

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085585.D
 Acq On : 19 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1799-11 25X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB38(10-13)

Quant Time: Mar 21 00:03:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

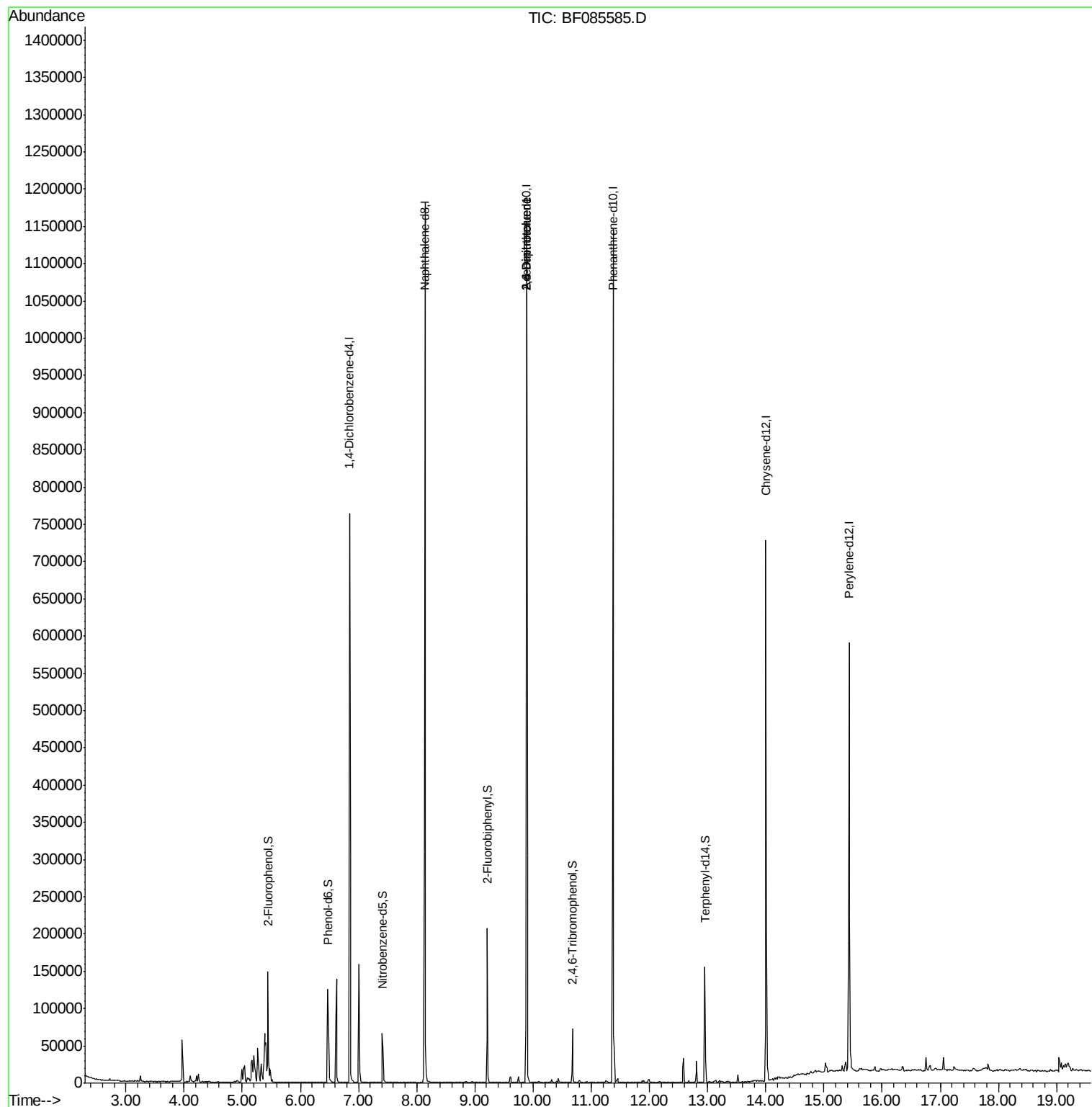
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127944	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	546462	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	227808	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	413854	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	244969	20.00	ng	-0.01
86) Perylene-d12	15.43	264	247506	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	47426	6.23	ng	-0.01
7) Phenol-d6	6.47	99	63800	6.53	ng	-0.02
23) Nitrobenzene-d5	7.41	82	33869	3.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	8887	3.98	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	71017	2.97	ng	-0.01
78) Terphenyl-d14	12.95	244	46709	4.59	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.62	77	1171	Below Cal		Qvalue 84
50) 2,6-Dinitrotoluene	9.89	165	29046	8.00 ng	#	19
56) 2,4-Dinitrotoluene	9.89	165	29041	6.11 ng	#	37

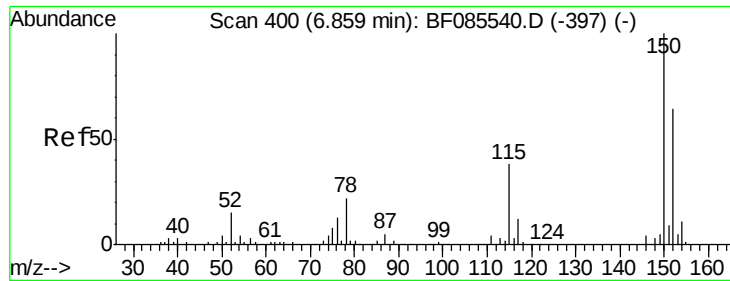
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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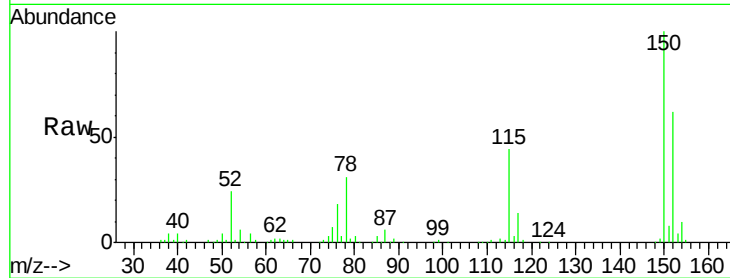


#1

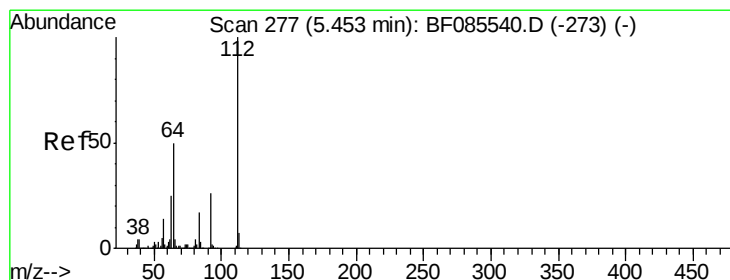
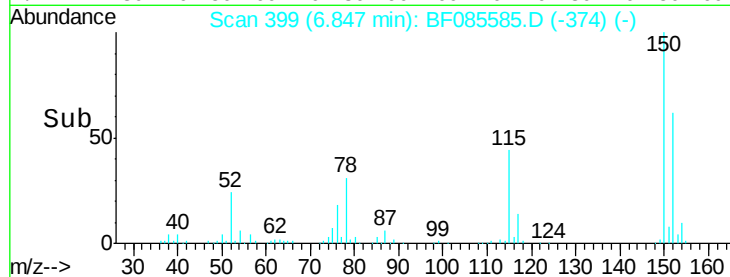
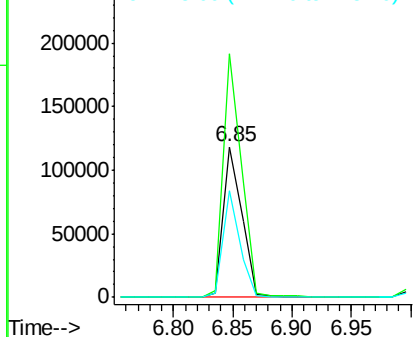
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085585.D
Acq: 19 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
AOU2-SB38(10-13)

Tgt Ion:152 Resp: 127944
Ion Ratio Lower Upper
152 100
150 161.9 124.2 186.2
115 70.6 47.0 70.6



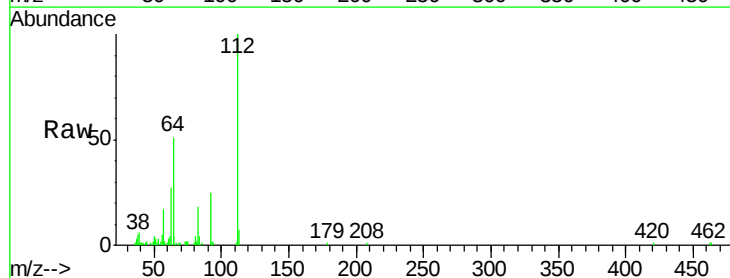
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



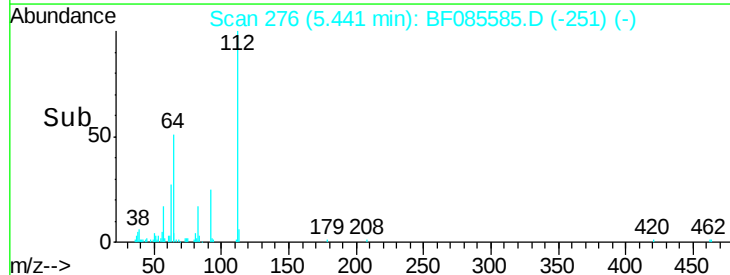
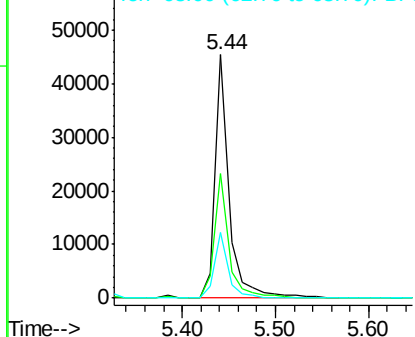
#5

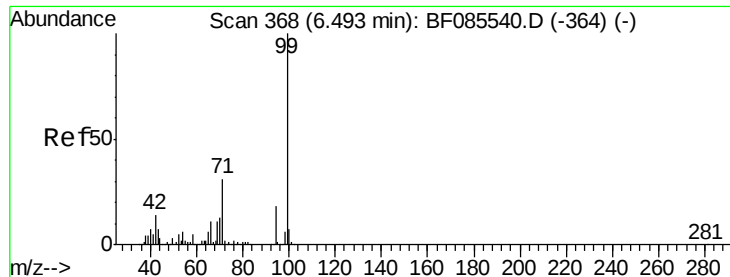
2-Fluorophenol
Concen: 6.23 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085585.D
Acq: 19 Mar 2016 20:55

Tgt Ion:112 Resp: 47426
Ion Ratio Lower Upper
112 100
64 51.3 39.9 59.9
63 26.7 20.2 30.2



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: 6.53 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085585.D

Acq: 19 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

AOU2-SB38(10-13)

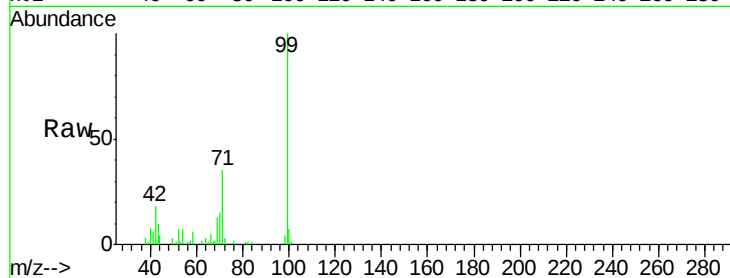
Tgt Ion: 99 Resp: 63800

Ion Ratio Lower Upper

99 100

42 18.4 11.1 16.7#

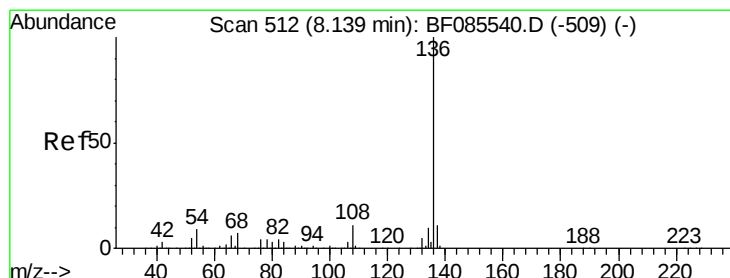
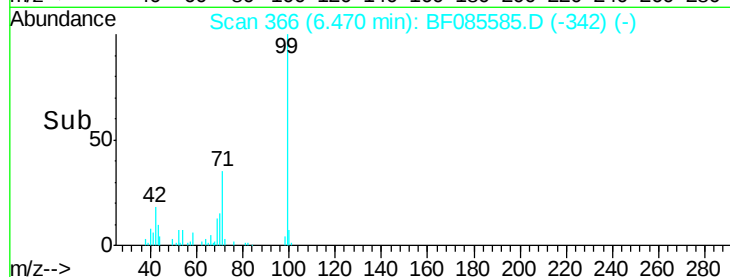
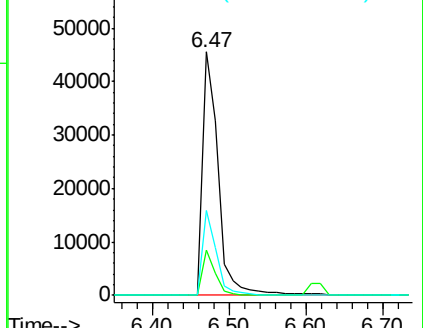
71 35.0 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085585.D

Acq: 19 Mar 2016 20:55

Tgt Ion: 136 Resp: 546462

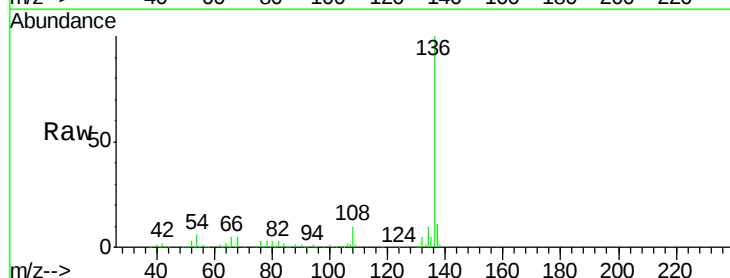
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.3 7.4 11.0#

68 5.3 5.8 8.8#

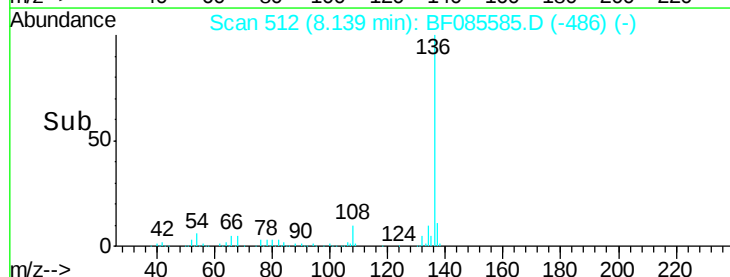
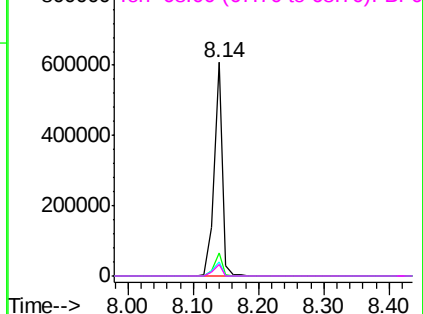


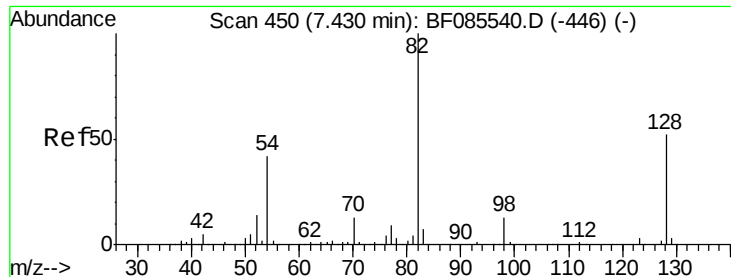
Abundance Ion 136.00 (135.70 to 136.70): E

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

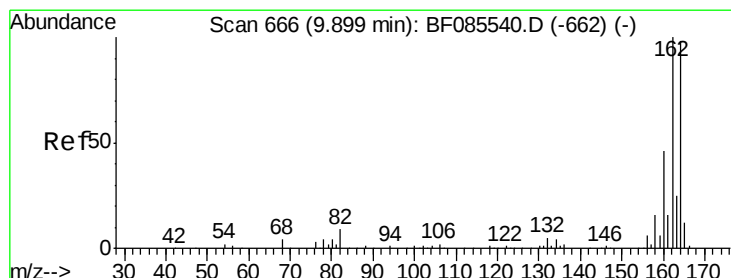
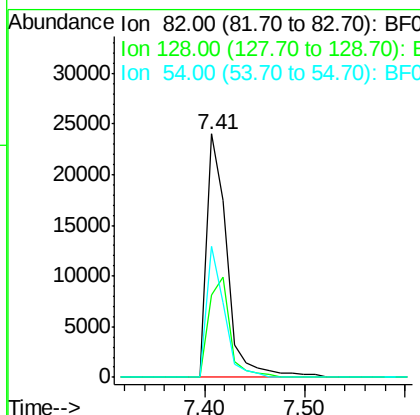
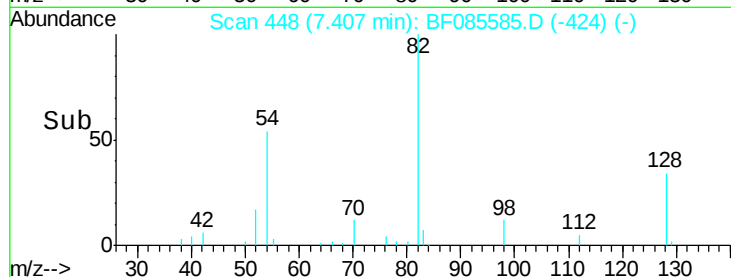
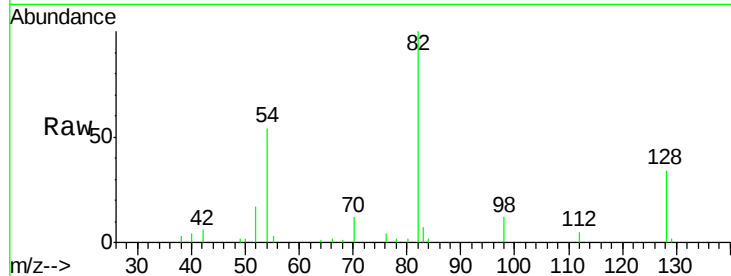




#23
 Nitrobenzene-d5
 Concen: 3.60 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085585.D
 Acq: 19 Mar 2016 20:55

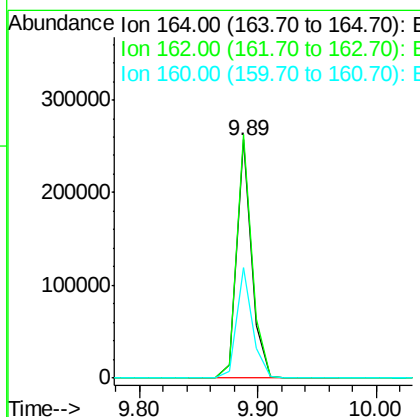
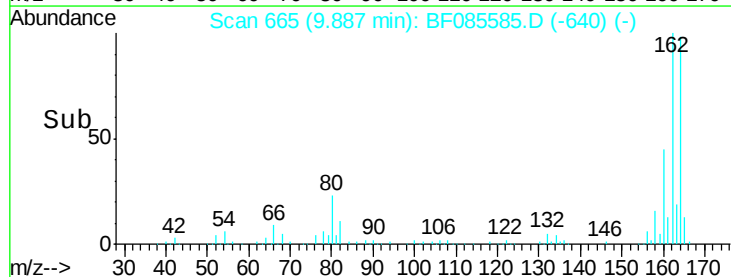
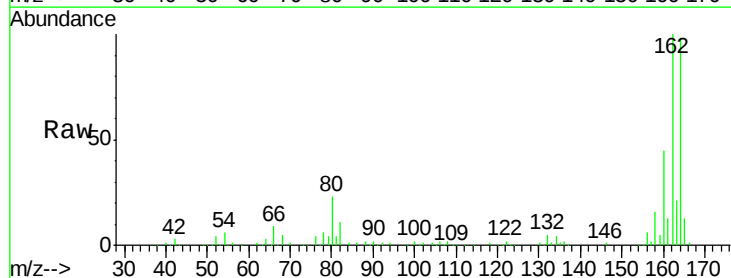
Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB38(10-13)

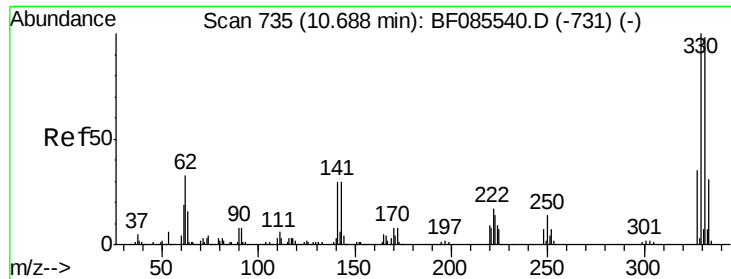
Tgt Ion: 82 Resp: 33869
 Ion Ratio Lower Upper
 82 100
 128 33.8 41.8 62.8#
 54 53.5 33.4 50.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085585.D
 Acq: 19 Mar 2016 20:55

Tgt Ion: 164 Resp: 227808
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 46.5 37.4 56.2

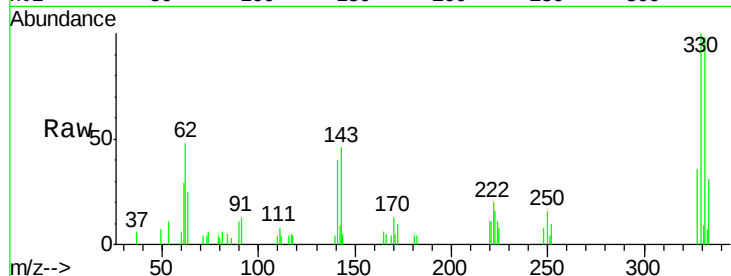




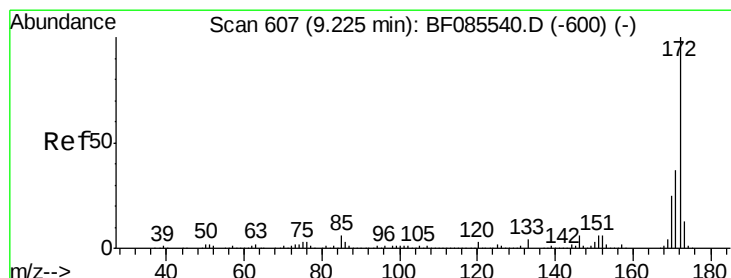
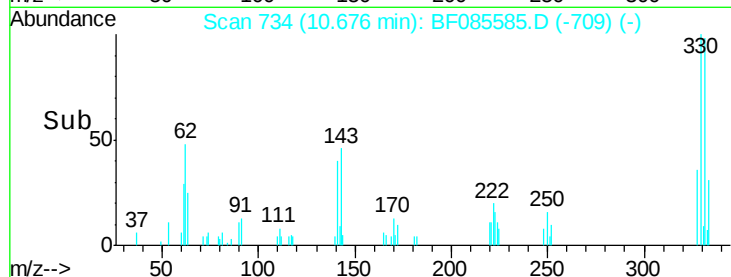
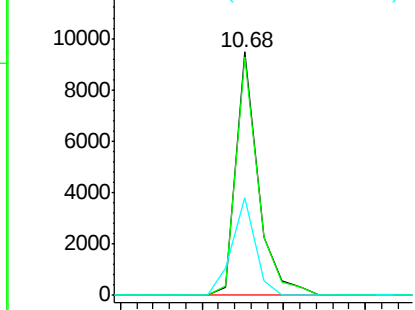
#41
 2,4,6-Tribromophenol
 Concen: 3.98 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085585.D
 Acq: 19 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB38(10-13)

Tgt Ion:330 Resp: 8887
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.2 117.2
 141 41.9 31.5 47.3

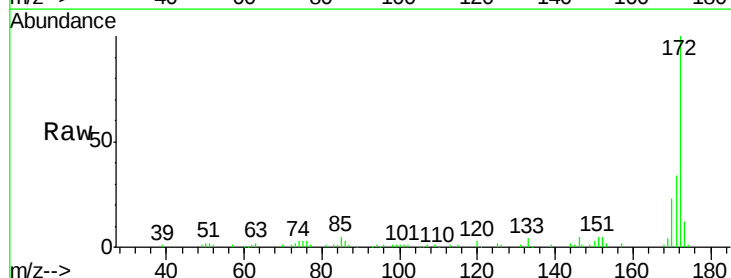


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

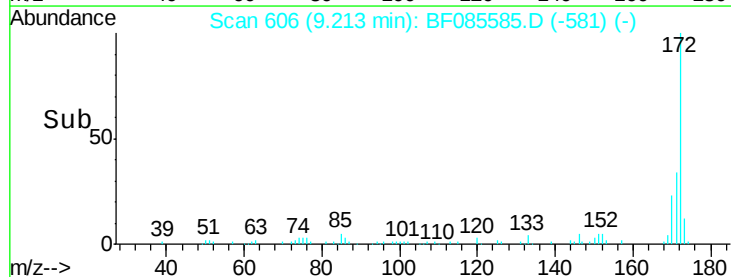
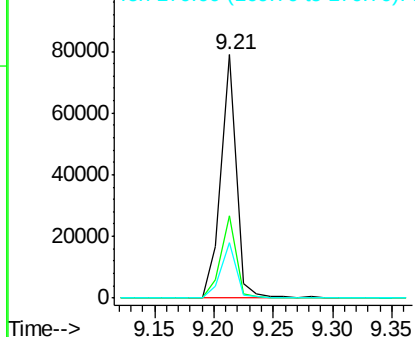


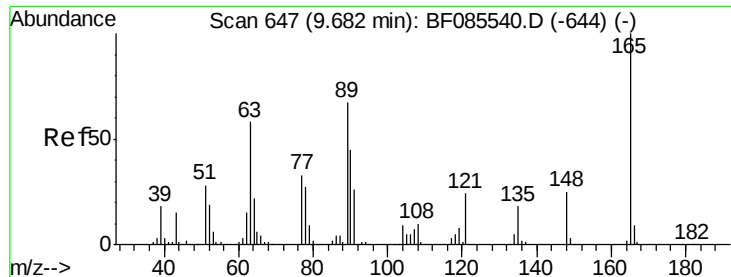
#44
 2-Fluorobiphenyl
 Concen: 2.97 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085585.D
 Acq: 19 Mar 2016 20:55

Tgt Ion:172 Resp: 71017
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.4 44.2
 170 23.0 19.8 29.6



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

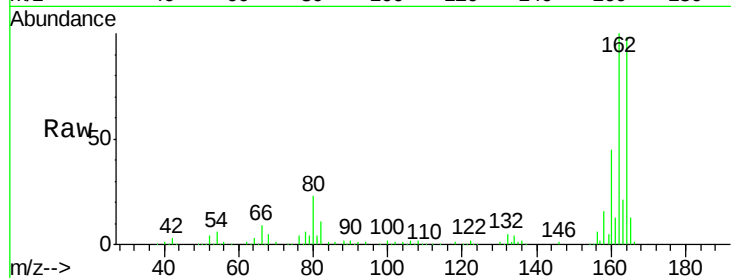




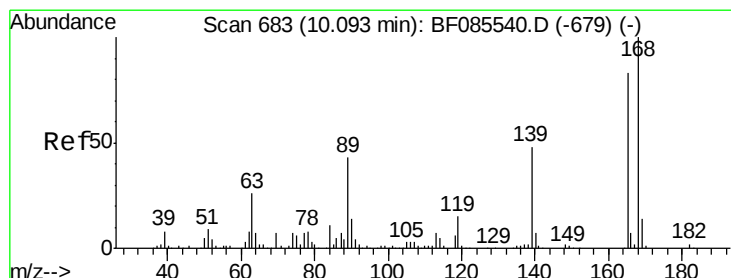
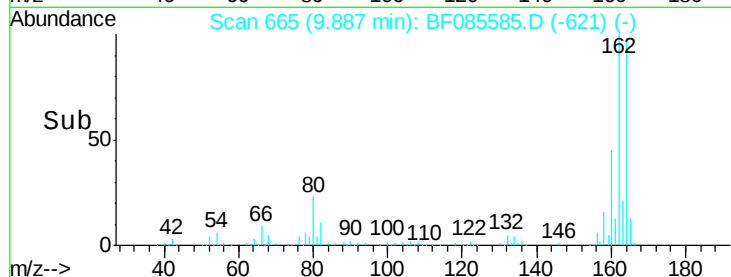
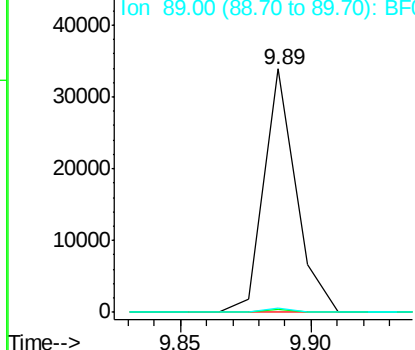
#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085585.D
 Acq: 19 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB38(10-13)

Tgt Ion:165 Resp: 29046
 Ion Ratio Lower Upper
 165 100
 63 1.0 51.8 77.8#
 89 1.7 53.7 80.5#

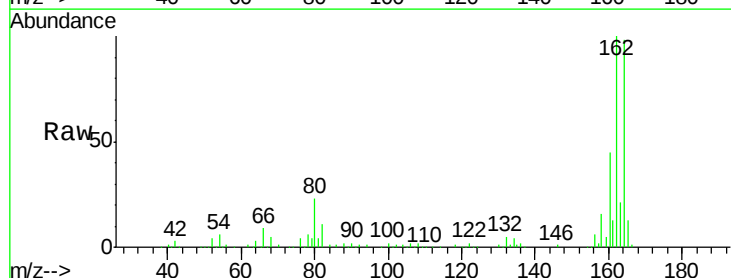


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

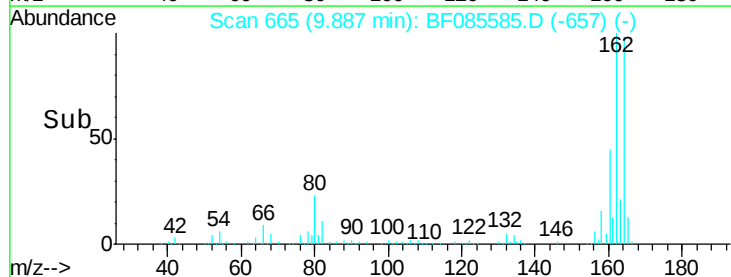
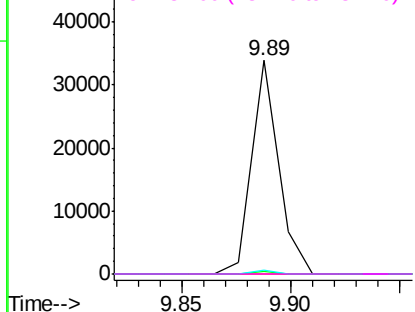


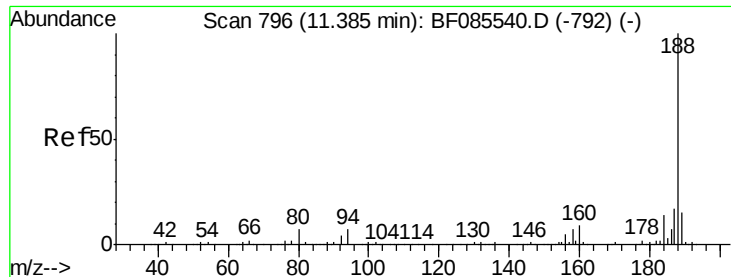
#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085585.D
 Acq: 19 Mar 2016 20:55

Tgt Ion:165 Resp: 29041
 Ion Ratio Lower Upper
 165 100
 63 1.0 24.9 37.3#
 89 1.7 41.0 61.6#
 182 0.0 2.1 3.1#



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

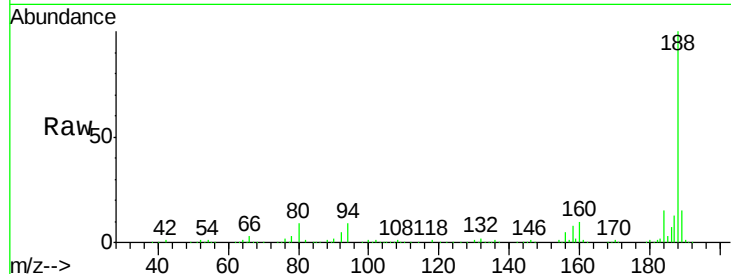




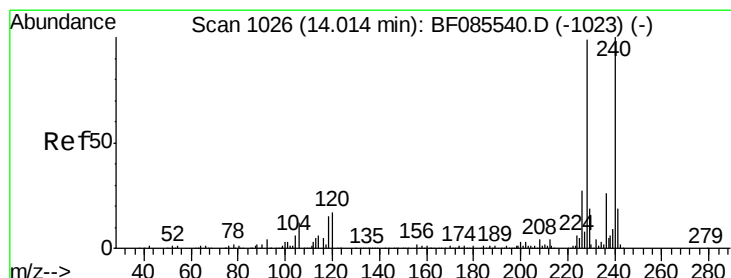
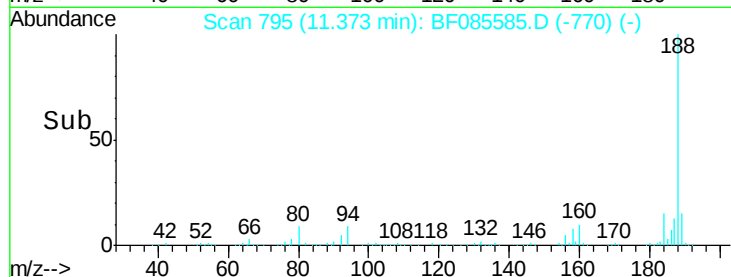
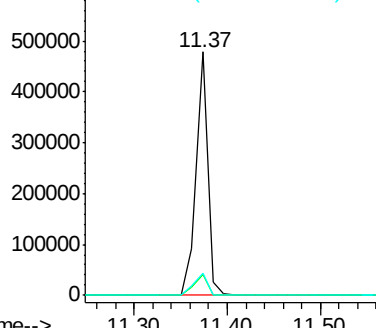
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085585.D
Acq: 19 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
AOU2-SB38(10-13)

Tgt Ion:188 Resp: 413854
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 8.9 5.5 8.3#

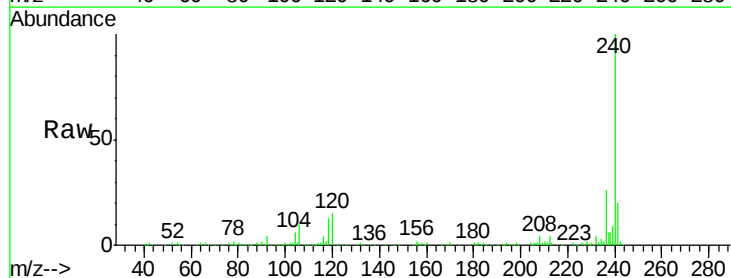


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

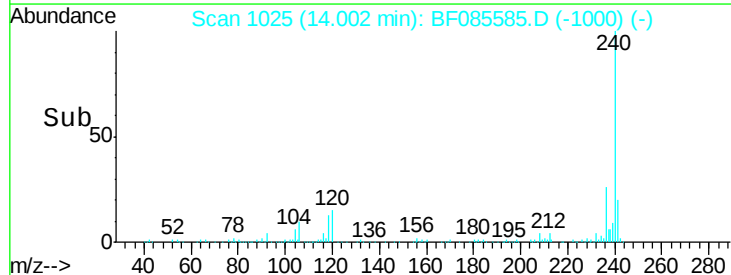
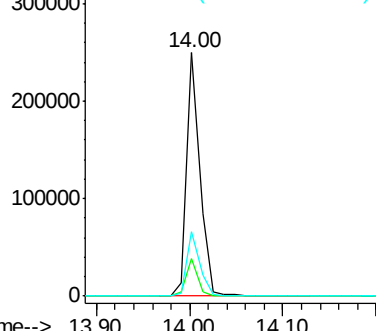


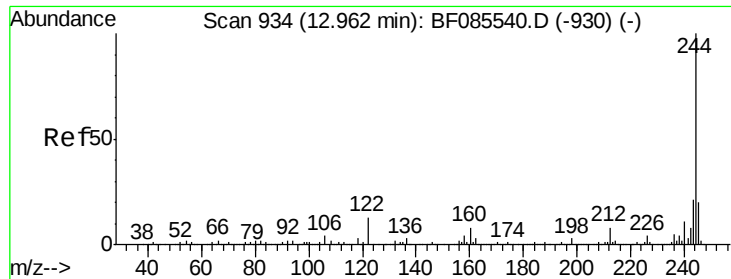
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085585.D
Acq: 19 Mar 2016 20:55

Tgt Ion:240 Resp: 244969
Ion Ratio Lower Upper
240 100
120 15.5 13.8 20.8
236 26.5 20.6 30.8



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

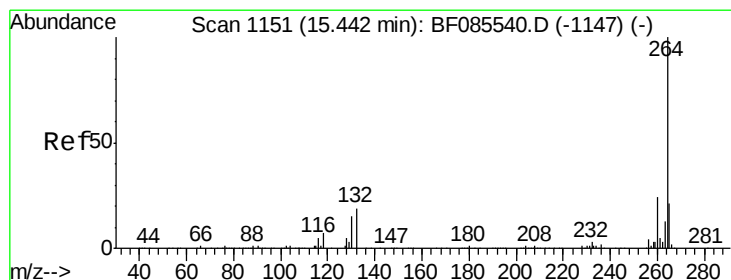
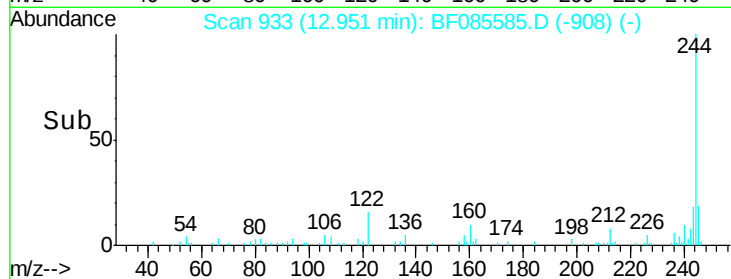
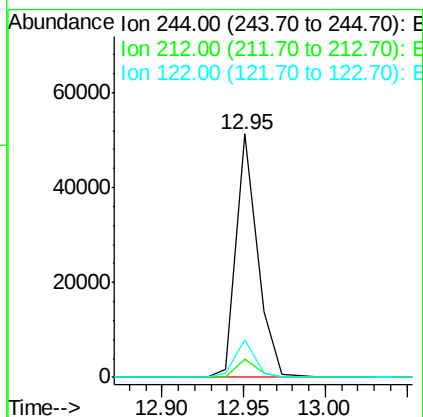
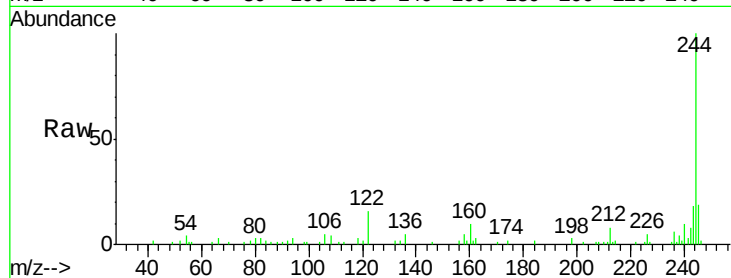




#78
 Terphenyl-d14
 Concen: 4.59 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085585.D
 Acq: 19 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB38(10-13)

Tgt Ion:244 Resp: 46709
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 15.6 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085585.D
 Acq: 19 Mar 2016 20:55

Tgt Ion:264 Resp: 247506
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.3 17.2 25.8

