Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077878.D
Acq On : 20 Mar 2015 22:20
Operator : TP/IZ
Sample : G1575-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8S

Quant Time: Mar 21 01:21:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 23:52:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	45559	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	180877	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	91559	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	180690	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	192667	20.00	ng	-0.02
86) Perylene-d12	17.75	264	183744	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	177140	67.87	ng	0.00
7) Phenol-d6	6.70	99	143102	44.38	ng	0.00
23) Nitrobenzene-d5	7.82	82	289672	104.98	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	122679	140.04	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	620595	99.61	ng	0.00
78) Terphenyl-d14	14.71	244	715983	90.77	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	7819	5.92	ng	98
32) Benzoic acid	8.40	122	11977	10.67	ng	97

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

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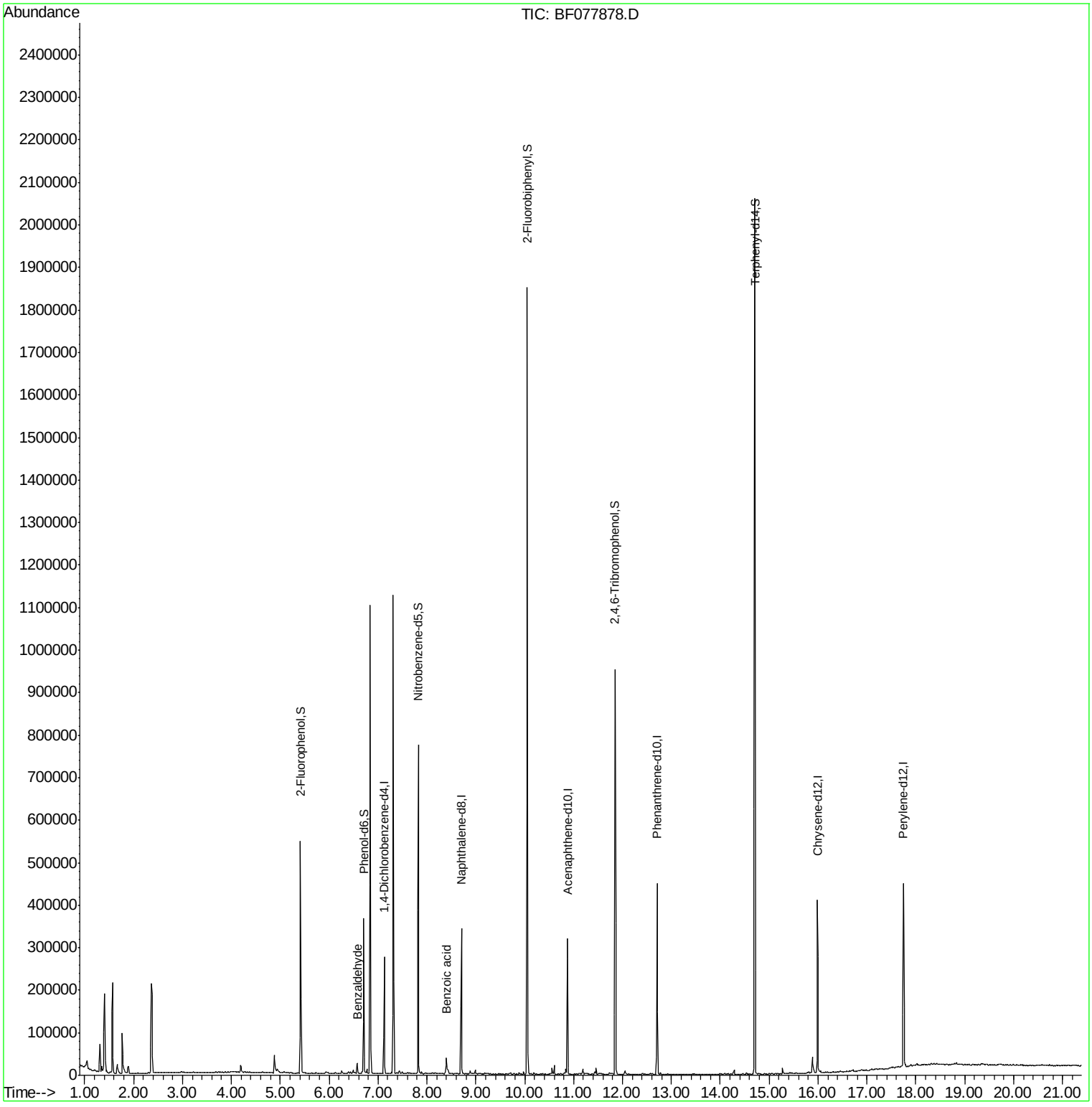
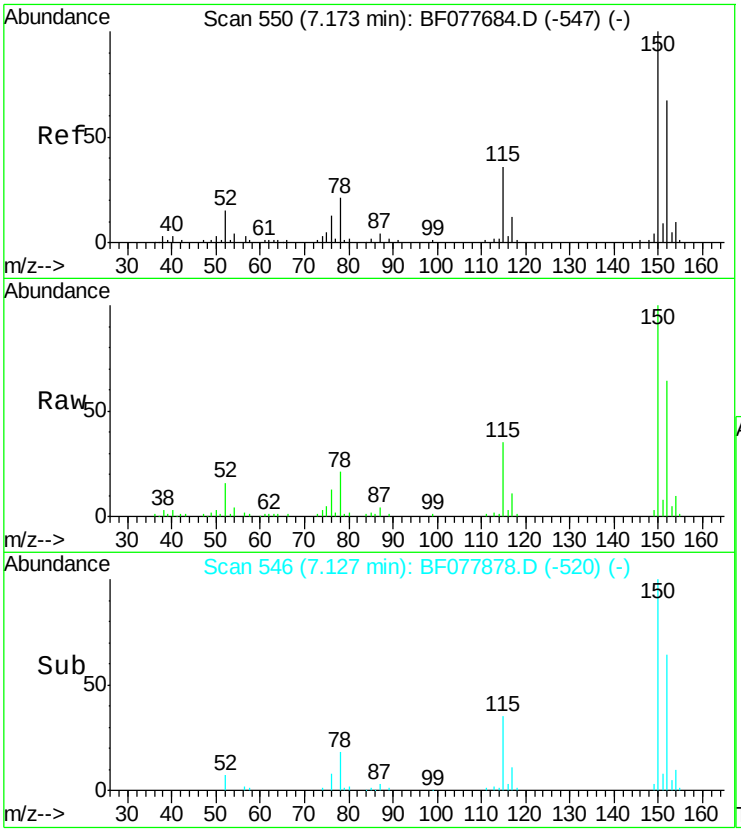


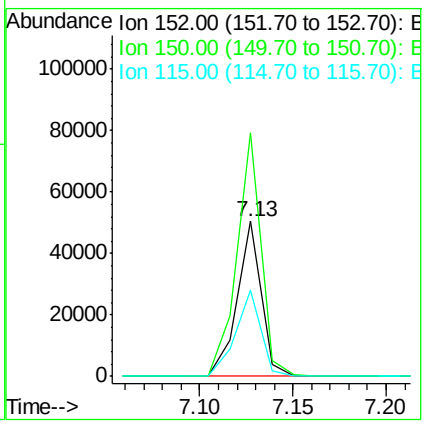


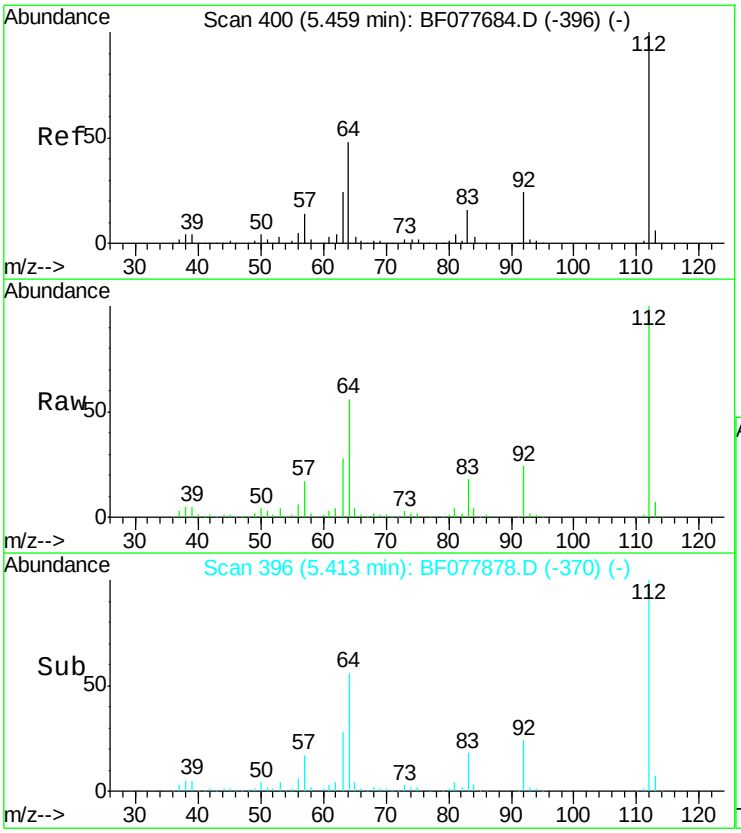
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:152 Resp: 45559

Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	55.5	43.0	64.4

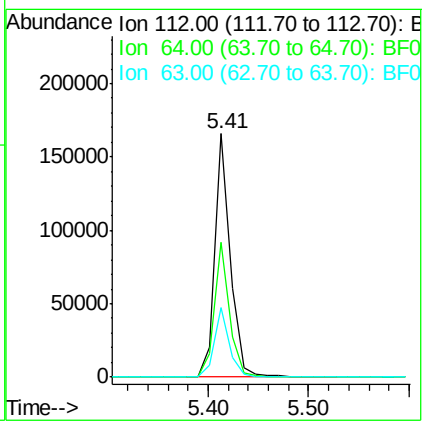


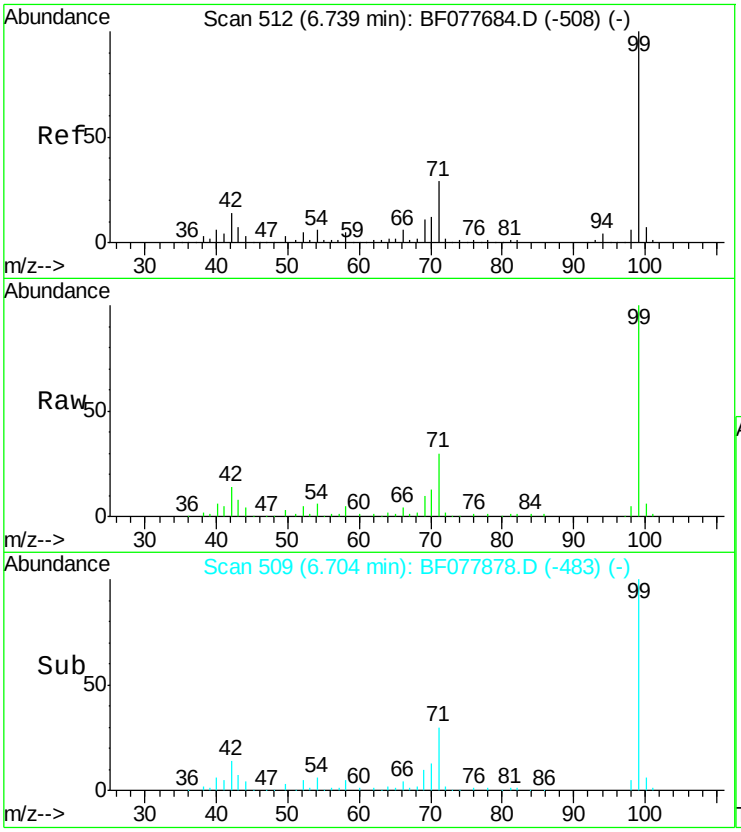


#5
2-Fluorophenol
Concen: 67.87 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:112 Resp: 177140

Ion	Ratio	Lower	Upper
112	100		
64	55.6	38.6	57.8
63	28.3	19.3	28.9



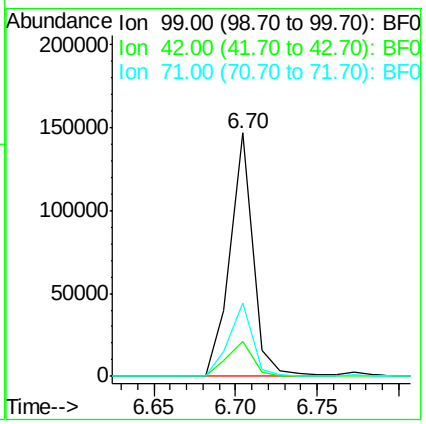


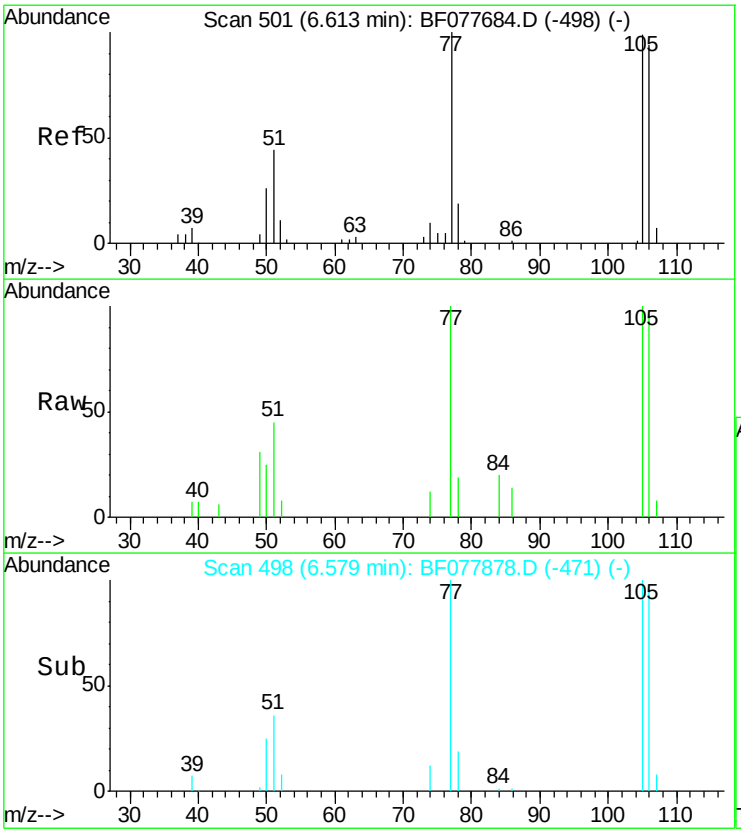
#7
Phenol-d6
Concen: 44.38 ng
RT: 6.70 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion: 99 Resp: 143102

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.0	16.4
71	30.3	23.4	35.2

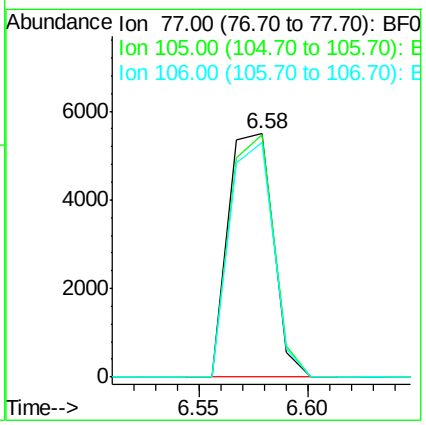


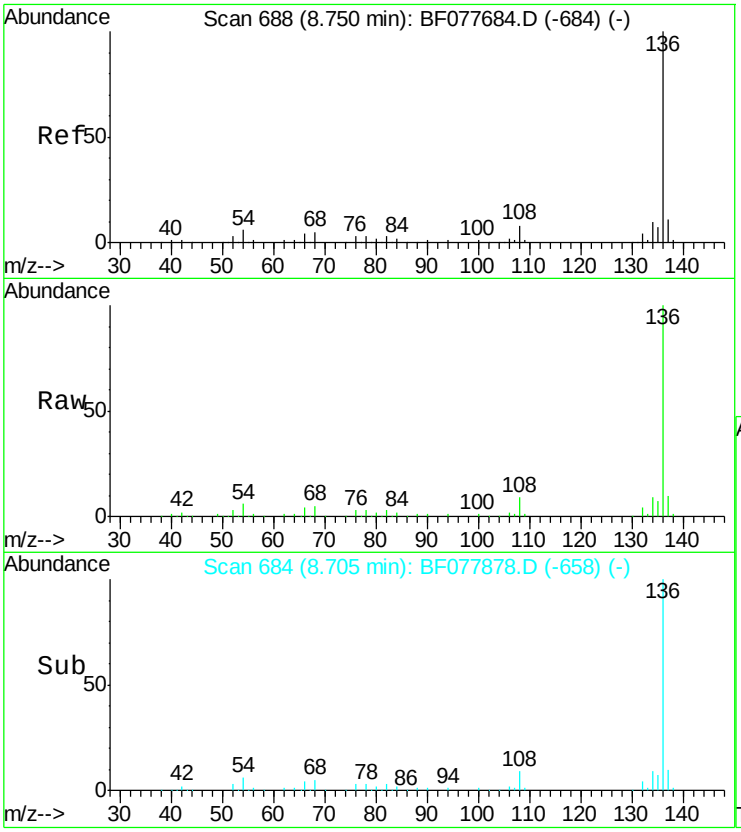


#9
Benzaldehyde
Concen: 5.92 ng
RT: 6.58 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion: 77 Resp: 7819

Ion	Ratio	Lower	Upper
77	100		
105	99.5	78.8	118.8
106	96.1	73.7	113.7



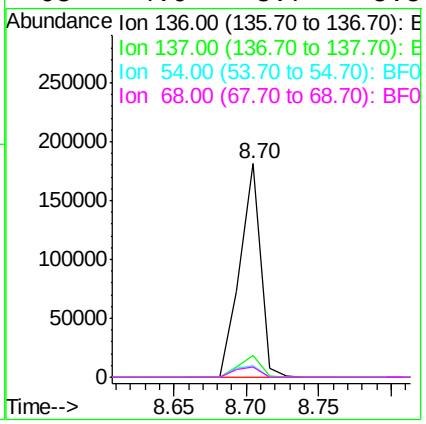


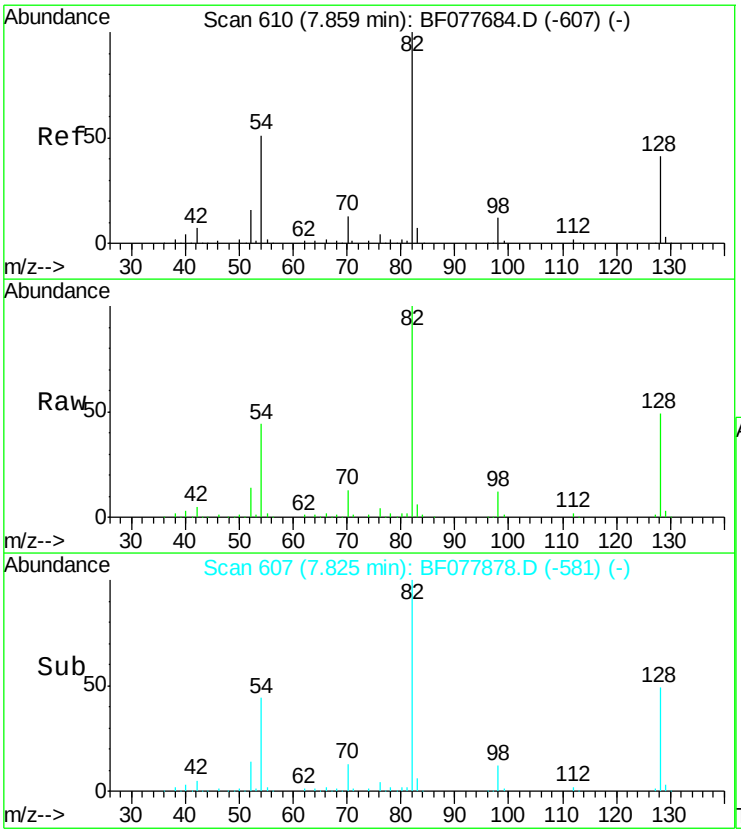
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:136 Resp: 180877

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.7	4.6	6.8
68	4.9	3.7	5.5

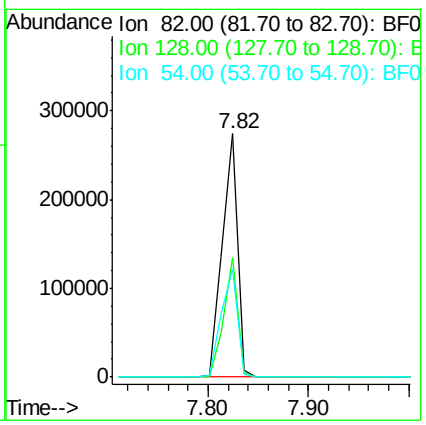


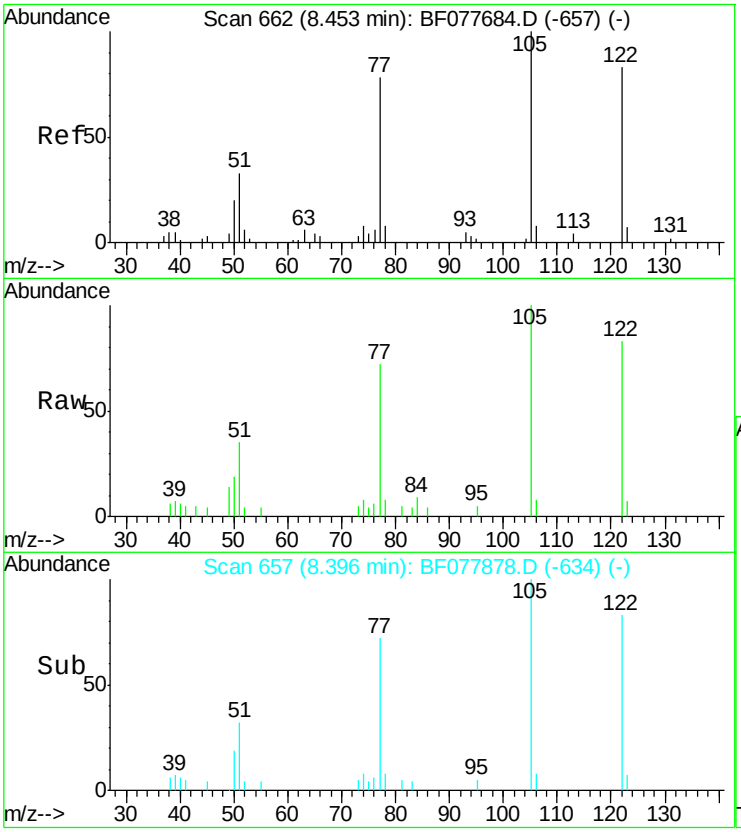


#23
Nitrobenzene-d5
Concen: 104.98 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion: 82 Resp: 289672

Ion	Ratio	Lower	Upper
82	100		
128	49.3	32.8	49.2#
54	44.3	40.6	60.8



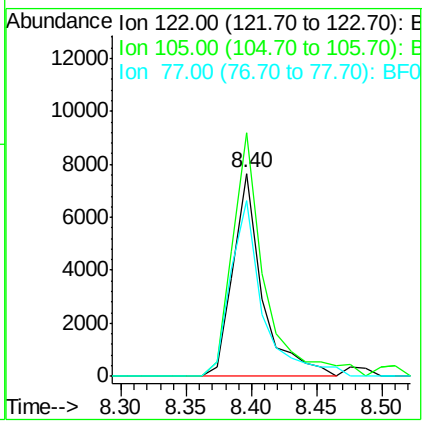


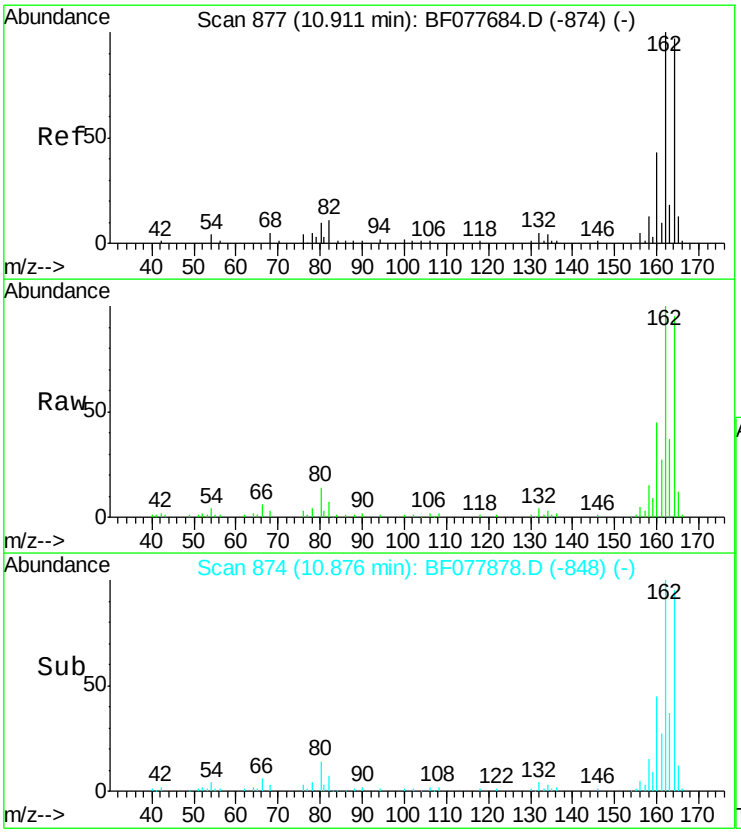
#32
Benzoic acid
Concen: 10.67 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:122 Resp: 11977

Ion	Ratio	Lower	Upper
122	100		
105	120.0	99.9	139.9
77	86.7	73.7	113.7

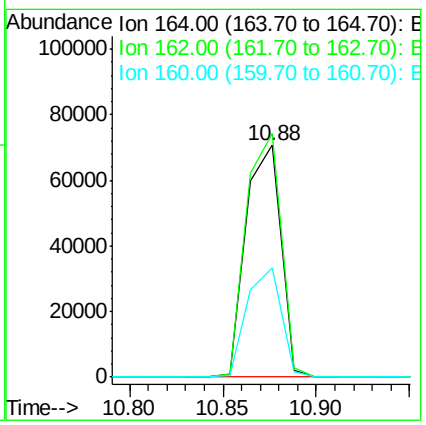


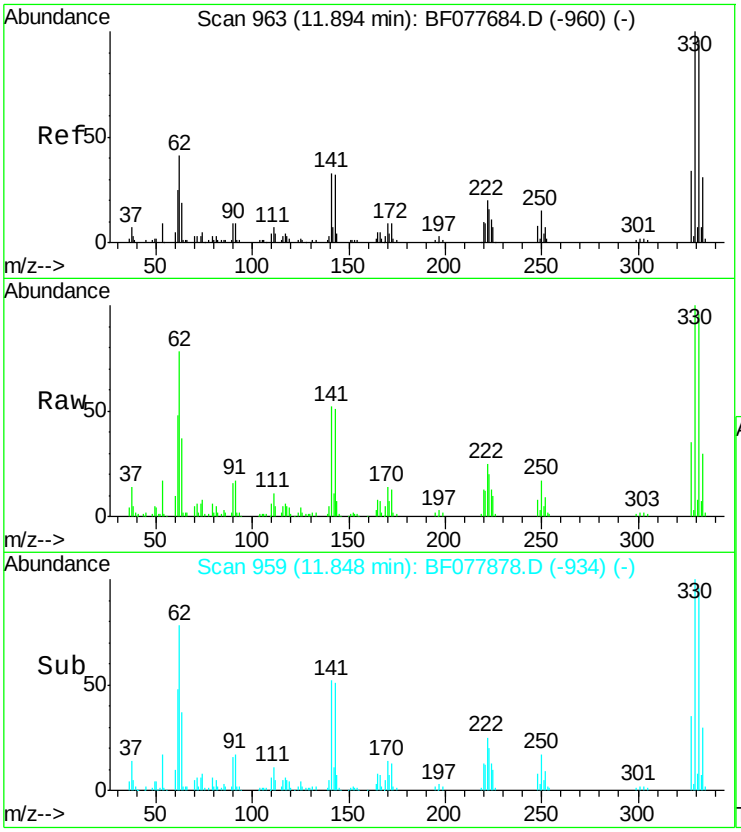


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:164 Resp: 91559

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	47.2	35.8	53.6



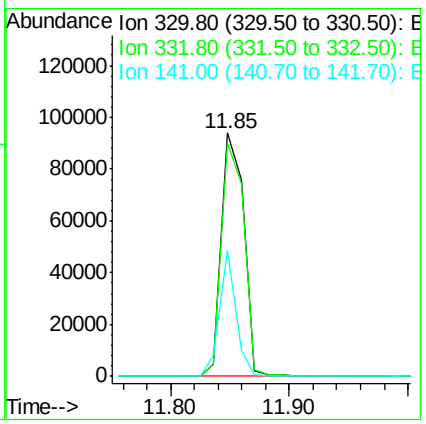


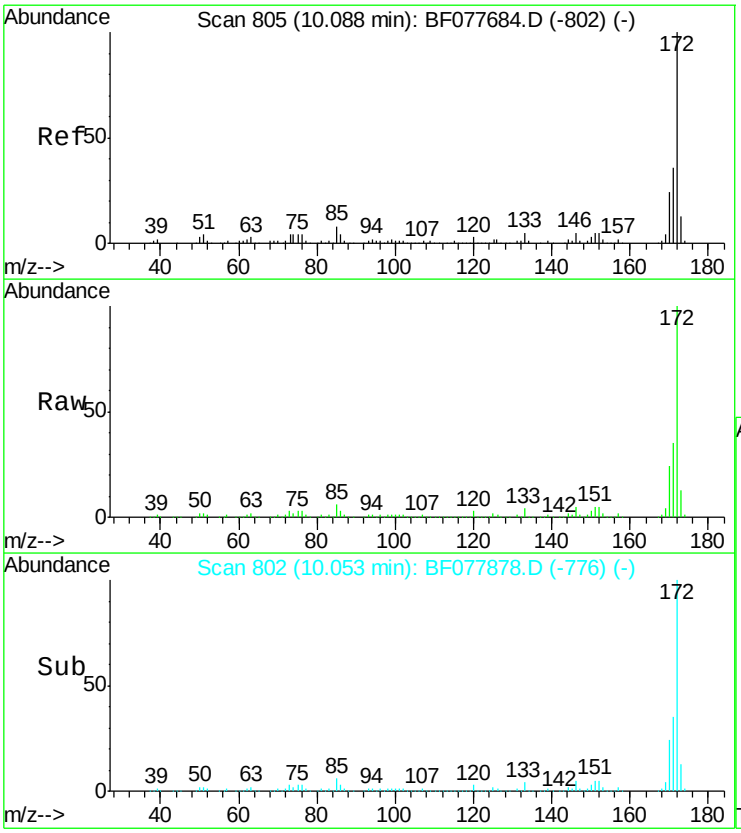
#41
2,4,6-Tribromophenol
Concen: 140.04 ng
RT: 11.85 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:330 Resp: 122679

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	37.7	0.0	0.0#

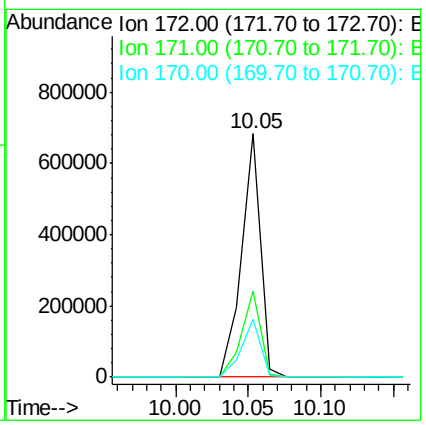


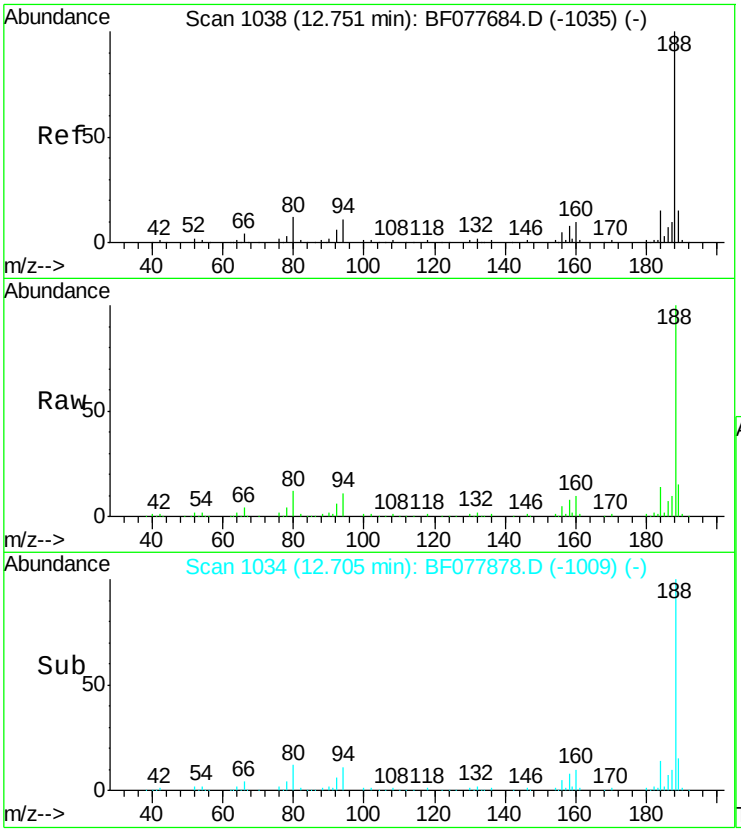


#44
2-Fluorobiphenyl
Concen: 99.61 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:172 Resp: 620595

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.8	18.8	28.2



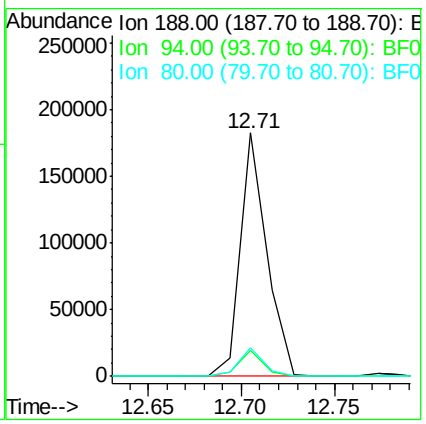


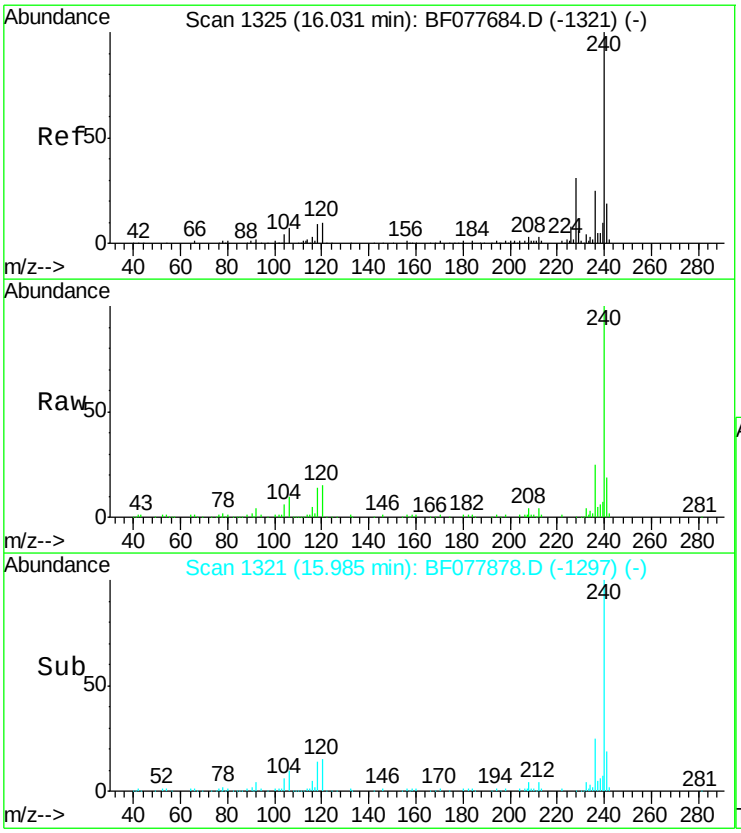
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:188 Resp: 180690

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.7	13.1
80	11.6	9.3	13.9

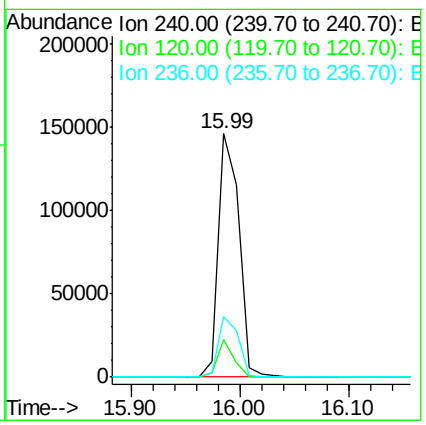


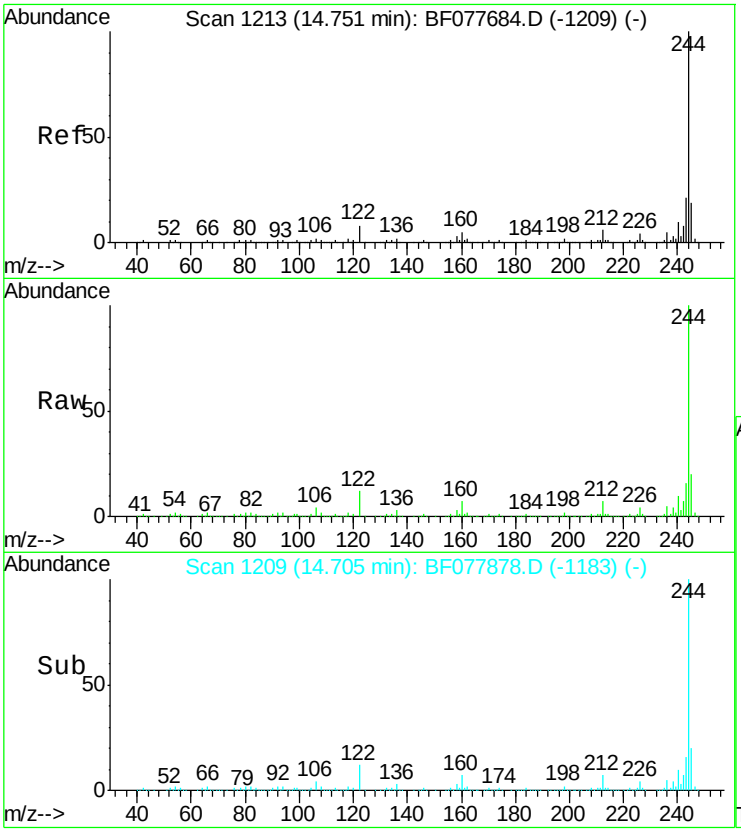


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:240 Resp: 192667

Ion	Ratio	Lower	Upper
240	100		
120	15.2	8.2	12.2#
236	24.6	20.0	30.0



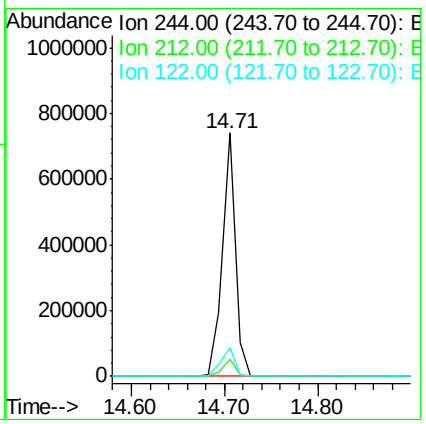


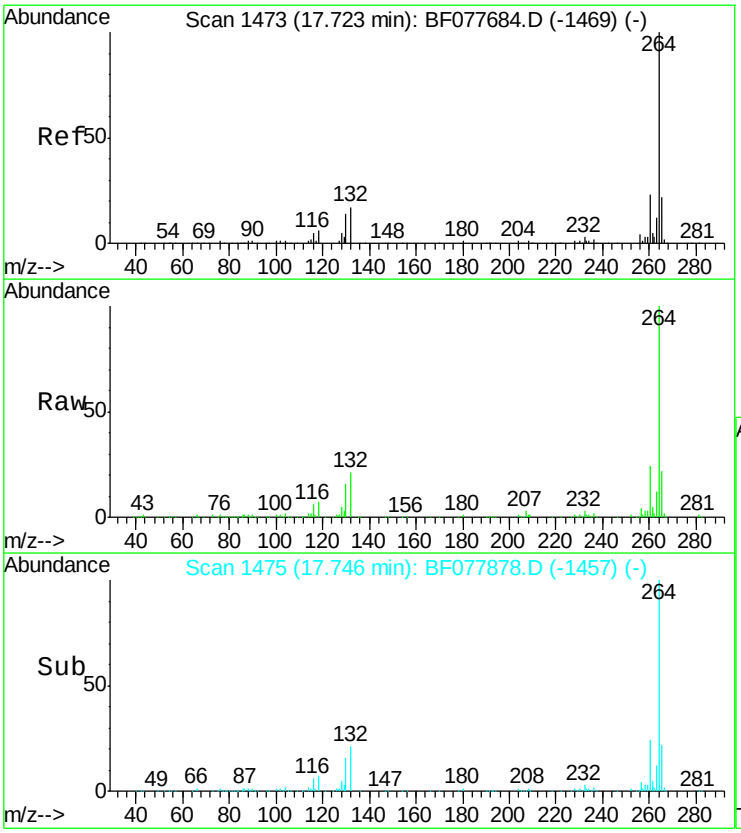
#78
Terphenyl-d14
Concen: 90.77 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:244 Resp: 715983

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	11.7	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.09 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:264 Resp: 183744

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.6	17.3	25.9