Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
Data File : BF077402.D
Acq On : 23 Feb 2015 13:47
Operator : TP/IZ
Sample : G1295-02DL2 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WC-062-21115DL2

Quant Time: Feb 24 00:09:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	81953	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	326057	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	173361	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	353986	20.00	ng	0.00
75) Chrysene-d12	16.23	240	381293	20.00	ng	-0.03
86) Perylene-d12	18.01	264	377689	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	19067	3.88	ng	0.00
7) Phenol-d6	6.88	99	26640	4.22	ng	-0.01
23) Nitrobenzene-d5	8.02	82	14837	2.83	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	5821	3.49	ng	0.00
44) 2-Fluorobiphenyl	10.25	172	36541	3.29	ng	-0.01
78) Terphenyl-d14	14.92	244	47402	2.91	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.93	128	476243	29.21	ng	99
37) 2-Methylnaphthalene	9.79	142	63300	5.47	ng	98
54) Dibenzofuran	11.33	168	32304	2.15	ng	97
57) Fluorene	11.77	166	69077	5.75	ng	99
70) Phenanthrene	12.96	178	224998	10.97	ng	99
71) Anthracene	13.03	178	154403	7.58	ng	97
72) Carbazole	13.22	167	176631	9.12	ng	98

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

Quantitation Report (QT Reviewed)

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Acq On : 23 Feb 2015 13:47
Operator : TP/IZ
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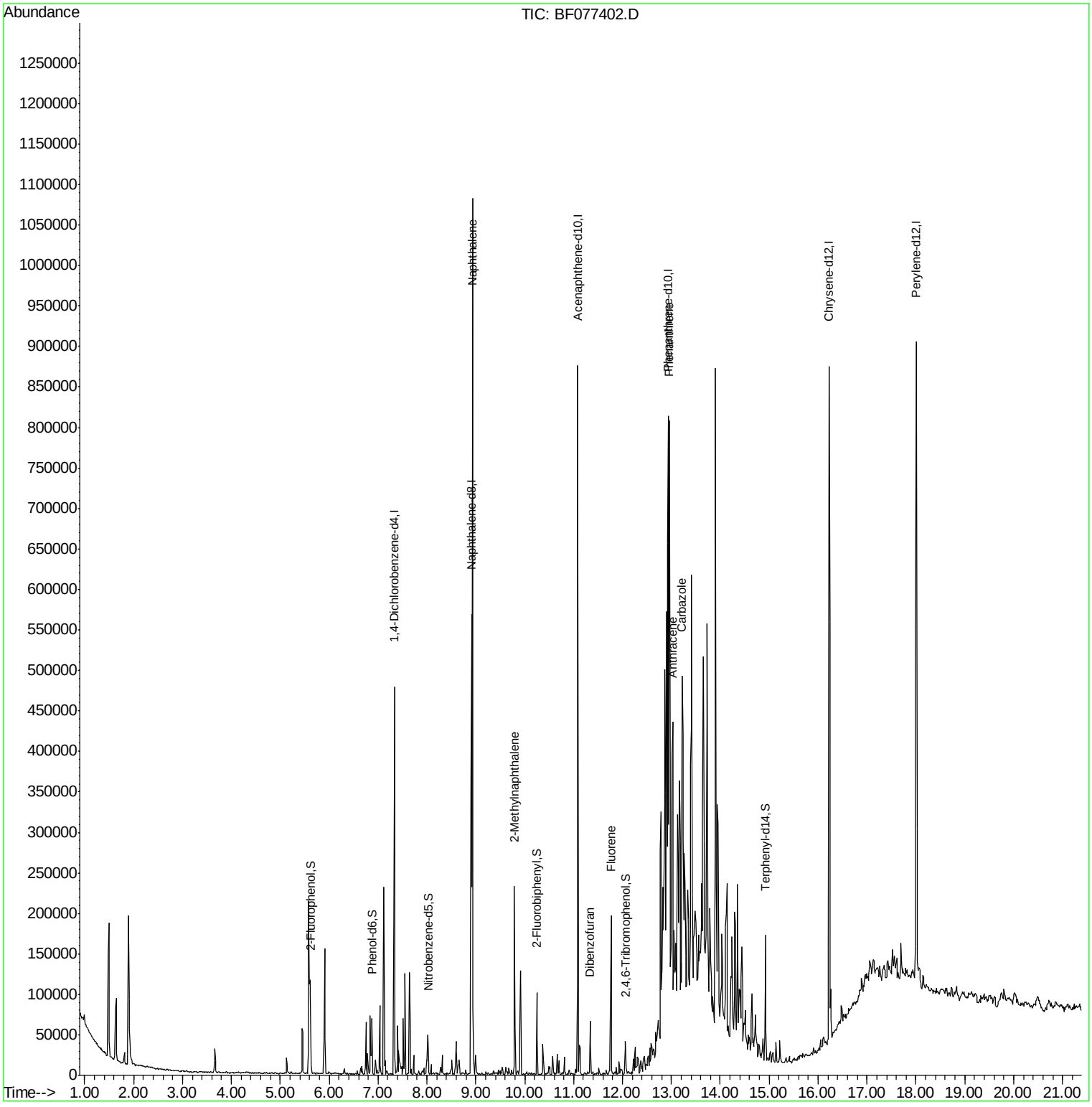
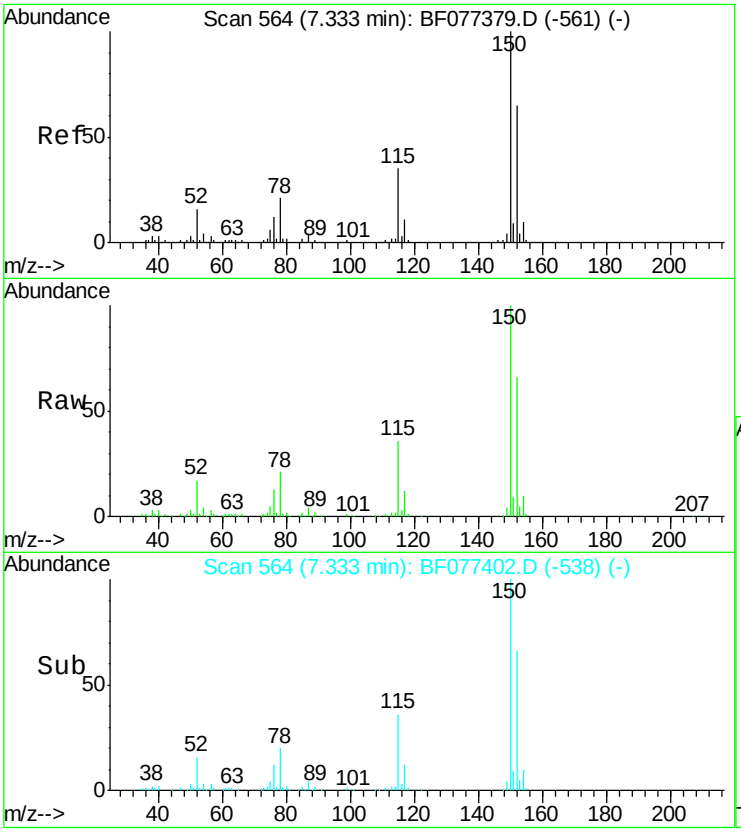
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Quant Time: Feb 24 00:09:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration



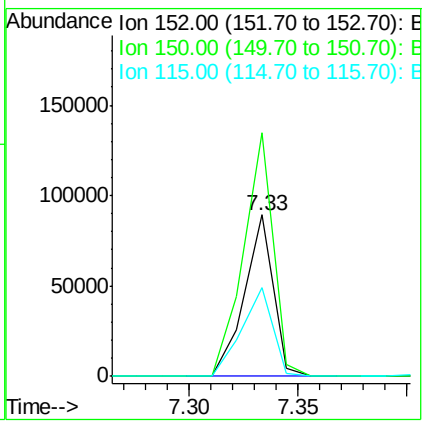


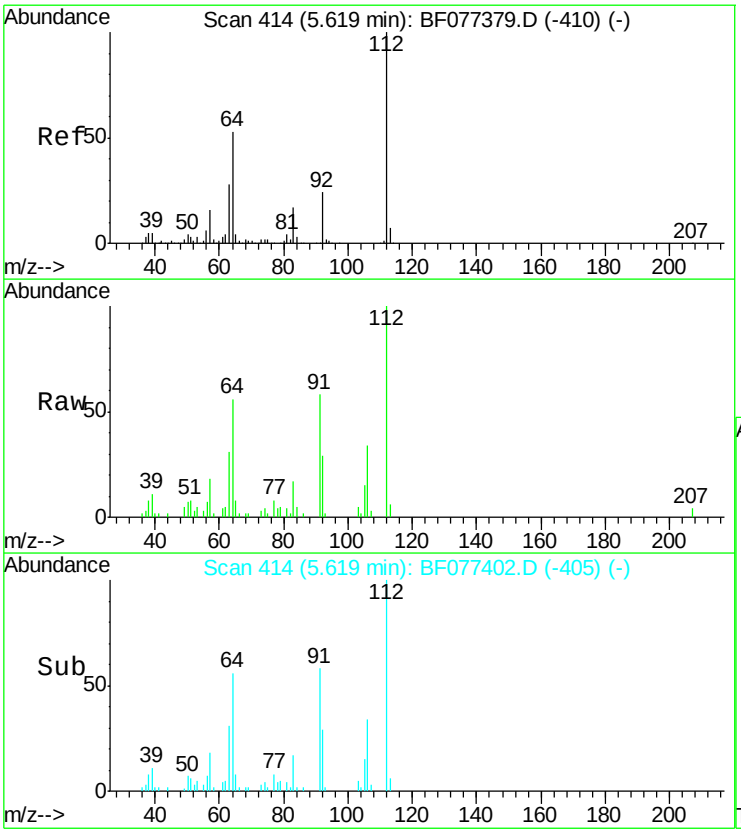
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion:152 Resp: 81953

Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.0	186.0
115	54.7	49.4	74.2

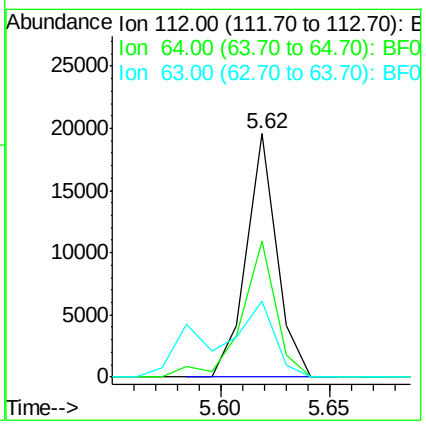


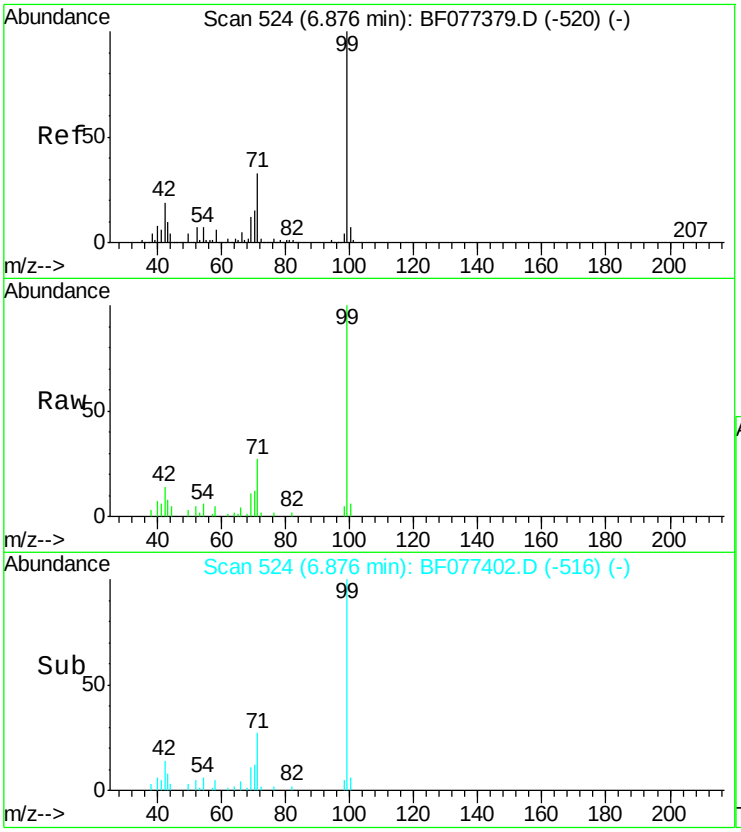


#5
2-Fluorophenol
Concen: 3.88 ng
RT: 5.62 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:112 Resp: 19067

Ion	Ratio	Lower	Upper
112	100		
64	56.0	48.5	72.7
63	31.3	25.0	37.4



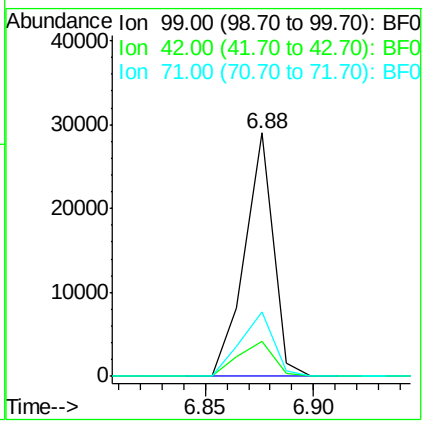


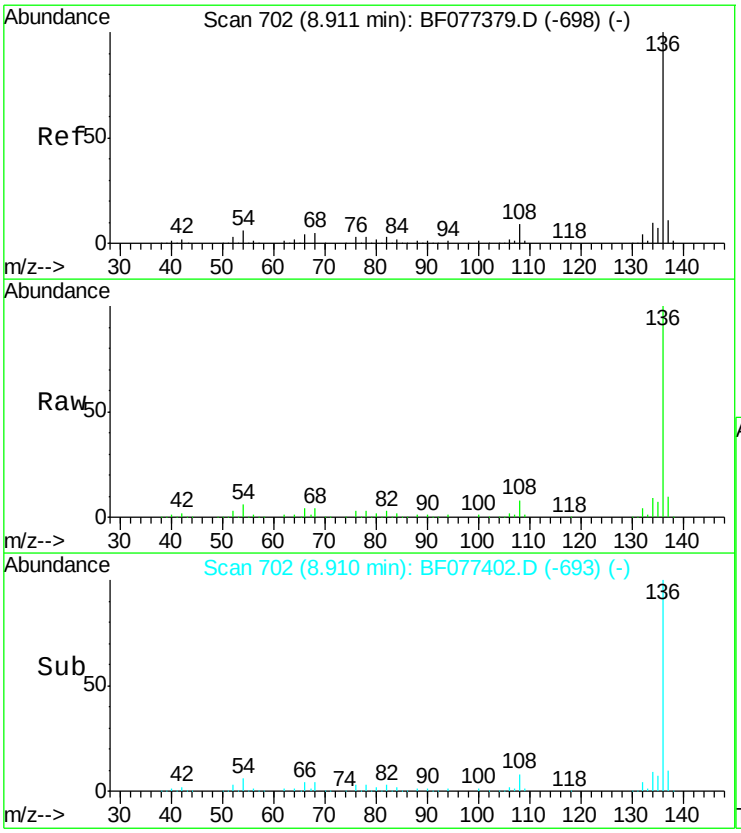
#7
Phenol-d6
Concen: 4.22 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion: 99 Resp: 26640

Ion	Ratio	Lower	Upper
99	100		
42	14.4	16.2	24.4#
71	26.7	26.7	40.1#

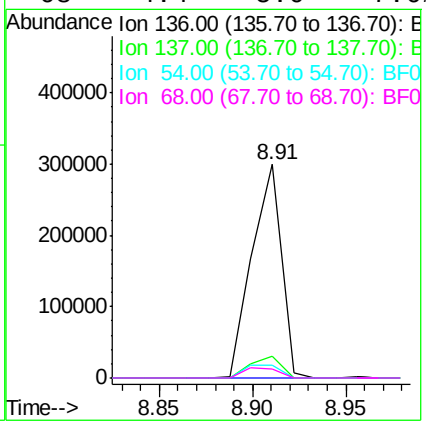


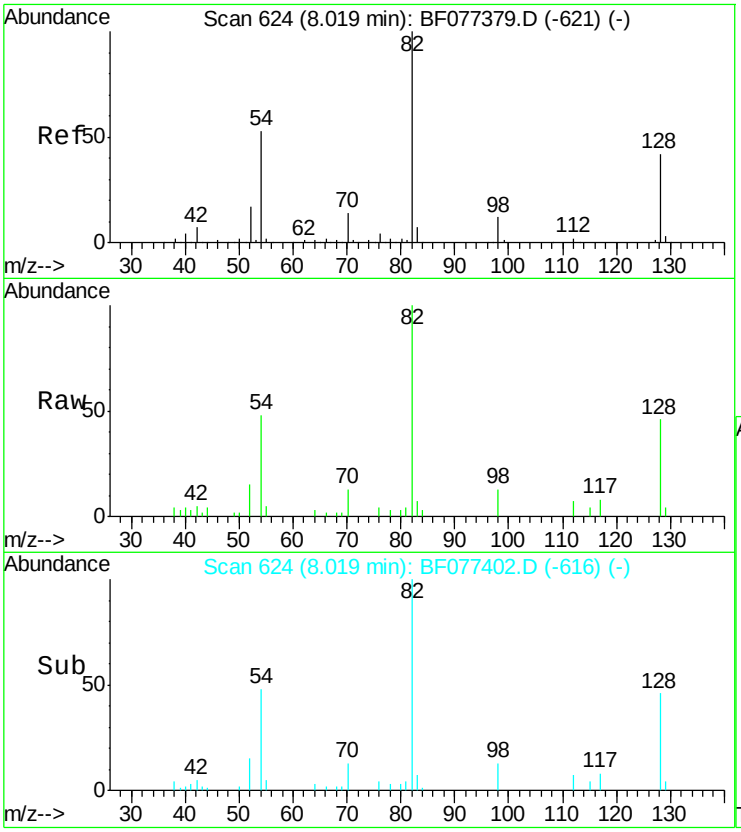


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:136 Resp: 326057

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	6.0	6.2	9.4#
68	4.4	5.0	7.6#



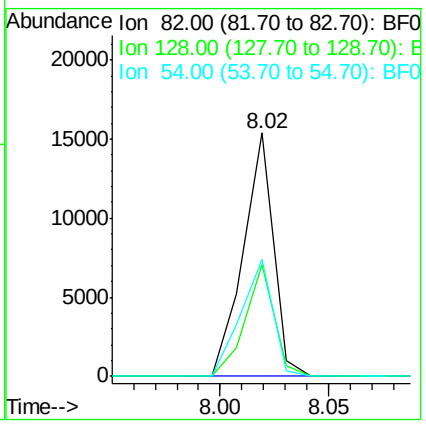


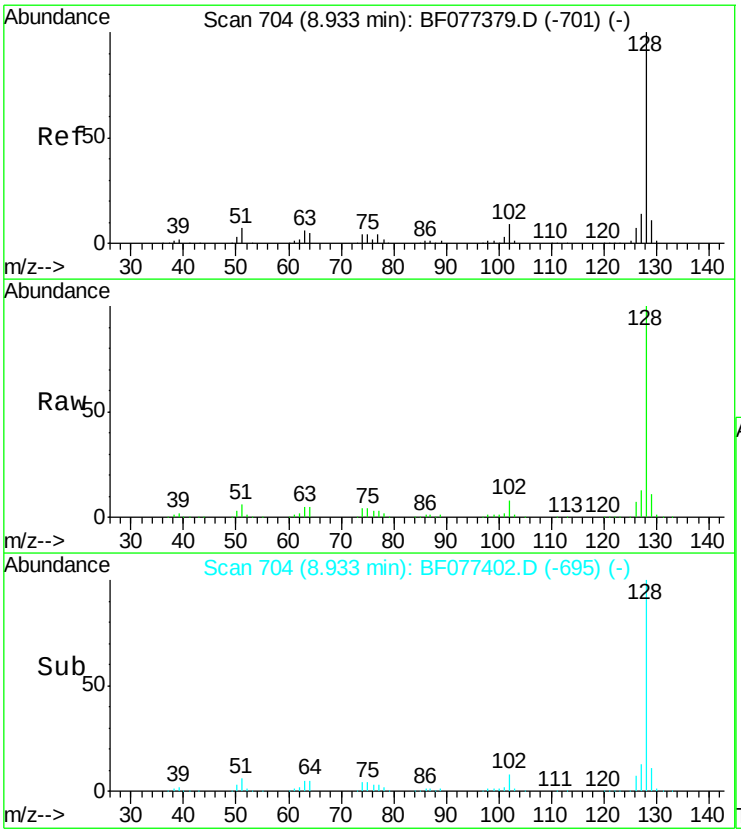
#23
Nitrobenzene-d5
Concen: 2.83 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion: 82 Resp: 14837

Ion	Ratio	Lower	Upper
82	100		
128	46.0	43.8	65.8
54	48.2	36.7	55.1

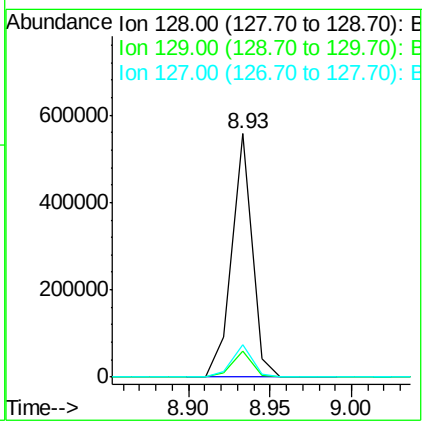


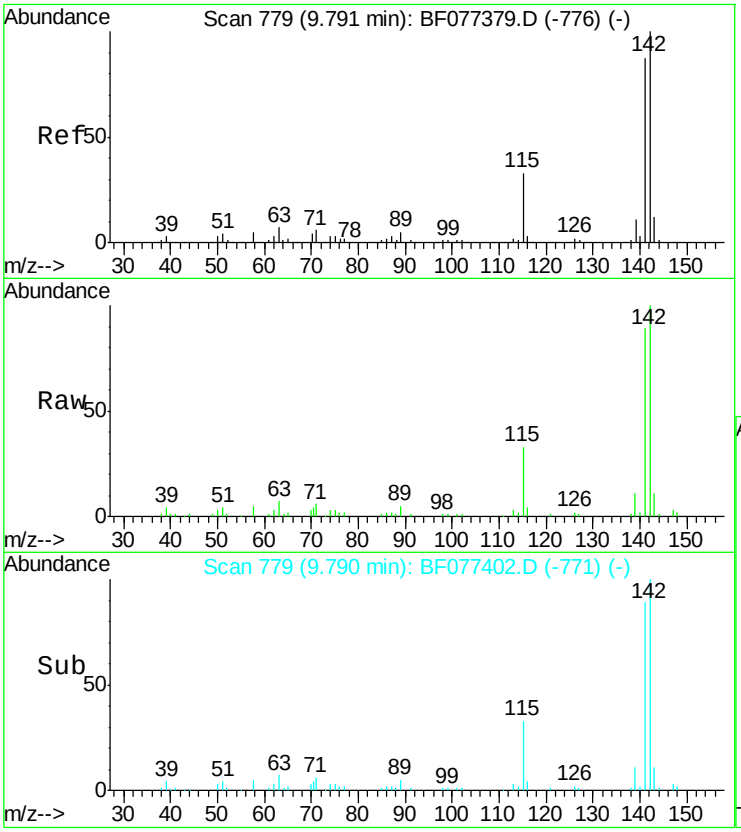


#31
Naphthalene
Concen: 29.21 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:128 Resp: 476243

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.4	10.6	15.8



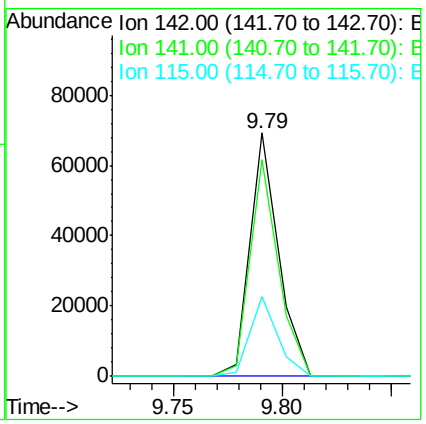


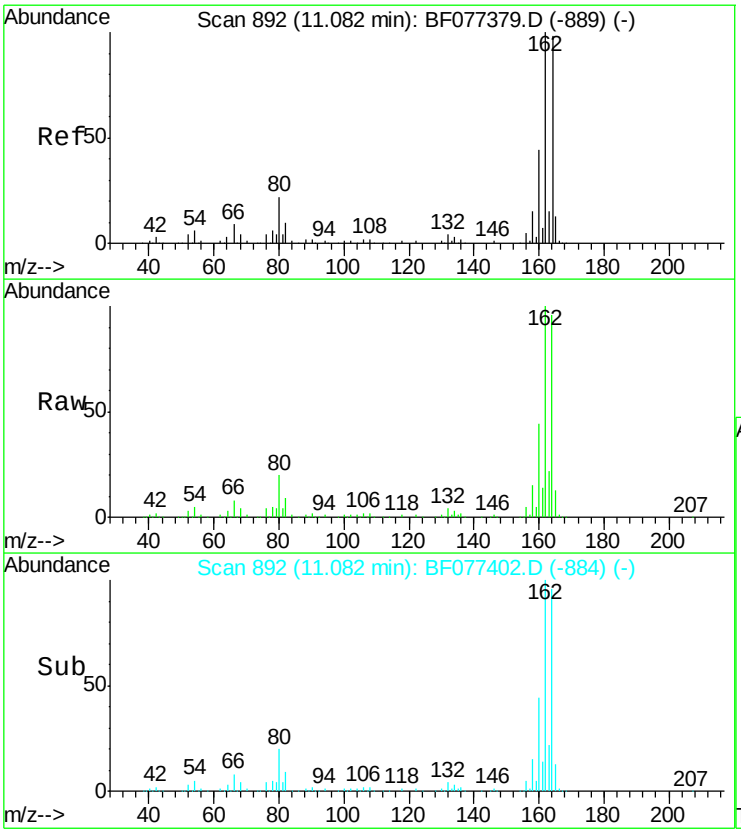
#37
2-Methylnaphthalene
Concen: 5.47 ng
RT: 9.79 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion:142 Resp: 63300

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	32.8	24.2	36.4

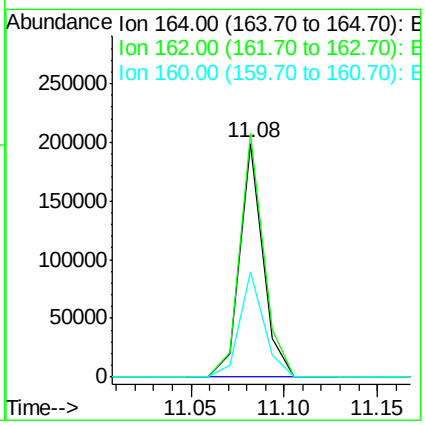


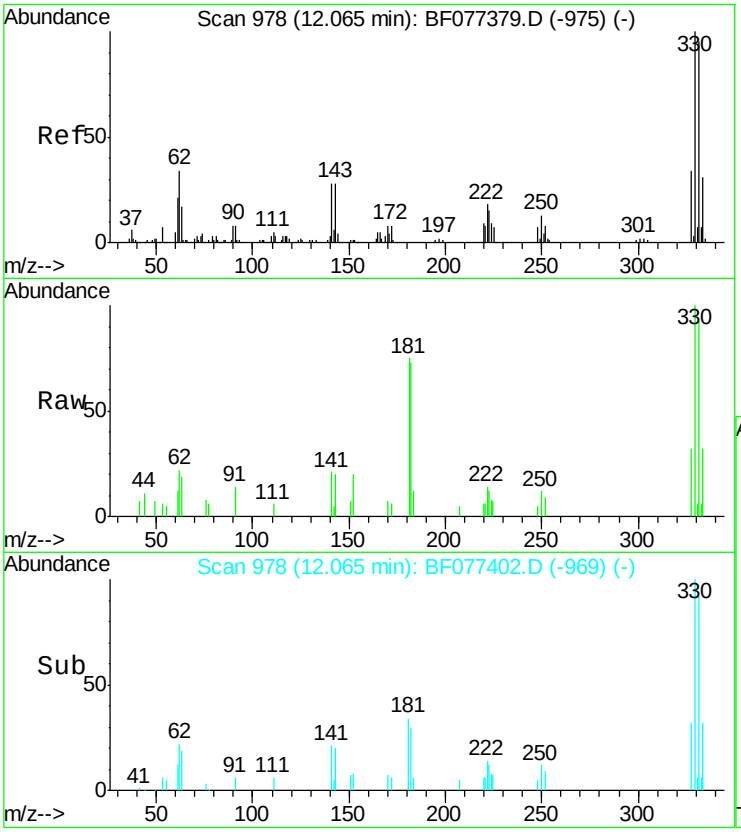


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:164 Resp: 173361

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.2	124.8
160	45.3	34.6	52.0



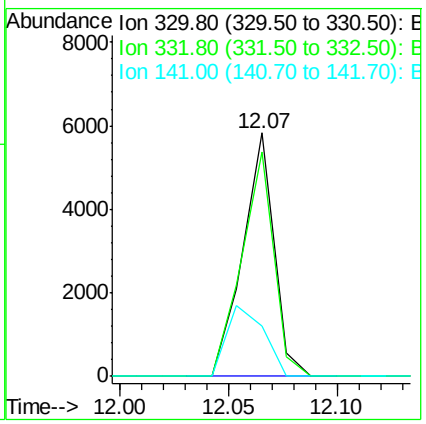


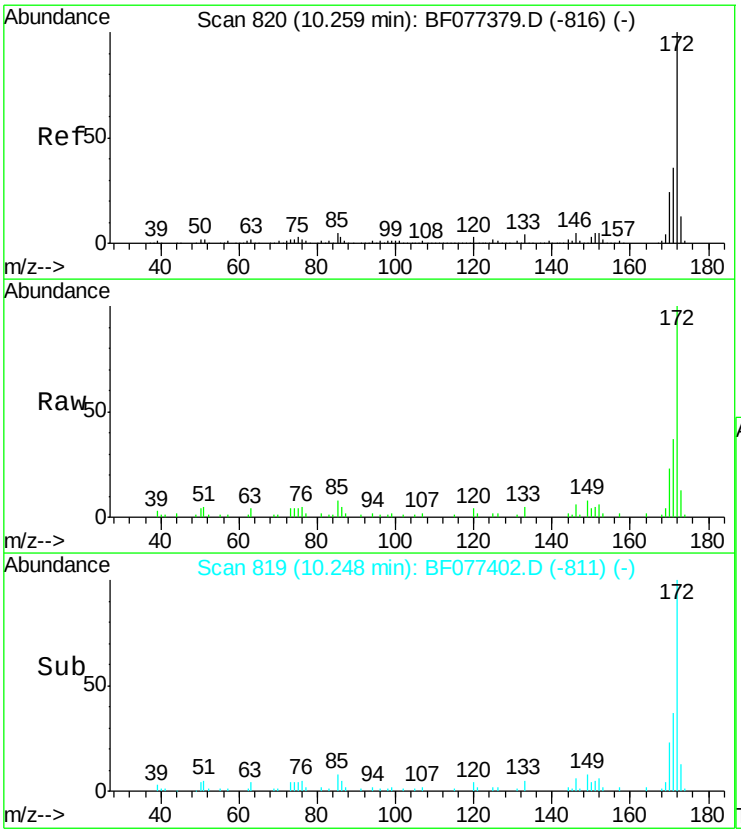
#41
2,4,6-Tribromophenol
Concen: 3.49 ng
RT: 12.07 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion:330 Resp: 5821

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.2
141	34.4	28.8	43.2

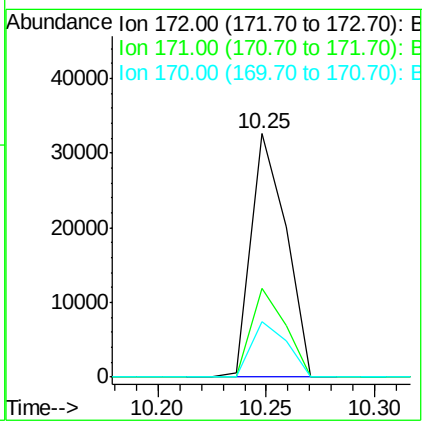


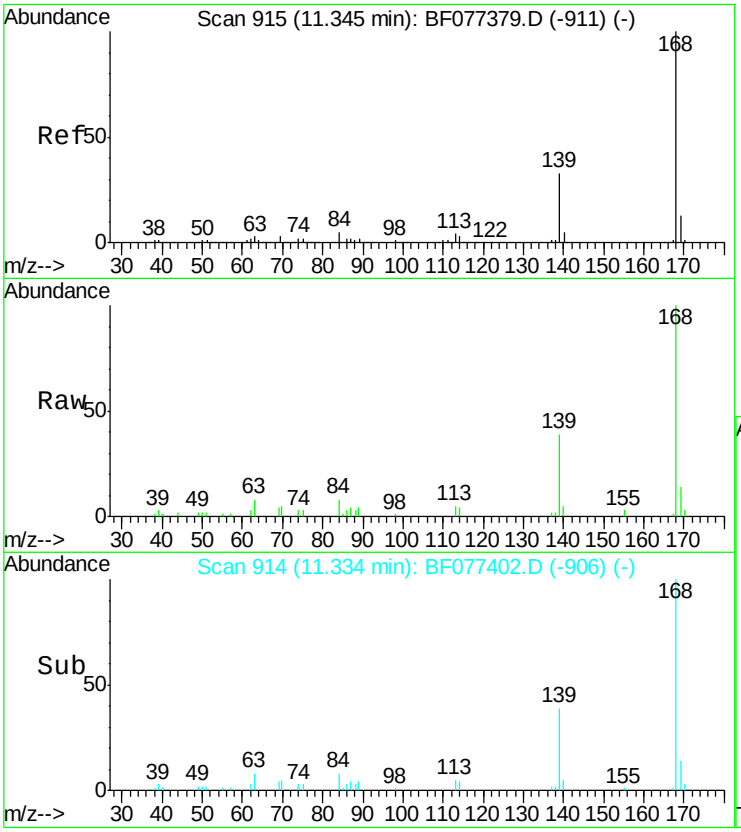


#44
2-Fluorobiphenyl
Concen: 3.29 ng
RT: 10.25 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:172 Resp: 36541

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	22.8	19.4	29.2



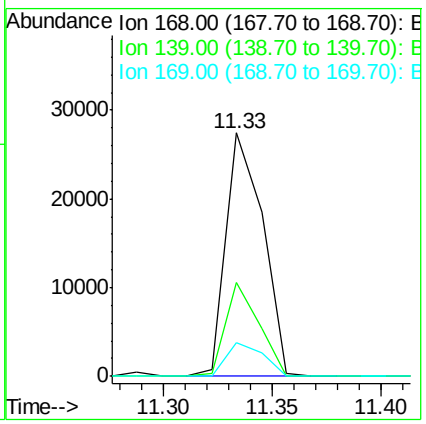


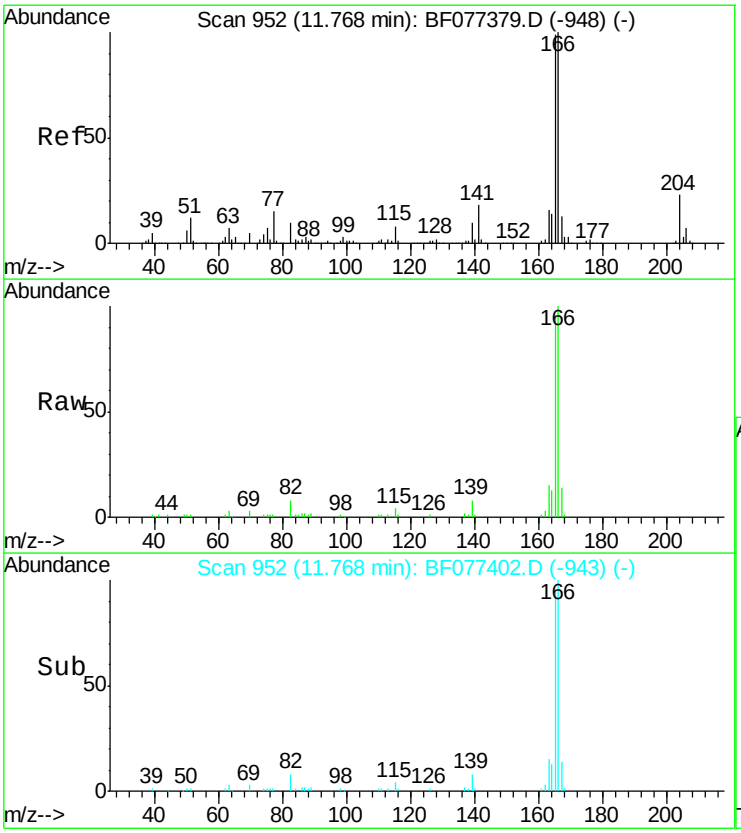
#54
Dibenzofuran
Concen: 2.15 ng
RT: 11.33 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion:168 Resp: 32304

Ion	Ratio	Lower	Upper
168	100		
139	38.8	29.3	43.9
169	13.9	10.9	16.3

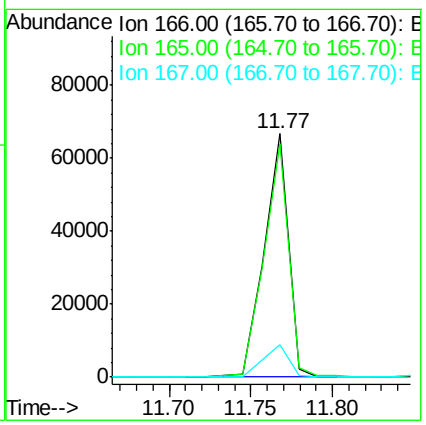


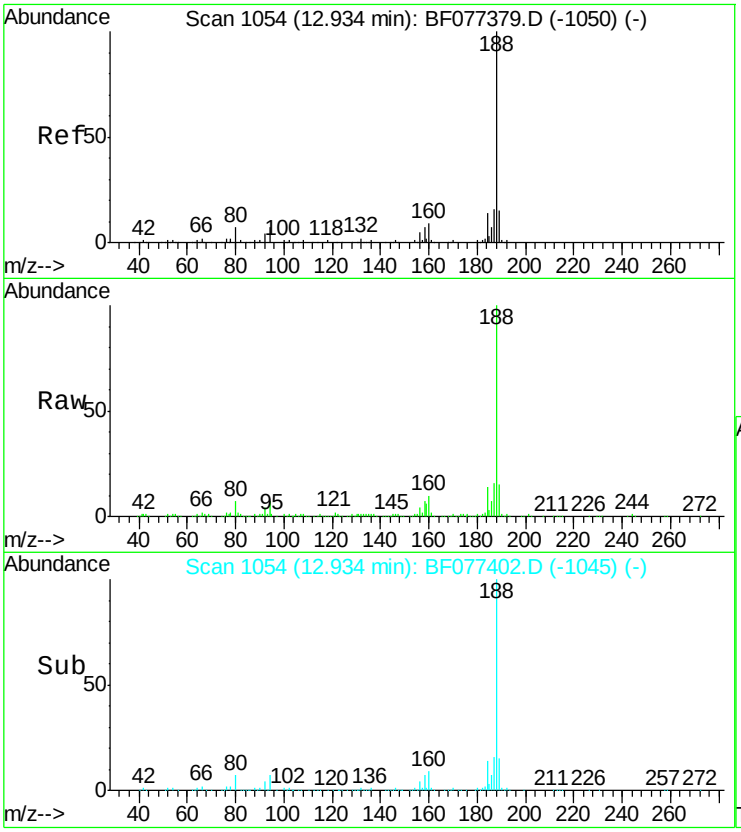


#57
Fluorene
Concen: 5.75 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:166 Resp: 69077

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.6	116.4
167	13.5	10.6	16.0



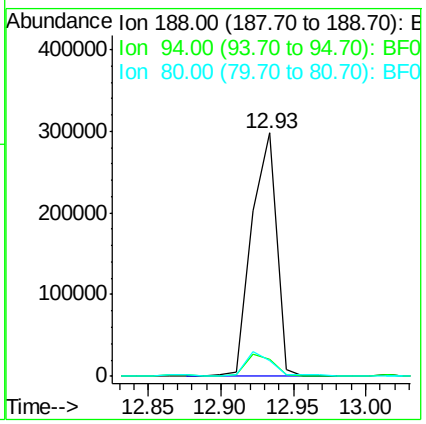


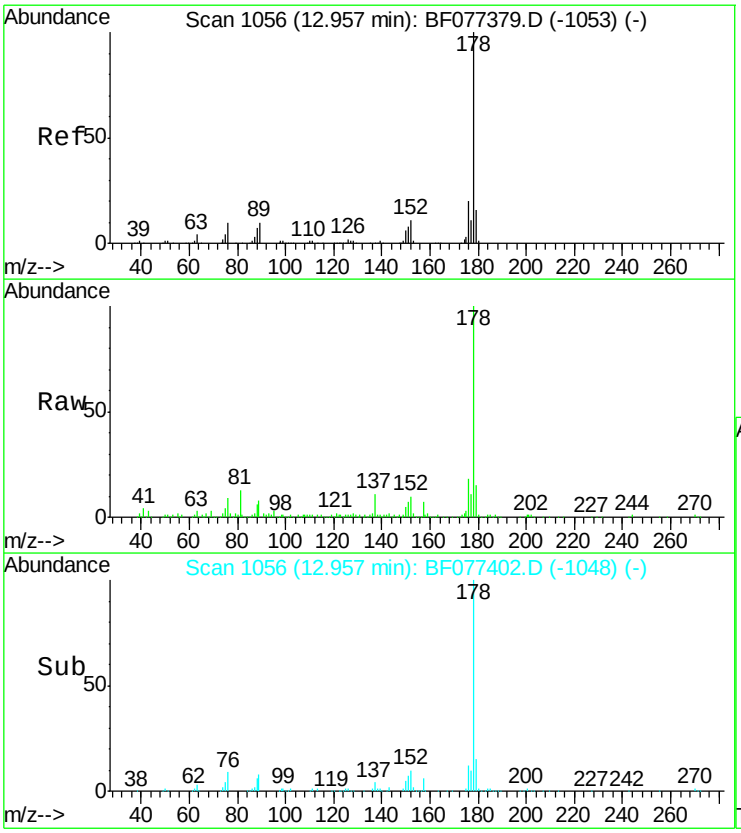
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion:188 Resp: 353986

Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.4	11.2#
80	6.7	8.0	12.0#

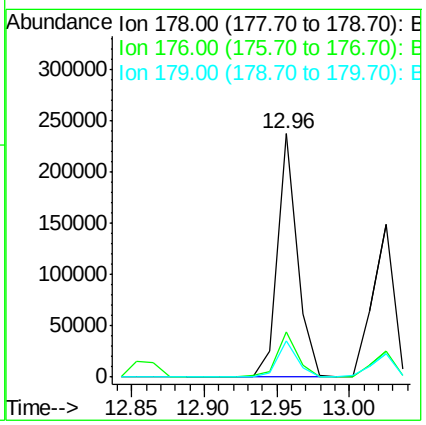


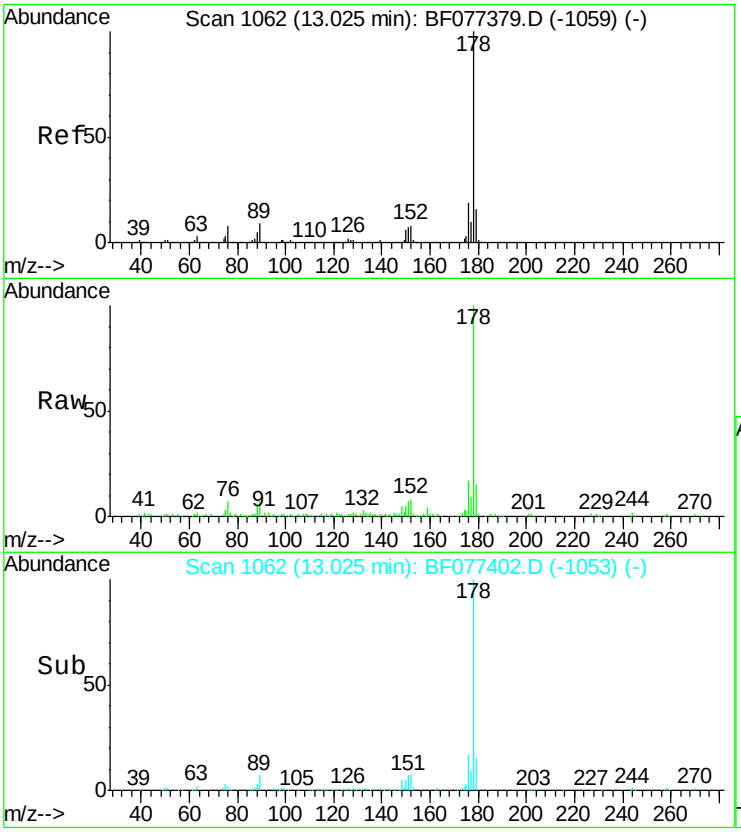


#70
Phenanthrene
Concen: 10.97 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:178 Resp: 224998

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.1	12.2	18.2



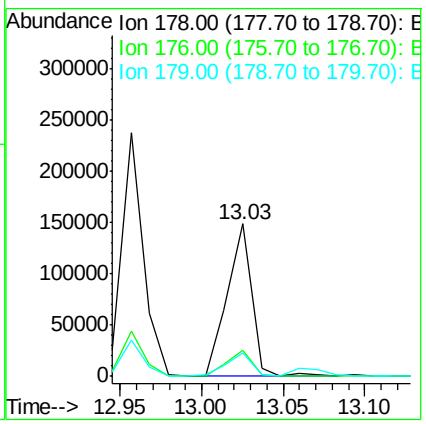


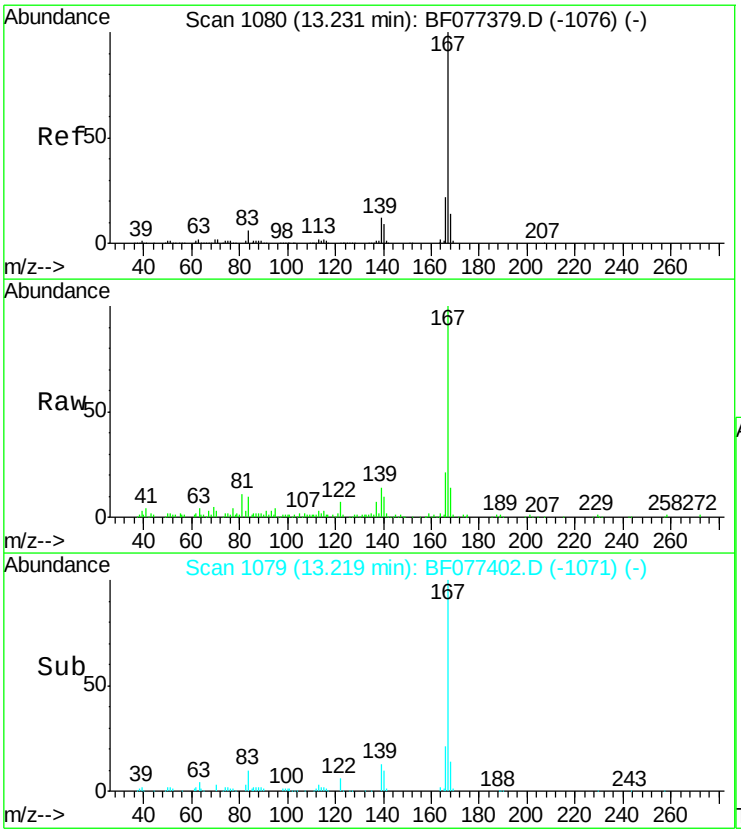
#71
Anthracene
Concen: 7.58 ng
RT: 13.03 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion:178 Resp: 154403

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.0
179	15.3	12.9	19.3

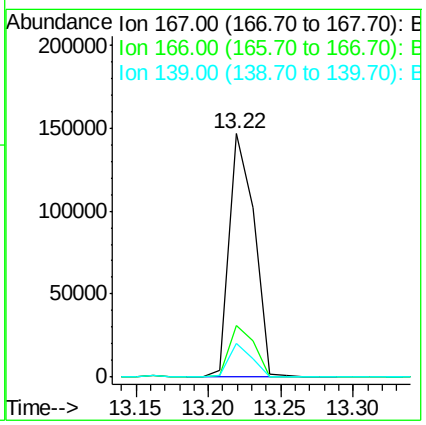


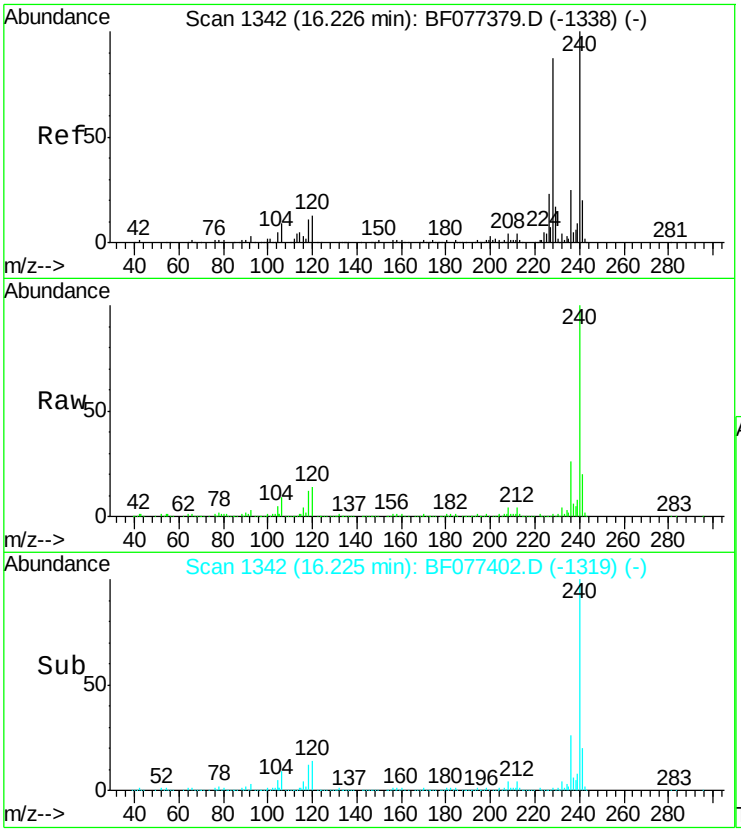


#72
Carbazole
Concen: 9.12 ng
RT: 13.22 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:167 Resp: 176631

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	14.0	9.9	14.9



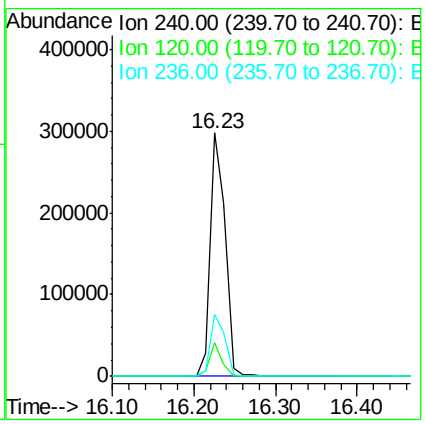


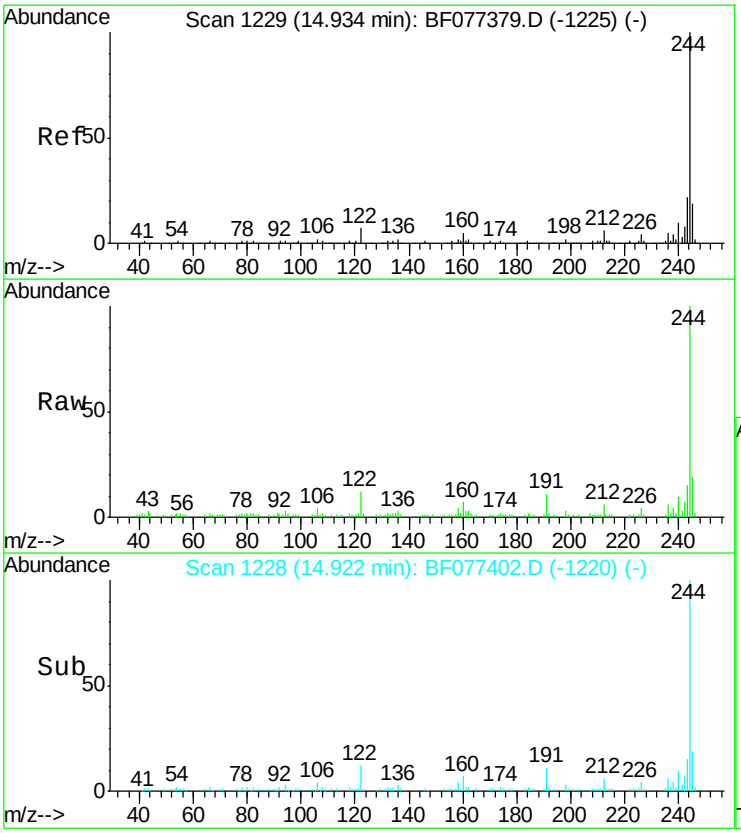
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion:240 Resp: 381293

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.8	13.2#
236	25.5	20.7	31.1

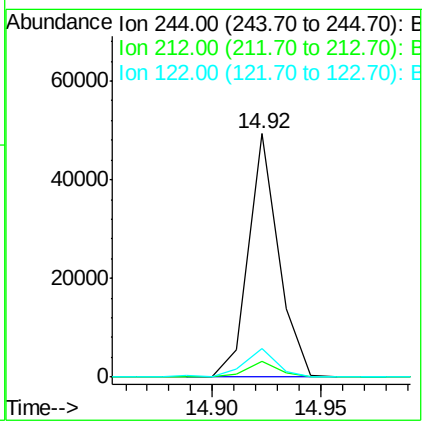


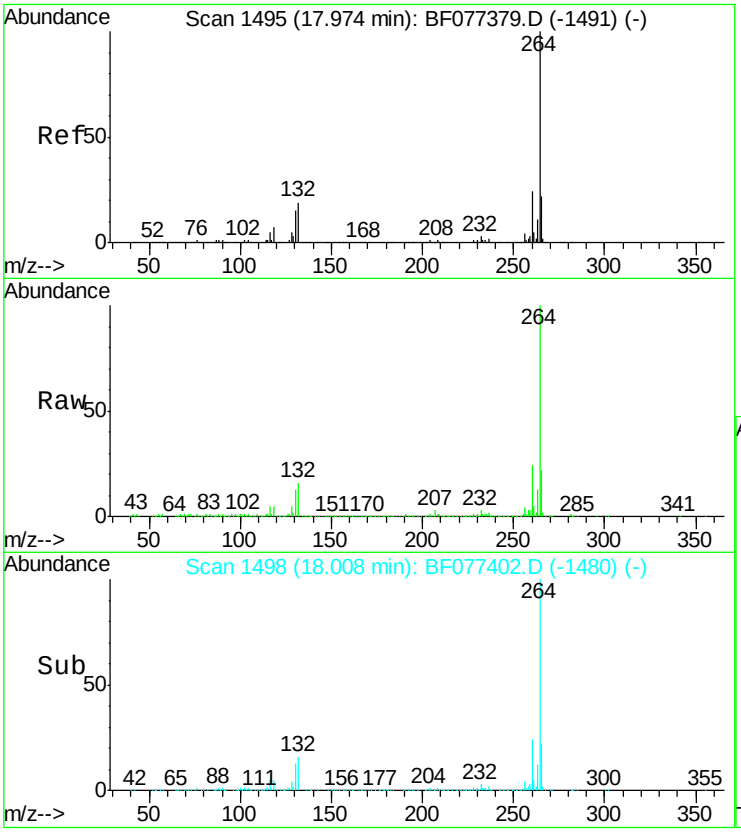


#78
Terphenyl-d14
Concen: 2.91 ng
RT: 14.92 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Tgt Ion:244 Resp: 47402

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.7	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1498
Delta R.T. -0.09 min
Lab File: BF077402.D
Acq: 23 Feb 2015 13:47

Instrument :
BNA_F
ClientSampleId :
DCW-WC-062-21115DL2

Tgt Ion:264 Resp: 377689

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.0	16.8	25.2