Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077984.D
Acq On : 26 Mar 2015 8:20
Operator : TP/IZ
Sample : G1642-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Time: Mar 26 12:44:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 02:09:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	46362	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	189842	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	103971	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	189659	20.00	ng	-0.08
75) Chrysene-d12	15.95	240	209716	20.00	ng	-0.18
86) Perylene-d12	17.65	264	202945	20.00	ng	-0.45
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	131838	49.64	ng	-0.06
7) Phenol-d6	6.67	99	106595	32.48	ng	-0.06
23) Nitrobenzene-d5	7.79	82	221313	76.42	ng	-0.07
41) 2,4,6-Tribromophenol	11.83	330	98620	99.14	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	456222	64.49	ng	-0.07
78) Terphenyl-d14	14.67	244	540507	62.96	ng	-0.09
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.64	107	9387	2.78	ng	88
27) 2,4-Dimethylphenol	8.28	122	15570	5.60	ng	96
31) Naphthalene	8.69	128	65322	6.70	ng	98
37) 2-Methylnaphthalene	9.56	142	43830	6.69	ng	98

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

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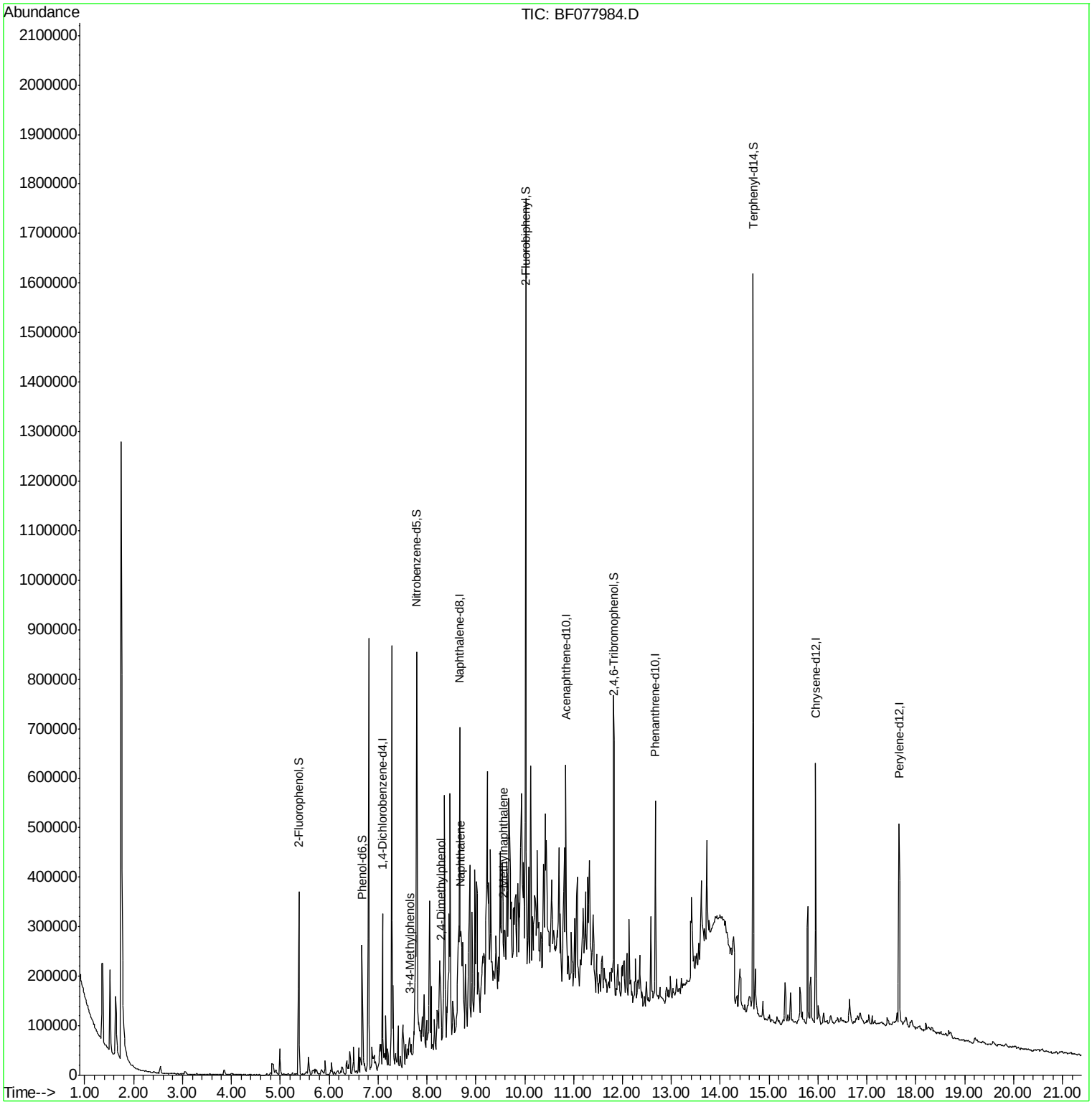
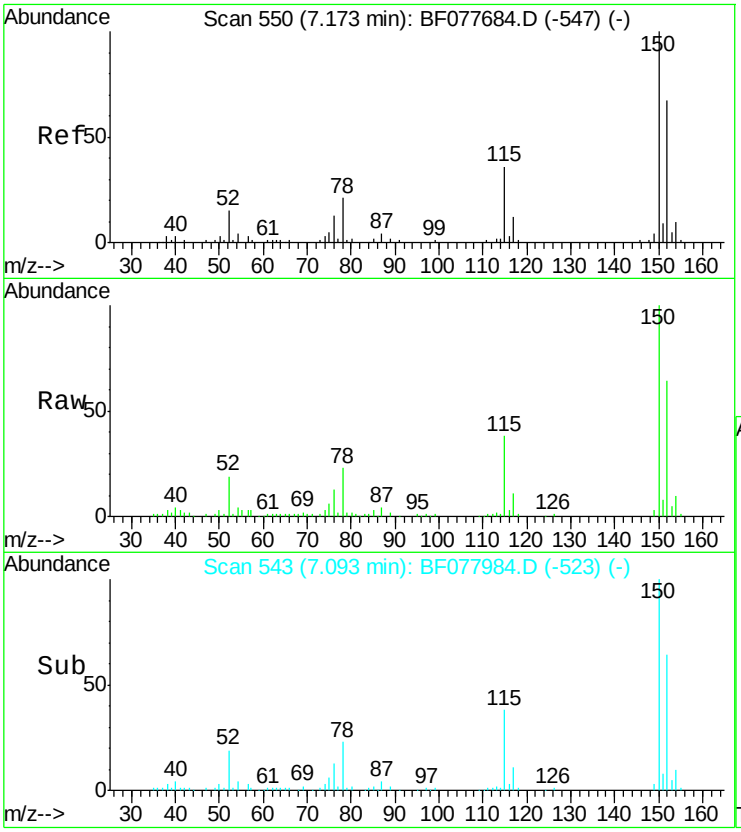


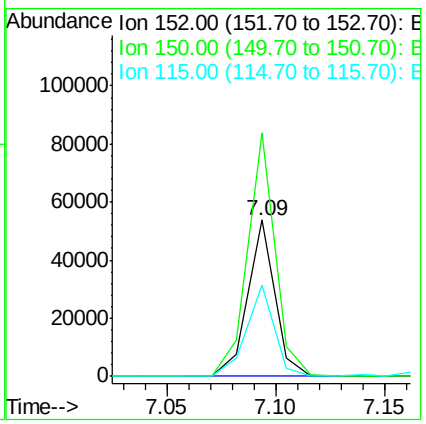


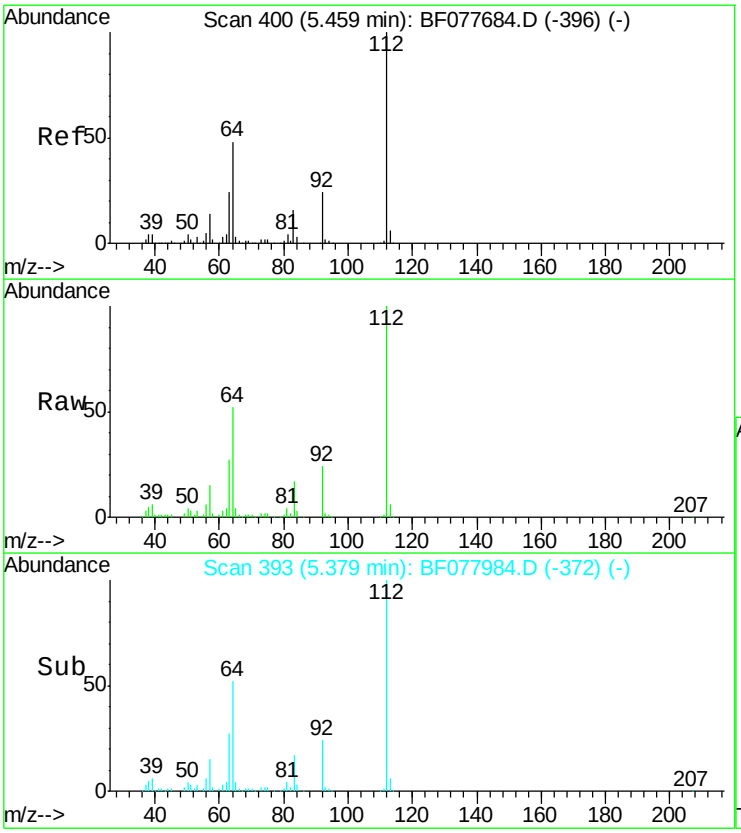
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 46362

Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	59.0	43.0	64.4

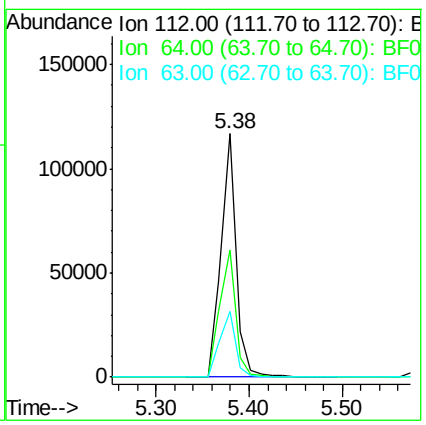


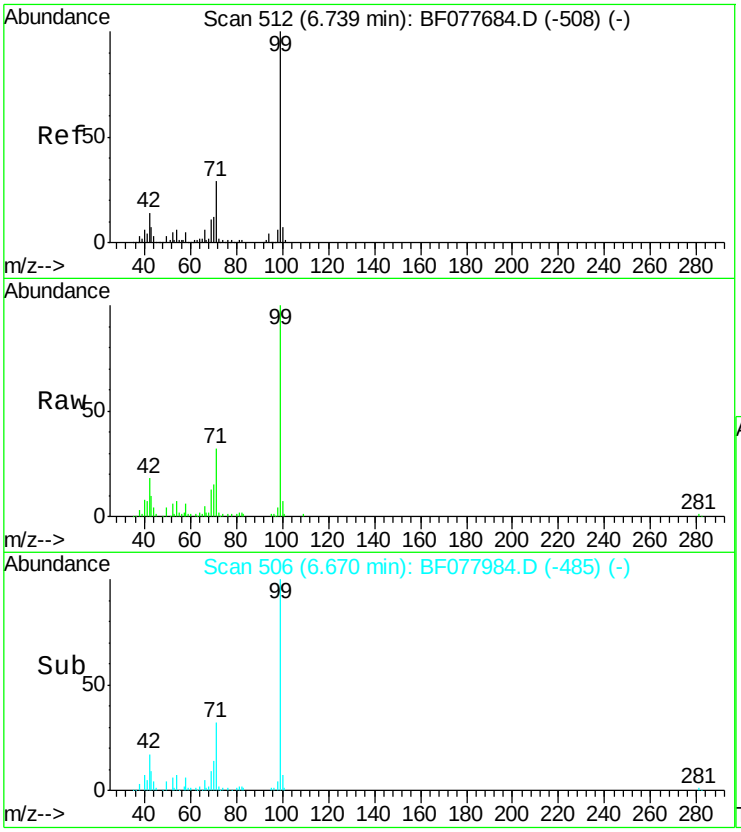


#5
2-Fluorophenol
Concen: 49.64 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Tgt Ion:112 Resp: 131838

Ion	Ratio	Lower	Upper
112	100		
64	52.2	38.6	57.8
63	27.2	19.3	28.9



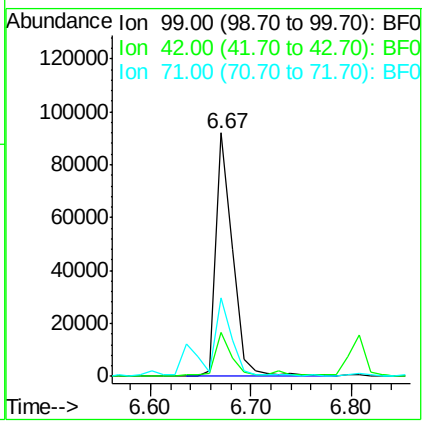


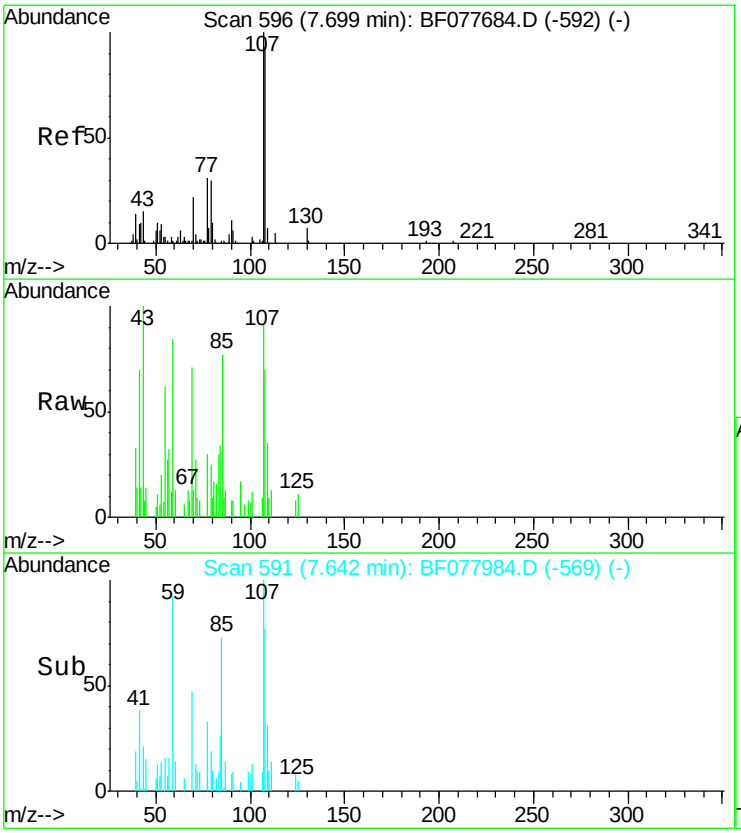
#7
Phenol-d6
Concen: 32.48 ng
RT: 6.67 min Scan# 506
Delta R.T. -0.06 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 99 Resp: 106595

Ion	Ratio	Lower	Upper
99	100		
42	18.3	11.0	16.4#
71	32.1	23.4	35.2

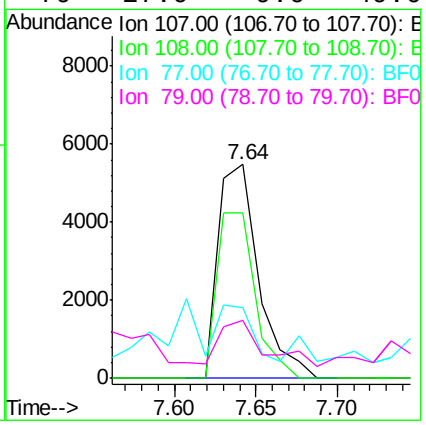


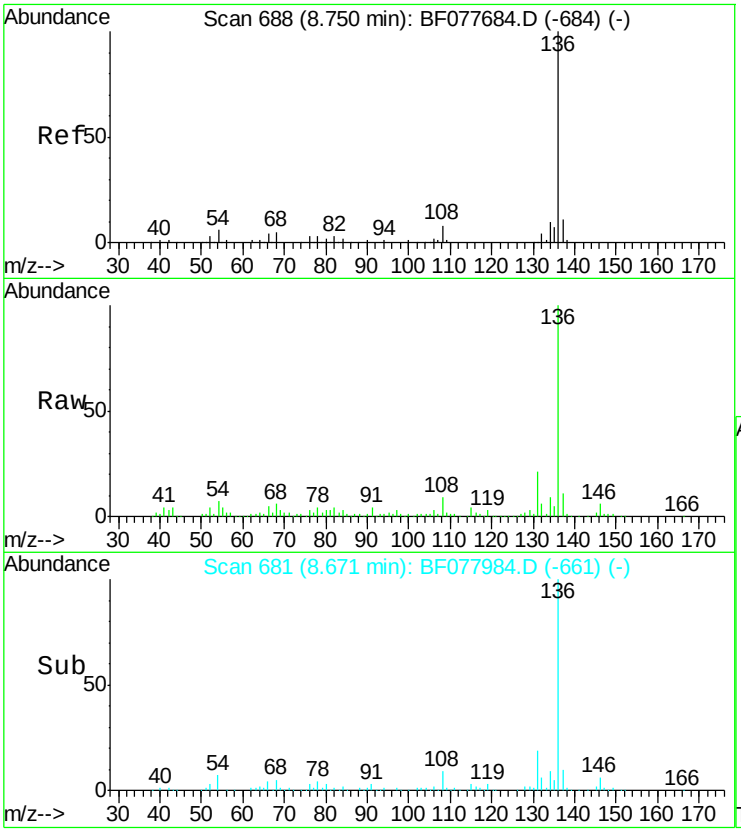


#20
3+4-Methylphenols
Concen: 2.78 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Tgt Ion:107 Resp: 9387

Ion	Ratio	Lower	Upper
107	100		
108	77.0	73.2	113.2
77	33.2	10.7	50.7
79	27.0	9.6	49.6



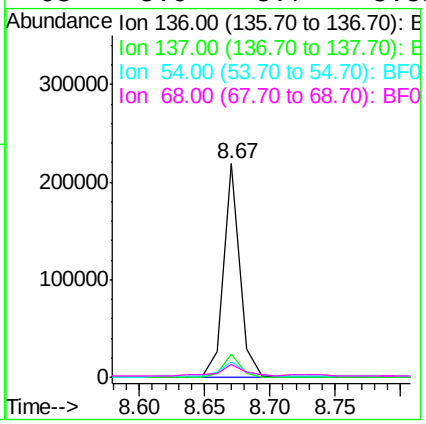


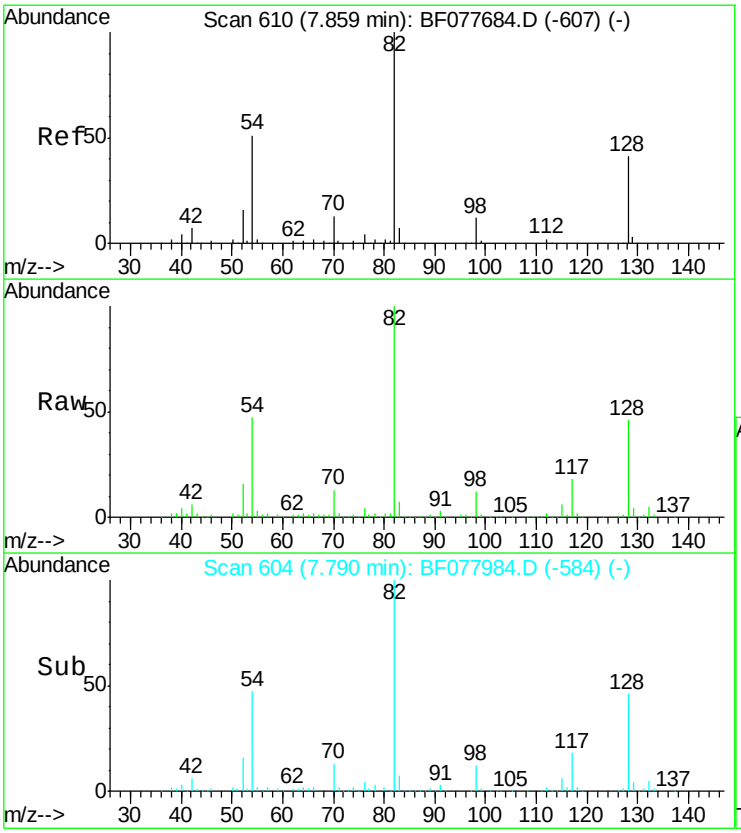
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:136 Resp: 189842

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.4	4.6	6.8#
68	5.9	3.7	5.5#

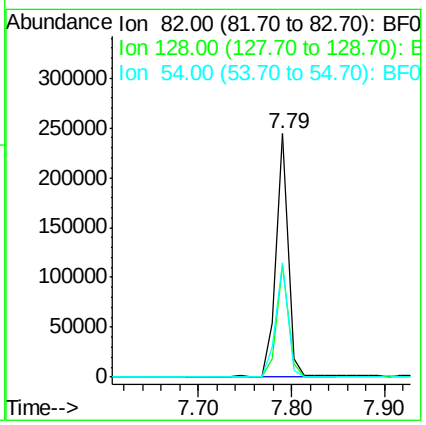


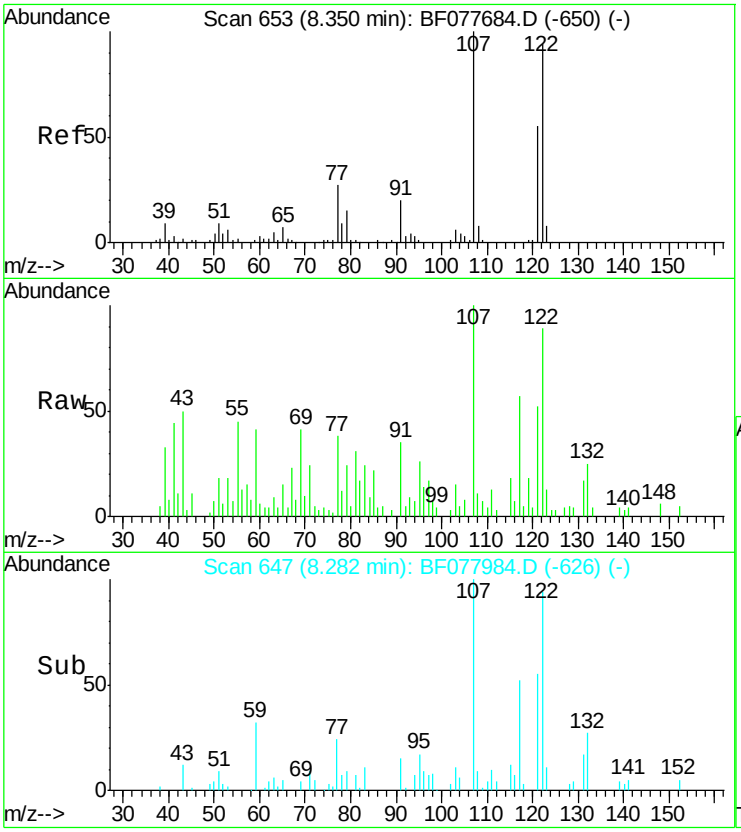


#23
Nitrobenzene-d5
Concen: 76.42 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Tgt Ion: 82 Resp: 221313

Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.8	49.2
54	47.1	40.6	60.8



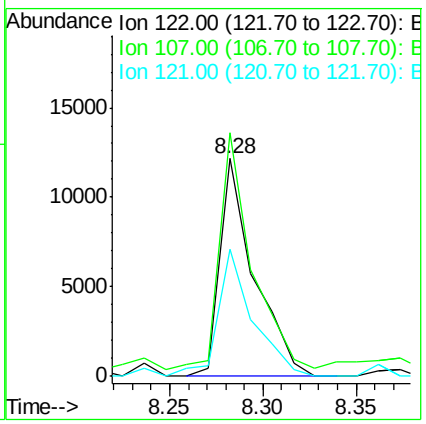


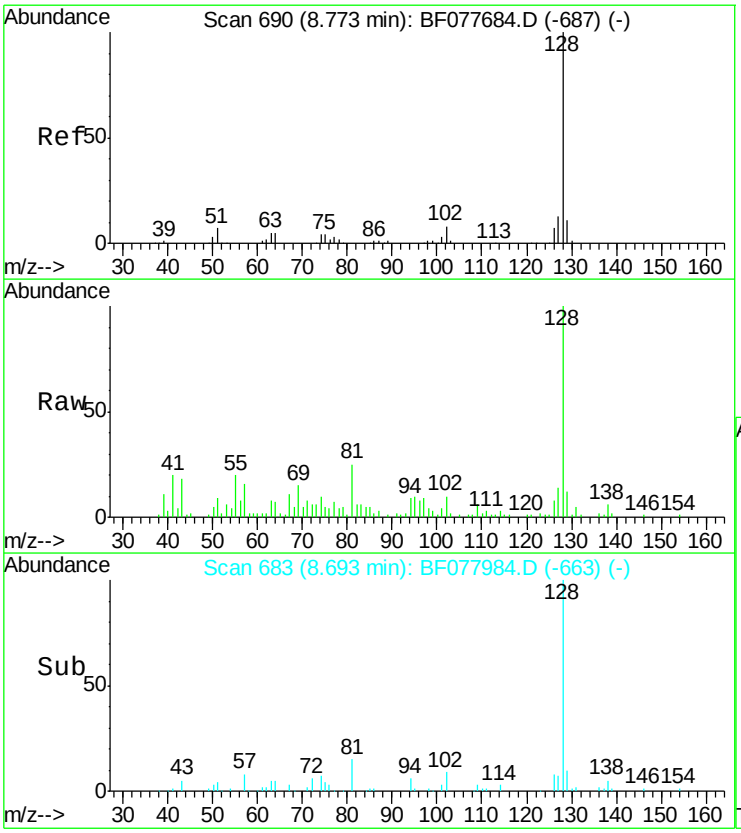
#27
2,4-Dimethylphenol
Concen: 5.60 ng
RT: 8.28 min Scan# 647
Delta R.T. -0.06 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:122 Resp: 15570

Ion	Ratio	Lower	Upper
122	100		
107	111.9	84.7	127.1
121	58.3	46.6	69.8

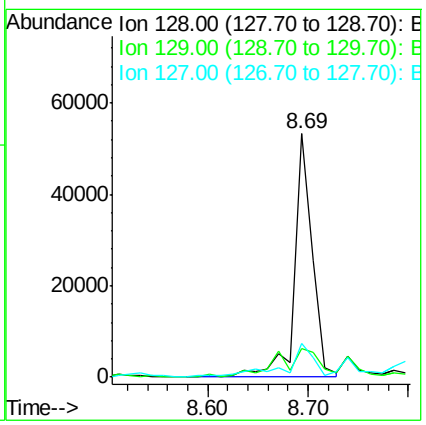


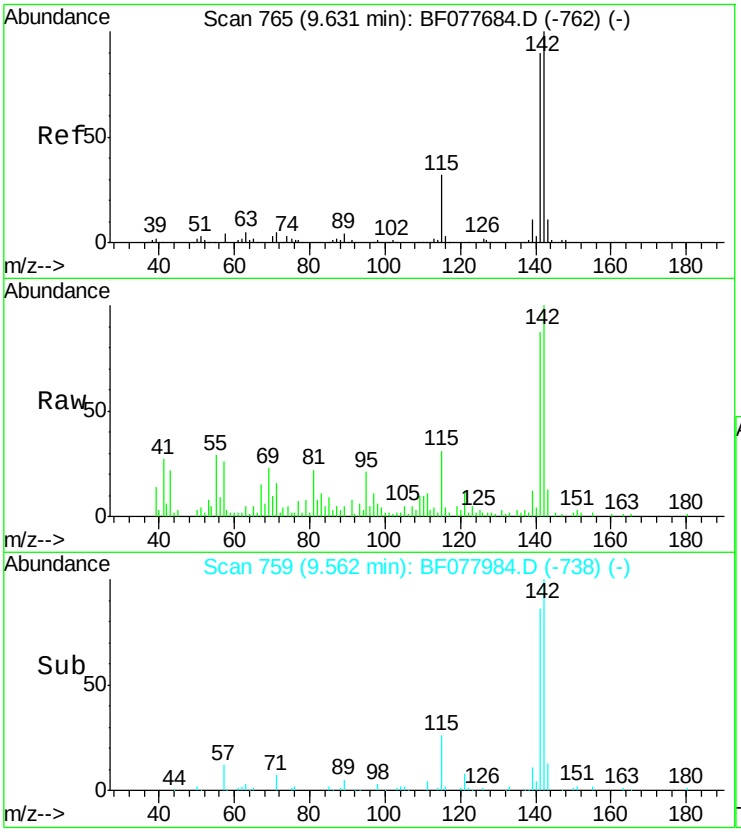


#31
Naphthalene
Concen: 6.70 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.07 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Tgt Ion:128 Resp: 65322

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	14.1	10.4	15.6



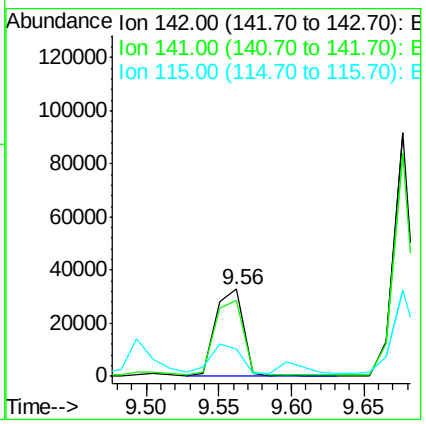


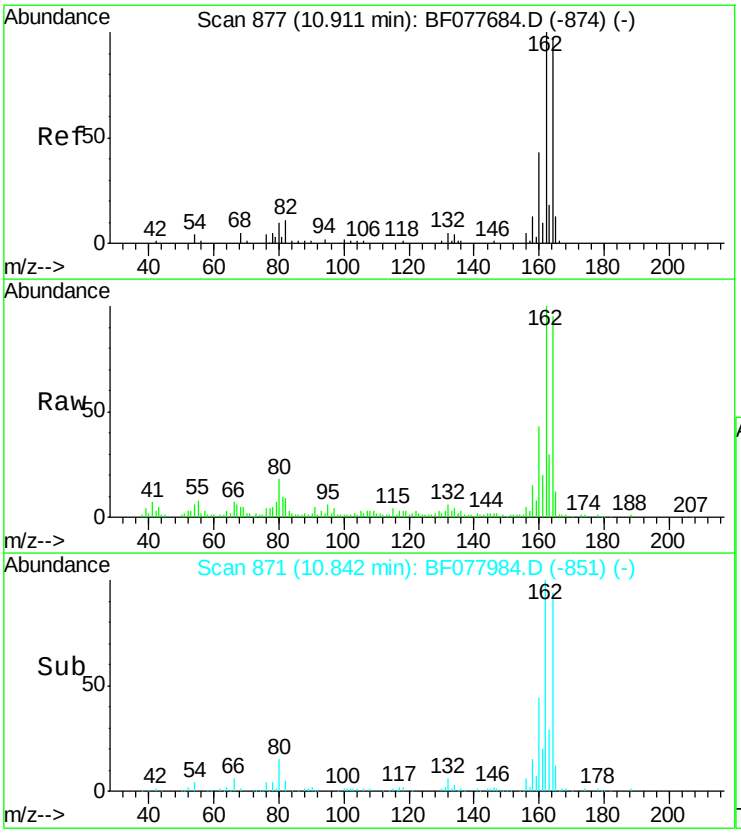
#37
2-Methylnaphthalene
Concen: 6.69 ng
RT: 9.56 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:142 Resp: 43830

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.9	107.9
115	31.0	25.4	38.0

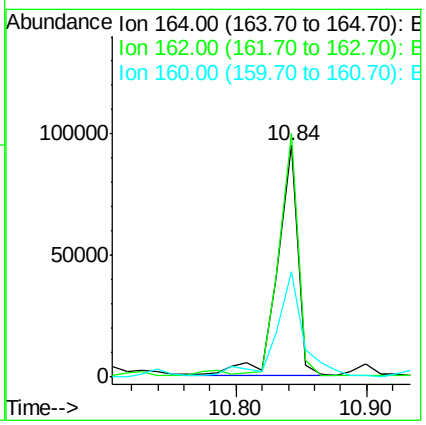


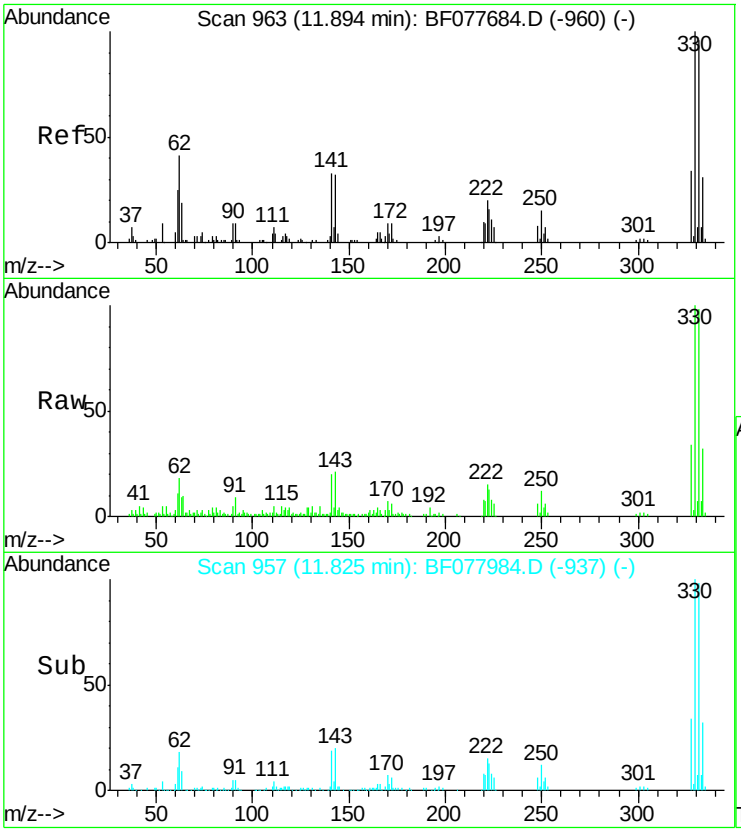


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.07 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Tgt Ion:164 Resp: 103971

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	45.6	35.8	53.6



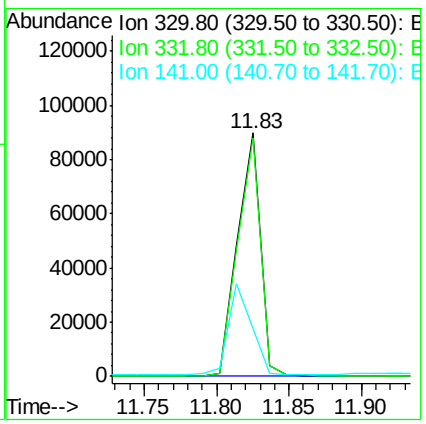


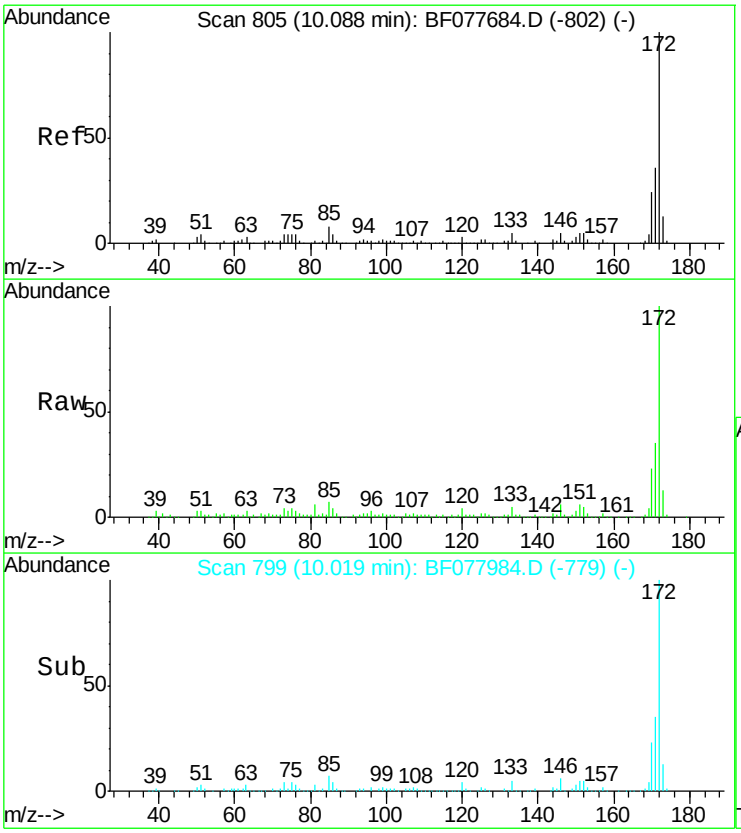
#41
2,4,6-Tribromophenol
Concen: 99.14 ng
RT: 11.83 min Scan# 957
Delta R.T. -0.07 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:330 Resp: 98620

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	37.3	0.0	0.0#

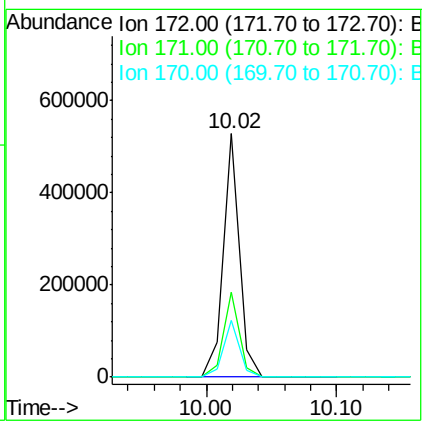


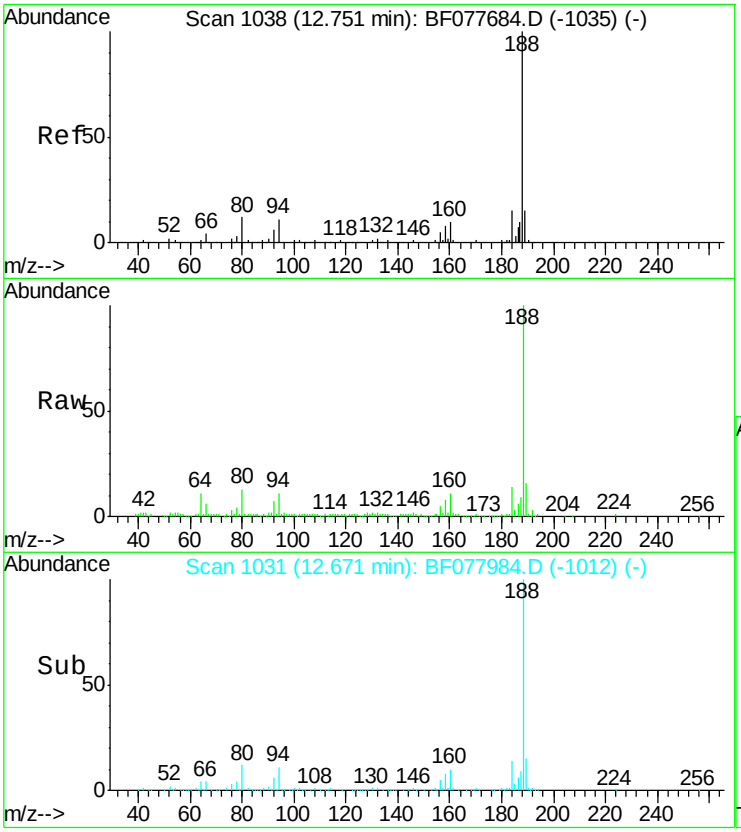


#44
2-Fluorobiphenyl
Concen: 64.49 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.07 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Tgt Ion:172 Resp: 456222

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.5	18.8	28.2



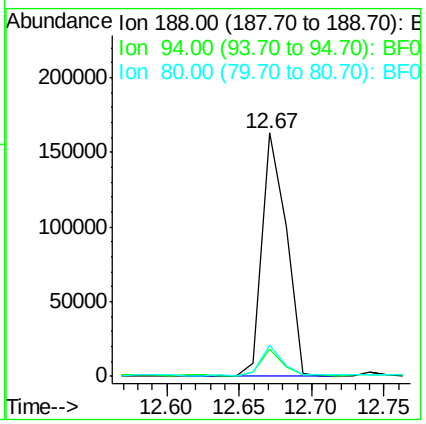


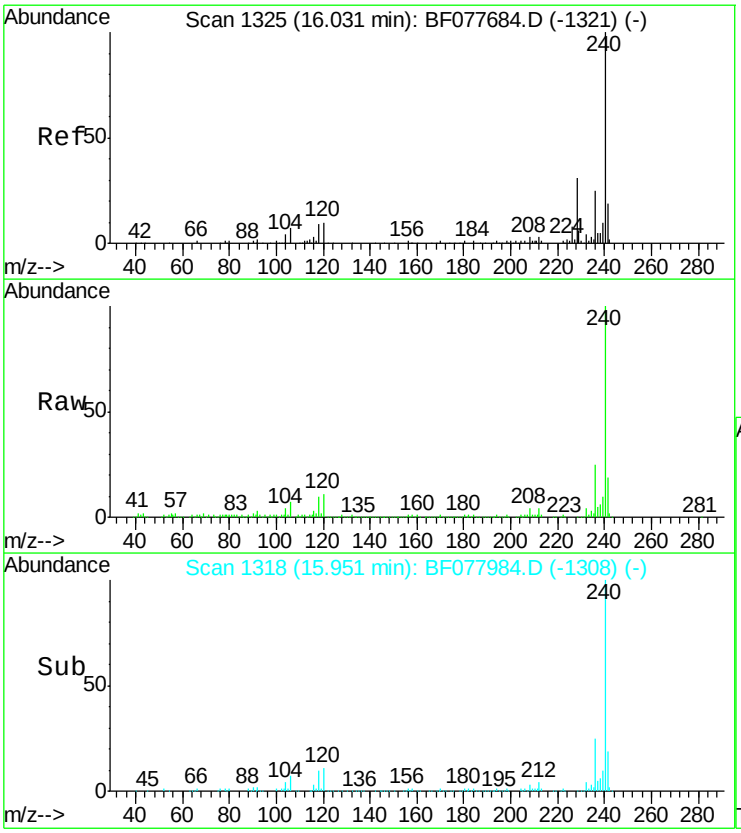
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:188 Resp: 189659

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.7	13.1
80	12.6	9.3	13.9

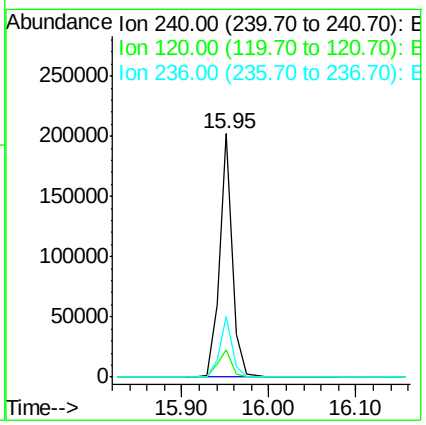


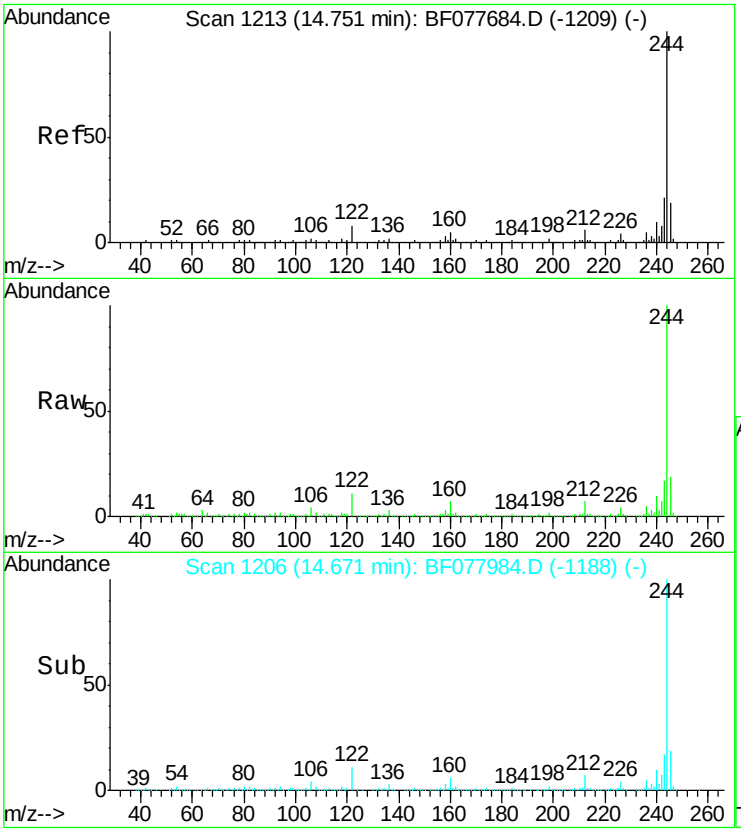


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Tgt Ion:240 Resp: 209716

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.2	12.2
236	24.9	20.0	30.0



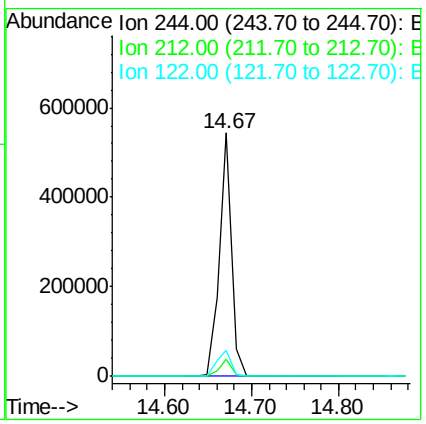


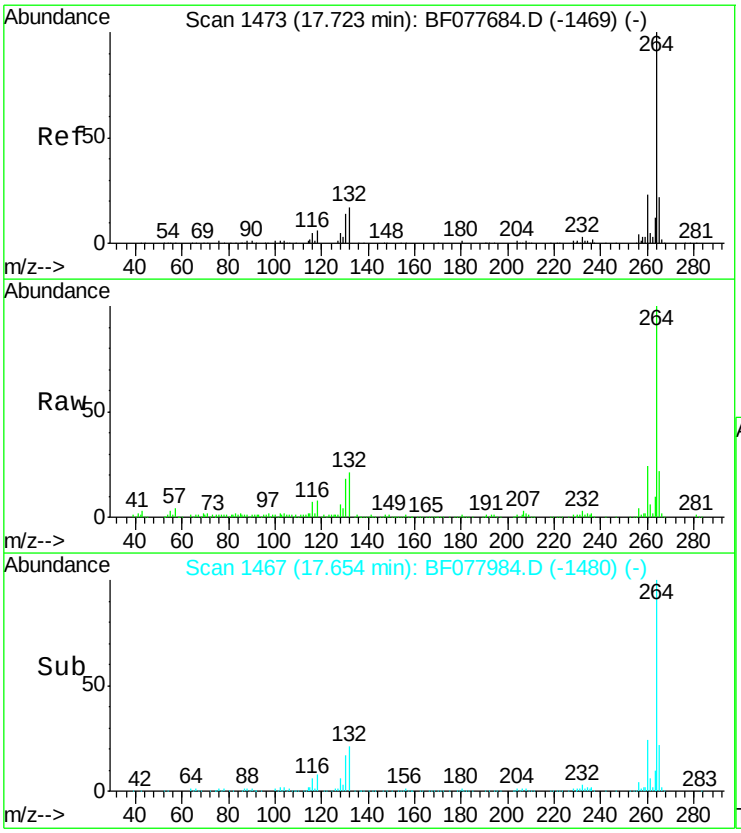
#78
Terphenyl-d14
Concen: 62.96 ng
RT: 14.67 min Scan# 1206
Delta R.T. -0.09 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:244 Resp: 540507

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	10.8	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.65 min Scan# 1467
Delta R.T. -0.45 min
Lab File: BF077984.D
Acq: 26 Mar 2015 8:20

Tgt Ion:264 Resp: 202945

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.6	17.3	25.9