

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083379.D
 Acq On : 1 Dec 2015 18:25
 Operator : UM/IZ
 Sample : G4561-26
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB45(15-15.5)

Quant Time: Dec 02 03:13:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

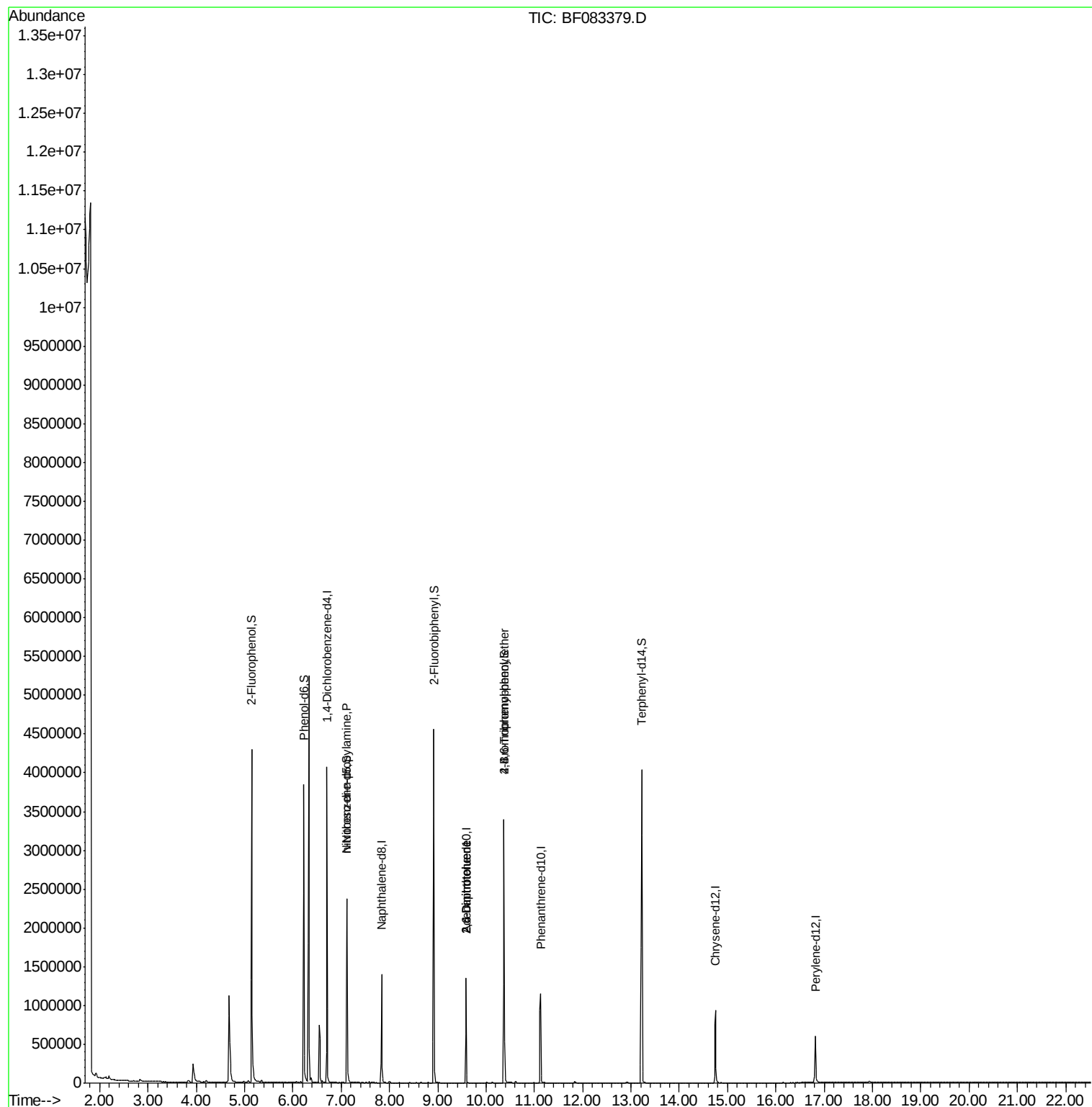
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	589784	20.00	ng	0.16
21) Naphthalene-d8	7.84	136	606728	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	312067	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	616803	20.00	ng	0.00
75) Chrysene-d12	14.75	240	524066	20.00	ng	-0.01
86) Perylene-d12	16.82	264	386068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1291359	32.86	ng	0.02
7) Phenol-d6	6.22	99	1706464	31.72	ng	0.00
23) Nitrobenzene-d5	7.12	82	1208194	87.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	393202	125.52	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1991162	90.93	ng	0.00
78) Terphenyl-d14	13.22	244	2127469	96.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.22	77	2567	Below Cal	#	30
19) n-Nitroso-di-n-propylamine	7.12	70	158748	4.13 ng	#	86
50) 2,6-Dinitrotoluene	9.58	165	39942	7.38 ng	#	18
56) 2,4-Dinitrotoluene	9.58	165	39942	5.81 ng	#	6
66) 4-Bromophenyl-phenylether	10.37	248	23115	3.43 ng	#	1

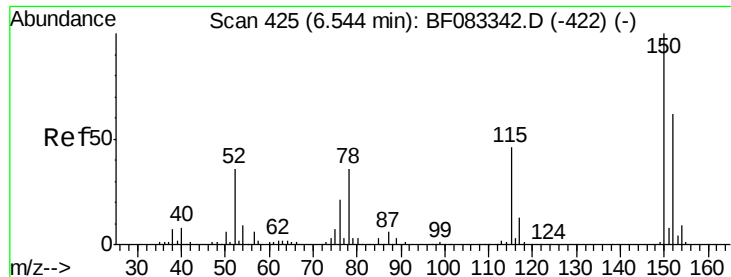
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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BNA_F
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LS-SB45(15-15.5)

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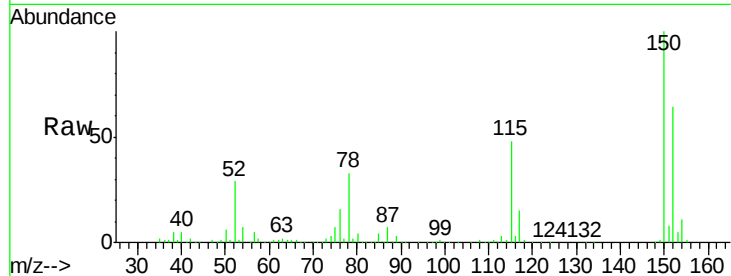


#1

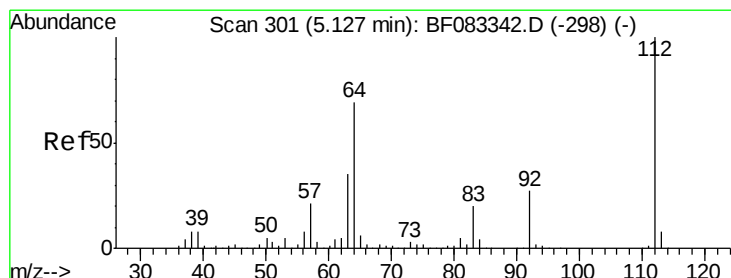
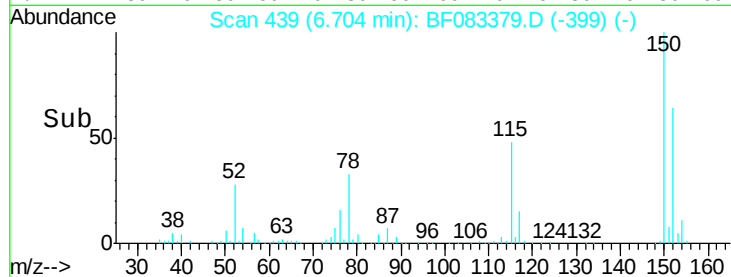
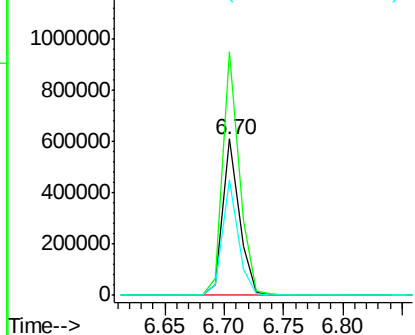
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.16 min
Lab File: BF083379.D
Acq: 1 Dec 2015 18:25

Instrument :
BNA_F
ClientSampleId :
LS-SB45(15-15.5)

Tgt Ion:152 Resp: 589784
Ion Ratio Lower Upper
152 100
150 155.8 129.8 194.8
115 74.4 59.2 88.8



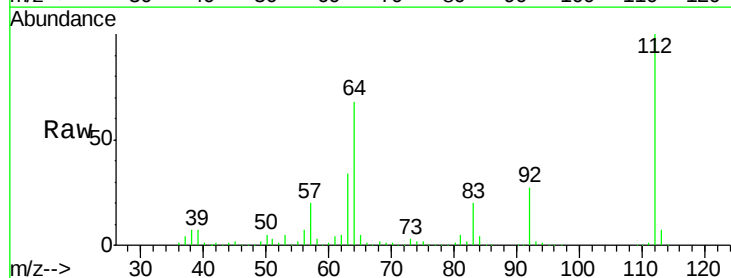
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



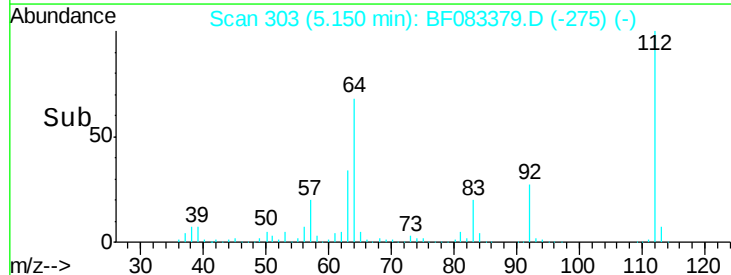
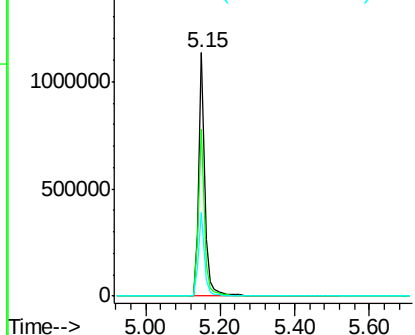
#5

2-Fluorophenol
Concen: 32.86 ng
RT: 5.15 min Scan# 303
Delta R.T. 0.02 min
Lab File: BF083379.D
Acq: 1 Dec 2015 18:25

Tgt Ion:112 Resp: 1291359
Ion Ratio Lower Upper
112 100
64 68.3 55.6 83.4
63 34.5 28.2 42.2



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: 31.72 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

Instrument :

BNA_F

ClientSampleId :

LS-SB45(15-15.5)

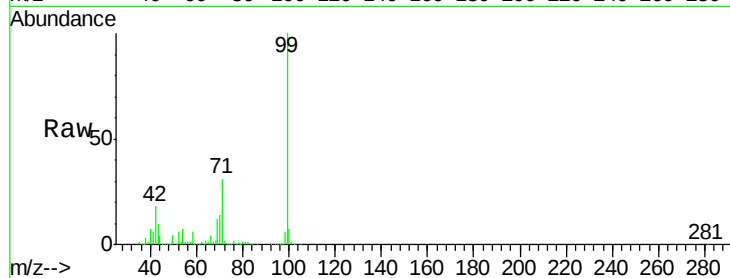
Tgt Ion: 99 Resp: 1706464

Ion Ratio Lower Upper

99 100

42 17.9 14.9 22.3

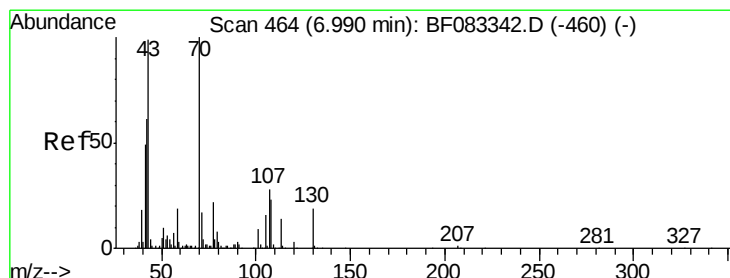
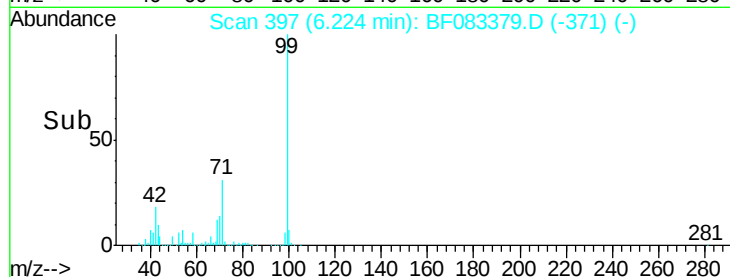
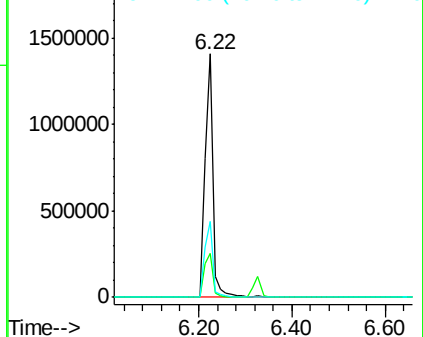
71 31.4 24.7 37.1



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: 4.13 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

Tgt Ion: 70 Resp: 158748

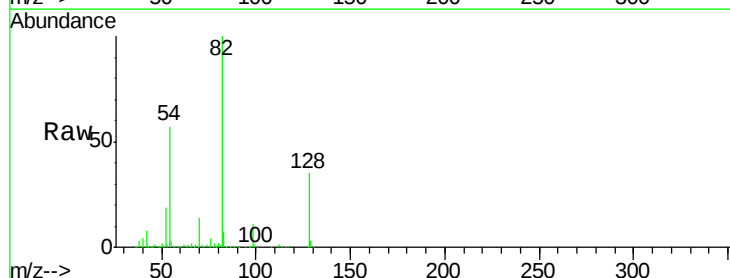
Ion Ratio Lower Upper

70 100

42 57.4 48.8 73.2

101 0.0 7.1 10.7#

130 1.7 15.0 22.6#

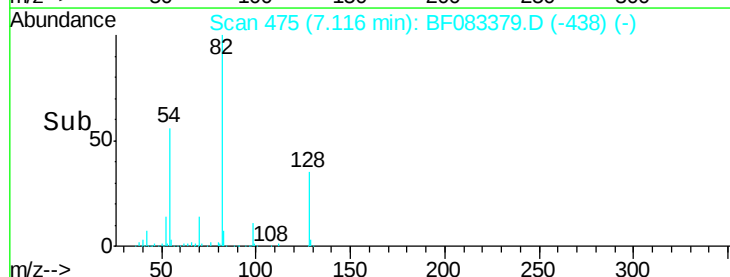
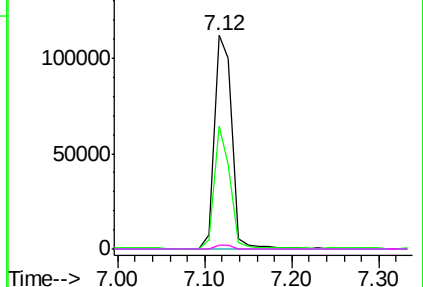


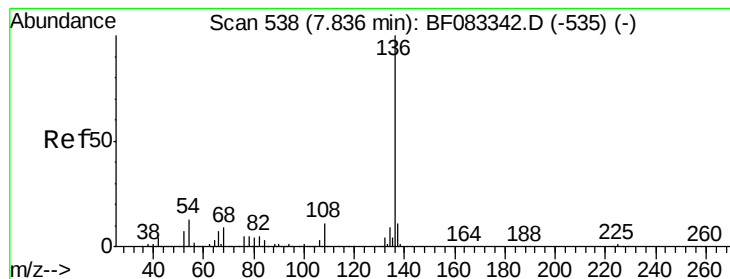
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

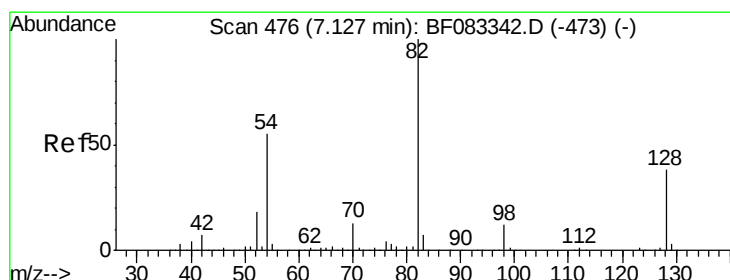
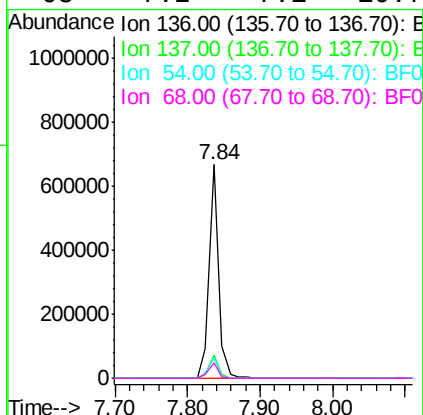
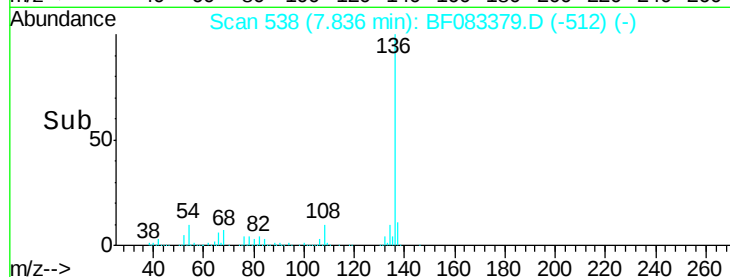
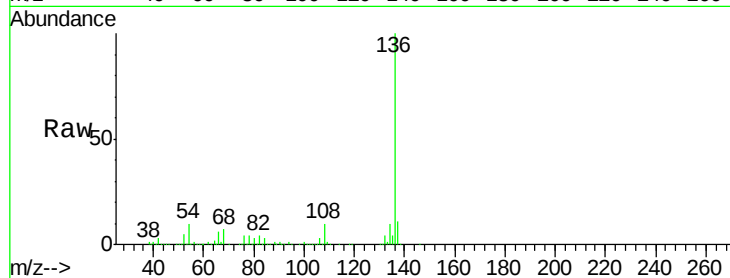
Instrument :

BNA_F

ClientSampleId :

LS-SB45(15-15.5)

Tgt Ion:	136	Resp:	606728
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.8	10.1	15.1#
68	7.2	7.1	10.7



#23

Nitrobenzene-d5

Concen: 87.54 ng

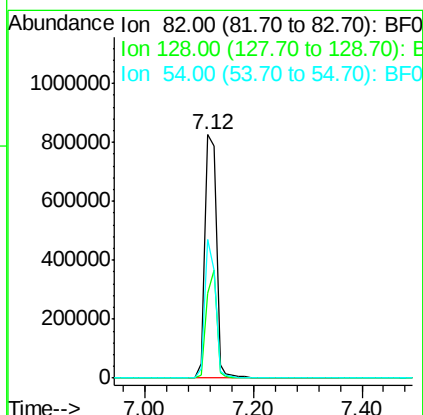
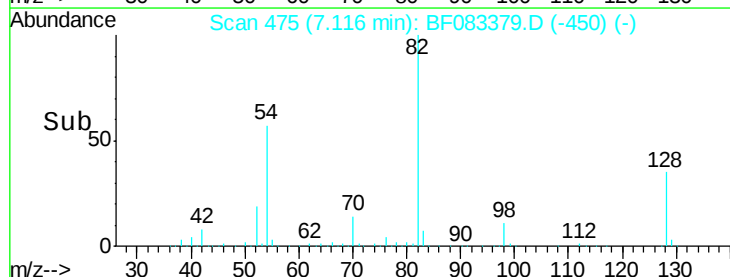
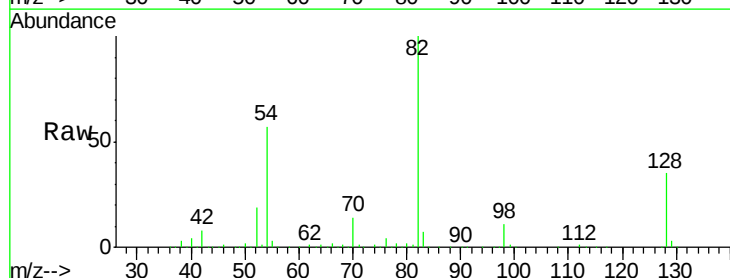
RT: 7.12 min Scan# 475

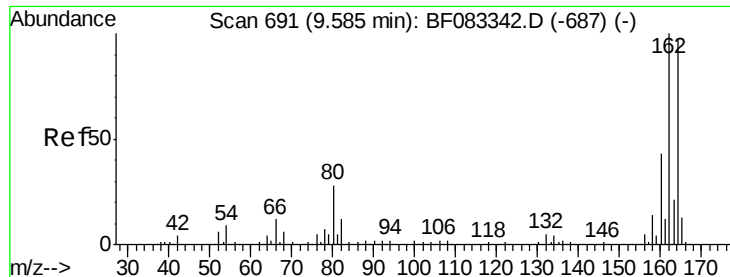
Delta R.T. -0.01 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

Tgt Ion:	82	Resp:	1208194
Ion	Ratio	Lower	Upper
82	100		
128	34.9	30.6	46.0
54	57.1	43.8	65.6

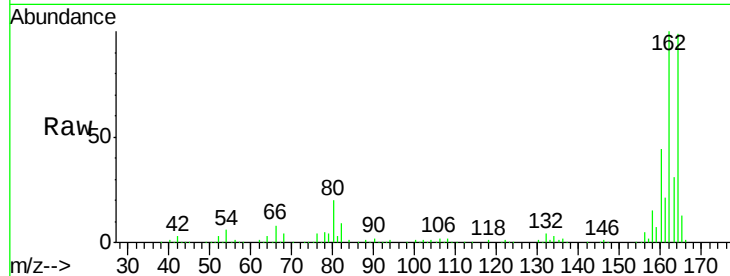




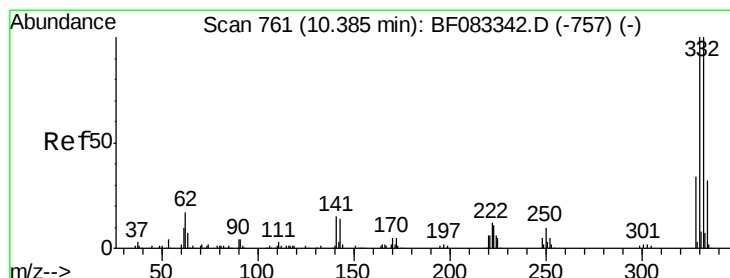
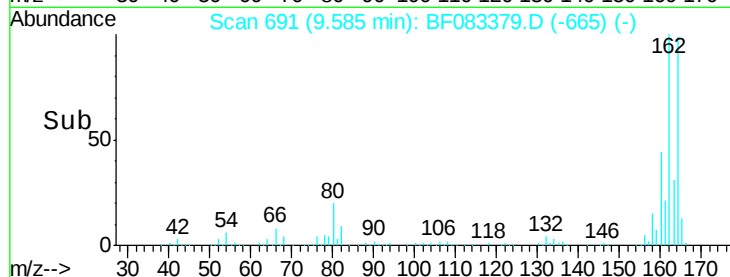
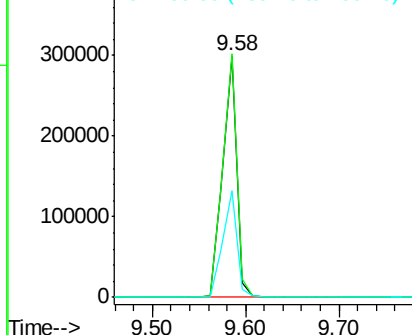
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB45(15-15.5)

Tgt Ion:164 Resp: 312067
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 44.0 35.3 52.9

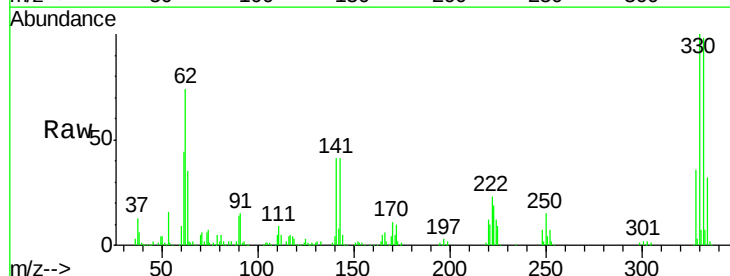


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

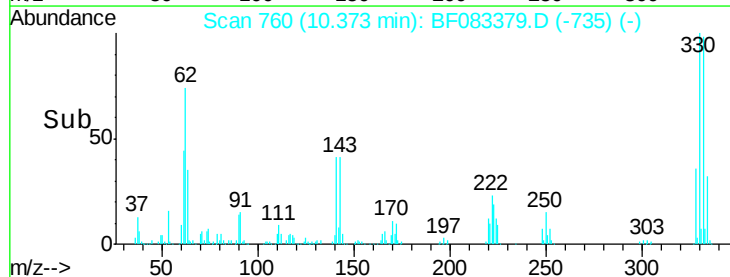
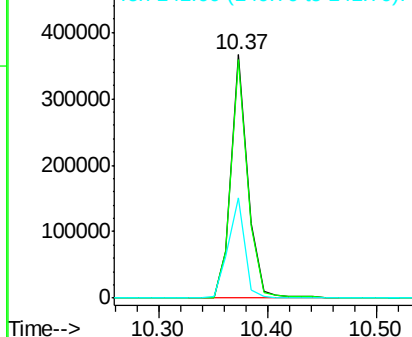


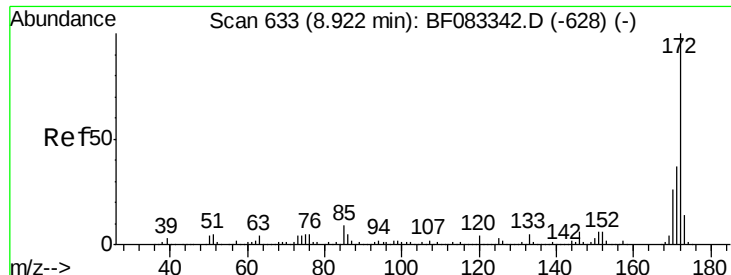
#41
 2,4,6-Tribromophenol
 Concen: 125.52 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Tgt Ion:330 Resp: 393202
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.8 116.6
 141 41.4 29.4 44.0



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

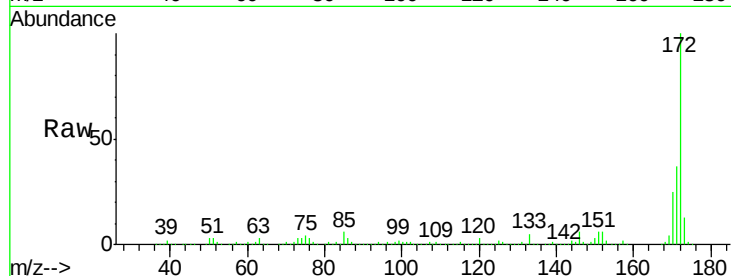




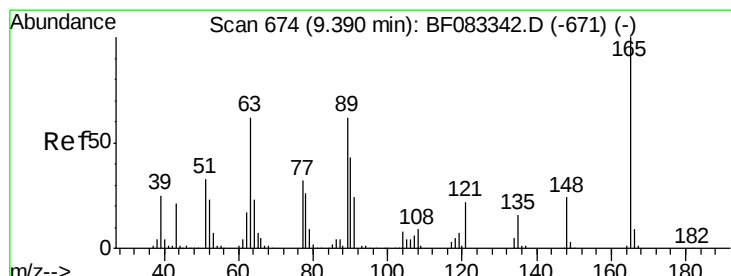
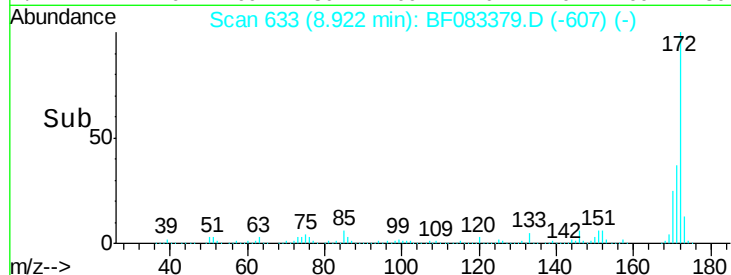
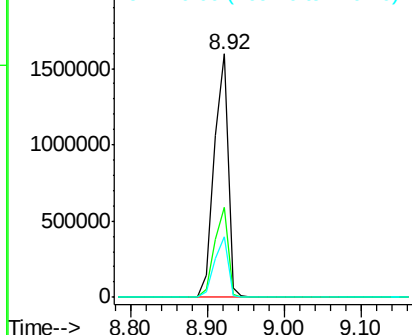
#44
 2-Fluorobiphenyl
 Concen: 90.93 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB45(15-15.5)

Tgt Ion:172 Resp: 1991162
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.7 20.4 30.6

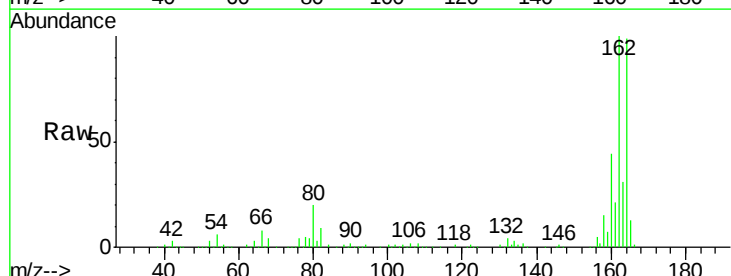


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

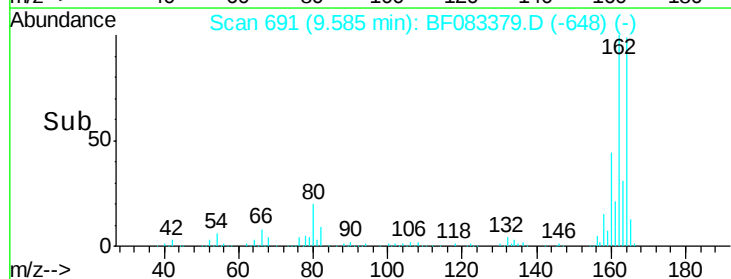
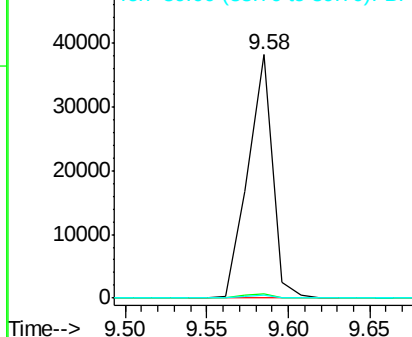


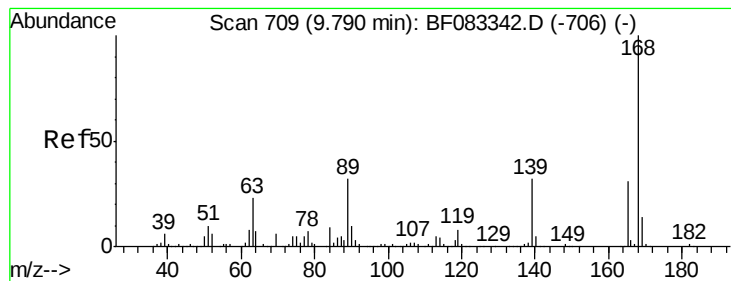
#50
 2,6-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Tgt Ion:165 Resp: 39942
 Ion Ratio Lower Upper
 165 100
 63 1.5 56.0 84.0#
 89 1.1 49.8 74.8#



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: 5.81 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.21 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

Instrument :

BNA_F

ClientSampleId :

LS-SB45(15-15.5)

Tgt Ion:165 Resp: 39942

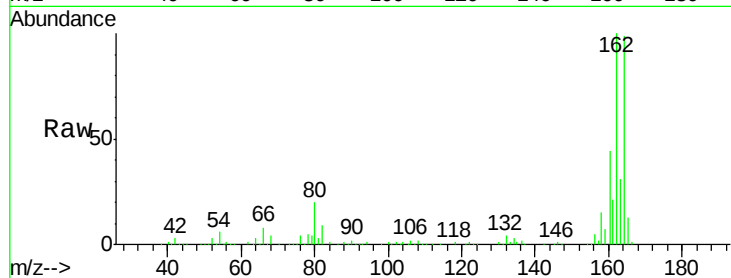
Ion Ratio Lower Upper

165 100

63 1.5 65.4 98.0#

89 1.1 81.2 121.8#

182 0.0 1.8 2.8#

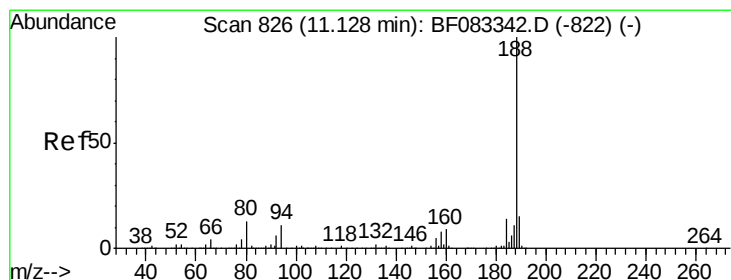
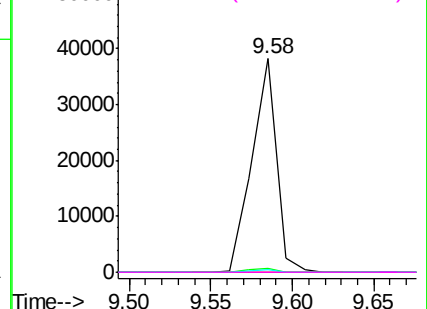
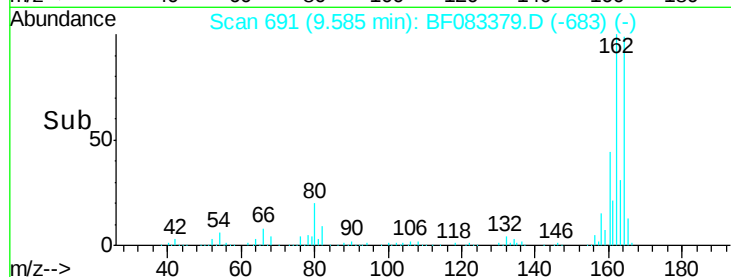


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.13 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF083379.D

Acq: 1 Dec 2015 18:25

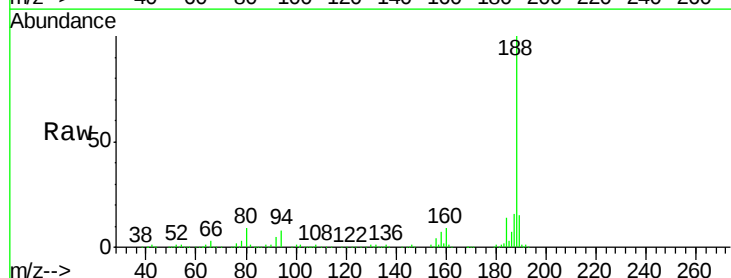
Tgt Ion:188 Resp: 616803

Ion Ratio Lower Upper

188 100

94 8.1 8.7 13.1#

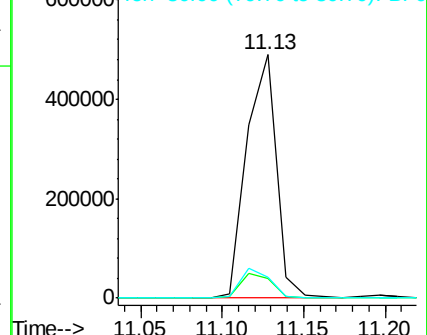
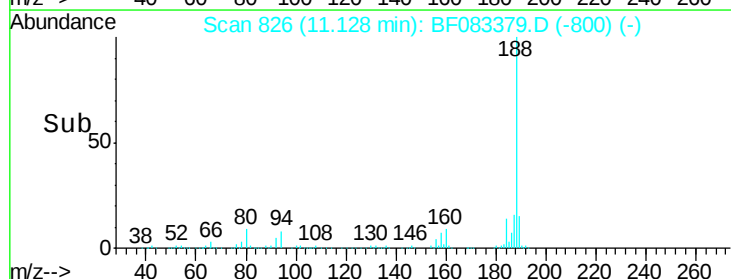
80 8.5 10.3 15.5#

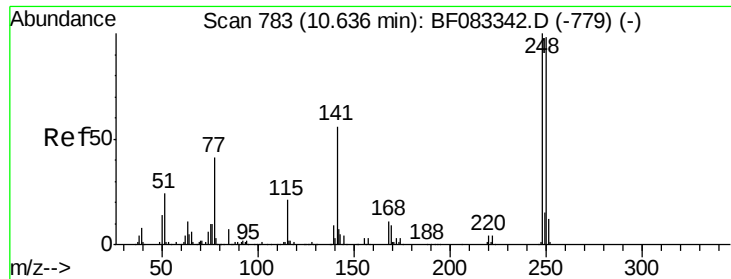


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

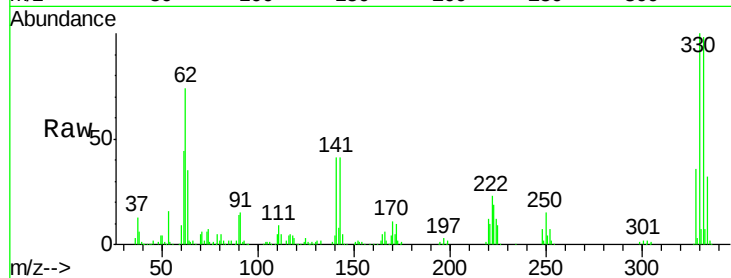




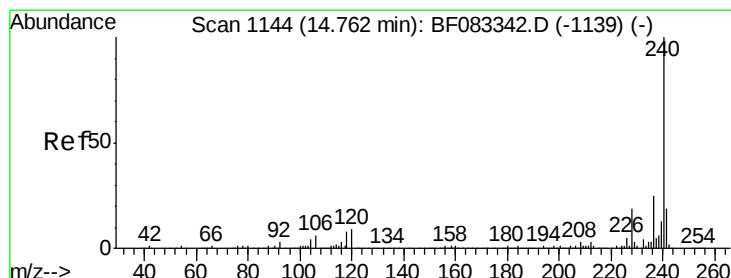
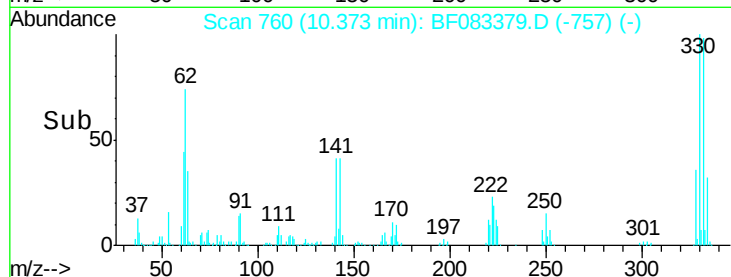
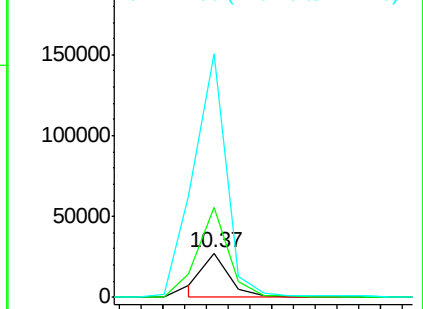
#66
 4-Bromophenyl-phenylether
 Concen: 3.43 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB45(15-15.5)

Tgt Ion:248 Resp: 23115
 Ion Ratio Lower Upper
 248 100
 250 204.4 78.6 118.0#
 141 550.5 44.4 66.6#

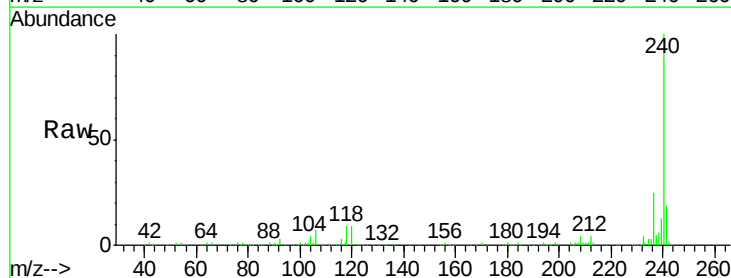


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

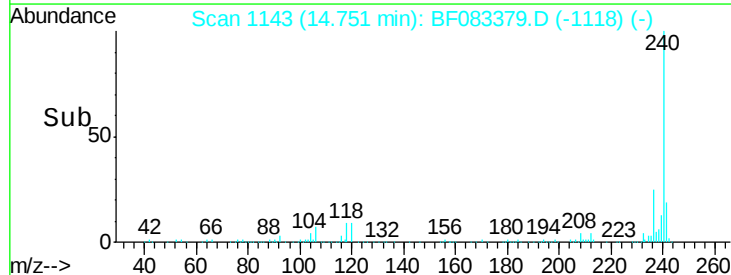
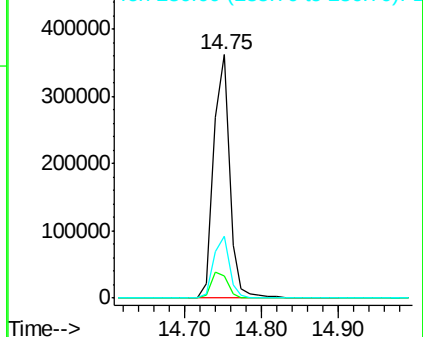


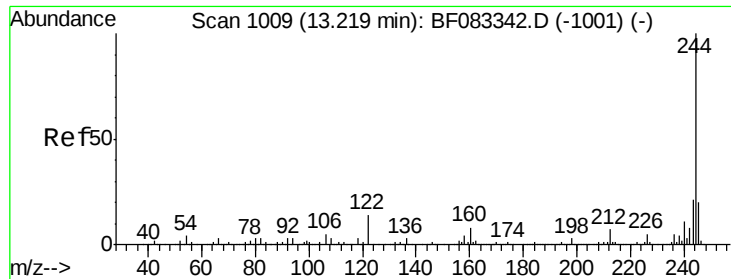
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Tgt Ion:240 Resp: 524066
 Ion Ratio Lower Upper
 240 100
 120 9.2 6.9 10.3
 236 25.5 19.8 29.6



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

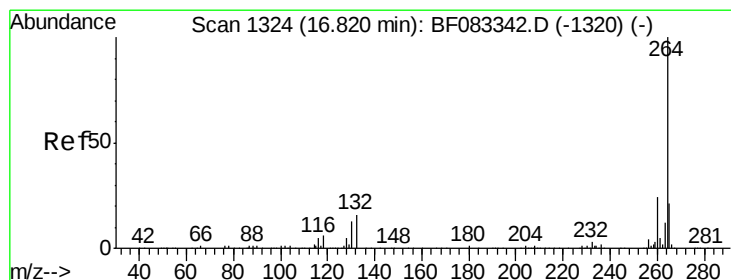
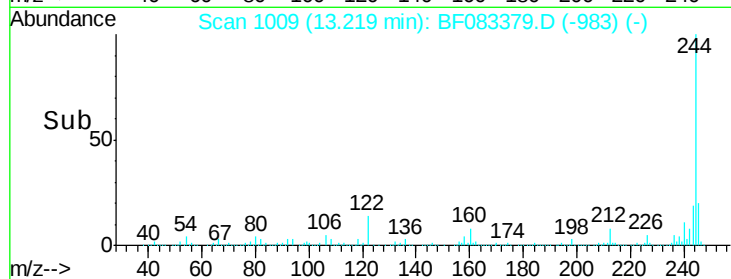
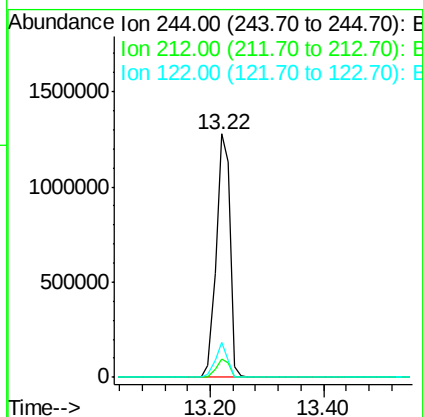
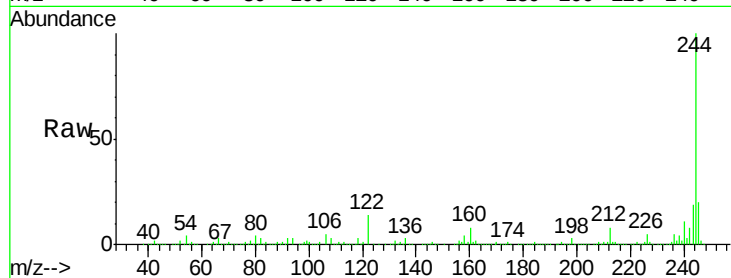




#78
 Terphenyl-d14
 Concen: 96.81 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB45(15-15.5)

Tgt Ion:244 Resp: 2127469
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083379.D
 Acq: 1 Dec 2015 18:25

Tgt Ion:264 Resp: 386068
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 21.3 16.8 25.2

