Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075579.D
Acq On : 16 Nov 2014 12:39
Operator : TP / JJ
Sample : F4743-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WC-038-111214

Quant Time: Nov 17 04:37:20 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 04:16:34 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46623	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	197732	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	102422	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	174277	20.00	ng		0.00
75) Chrysene-d12	16.46	240	180748	20.00	ng		-0.02
86) Perylene-d12	18.19	264	183203	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	380354	144.12	ng		0.00
7) Phenol-d6	7.11	99	454868	143.33	ng		0.00
23) Nitrobenzene-d5	8.24	82	287909	106.75	ng		-0.01
41) 2,4,6-Tribromophenol	12.30	330	135709	158.20	ng		-0.01
44) 2-Fluorobiphenyl	10.48	172	624271	110.14	ng		0.00
78) Terphenyl-d14	15.16	244	665705	99.15	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	7.73	79	13291	5.33	ng		84
31) Naphthalene	9.16	128	210678	23.90	ng		99
32) Benzoic acid	8.88	122	3574	2.14	ng	#	18
37) 2-Methylnaphthalene	10.02	142	87928	14.62	ng	#	95
45) 1,1'-Biphenyl	10.61	154	22246	3.22	ng		96
51) Acenaphthene	11.35	154	132793	24.70	ng		97
54) Dibenzofuran	11.57	168	153265	19.95	ng		97
57) Fluorene	12.00	166	151888	24.44	ng		99
70) Phenanthrene	13.19	178	233715	25.48	ng		98
72) Carbazole	13.47	167	640995	69.10	ng		100
76) Benzidine	14.85	184	176646	30.73	ng		99

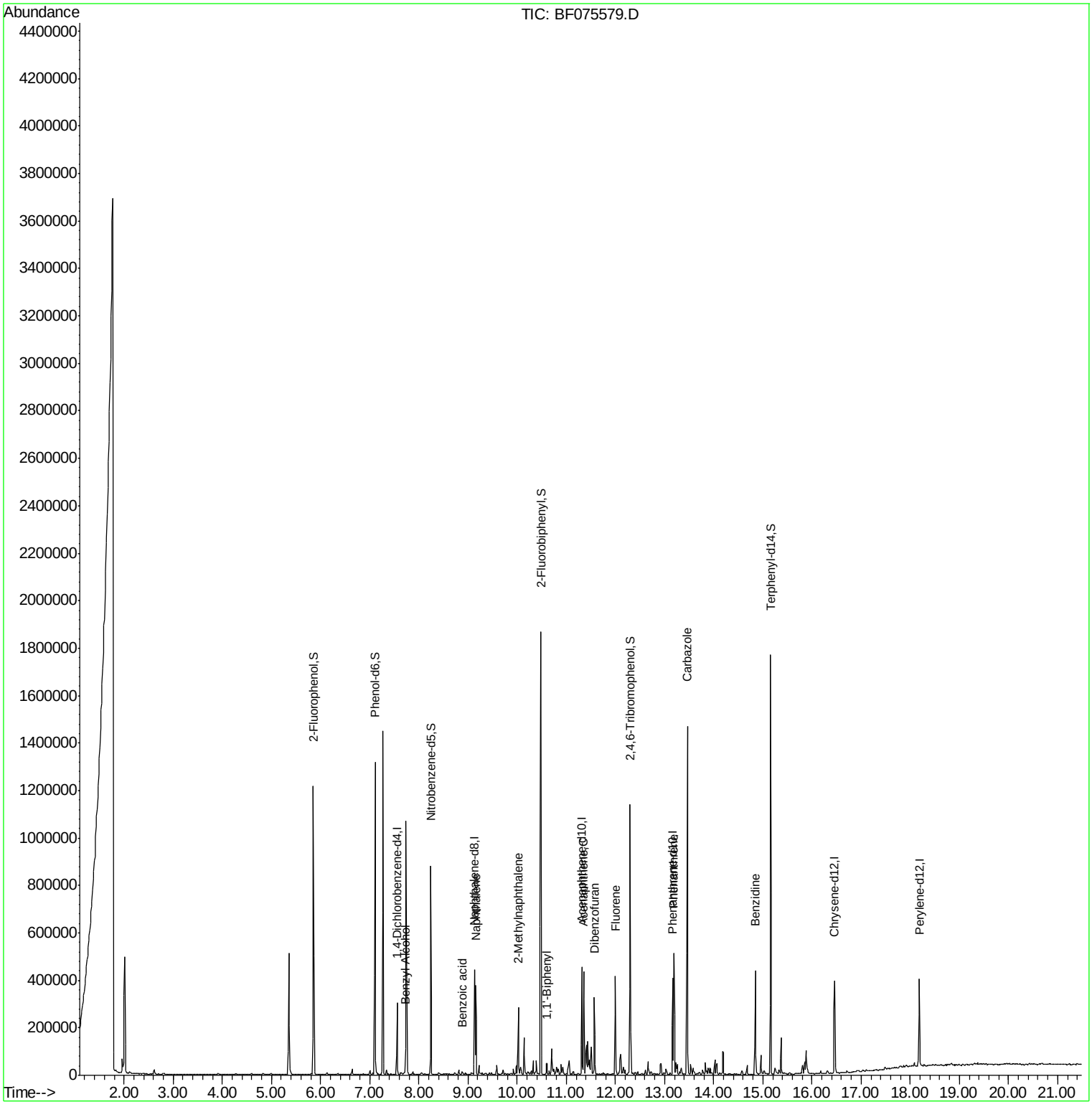
(#) = qualifier out of range (m) = manual integration (+) = signals summed

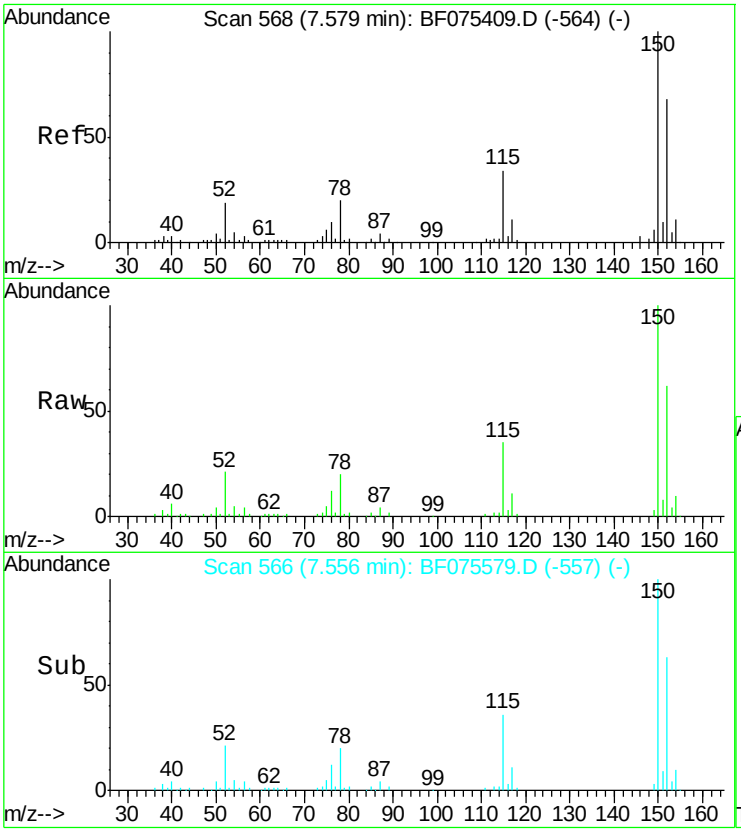
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075579.D
Acq On : 16 Nov 2014 12:39
Operator : TP / JJ
Sample : F4743-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Quant Time: Nov 17 04:37:20 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 04:16:34 2014
Response via : Initial Calibration



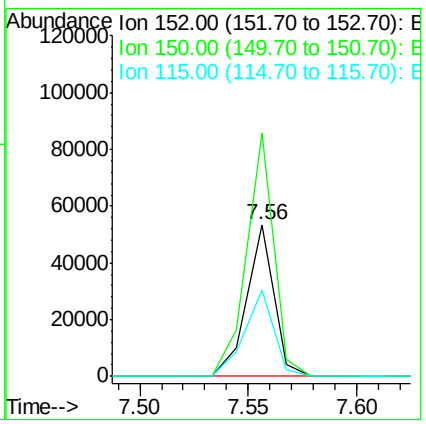


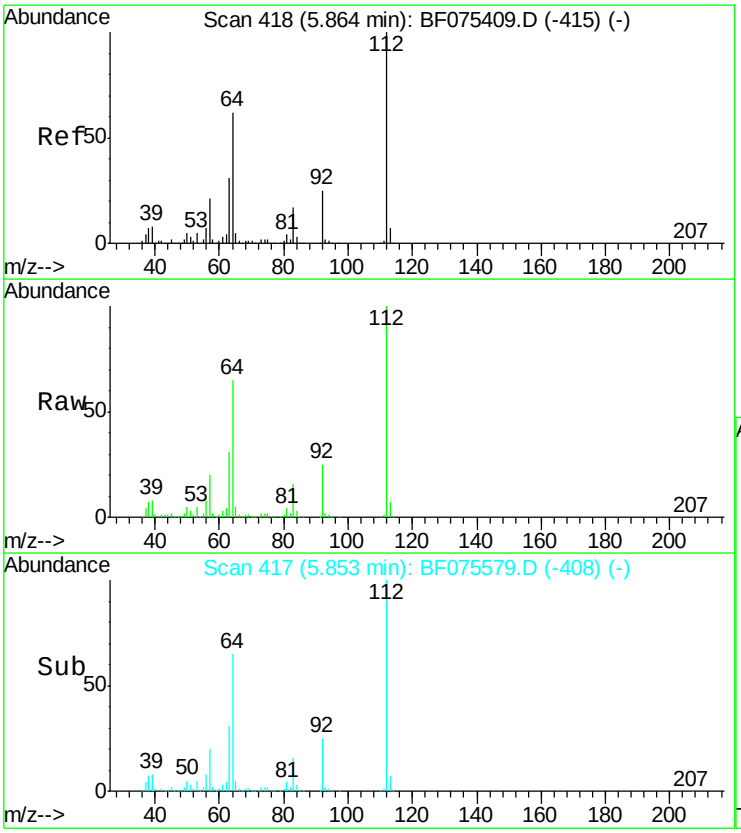
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:152 Resp: 46623

Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.2	190.8
115	56.8	57.1	85.7#

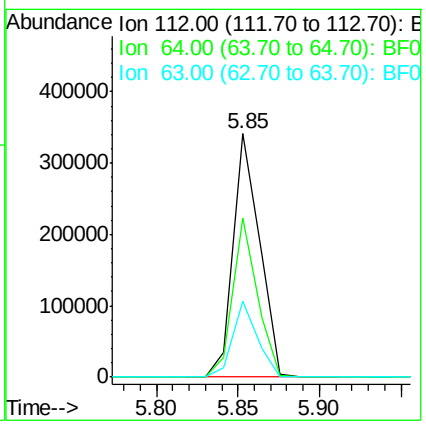


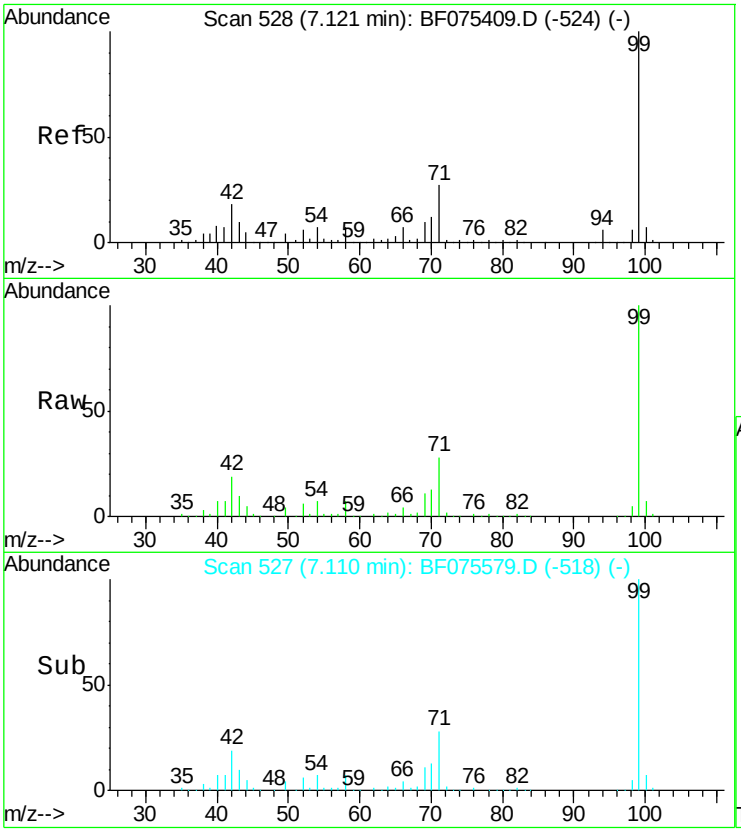


#5
2-Fluorophenol
Concen: 144.12 ng
RT: 5.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:112 Resp: 380354

Ion	Ratio	Lower	Upper
112	100		
64	65.3	45.8	68.6
63	31.3	22.7	34.1



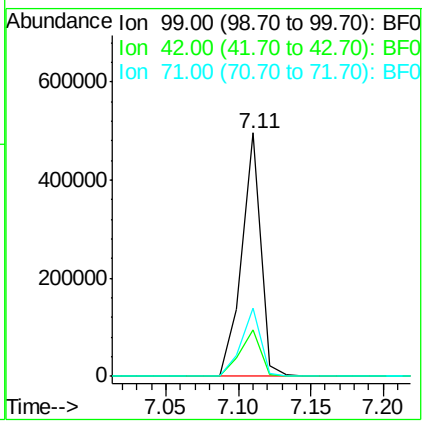


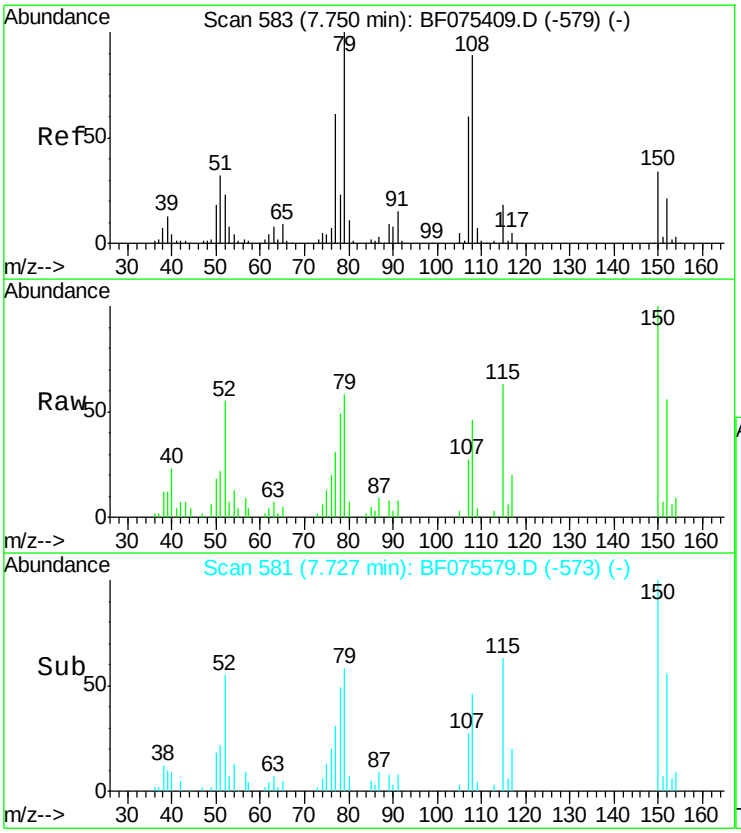
#7
Phenol-d6
Concen: 143.33 ng
RT: 7.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion: 99 Resp: 454868

Ion	Ratio	Lower	Upper
99	100		
42	19.0	19.8	29.6#
71	27.9	25.5	38.3

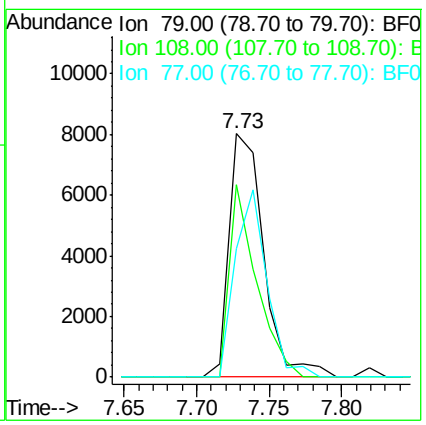


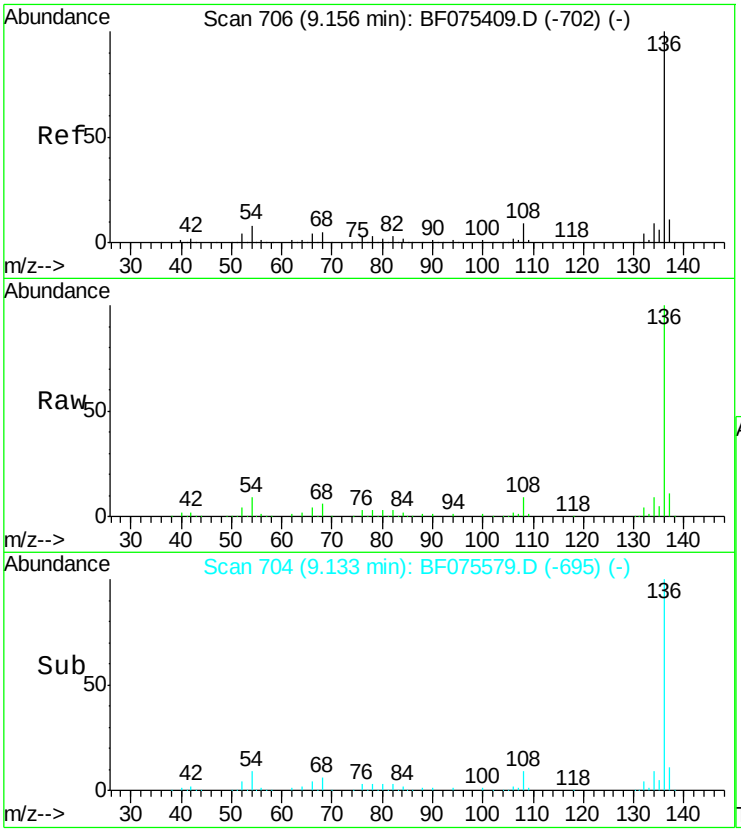


#15
Benzyl Alcohol
Concen: 5.33 ng
RT: 7.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion: 79 Resp: 13291

Ion	Ratio	Lower	Upper
79	100		
108	78.9	75.5	113.3
77	52.9	52.1	78.1



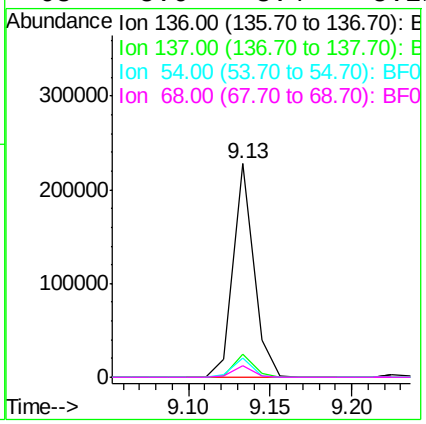


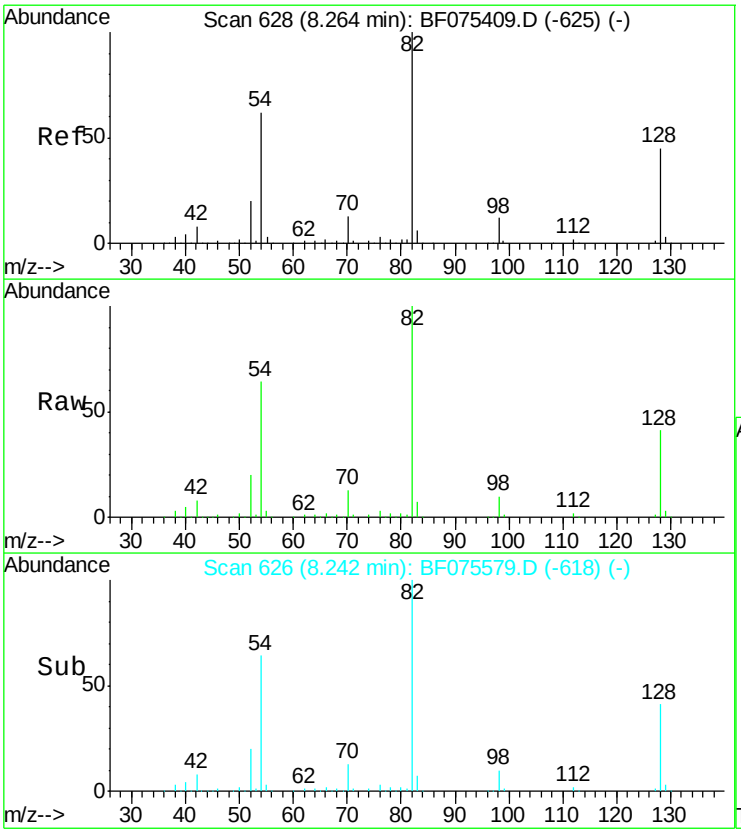
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:136 Resp: 197732

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	8.9	6.2	9.4
68	5.6	3.4	5.2#

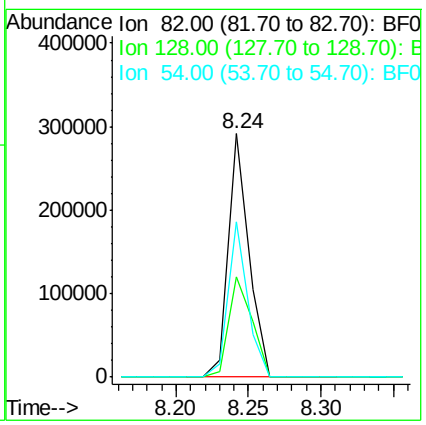


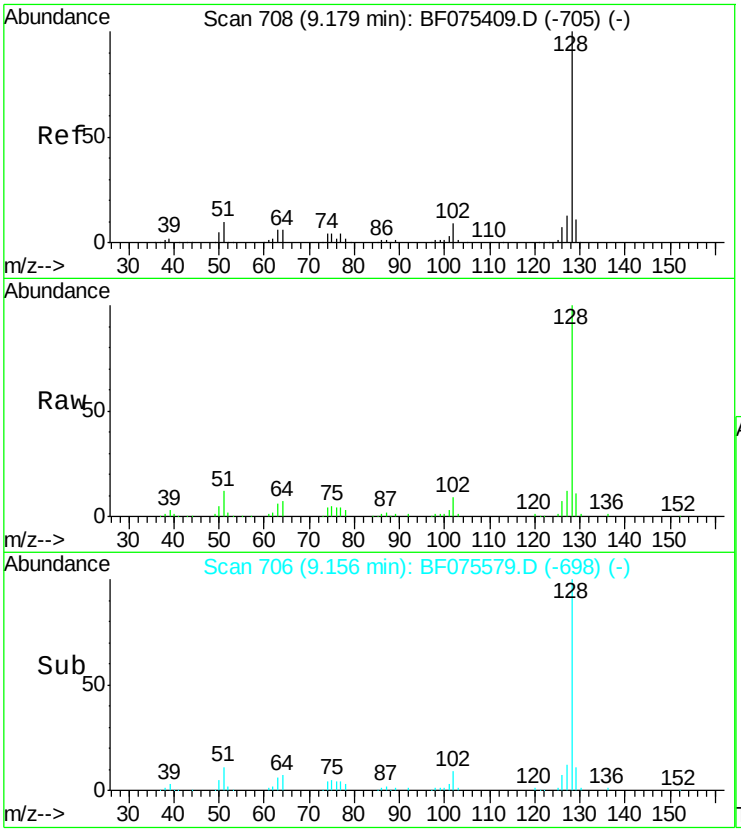


#23
Nitrobenzene-d5
Concen: 106.75 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion: 82 Resp: 287909

Ion	Ratio	Lower	Upper
82	100		
128	41.0	37.8	56.6
54	63.9	49.8	74.8



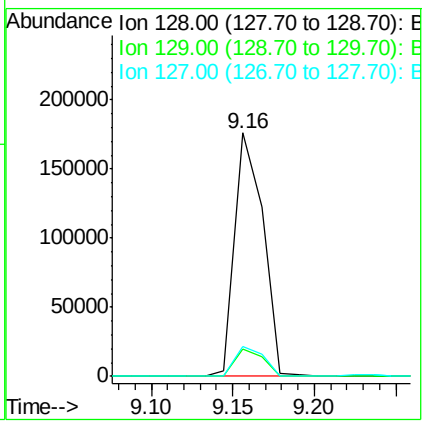


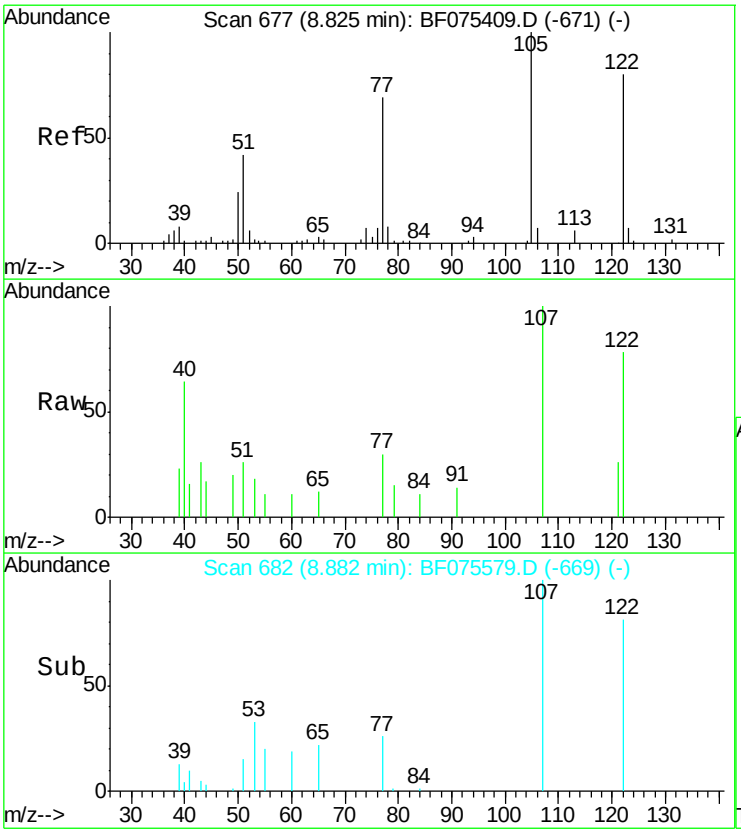
#31
Naphthalene
Concen: 23.90 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:128 Resp: 210678

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.0	10.2	15.4

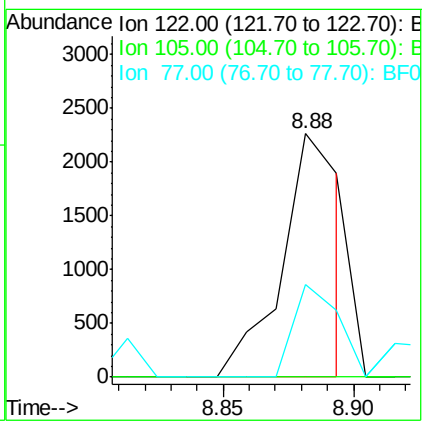


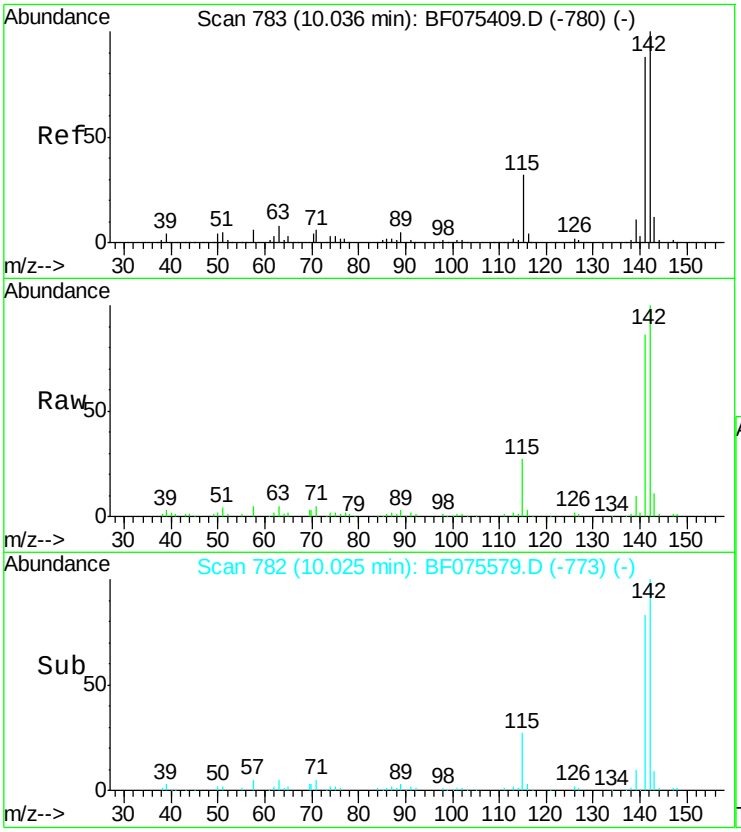


#32
Benzoic acid
Concen: 2.14 ng
RT: 8.88 min Scan# 682
Delta R.T. 0.05 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:122 Resp: 3574

Ion	Ratio	Lower	Upper
122	100		
105	0.0	95.1	135.1#
77	38.3	62.6	102.6#



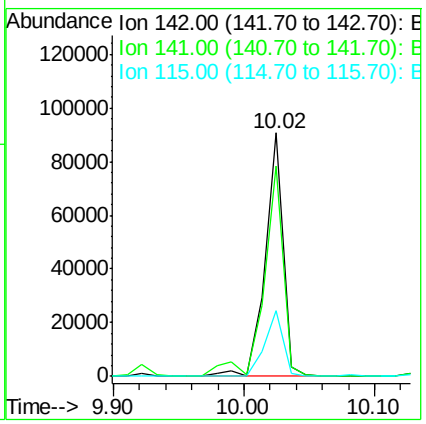


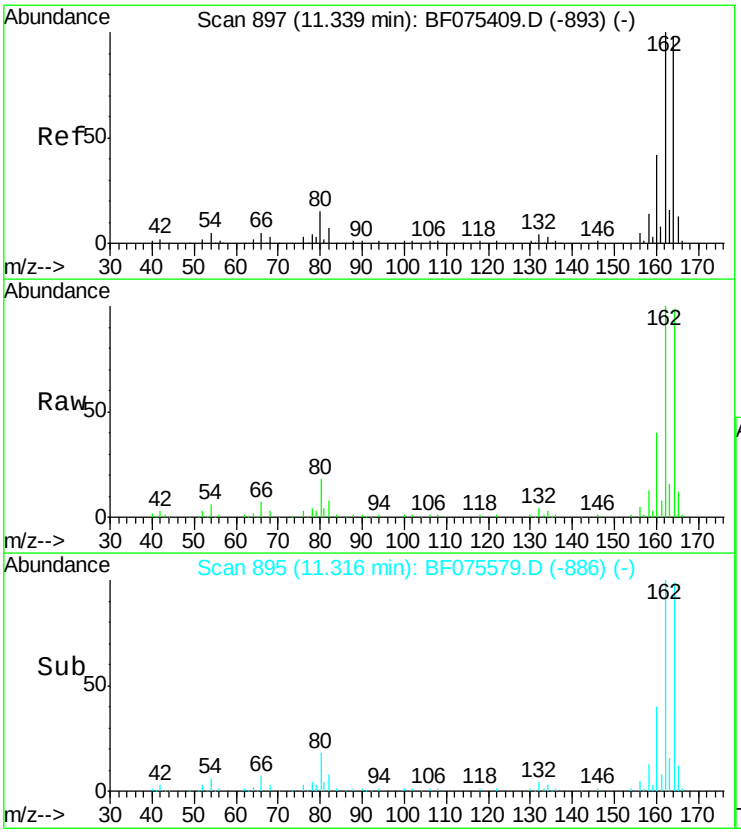
#37
2-Methylnaphthalene
Concen: 14.62 ng
RT: 10.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:142 Resp: 87928

Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.9	104.9
115	27.0	27.6	41.4#

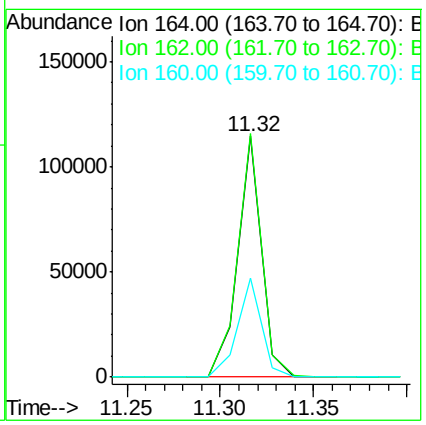


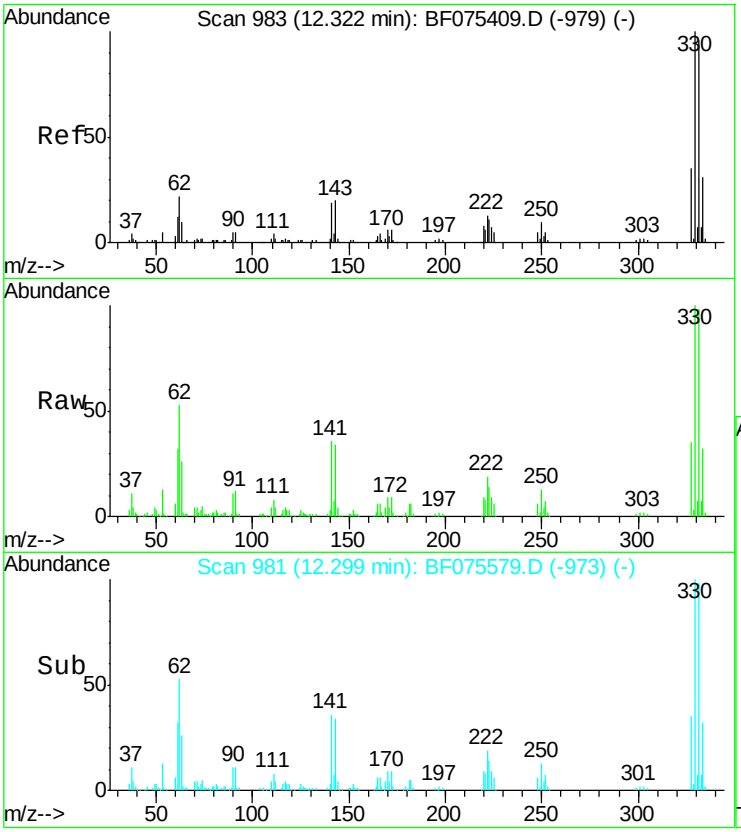


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:164 Resp: 102422

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.1	118.7
160	41.0	34.6	51.8



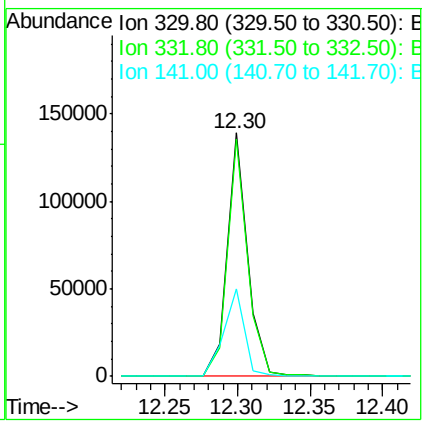


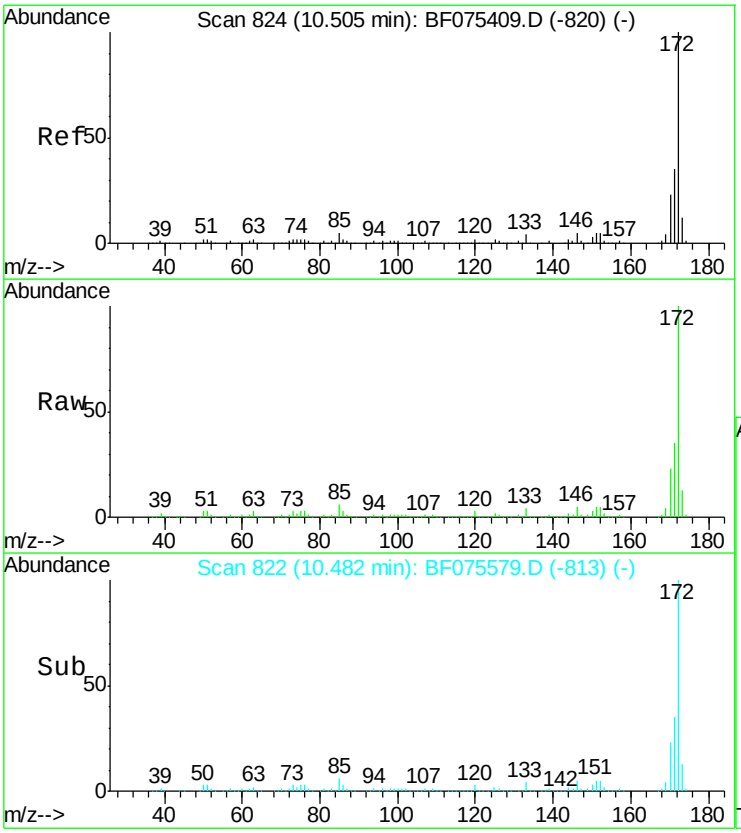
#41
2,4,6-Tribromophenol
Concen: 158.20 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:330 Resp: 135709

Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.5	111.7
141	36.9	30.7	46.1

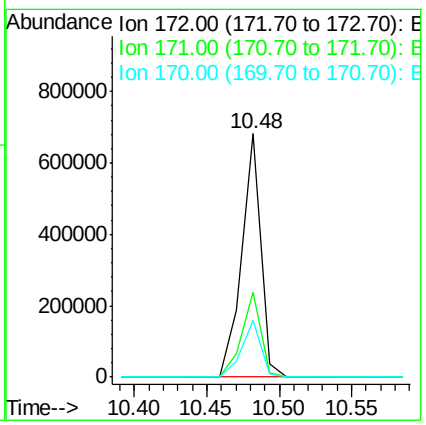


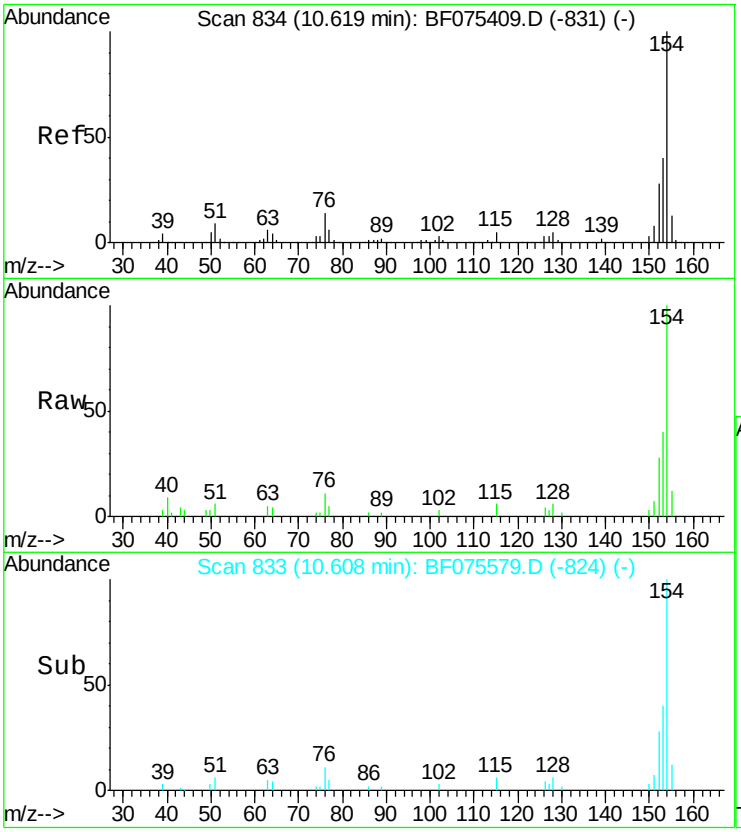


#44
2-Fluorobiphenyl
Concen: 110.14 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:172 Resp: 624271

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.3	40.9
170	23.2	18.4	27.6



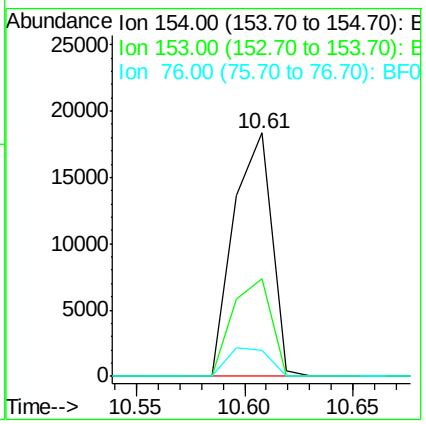


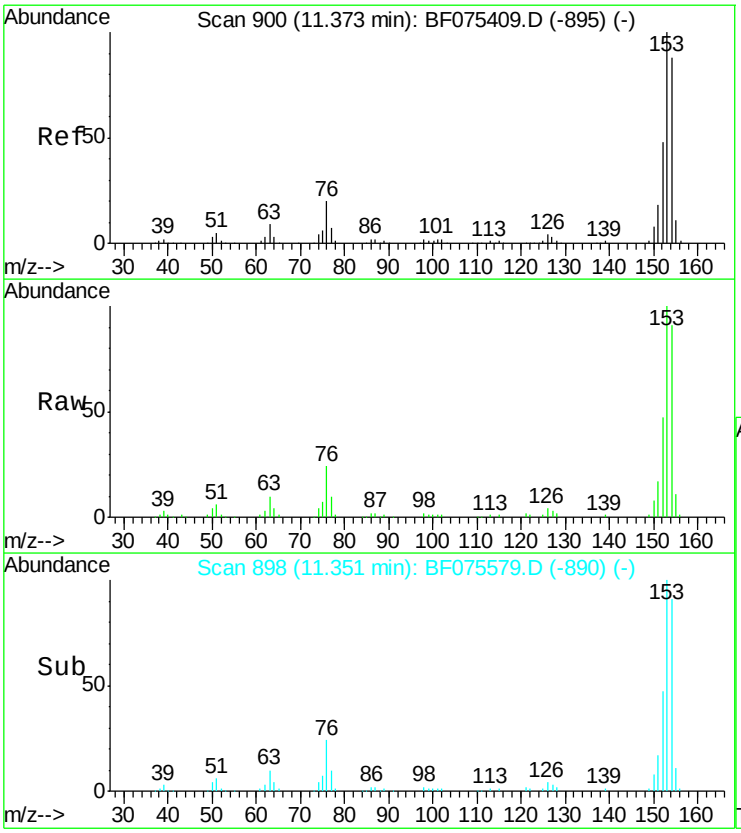
#45
1,1'-Biphenyl
Concen: 3.22 ng
RT: 10.61 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:154 Resp: 22246

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.3	59.3
76	10.9	0.0	35.0

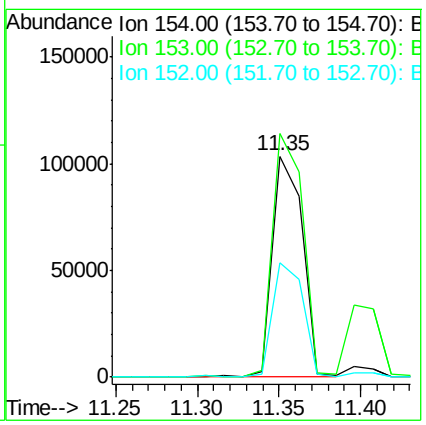


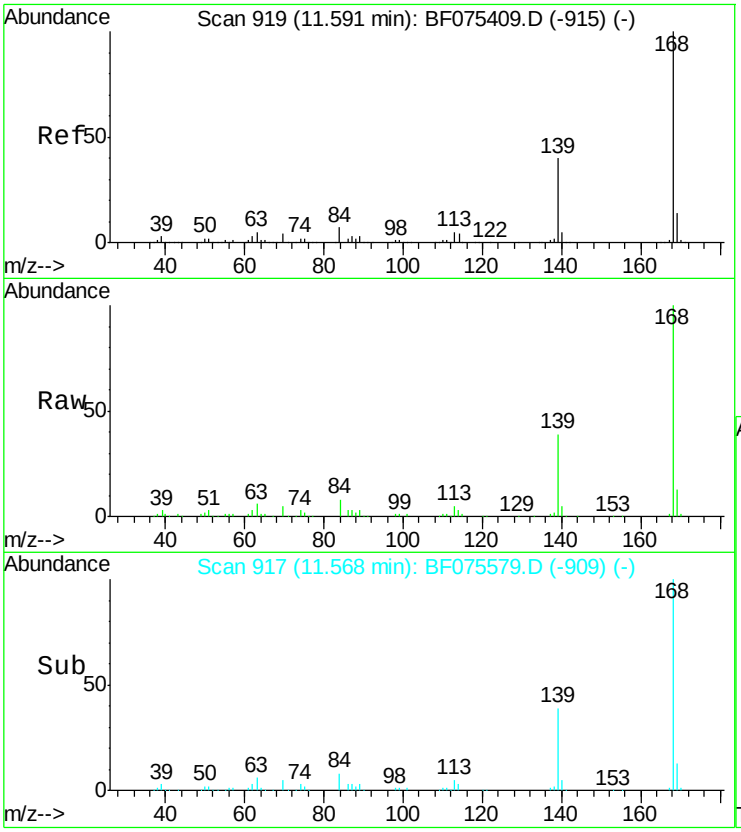


#51
Acenaphthene
Concen: 24.70 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:154 Resp: 132793

Ion	Ratio	Lower	Upper
154	100		
153	110.4	91.2	136.8
152	51.8	43.4	65.0



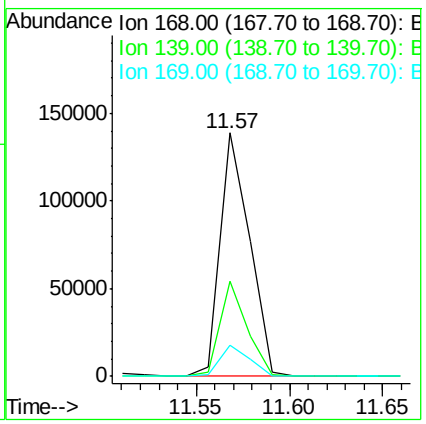


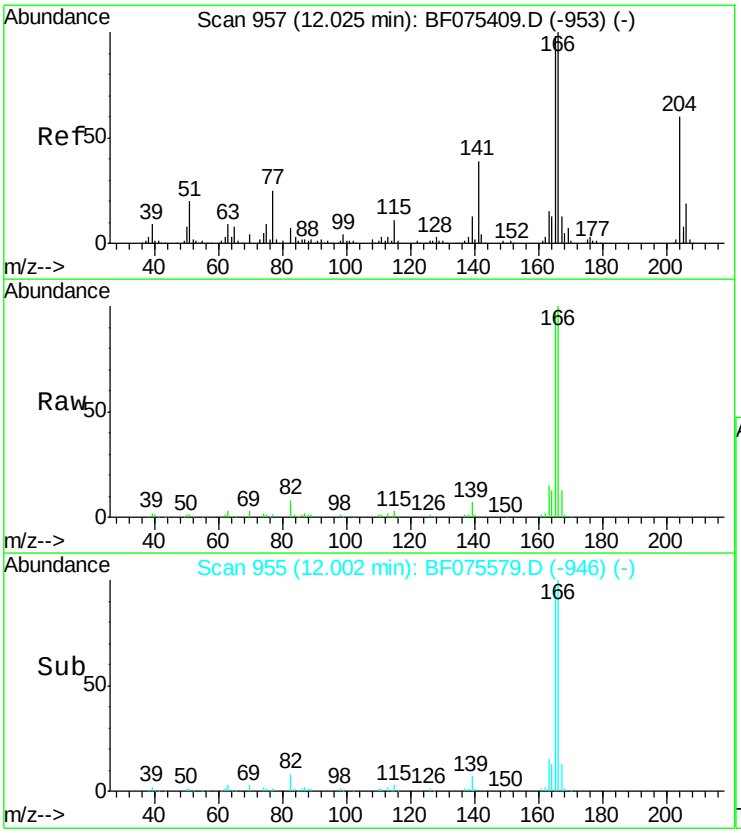
#54
Dibenzofuran
Concen: 19.95 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:168 Resp: 153265

Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.0	49.4
169	13.0	10.8	16.2

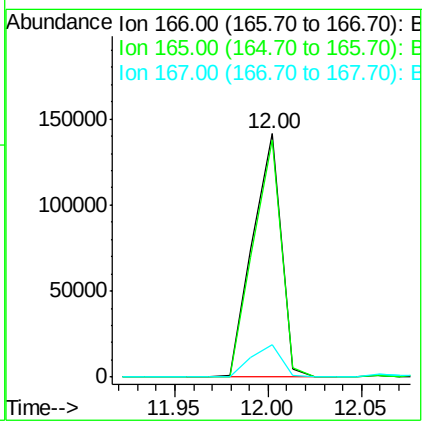


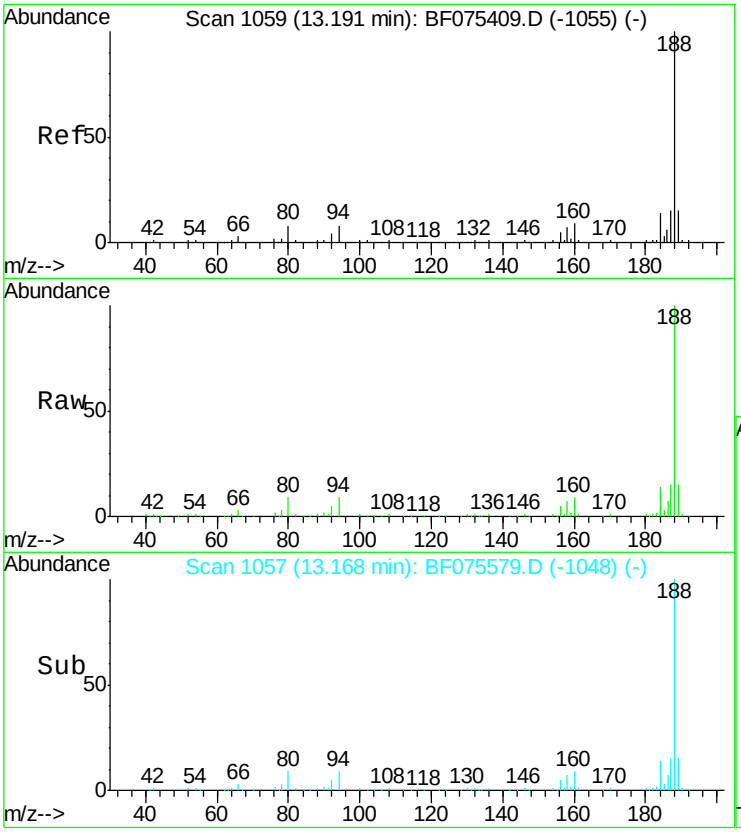


#57
Fluorene
Concen: 24.44 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:166 Resp: 151888

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.8	118.2
167	13.2	10.6	15.8



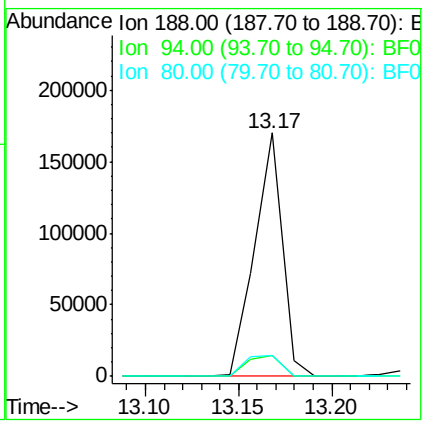


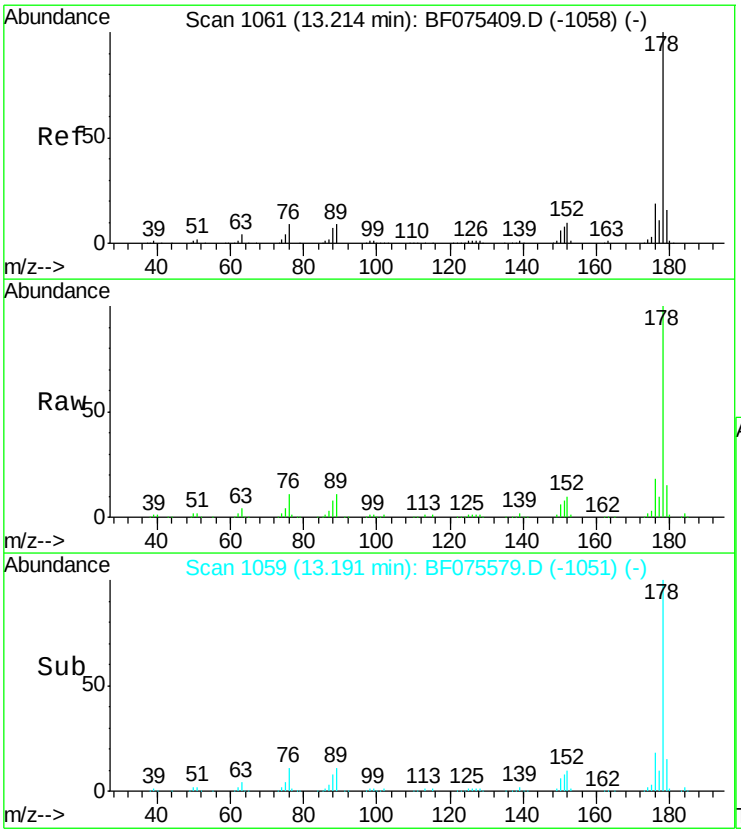
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:188 Resp: 174277

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	8.7	8.0	12.0

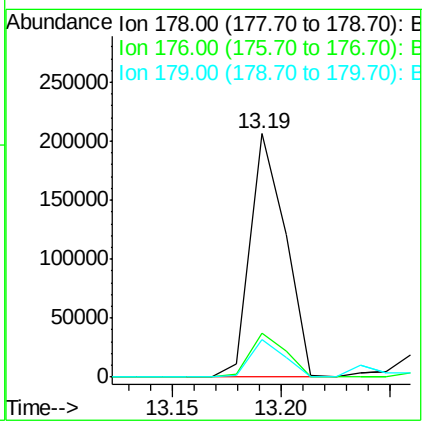


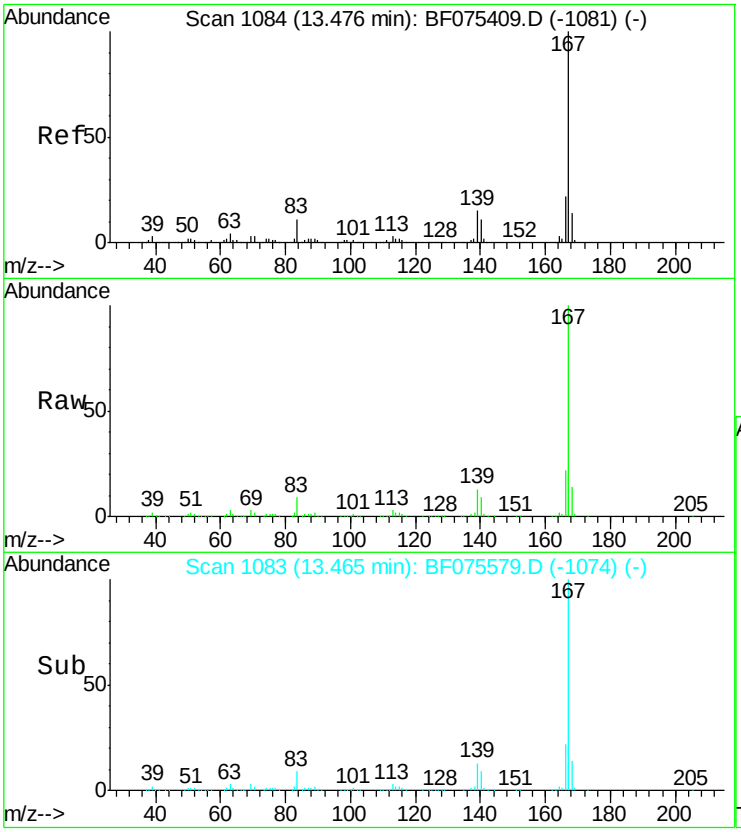


#70
Phenanthrene
Concen: 25.48 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:178 Resp: 233715

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.3	22.9
179	15.2	12.2	18.4



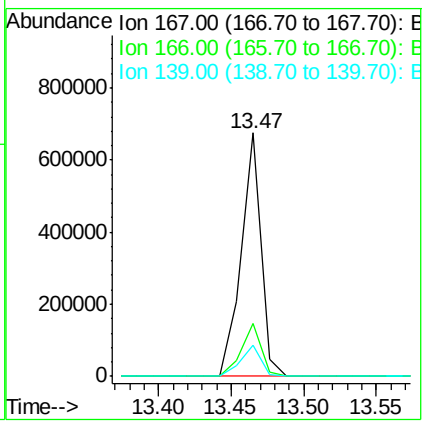


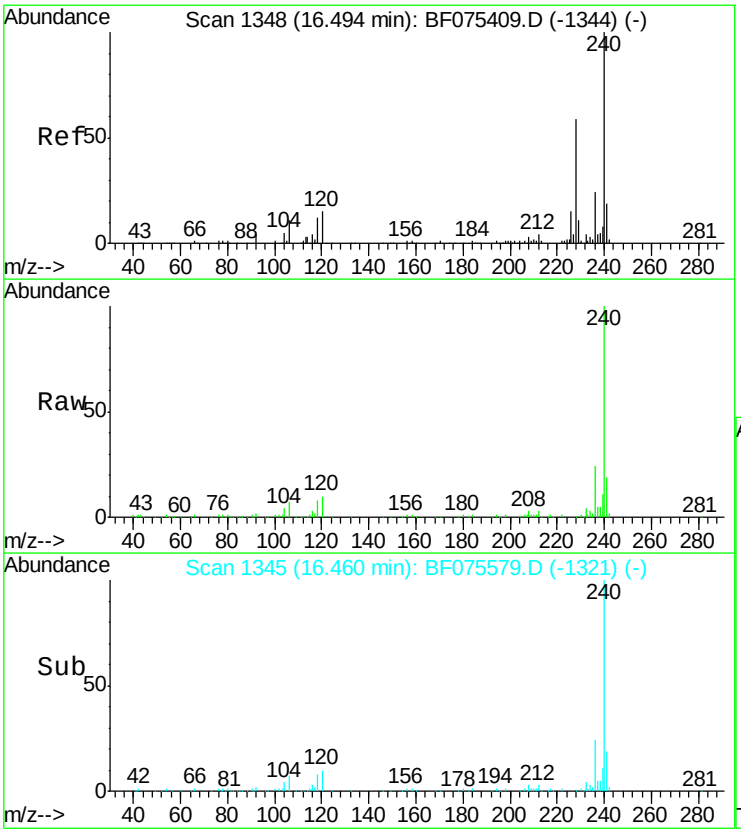
#72
Carbazole
Concen: 69.10 ng
RT: 13.47 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:167 Resp: 640995

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.8	10.1	15.1

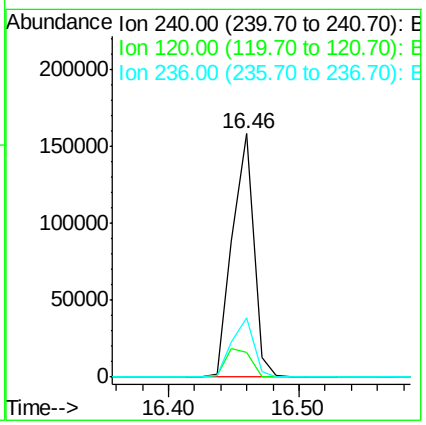


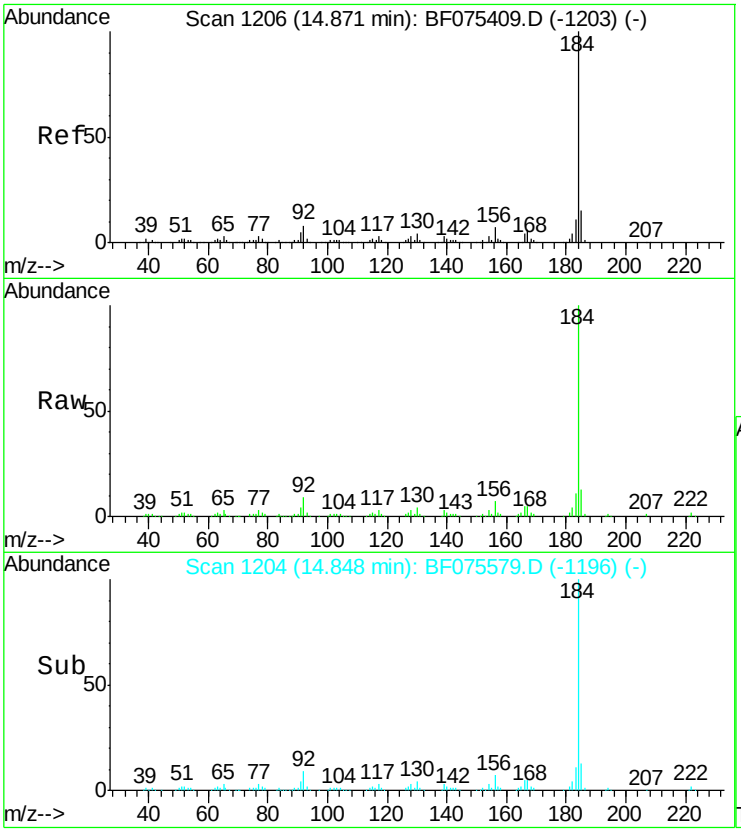


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:240 Resp: 180748

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.6	14.4
236	24.2	18.9	28.3



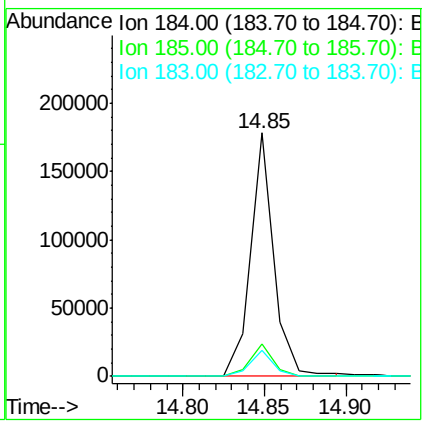


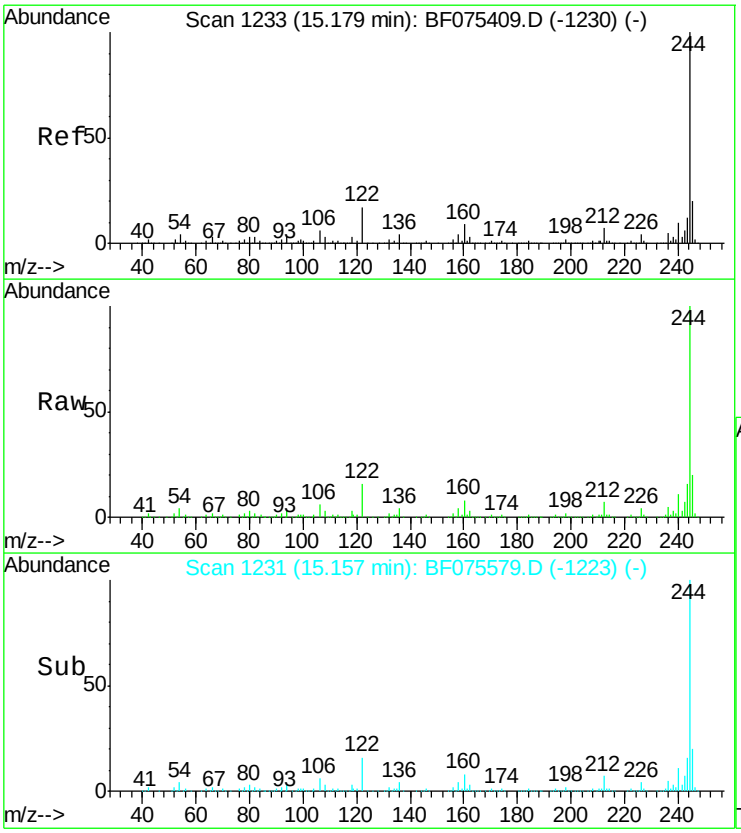
#76
Benzidine
Concen: 30.73 ng
RT: 14.85 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:184 Resp: 176646

Ion	Ratio	Lower	Upper
184	100		
185	13.3	10.9	16.3
183	10.7	8.7	13.1

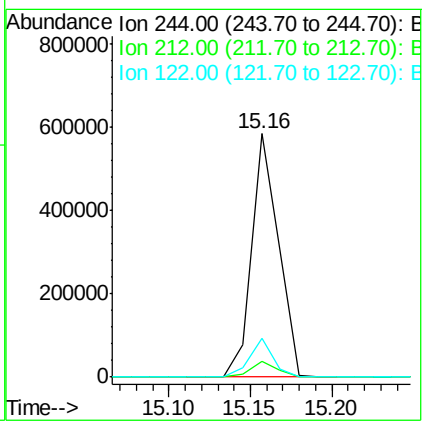


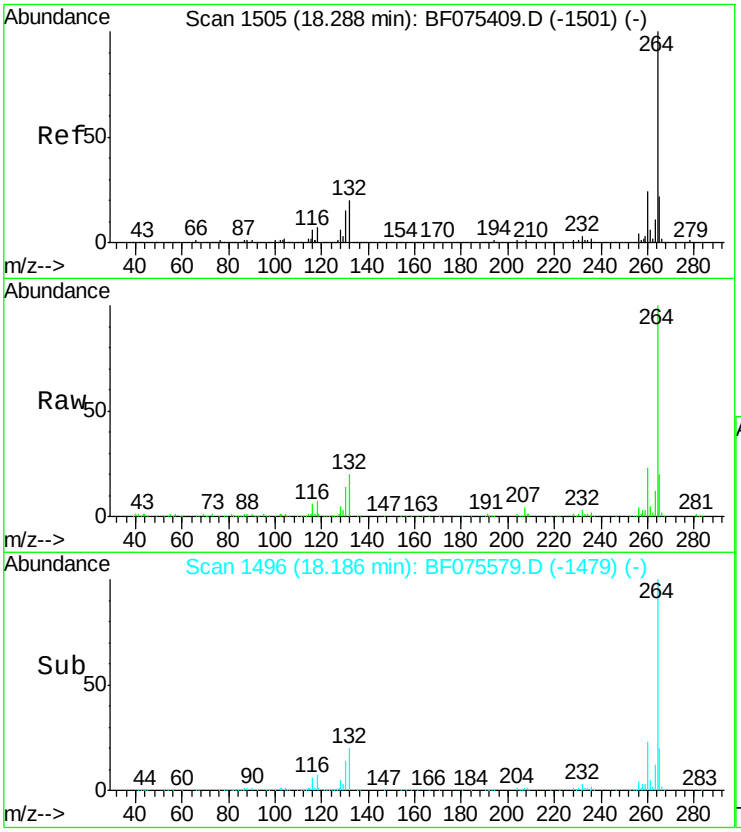


#78
Terphenyl-d14
Concen: 99.15 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Tgt Ion:244 Resp: 665705

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	15.8	9.7	14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. -0.10 min
Lab File: BF075579.D
Acq: 16 Nov 2014 12:39

Instrument :
BNA_F
ClientSampleId :
DCW-WC-038-111214

Tgt Ion:264 Resp: 183203

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	20.4	16.3	24.5