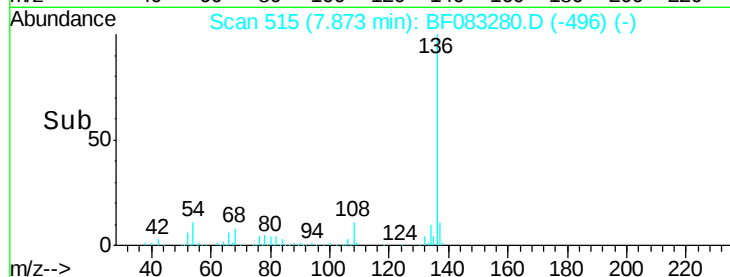
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083280.D
Acq: 25 Nov 2015 18:24

Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

Tgt Ion:	136	Resp:	624734
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.9	5.8	8.6#
68	8.2	3.8	5.8#

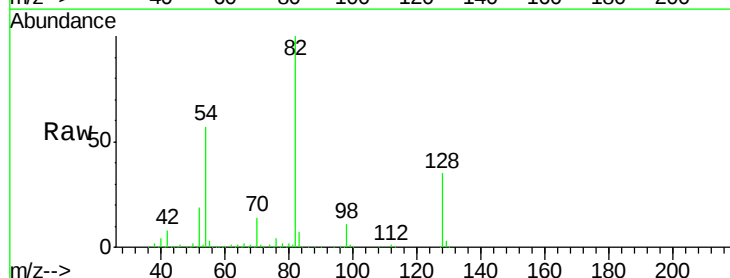


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

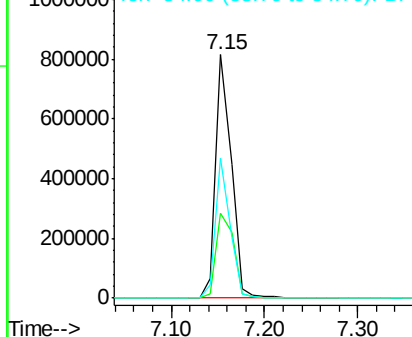
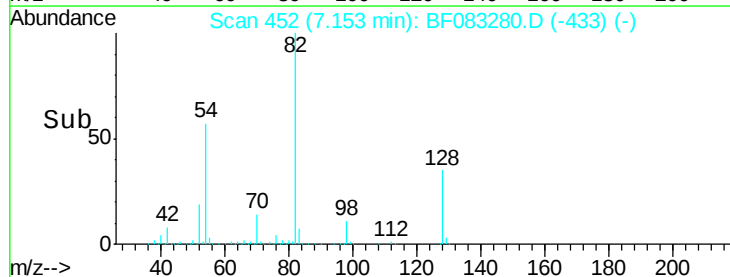


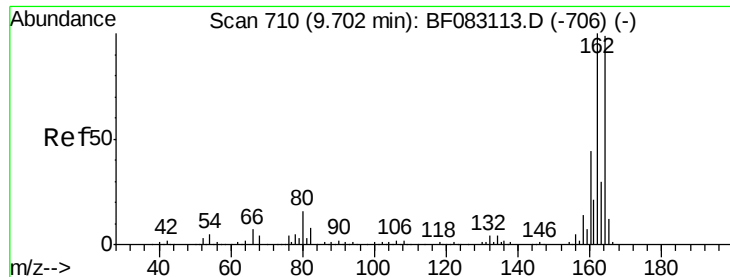
#23
Nitrobenzene-d5
Concen: 69.56 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.08 min
Lab File: BF083280.D
Acq: 25 Nov 2015 18:24

Tgt Ion:	82	Resp:	950968
Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.5	42.7
54	57.4	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

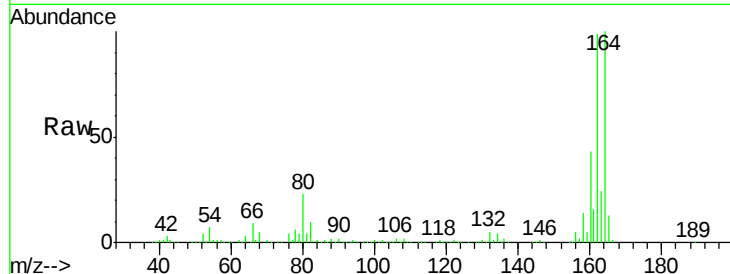




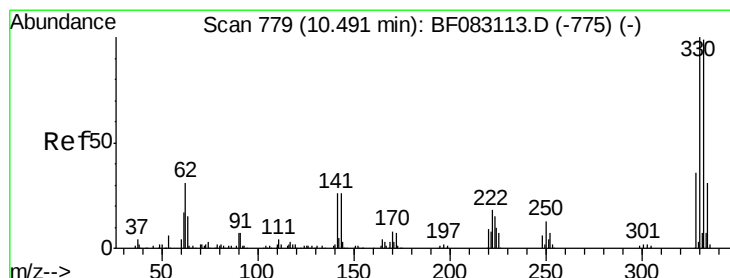
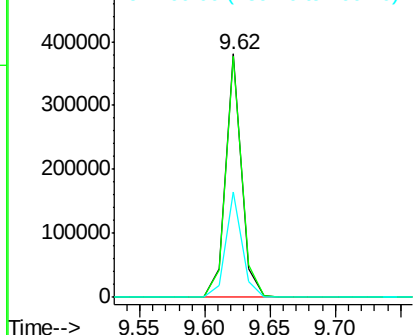
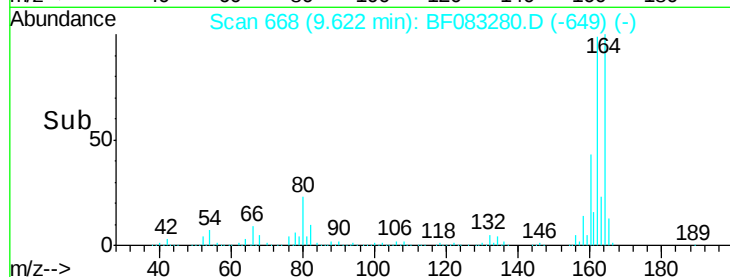
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Tgt Ion:164 Resp: 324393
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.2 121.8
 160 43.0 35.6 53.4

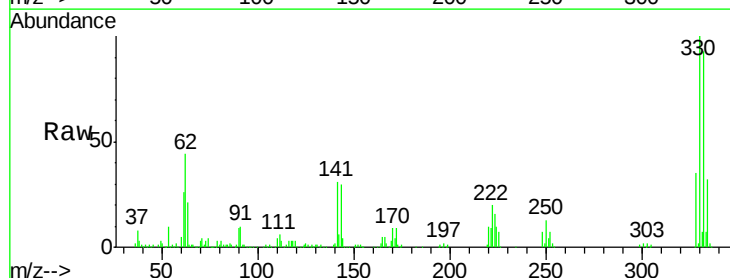


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

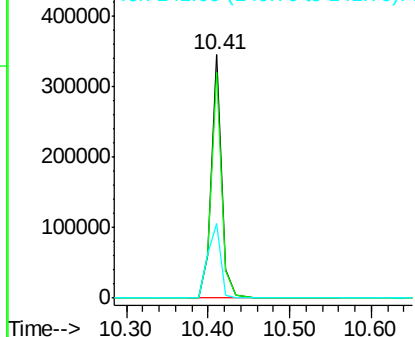
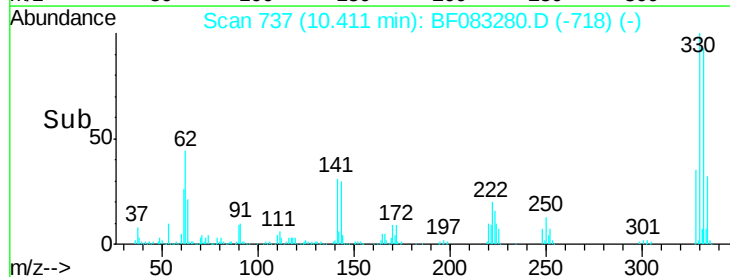


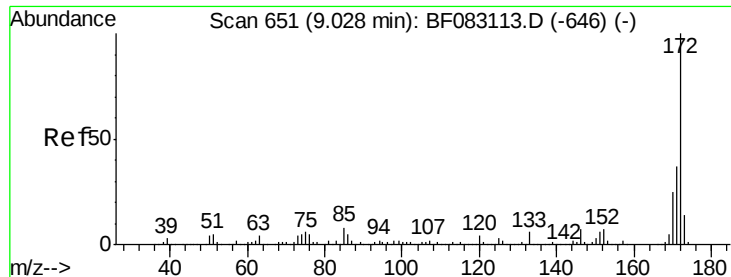
#41
 2,4,6-Tribromophenol
 Concen: 94.42 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Tgt Ion:330 Resp: 313364
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.7 116.5
 141 38.8 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

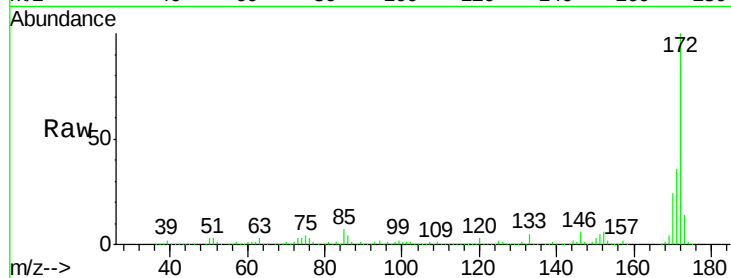




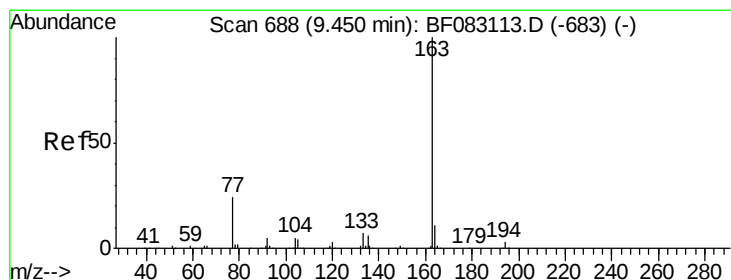
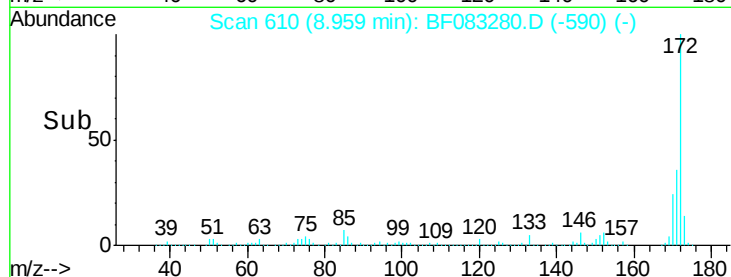
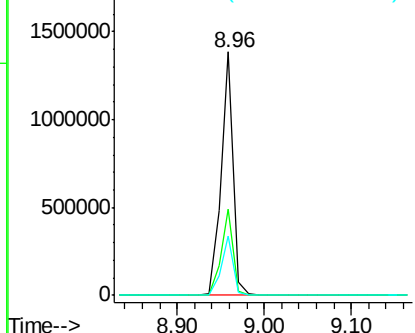
#44
 2-Fluorobiphenyl
 Concen: 58.26 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Tgt Ion:172 Resp: 1355344
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.5 44.3
 170 24.4 19.9 29.9

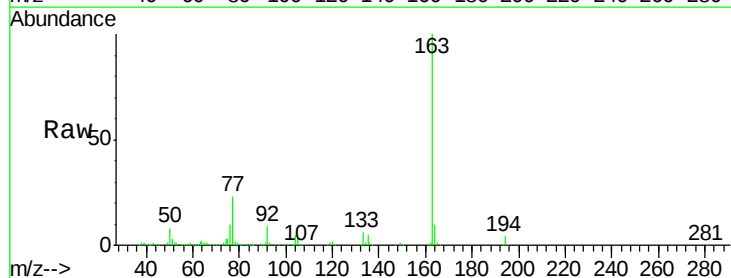


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

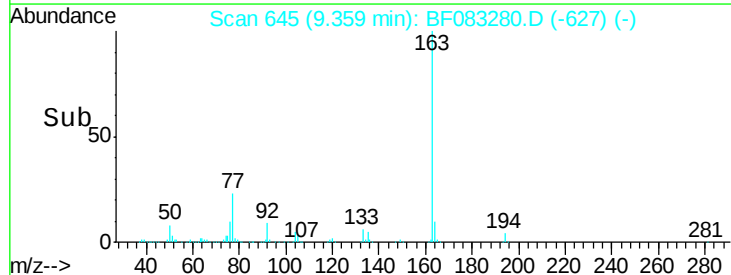
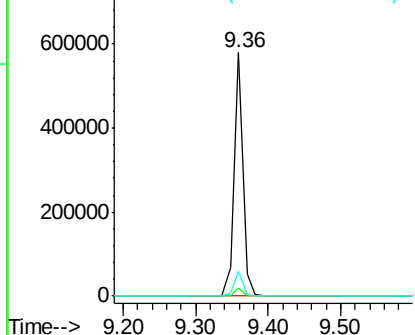


#49
 Dimethylphthalate
 Concen: 19.53 ng
 RT: 9.36 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Tgt Ion:163 Resp: 487777
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.3 8.6 12.8



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

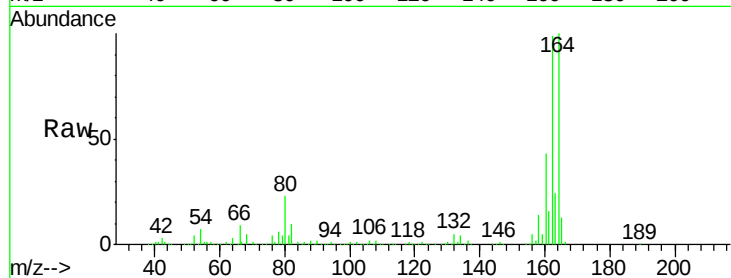




#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083280.D
Acq: 25 Nov 2015 18:24

Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	54.5	81.7#
89	1.5	77.3	115.9#
182	0.0	1.8	2.6#

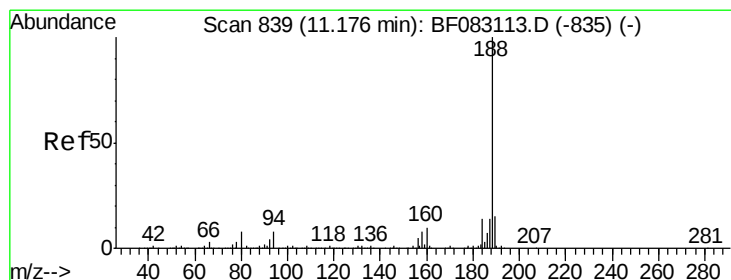
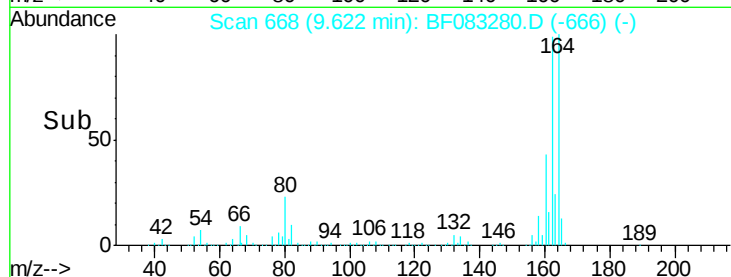
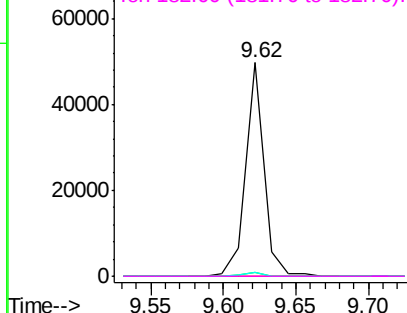


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

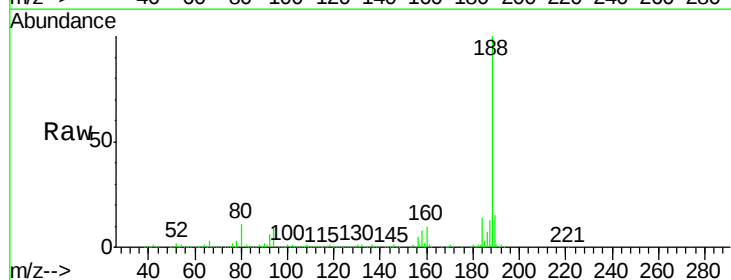
Ion 89.00 (88.70 to 89.70): BF0

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: BF083280.D
Acq: 25 Nov 2015 18:24

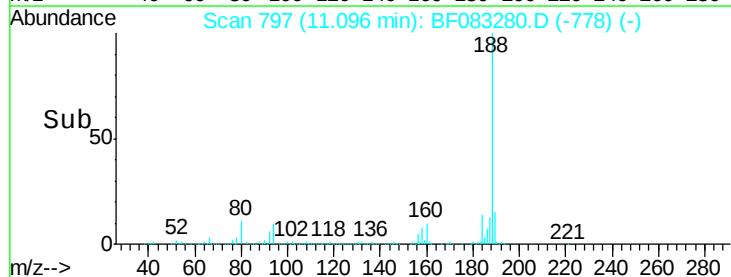
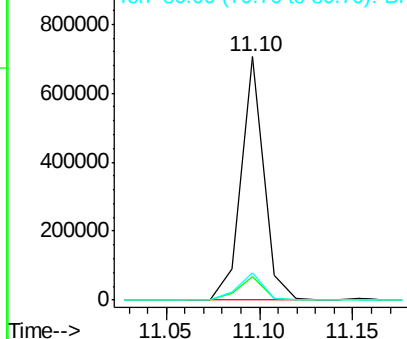
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.0	9.0#
80	11.0	6.7	10.1#

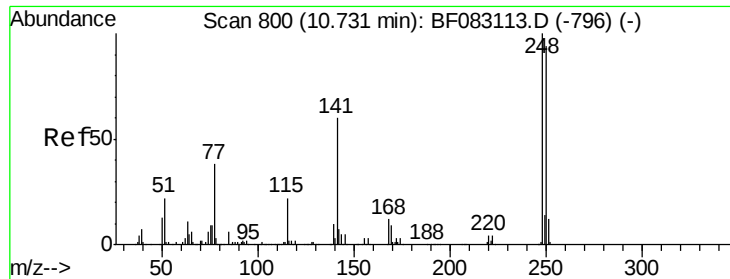


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

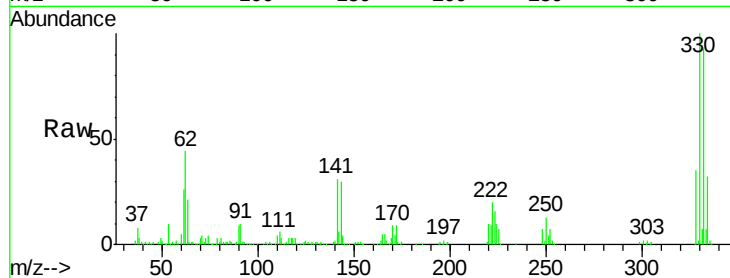




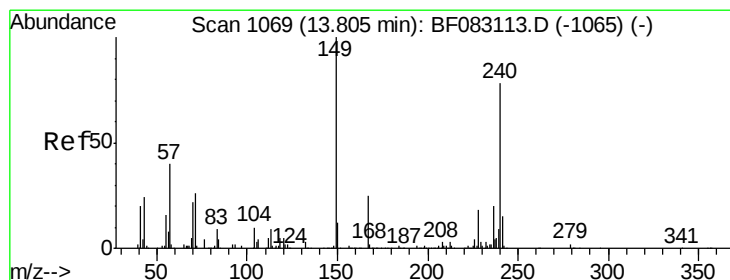
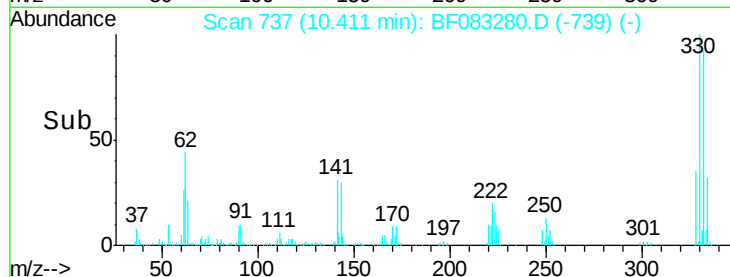
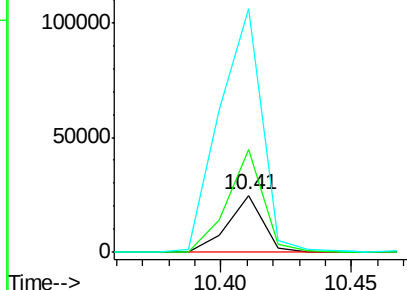
#66
 4-Bromophenyl-phenylether
 Concen: 3.46 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Tgt Ion:248 Resp: 23173
 Ion Ratio Lower Upper
 248 100
 250 180.5 75.4 113.2#
 141 428.3 48.1 72.1#

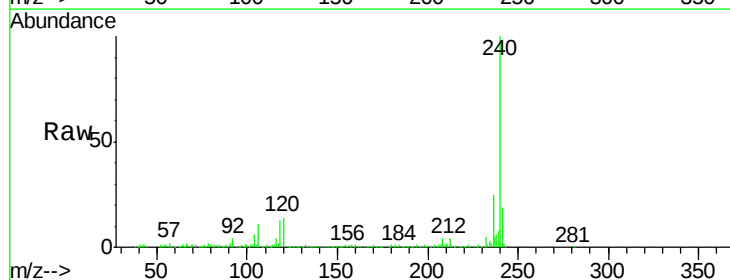


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

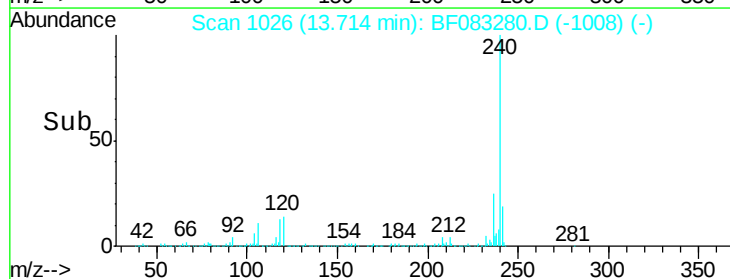
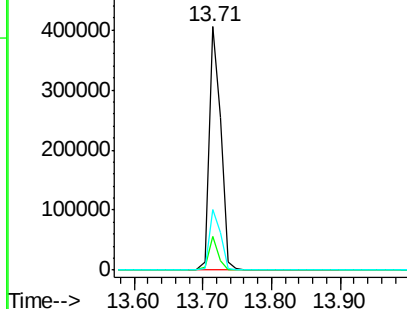


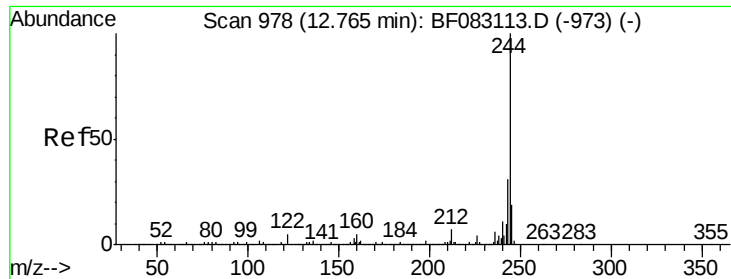
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. -0.09 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Tgt Ion:240 Resp: 477894
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.4 8.2#
 236 25.0 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

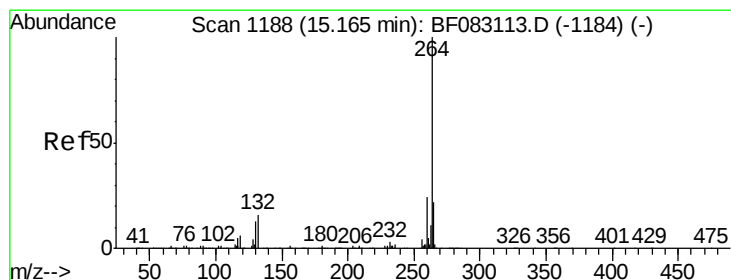
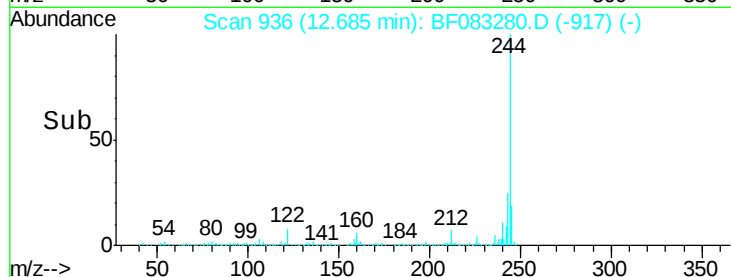
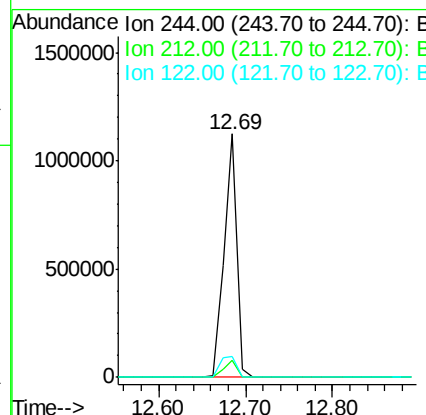
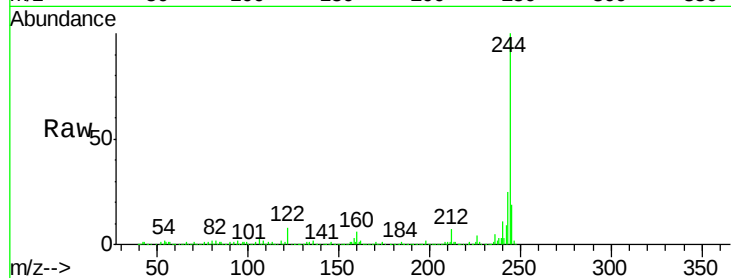




#78
 Terphenyl-d14
 Concen: 57.32 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Tgt Ion:244 Resp: 1163352
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.3 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083280.D
 Acq: 25 Nov 2015 18:24

Tgt Ion:264 Resp: 399171
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.8 18.2 27.4

