

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085150.D
 Acq On : 3 Mar 2016 5:34
 Operator : SJ/IZ
 Sample : H1640-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-1

Quant Time: Mar 03 06:30:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	170449	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	693014	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	297171	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	507424	20.00	ng	0.00
75) Chrysene-d12	14.15	240	382801	20.00	ng	0.00
86) Perylene-d12	15.63	264	386114	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1442108	137.36	ng	0.03
7) Phenol-d6	6.62	99	1725776	125.38	ng	0.00
23) Nitrobenzene-d5	7.56	82	1255457	96.38	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	502294	168.19	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1751166	86.79	ng	0.00
78) Terphenyl-d14	13.10	244	1465068	89.78	ng	0.00

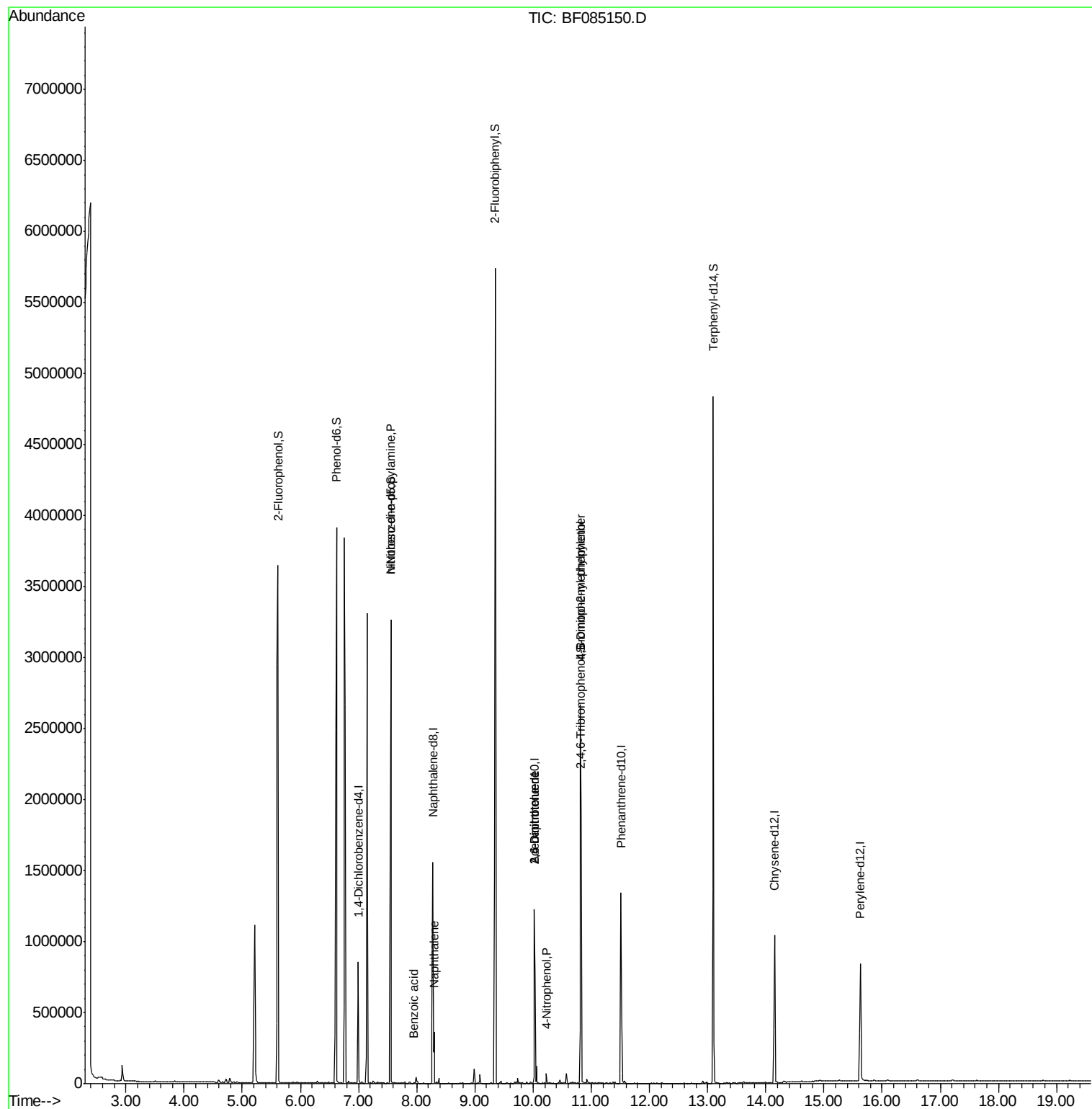
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	2335	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.56	70	172846	19.06	ng	76
31) Naphthalene	8.30	128	187483	5.35	ng	97
32) Benzoic acid	7.96	122	542	12.46	ng	76
50) 2,6-Dinitrotoluene	10.02	165	37359	8.18	ng	22
55) 4-Nitrophenol	10.23	139	9165	2.20	ng	21
56) 2,4-Dinitrotoluene	10.02	165	37361	6.07	ng	19
64) 4,6-Dinitro-2-methylphenol	10.81	198	985	7.48	ng	1
66) 4-Bromophenyl-phenylether	10.81	248	29085	5.46	ng	1

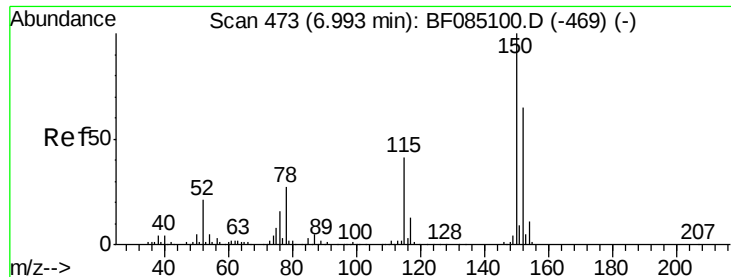
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085150.D
Acq On : 3 Mar 2016 5:34
Operator : SJ/IZ
Sample : H1640-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Quant Time: Mar 03 06:30:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

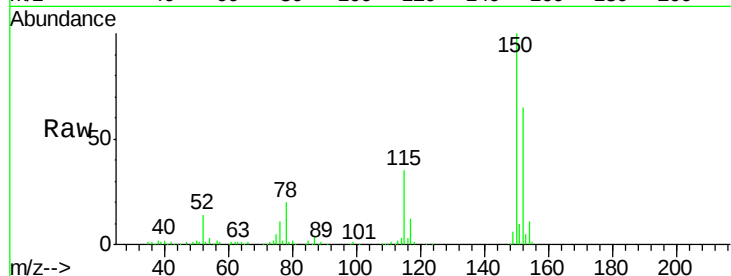
Tgt Ion:152 Resp: 170449

Ion Ratio Lower Upper

152 100

150 152.8 123.4 185.0

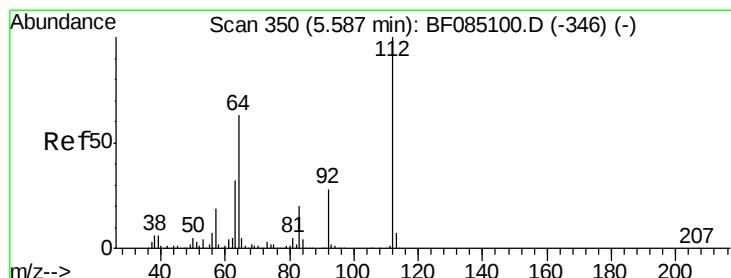
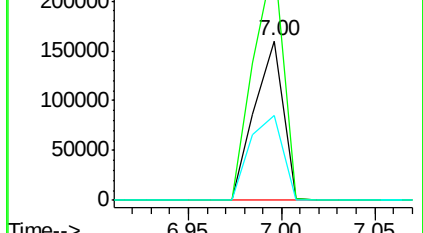
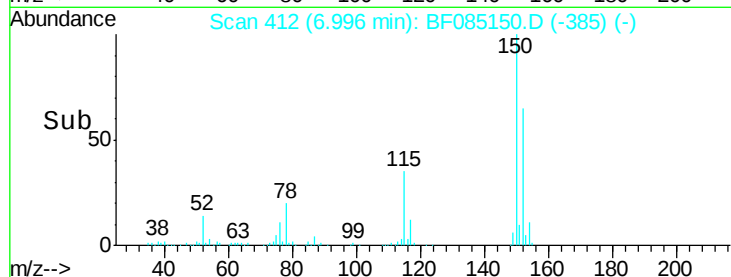
115 53.3 50.0 75.0



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: 137.36 ng

RT: 5.61 min Scan# 291

Delta R.T. 0.03 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

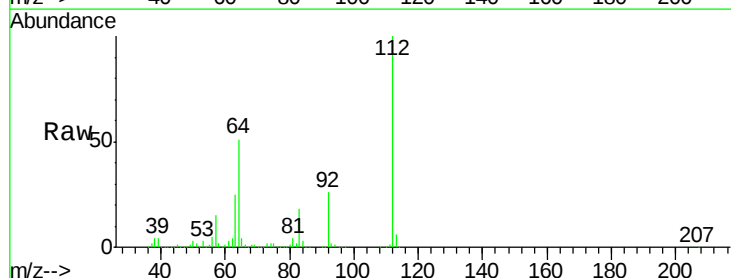
Tgt Ion:112 Resp: 1442108

Ion Ratio Lower Upper

112 100

64 50.6 50.6 76.0#

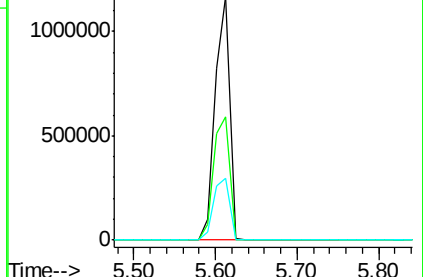
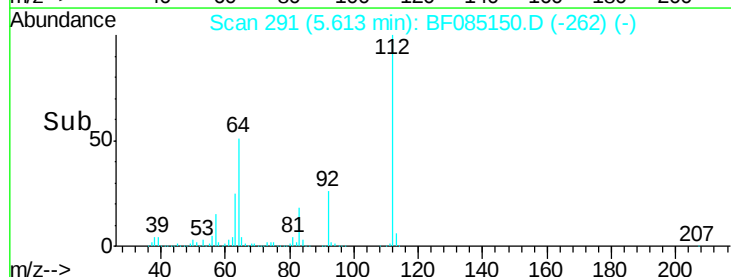
63 25.4 25.5 38.3#

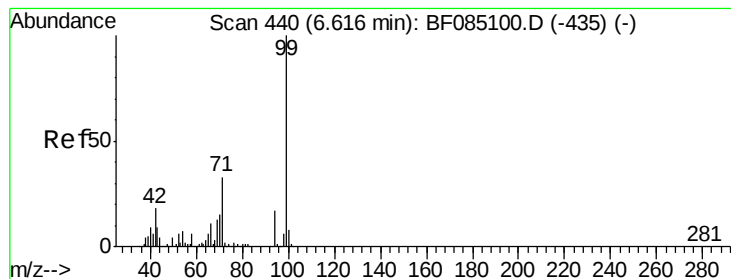


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.38 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

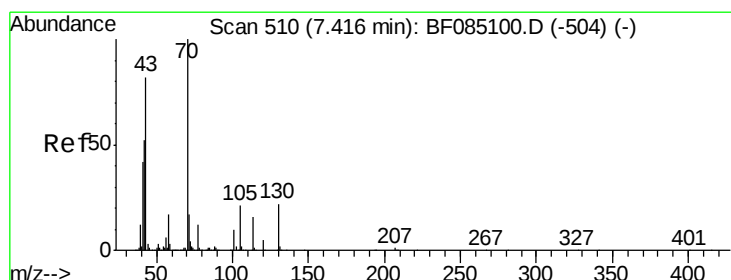
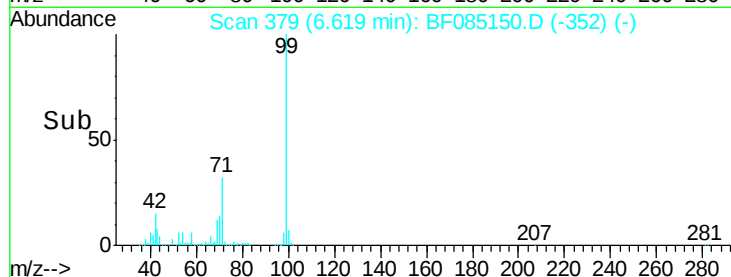
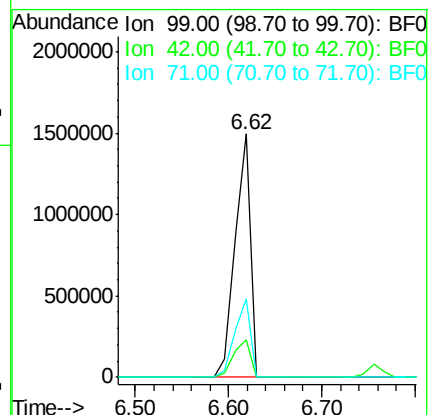
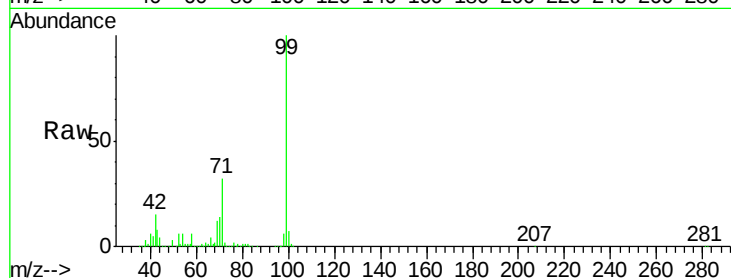
Tgt Ion: 99 Resp: 1725776

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 32.0 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 19.06 ng

RT: 7.56 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Tgt Ion: 70 Resp: 172846

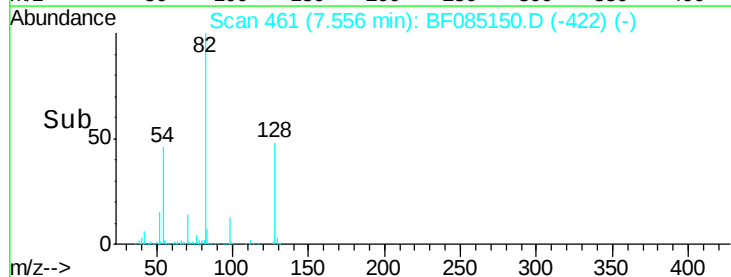
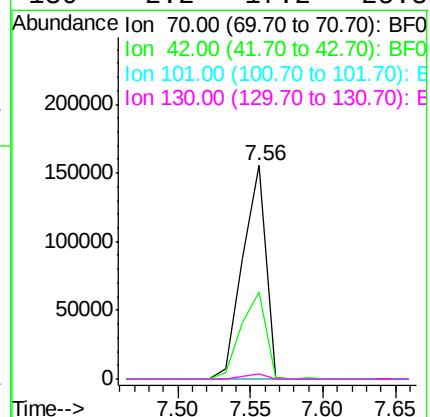
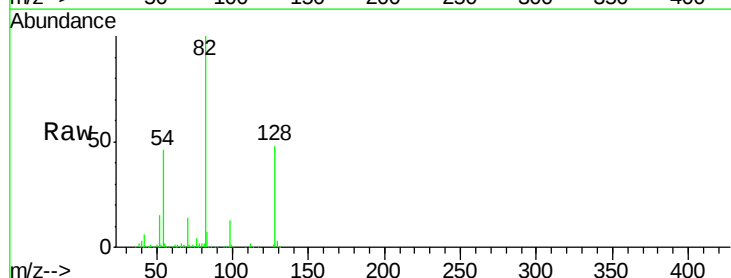
Ion Ratio Lower Upper

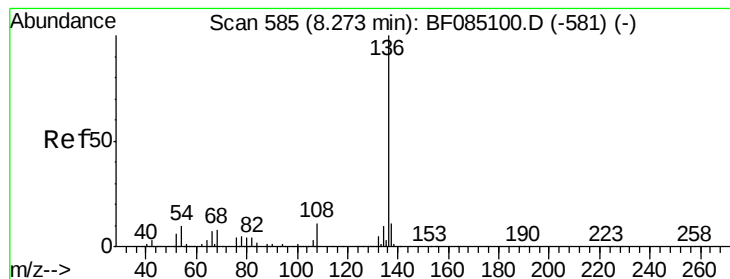
70 100

42 40.9 41.9 62.9#

101 0.0 7.8 11.8#

130 2.2 17.2 25.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

Tgt Ion:136 Resp: 693014

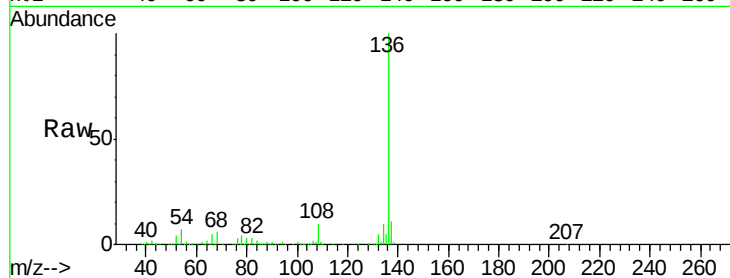
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.0 8.5 12.7#

68 5.7 6.4 9.6#

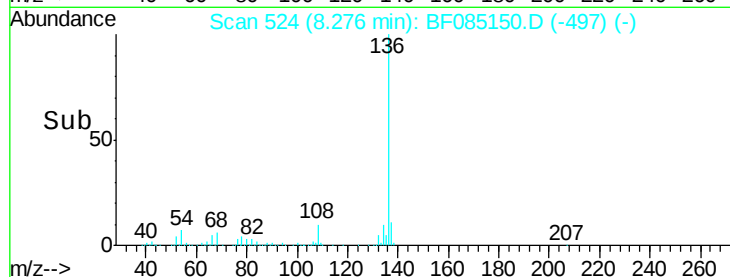


Abundance Ion 136.00 (135.70 to 136.70): E

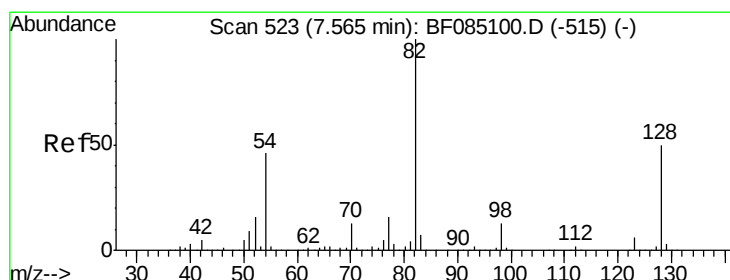
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 96.38 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

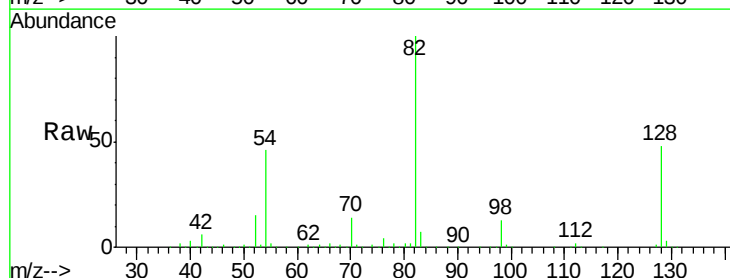
Tgt Ion: 82 Resp: 1255457

Ion Ratio Lower Upper

82 100

128 48.0 39.8 59.6

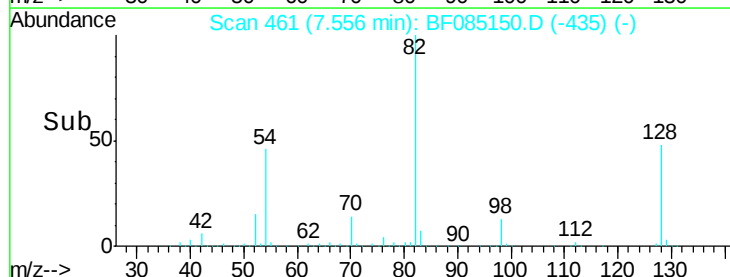
54 46.1 36.6 54.8



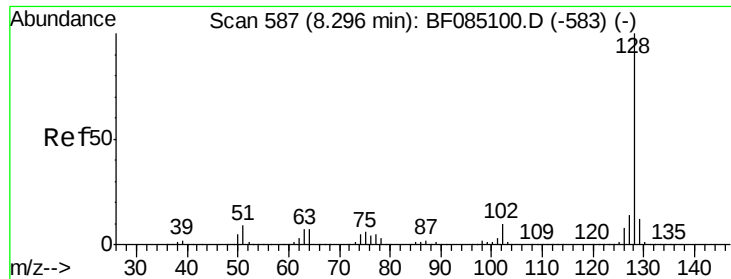
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#31

Naphthalene

Concen: 5.35 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

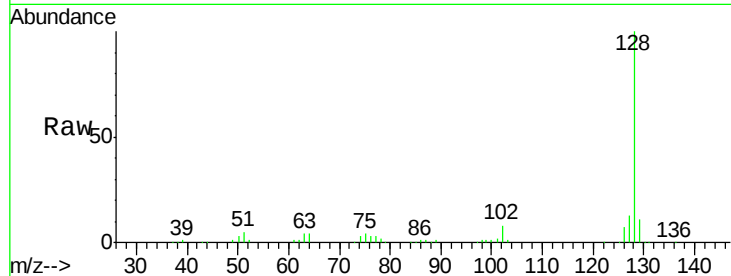
Tgt Ion:128 Resp: 187483

Ion Ratio Lower Upper

128 100

129 10.7 9.7 14.5

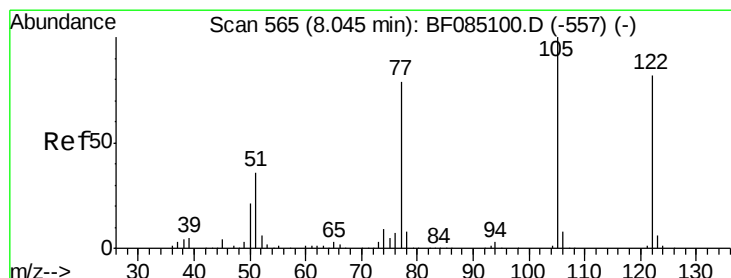
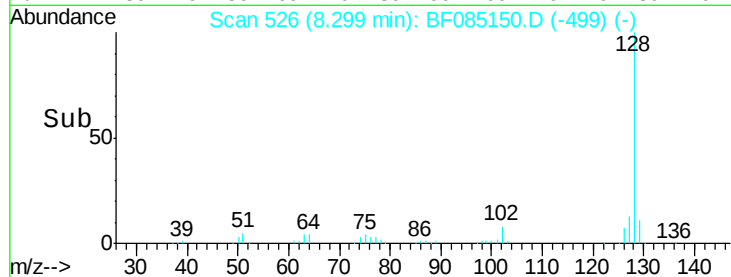
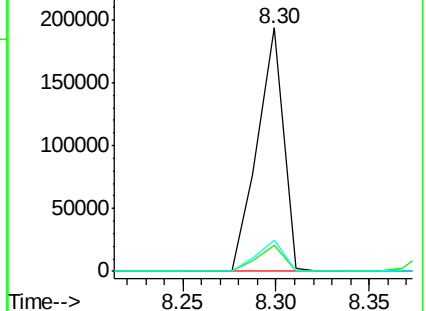
127 12.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.46 ng

RT: 7.96 min Scan# 496

Delta R.T. -0.09 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

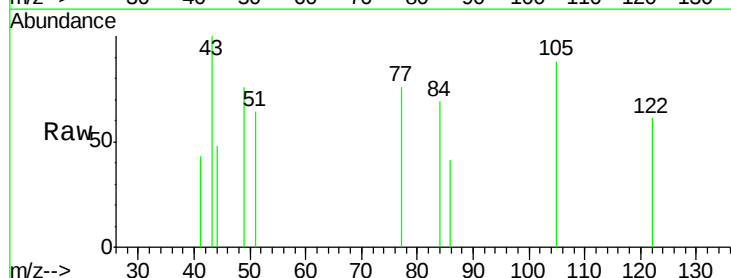
Tgt Ion:122 Resp: 542

Ion Ratio Lower Upper

122 100

105 144.9 102.0 142.0#

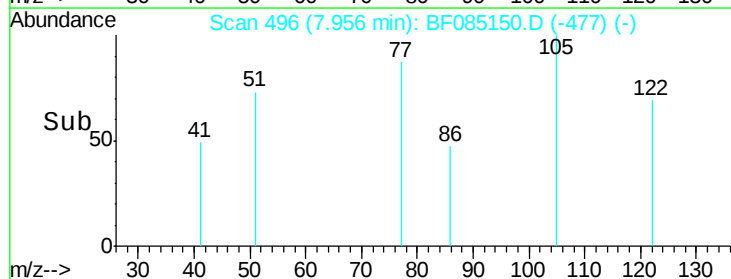
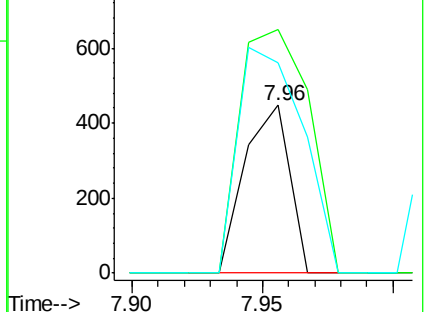
77 125.4 76.8 116.8#

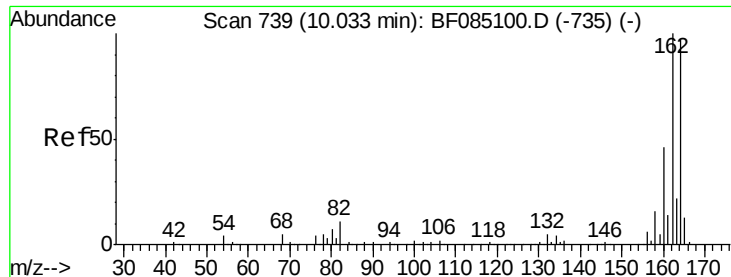


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

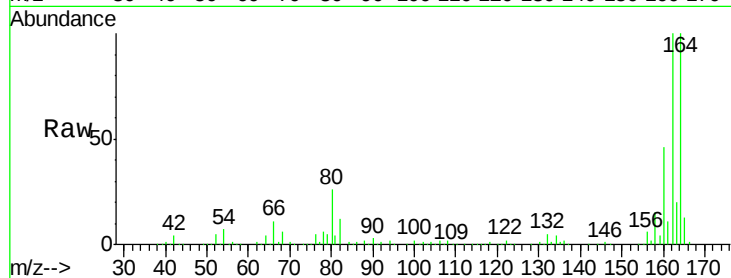
Tgt Ion:164 Resp: 297171

Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

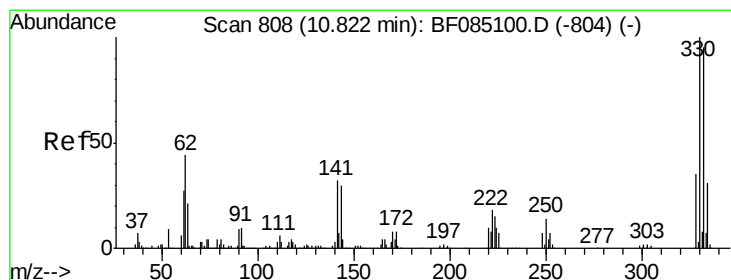
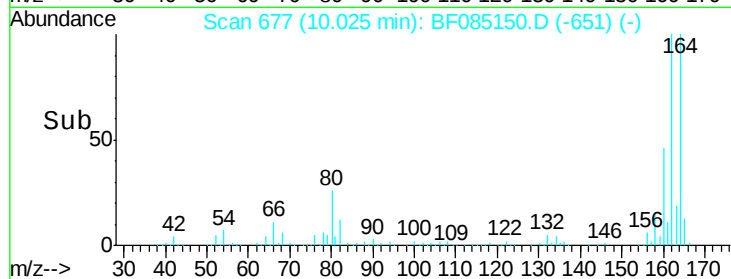
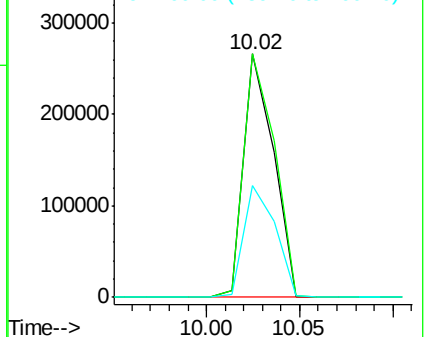
160 45.9 38.2 57.2



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: 168.19 ng

RT: 10.82 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

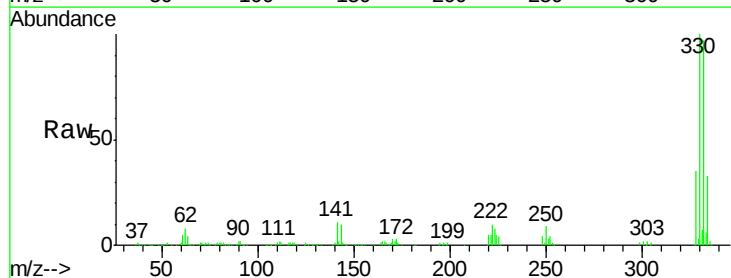
Tgt Ion:330 Resp: 502294

Ion Ratio Lower Upper

330 100

332 96.6 75.9 113.9

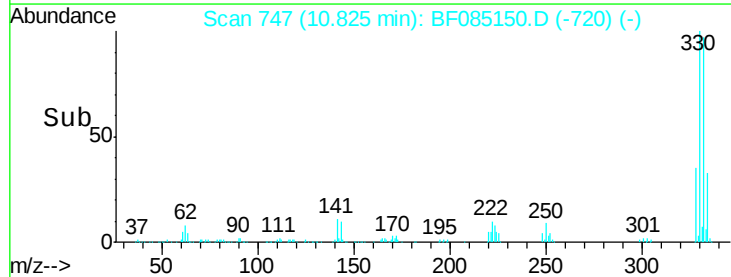
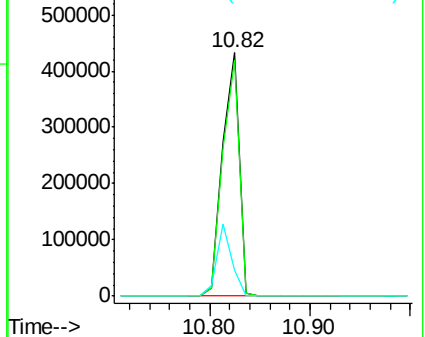
141 26.9 28.9 43.3#

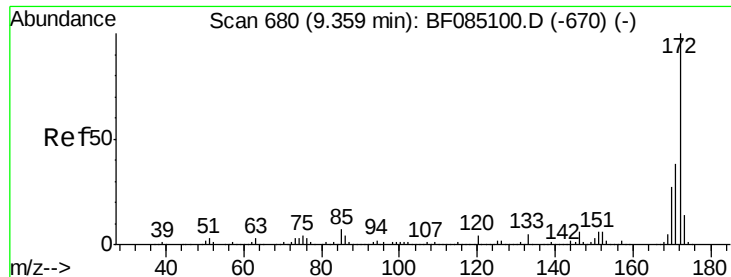


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

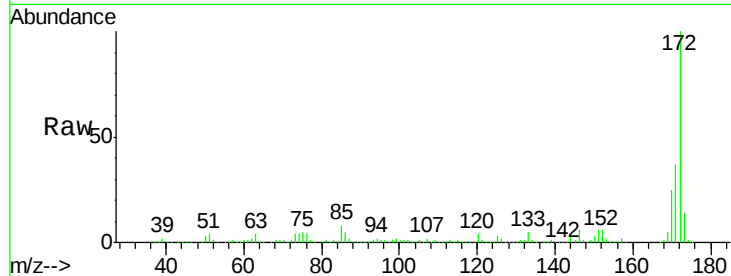




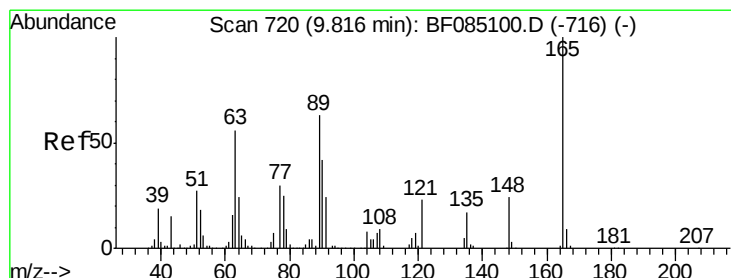
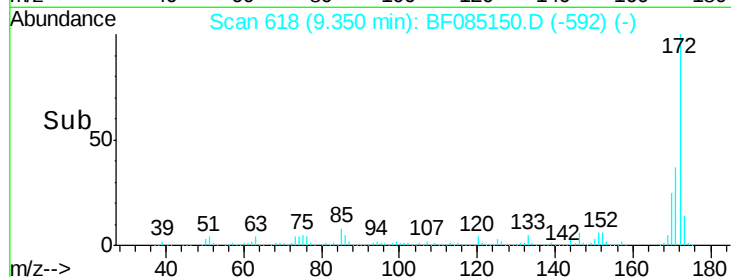
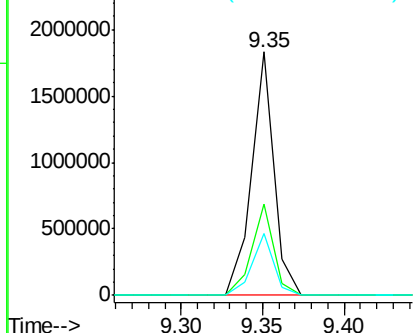
#44
 2-Fluorobiphenyl
 Concen: 86.79 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085150.D
 Acq: 3 Mar 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-1

Tgt Ion:172 Resp: 1751166
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.3 21.2 31.8

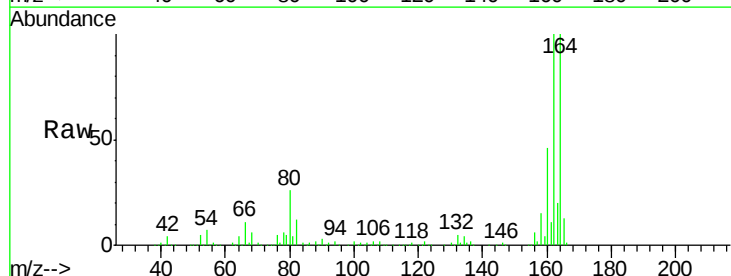


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

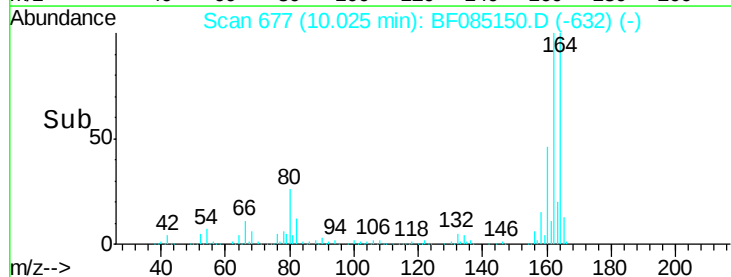
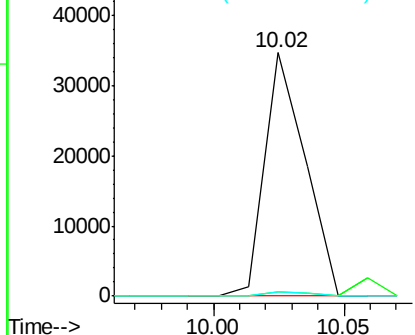


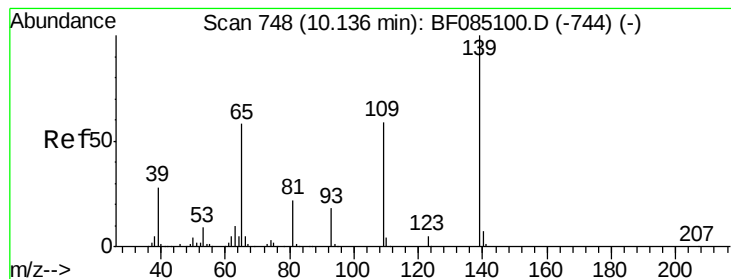
#50
 2,6-Dinitrotoluene
 Concen: 8.18 ng
 RT: 10.02 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF085150.D
 Acq: 3 Mar 2016 5:34

Tgt Ion:165 Resp: 37359
 Ion Ratio Lower Upper
 165 100
 63 1.6 47.4 71.2#
 89 1.5 50.2 75.2#



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





#55

4-Nitrophenol

Concen: 2.20 ng

RT: 10.23 min Scan# 695

Delta R.T. 0.09 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

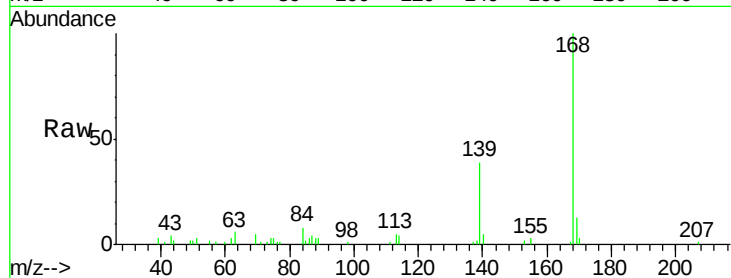
Tgt Ion:139 Resp: 9165

Ion Ratio Lower Upper

139 100

109 0.0 39.5 79.5#

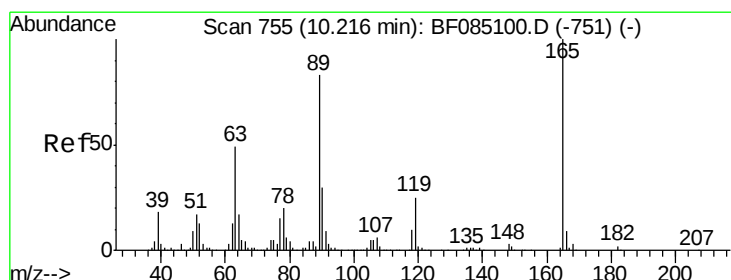
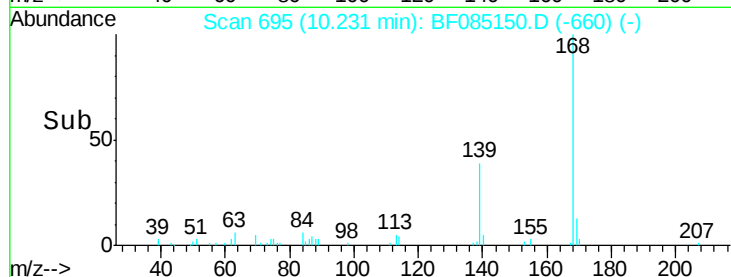
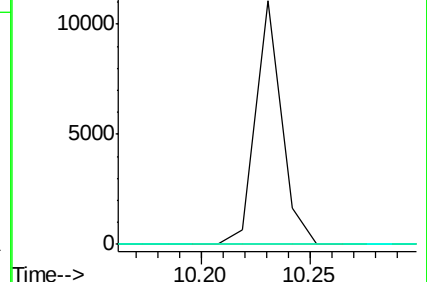
65 0.0 38.4 78.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.07 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Tgt Ion:165 Resp: 37361

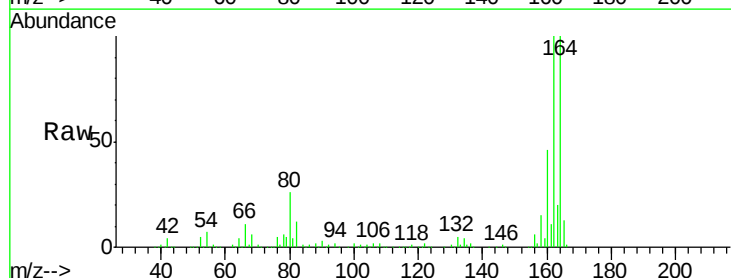
Ion Ratio Lower Upper

165 100

63 1.6 39.2 58.8#

89 1.5 66.2 99.4#

182 0.0 1.8 2.8#

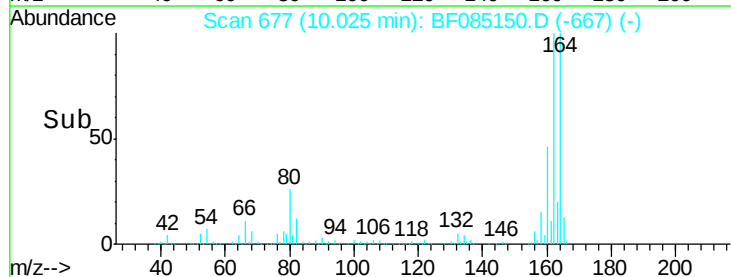
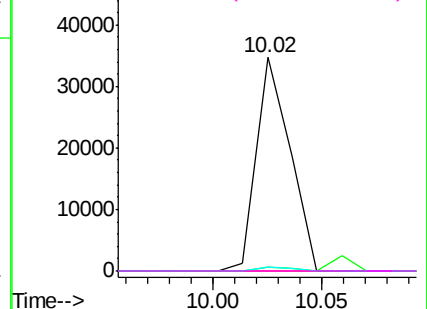


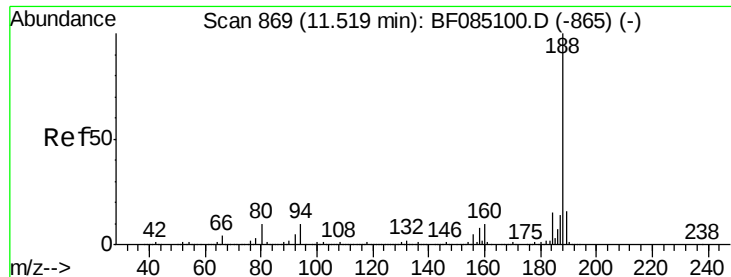
Abundance Ion 165.00 (164.70 to 165.70): E

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

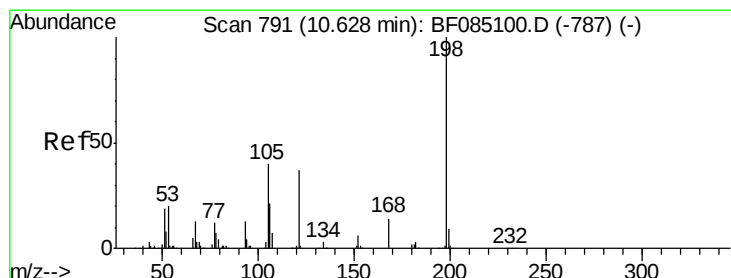
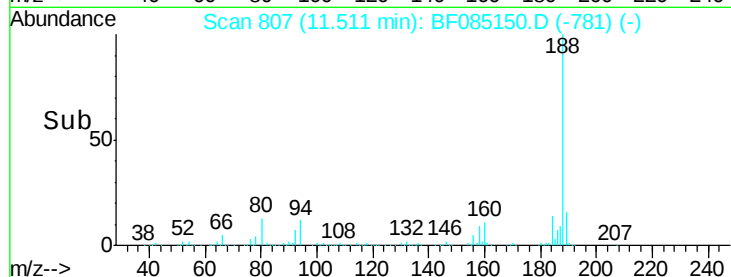
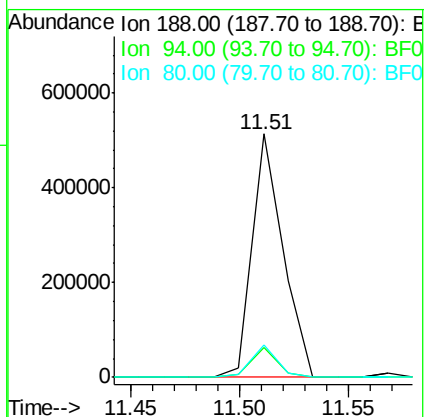
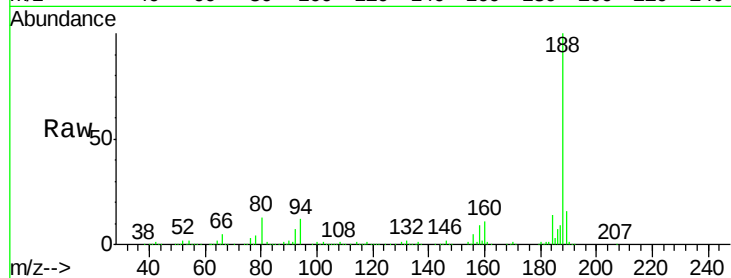




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

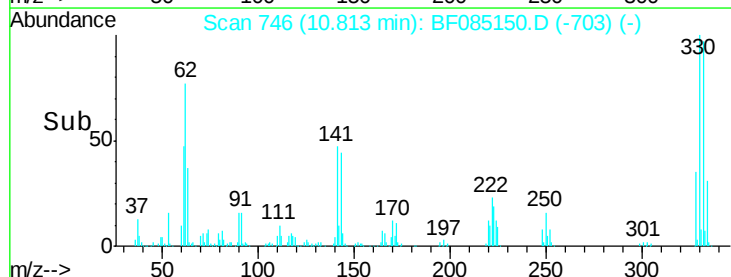
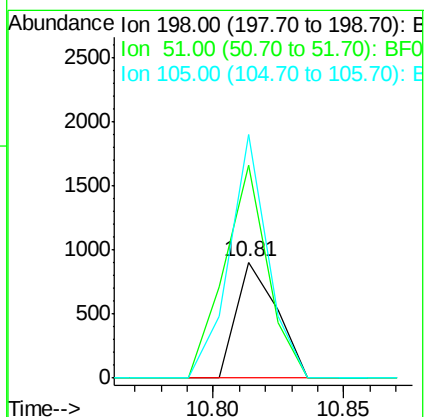
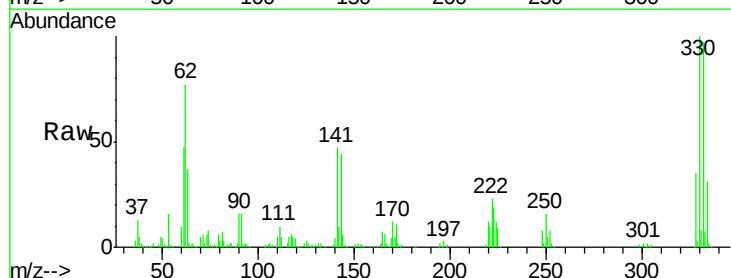
Instrument :
BNA_F
ClientSampleId :
WASTE-1

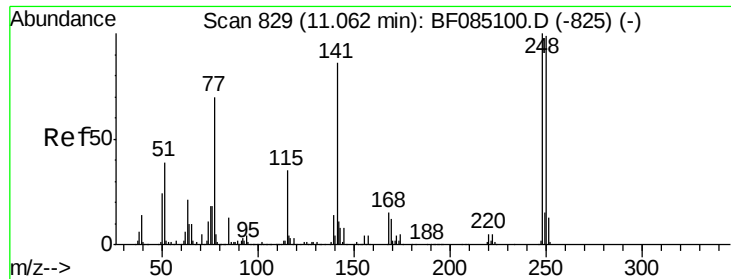
Tgt Ion:188 Resp: 507424
Ion Ratio Lower Upper
188 100
94 12.5 7.8 11.6#
80 13.4 8.2 12.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.48 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:198 Resp: 985
Ion Ratio Lower Upper
198 100
51 182.8 12.5 52.5#
105 209.6 20.2 60.2#





#66

4-Bromophenyl-phenylether

Concen: 5.46 ng

RT: 10.81 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

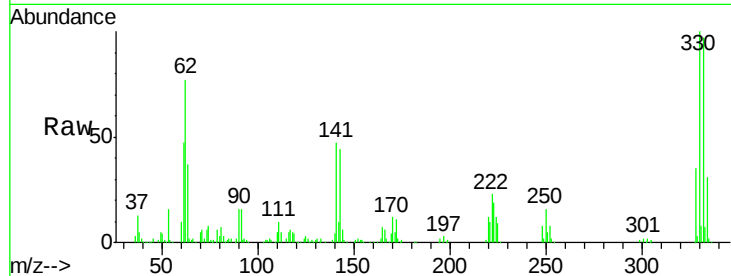
Tgt Ion:248 Resp: 29085

Ion Ratio Lower Upper

248 100

250 195.7 79.0 118.4#

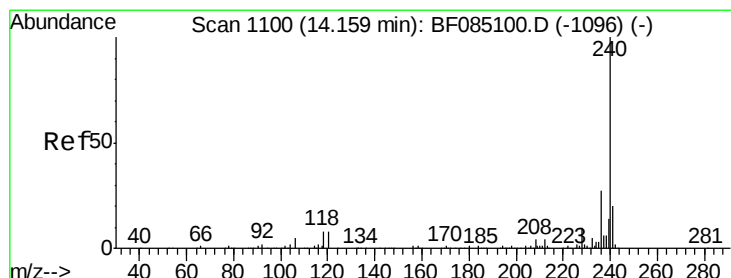
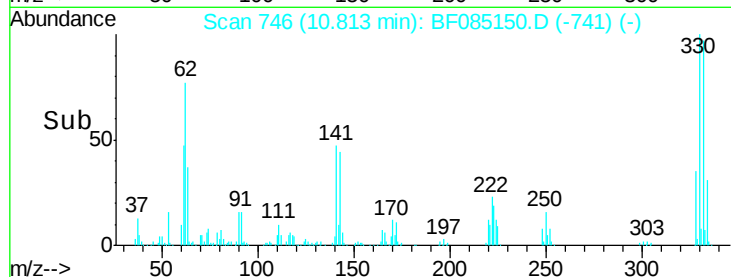
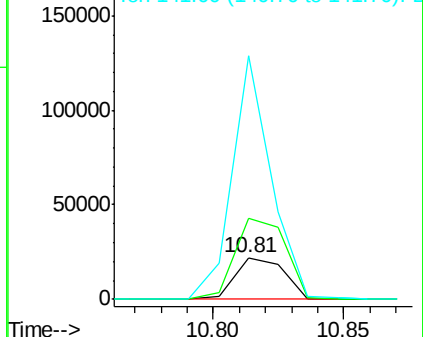
141 586.4 68.6 103.0#



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: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

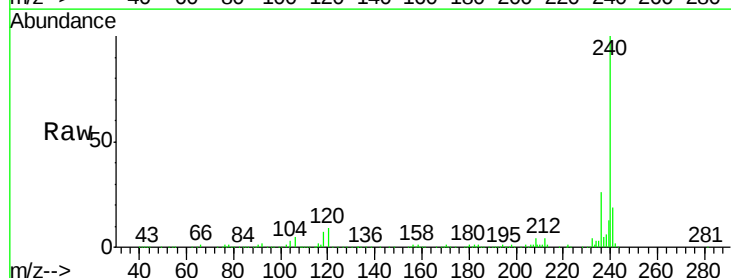
Tgt Ion:240 Resp: 382801

Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

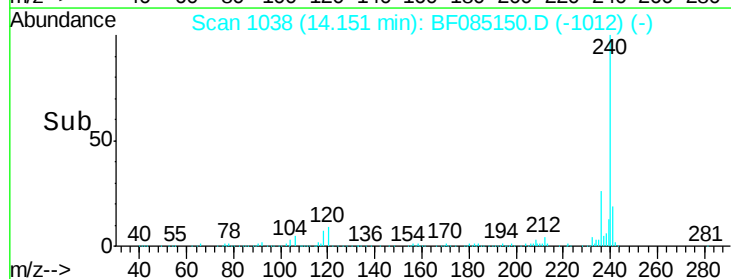
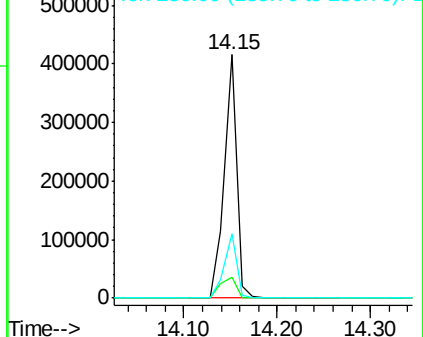
236 26.3 21.6 32.4

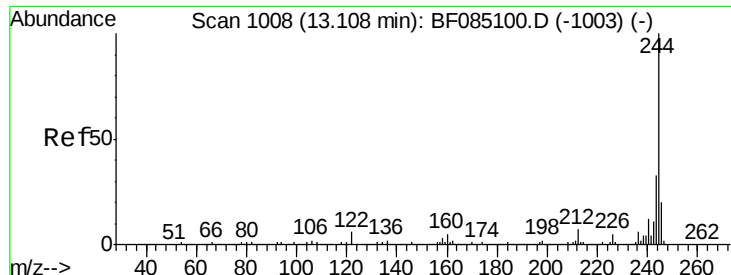


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.78 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

Instrument :

BNA_F

ClientSampleId :

WASTE-1

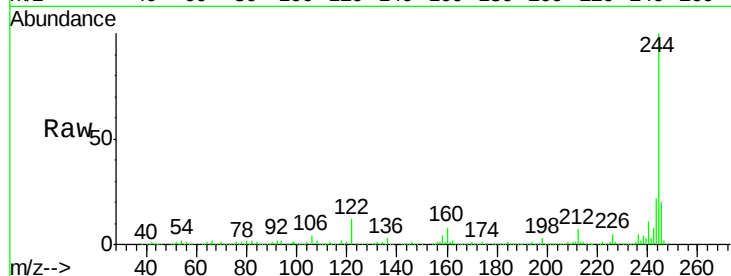
Tgt Ion:244 Resp: 1465068

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

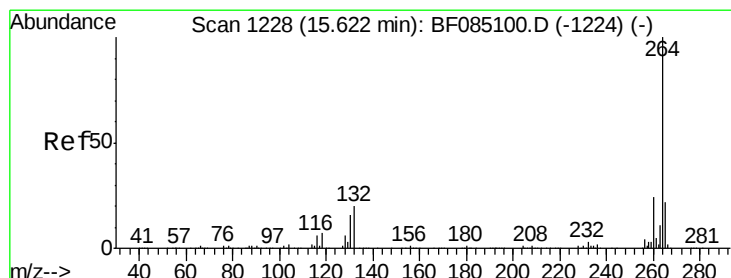
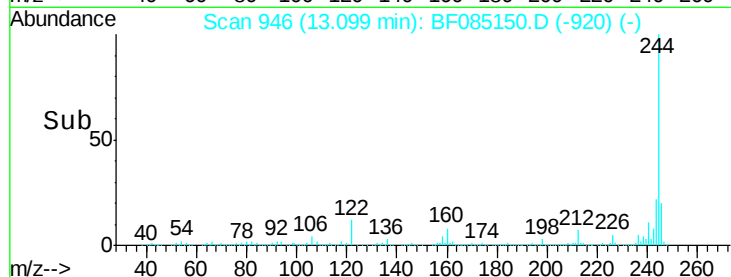
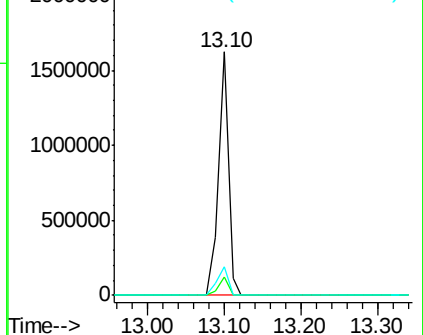
122 11.7 5.1 7.7#



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: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085150.D

Acq: 3 Mar 2016 5:34

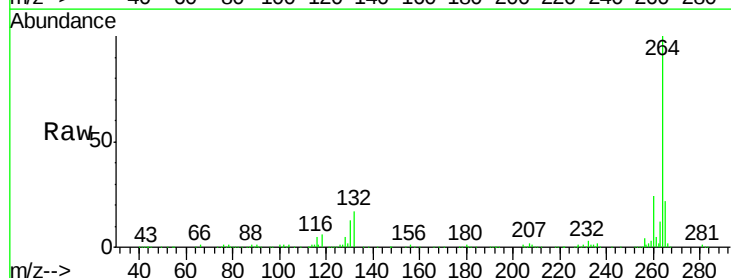
Tgt Ion:264 Resp: 386114

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.8 17.4 26.2



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

