

Data Path : Z:\HPCHEM1\BNA_F\Data\BF031416\
 Data File : BF085451.D
 Acq On : 15 Mar 2016 10:51
 Operator : UM/SJ
 Sample : H1755-01DL 50X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WESTE-WATERDL

Quant Time: Mar 15 12:55:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

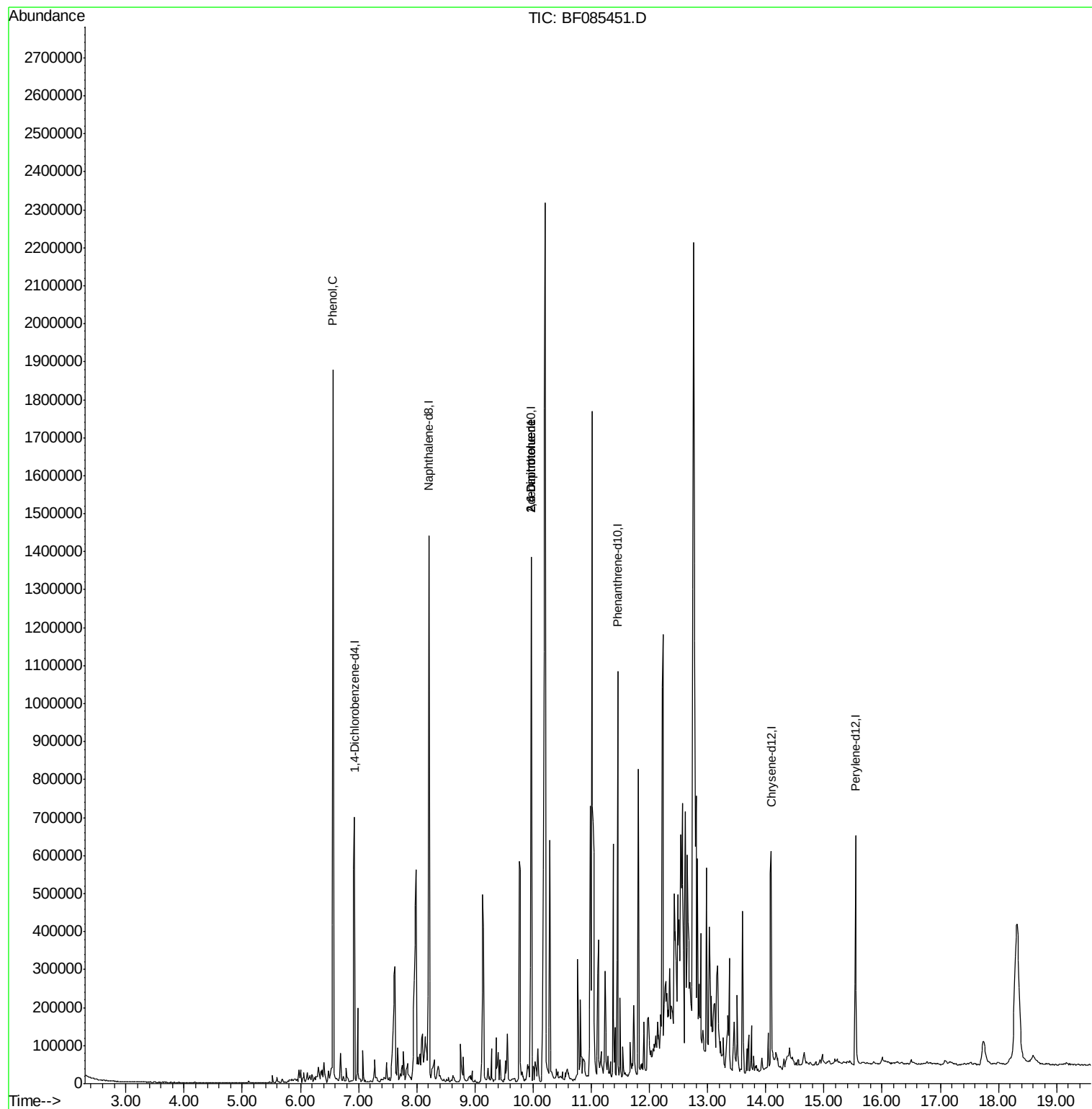
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	146997	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	580987	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	254029	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	377263	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	264200	20.00	ng	-0.06
86) Perylene-d12	15.55	264	252380	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	6362	0.73	ng	-0.06
7) Phenol-d6	6.55	99	5427	0.47	ng	-0.06
23) Nitrobenzene-d5	7.48	82	18542	1.71	ng	-0.07
41) 2,4,6-Tribromophenol	10.76	330	2658	1.22	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	23571	1.41	ng	-0.07
78) Terphenyl-d14	13.03	244	7029	0.62	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.40	77	238	Below Cal	#	2
10) Phenol	6.56	94	618294	50.28	ng	92
50) 2,6-Dinitrotoluene	9.97	165	32806	7.87	ng	# 26
56) 2,4-Dinitrotoluene	9.97	165	33148	6.21	ng	# 22

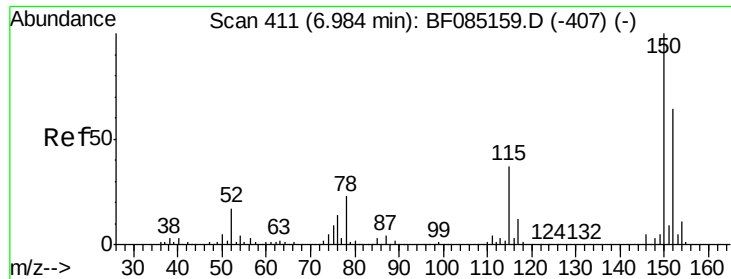
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATERDL

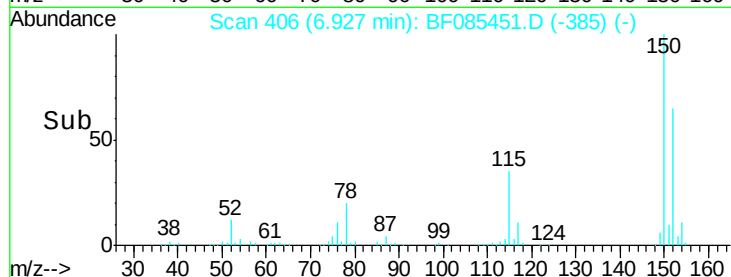
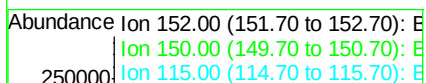
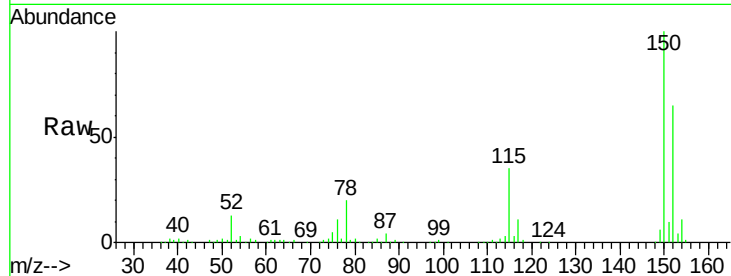
Tgt Ion:152 Resp: 146997

Ion Ratio Lower Upper

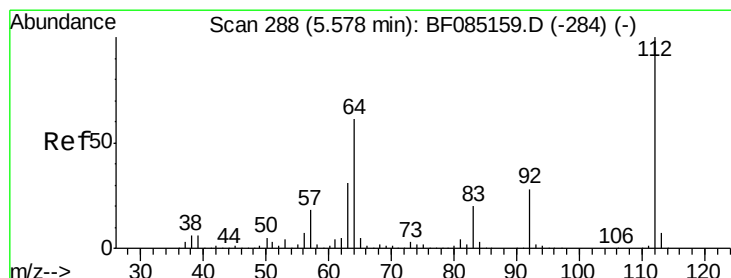
152 100

150 153.0 124.6 186.8

115 53.2 46.6 70.0



Time-->



#5

2-Fluorophenol

Concen: 0.73 ng

RT: 5.52 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

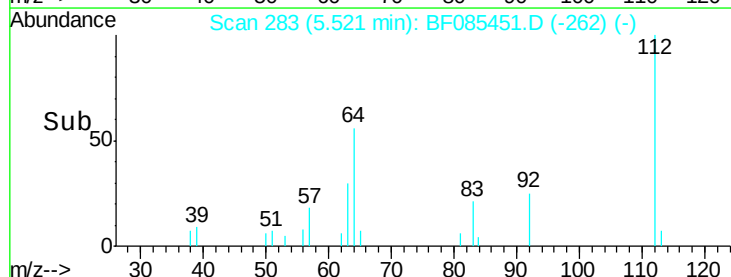
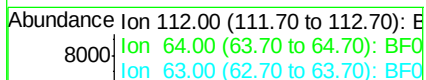
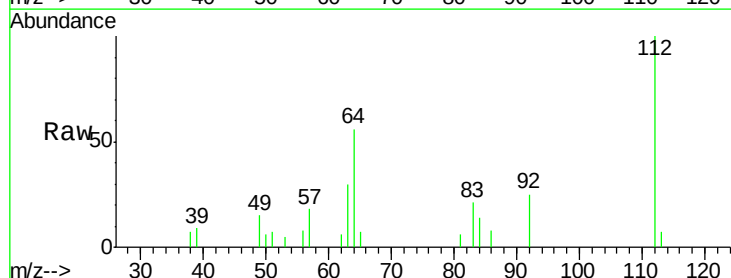
Tgt Ion:112 Resp: 6362

Ion Ratio Lower Upper

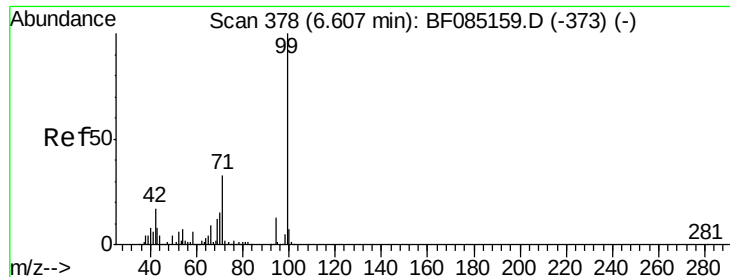
112 100

64 55.7 49.0 73.4

63 30.1 24.8 37.2



Time-->



#7

Phenol-d6

Concen: 0.47 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATERDL

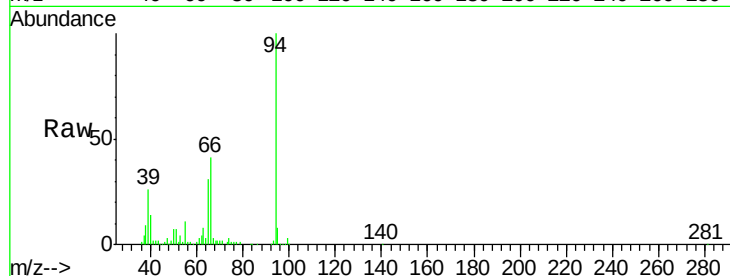
Tgt Ion: 99 Resp: 5427

Ion Ratio Lower Upper

99 100

42 60.6 13.6 20.4#

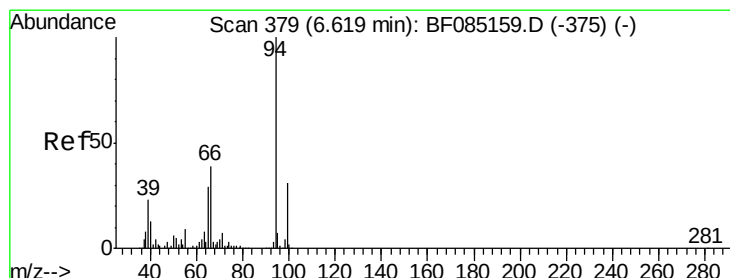
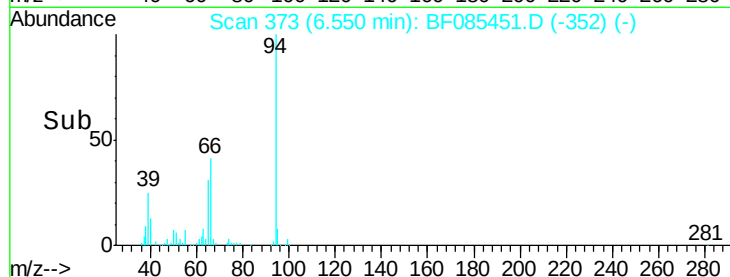
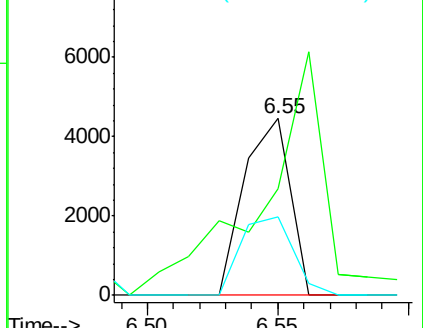
71 44.7 26.7 40.1#



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



#10

Phenol

Concen: 50.28 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

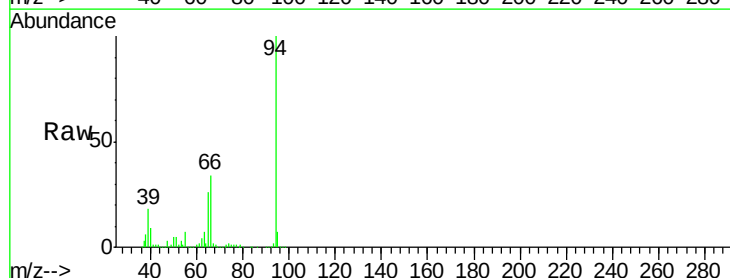
Tgt Ion: 94 Resp: 618294

Ion Ratio Lower Upper

94 100

65 25.8 9.1 49.1

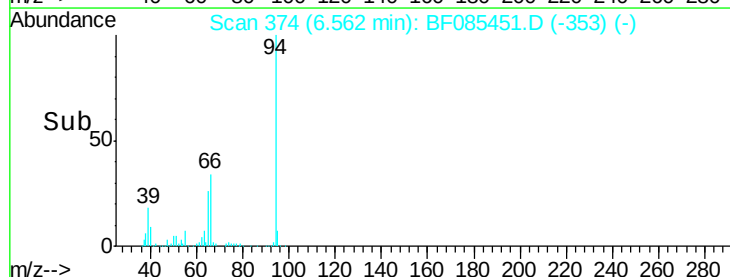
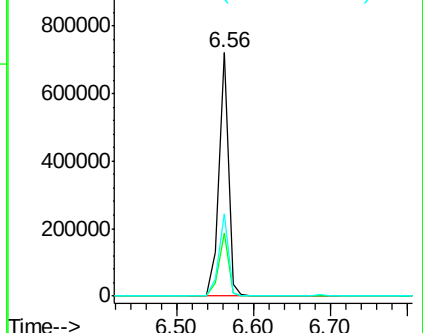
66 33.8 19.3 59.3

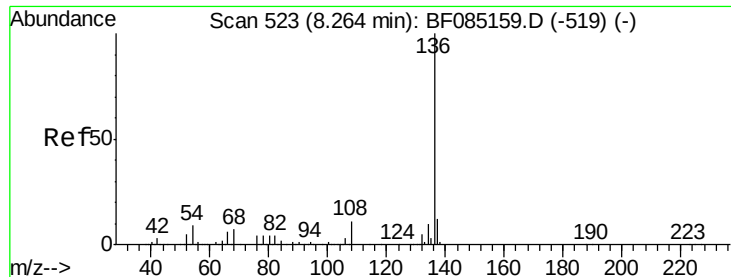


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATERDL

Tgt Ion:136 Resp: 580987

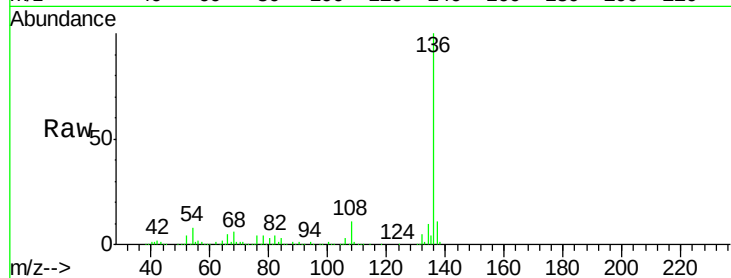
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.8 7.4 11.2

68 6.5 6.0 9.0

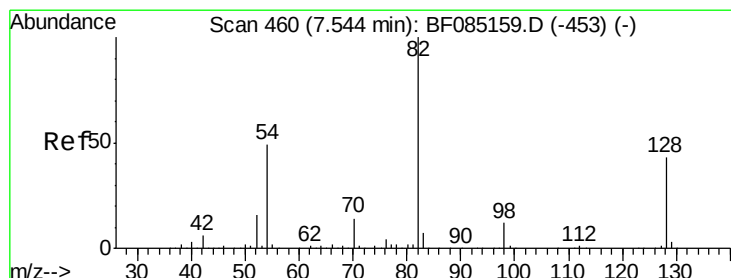
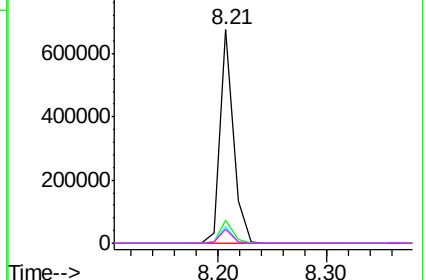
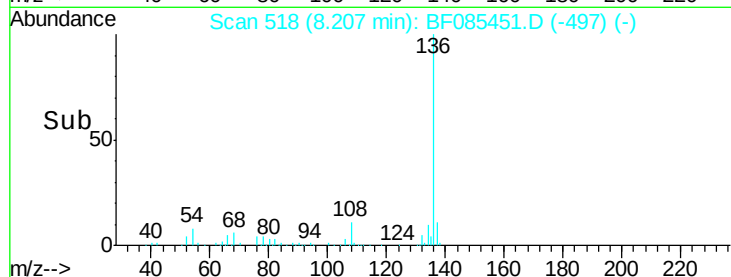


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.71 ng

RT: 7.48 min Scan# 454

Delta R.T. -0.07 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

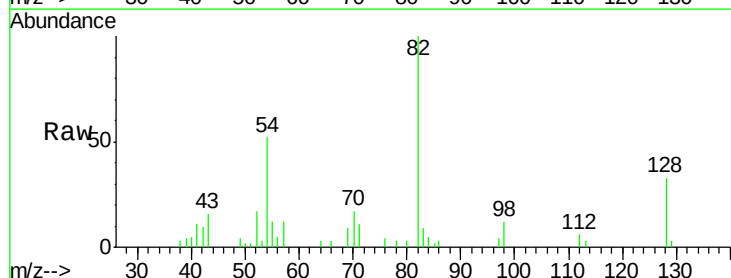
Tgt Ion: 82 Resp: 18542

Ion Ratio Lower Upper

82 100

128 32.6 34.5 51.7#

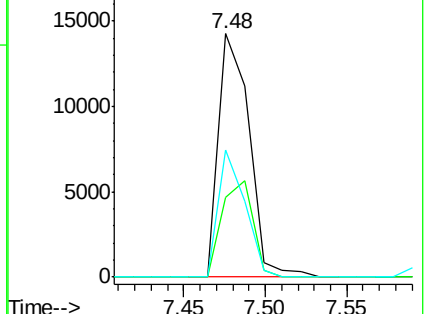
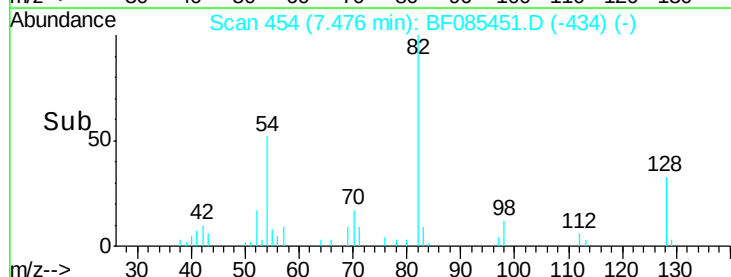
54 52.3 39.3 58.9

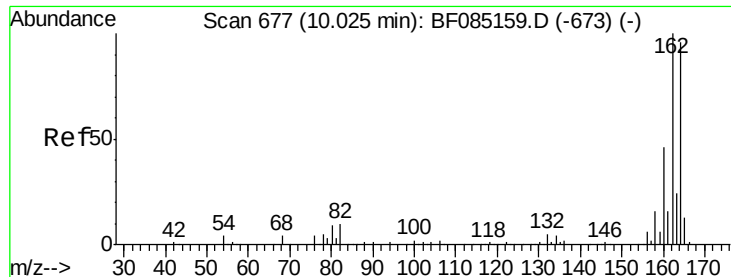


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.97 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATERDL

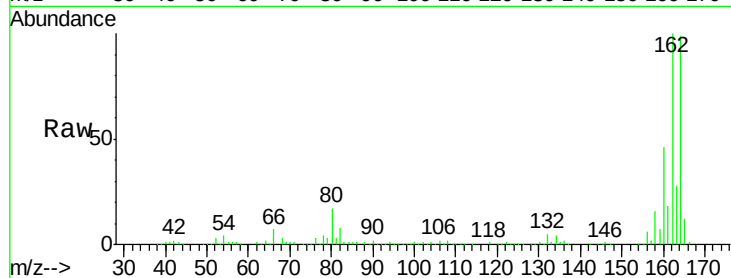
Tgt Ion:164 Resp: 254029

Ion Ratio Lower Upper

164 100

162 101.0 83.3 124.9

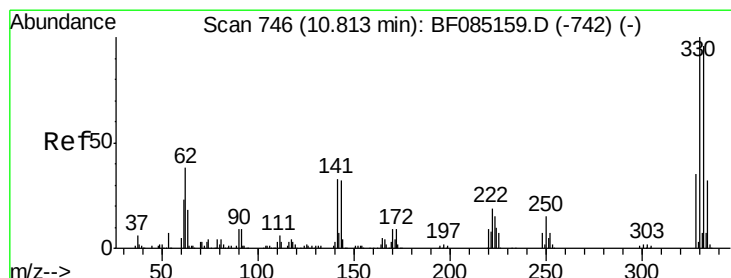
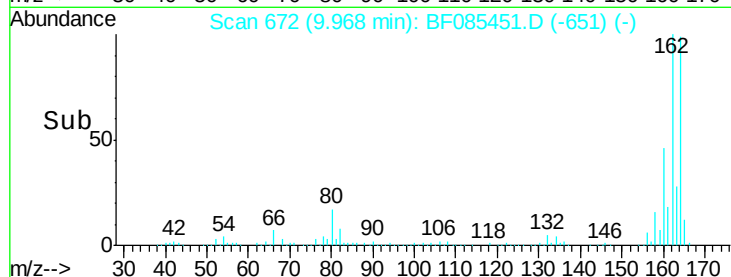
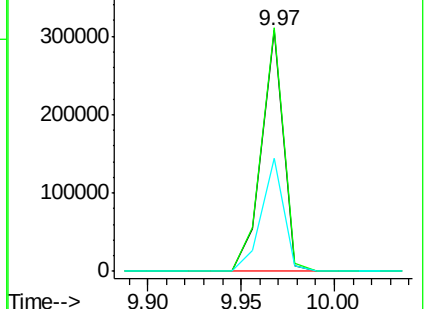
160 47.0 37.9 56.9



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: 1.22 ng

RT: 10.76 min Scan# 741

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

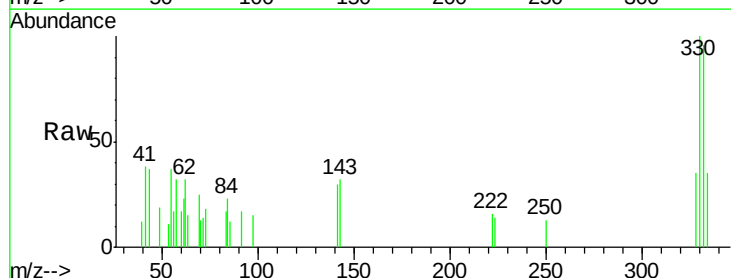
Tgt Ion:330 Resp: 2658

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

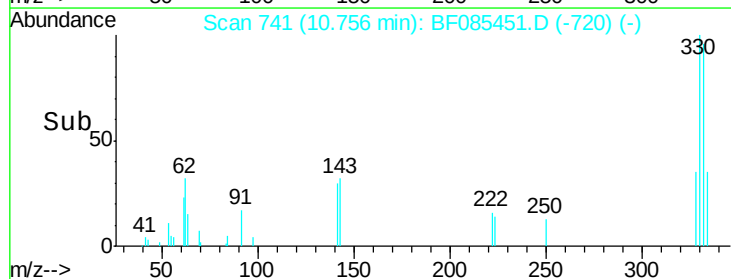
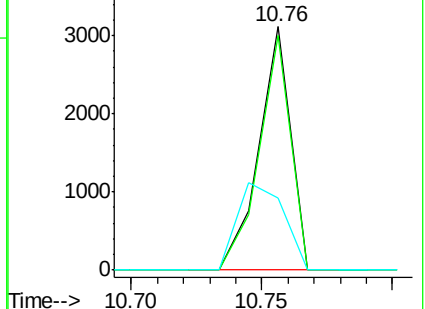
141 52.7 35.0 52.6#

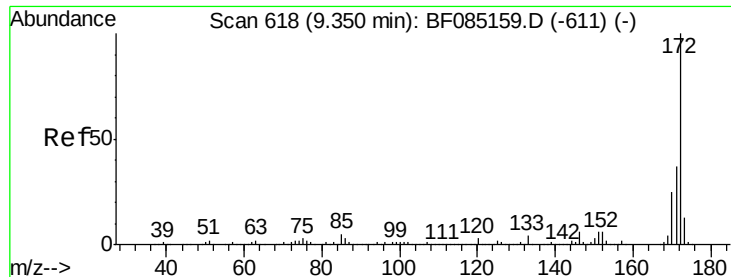


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

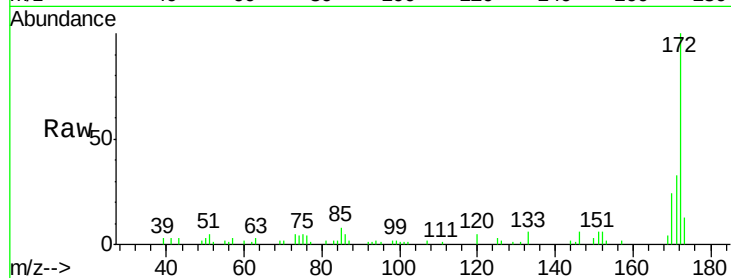




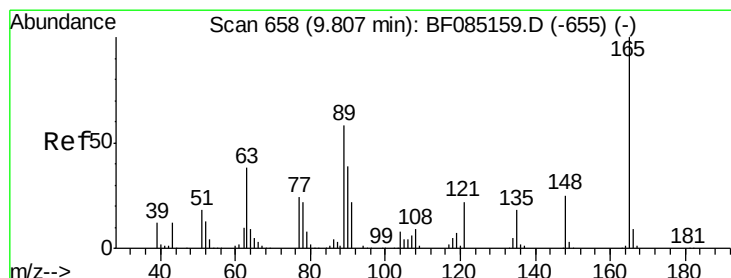
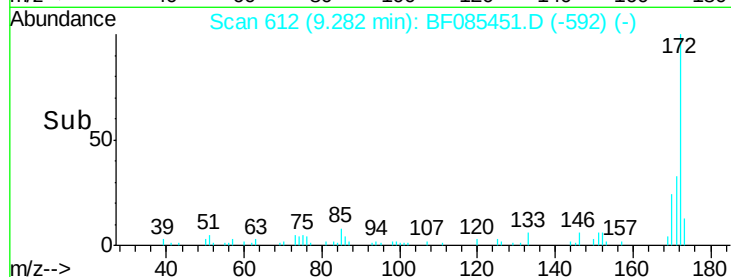
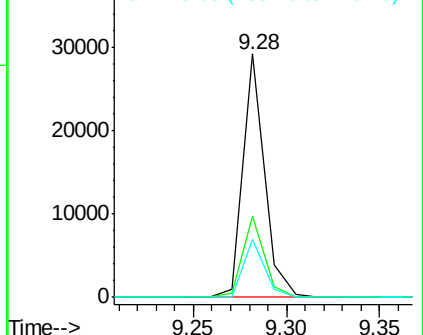
#44
 2-Fluorobiphenyl
 Concen: 1.41 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.07 min
 Lab File: BF085451.D
 Acq: 15 Mar 2016 10:51

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WESTE-WATERDL

Tgt Ion:172 Resp: 23571
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.3 43.9
 170 23.8 20.0 30.0

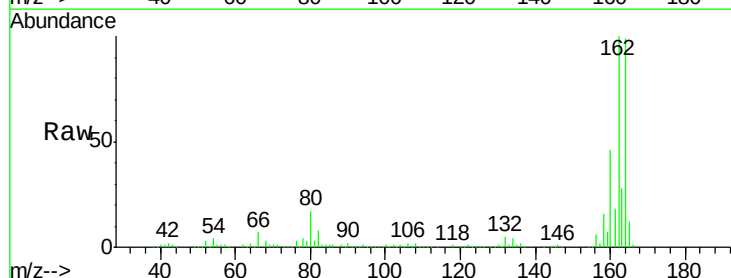


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

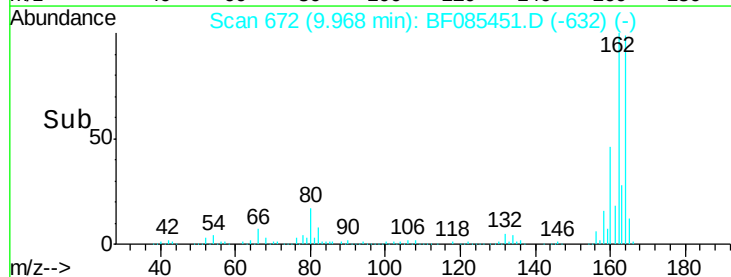
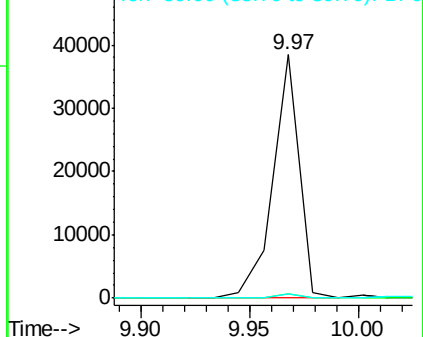


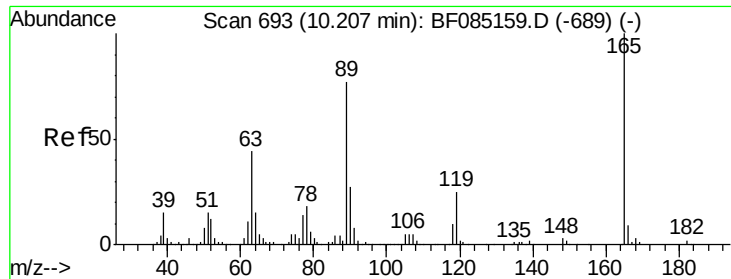
#50
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 9.97 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF085451.D
 Acq: 15 Mar 2016 10:51

Tgt Ion:165 Resp: 32806
 Ion Ratio Lower Upper
 165 100
 63 1.5 41.8 62.8#
 89 1.5 46.7 70.1#



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

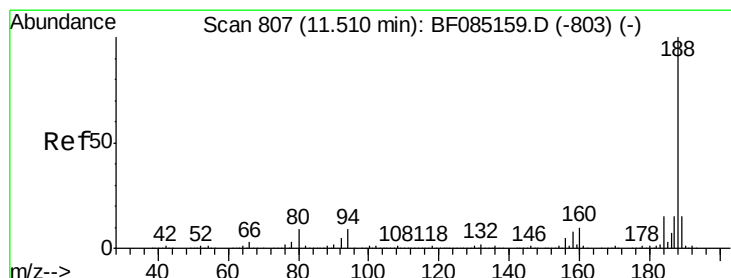
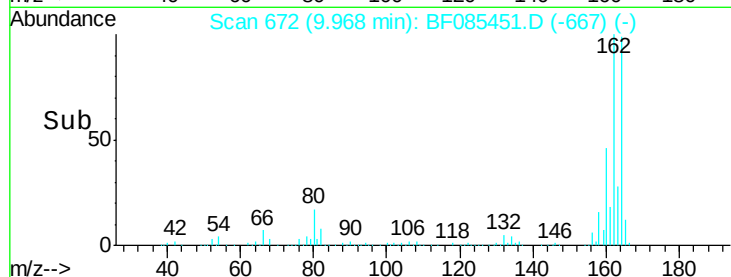
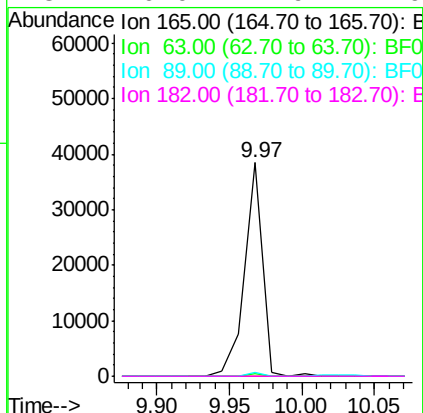
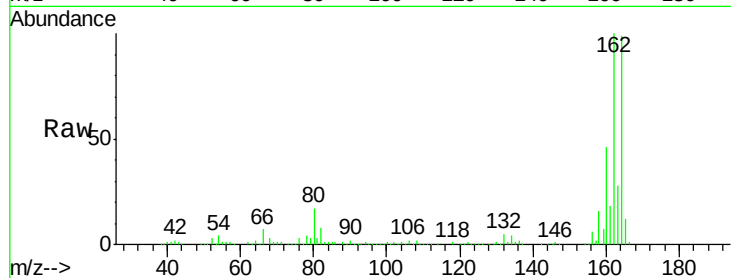




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF085451.D
 Acq: 15 Mar 2016 10:51

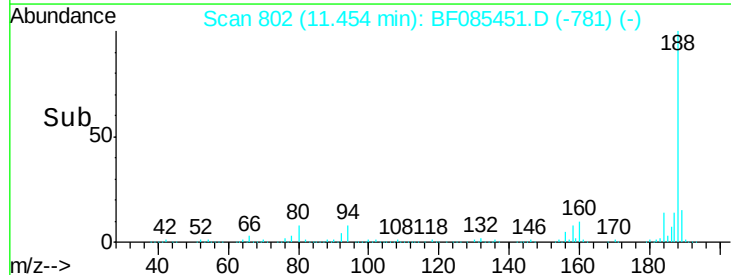
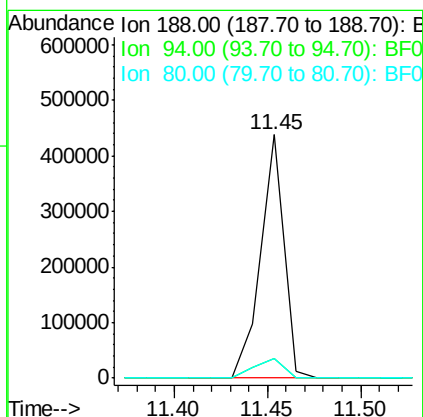
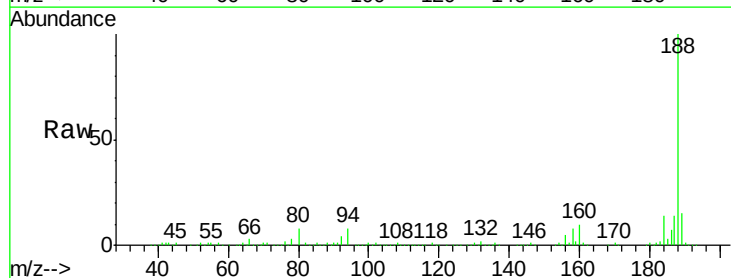
Instrument :
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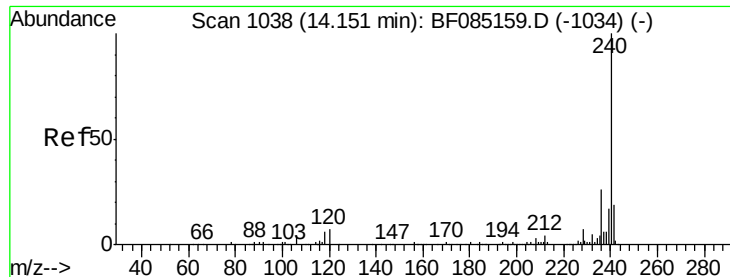
Tgt Ion:	165	Resp:	33148
Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.06 min
 Lab File: BF085451.D
 Acq: 15 Mar 2016 10:51

Tgt Ion:	188	Resp:	377263
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	8.2	7.4	11.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATERDL

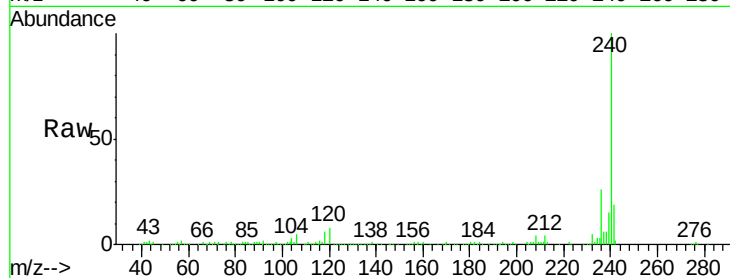
Tgt Ion:240 Resp: 264200

Ion Ratio Lower Upper

240 100

120 7.6 5.3 7.9

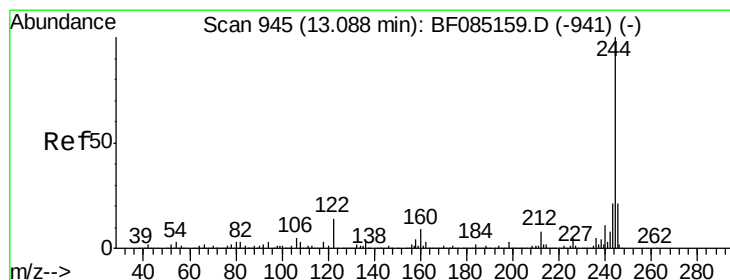
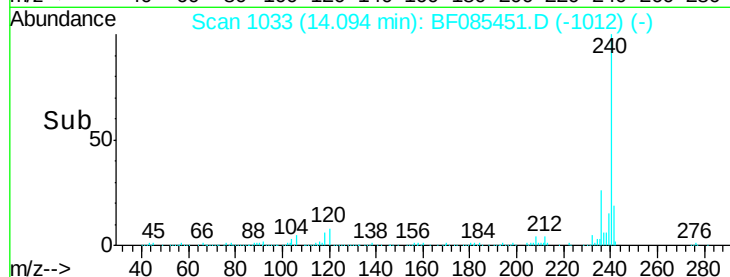
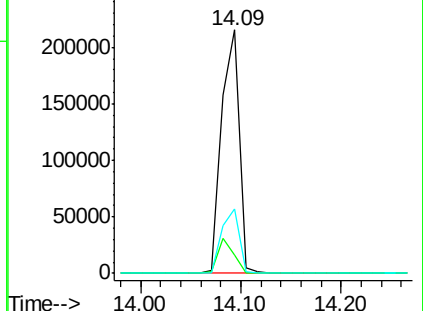
236 26.2 20.7 31.1



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: 0.62 ng

RT: 13.03 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF085451.D

Acq: 15 Mar 2016 10:51

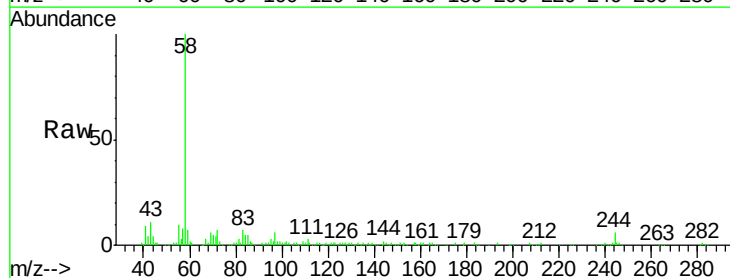
Tgt Ion:244 Resp: 7029

Ion Ratio Lower Upper

244 100

212 10.2 6.4 9.6#

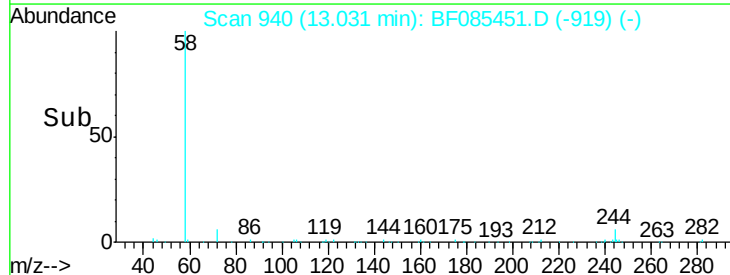
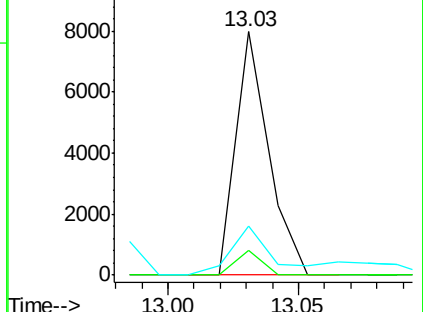
122 19.9 11.4 17.2#

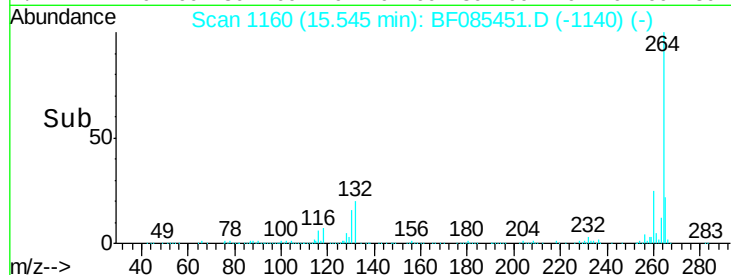
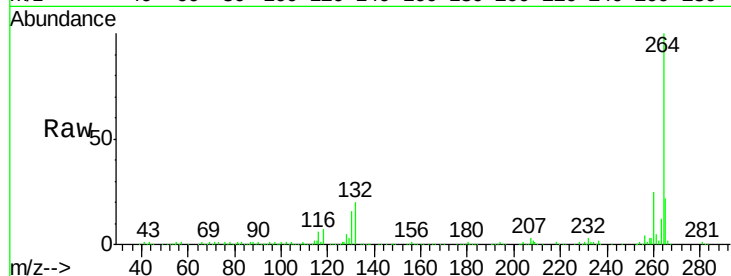
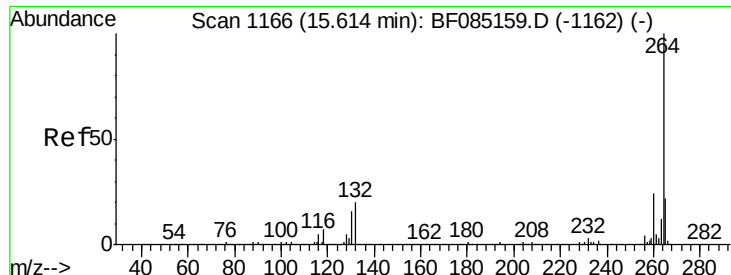


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085451.D
Acq: 15 Mar 2016 10:51

Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATERDL

Tgt Ion:	264	Resp:	252380
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.6	17.3	25.9

