

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085555.D
 Acq On : 19 Mar 2016 5:40
 Operator : UM/SJ
 Sample : H1788-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Mar 19 05:28:01 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

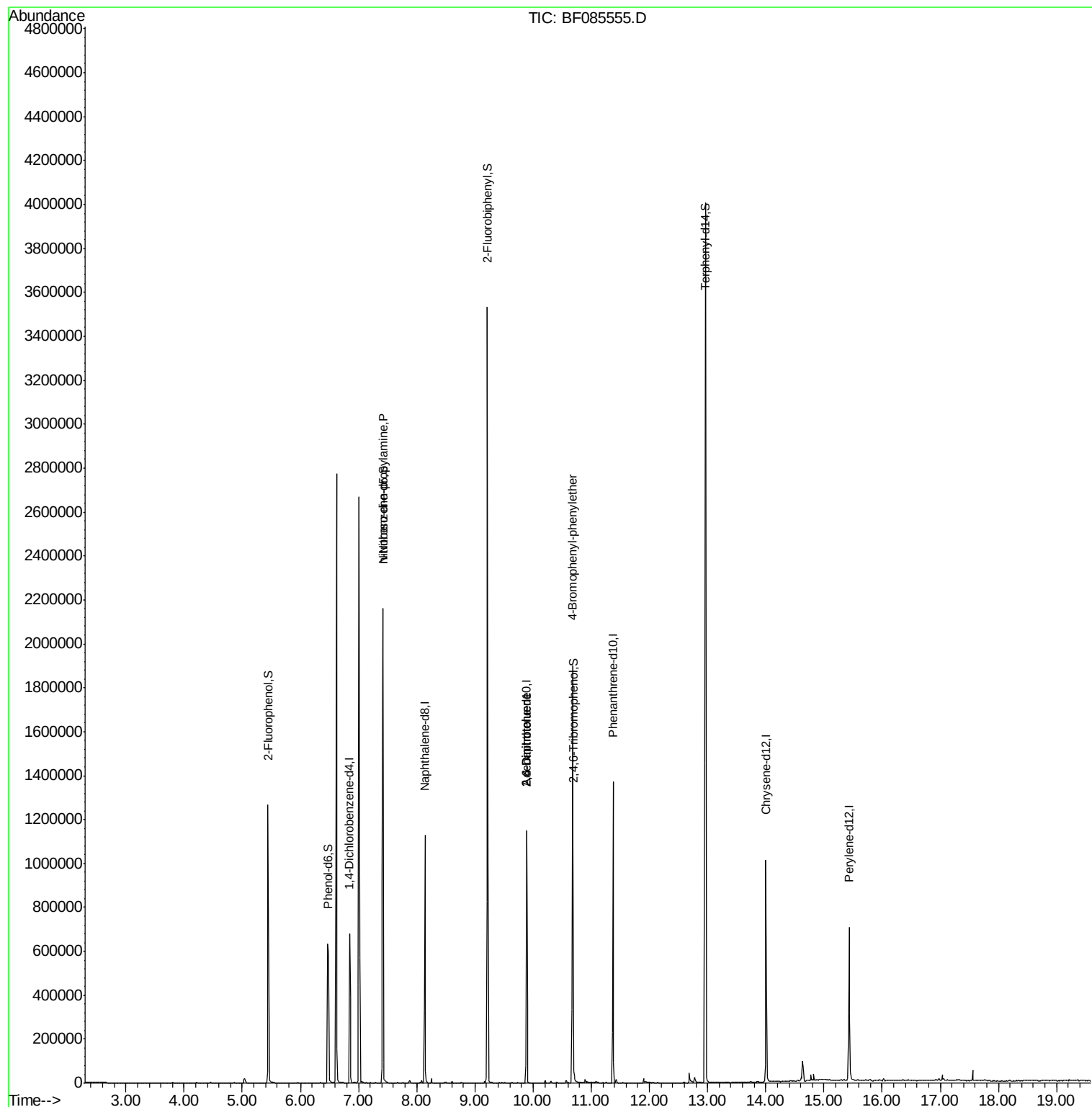
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126793	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	531753	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	231404	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	467059	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	376942	20.00	ng	-0.01
86) Perylene-d12	15.43	264	315789	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	441748	58.52	ng	-0.01
7) Phenol-d6	6.48	99	353202	36.48	ng	-0.01
23) Nitrobenzene-d5	7.42	82	800459	87.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	344437	151.95	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1271042	97.17	ng	-0.01
78) Terphenyl-d14	12.96	244	1310917	83.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	108461	18.75	ng	# 77
50) 2,6-Dinitrotoluene	9.89	165	29662	8.05	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	29664	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	21035	4.51	ng	# 1

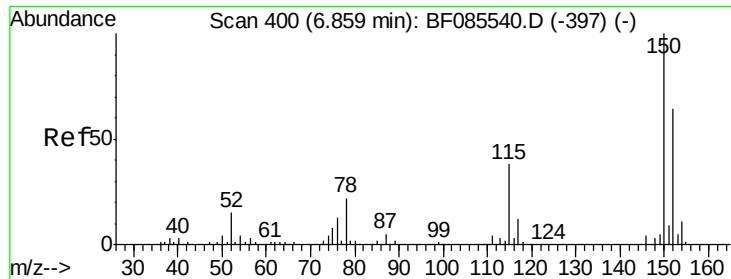
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085555.D

Acq: 19 Mar 2016 5:40

Instrument :

BNA_F

ClientSampled :

TW-1

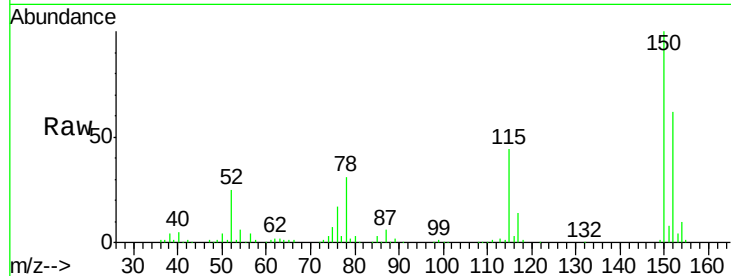
Tgt Ion:152 Resp: 126793

Ion Ratio Lower Upper

152 100

150 162.2 124.2 186.2

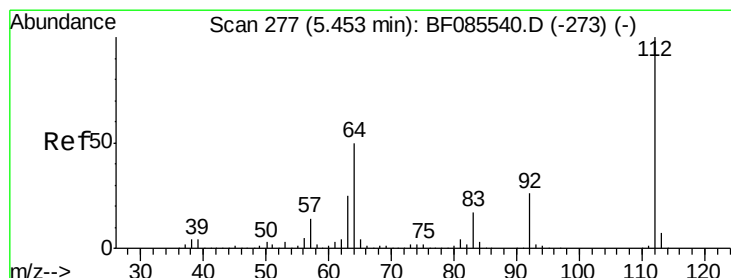
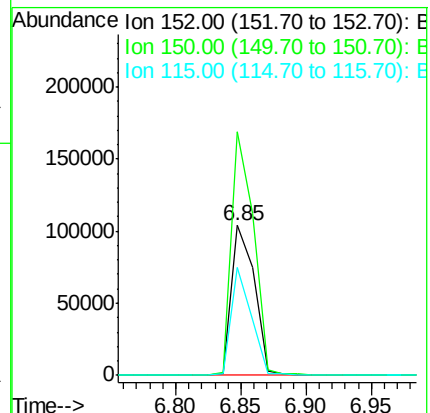
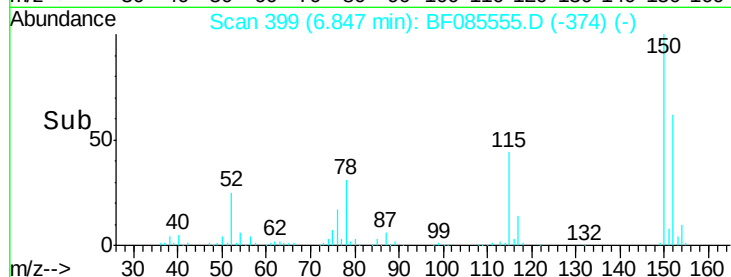
115 71.7 47.0 70.6#



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: 58.52 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085555.D

Acq: 19 Mar 2016 5:40

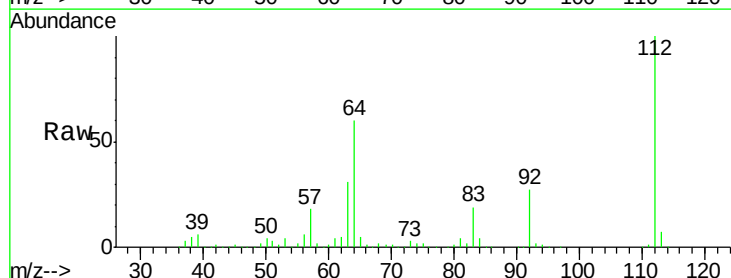
Tgt Ion:112 Resp: 441748

Ion Ratio Lower Upper

112 100

64 60.2 39.9 59.9#

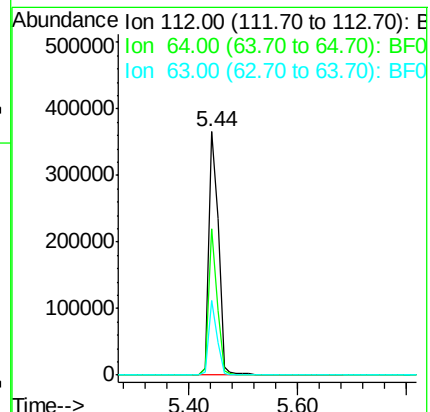
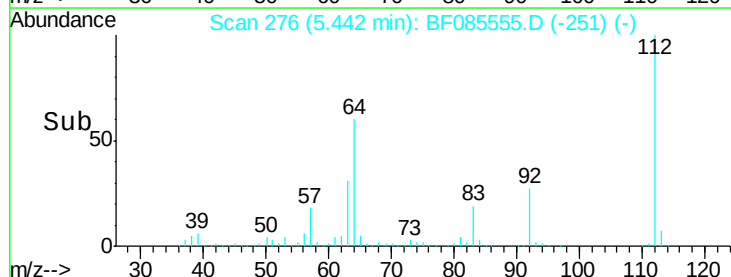
63 30.6 20.2 30.2#

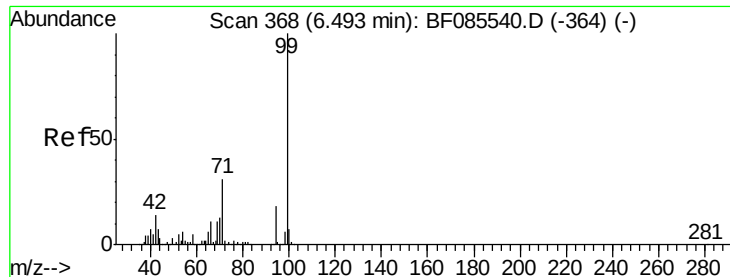


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.48 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085555.D

Acq: 19 Mar 2016 5:40

Instrument :

BNA_F

ClientSampleId :

TW-1

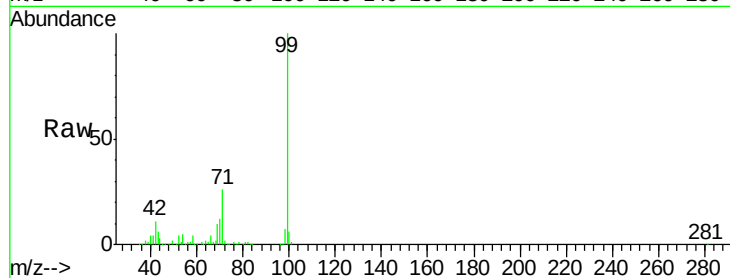
Tgt Ion: 99 Resp: 353202

Ion Ratio Lower Upper

99 100

42 11.1 11.1 16.7#

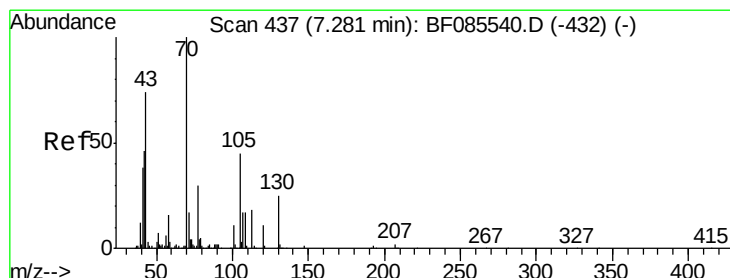
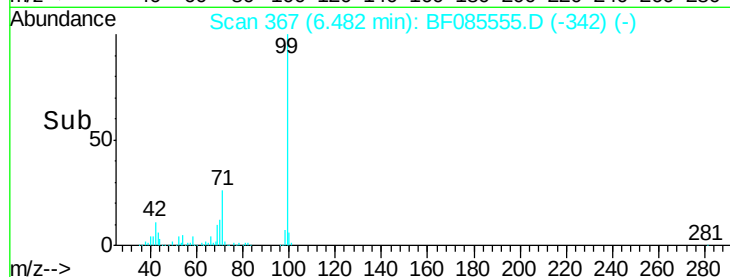
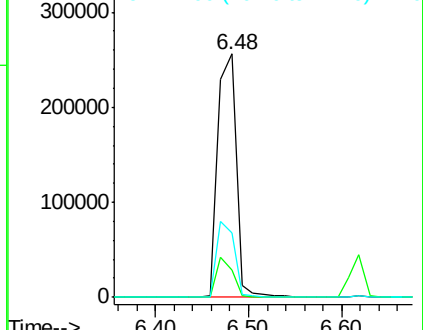
71 26.5 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.75 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085555.D

Acq: 19 Mar 2016 5:40

Tgt Ion: 70 Resp: 108461

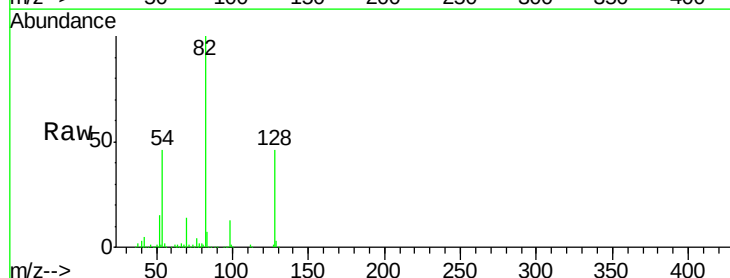
Ion Ratio Lower Upper

70 100

42 39.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

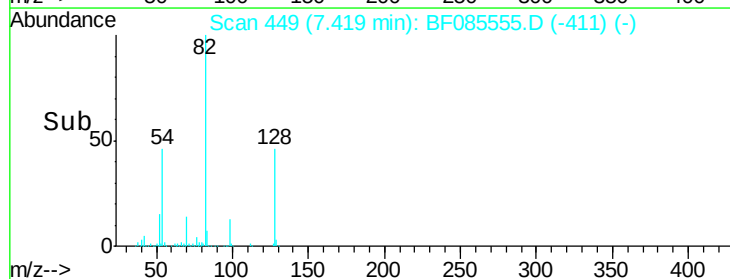
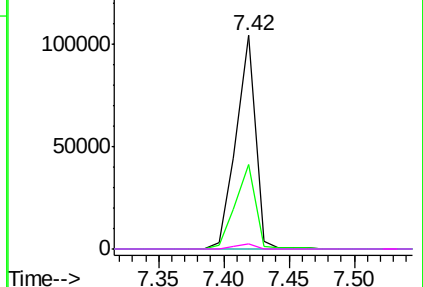


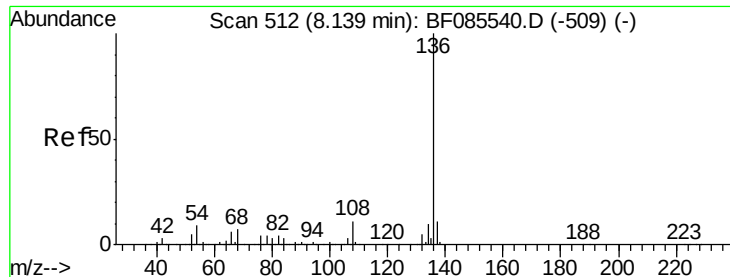
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

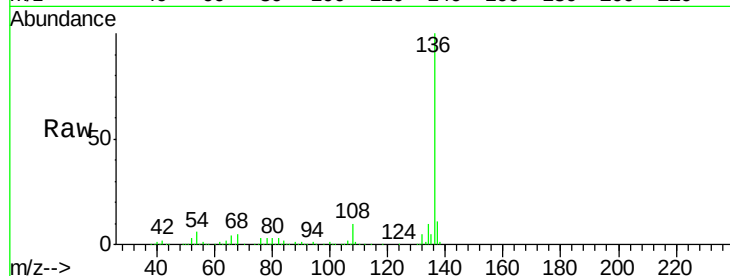




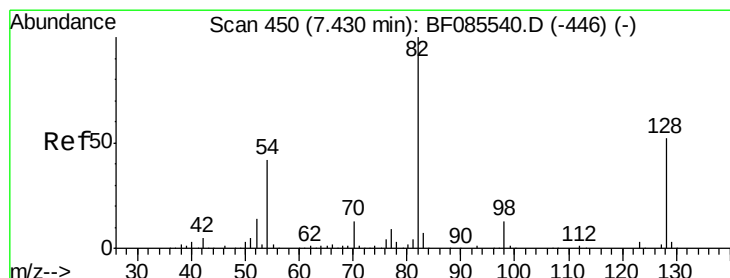
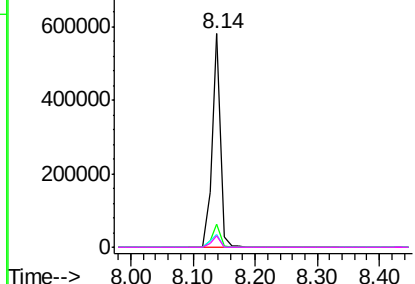
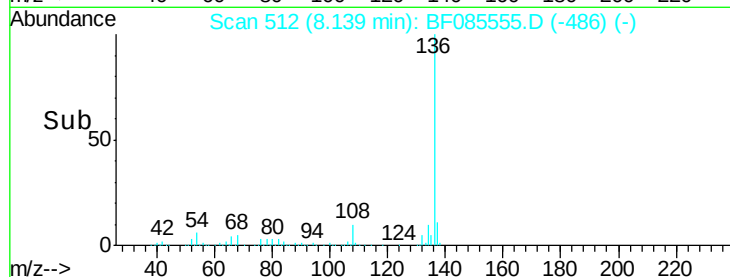
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085555.D
Acq: 19 Mar 2016 5:40

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:	136	Resp:	531753
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.1	7.4	11.0#
68	5.4	5.8	8.8#

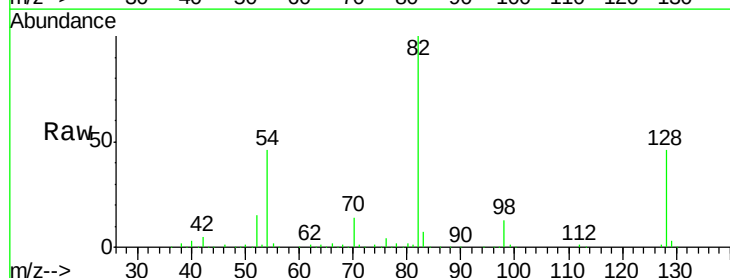


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

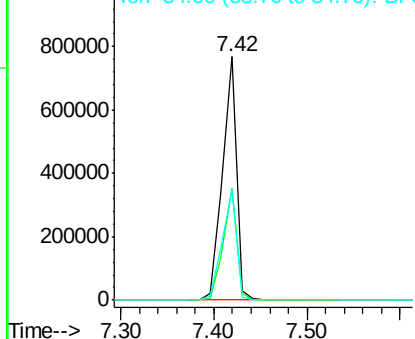
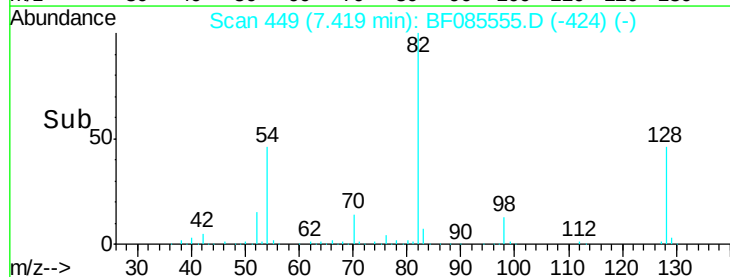


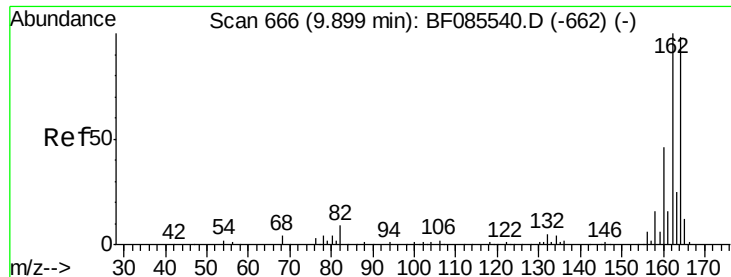
#23
Nitrobenzene-d5
Concen: 87.38 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085555.D
Acq: 19 Mar 2016 5:40

Tgt Ion:	82	Resp:	800459
Ion	Ratio	Lower	Upper
82	100		
128	45.9	41.8	62.8
54	45.6	33.4	50.0



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

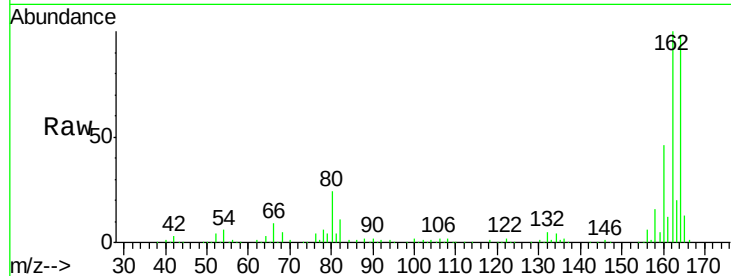




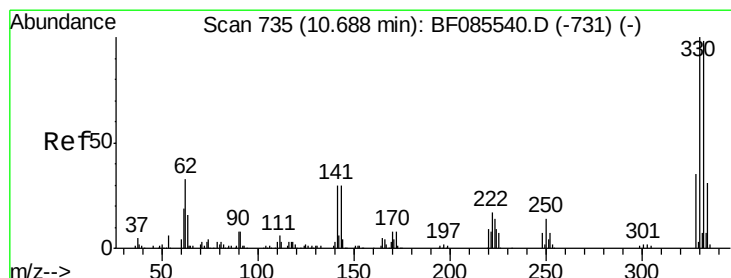
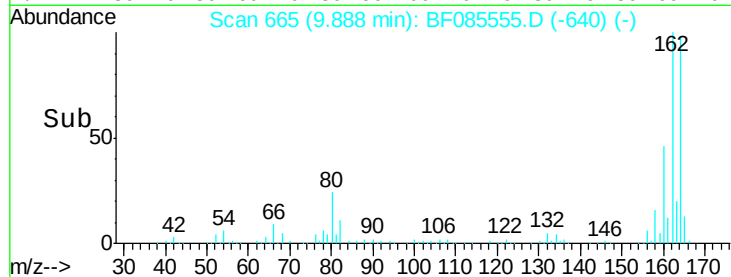
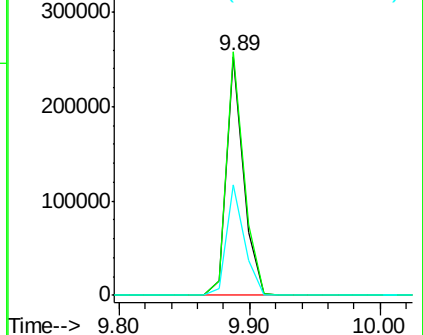
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:164 Resp: 231404
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 46.5 37.4 56.2

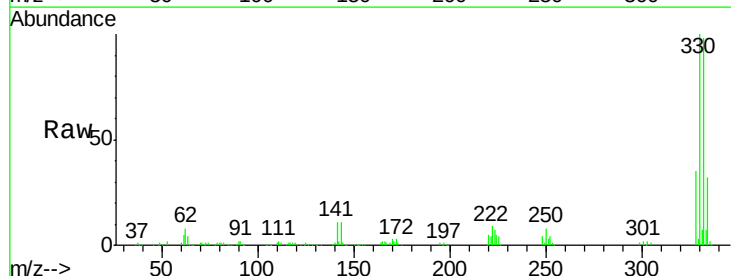


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

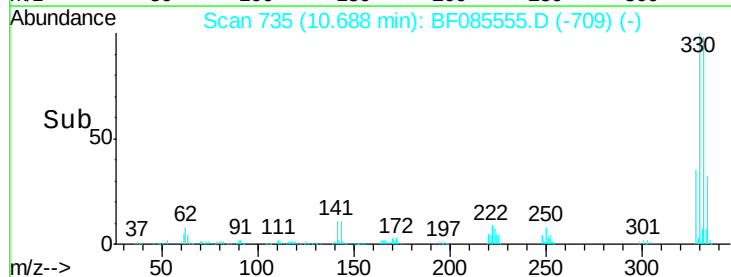
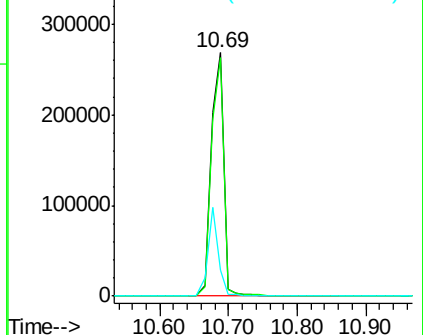


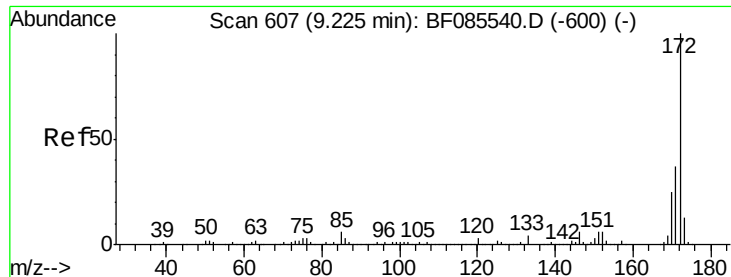
#41
 2,4,6-Tribromophenol
 Concen: 151.95 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

Tgt Ion:330 Resp: 344437
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.2
 141 30.6 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

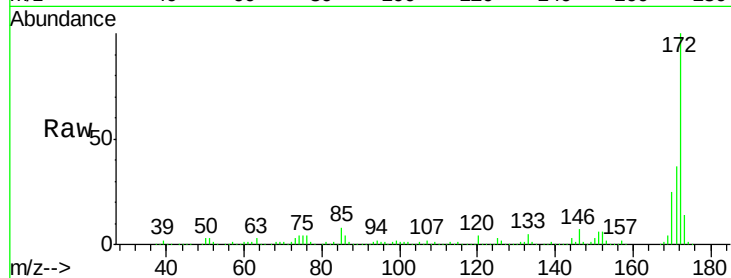




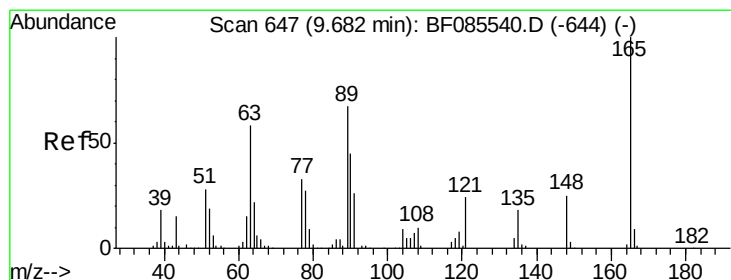
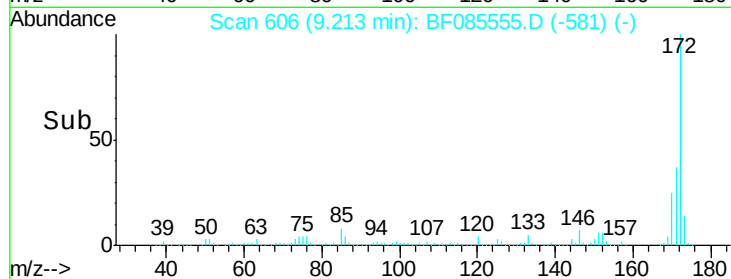
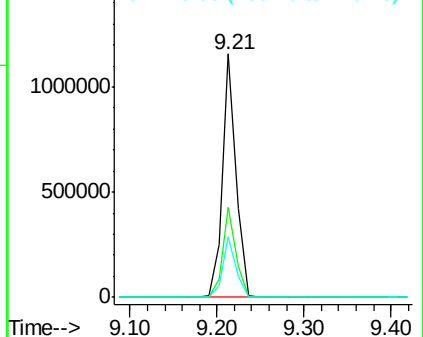
#44
 2-Fluorobiphenyl
 Concen: 97.17 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:172 Resp: 1271042
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.7 19.8 29.6

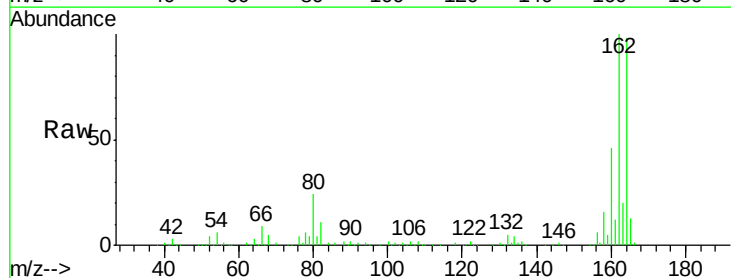


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

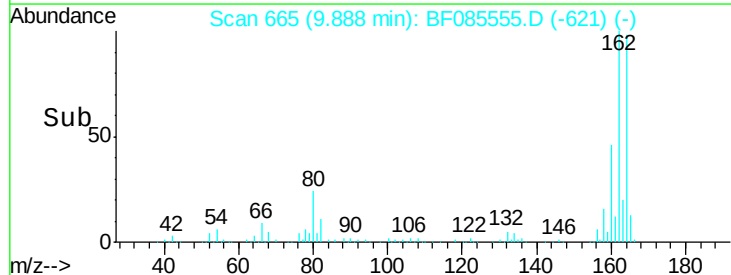
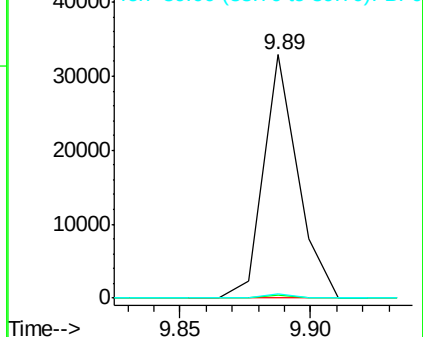


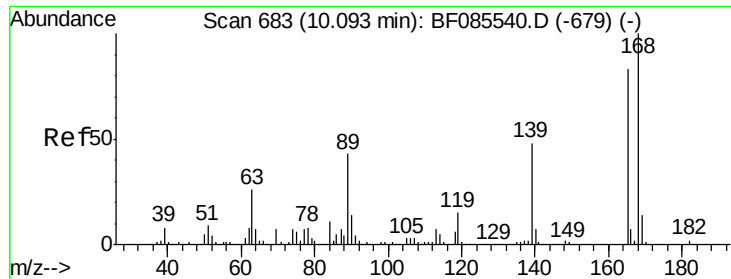
#50
 2,6-Dinitrotoluene
 Concen: 8.05 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

Tgt Ion:165 Resp: 29662
 Ion Ratio Lower Upper
 165 100
 63 1.5 51.8 77.8#
 89 1.6 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

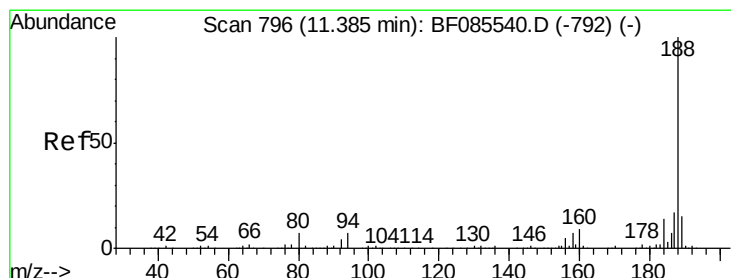
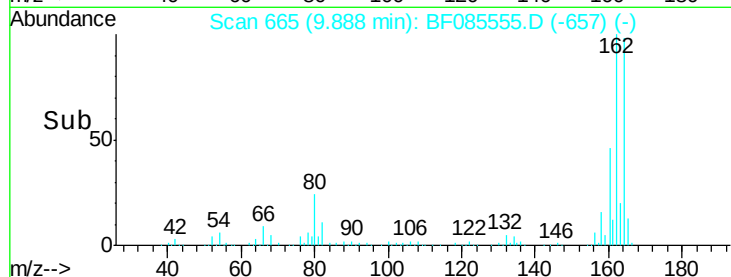
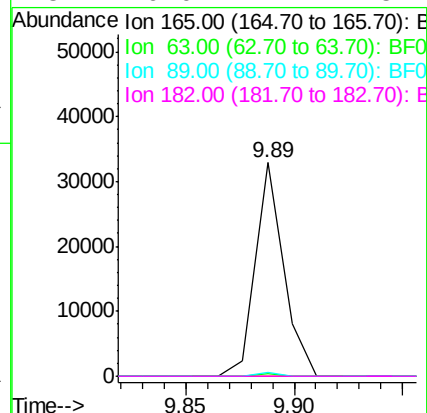
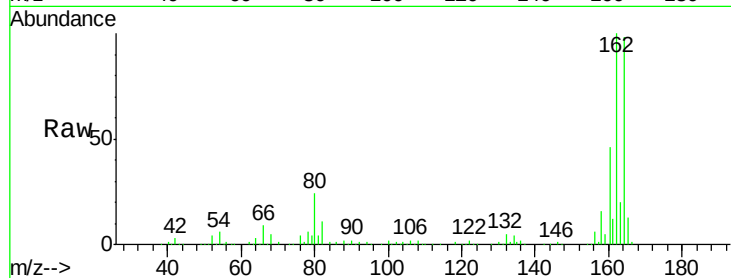




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

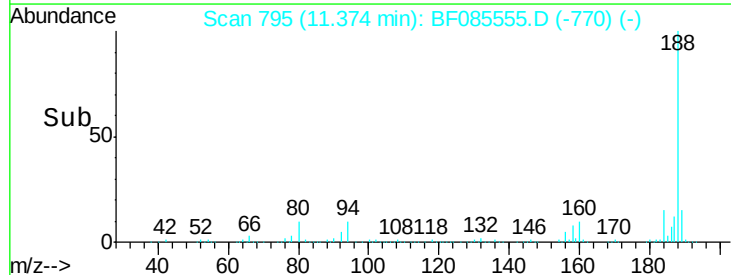
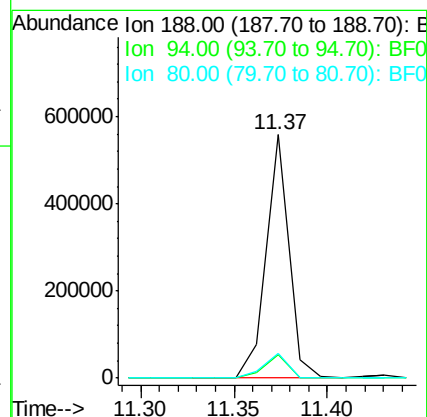
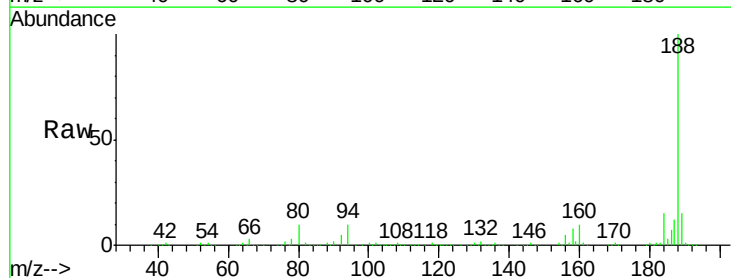
Instrument :
 BNA_F
 ClientSampleId :
 TW-1

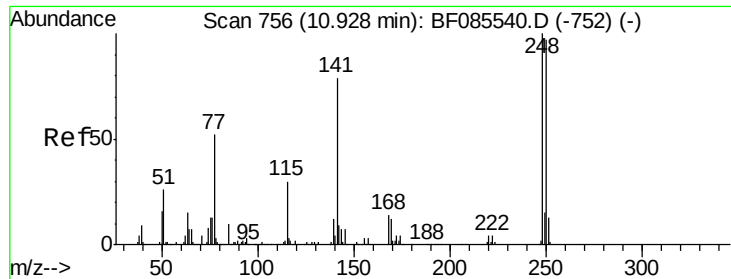
Tgt Ion:	165	Resp:	29664
Ion Ratio	Lower	Upper	
165	100		
63	1.5	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

Tgt Ion:	188	Resp:	467059
Ion Ratio	Lower	Upper	
188	100		
94	9.7	5.4	8.0#
80	10.3	5.5	8.3#

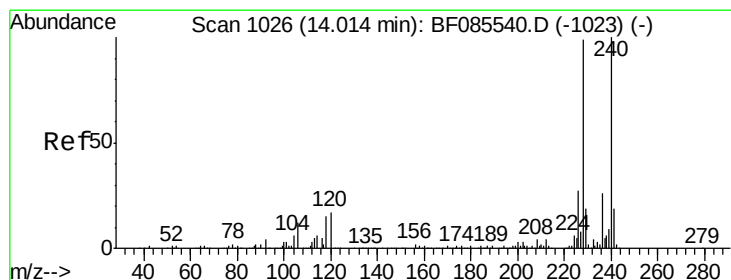
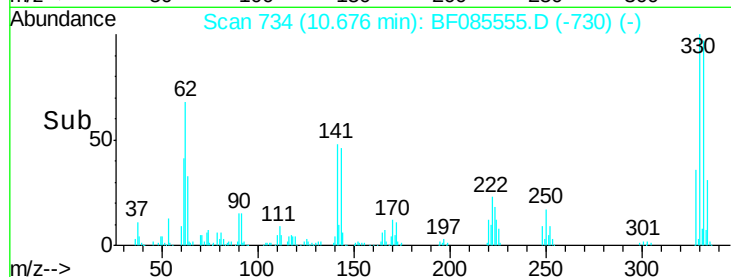
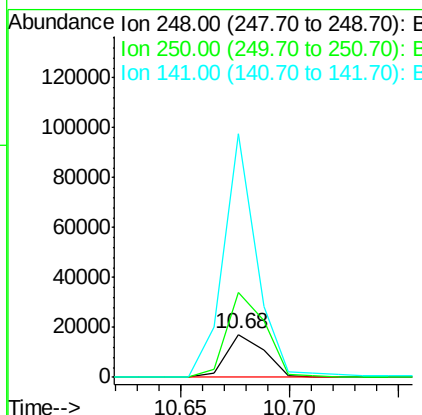
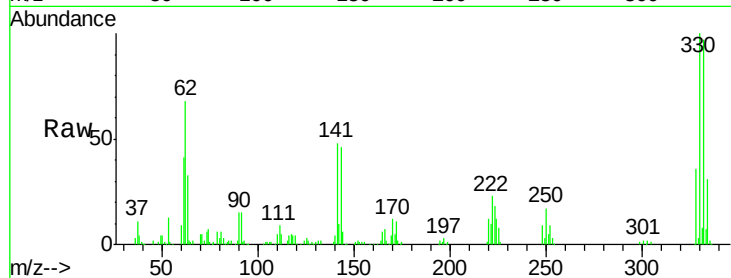




#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

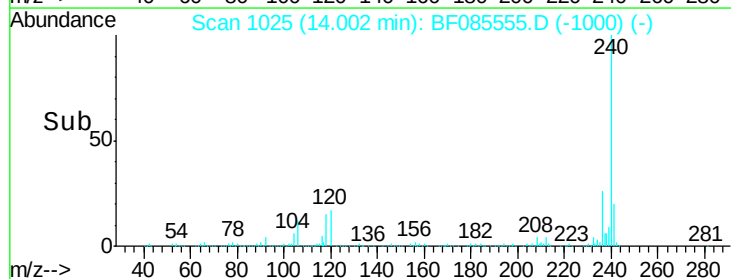
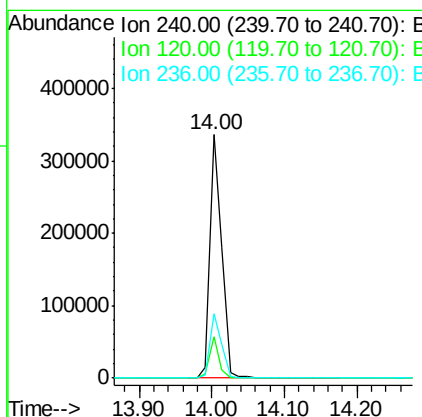
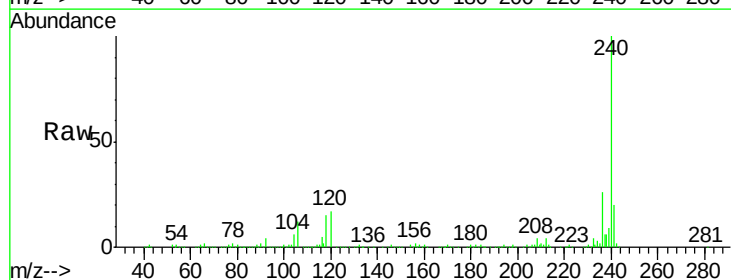
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 TW-1

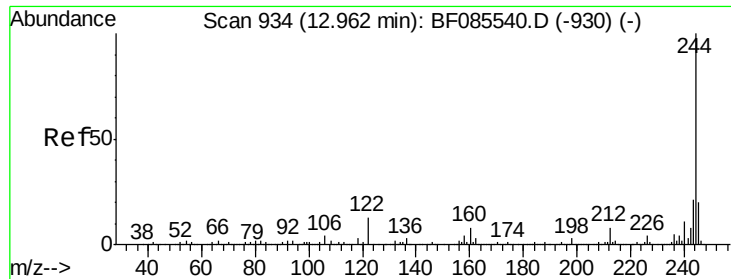
Tgt Ion:248 Resp: 21035
 Ion Ratio Lower Upper
 248 100
 250 195.1 77.4 116.0#
 141 562.6 63.6 95.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

Tgt Ion:240 Resp: 376942
 Ion Ratio Lower Upper
 240 100
 120 17.0 13.8 20.8
 236 26.4 20.6 30.8

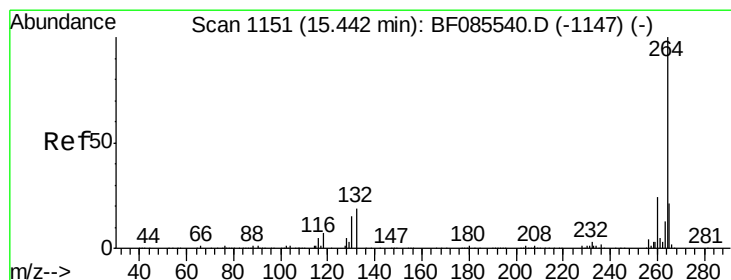
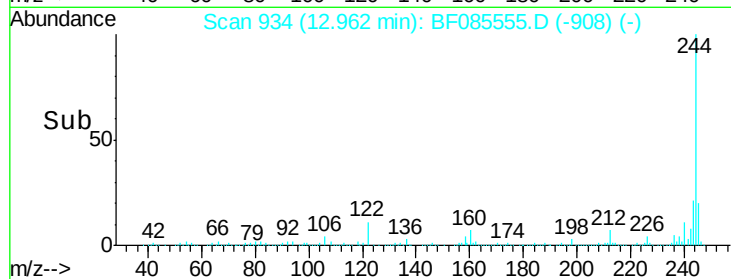
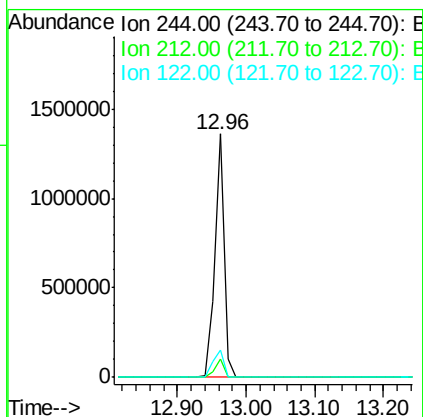
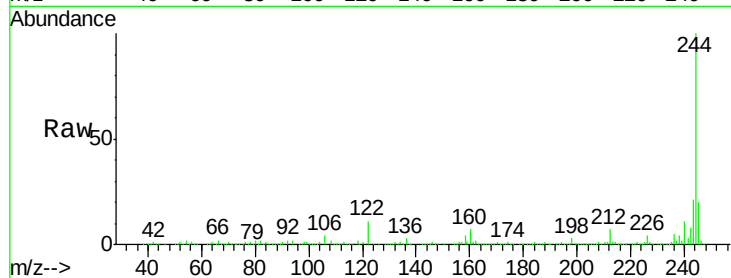




#78
 Terphenyl-d14
 Concen: 83.69 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085555.D
 Acq: 19 Mar 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:244 Resp: 1310917
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.4 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: BF085555.D
 Acq: 19 Mar 2016 5:40

Tgt Ion:264 Resp: 315789
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.8 17.2 25.8

