Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075578.D
Acq On : 16 Nov 2014 12:11
Operator : TP / JJ
Sample : F4743-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WC-037-111214

Quant Time: Nov 17 05:00:21 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	44069	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	180367	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	98567	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	162320	20.00	ng		0.00
75) Chrysene-d12	16.46	240	176642	20.00	ng		-0.02
86) Perylene-d12	18.21	264	174863	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	344048	137.92	ng		0.00
7) Phenol-d6	7.11	99	392714	130.91	ng		0.00
23) Nitrobenzene-d5	8.24	82	268332	109.07	ng		-0.01
41) 2,4,6-Tribromophenol	12.30	330	129091	156.37	ng		-0.01
44) 2-Fluorobiphenyl	10.48	172	589546	108.08	ng		0.00
78) Terphenyl-d14	15.16	244	656608	100.07	ng		-0.01
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	7.48	146	9914	3.15	ng		96
13) 1,4-Dichlorobenzene	7.58	146	31395	9.81	ng		96
14) 1,2-Dichlorobenzene	7.76	146	1115262	371.60	ng		99
15) Benzyl Alcohol	7.73	79	16756	7.12	ng		88
30) 1,2,4-Trichlorobenzene	9.06	180	435209	187.90	ng	#	95
31) Naphthalene	9.17	128	36806	4.58	ng		99
37) 2-Methylnaphthalene	10.02	142	18597	3.39	ng		97
45) 1,1'-Biphenyl	10.61	154	18054	2.72	ng		90
51) Acenaphthene	11.35	154	12666	2.45	ng		96
54) Dibenzofuran	11.57	168	43090	5.83	ng		97
57) Fluorene	12.00	166	67438	11.28	ng		99
70) Phenanthrene	13.19	178	71941	8.42	ng		98
72) Carbazole	13.47	167	604152	69.93	ng		99

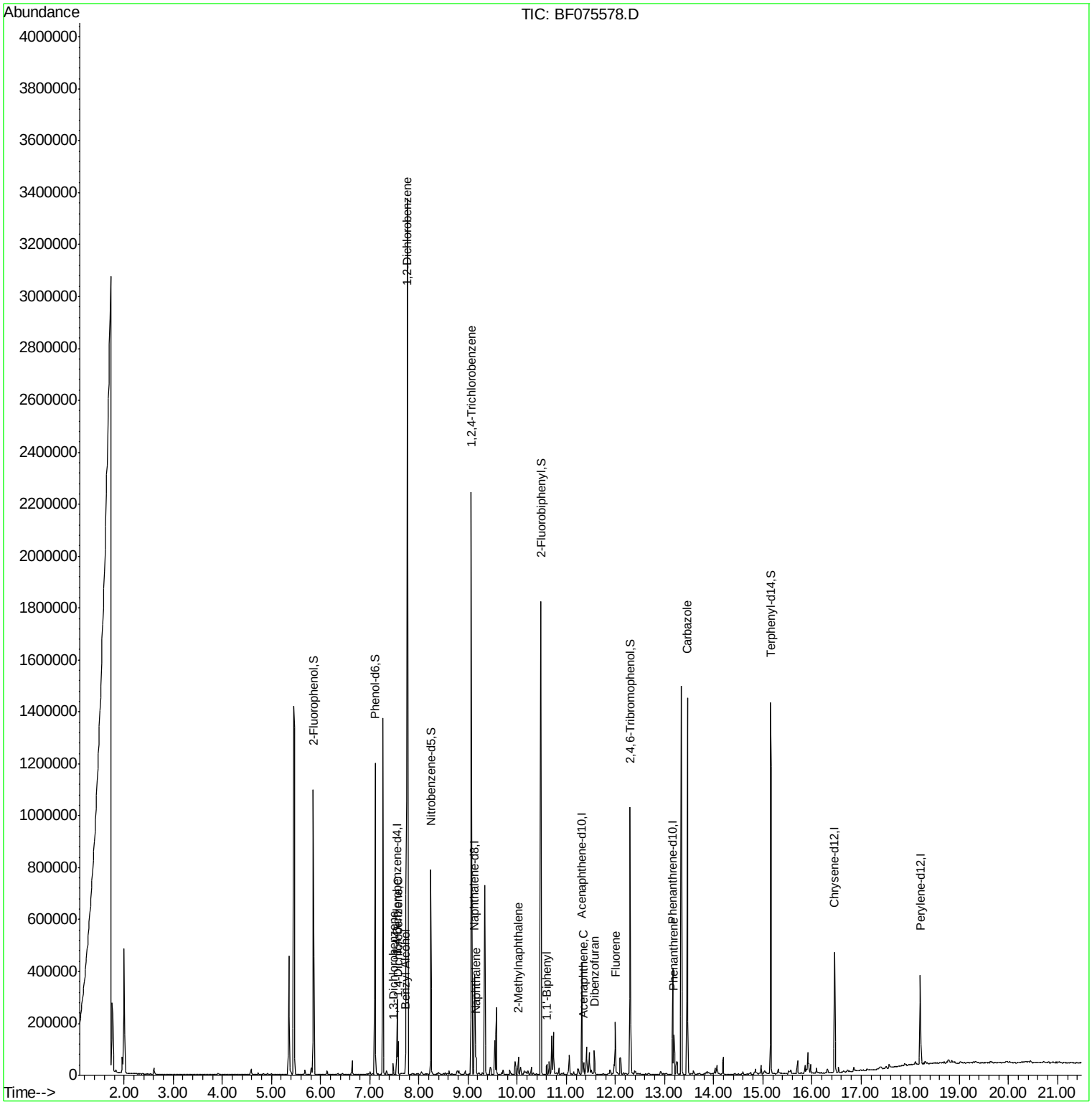
(#) = qualifier out of range (m) = manual integration (+) = signals summed

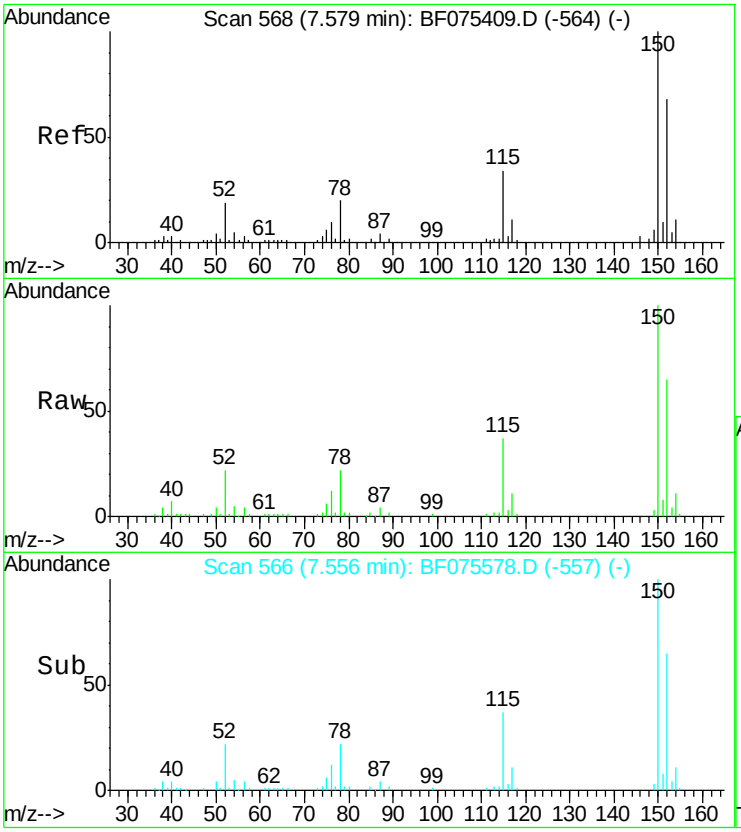
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075578.D
Acq On : 16 Nov 2014 12:11
Operator : TP / JJ
Sample : F4743-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Quant Time: Nov 17 05:00:21 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



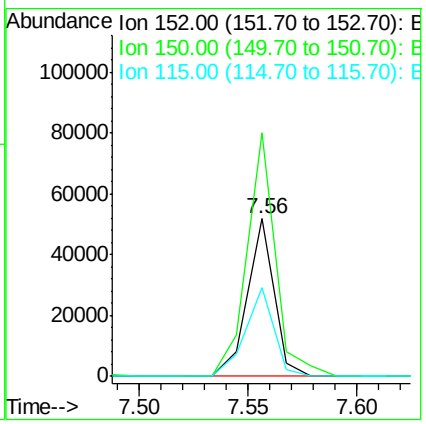


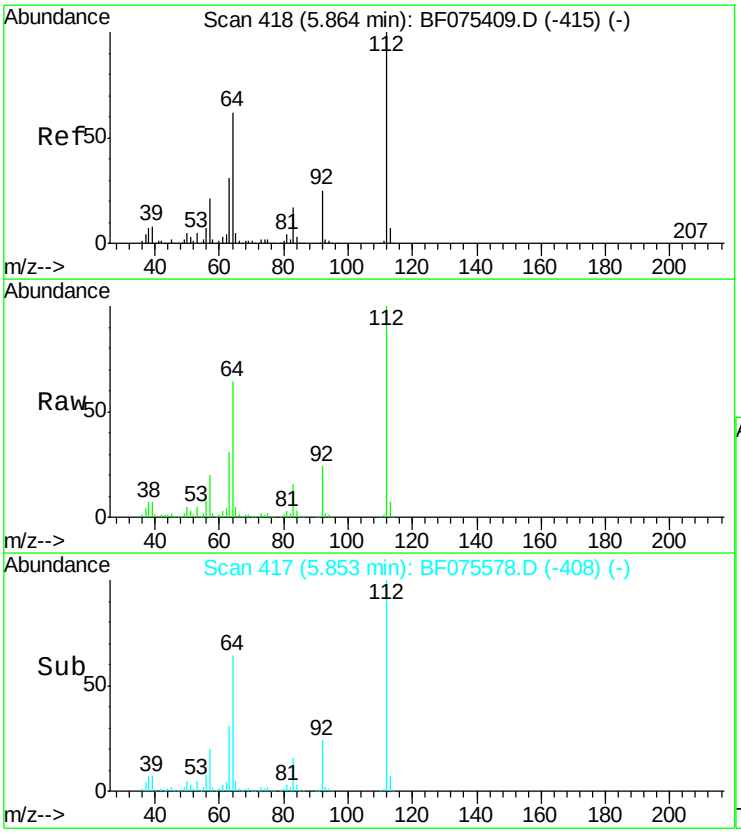
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:152 Resp: 44069

Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.2	190.8
115	56.5	57.1	85.7#

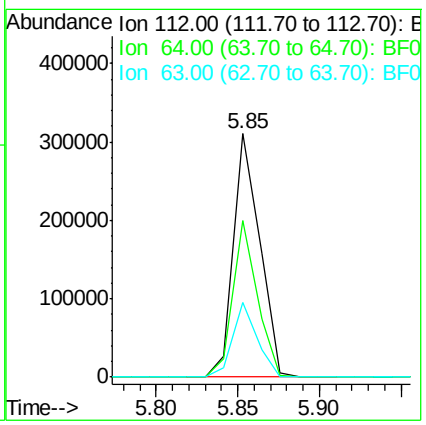


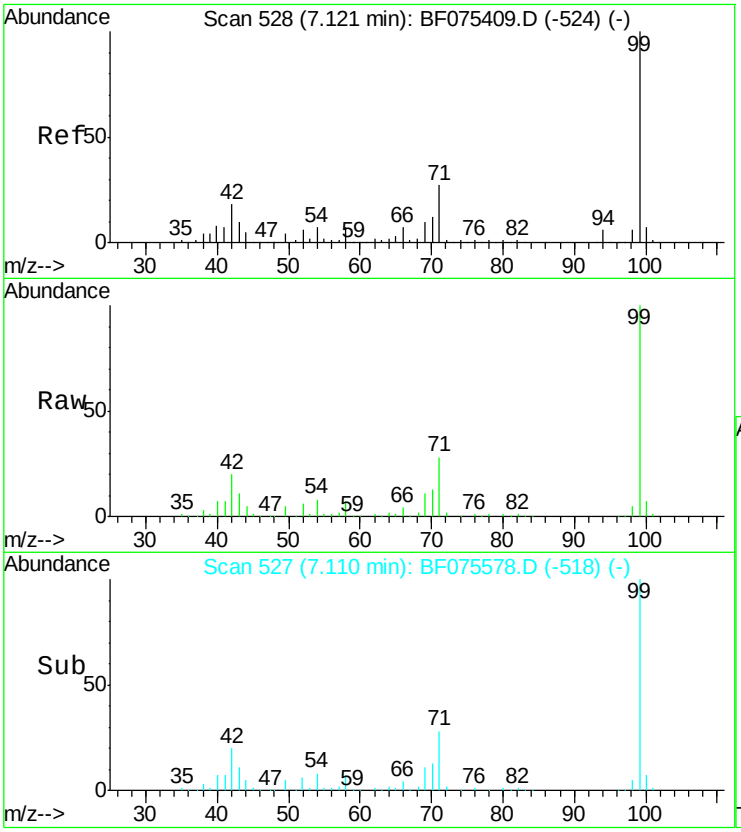


#5
2-Fluorophenol
Concen: 137.92 ng
RT: 5.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:112 Resp: 344048

Ion	Ratio	Lower	Upper
112	100		
64	64.5	45.8	68.6
63	30.5	22.7	34.1



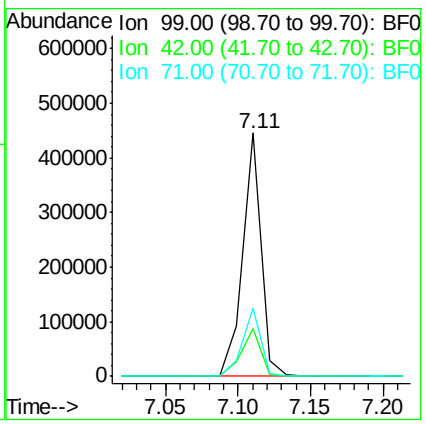


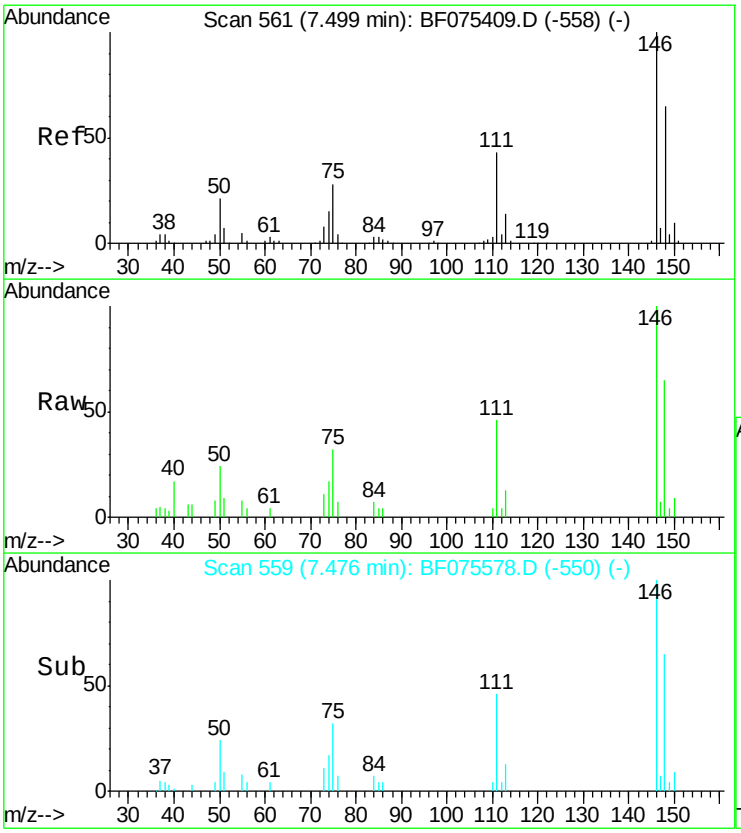
#7
Phenol-d6
Concen: 130.91 ng
RT: 7.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion: 99 Resp: 392714

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.8	29.6
71	28.2	25.5	38.3

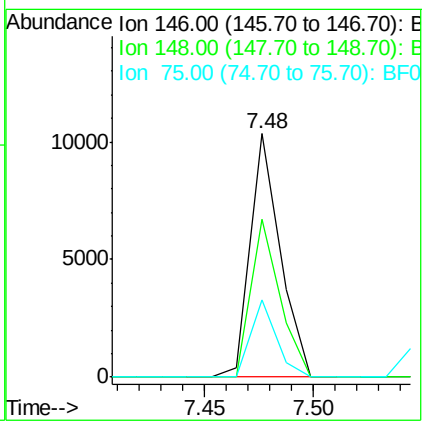


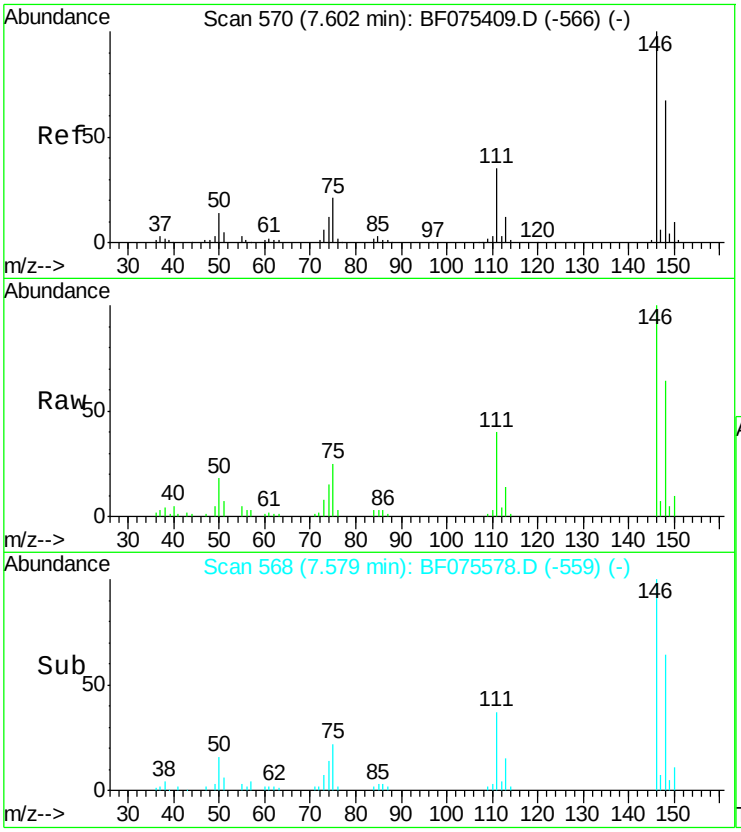


#12
1,3-Dichlorobenzene
Concen: 3.15 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:146 Resp: 9914

Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.1	79.7
75	31.7	21.5	32.3



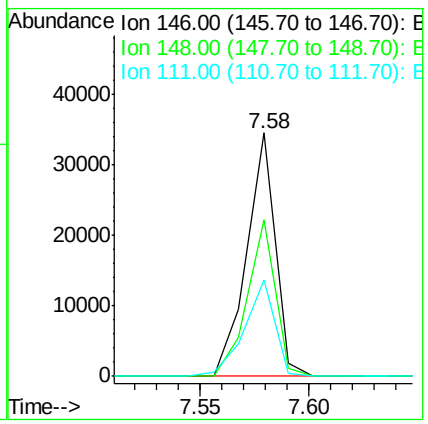


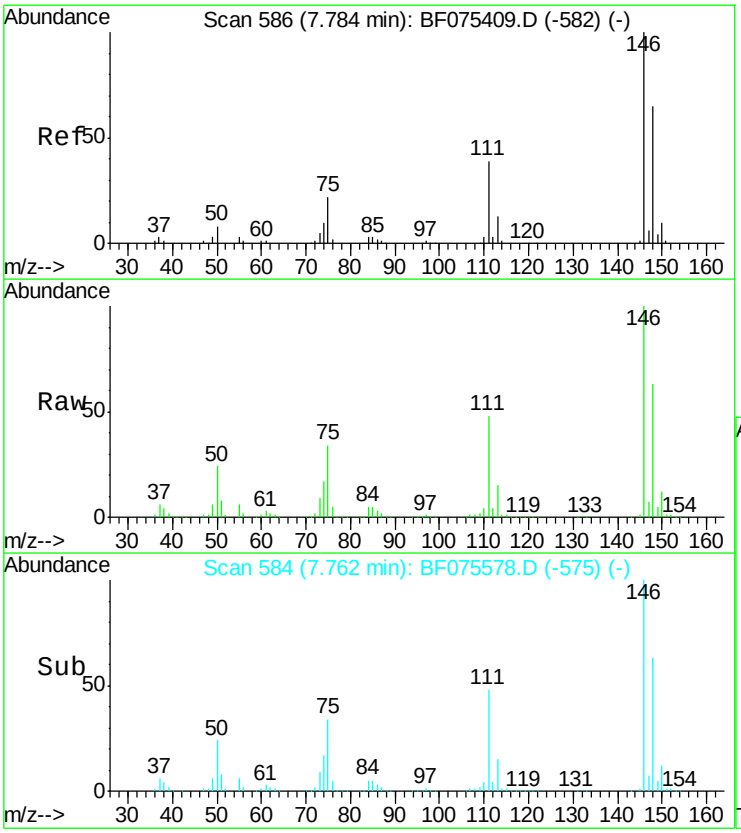
#13
1,4-Dichlorobenzene
Concen: 9.81 ng
RT: 7.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:146 Resp: 31395

Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.9	74.9
111	39.8	35.8	53.6

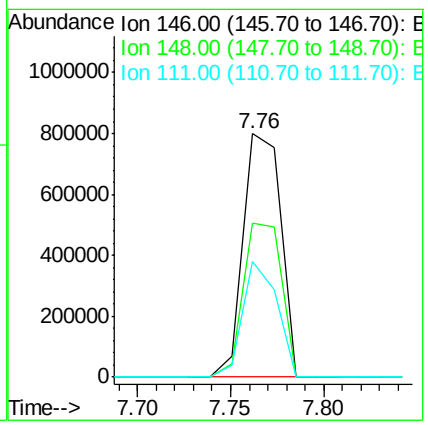


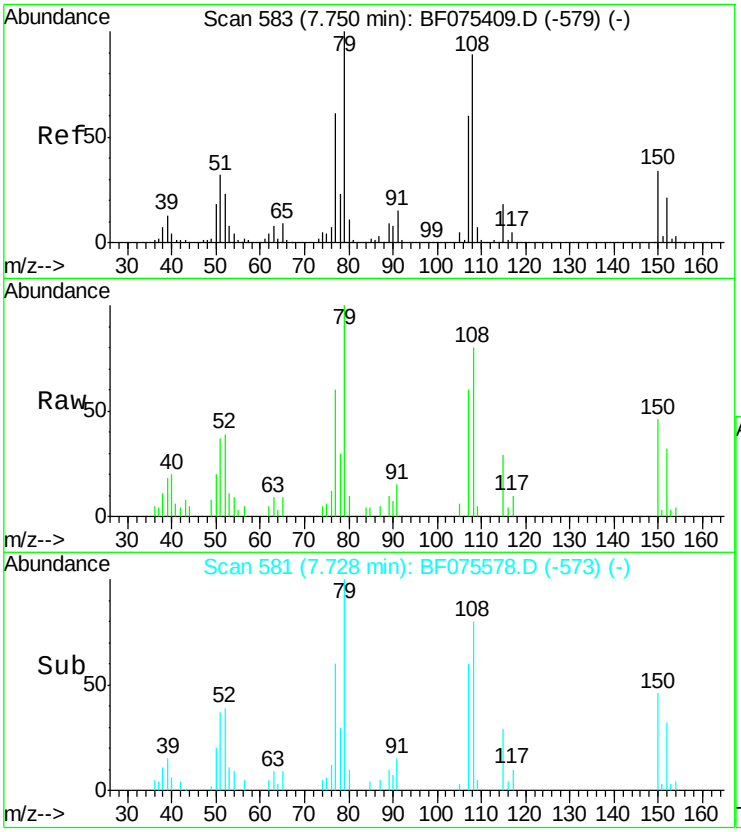


#14
1,2-Dichlorobenzene
Concen: 371.60 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:146 Resp: 1115262

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	47.6	39.9	59.9



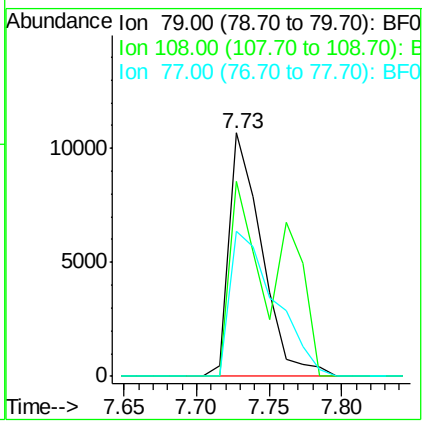


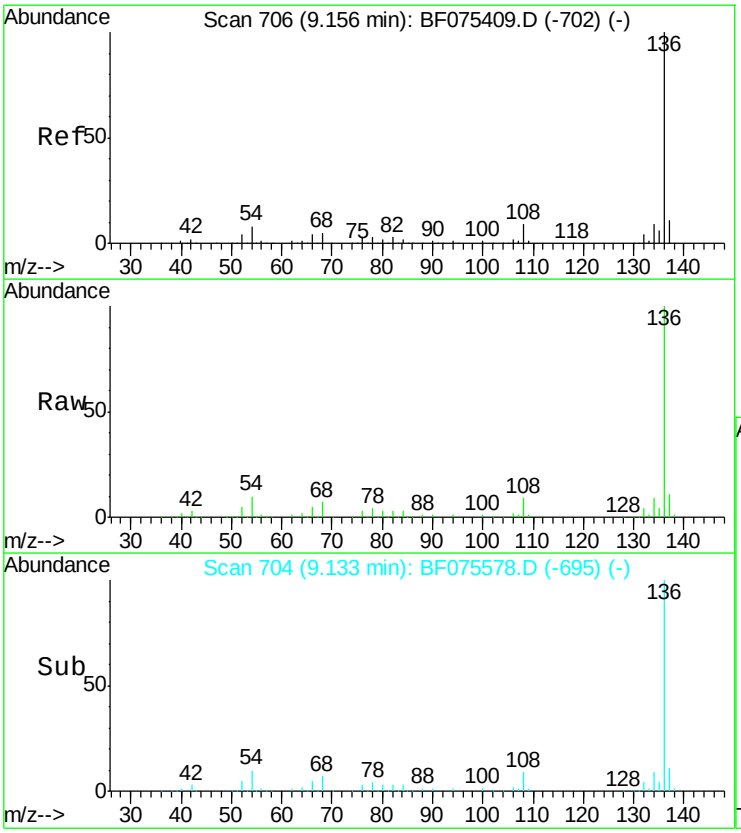
#15
Benzyl Alcohol
Concen: 7.12 ng
RT: 7.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion: 79 Resp: 16756

Ion	Ratio	Lower	Upper
79	100		
108	80.0	75.5	113.3
77	59.7	52.1	78.1

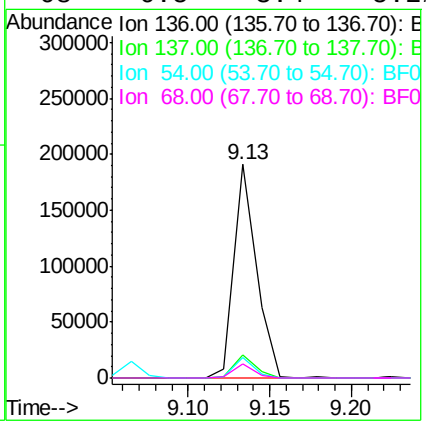


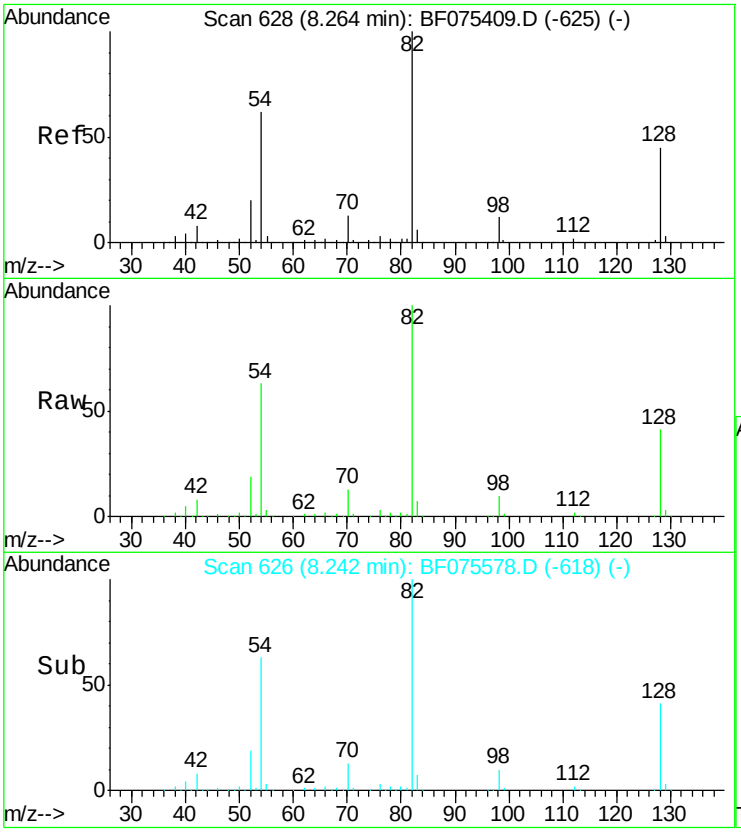


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:136 Resp: 180367

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	9.9	6.2	9.4#
68	6.5	3.4	5.2#



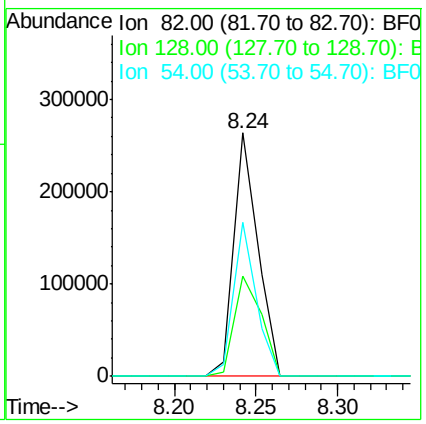


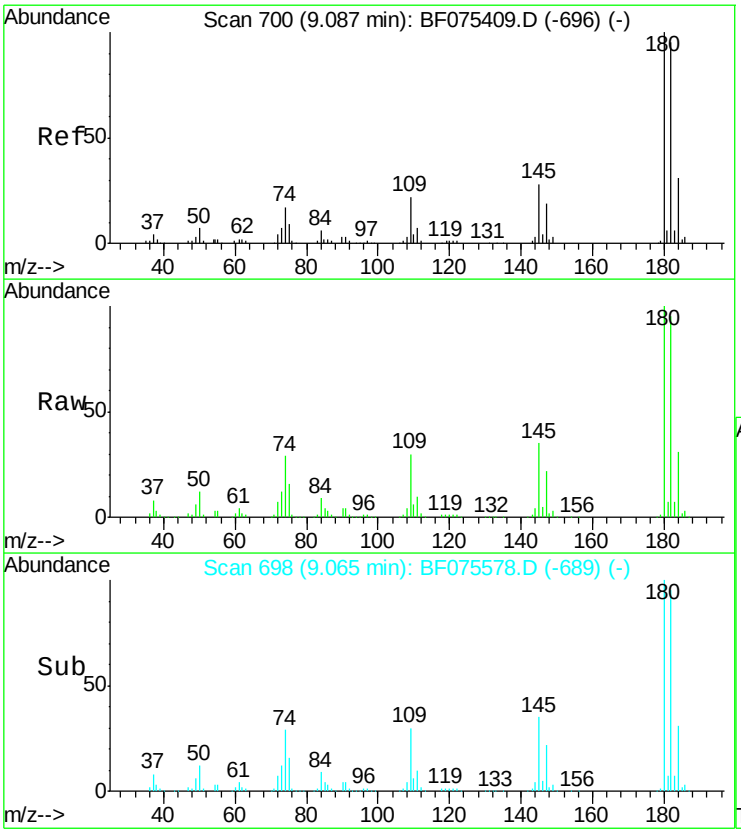
#23
Nitrobenzene-d5
Concen: 109.07 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion: 82 Resp: 268332

Ion	Ratio	Lower	Upper
82	100		
128	41.3	37.8	56.6
54	63.2	49.8	74.8

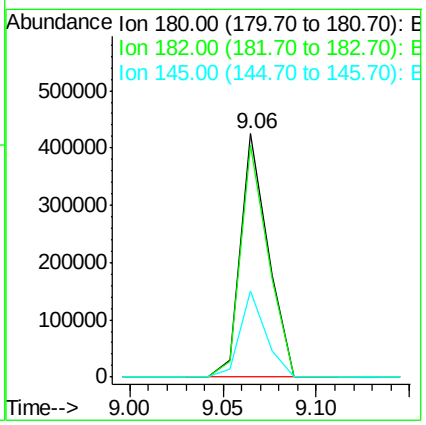


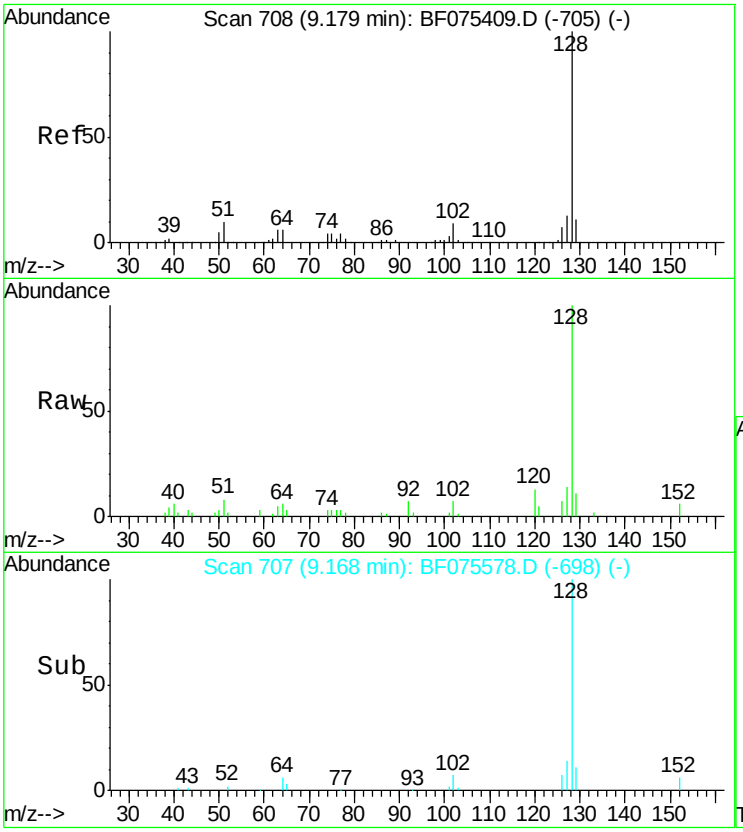


#30
1,2,4-Trichlorobenzene
Concen: 187.90 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:180 Resp: 435209

Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.4	117.6
145	35.3	22.3	33.5#



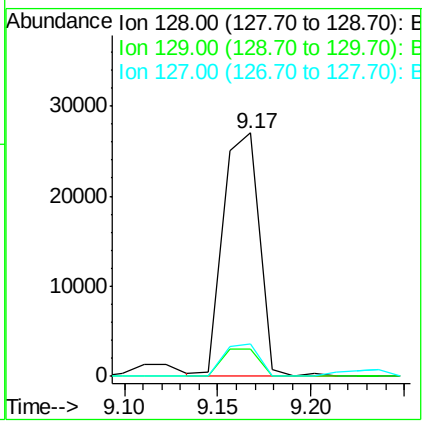


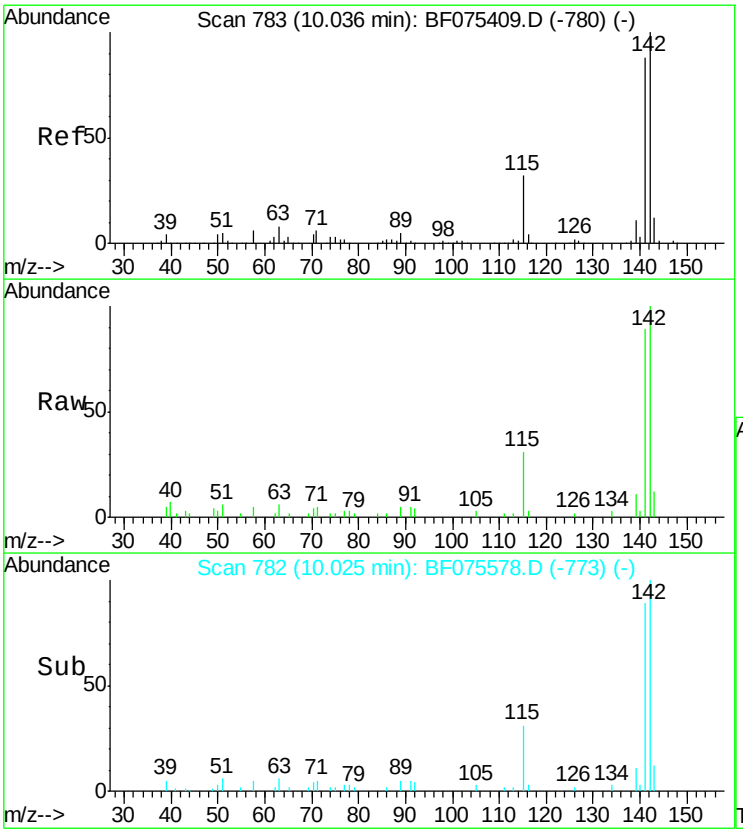
#31
Naphthalene
Concen: 4.58 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:128 Resp: 36806

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.6	10.2	15.4

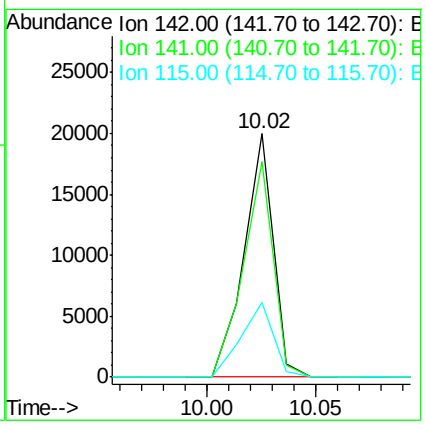


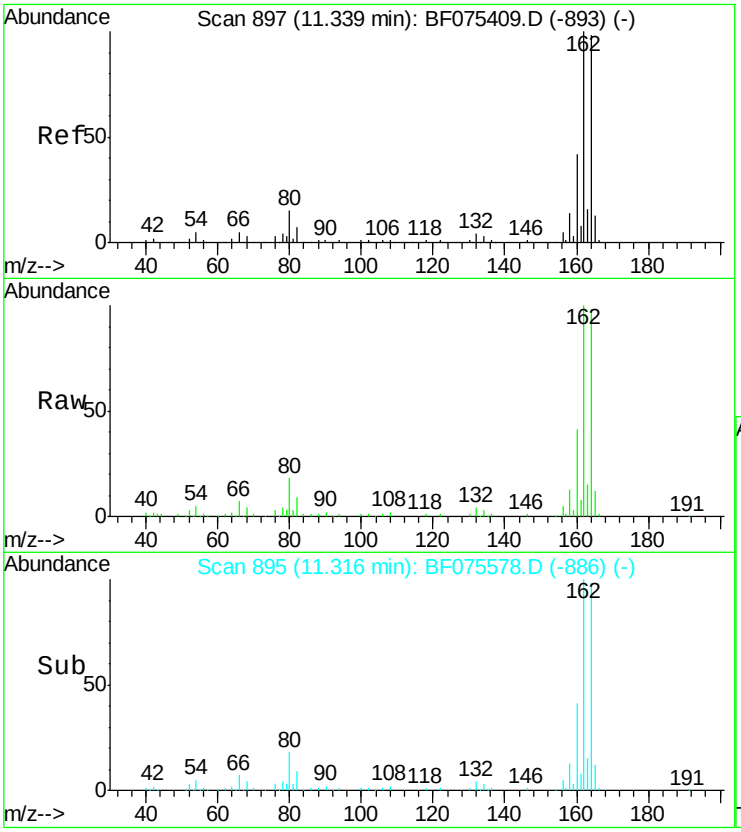


#37
2-Methylnaphthalene
Concen: 3.39 ng
RT: 10.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:142 Resp: 18597

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.9	104.9
115	30.8	27.6	41.4



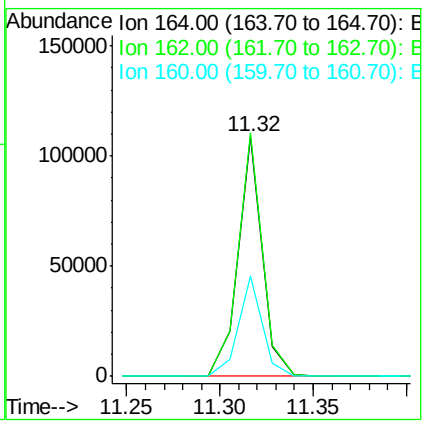


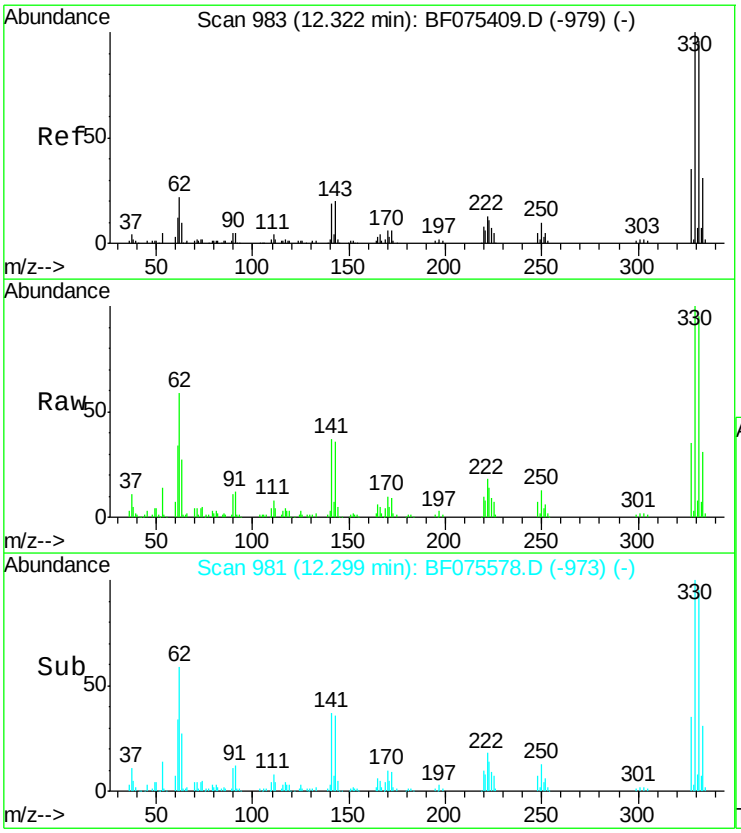
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:164 Resp: 98567

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.1	118.7
160	42.1	34.6	51.8

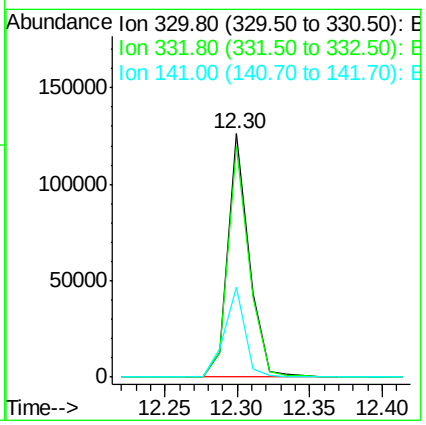


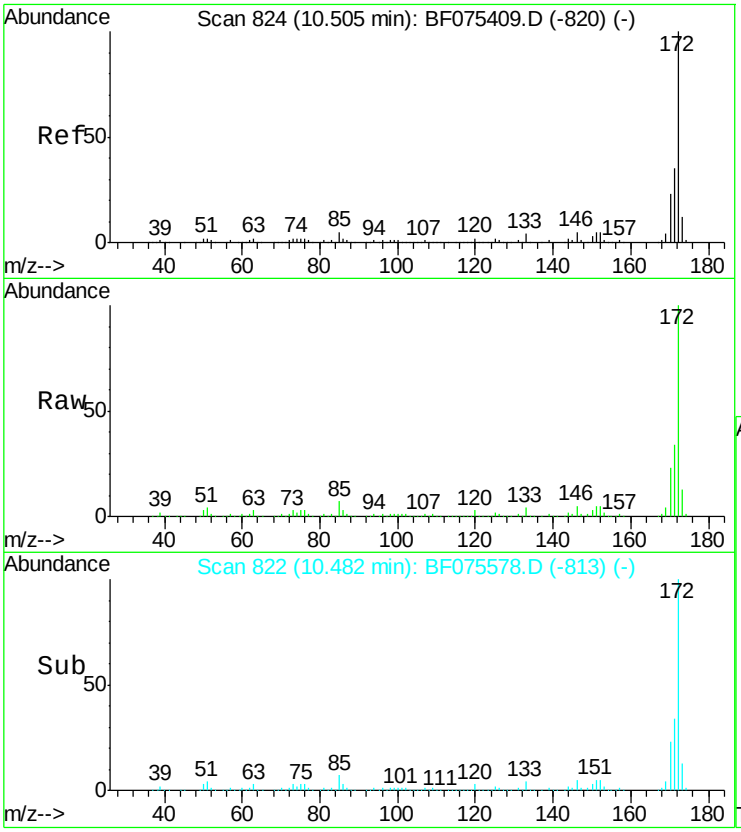


#41
2,4,6-Tribromophenol
Concen: 156.37 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:330 Resp: 129091

Ion	Ratio	Lower	Upper
330	100		
332	94.8	74.5	111.7
141	35.6	30.7	46.1



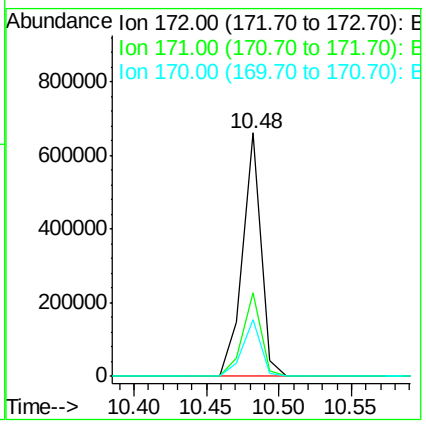


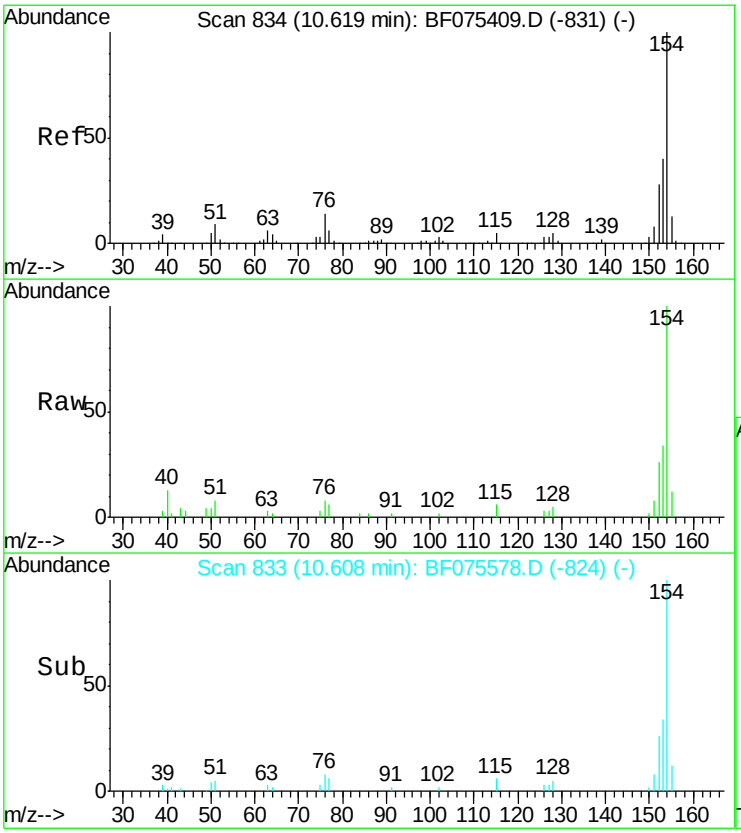
#44
2-Fluorobiphenyl
Concen: 108.08 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:172 Resp: 589546

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.3	40.9
170	23.4	18.4	27.6

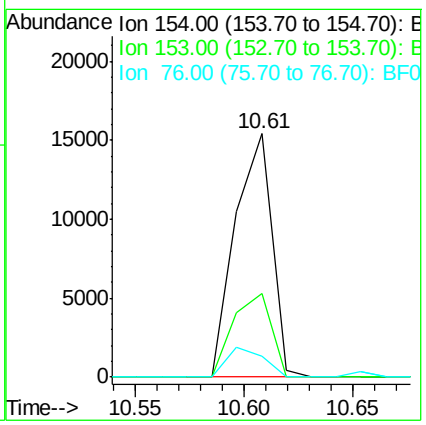


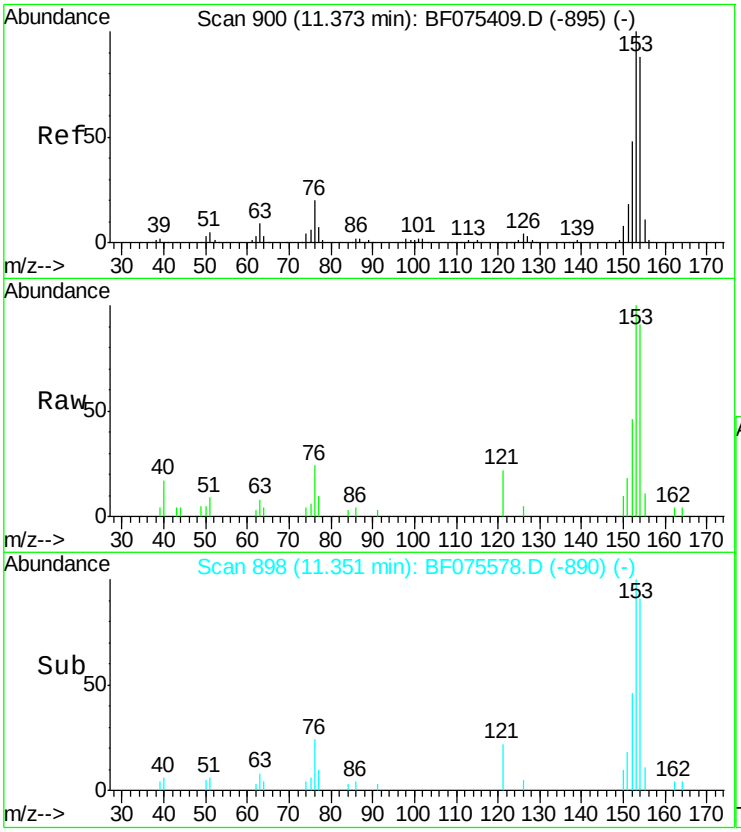


#45
1,1'-Biphenyl
Concen: 2.72 ng
RT: 10.61 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:154 Resp: 18054

Ion	Ratio	Lower	Upper
154	100		
153	34.4	19.3	59.3
76	8.4	0.0	35.0



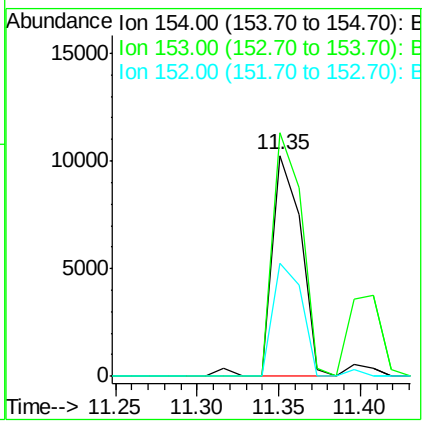


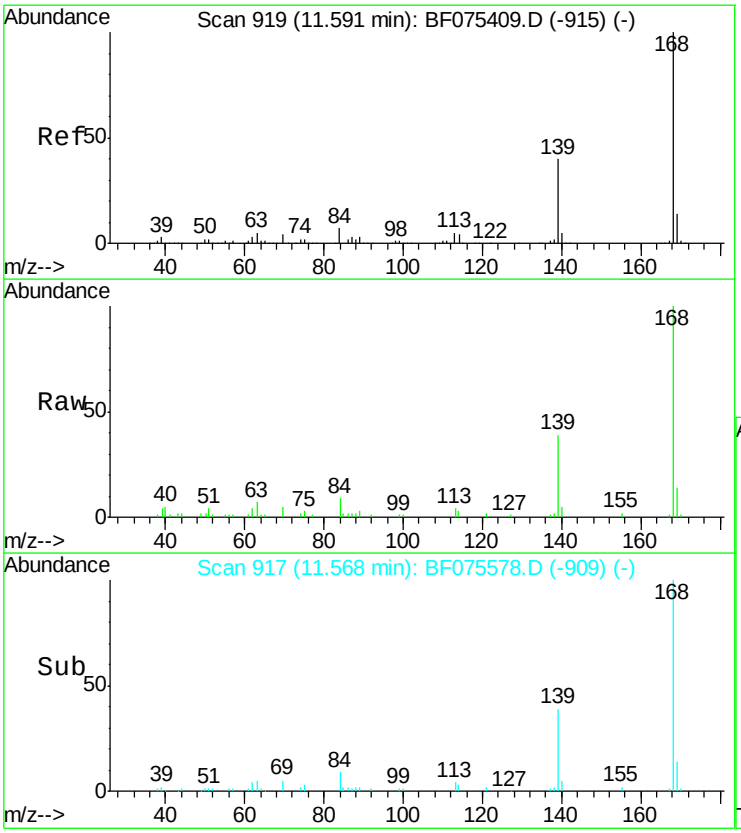
#51
Acenaphthene
Concen: 2.45 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:154 Resp: 12666

Ion	Ratio	Lower	Upper
154	100		
153	110.1	91.2	136.8
152	51.2	43.4	65.0

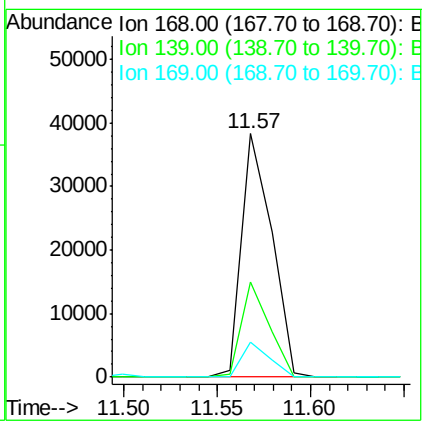


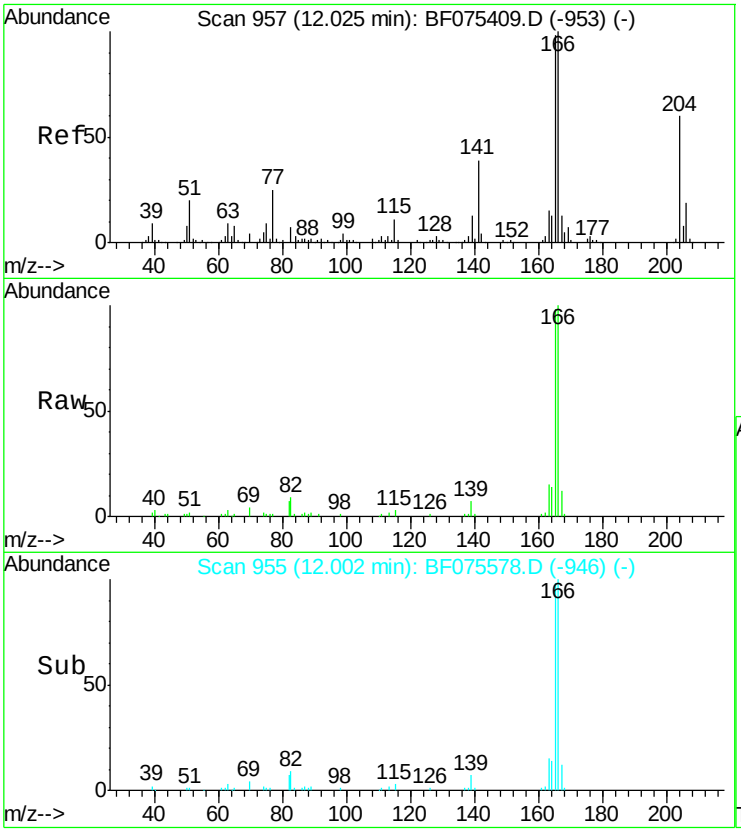


#54
Dibenzofuran
Concen: 5.83 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:168 Resp: 43090

Ion	Ratio	Lower	Upper
168	100		
139	38.9	33.0	49.4
169	14.3	10.8	16.2



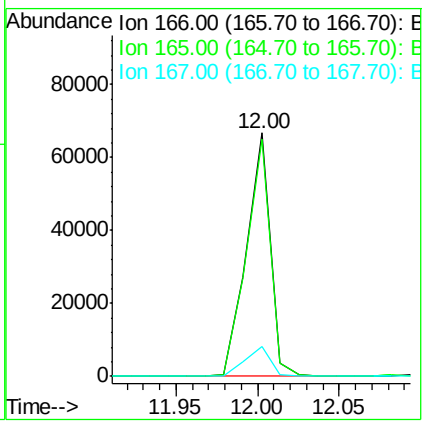


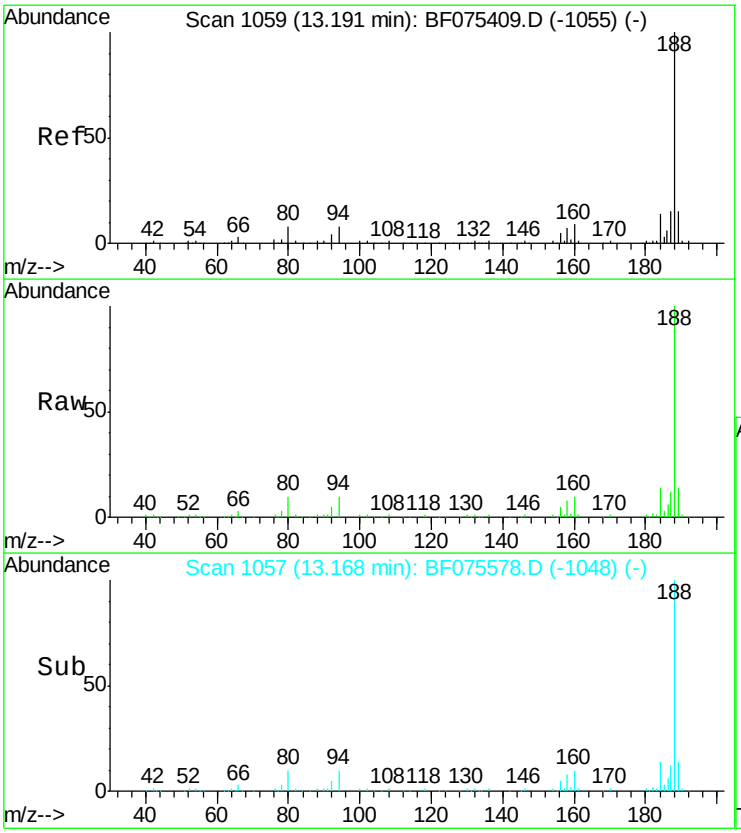
#57
Fluorene
Concen: 11.28 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:166 Resp: 67438

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	12.3	10.6	15.8

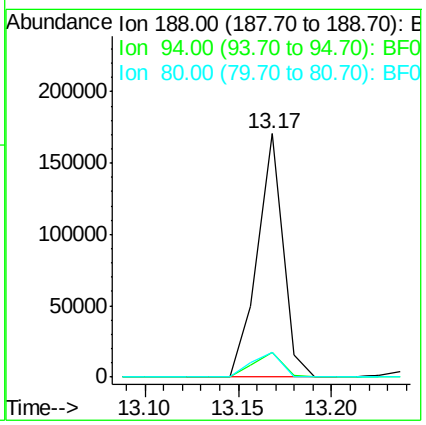


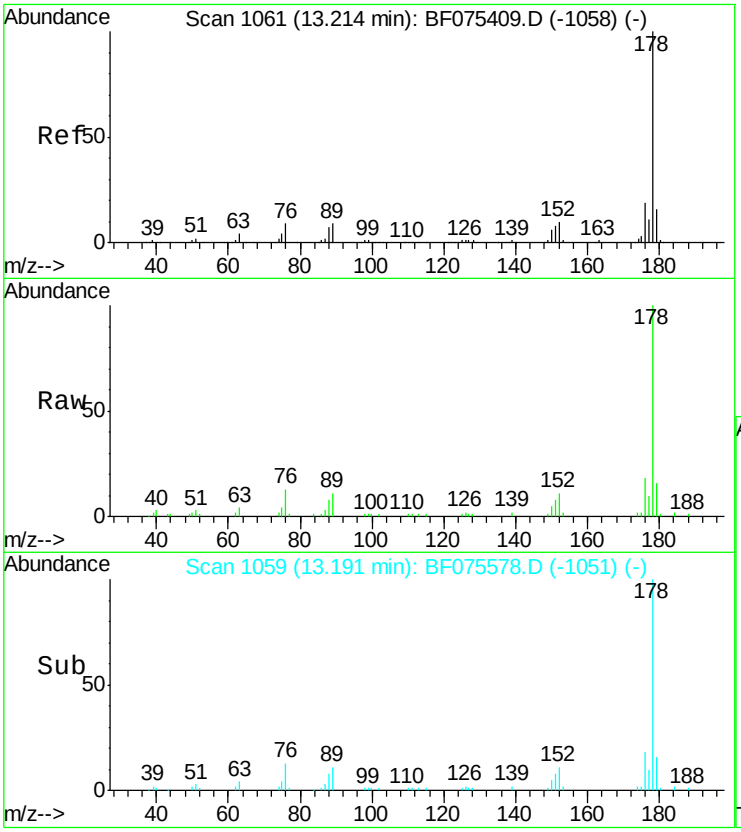


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:188 Resp: 162320

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.4	8.0	12.0



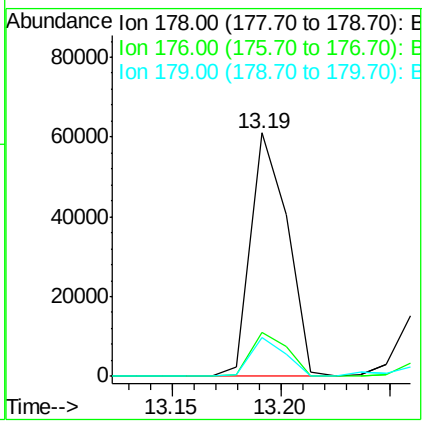


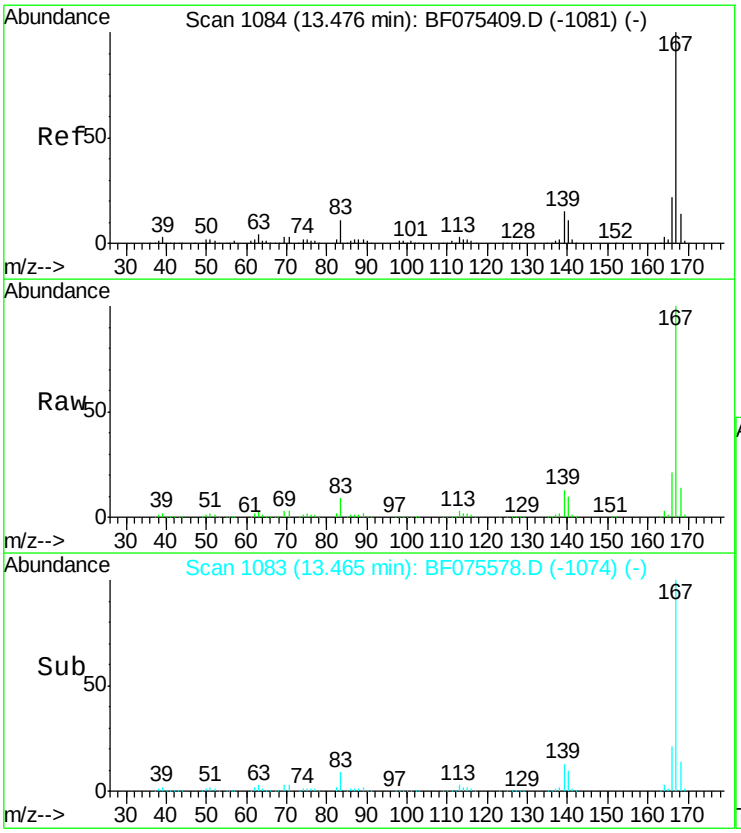
#70
Phenanthrene
Concen: 8.42 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:178 Resp: 71941

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	16.1	12.2	18.4

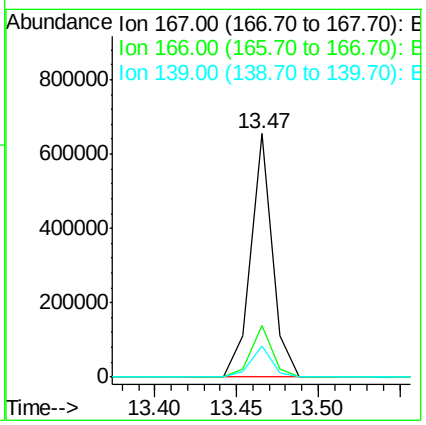


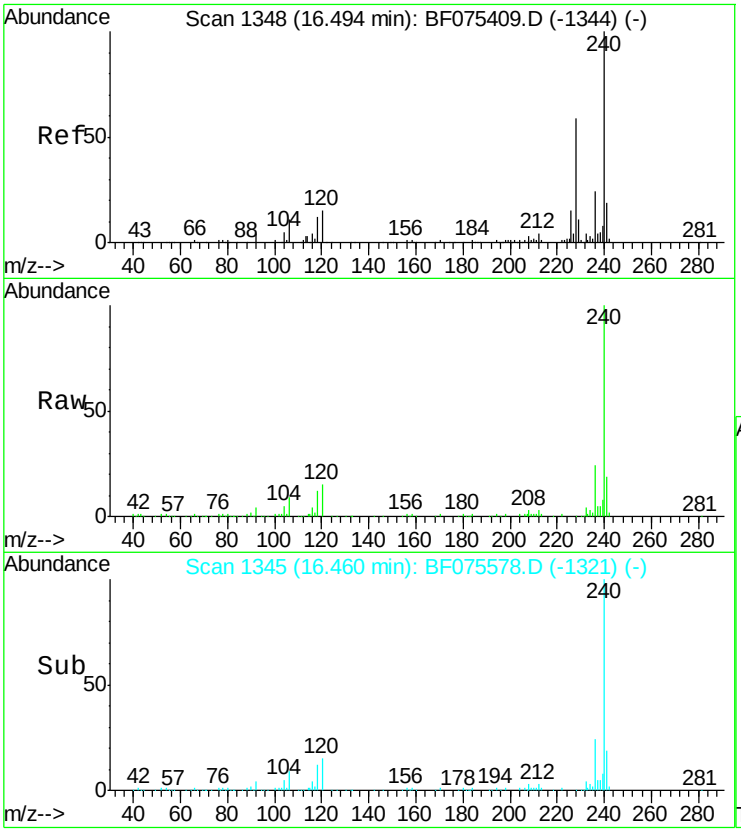


#72
Carbazole
Concen: 69.93 ng
RT: 13.47 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:167 Resp: 604152

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	12.8	10.1	15.1



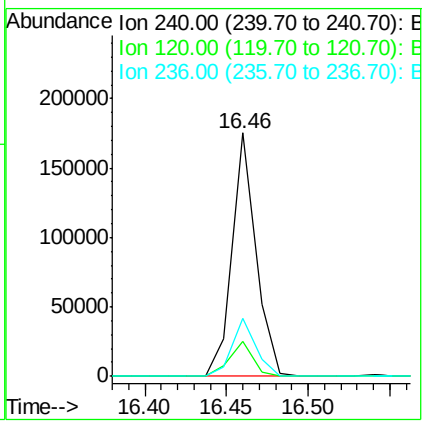


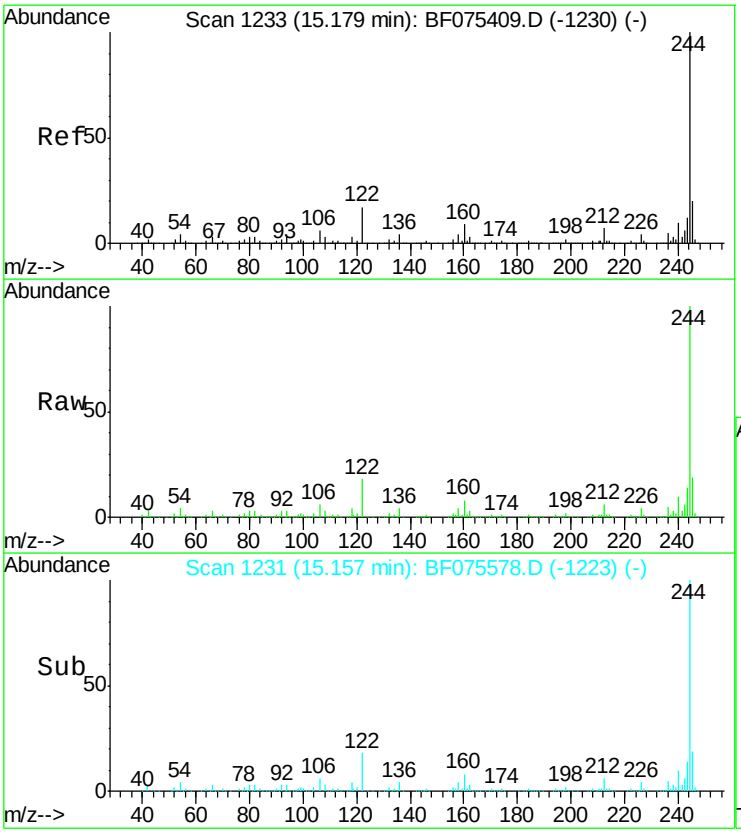
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:240 Resp: 176642

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.6	14.4#
236	23.9	18.9	28.3

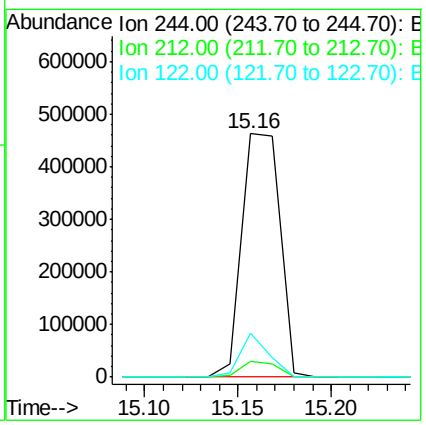


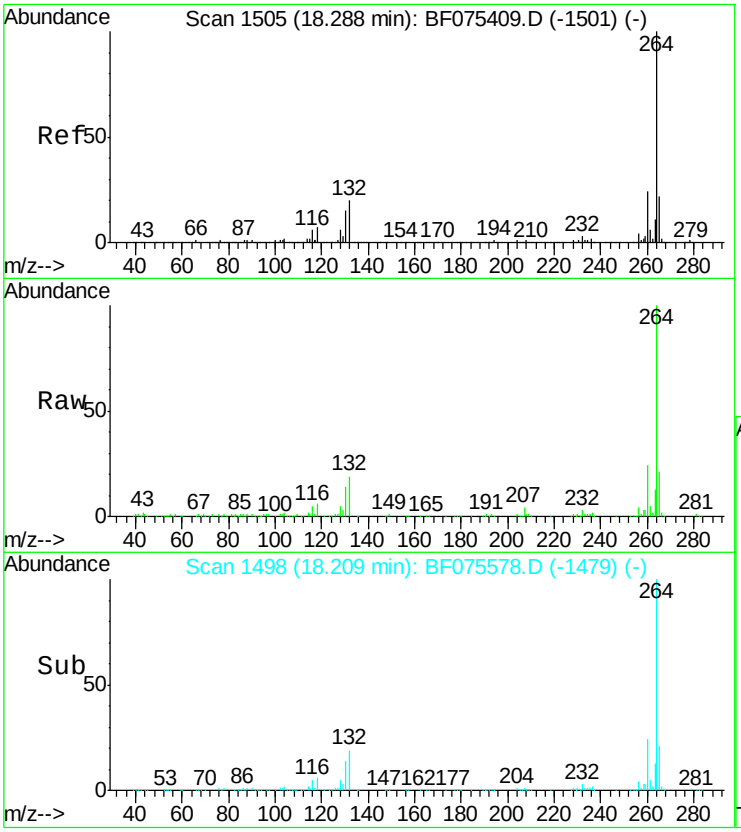


#78
Terphenyl-d14
Concen: 100.07 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Tgt Ion:244 Resp: 656608

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	18.2	9.7	14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.08 min
Lab File: BF075578.D
Acq: 16 Nov 2014 12:11

Instrument :
BNA_F
ClientSampleId :
DCW-WC-037-111214

Tgt Ion:264 Resp: 174863

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	21.3	16.3	24.5