

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085934.D
 Acq On : 31 Mar 2016 18:23
 Operator : UM/SJ
 Sample : H1976-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Mar 31 21:47:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

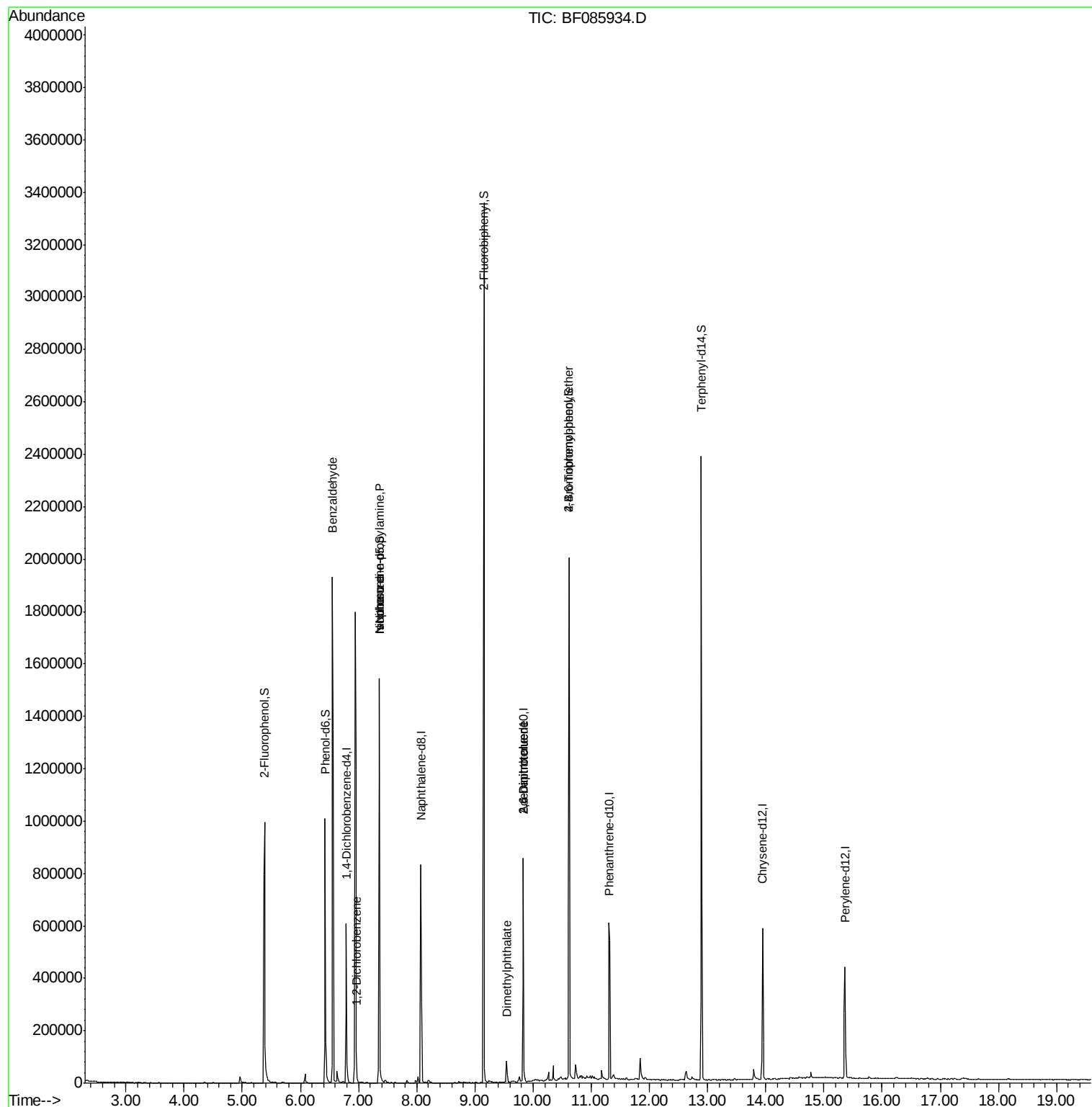
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106472	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	411866	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	183758	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	313105	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	196298	20.00	ng	-0.02
86) Perylene-d12	15.36	264	198730	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	444410	69.51	ng	-0.01
7) Phenol-d6	6.42	99	375580	46.21	ng	-0.02
23) Nitrobenzene-d5	7.36	82	706368	96.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	240898	137.98	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1188566	108.07	ng	-0.01
78) Terphenyl-d14	12.89	244	755941	79.20	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.55	77	15210	3.11	ng	# 78
14) 1,2-Dichlorobenzene	6.96	146	25991	3.44	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	91630	18.83	ng	# 73
25) Isophorone	7.36	82	694982	49.33	ng	# 68
49) Dimethylphthalate	9.54	163	33524	2.40	ng	99
50) 2,6-Dinitrotoluene	9.83	165	23643	7.88	ng	# 19
56) 2,4-Dinitrotoluene	9.83	165	23643	6.20	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	16611	5.19	ng	# 1

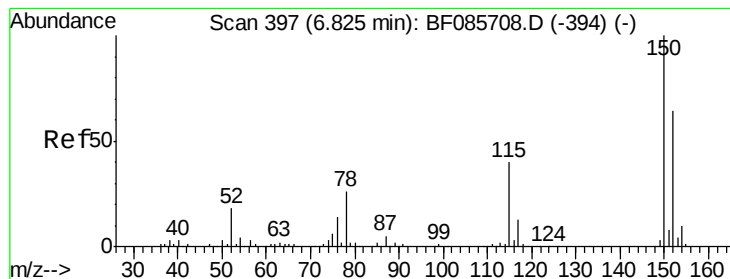
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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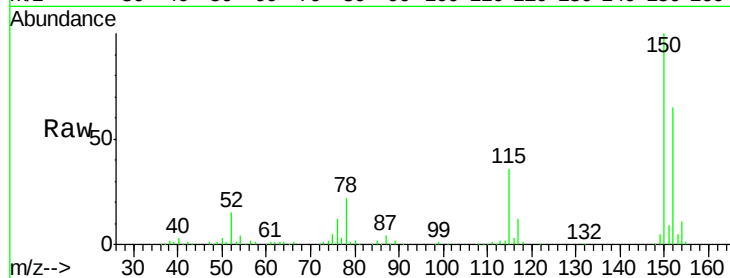




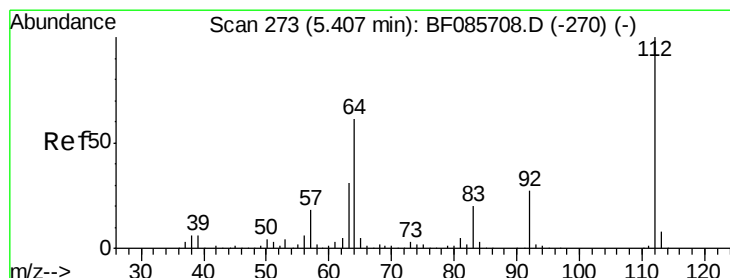
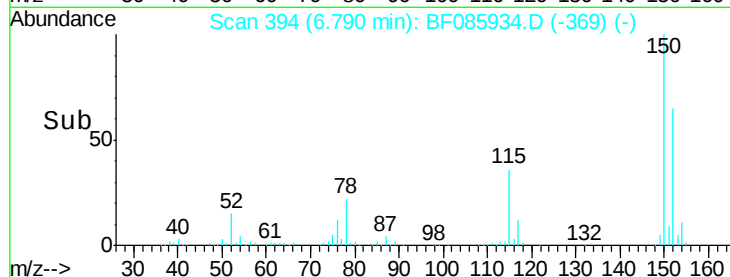
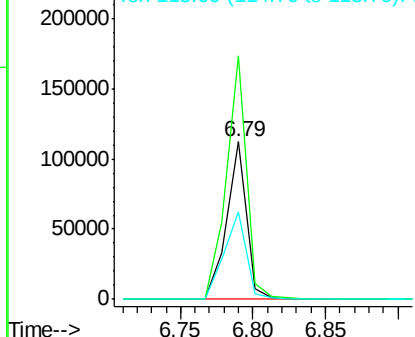
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF085934.D
 Acq: 31 Mar 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Tgt Ion:152 Resp: 106472
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.2 186.2
 115 55.2 47.0 70.6

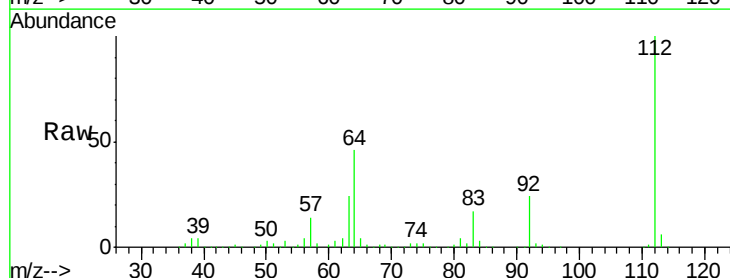


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

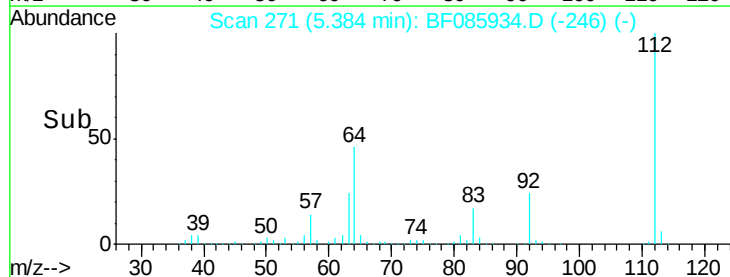
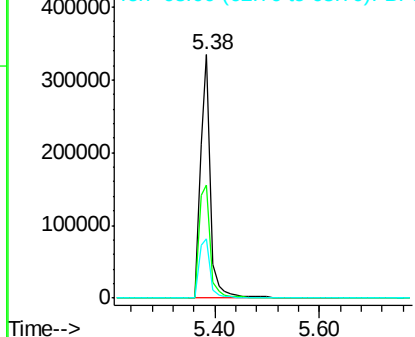


#5
 2-Fluorophenol
 Concen: 69.51 ng
 RT: 5.38 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: BF085934.D
 Acq: 31 Mar 2016 18:23

Tgt Ion:112 Resp: 444410
 Ion Ratio Lower Upper
 112 100
 64 46.4 39.9 59.9
 63 24.1 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: 46.21 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

Instrument :

BNA_F

ClientSampled :

MW-7

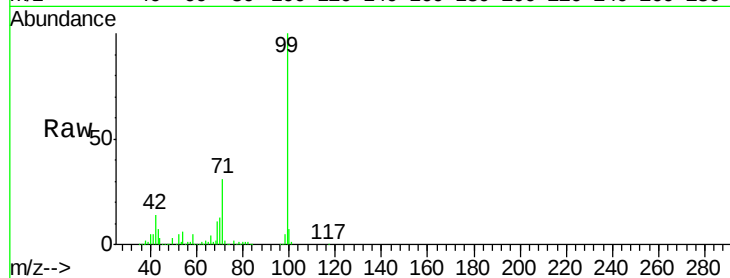
Tgt Ion: 99 Resp: 375580

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

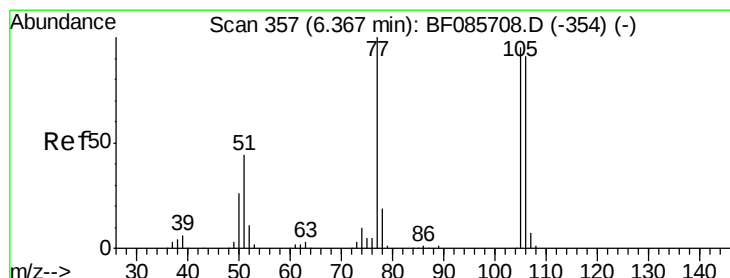
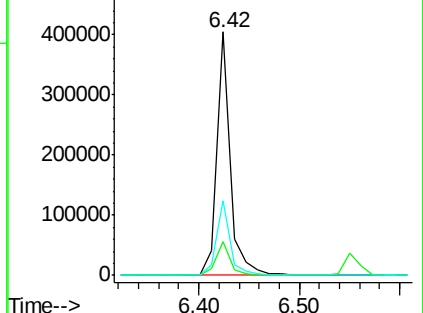
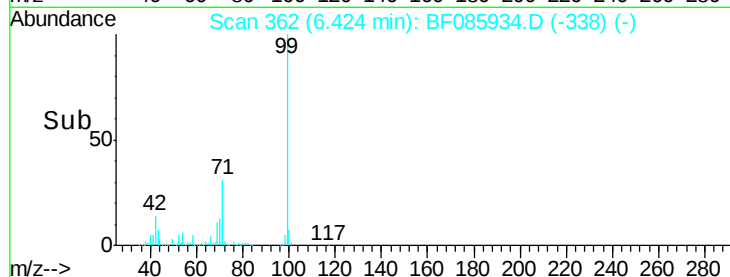
71 30.9 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.11 ng

RT: 6.55 min Scan# 373

Delta R.T. 0.21 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

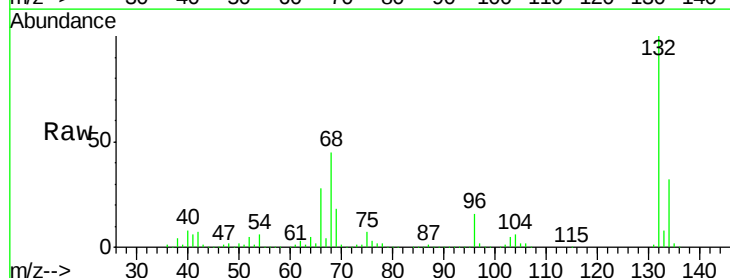
Tgt Ion: 77 Resp: 15210

Ion Ratio Lower Upper

77 100

105 79.6 80.1 120.1#

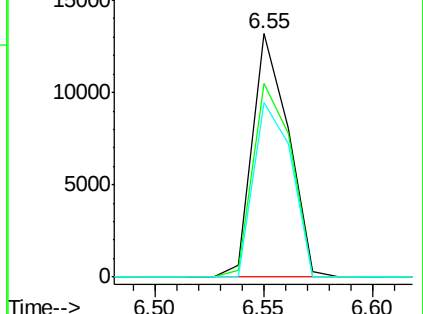
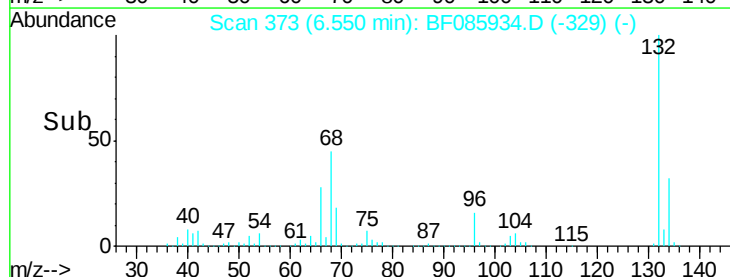
106 71.9 75.0 115.0#

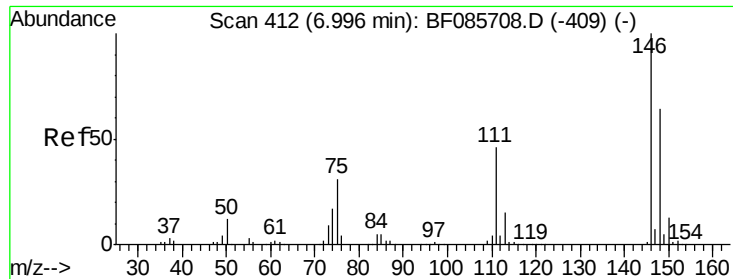


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#14

1,2-Dichlorobenzene

Concen: 3.44 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

Instrument :

BNA_F

ClientSampleId :

MW-7

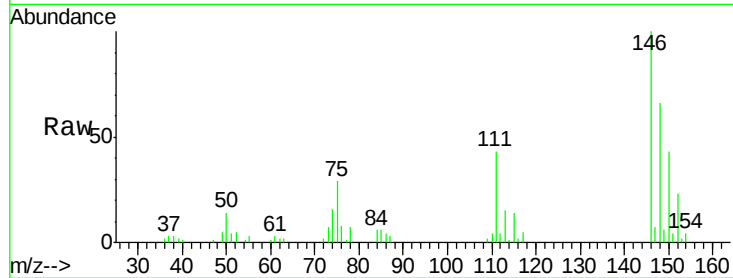
Tgt Ion:146 Resp: 25991

Ion Ratio Lower Upper

146 100

148 65.6 51.4 77.2

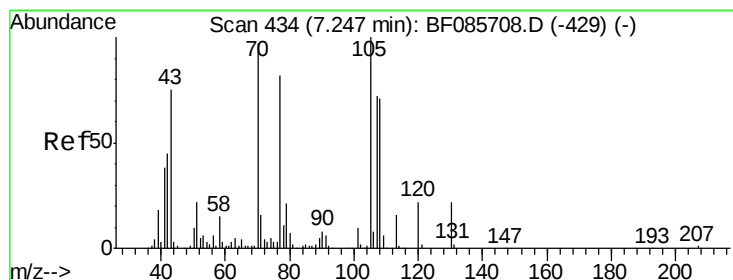
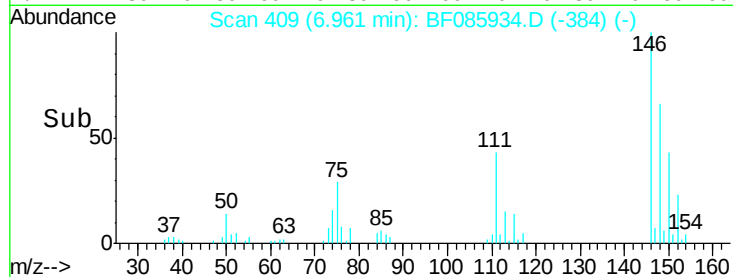
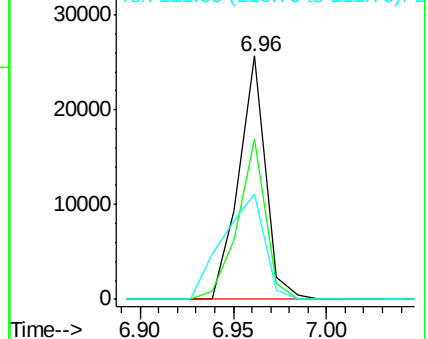
111 43.5 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 18.83 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

Tgt Ion: 70 Resp: 91630

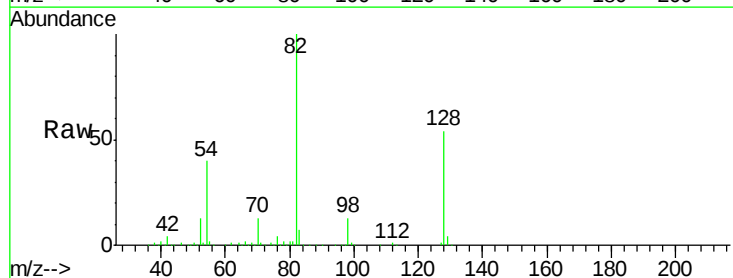
Ion Ratio Lower Upper

70 100

42 34.5 37.1 55.7#

101 0.0 8.6 12.8#

130 2.6 19.6 29.4#

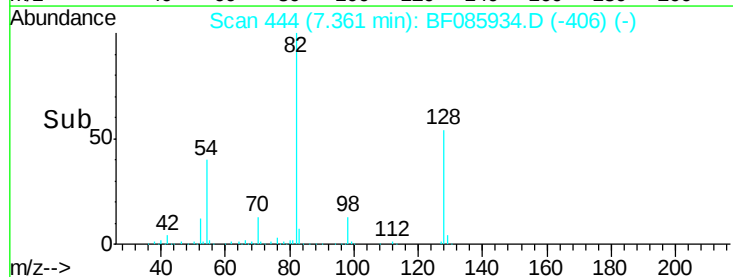
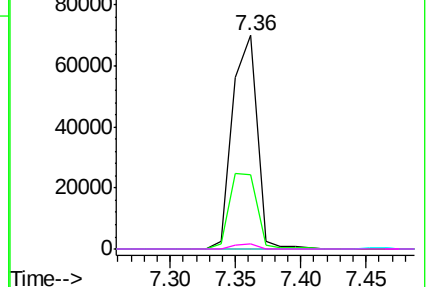


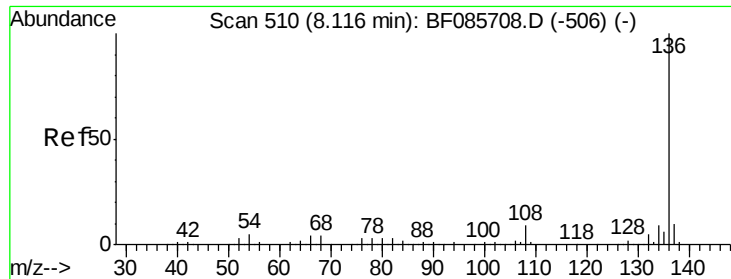
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

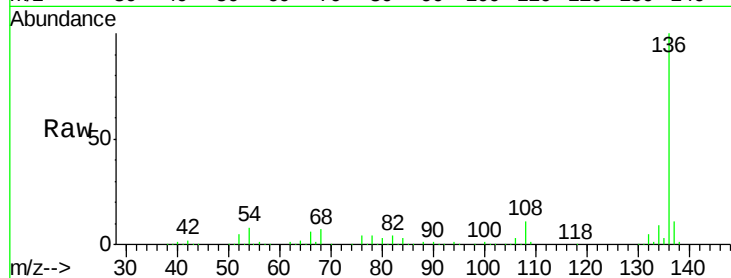




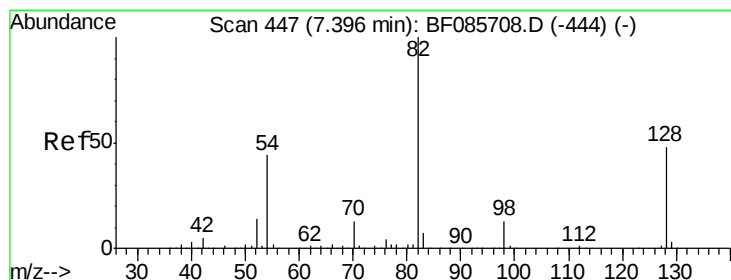
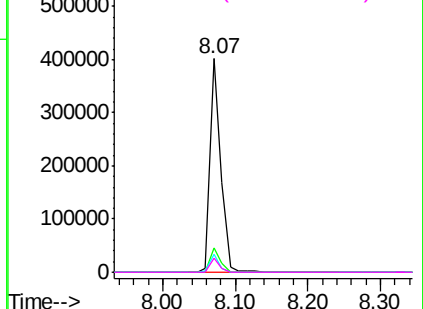
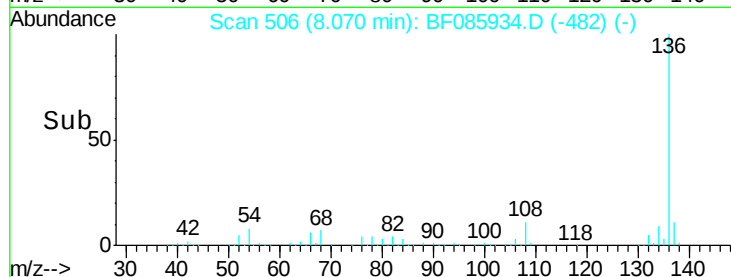
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085934.D
Acq: 31 Mar 2016 18:23

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	411866
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	7.4	11.0
68	6.7	5.8	8.8

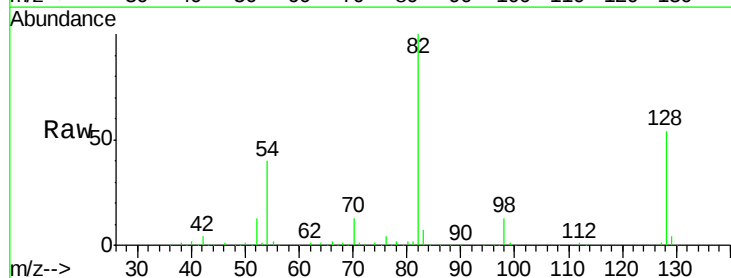


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

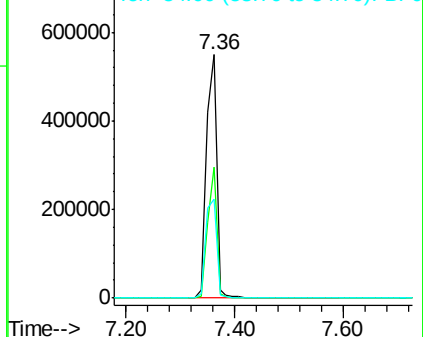
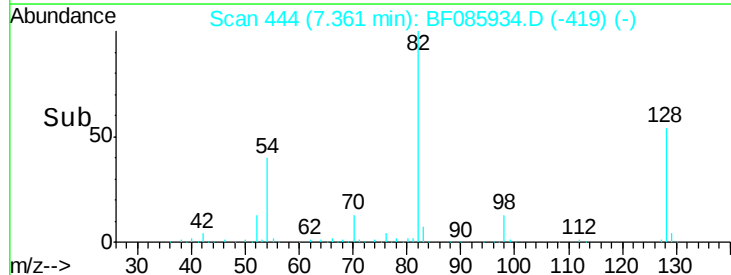


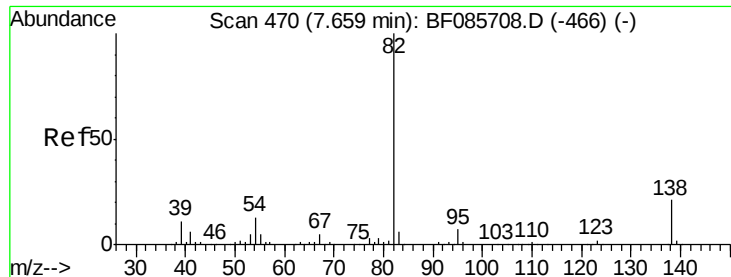
#23
Nitrobenzene-d5
Concen: 96.58 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085934.D
Acq: 31 Mar 2016 18:23

Tgt Ion:	82	Resp:	706368
Ion	Ratio	Lower	Upper
82	100		
128	54.0	41.8	62.8
54	40.5	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





#25

Isophorone

Concen: 49.33 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

Instrument :

BNA_F

ClientSampleId :

MW-7

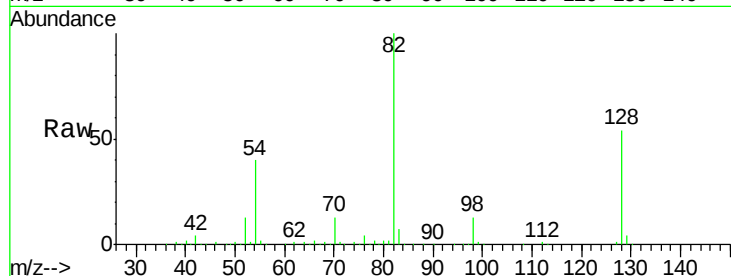
Tgt Ion: 82 Resp: 694982

Ion Ratio Lower Upper

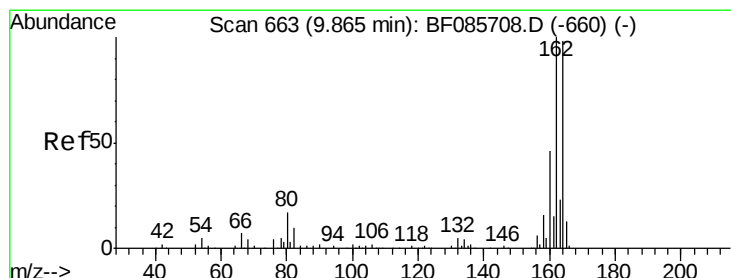
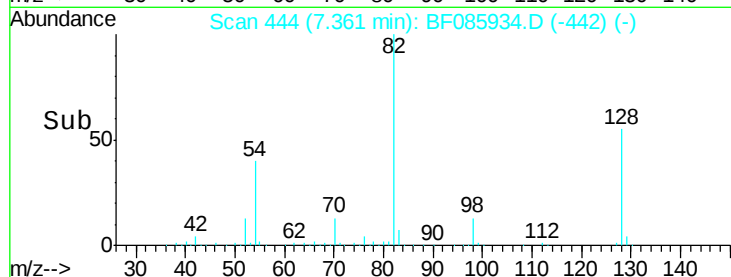
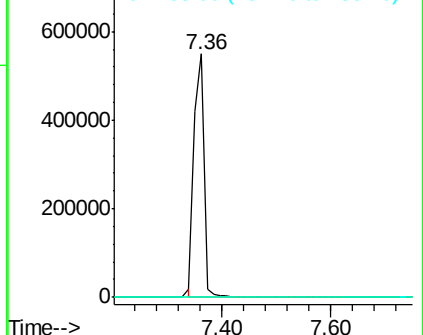
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

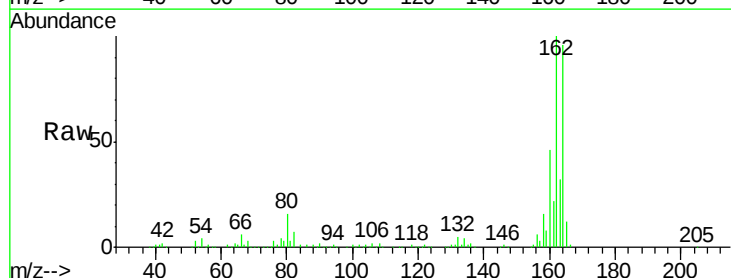
Tgt Ion: 164 Resp: 183758

Ion Ratio Lower Upper

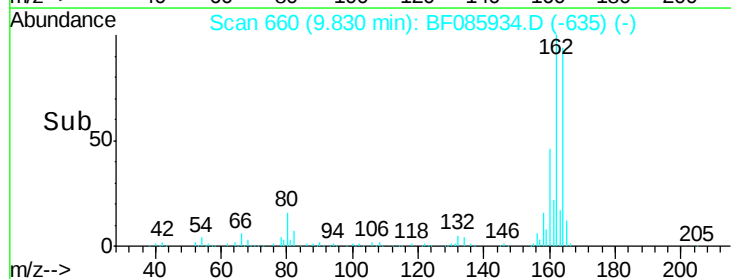
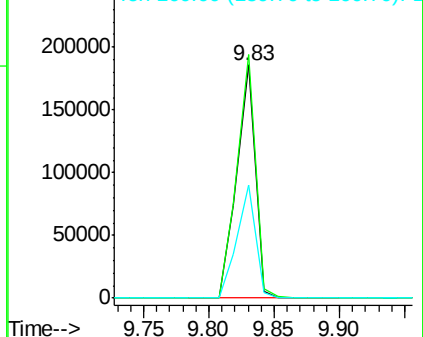
164 100

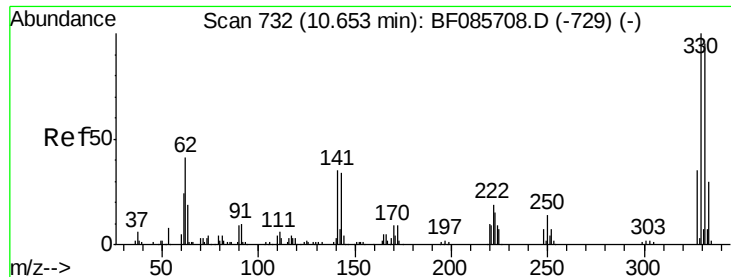
162 104.3 82.1 123.1

160 48.4 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

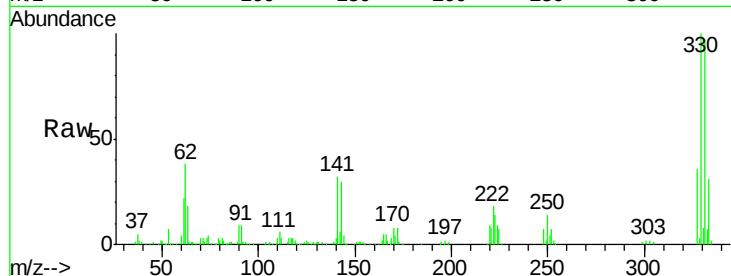




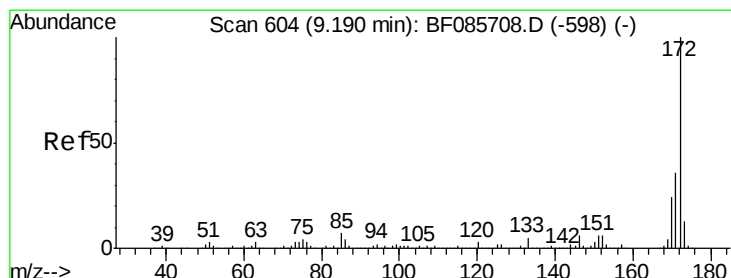
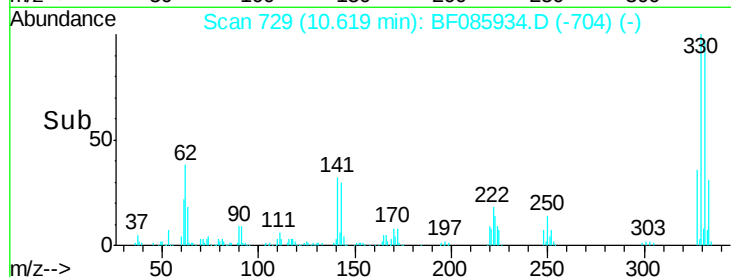
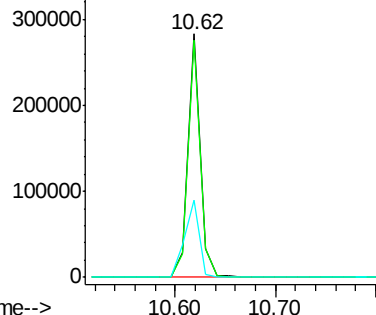
#41
 2,4,6-Tribromophenol
 Concen: 137.98 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085934.D
 Acq: 31 Mar 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Tgt Ion:330 Resp: 240898
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 38.7 31.5 47.3

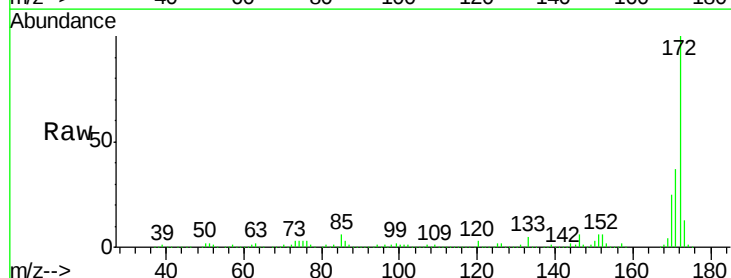


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

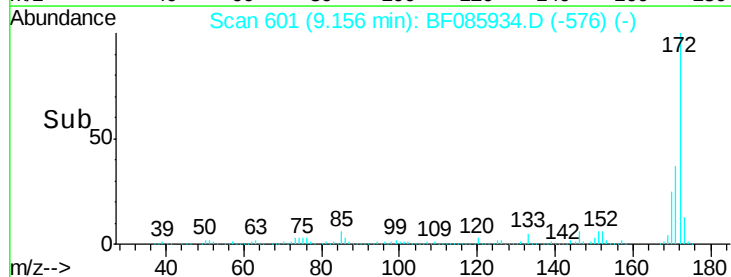
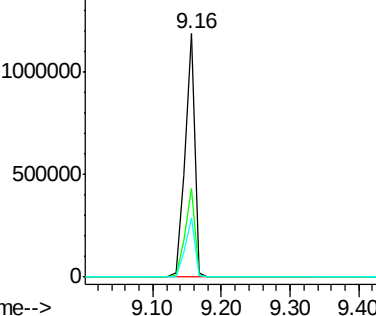


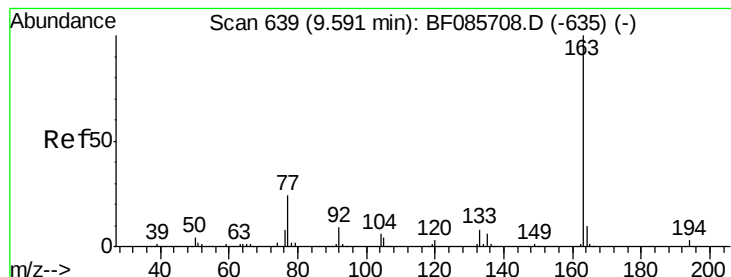
#44
 2-Fluorobiphenyl
 Concen: 108.07 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085934.D
 Acq: 31 Mar 2016 18:23

Tgt Ion:172 Resp: 1188566
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.6 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





#49

Dimethylphthalate

Concen: 2.40 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

Instrument :

BNA_F

ClientSampleId :

MW-7

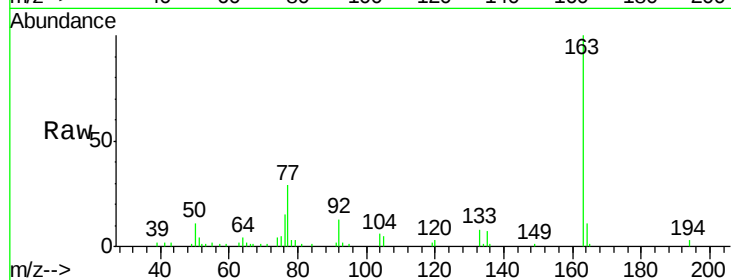
Tgt Ion:163 Resp: 33524

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

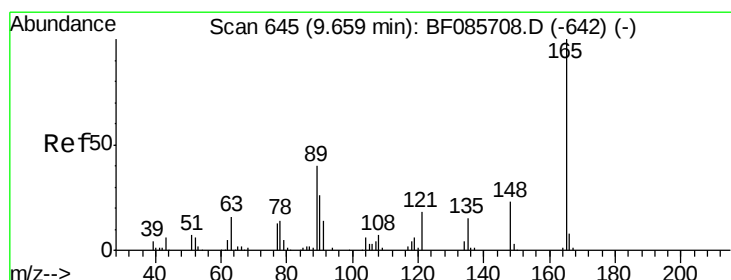
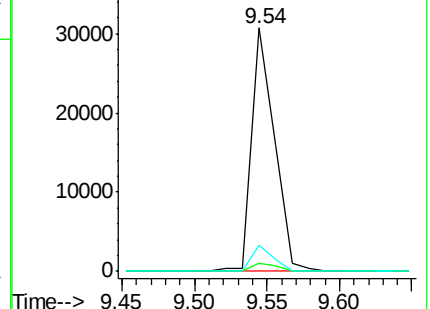
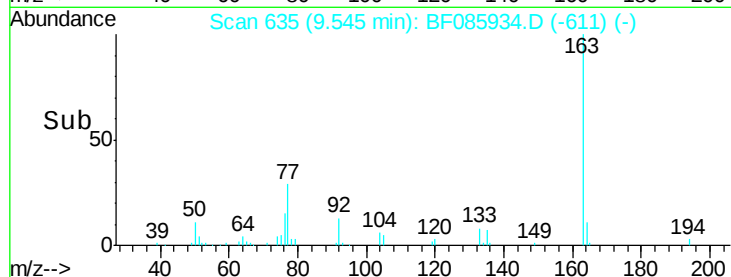
164 10.6 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 7.88 ng

RT: 9.83 min Scan# 660

Delta R.T. 0.19 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

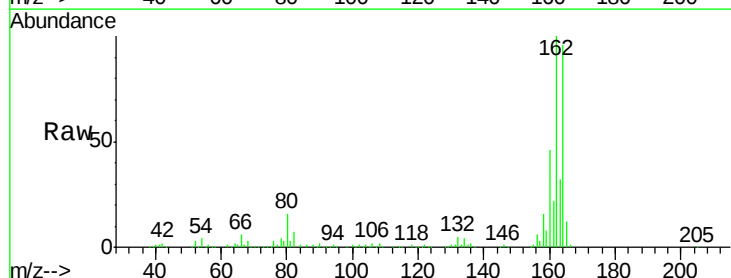
Tgt Ion:165 Resp: 23643

Ion Ratio Lower Upper

165 100

63 1.6 51.8 77.8#

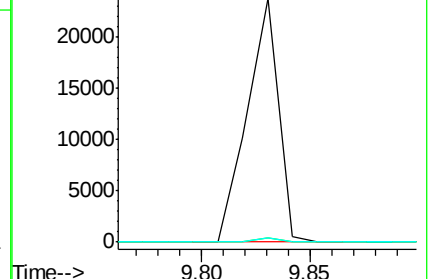
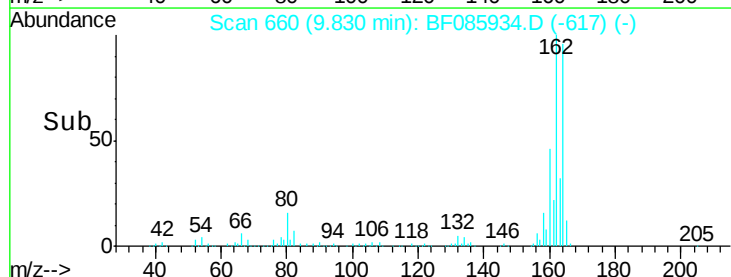
89 2.0 53.7 80.5#

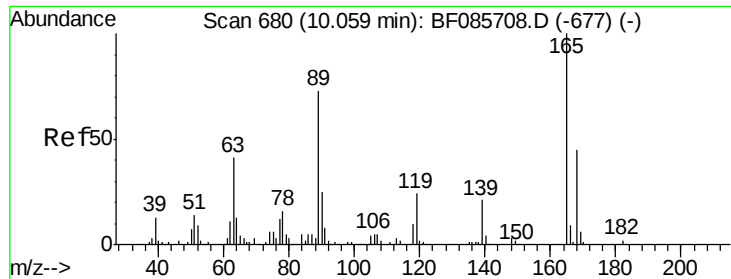


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

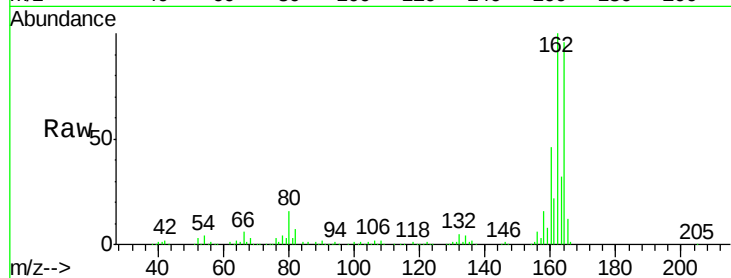




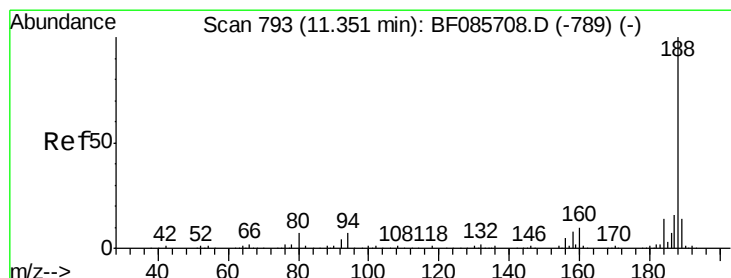
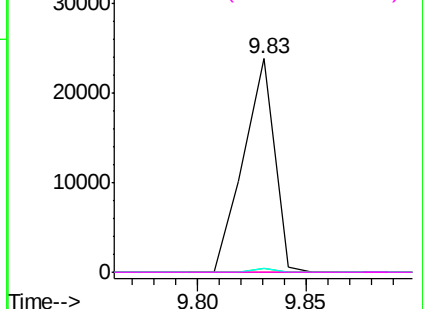
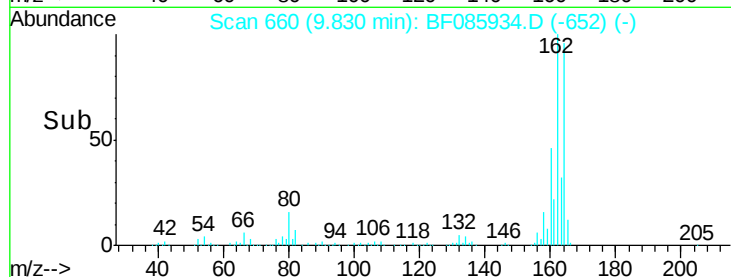
#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085934.D
 Acq: 31 Mar 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Tgt Ion:165 Resp: 23643
 Ion Ratio Lower Upper
 165 100
 63 1.6 24.9 37.3#
 89 2.0 41.0 61.6#
 182 0.0 2.1 3.1#

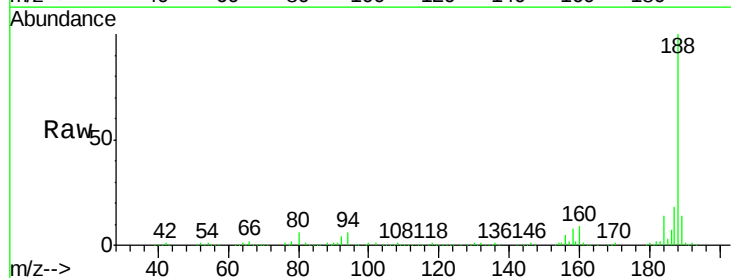


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

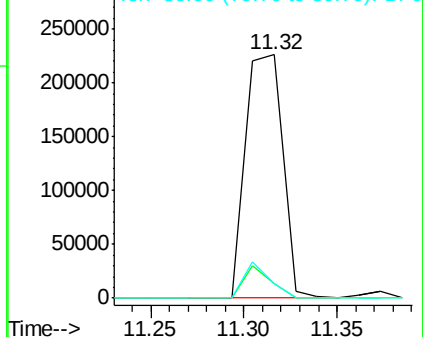
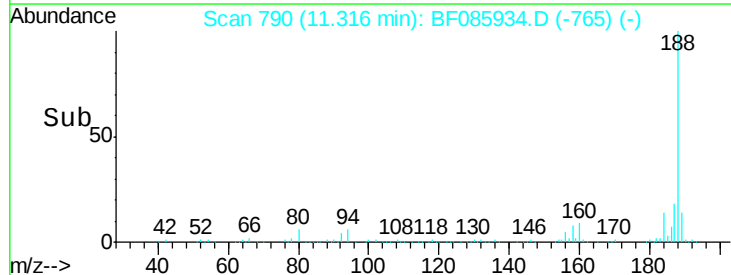


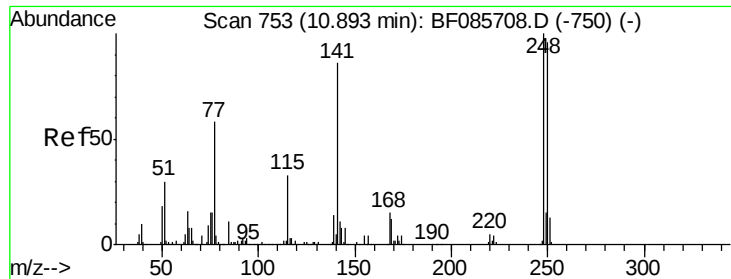
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085934.D
 Acq: 31 Mar 2016 18:23

Tgt Ion:188 Resp: 313105
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.4 8.0
 80 5.8 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





#66

4-Bromophenyl-phenylether

Concen: 5.19 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.25 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

Instrument :

BNA_F

ClientSampleId :

MW-7

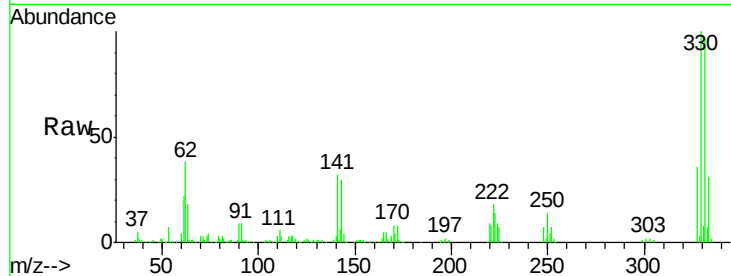
Tgt Ion:248 Resp: 16611

Ion Ratio Lower Upper

248 100

250 204.2 77.4 116.0#

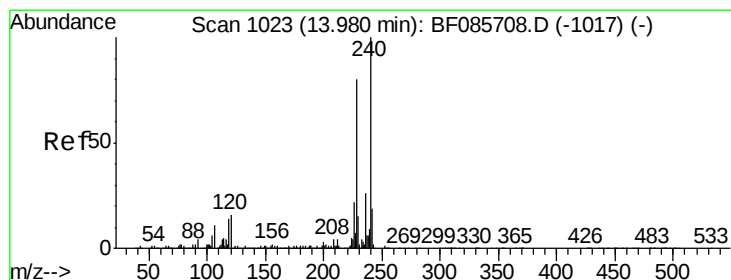
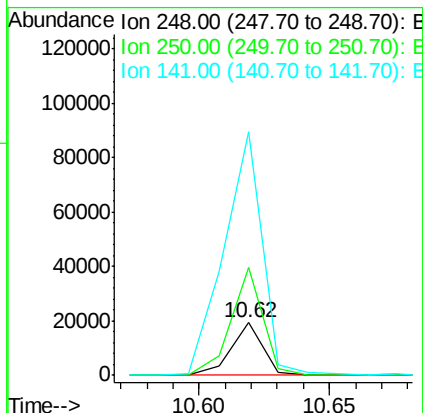
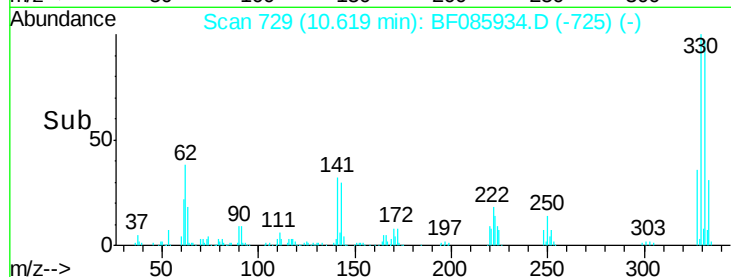
141 460.7 63.6 95.4#



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: 13.94 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085934.D

Acq: 31 Mar 2016 18:23

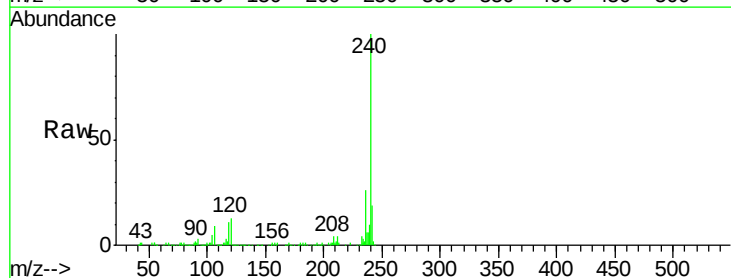
Tgt Ion:240 Resp: 196298

Ion Ratio Lower Upper

240 100

120 13.2 13.8 20.8#

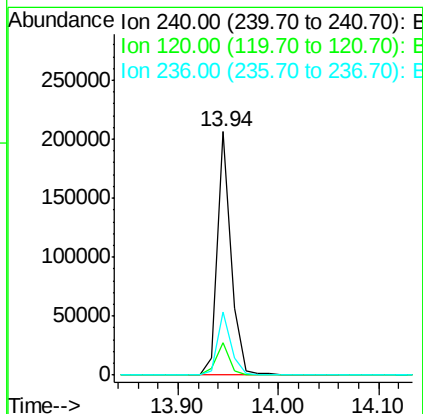
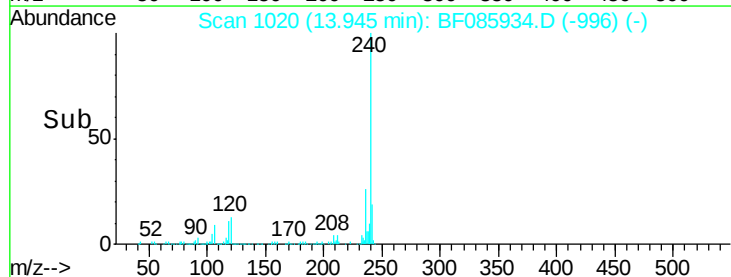
236 26.0 20.6 30.8

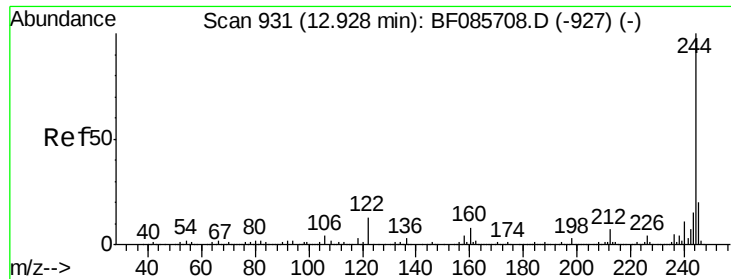


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

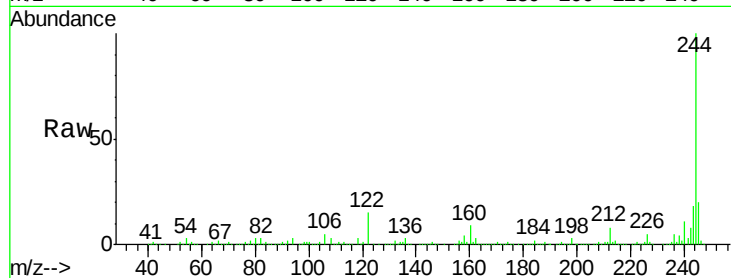




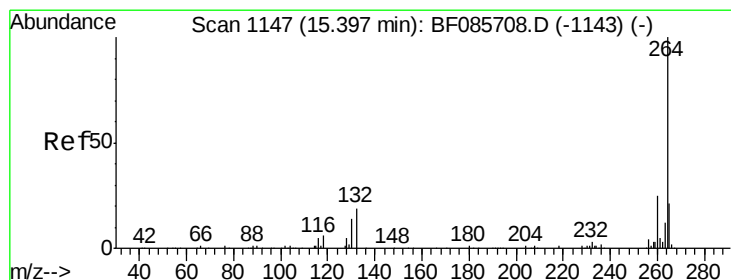
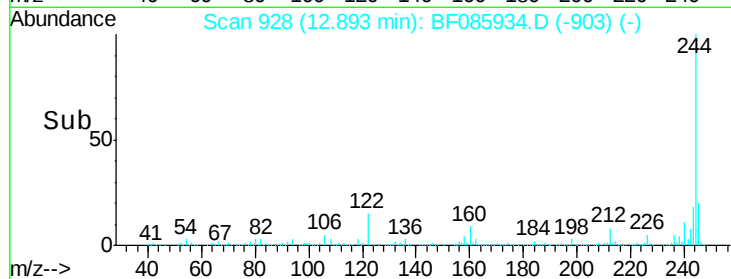
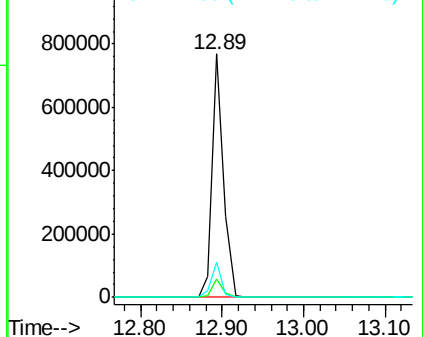
#78
 Terphenyl-d14
 Concen: 79.20 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085934.D
 Acq: 31 Mar 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Tgt Ion:244 Resp: 755941
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.6 10.2 15.4

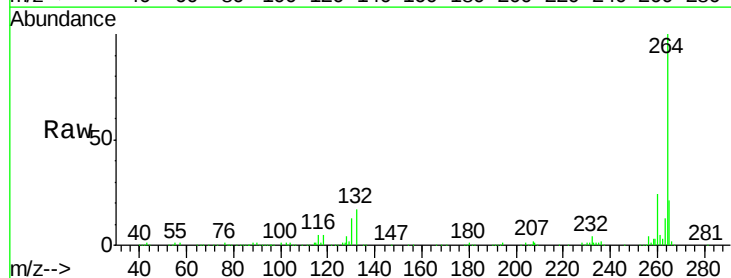


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085934.D
 Acq: 31 Mar 2016 18:23

Tgt Ion:264 Resp: 198730
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 20.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

