Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079125.D
Acq On : 11 May 2015 19:41
Operator : TP/IZ
Sample : G2146-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Time: May 12 01:57:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 01:34:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	58876	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	242464	20.00	ng		0.00
38) Acenaphthene-d10	11.05	164	125985	20.00	ng		0.00
63) Phenanthrene-d10	12.89	188	237742	20.00	ng		-0.01
75) Chrysene-d12	16.19	240	259758	20.00	ng		-0.03
86) Perylene-d12	17.95	264	264053	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	203078	59.37	ng		0.01
7) Phenol-d6	6.86	99	161535	35.73	ng		0.00
23) Nitrobenzene-d5	7.99	82	355317	84.22	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	188162	138.06	ng		0.00
44) 2-Fluorobiphenyl	10.22	172	725303	80.21	ng		-0.01
78) Terphenyl-d14	14.89	244	902786	83.21	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	7.48	79	7061	2.10	ng	#	45
18) Hexachloroethane	7.95	117	22214	14.37	ng	#	34
37) 2-Methylnaphthalene	9.76	142	609562	76.14	ng		99
51) Acenaphthene	11.09	154	34411	4.50	ng		99
54) Dibenzofuran	11.30	168	44014	3.98	ng	#	91
57) Fluorene	11.74	166	62036	6.84	ng	#	98
64) 4,6-Dinitro-2-methylphenol	11.84	198	4260	7.07	ng	#	59
70) Phenanthrene	12.93	178	74505	5.60	ng		97
71) Anthracene	12.93	178	72362	5.55	ng		97
72) Carbazole	13.20	167	39556	3.18	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079125.D
Acq On : 11 May 2015 19:41
Operator : TP/IZ
Sample : G2146-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: May 12 01:57:51 2015
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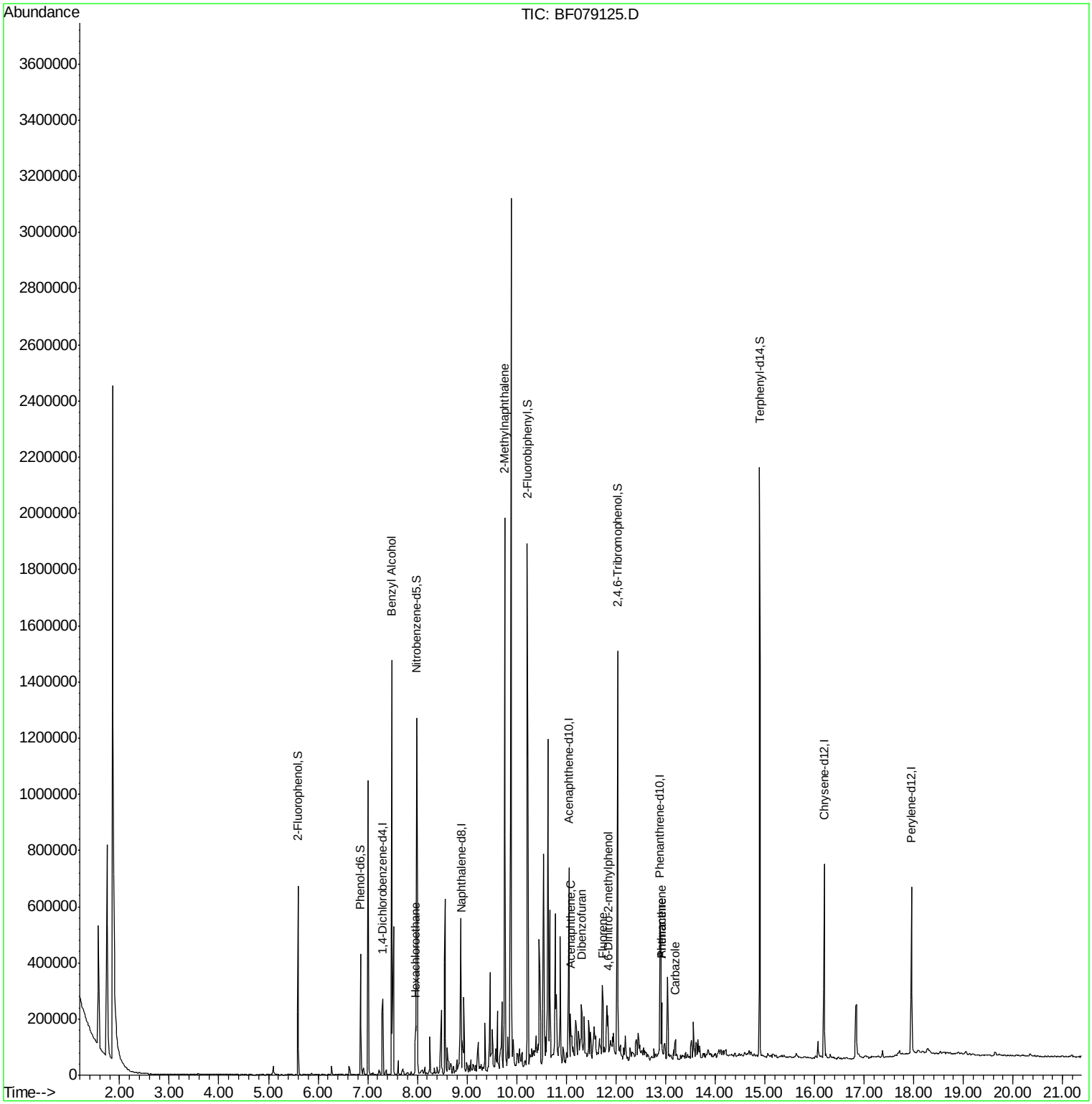
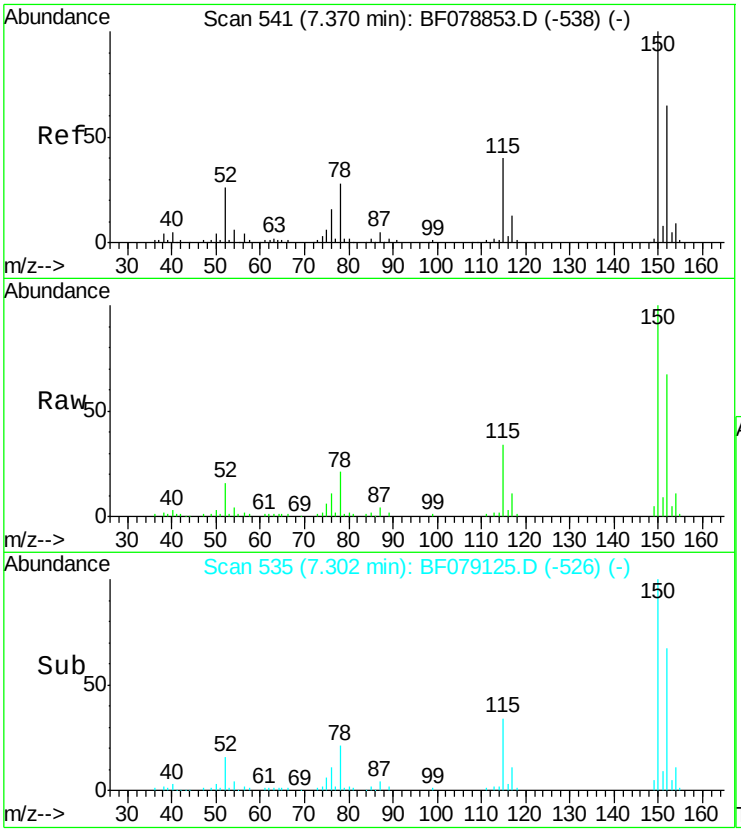


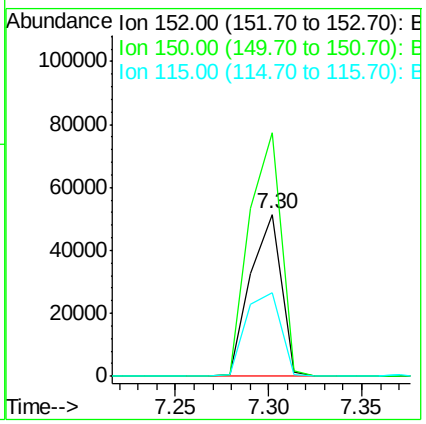


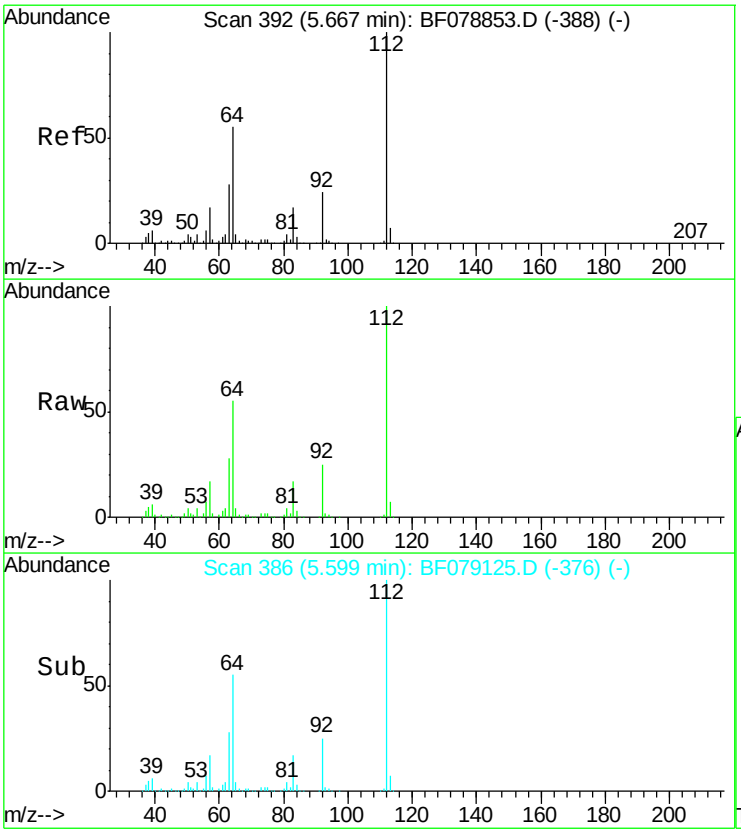
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 58876

Ion	Ratio	Lower	Upper
152	100		
150	150.0	122.0	183.0
115	51.3	46.3	69.5

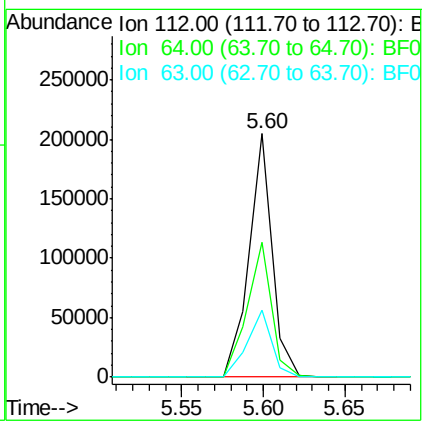


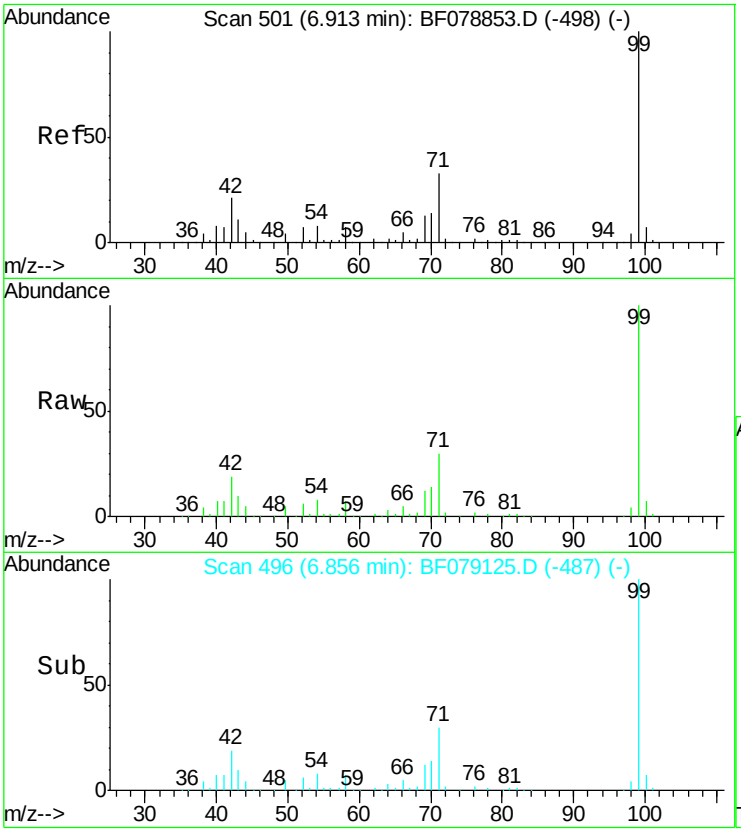


#5
2-Fluorophenol
Concen: 59.37 ng
RT: 5.60 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:112 Resp: 203078

Ion	Ratio	Lower	Upper
112	100		
64	55.5	53.5	80.3
63	27.6	27.5	41.3



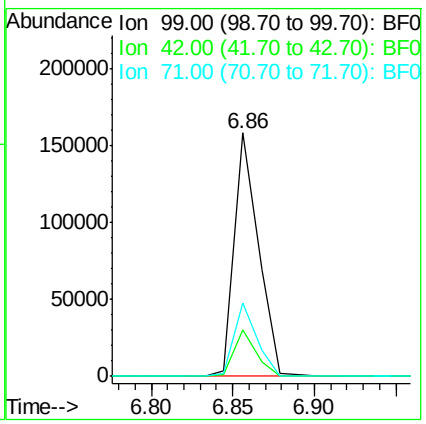


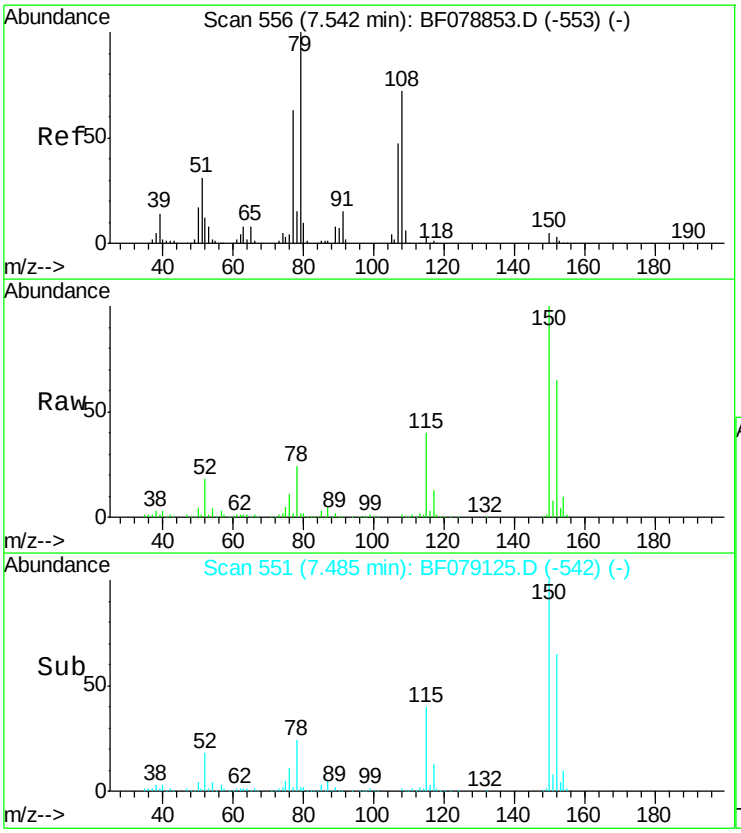
#7
Phenol-d6
Concen: 35.73 ng
RT: 6.86 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 161535

Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.8	19.2#
71	30.3	23.4	35.2

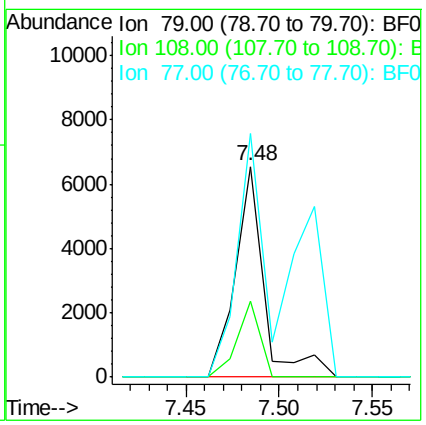


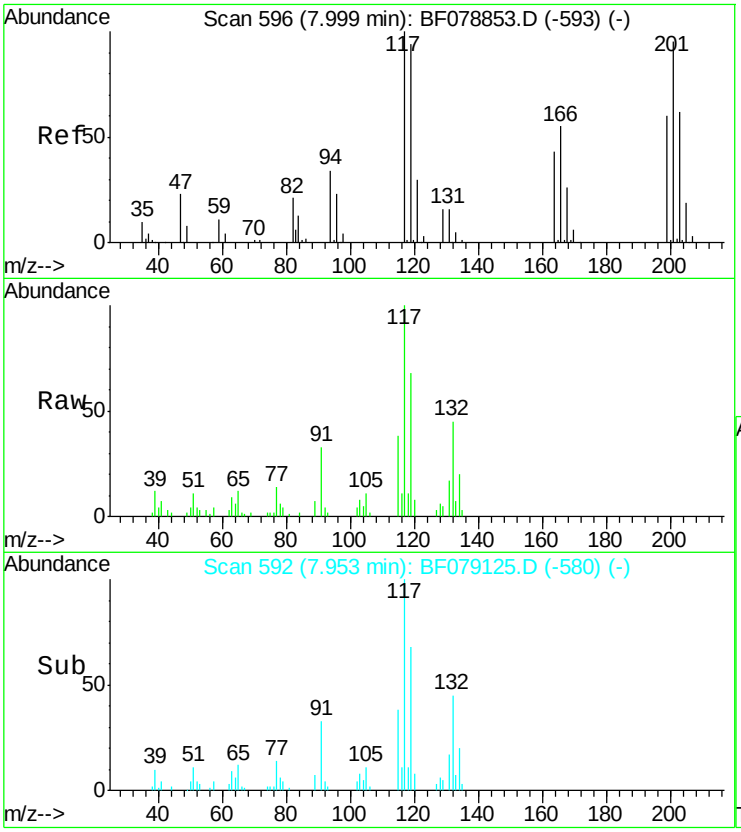


#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 7.48 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion: 79 Resp: 7061

Ion	Ratio	Lower	Upper
79	100		
108	36.0	62.5	93.7#
77	115.5	52.2	78.4#



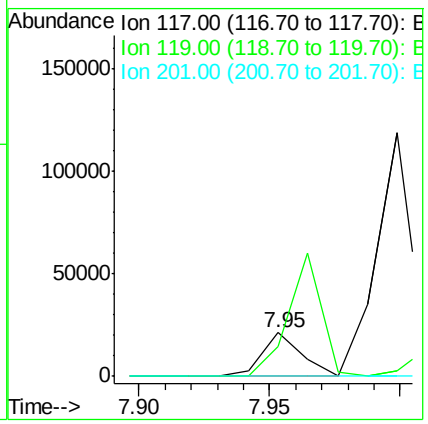


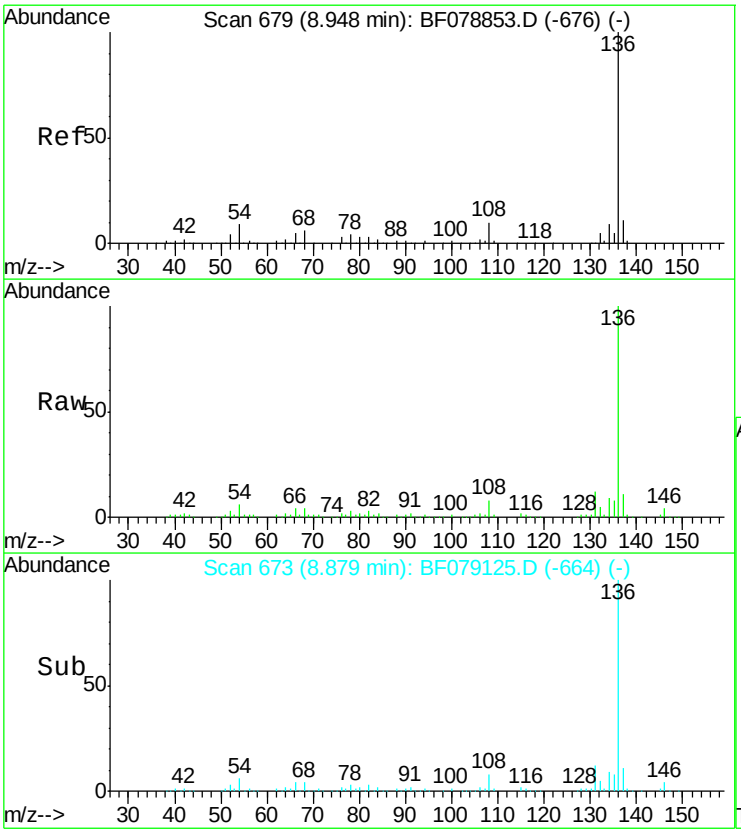
#18
Hexachloroethane
Concen: 14.37 ng
RT: 7.95 min Scan# 592
Delta R.T. 0.03 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 22214

Ion	Ratio	Lower	Upper
117	100		
119	68.3	75.4	113.0#
201	0.0	83.2	124.8#

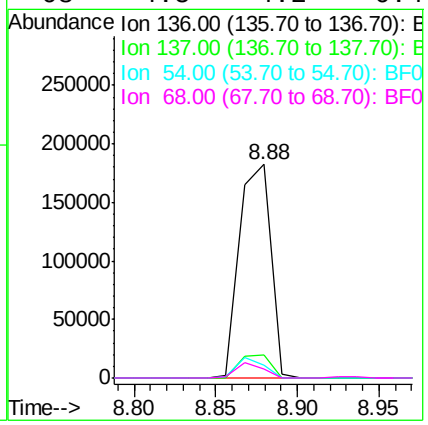


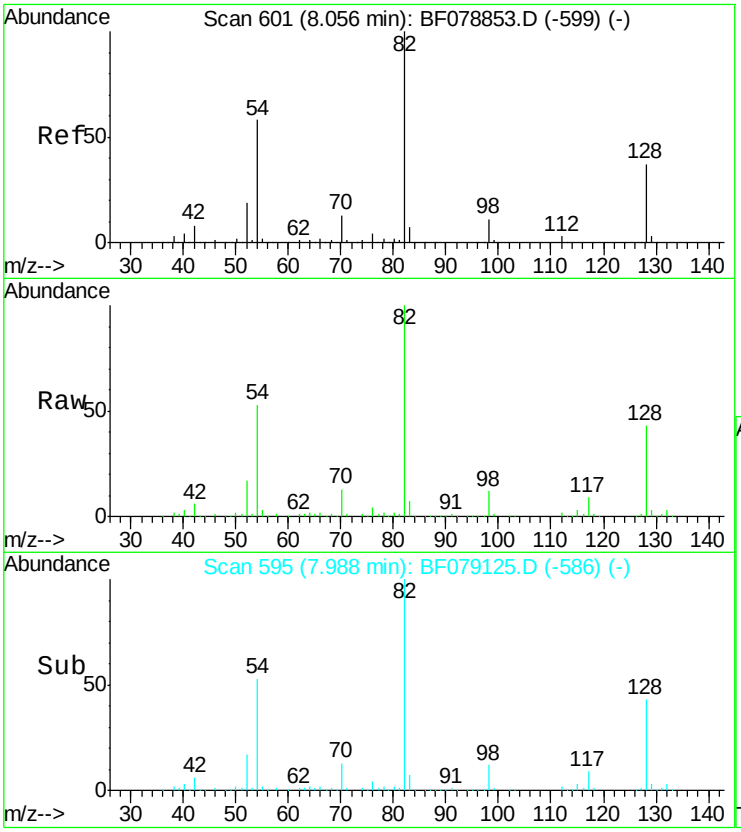


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.88 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:136 Resp: 242464

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.7	5.8	8.8#
68	4.5	4.2	6.4



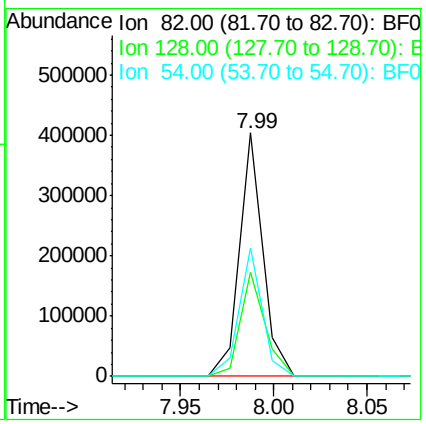


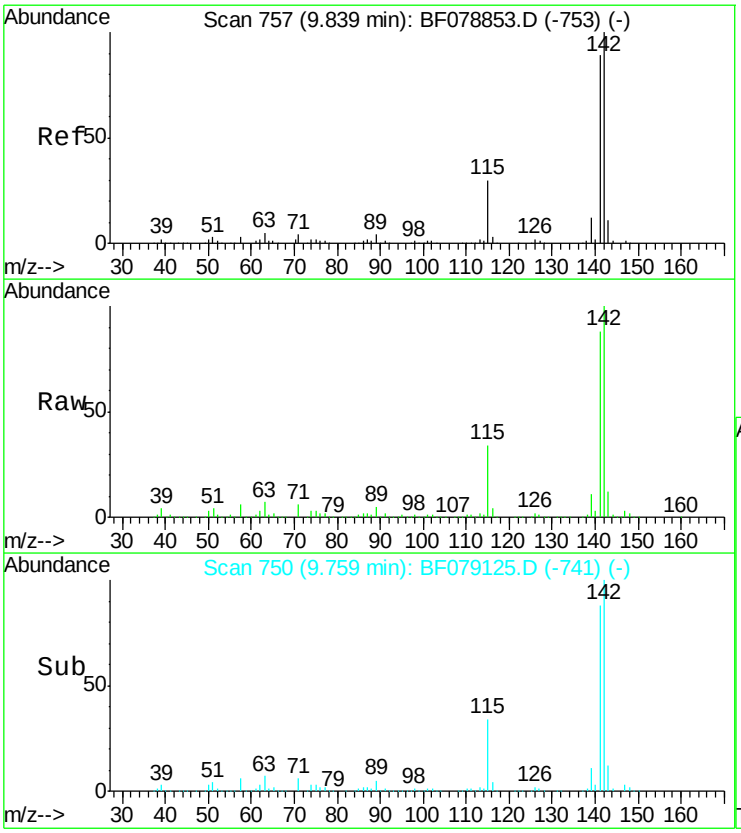
#23
Nitrobenzene-d5
Concen: 84.22 ng
RT: 7.99 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 355317

Ion	Ratio	Lower	Upper
82	100		
128	42.7	30.0	45.0
54	53.0	46.4	69.6

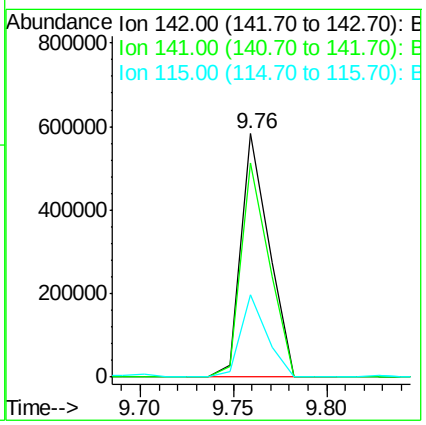


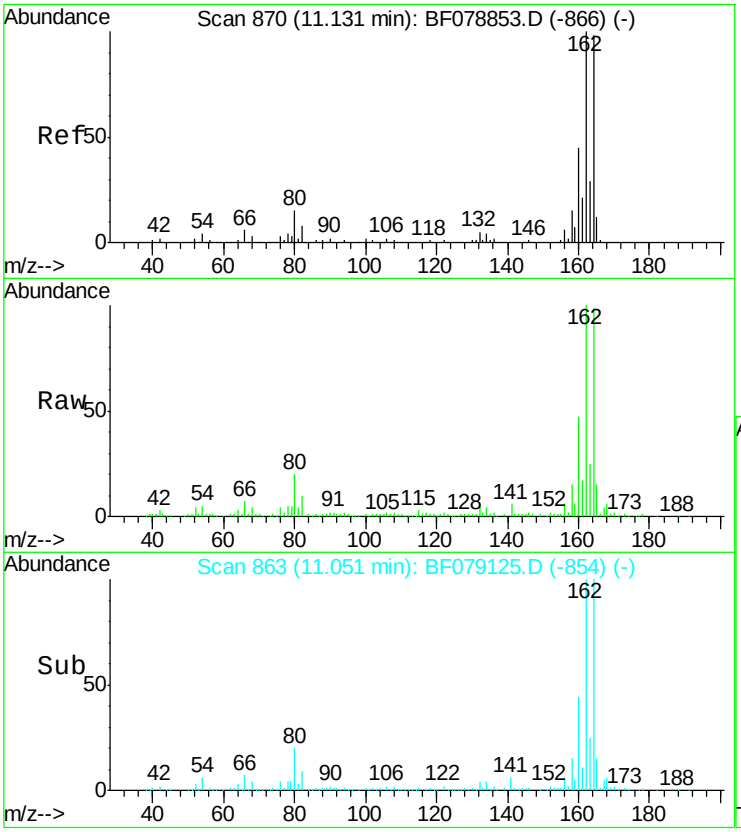


#37
2-Methylnaphthalene
Concen: 76.14 ng
RT: 9.76 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:142 Resp: 609562

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3
115	34.0	28.5	42.7



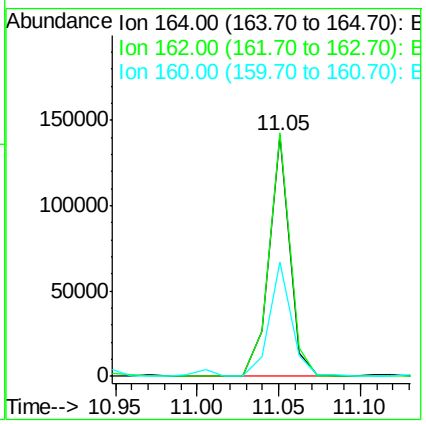


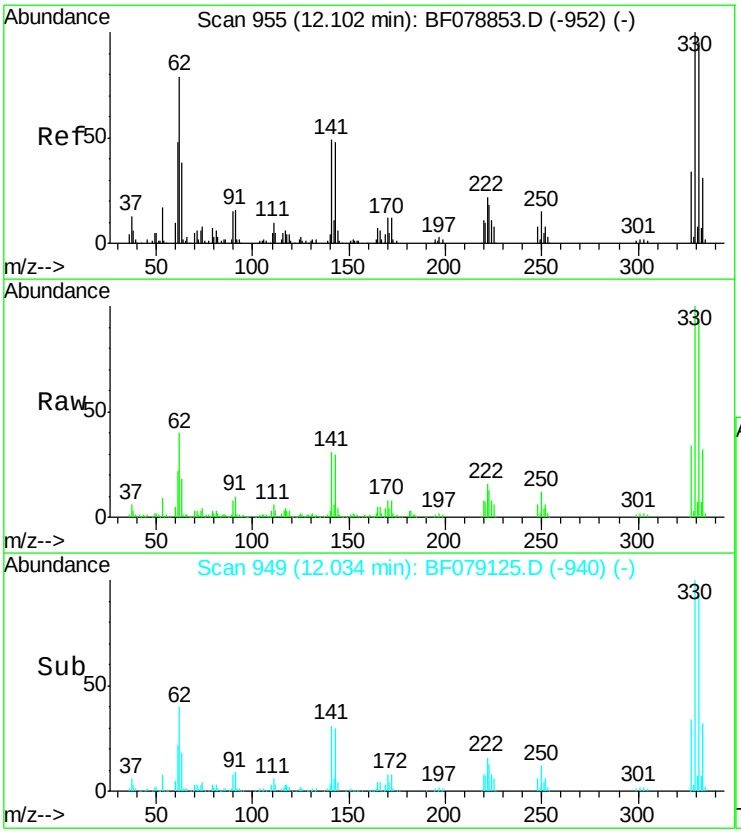
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 125985

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.7	124.1
160	47.3	35.8	53.8

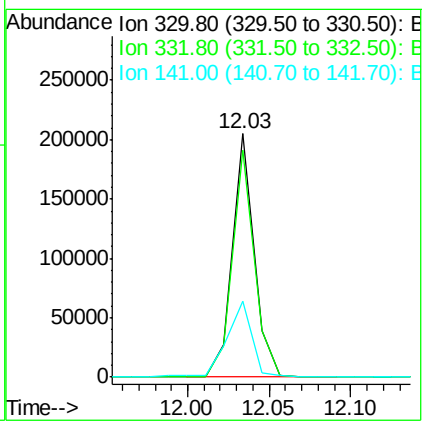


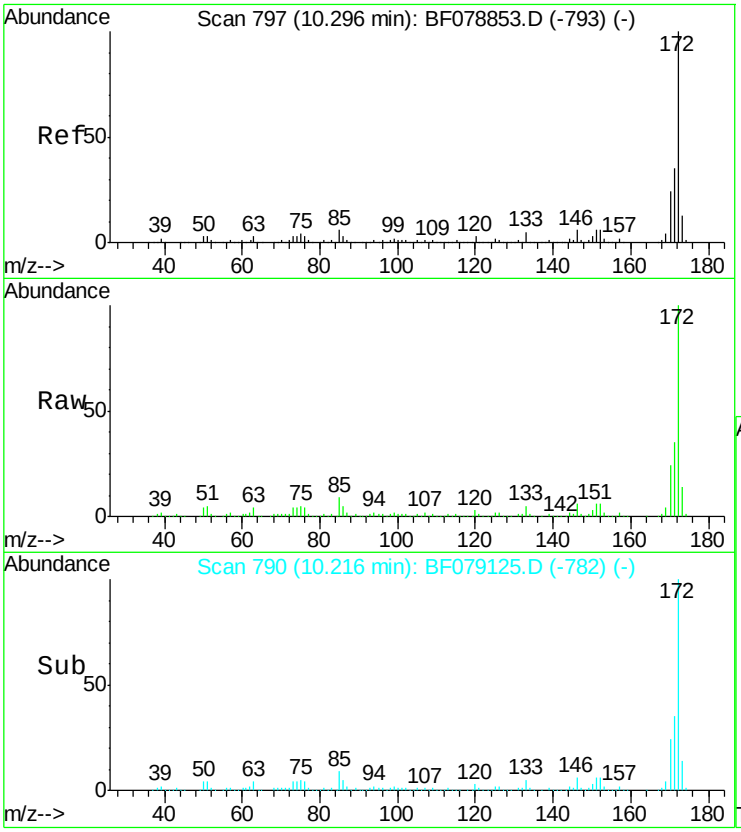


#41
2,4,6-Tribromophenol
Concen: 138.06 ng
RT: 12.03 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:330 Resp: 188162

Ion	Ratio	Lower	Upper
330	100		
332	94.3	0.0	0.0#
141	34.7	0.0	0.0#



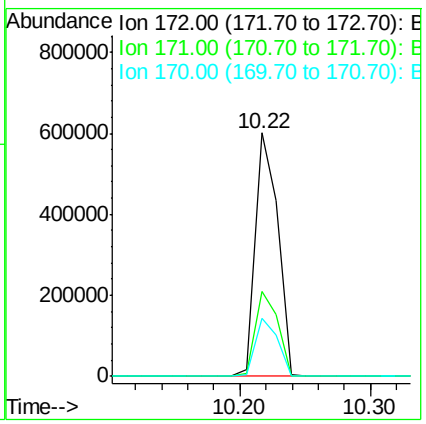


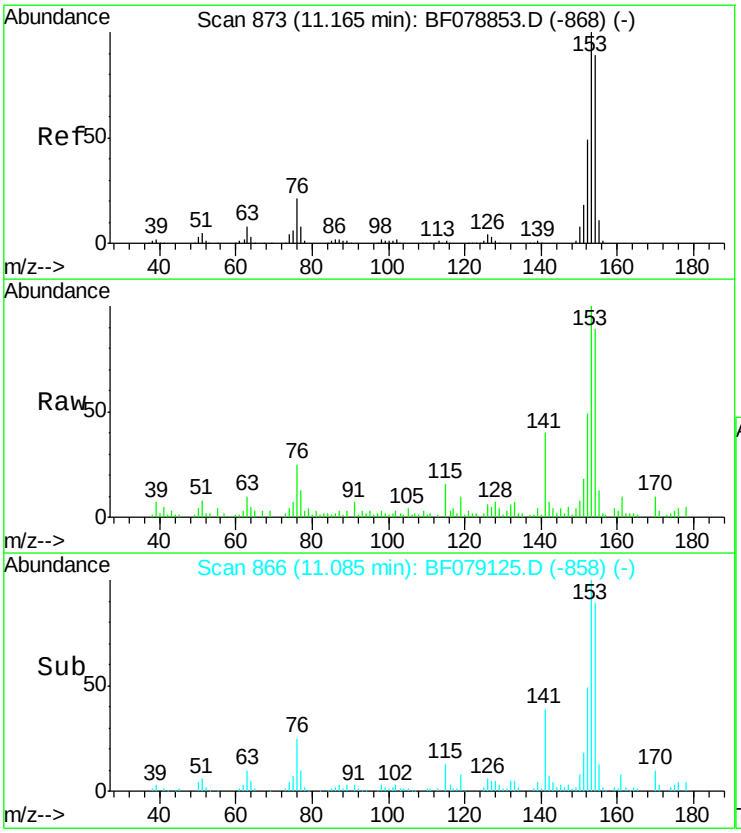
#44
2-Fluorobiphenyl
Concen: 80.21 ng
RT: 10.22 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 725303

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.6	19.4	29.0

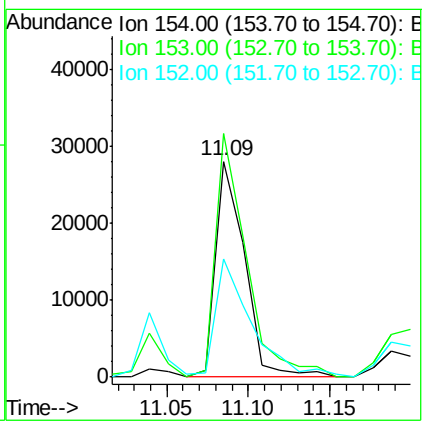


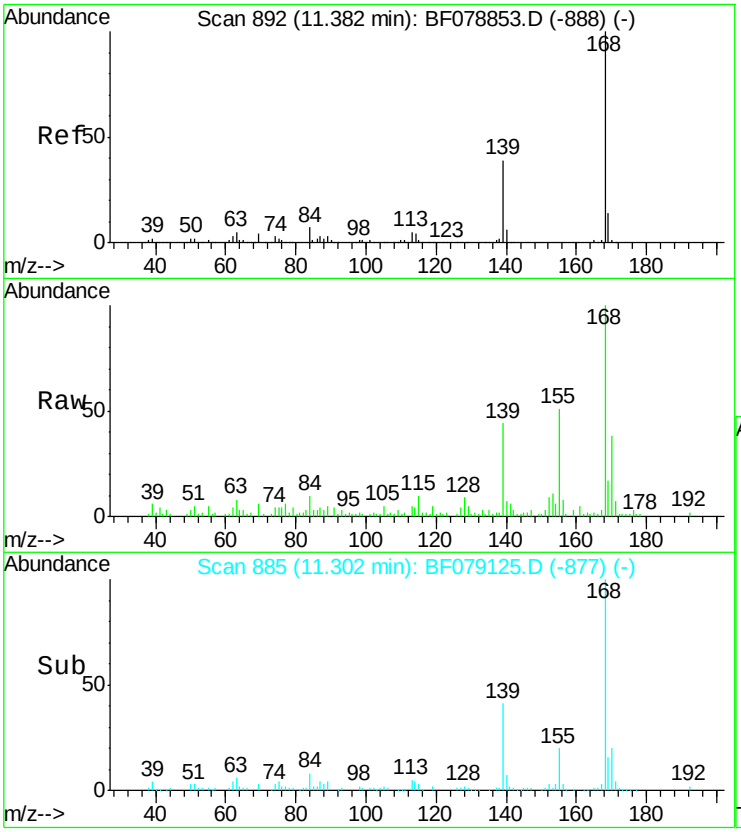


#51
Acenaphthene
Concen: 4.50 ng
RT: 11.09 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:154 Resp: 34411

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.5	137.3
152	54.8	44.2	66.4



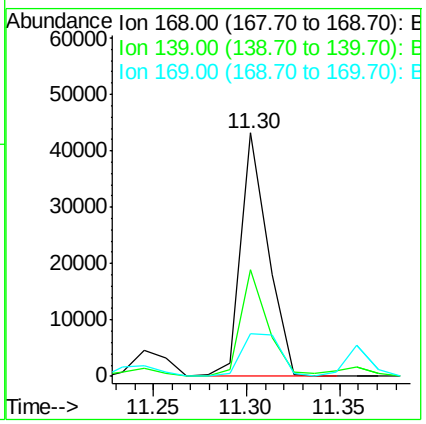


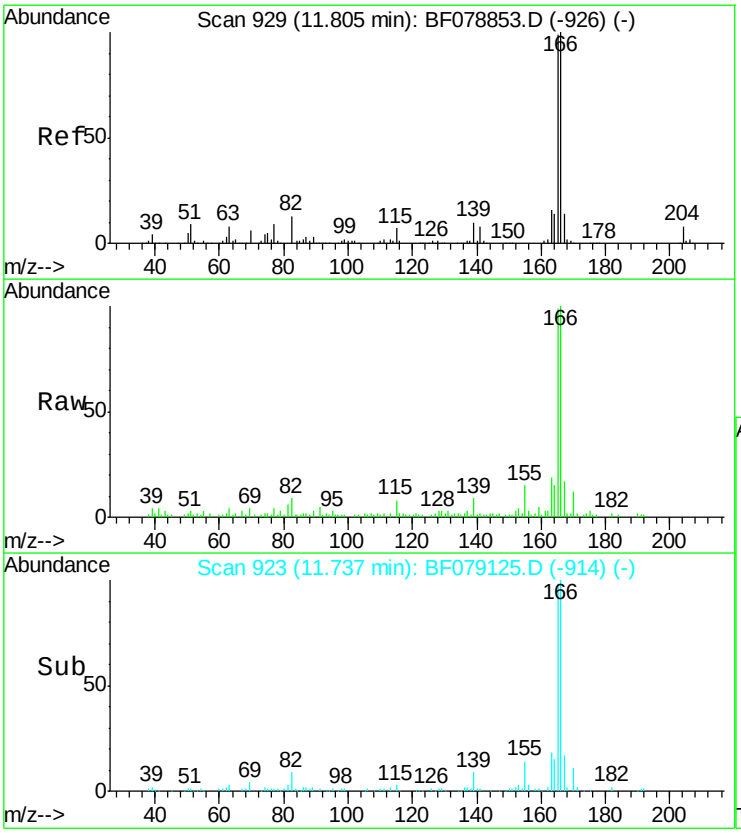
#54
Dibenzofuran
Concen: 3.98 ng
RT: 11.30 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:168 Resp: 44014

Ion	Ratio	Lower	Upper
168	100		
139	43.9	31.0	46.4
169	17.5	10.6	16.0#

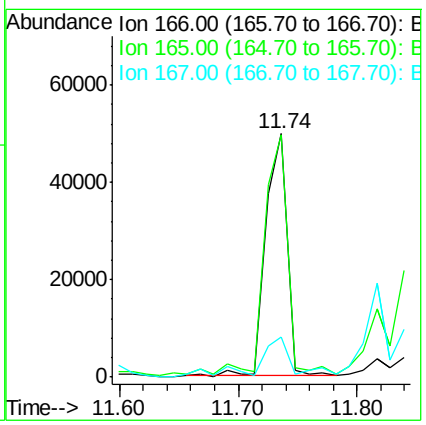


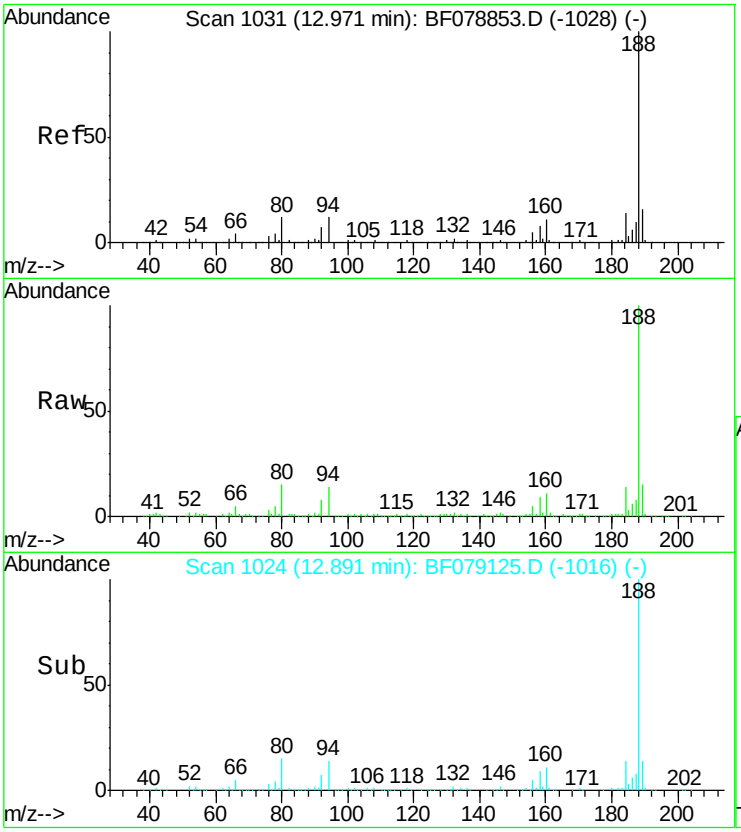


#57
Fluorene
Concen: 6.84 ng
RT: 11.74 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:166 Resp: 62036

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.5	117.7
167	16.7	11.0	16.6#



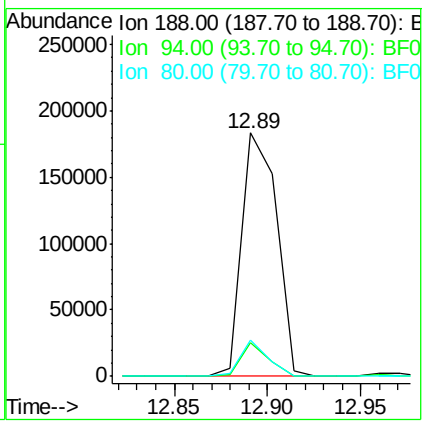


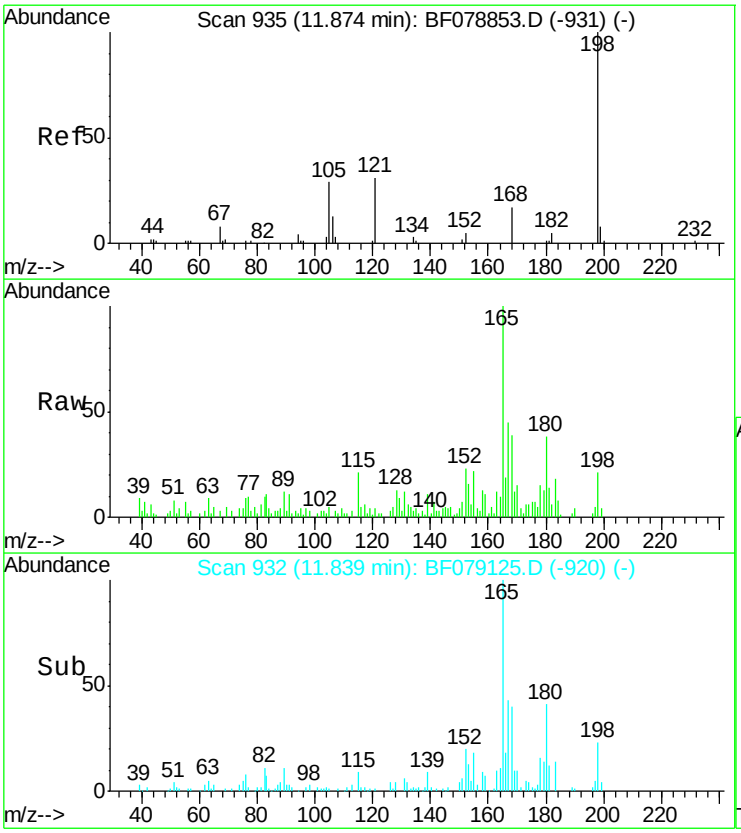
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 237742

Ion	Ratio	Lower	Upper
188	100		
94	13.9	8.2	12.2#
80	14.8	8.9	13.3#

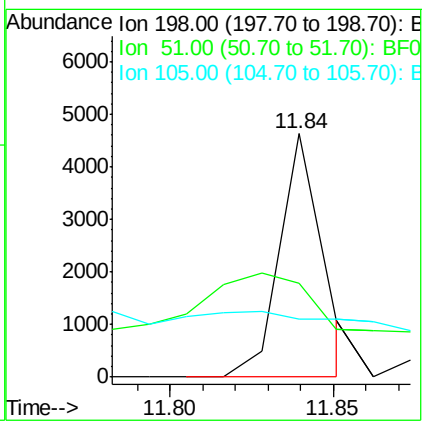


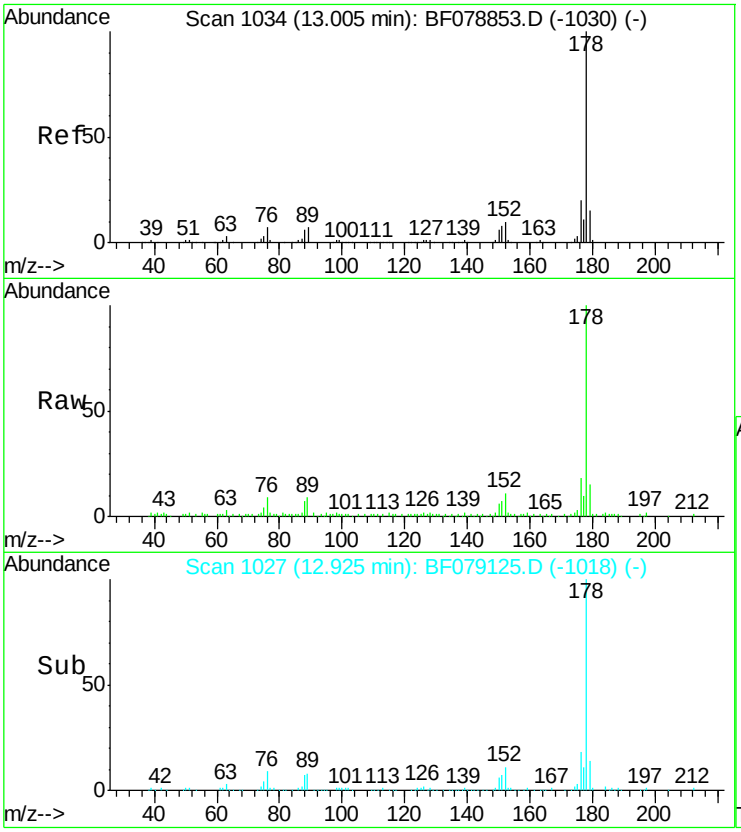


#64
4,6-Dinitro-2-methylphenol
Concen: 7.07 ng
RT: 11.84 min Scan# 932
Delta R.T. 0.03 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:198 Resp: 4260

Ion	Ratio	Lower	Upper
198	100		
51	38.4	47.3	87.3#
105	24.1	38.8	78.8#



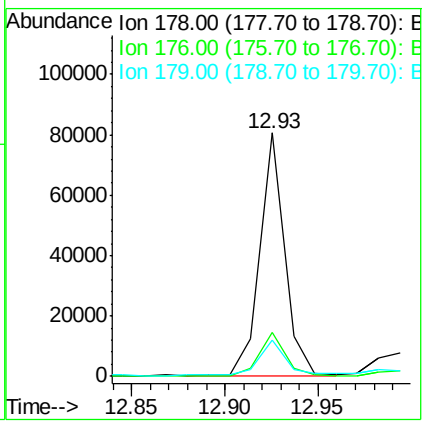


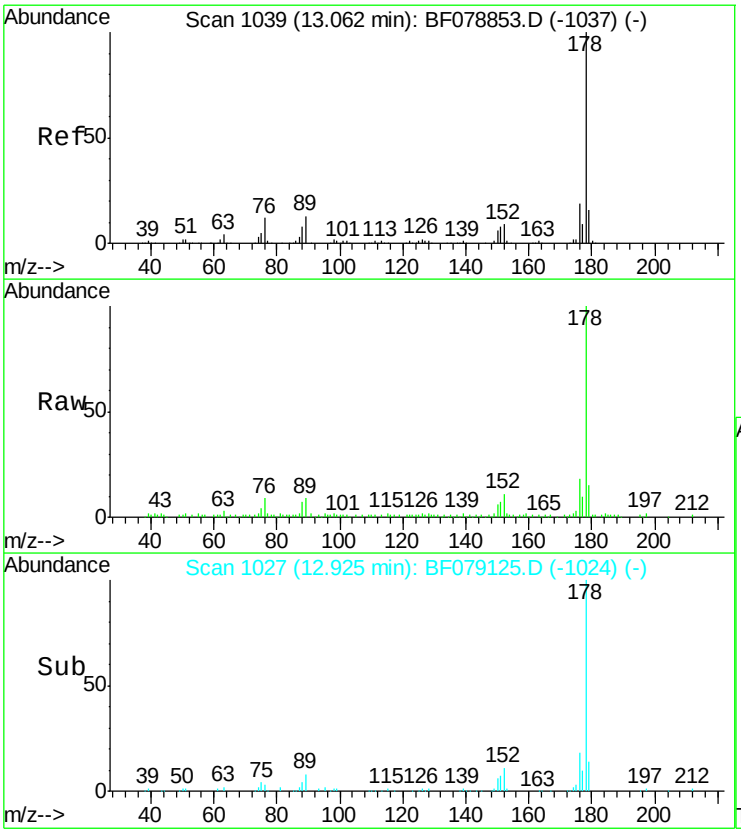
#70
Phenanthrene
Concen: 5.60 ng
RT: 12.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:178 Resp: 74505

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.9	12.5	18.7

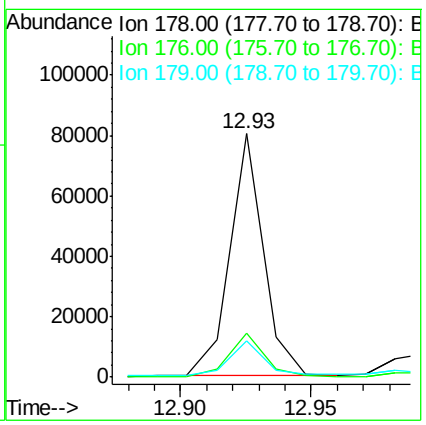


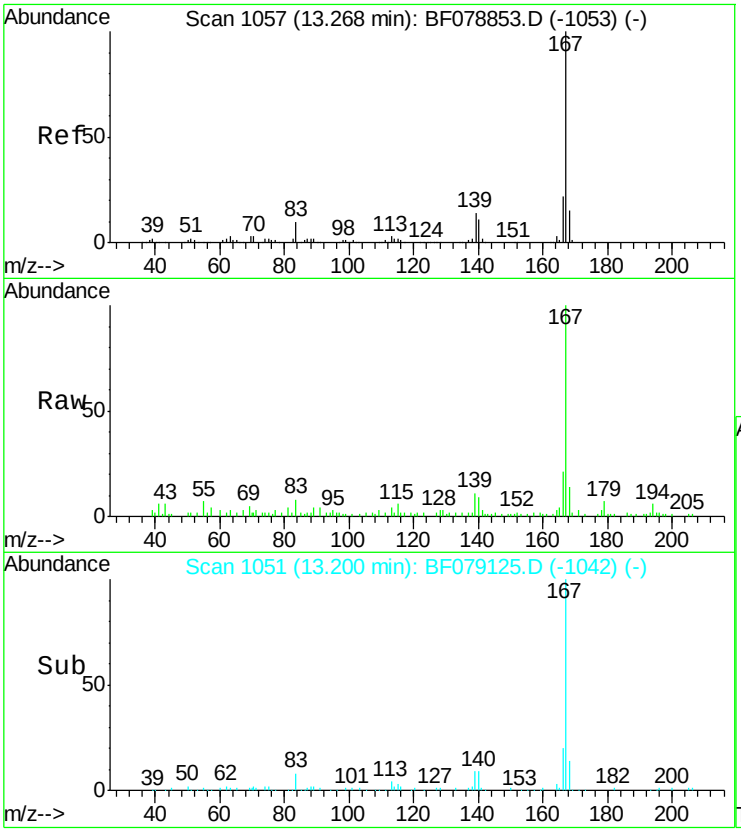


#71
Anthracene
Concen: 5.55 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.07 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:178 Resp: 72362

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	14.9	12.7	19.1



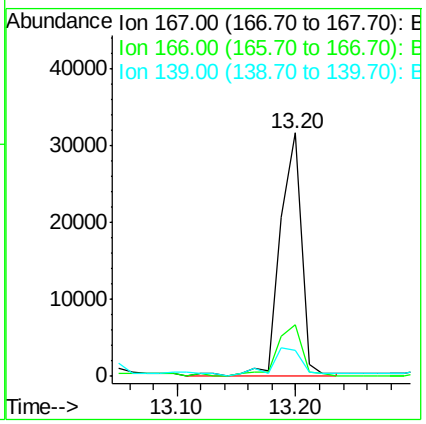


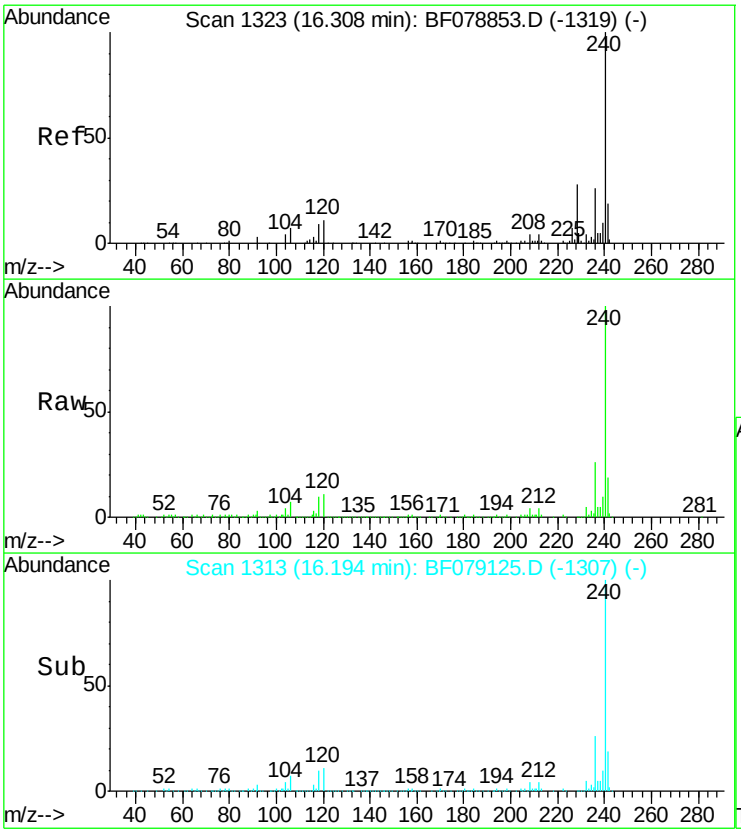
#72
Carbazole
Concen: 3.18 ng
RT: 13.20 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:167 Resp: 39556

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.8
139	10.7	10.6	16.0

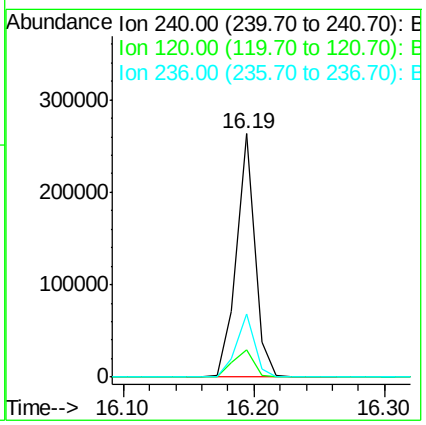


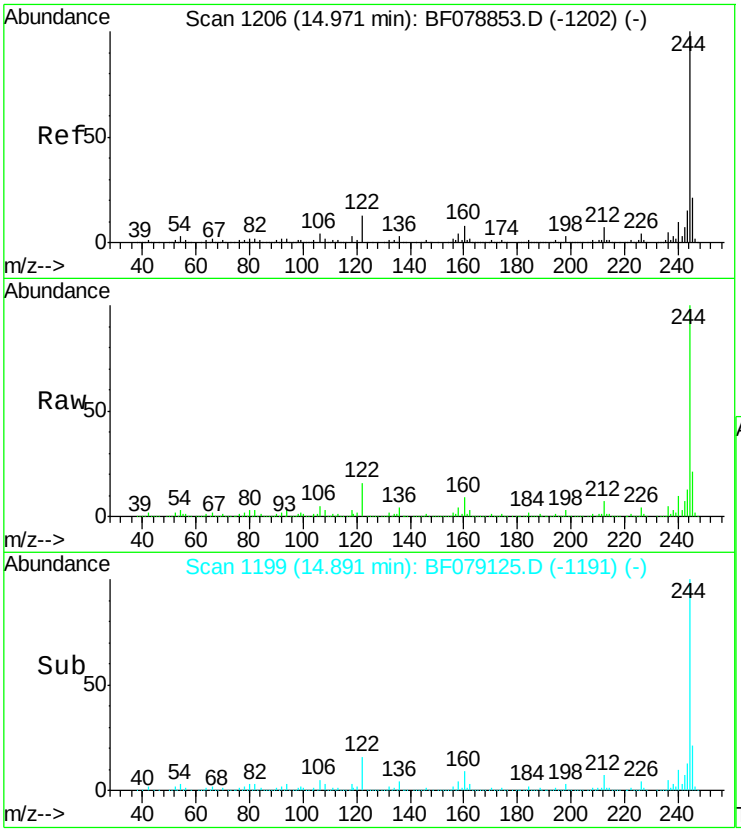


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:240 Resp: 259758

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.7	14.5
236	26.1	20.2	30.4



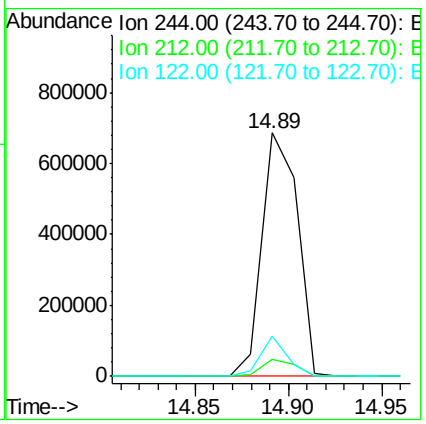


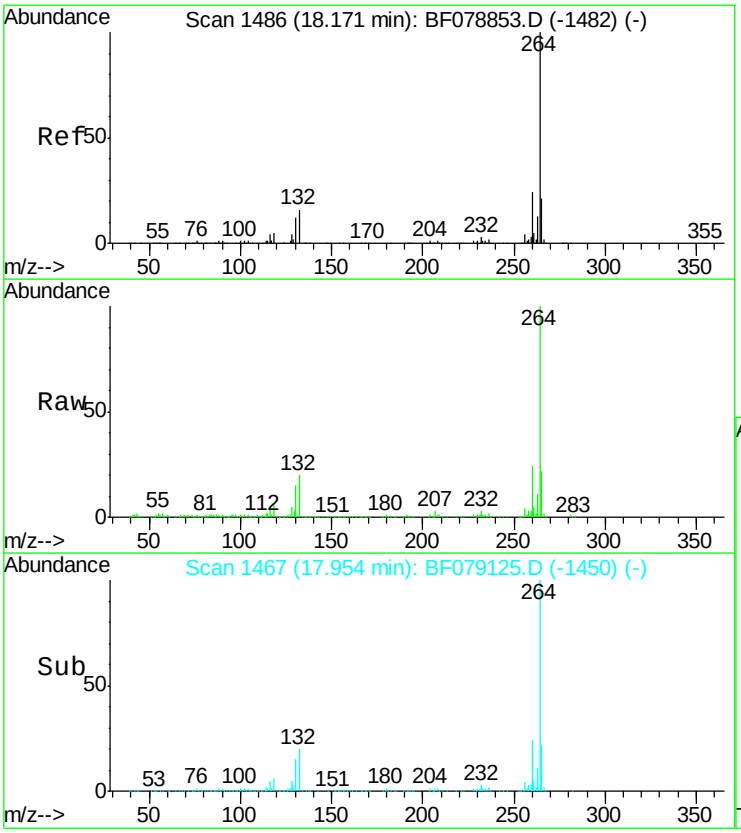
#78
Terphenyl-d14
Concen: 83.21 ng
RT: 14.89 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 902786

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	16.4	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.95 min Scan# 1467
Delta R.T. -0.10 min
Lab File: BF079125.D
Acq: 11 May 2015 19:41

Tgt Ion:264 Resp: 264053

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.9	18.3	27.5