Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077387.D
Acq On : 20 Feb 2015 17:46
Operator : TP/IZ
Sample : G1295-02DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 21 00:59:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 20 23:55:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	72298	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	296112	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	154175	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	299011	20.00	ng	0.00
75) Chrysene-d12	16.23	240	331984	20.00	ng	0.00
86) Perylene-d12	18.03	264	332578	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	92812	21.43	ng	0.00
7) Phenol-d6	6.88	99	126297	22.68	ng	0.00
23) Nitrobenzene-d5	8.02	82	67456	14.17	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	28792	19.39	ng	0.00
44) 2-Fluorobiphenyl	10.25	172	170363	17.23	ng	-0.01
78) Terphenyl-d14	14.92	244	214945	15.14	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.93	128	1813952	122.50	ng	98
37) 2-Methylnaphthalene	9.79	142	286943	27.29	ng	97
45) 1,1'-Biphenyl	10.37	154	42204	3.61	ng	97
51) Acenaphthene	11.12	154	58992	6.82	ng	96
54) Dibenzofuran	11.33	168	148519	11.12	ng	99
57) Fluorene	11.77	166	314323	29.42	ng	98
70) Phenanthrene	12.96	178	865899	49.96	ng	99
71) Anthracene	13.03	178	652701	37.95	ng	100
72) Carbazole	13.23	167	750432	45.89	ng	99
74) Fluoranthene	14.44	202	153125	8.09	ng	95
77) Pyrene	14.72	202	104755	5.16	ng	97
82) Chrysene	16.26	228	93467	5.12	ng	99

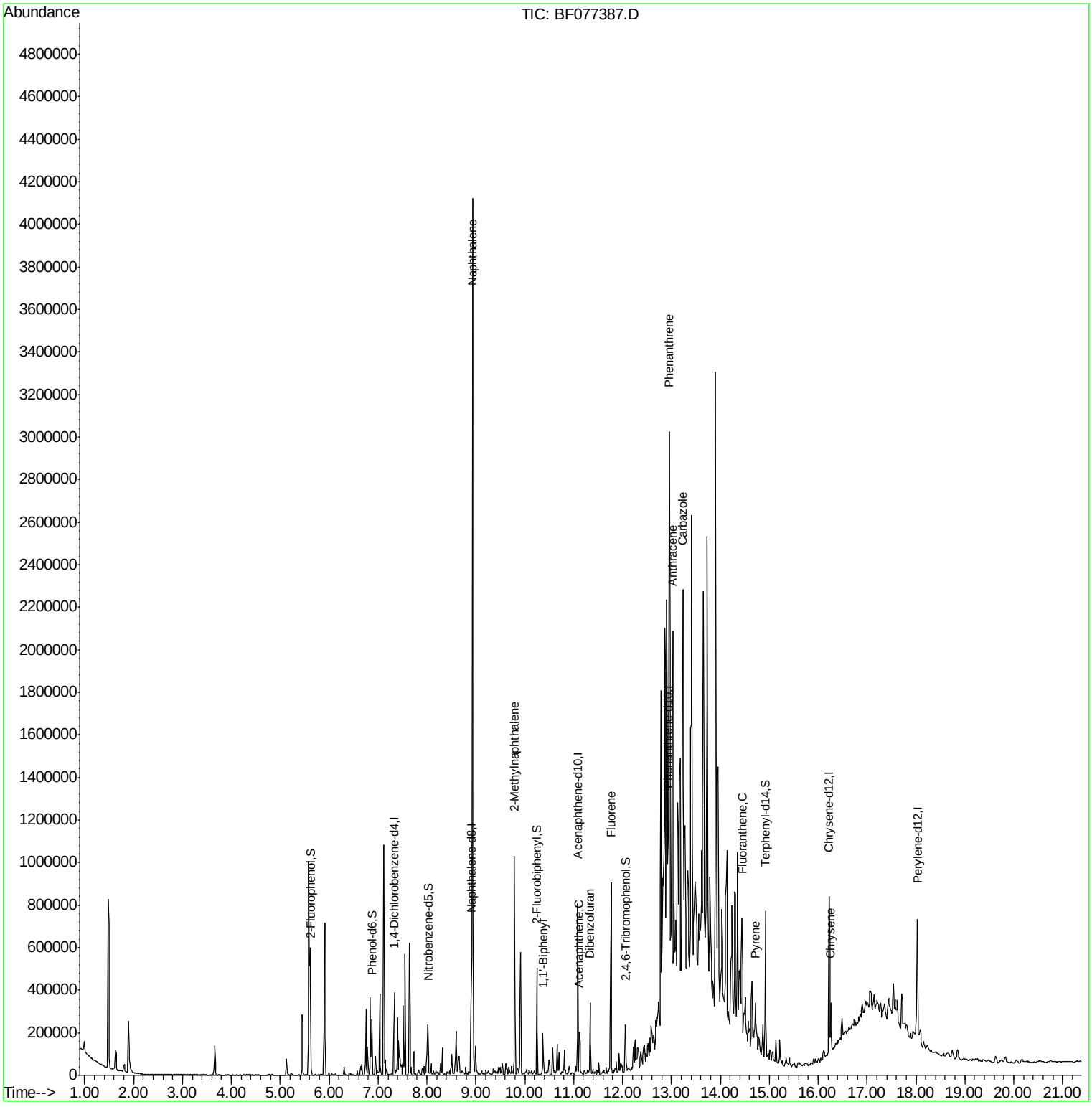
(#) = qualifier out of range (m) = manual integration (+) = signals summed

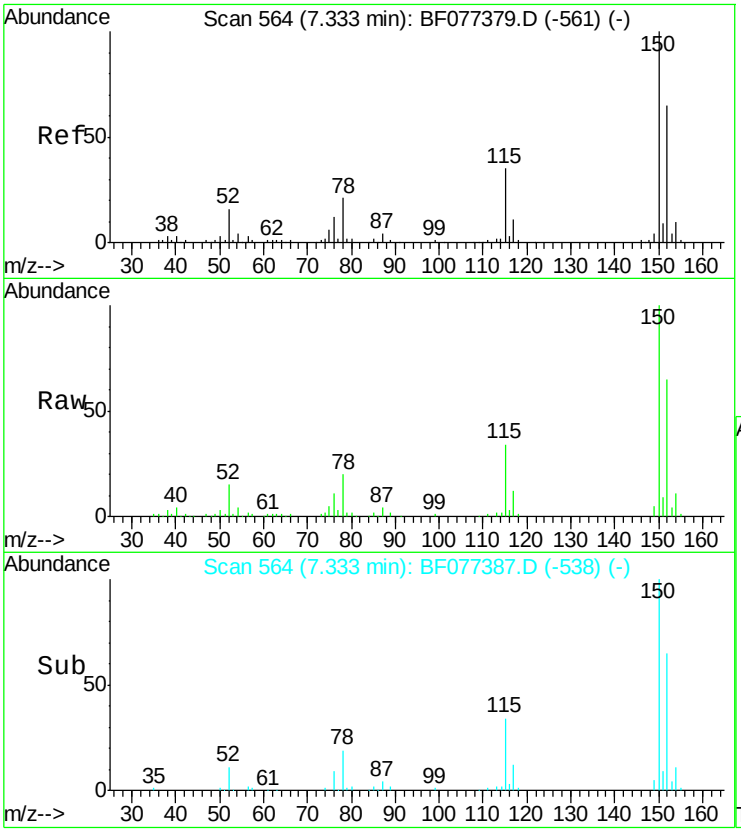
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077387.D
Acq On : 20 Feb 2015 17:46
Operator : TP/IZ
Sample : G1295-02DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 21 00:59:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 20 23:55:25 2015
Response via : Initial Calibration



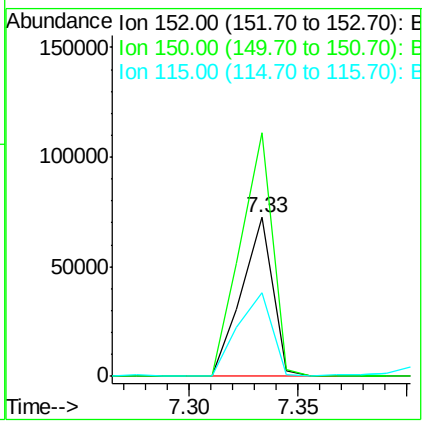


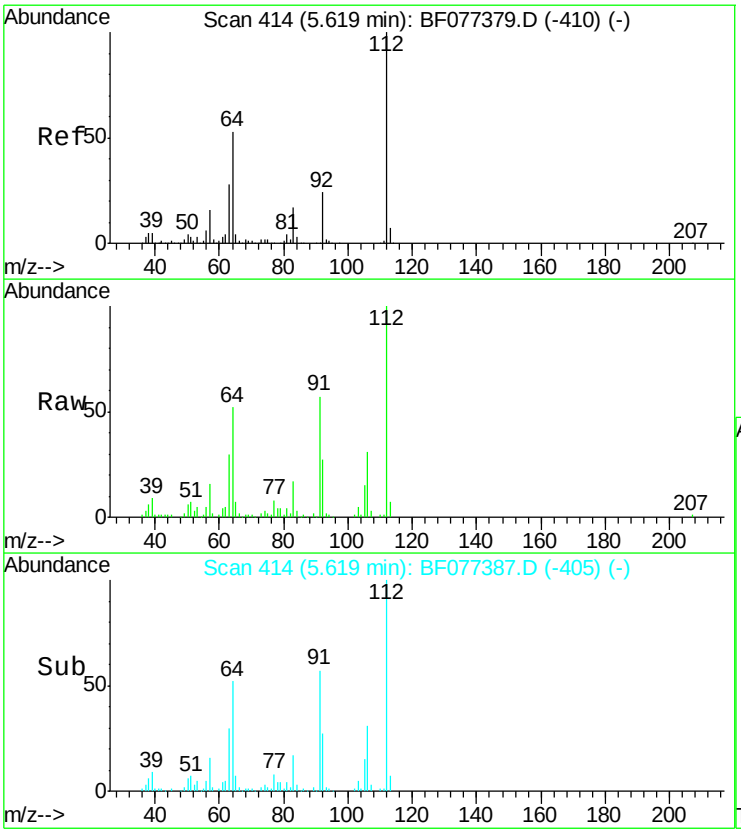
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:152 Resp: 72298

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.0	186.0
115	52.7	49.4	74.2

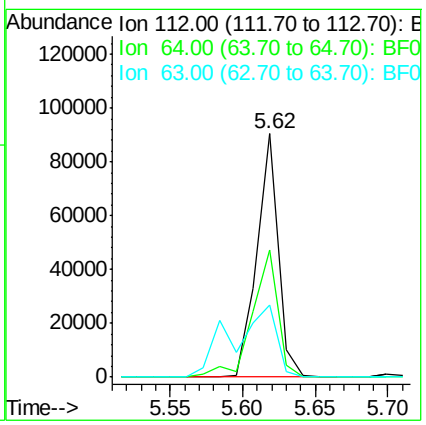


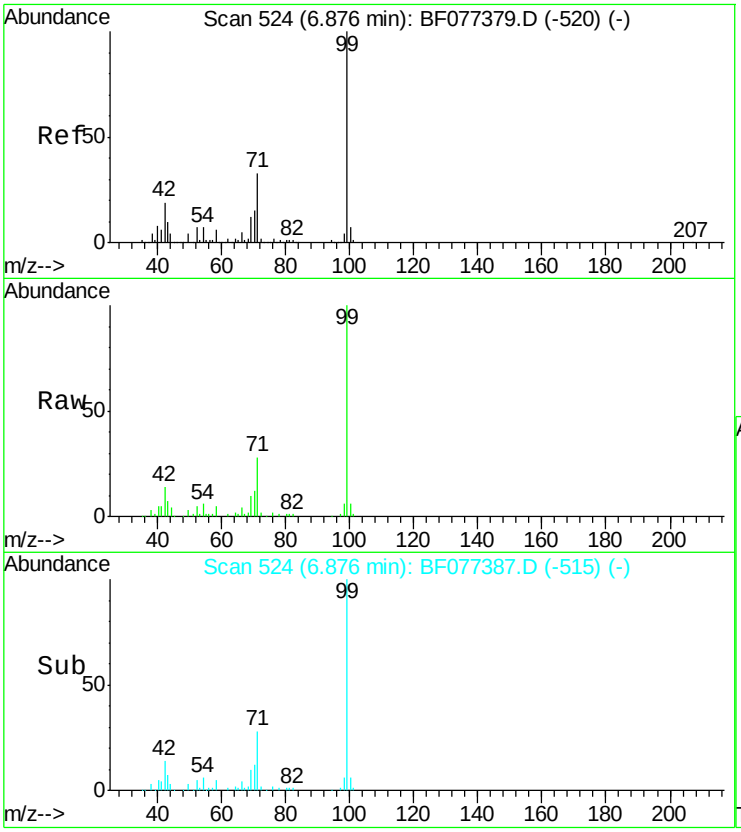


#5
2-Fluorophenol
Concen: 21.43 ng
RT: 5.62 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:112 Resp: 92812

Ion	Ratio	Lower	Upper
112	100		
64	52.4	48.5	72.7
63	29.6	25.0	37.4



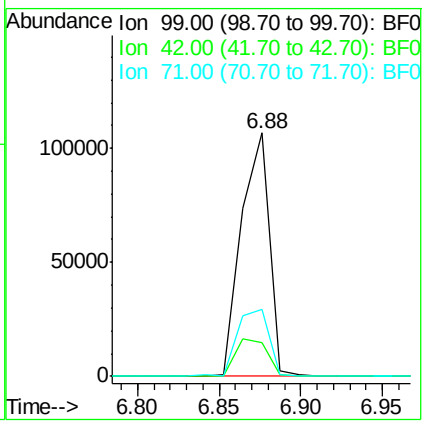


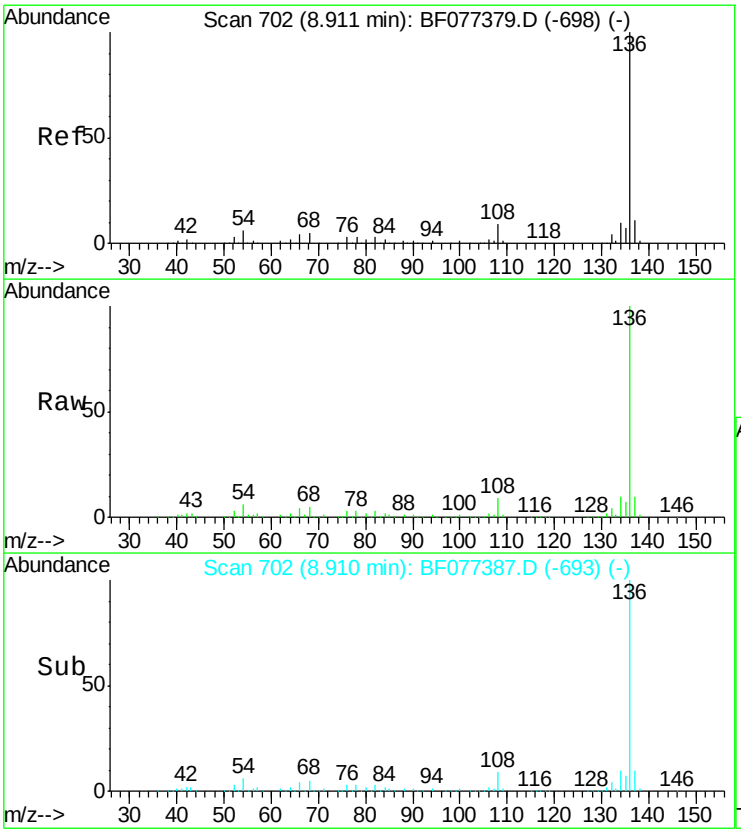
#7
Phenol-d6
Concen: 22.68 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion: 99 Resp: 126297

Ion	Ratio	Lower	Upper
99	100		
42	14.0	16.2	24.4#
71	27.7	26.7	40.1

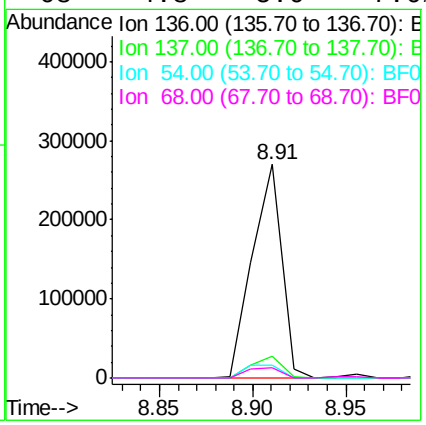


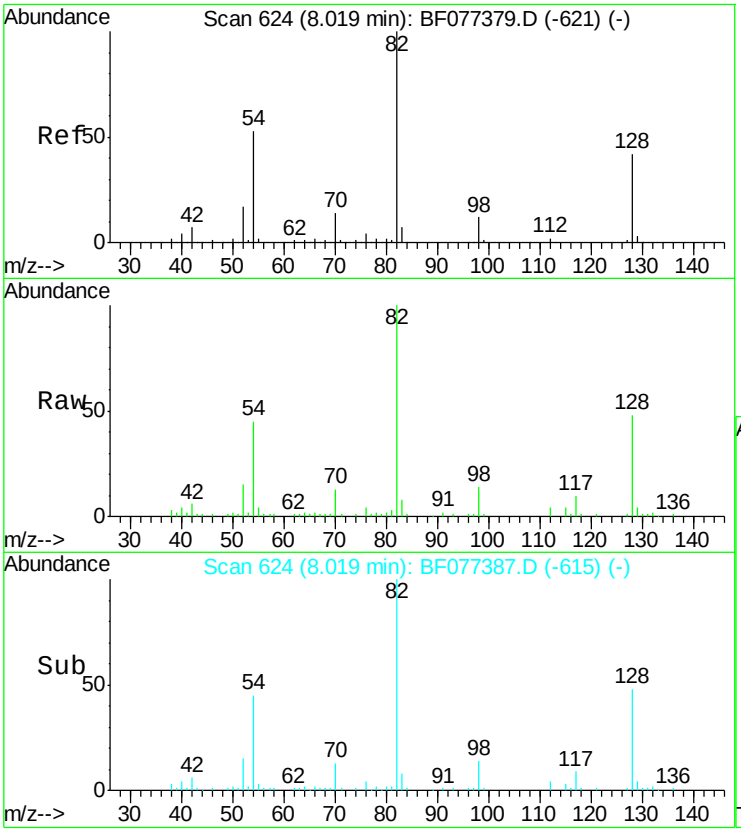


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:136 Resp: 296112

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	6.2	6.2	9.4#
68	4.8	5.0	7.6#



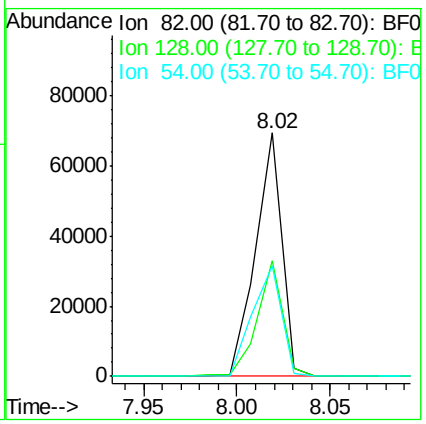


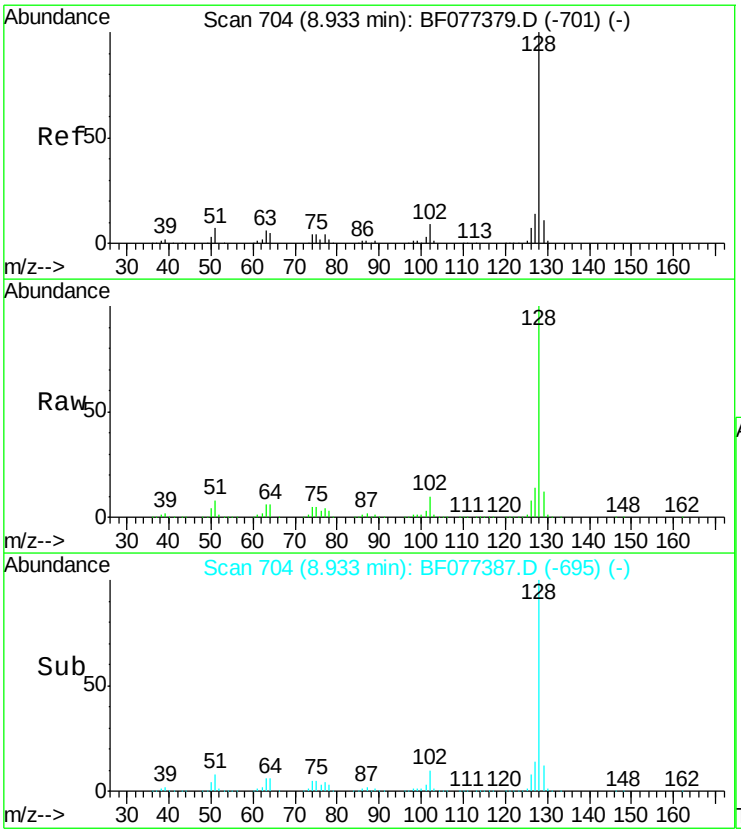
#23
Nitrobenzene-d5
Concen: 14.17 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion: 82 Resp: 67456

Ion	Ratio	Lower	Upper
82	100		
128	47.6	43.8	65.8
54	45.5	36.7	55.1

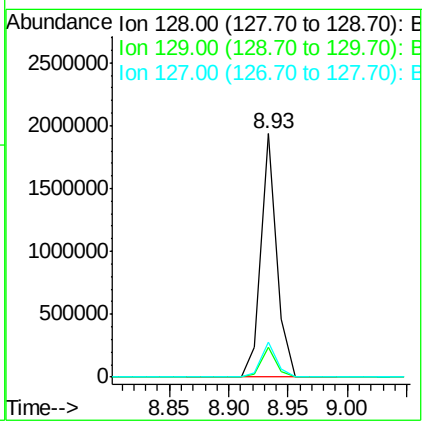


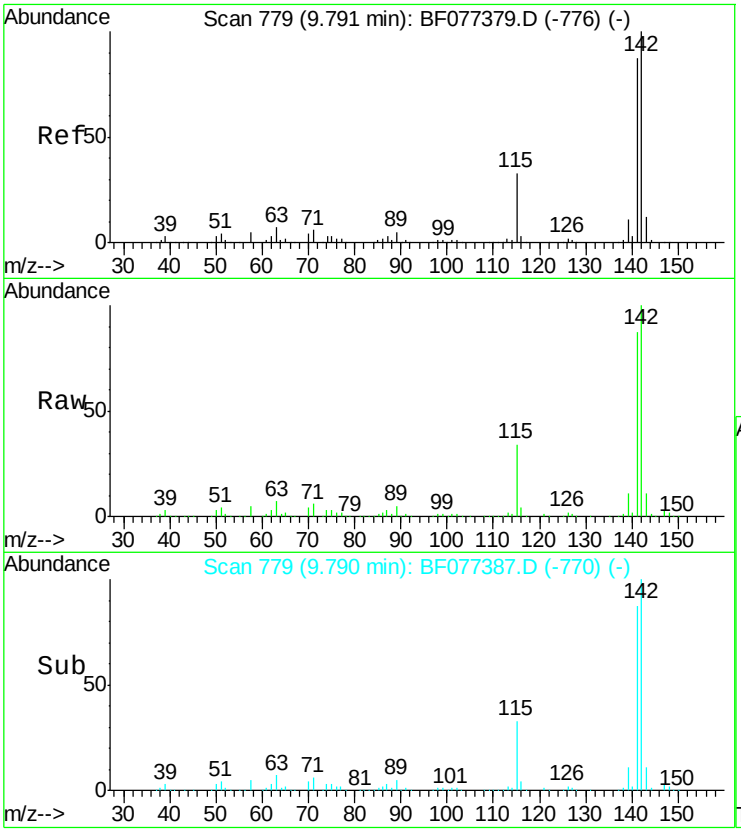


#31
Naphthalene
Concen: 122.50 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:128 Resp: 1813952

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	14.2	10.6	15.8



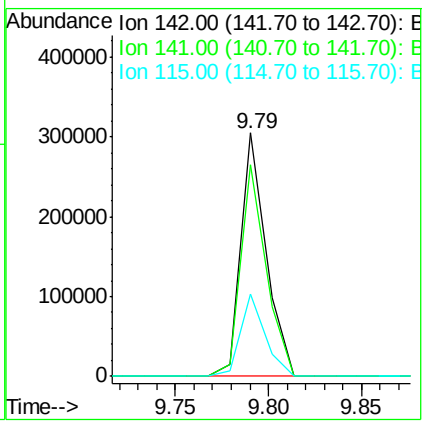


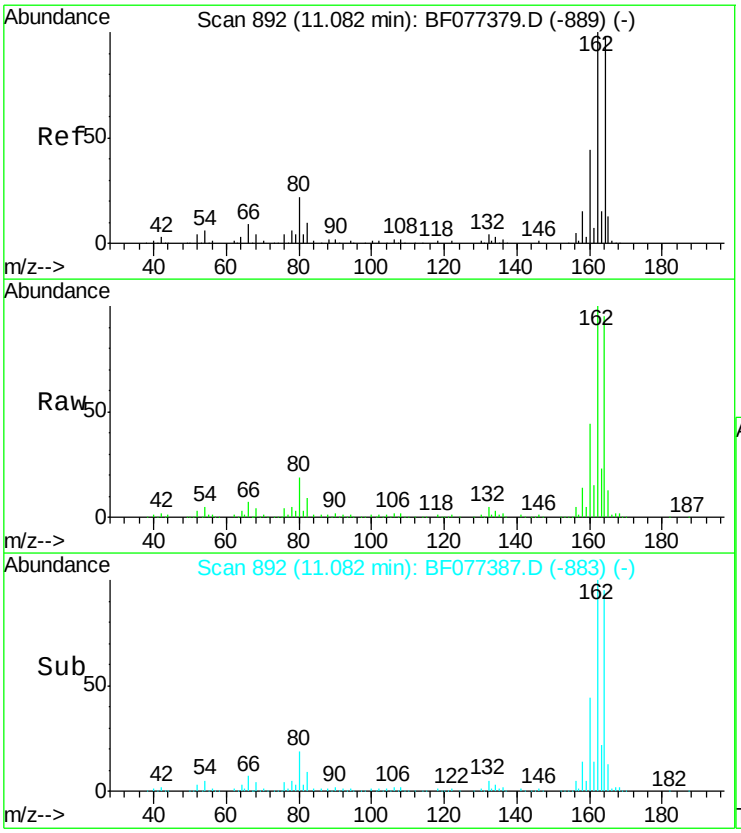
#37
2-Methylnaphthalene
Concen: 27.29 ng
RT: 9.79 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:142 Resp: 286943

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1
115	33.7	24.2	36.4

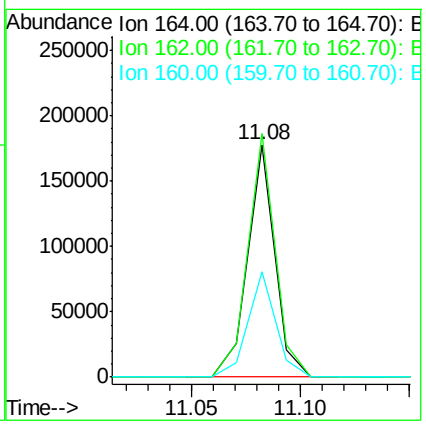


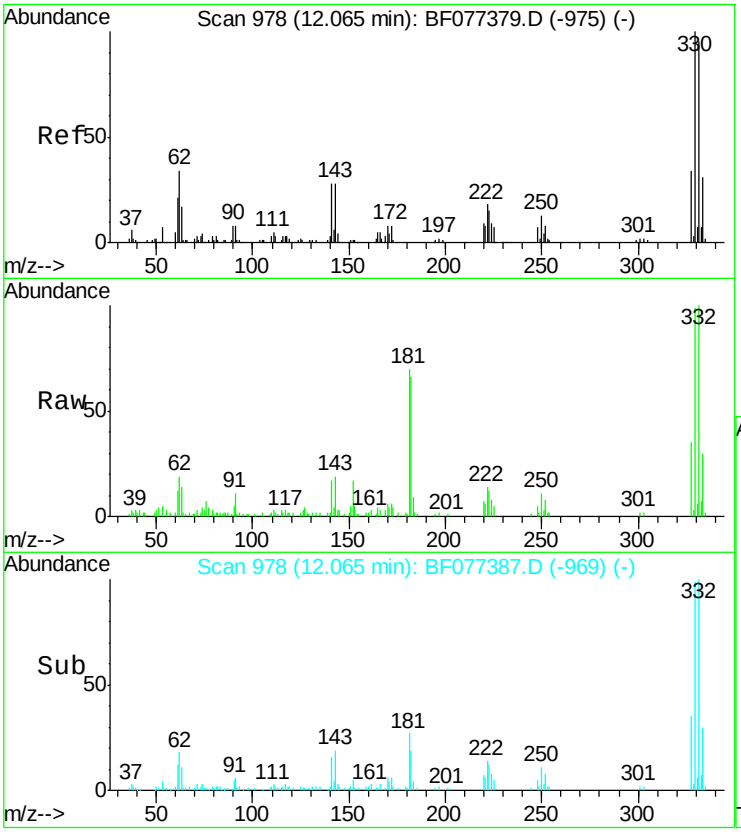


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:164 Resp: 154175

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.2	124.8
160	45.6	34.6	52.0



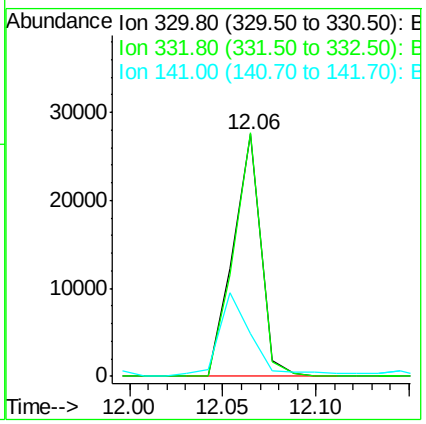


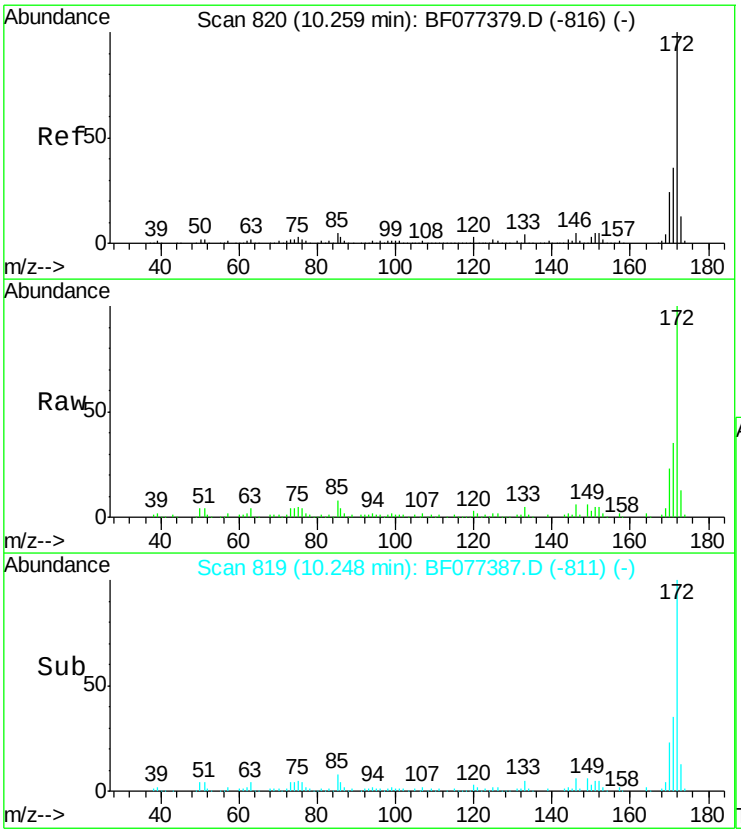
#41
2,4,6-Tribromophenol
Concen: 19.39 ng
RT: 12.06 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:330 Resp: 28792

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.2
141	42.2	28.8	43.2

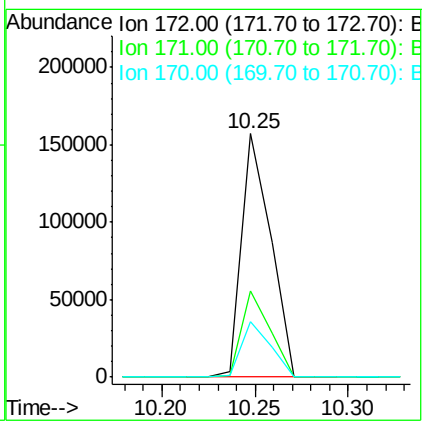


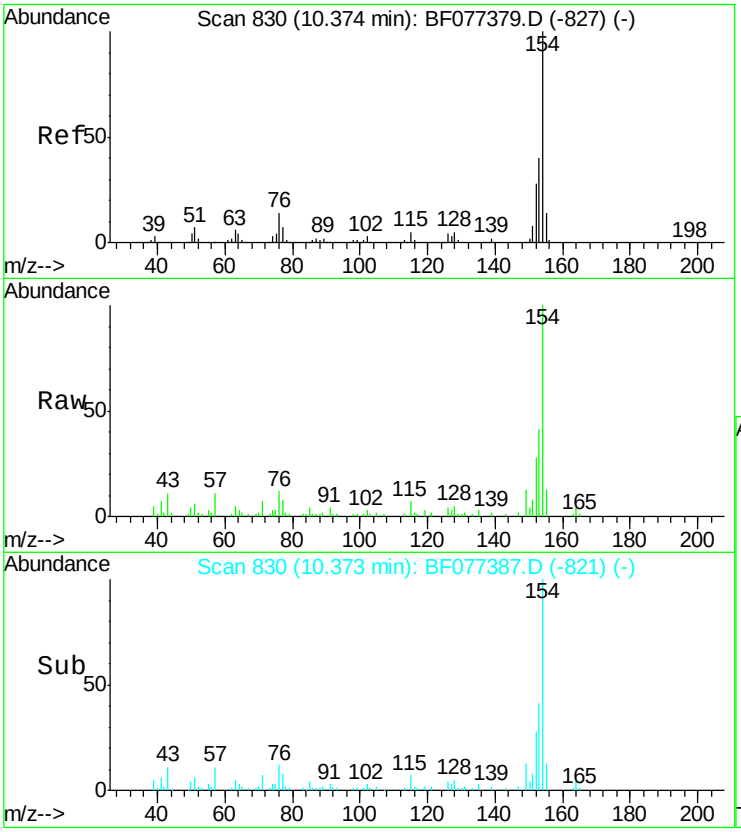


#44
2-Fluorobiphenyl
Concen: 17.23 ng
RT: 10.25 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:172 Resp: 170363

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	22.7	19.4	29.2



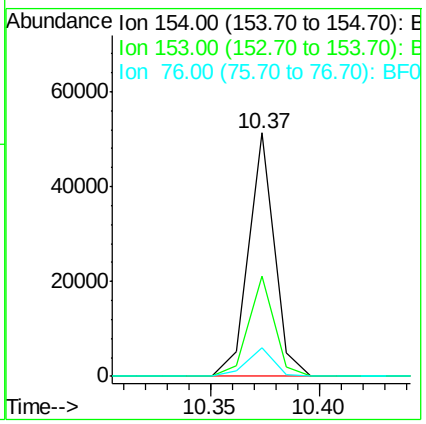


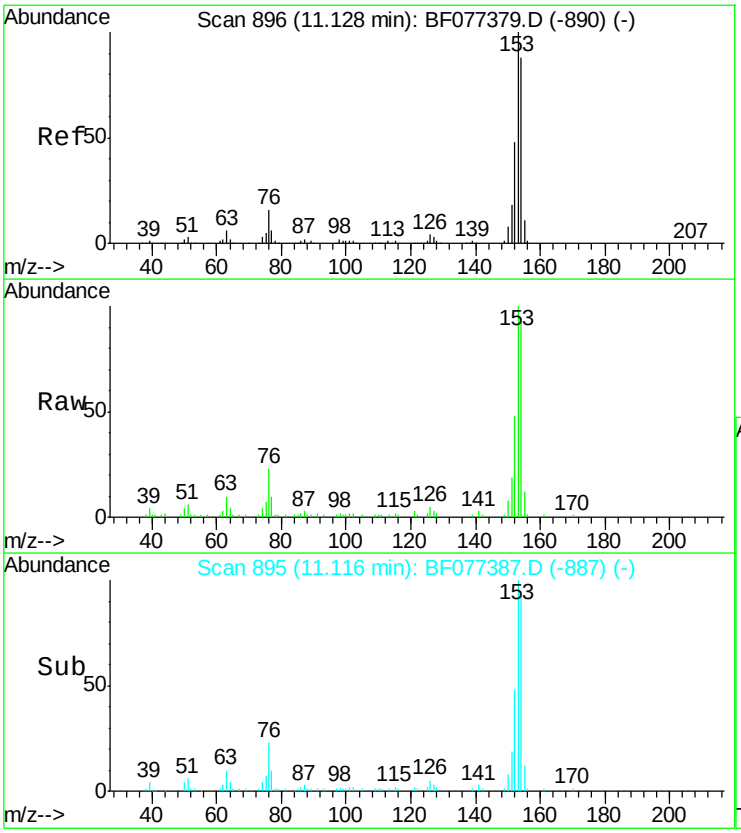
#45
1,1'-Biphenyl
Concen: 3.61 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:154 Resp: 42204

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	11.8	0.0	29.4

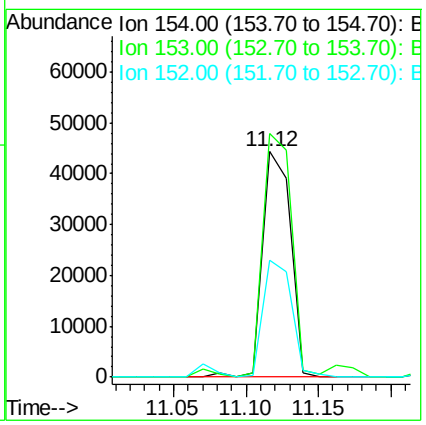


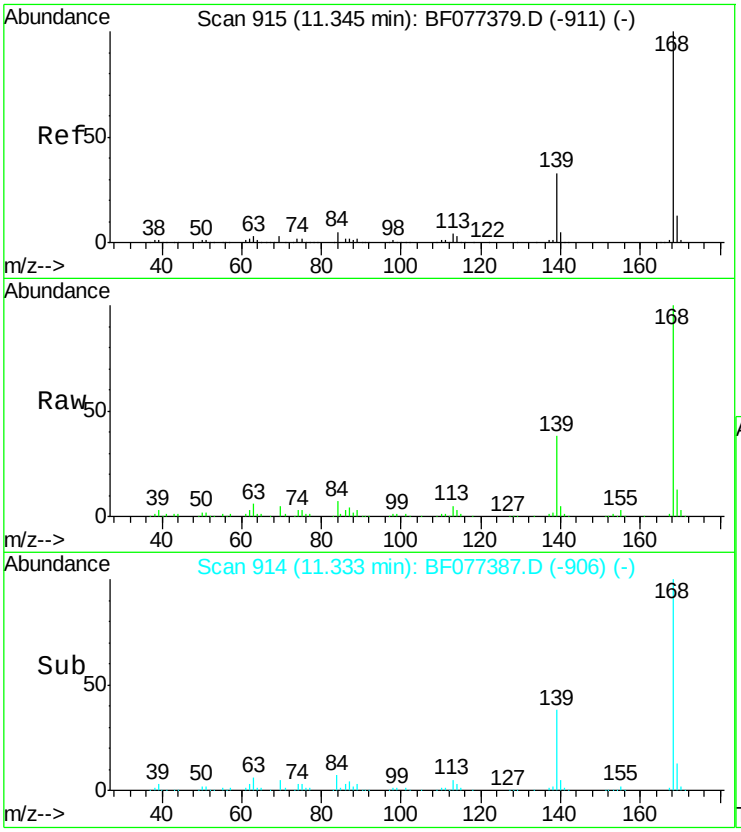


#51
Acenaphthene
Concen: 6.82 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:154 Resp: 58992

Ion	Ratio	Lower	Upper
154	100		
153	108.0	90.5	135.7
152	52.0	43.5	65.3



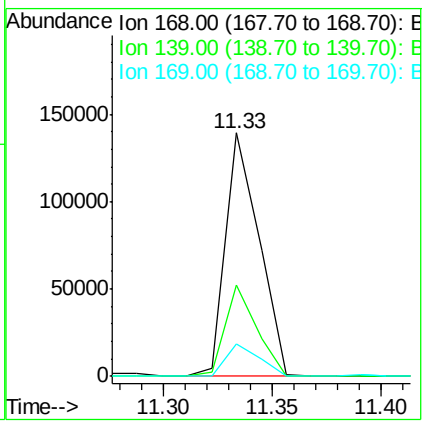


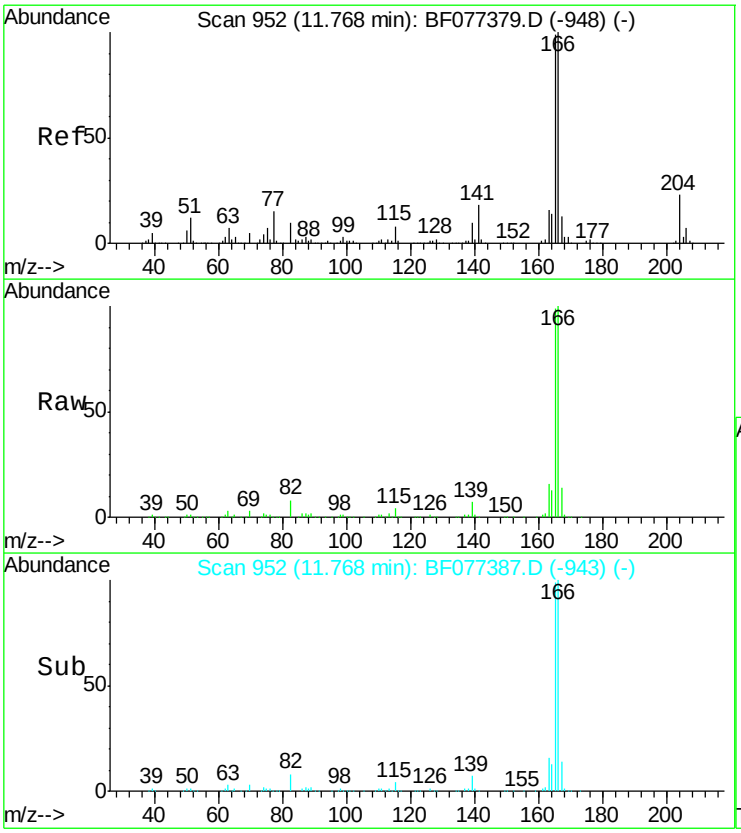
#54
Dibenzofuran
Concen: 11.12 ng
RT: 11.33 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:168 Resp: 148519

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.3	43.9
169	13.1	10.9	16.3

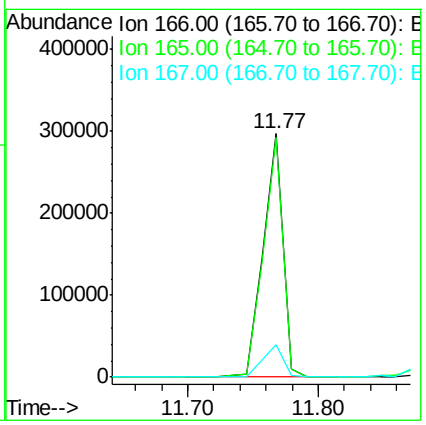


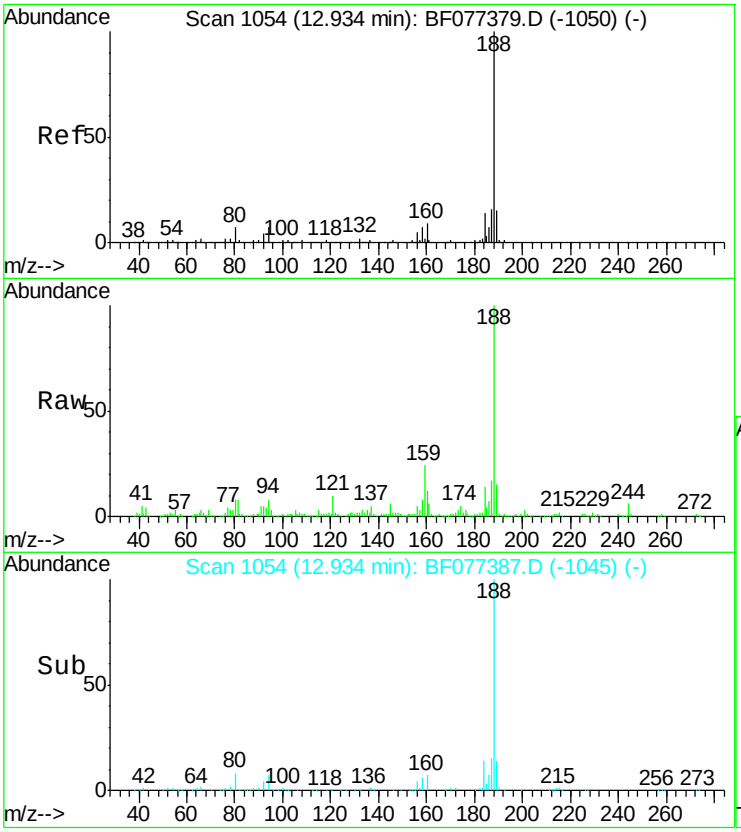


#57
Fluorene
Concen: 29.42 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:166 Resp: 314323

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.6	116.4
167	13.5	10.6	16.0



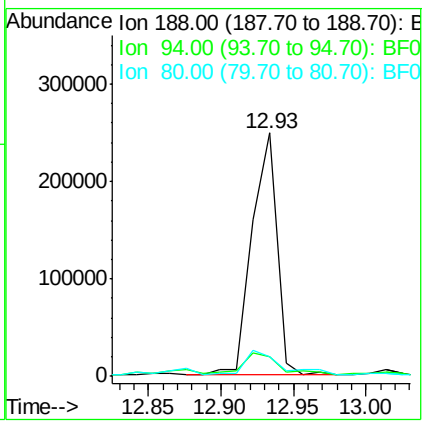


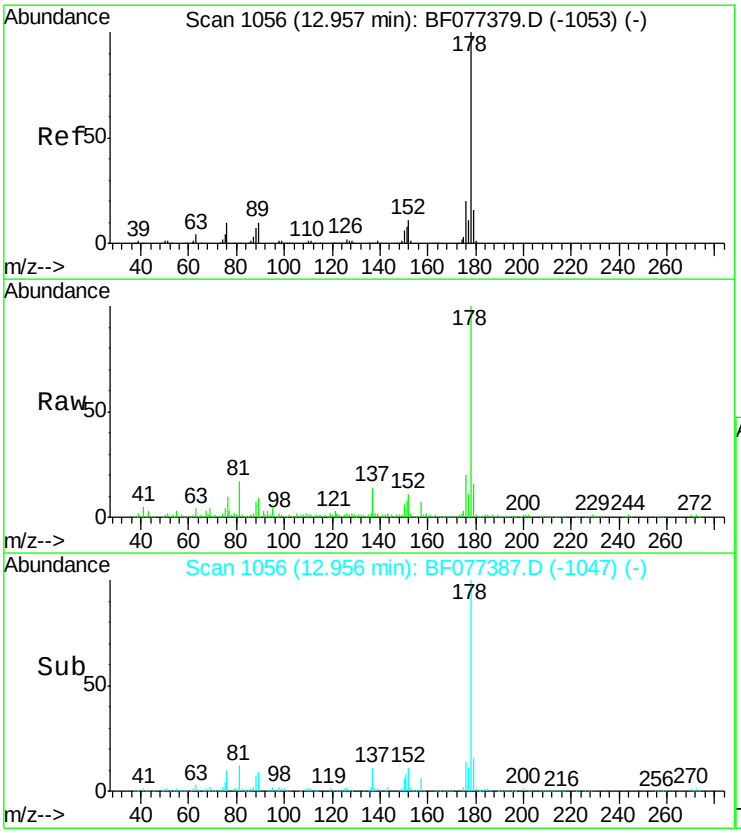
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:188 Resp: 299011

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.4	11.2
80	8.3	8.0	12.0

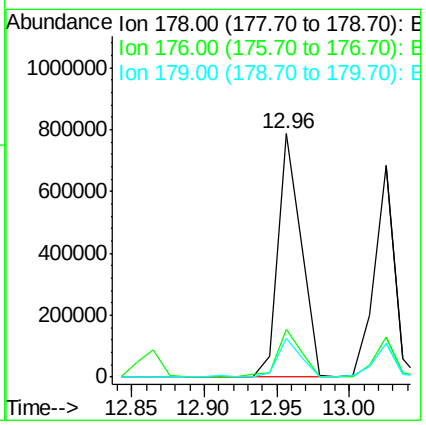


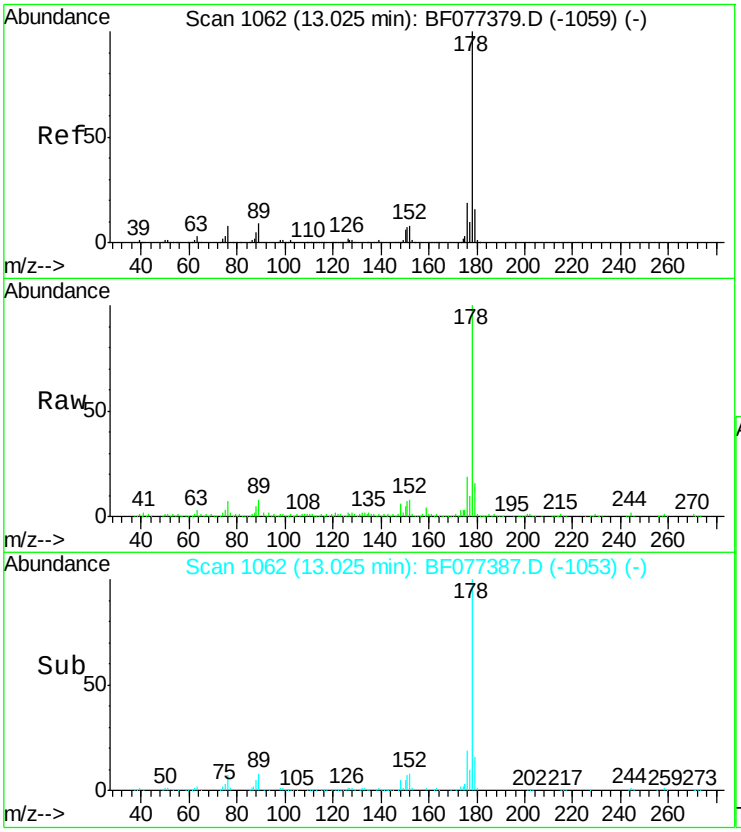


#70
Phenanthrene
Concen: 49.96 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:178 Resp: 865899

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.9	12.2	18.2



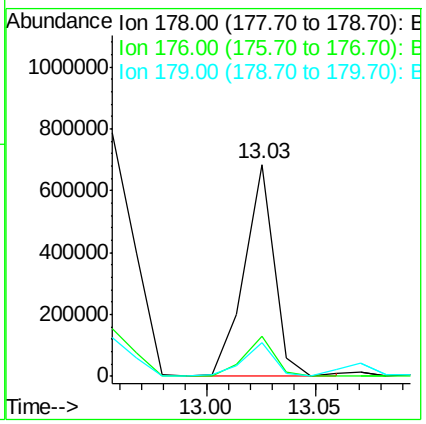


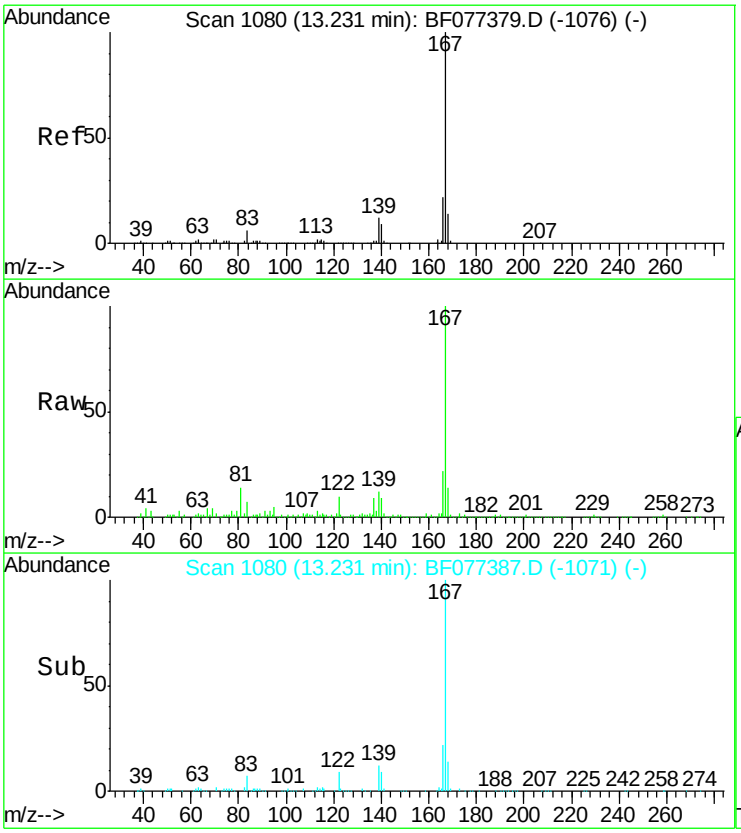
#71
Anthracene
Concen: 37.95 ng
RT: 13.03 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:178 Resp: 652701

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.9	12.9	19.3

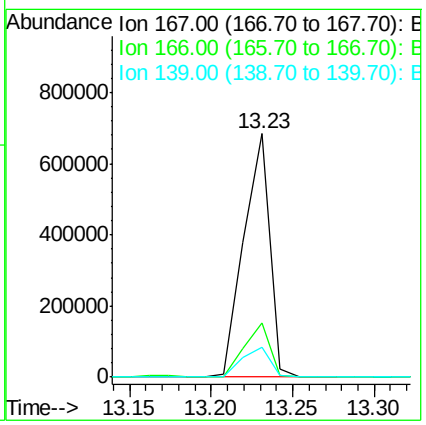


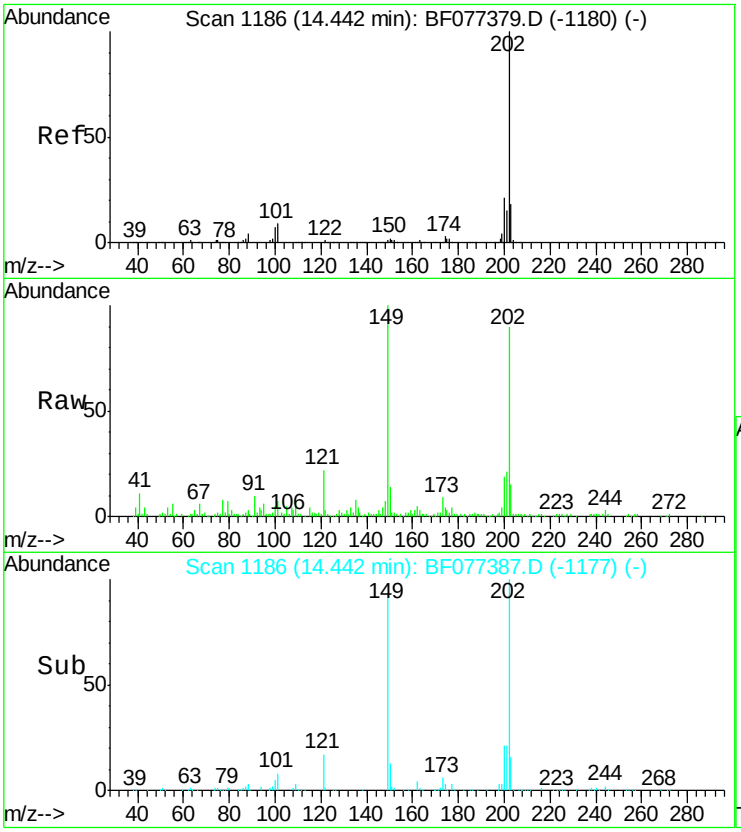


#72
Carbazole
Concen: 45.89 ng
RT: 13.23 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:167 Resp: 750432

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.3	9.9	14.9



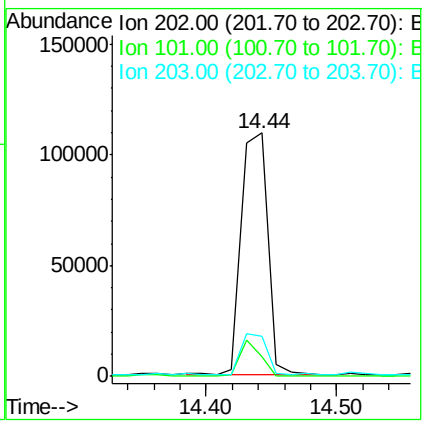


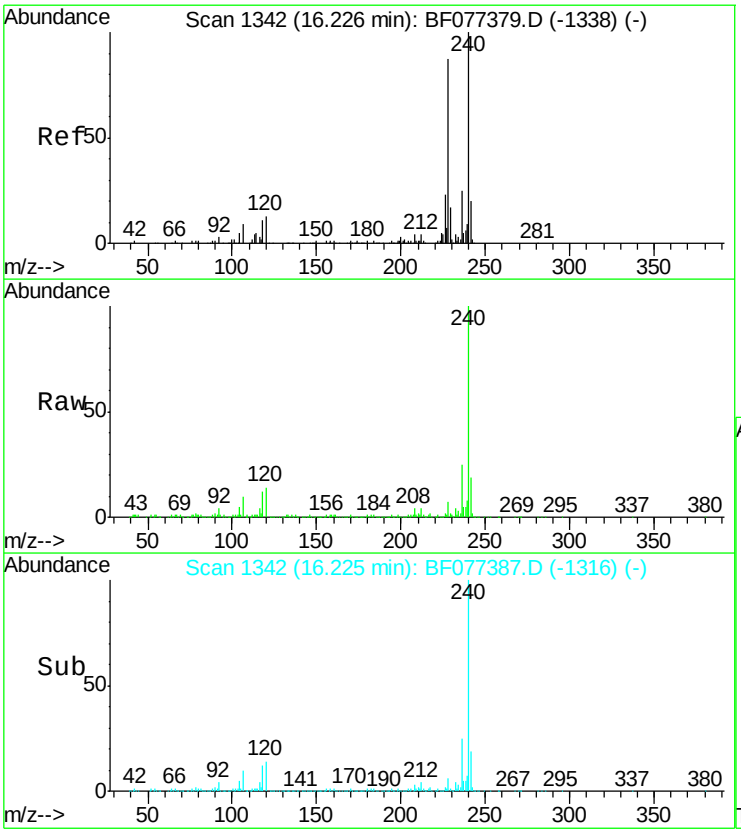
#74
Fluoranthene
Concen: 8.09 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:202 Resp: 153125

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	30.8
203	16.4	0.0	37.7

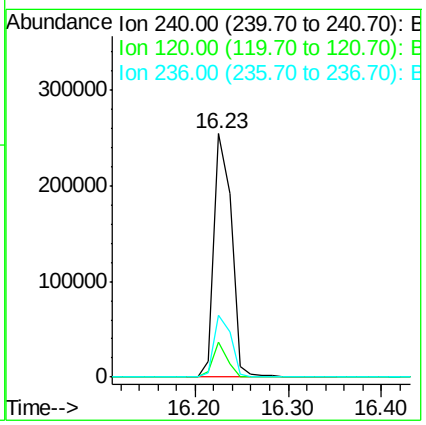


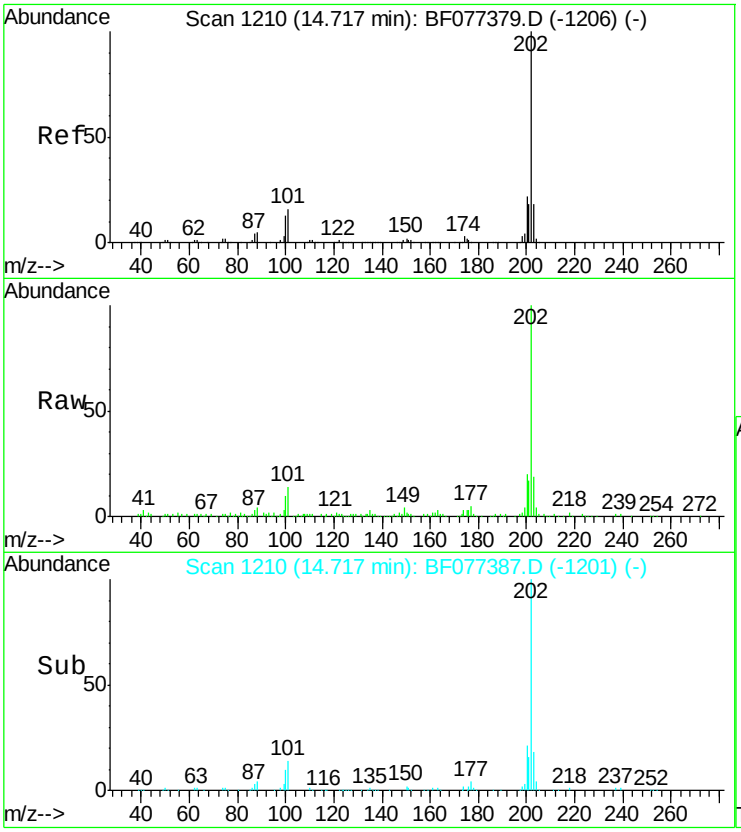


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:240 Resp: 331984

Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.8	13.2#
236	25.2	20.7	31.1



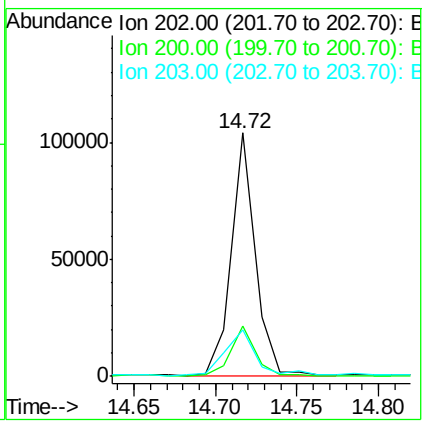


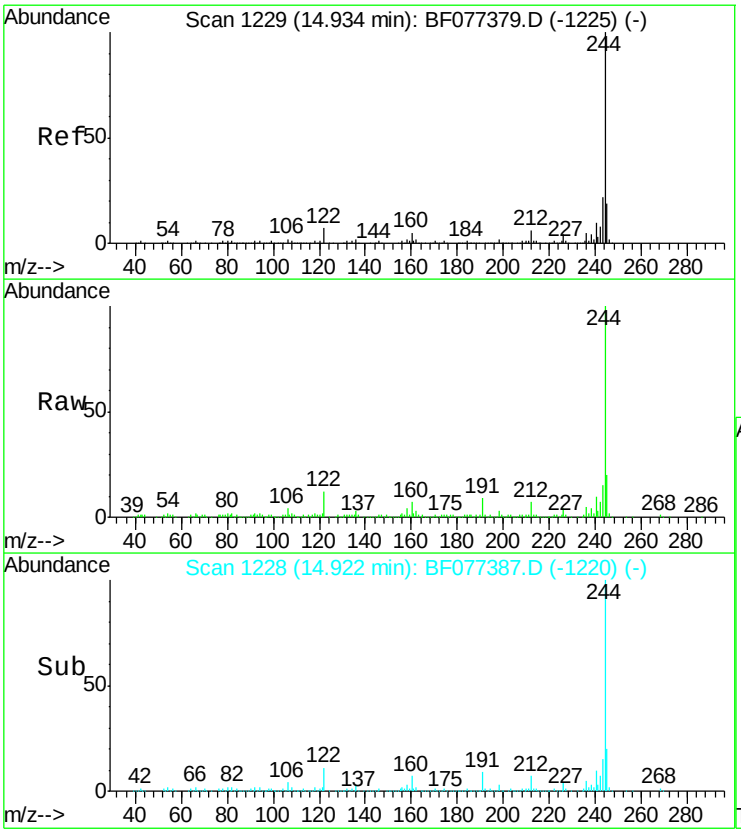
#77
Pyrene
Concen: 5.16 ng
RT: 14.72 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:202 Resp: 104755

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.1	25.7
203	19.3	14.2	21.2

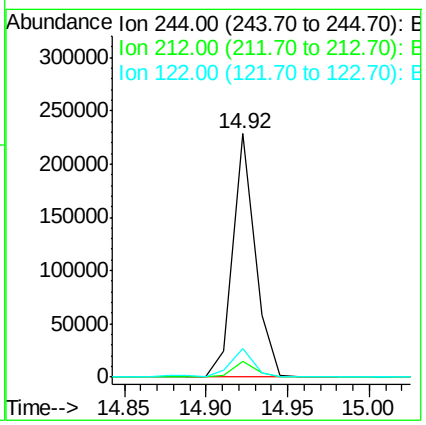


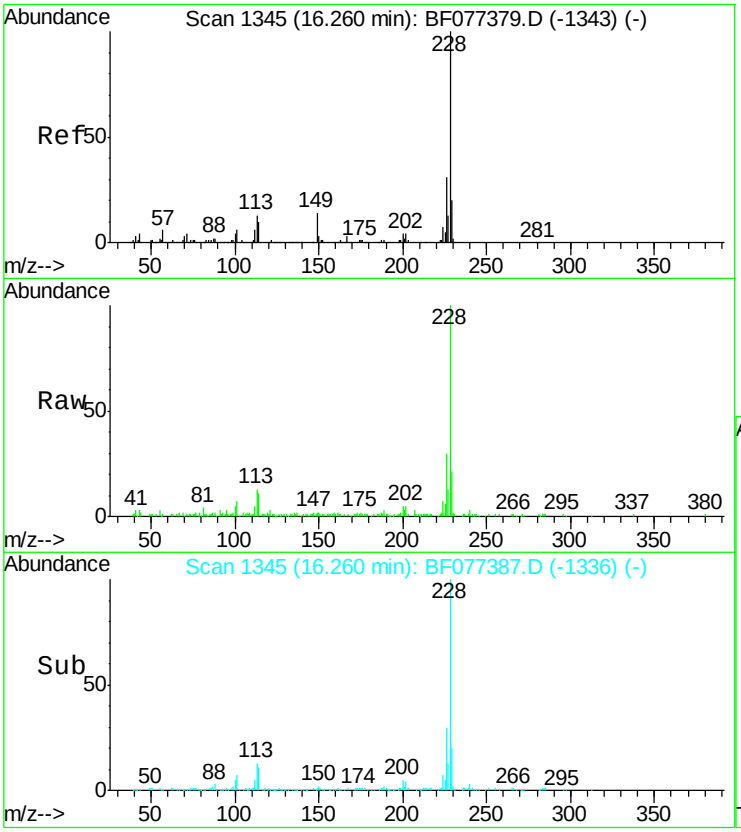


#78
Terphenyl-d14
Concen: 15.14 ng
RT: 14.92 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:244 Resp: 214945

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.7	7.8	11.8



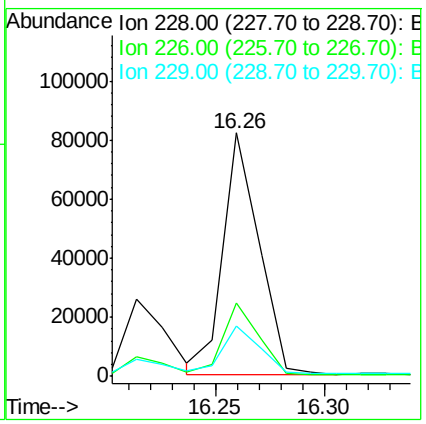


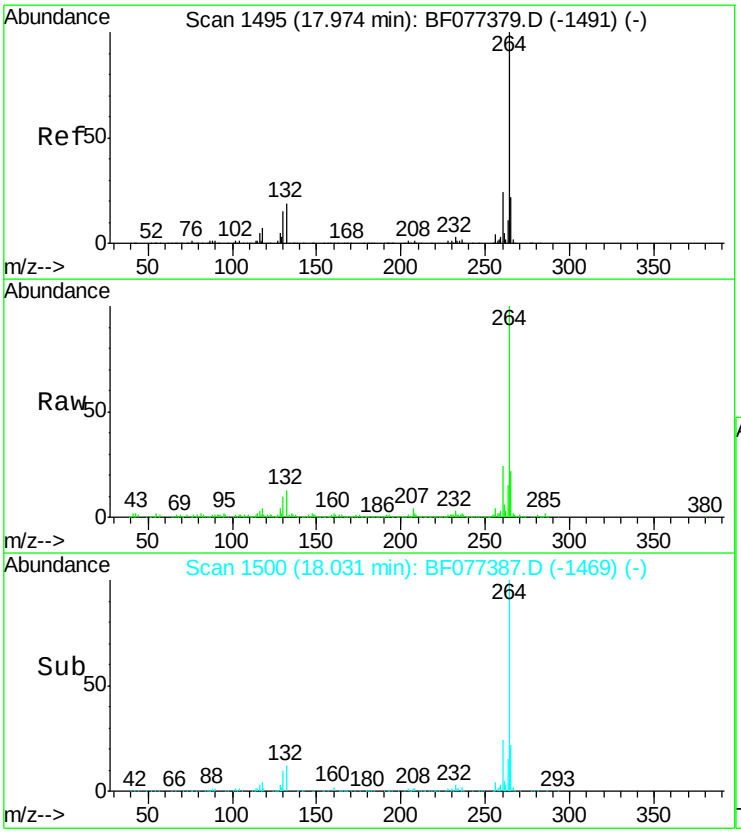
#82
Chrysene
Concen: 5.12 ng
RT: 16.26 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

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

Tgt Ion:228 Resp: 93467

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.5	16.4	24.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.03 min Scan# 1500
Delta R.T. 0.06 min
Lab File: BF077387.D
Acq: 20 Feb 2015 17:46

Tgt Ion:264 Resp: 332578

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.9	16.8	25.2