Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077333.D
Acq On : 18 Feb 2015 00:46
Operator : TP/IZ
Sample : G1295-02
Misc : TCLP
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 18 10:52:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	59128	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	237850	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	113705	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	233242	20.00	ng	0.00
75) Chrysene-d12	16.28	240	225622	20.00	ng	0.01
86) Perylene-d12	18.03	264	226414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	439371	126.99	ng	0.01
7) Phenol-d6	6.92	99	513511	113.61	ng	0.00
23) Nitrobenzene-d5	8.06	82	329134	95.83	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	163327	153.97	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	831746	110.28	ng	0.00
78) Terphenyl-d14	14.98	244	908574	91.55	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.88	107	9350	2.22	ng	# 65
27) 2,4-Dimethylphenol	8.53	122	16753	4.75	ng	95
31) Naphthalene	8.99	128	1906332	160.18	ng	98
37) 2-Methylnaphthalene	9.85	142	143957	16.82	ng	98
51) Acenaphthene	11.17	154	17414	2.64	ng	99
54) Dibenzofuran	11.39	168	21827	2.18	ng	97
57) Fluorene	11.81	166	35894	4.58	ng	99
70) Phenanthrene	13.01	178	51417	3.79	ng	98
72) Carbazole	13.28	167	360105	30.39	ng	99

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

Quantitation Report (QT Reviewed)

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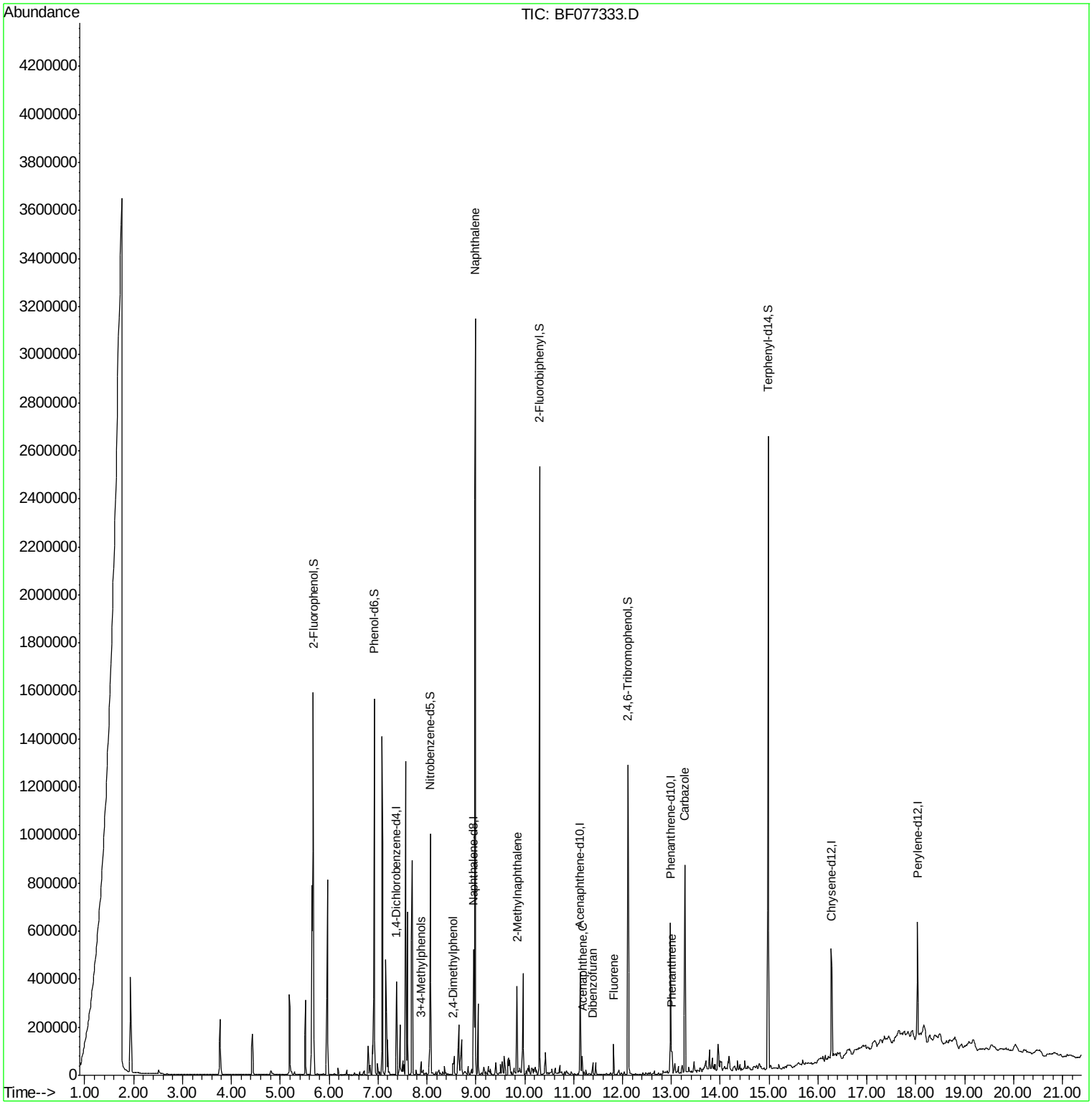
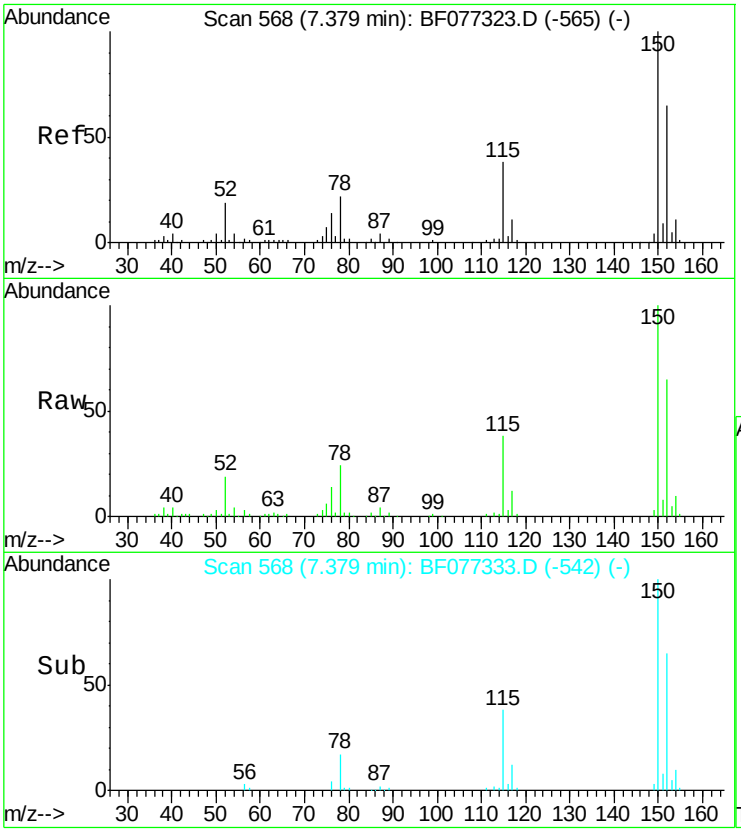
Acq On : 18 Feb 2015 00:46
Operator : TP/IZ
Sample : G1295-02
Misc : TCLP
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 18 10:52:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration



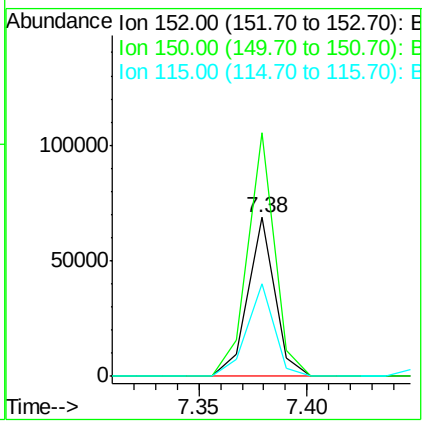


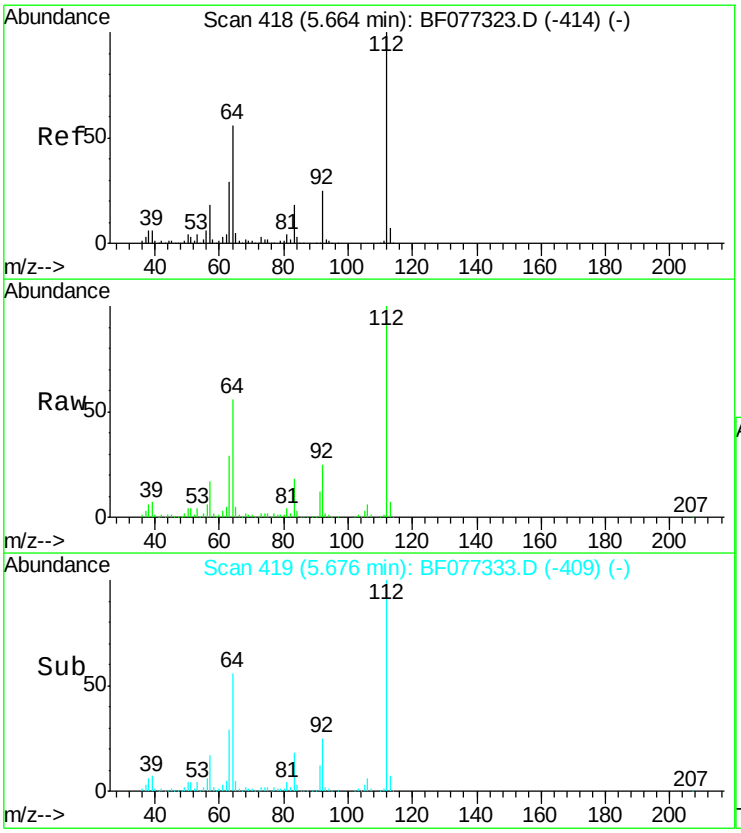
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:152 Resp: 59128

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.1	184.7
115	58.3	46.2	69.4

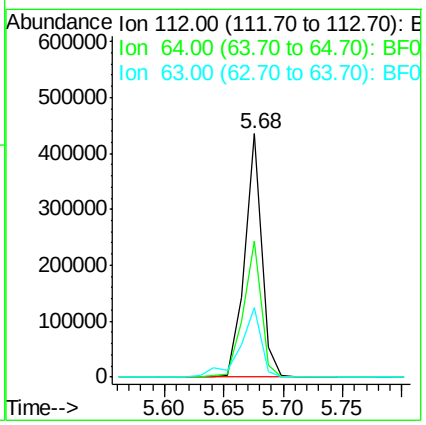


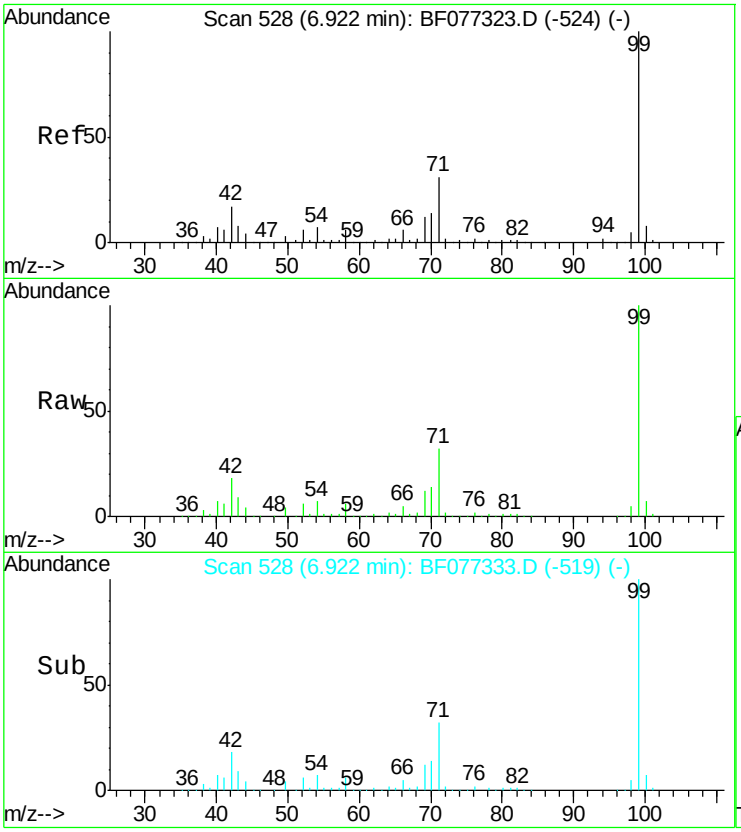


#5
2-Fluorophenol
Concen: 126.99 ng
RT: 5.68 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:112 Resp: 439371

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.7	67.1
63	28.7	23.3	34.9



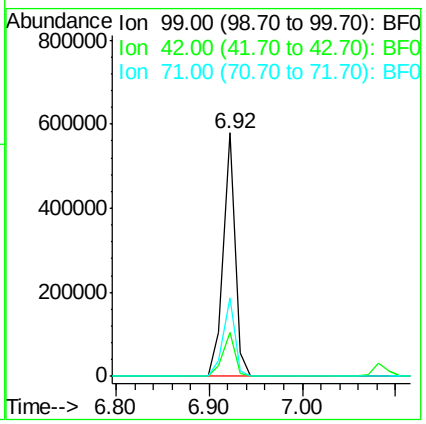


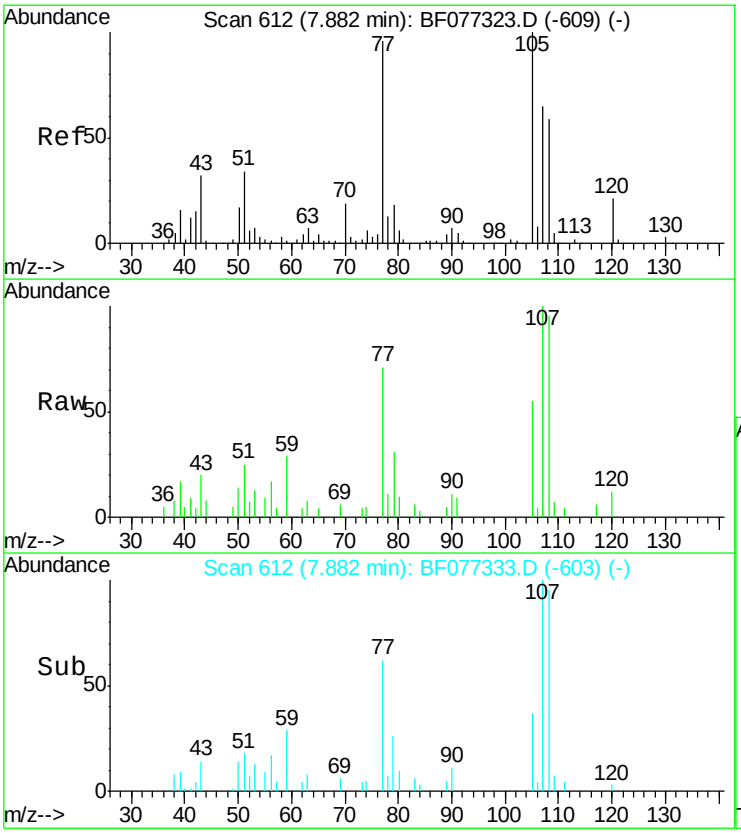
#7
Phenol-d6
Concen: 113.61 ng
RT: 6.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion: 99 Resp: 513511

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.8	20.6
71	32.2	24.6	37.0

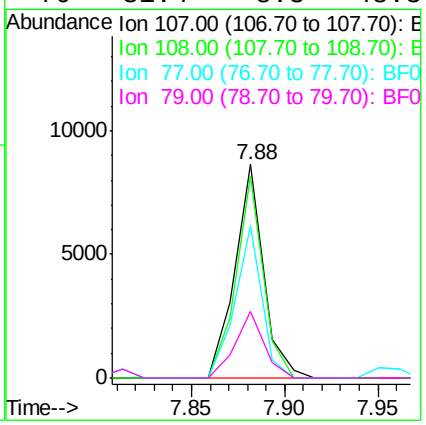


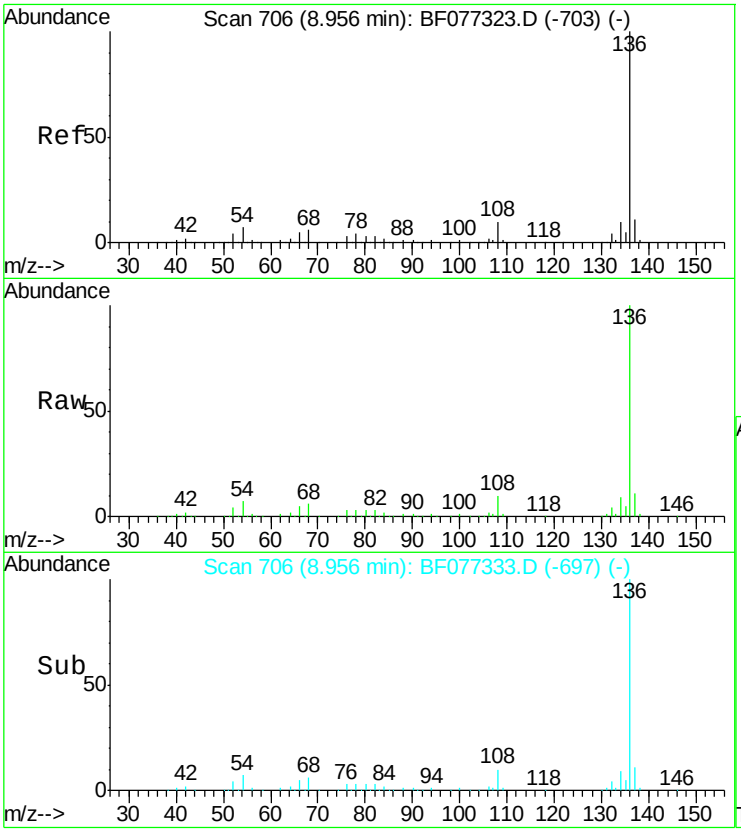


#20
3+4-Methylphenols
Concen: 2.22 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:107 Resp: 9350

Ion	Ratio	Lower	Upper
107	100		
108	94.5	70.6	110.6
77	71.1	126.5	166.5#
79	31.4	8.3	48.3



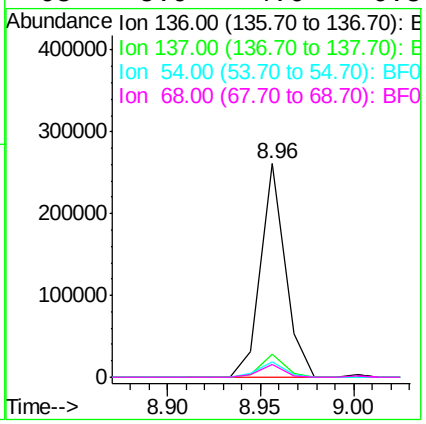


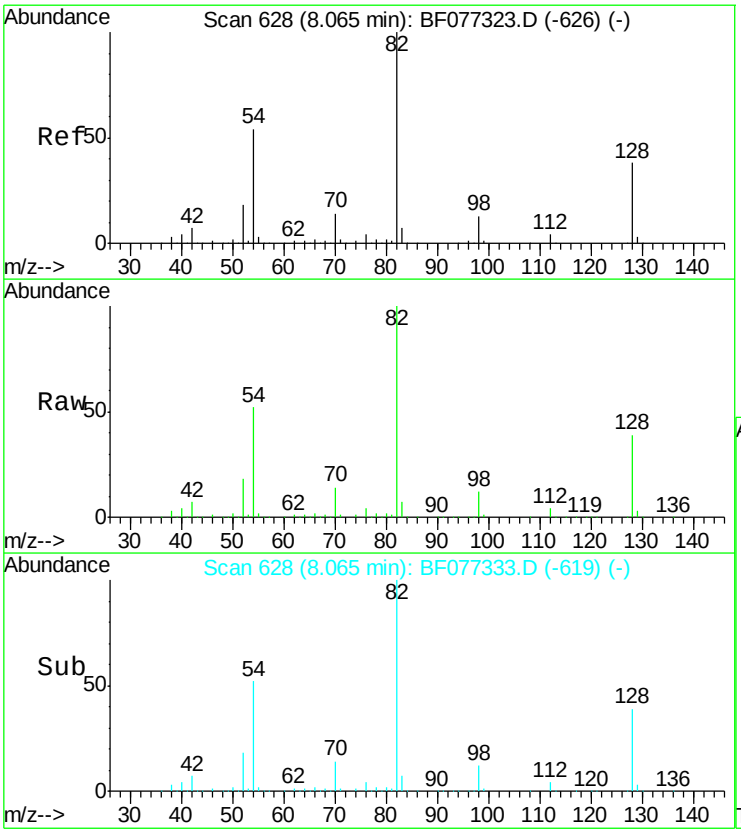
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:136 Resp: 237850

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.3	5.8	8.6
68	5.9	4.6	6.8

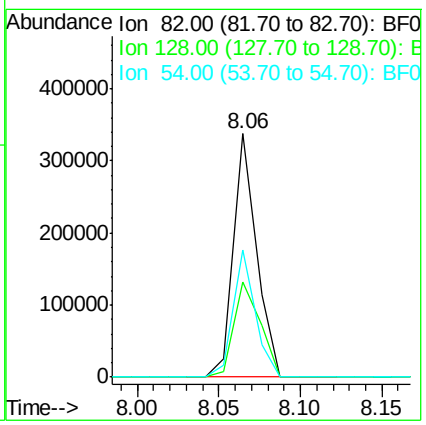


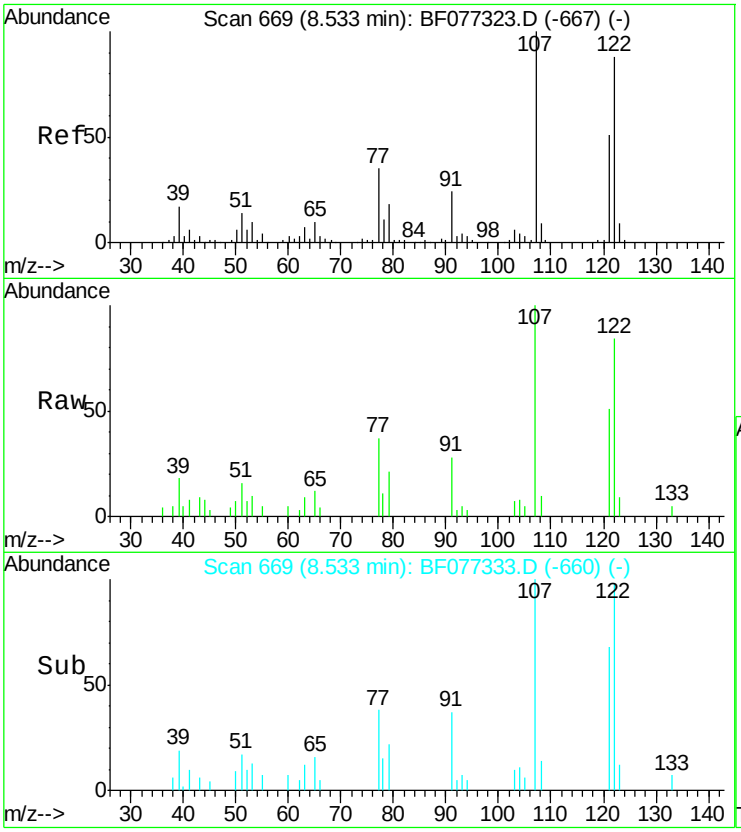


#23
Nitrobenzene-d5
Concen: 95.83 ng
RT: 8.06 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion: 82 Resp: 329134

Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.7	46.1
54	52.4	43.1	64.7



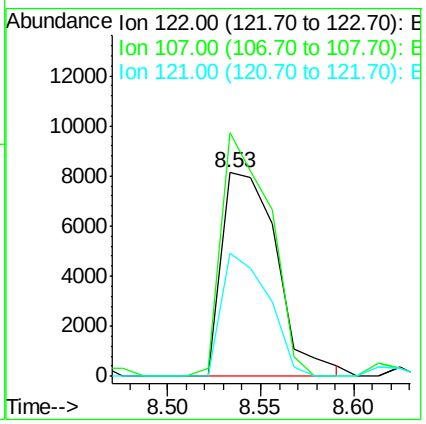


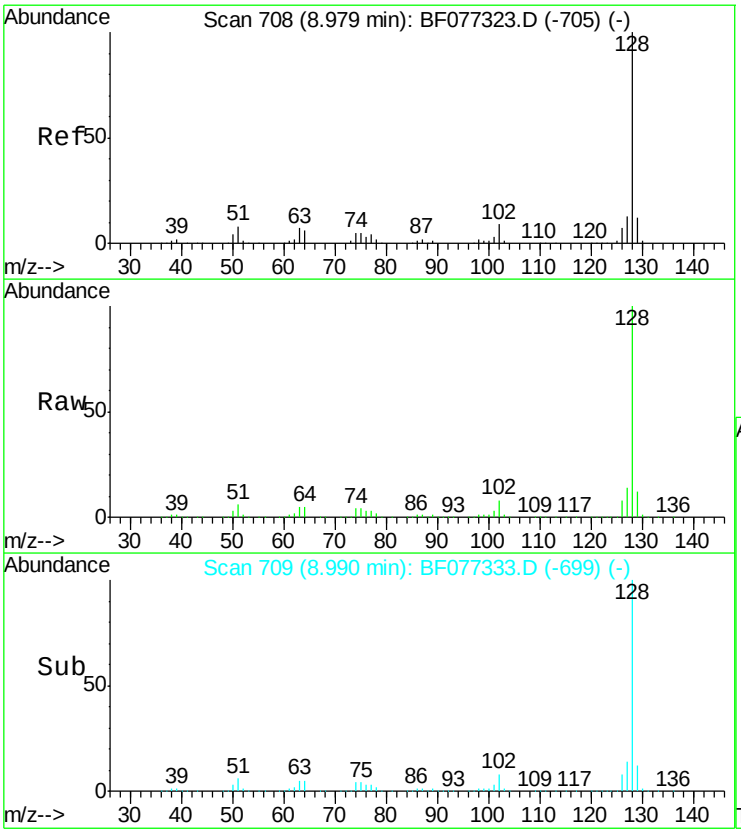
#27
2,4-Dimethylphenol
Concen: 4.75 ng
RT: 8.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:122 Resp: 16753

Ion	Ratio	Lower	Upper
122	100		
107	119.6	90.6	135.8
121	60.6	46.2	69.2

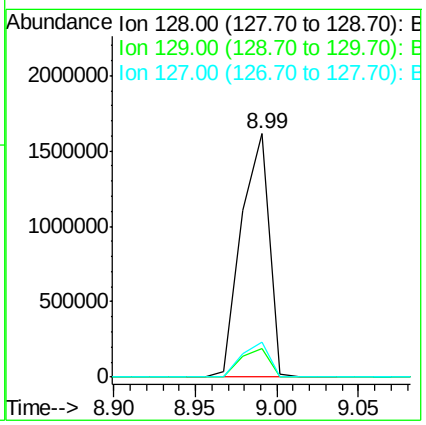


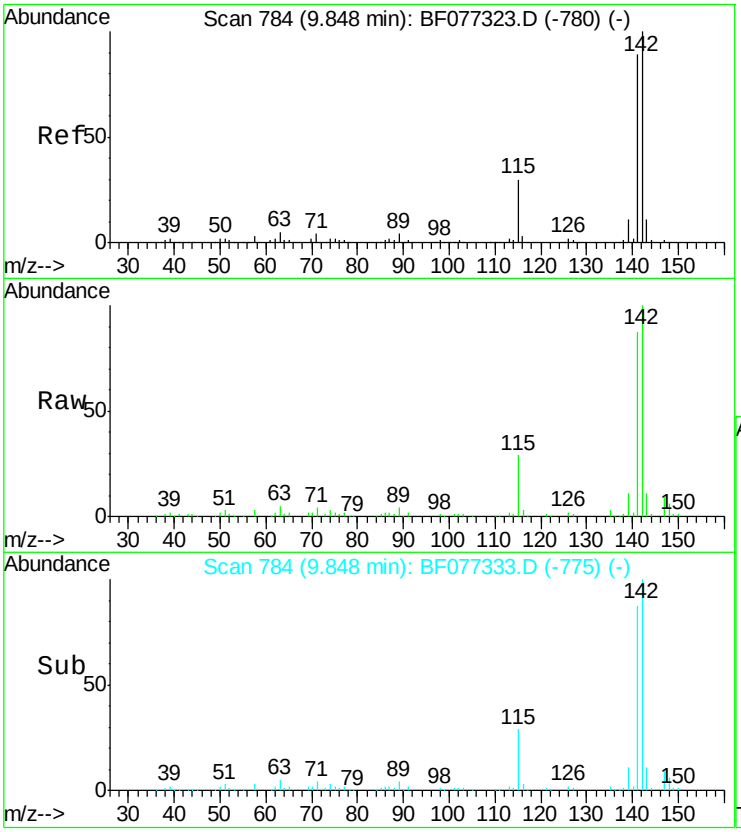


#31
Naphthalene
Concen: 160.18 ng
RT: 8.99 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:128 Resp: 1906332

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.2	10.5	15.7



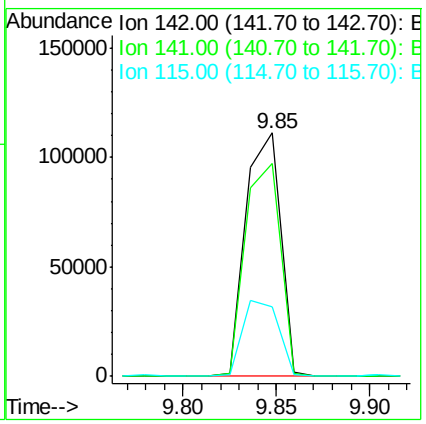


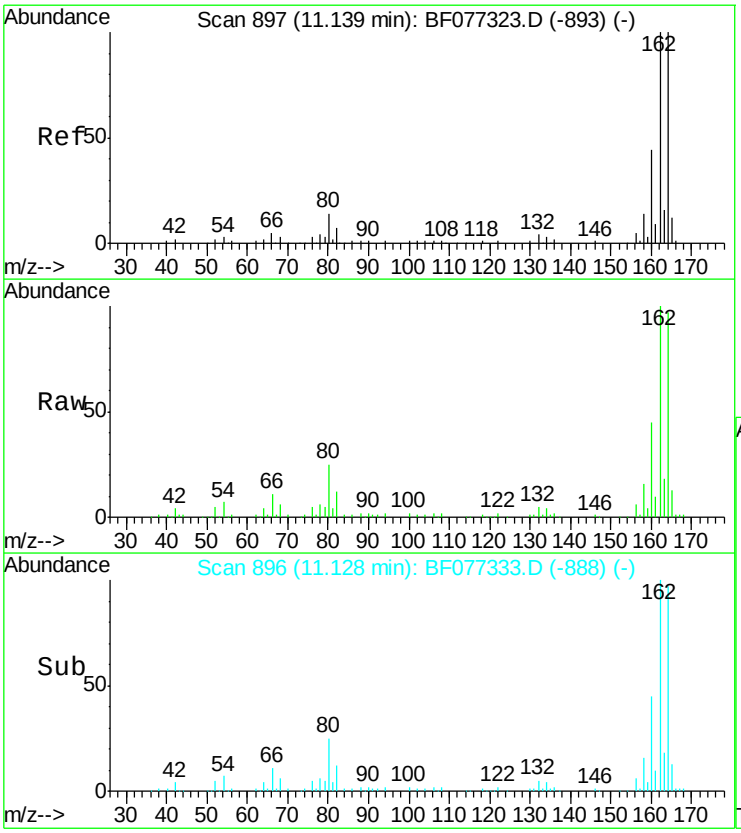
#37
2-Methylnaphthalene
Concen: 16.82 ng
RT: 9.85 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:142 Resp: 143957

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.2	106.8
115	28.7	23.8	35.8

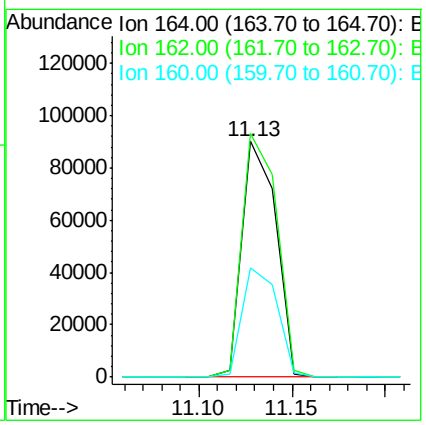


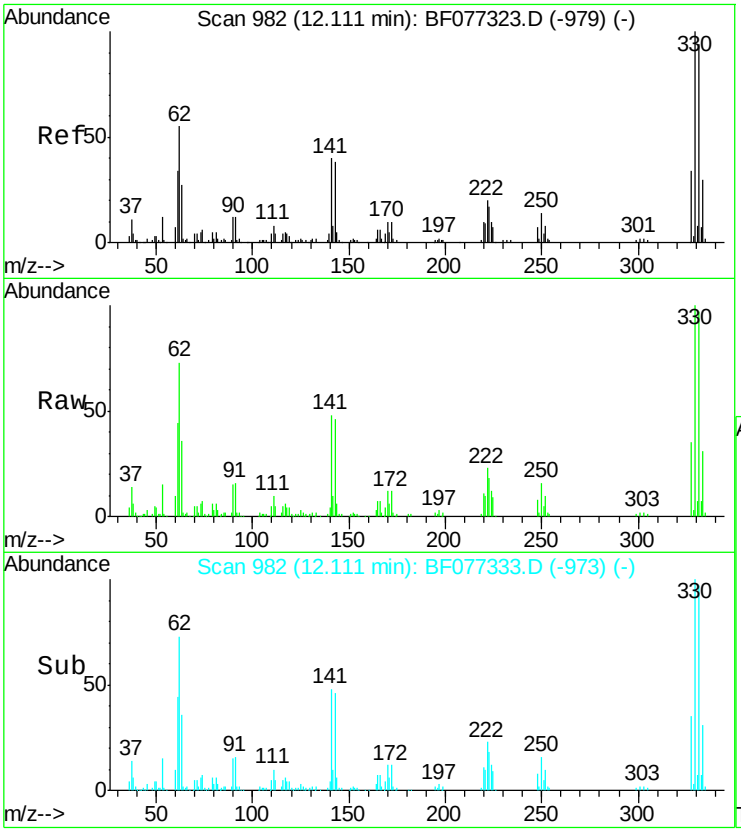


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:164 Resp: 113705

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.4	120.6
160	46.5	35.3	52.9



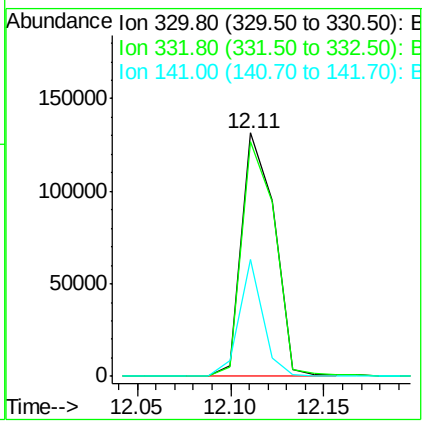


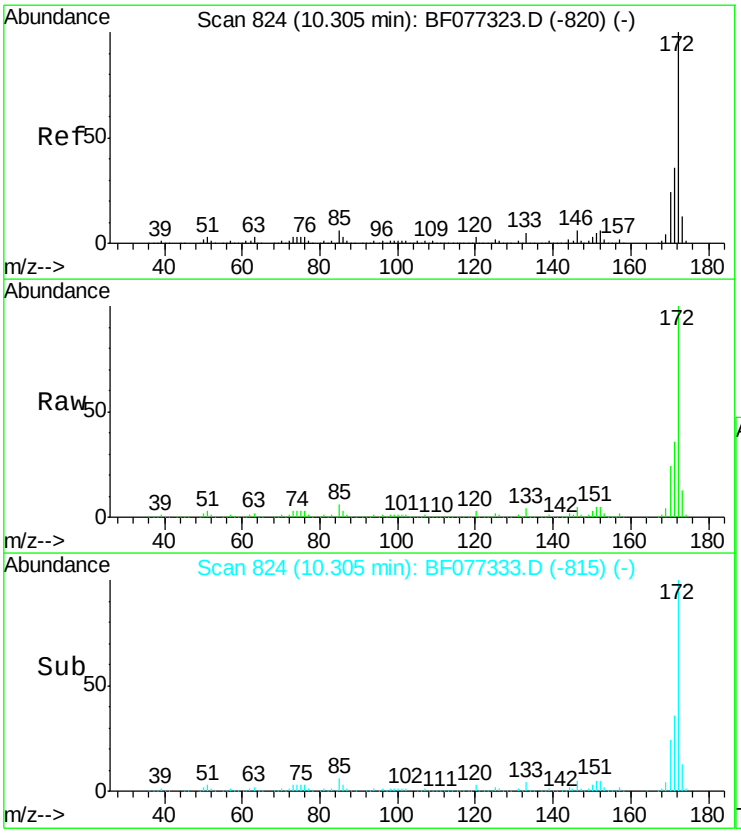
#41
2,4,6-Tribromophenol
Concen: 153.97 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:330 Resp: 163327

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.1	114.1
141	34.7	28.5	42.7

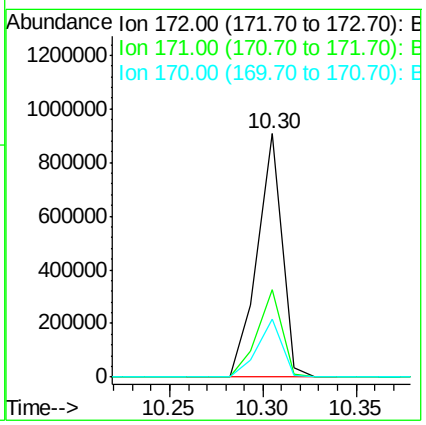


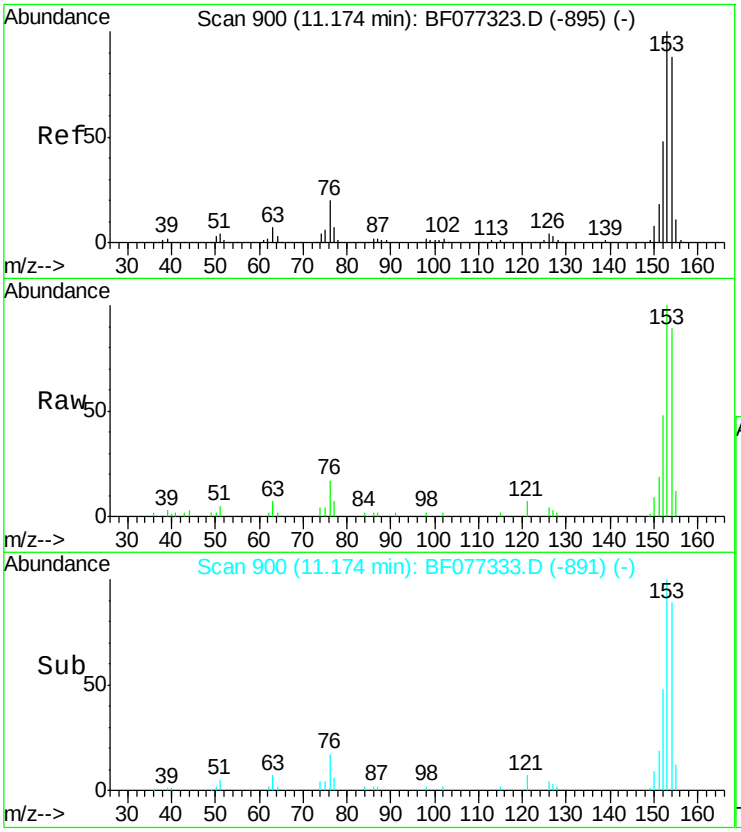


#44
2-Fluorobiphenyl
Concen: 110.28 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:172 Resp: 831746

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.9	19.4	29.2



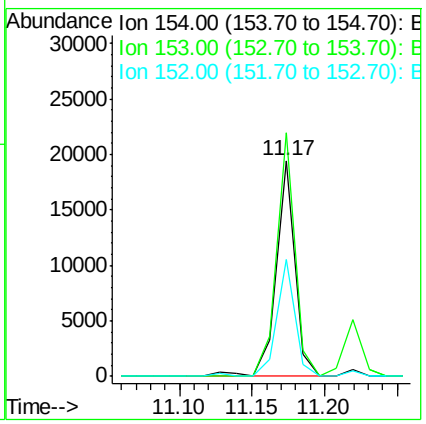


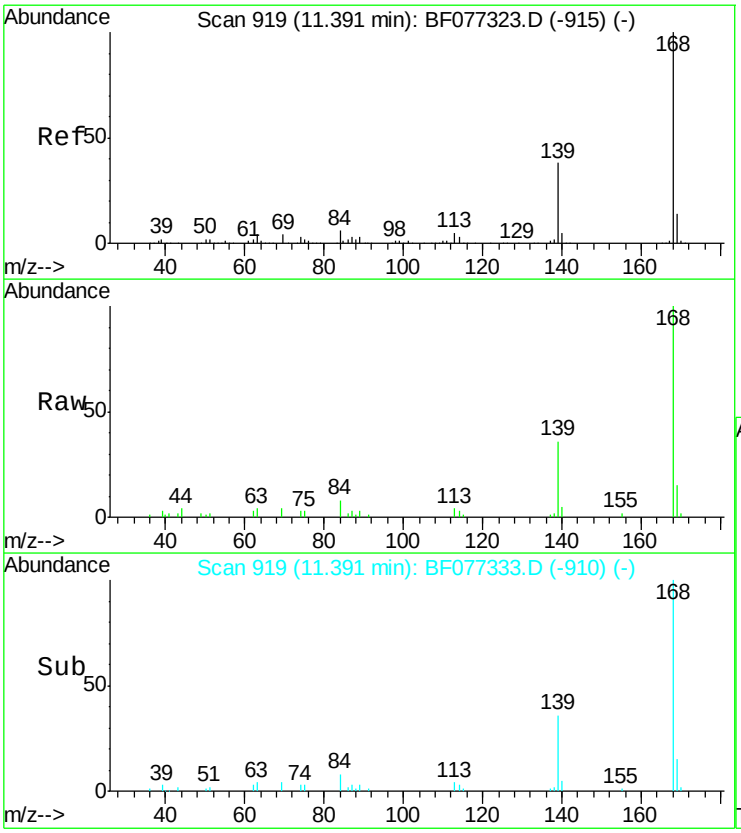
#51
Acenaphthene
Concen: 2.64 ng
RT: 11.17 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:154 Resp: 17414

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.9	136.3
152	54.2	43.5	65.3

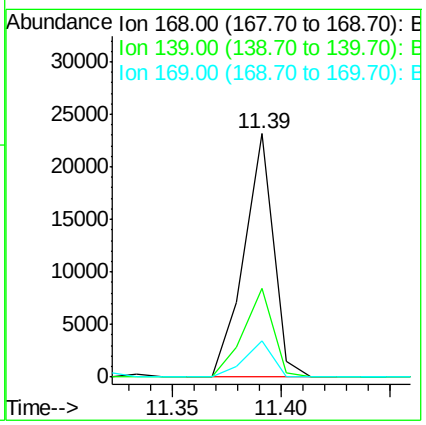


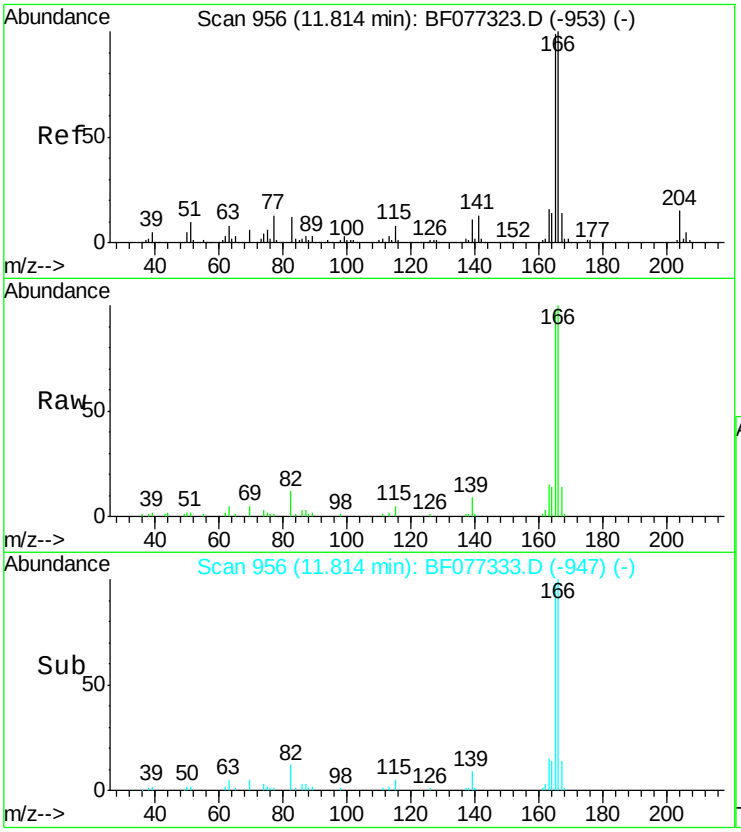


#54
Dibenzofuran
Concen: 2.18 ng
RT: 11.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:168 Resp: 21827

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.6	45.8
169	15.0	11.0	16.4



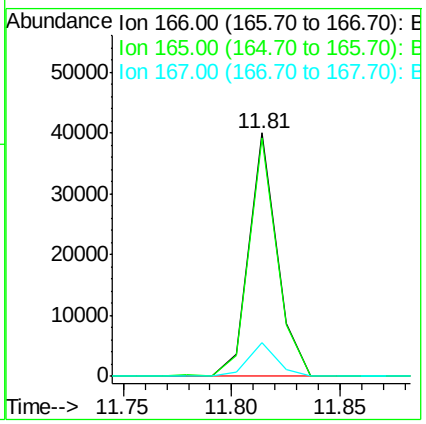


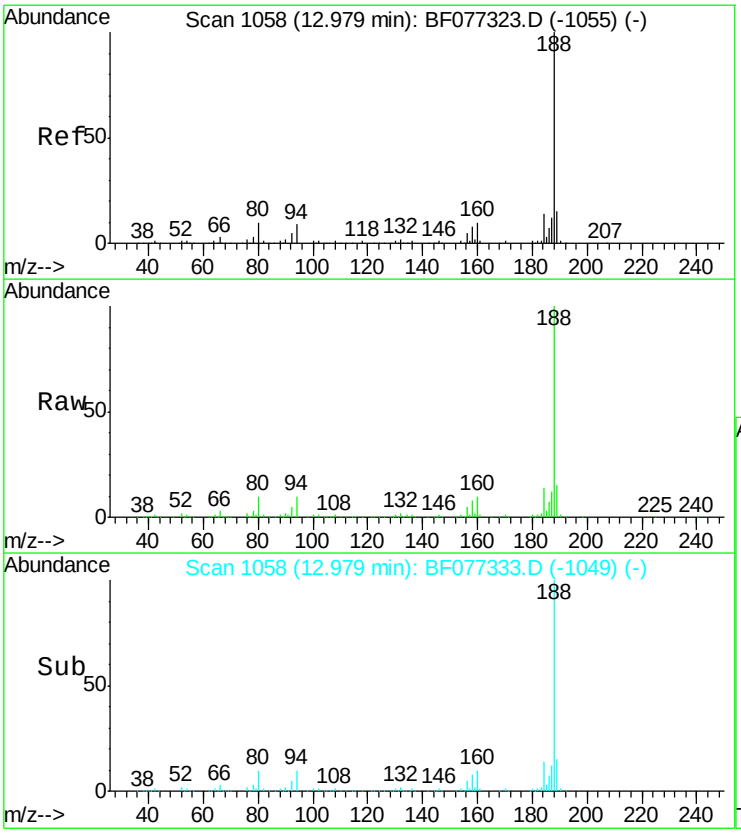
#57
Fluorene
Concen: 4.58 ng
RT: 11.81 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:166 Resp: 35894

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.2	118.8
167	13.9	11.0	16.6

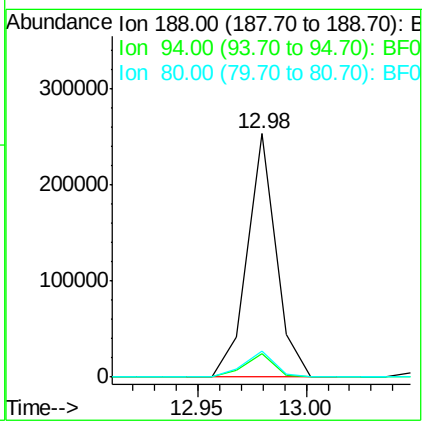


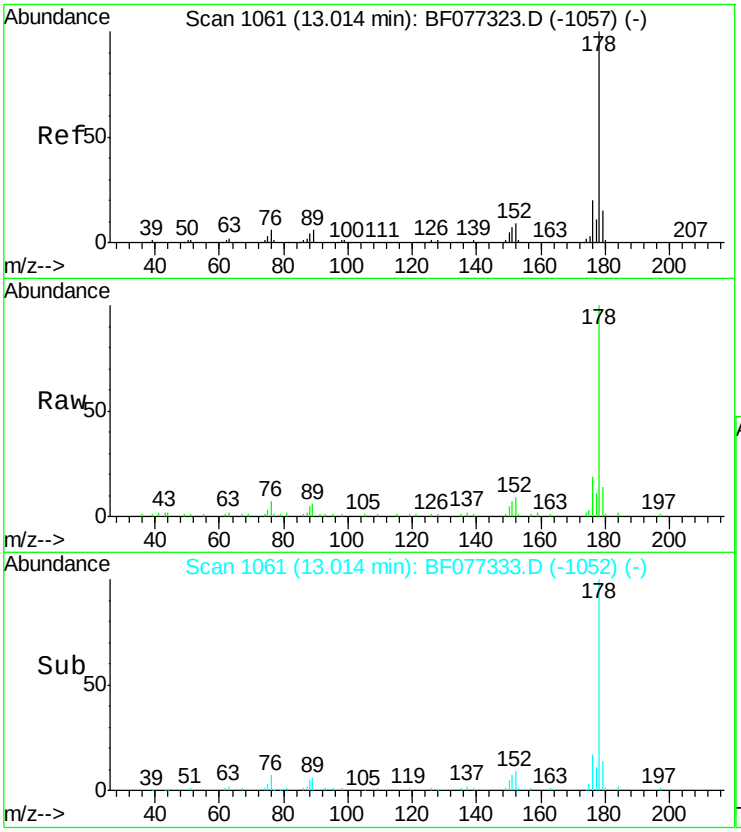


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:188 Resp: 233242

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.4	7.8	11.8



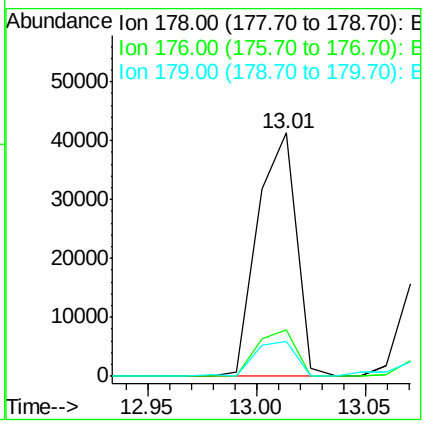


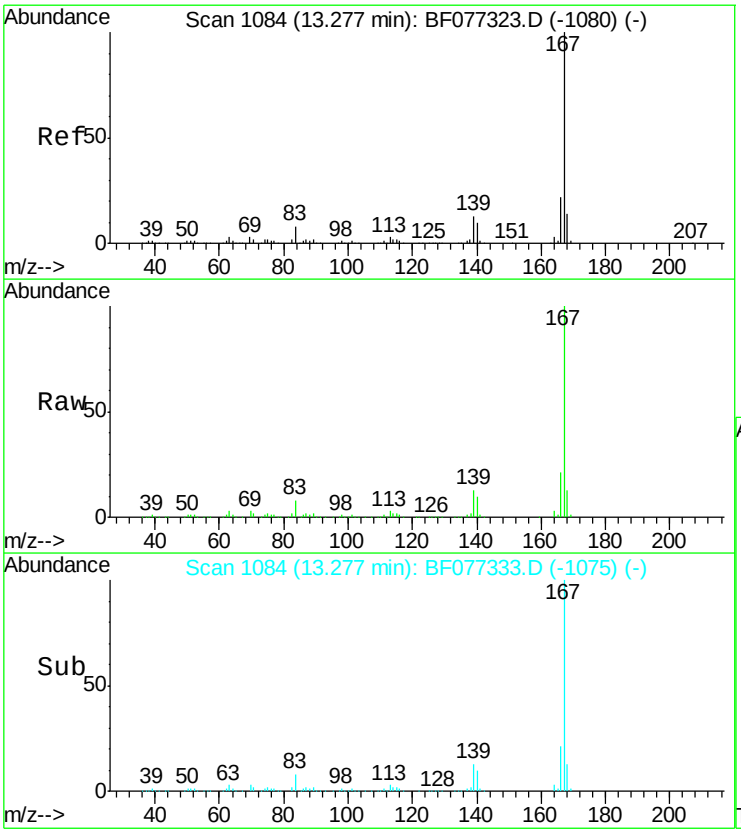
#70
Phenanthrene
Concen: 3.79 ng
RT: 13.01 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:178 Resp: 51417

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	14.3	12.3	18.5

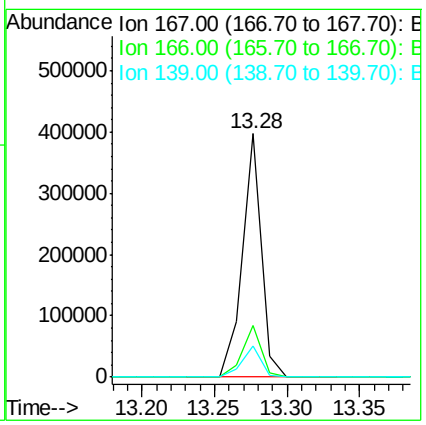


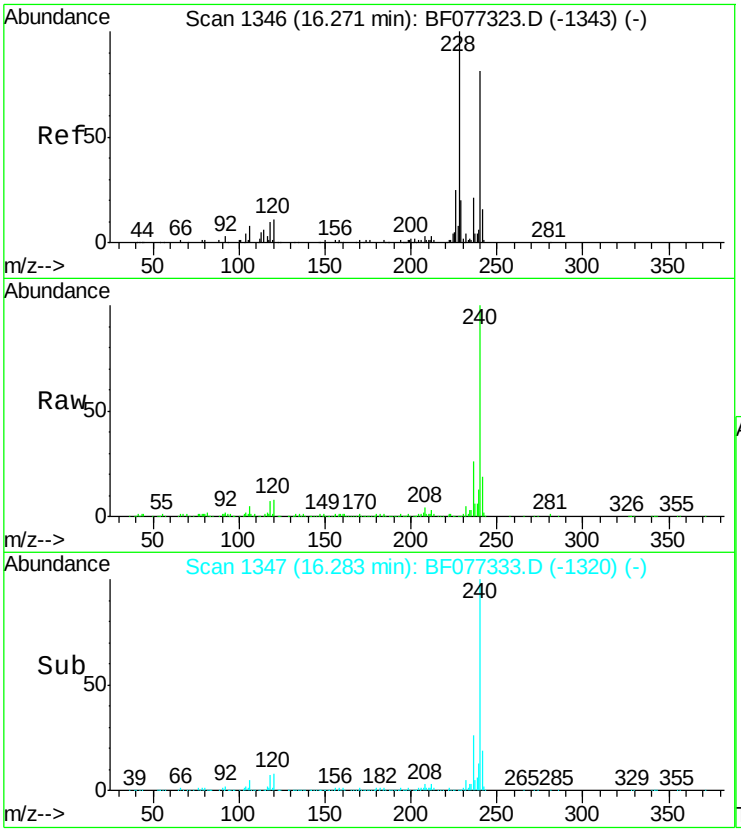


#72
Carbazole
Concen: 30.39 ng
RT: 13.28 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:167 Resp: 360105

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	12.9	10.6	15.8



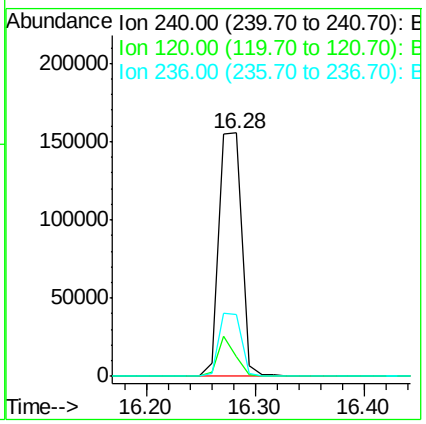


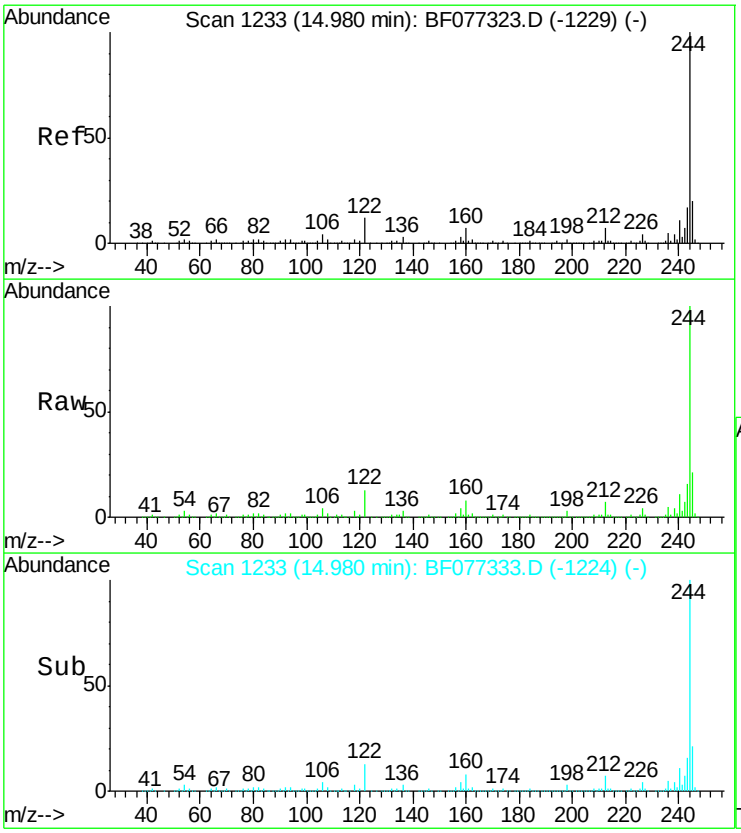
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:240 Resp: 225622

Ion	Ratio	Lower	Upper
240	100		
120	7.8	11.3	16.9#
236	25.6	20.3	30.5

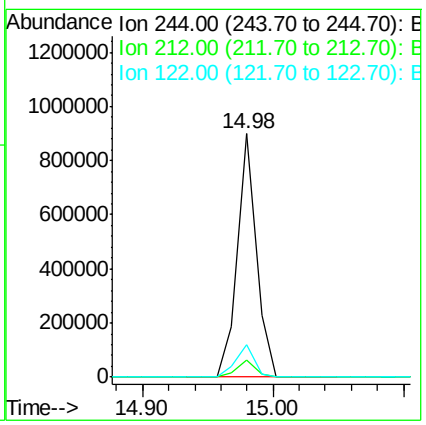


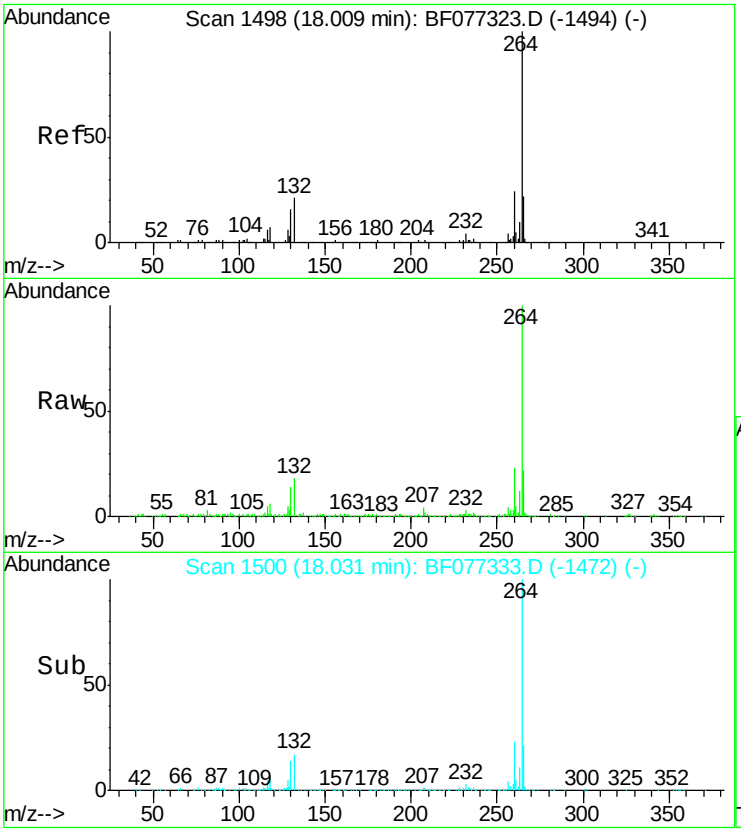


#78
Terphenyl-d14
Concen: 91.55 ng
RT: 14.98 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

Tgt Ion:244 Resp: 908574

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.3	9.3	13.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.03 min Scan# 1500
Delta R.T. 0.02 min
Lab File: BF077333.D
Acq: 18 Feb 2015 00:46

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

Tgt Ion:264 Resp: 226414

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	17.7	26.5