Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003732.D
Acq On : 23 Dec 2015 05:44
Operator : UM/SJ
Sample : G4869-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-02

Quant Time: Dec 23 06:18:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37723	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	149815	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	75536	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	158803	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	170663	20.00	ng	-0.03
86) Perylene-d12	23.53	264	170772	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	309389	145.82	ng	-0.02
7) Phenol-d6	6.87	99	364463	123.70	ng	-0.02
23) Nitrobenzene-d5	8.85	82	255904	105.91	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	113025	149.83	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	575615	103.82	ng	-0.04
78) Terphenyl-d14	19.73	244	665889	92.02	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	208482	26.59	ng	100
37) 2-Methylnaphthalene	12.15	142	22803	4.24	ng	97
51) Acenaphthene	14.41	154	30539	6.42	ng	99
54) Dibenzofuran	14.75	168	24923	3.63	ng	92
57) Fluorene	15.39	166	17611	3.09	ng	100
70) Phenanthrene	17.13	178	38303	4.30	ng	99

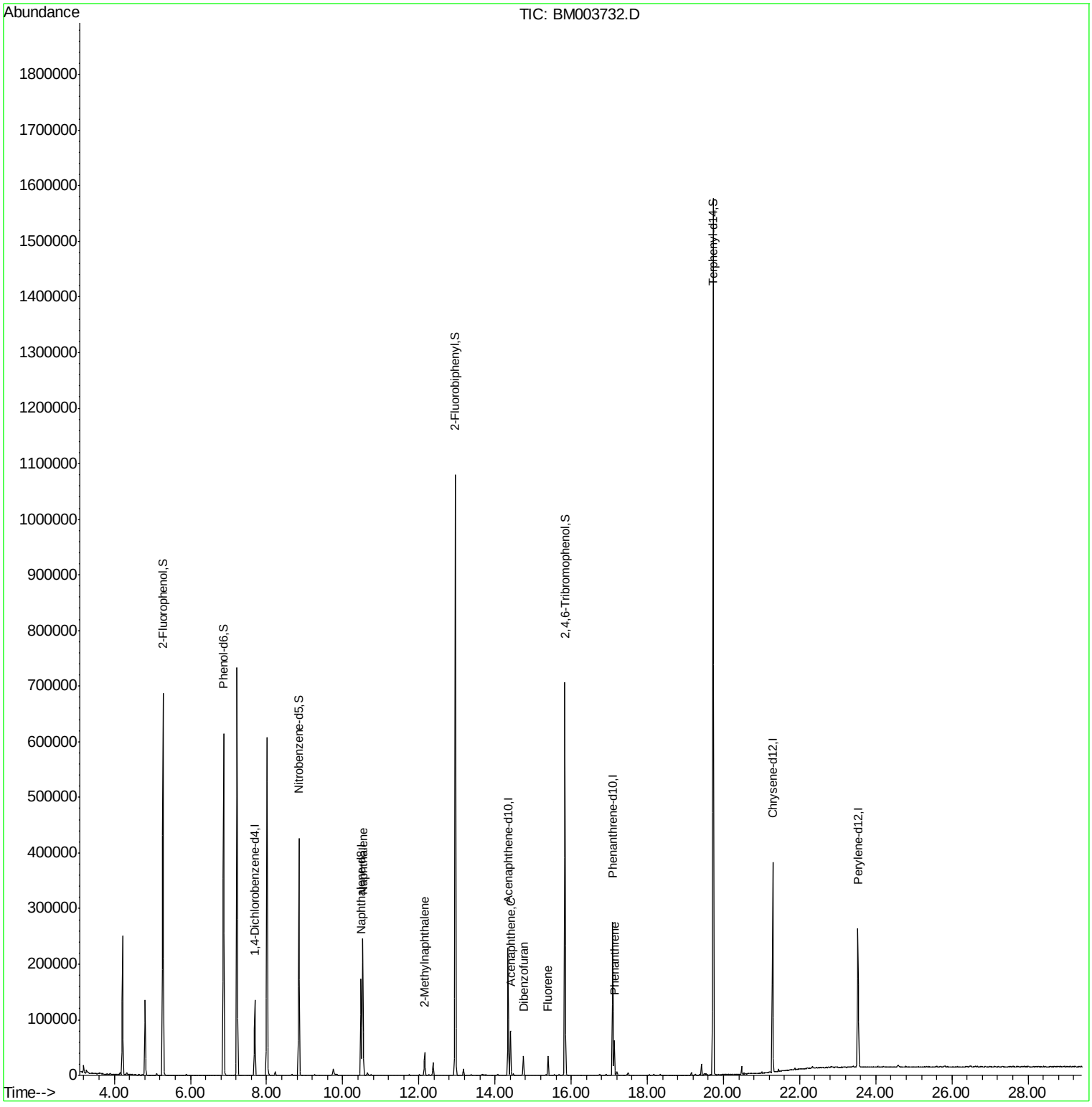
(#) = qualifier out of range (m) = manual integration (+) = signals summed

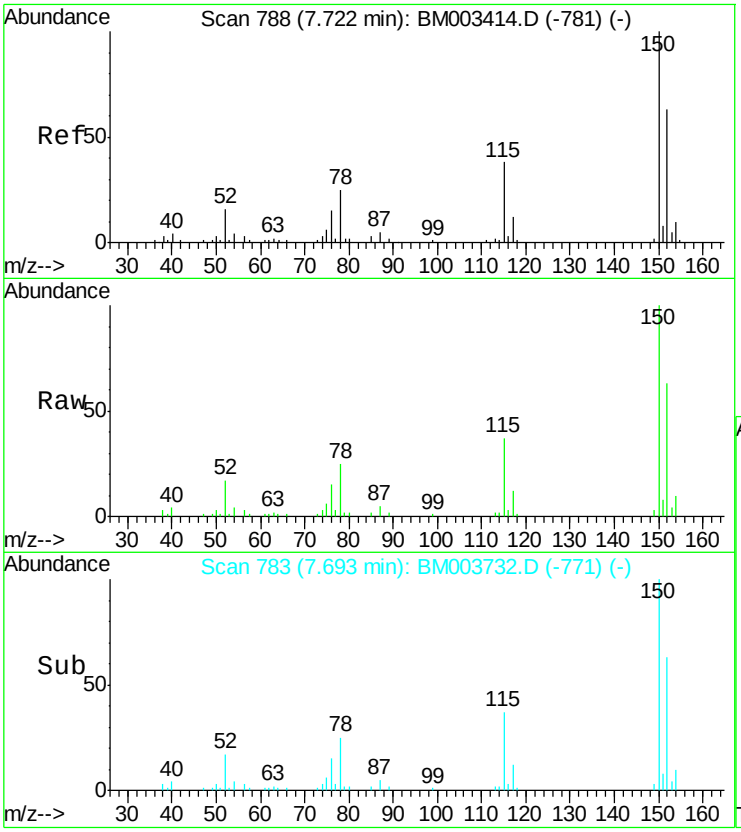
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003732.D
Acq On : 23 Dec 2015 05:44
Operator : UM/SJ
Sample : G4869-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Quant Time: Dec 23 06:18:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration



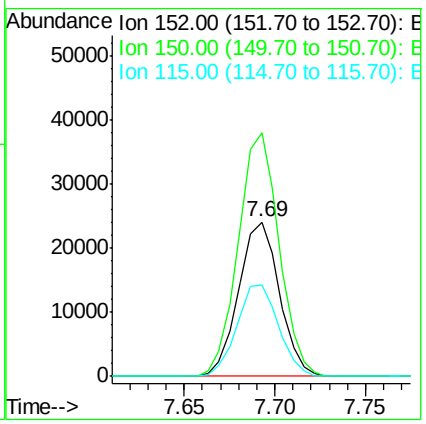


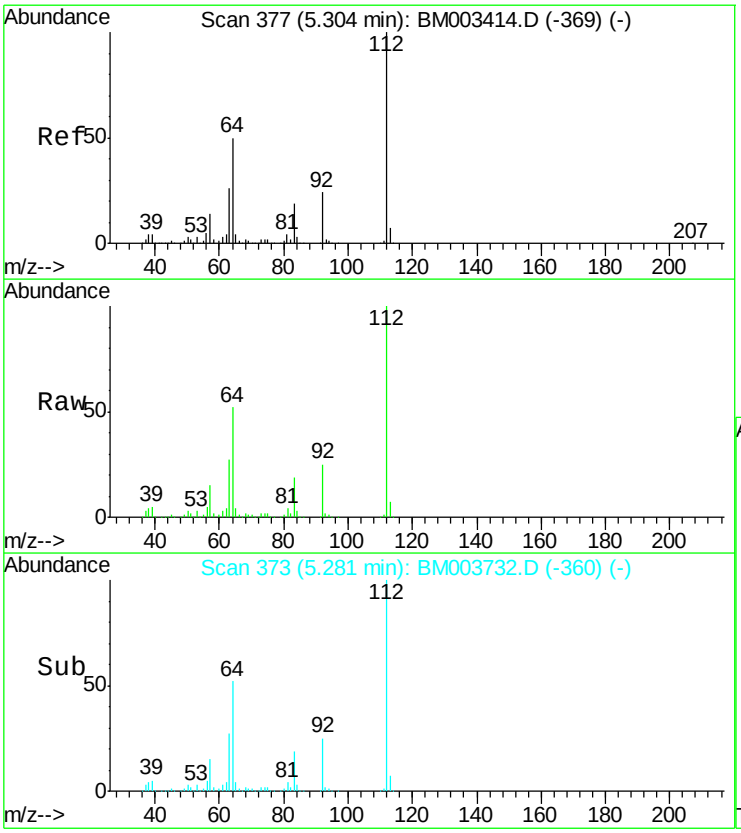
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion:152 Resp: 37723

Ion	Ratio	Lower	Upper
152	100		
150	157.9	119.5	179.3
115	58.8	43.0	64.4

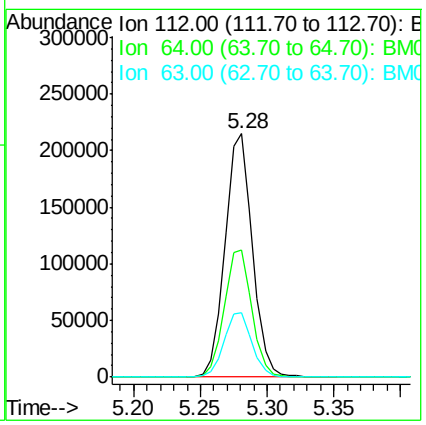


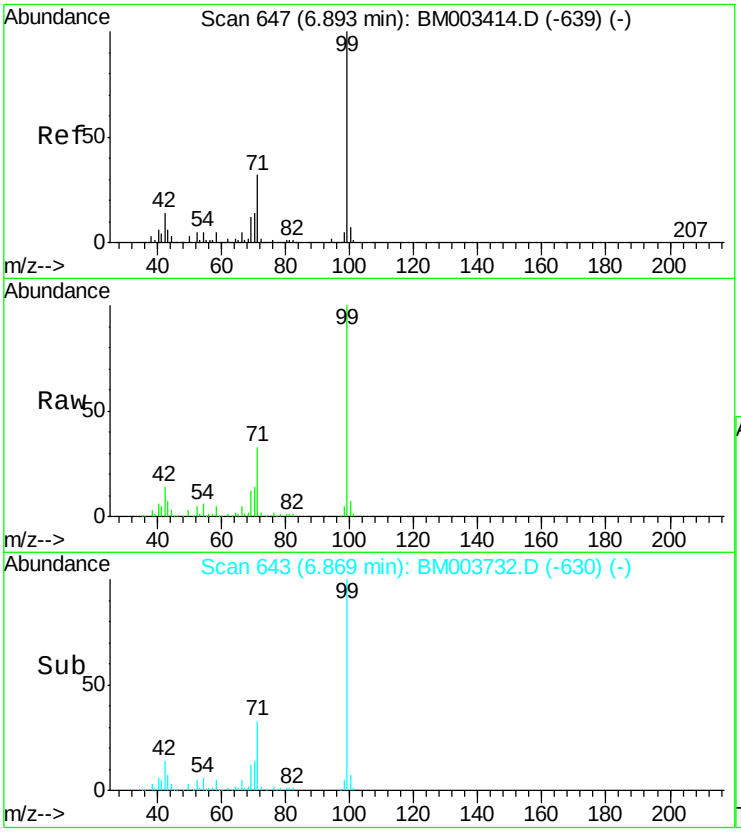


#5
2-Fluorophenol
Concen: 145.82 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:112 Resp: 309389

Ion	Ratio	Lower	Upper
112	100		
64	52.3	38.6	57.8
63	26.6	19.3	28.9



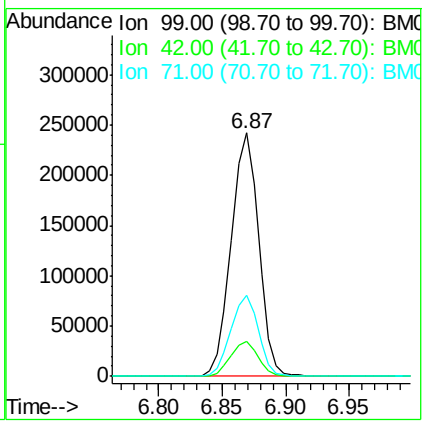


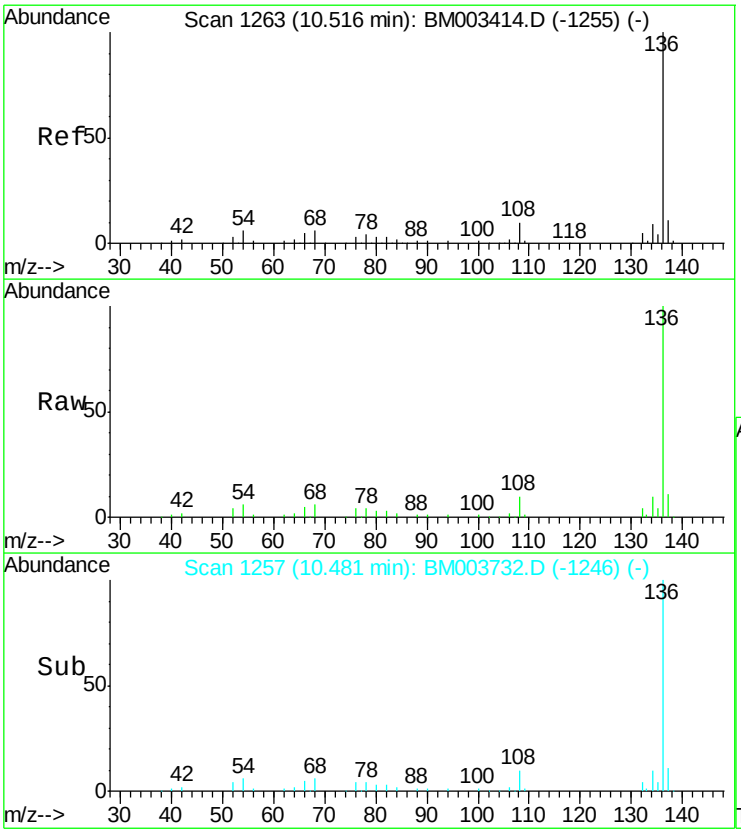
#7
Phenol-d6
Concen: 123.70 ng
RT: 6.87 min Scan# 643
Delta R.T. -0.02 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion: 99 Resp: 364463

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.4
71	33.2	23.4	35.2

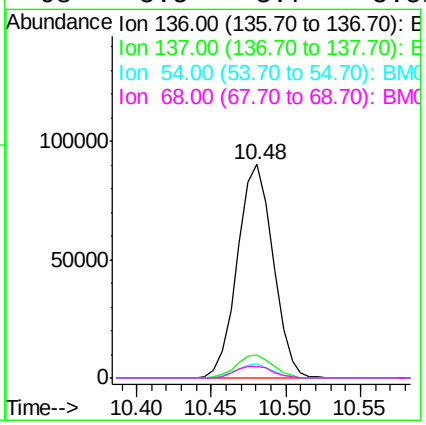


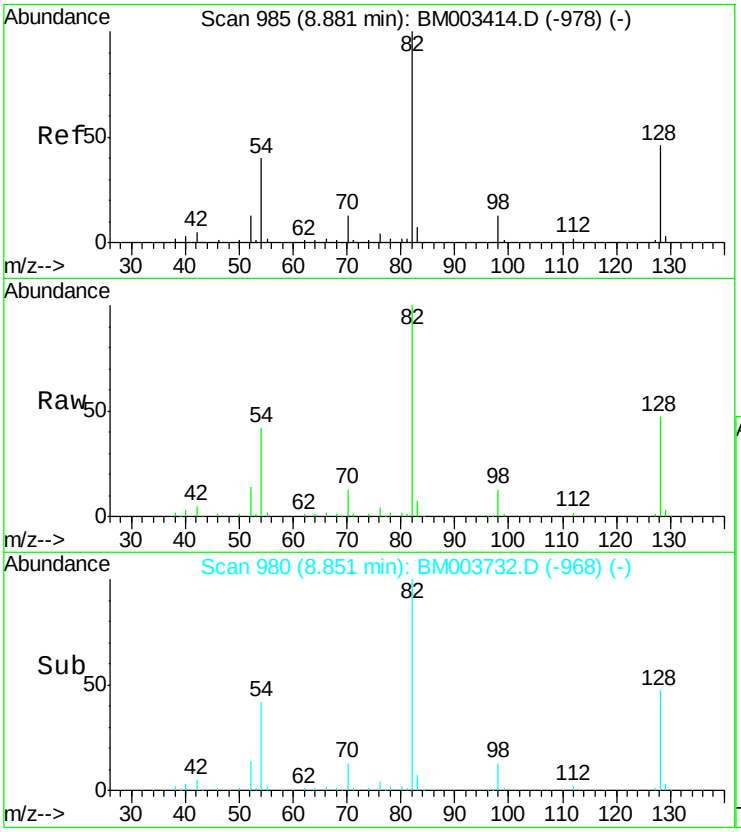


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:136 Resp: 149815

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.5	4.6	6.8
68	5.5	3.7	5.5#



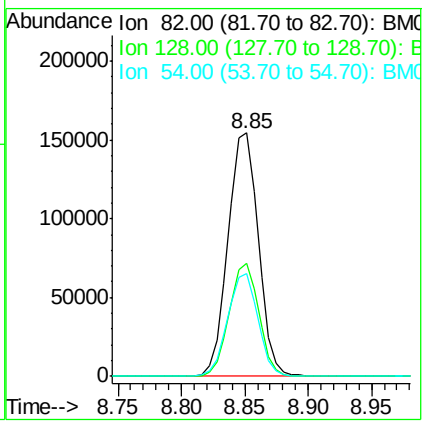


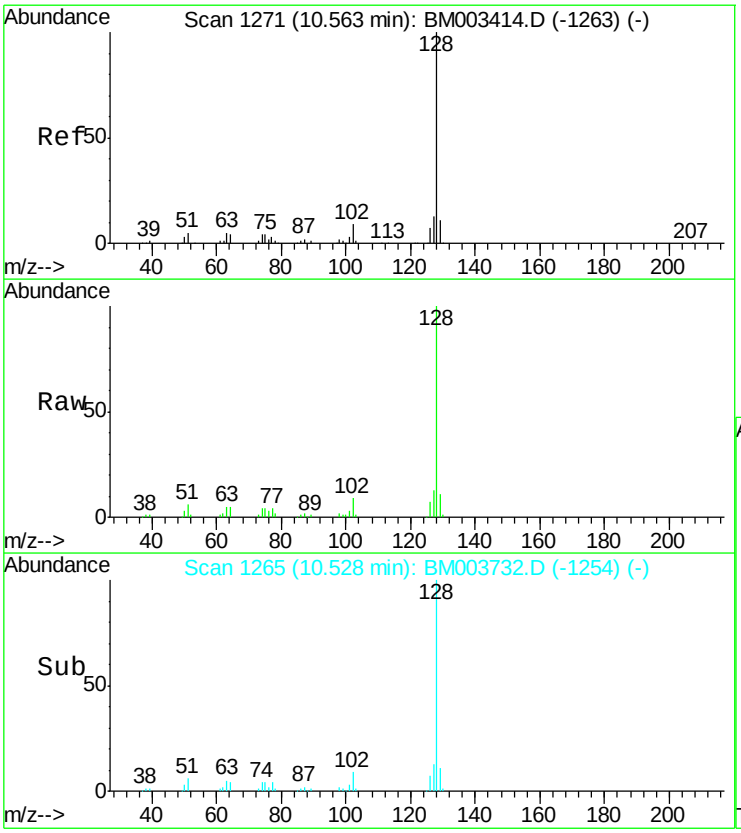
#23
Nitrobenzene-d5
Concen: 105.91 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion: 82 Resp: 255904

Ion	Ratio	Lower	Upper
82	100		
128	46.6	32.8	49.2
54	42.2	40.6	60.8

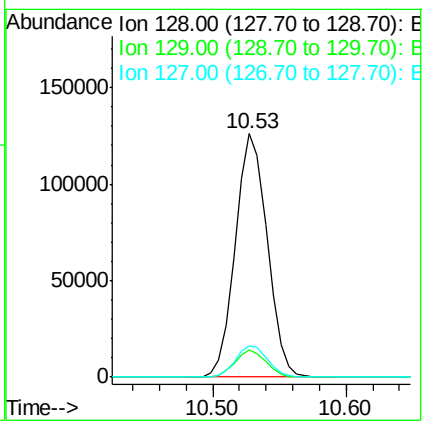


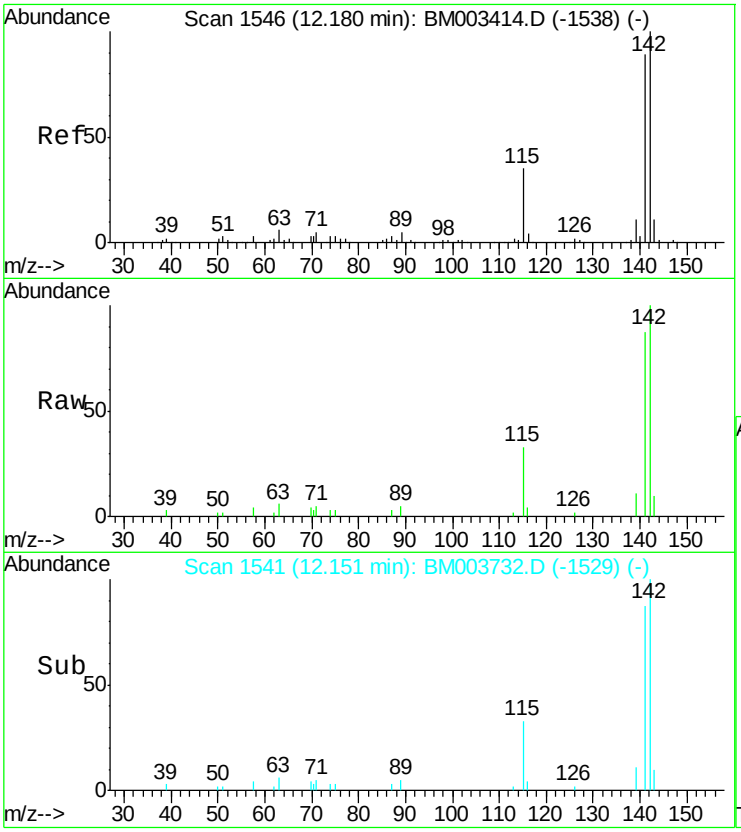


#31
Naphthalene
Concen: 26.59 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.04 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:128 Resp: 208482

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6



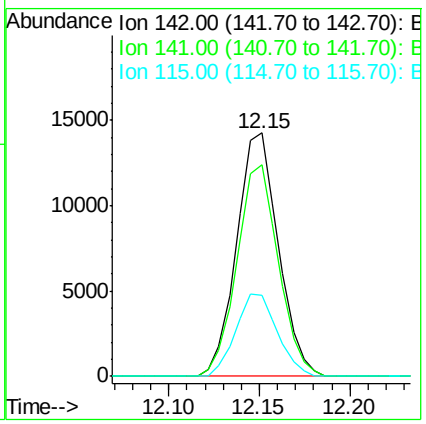


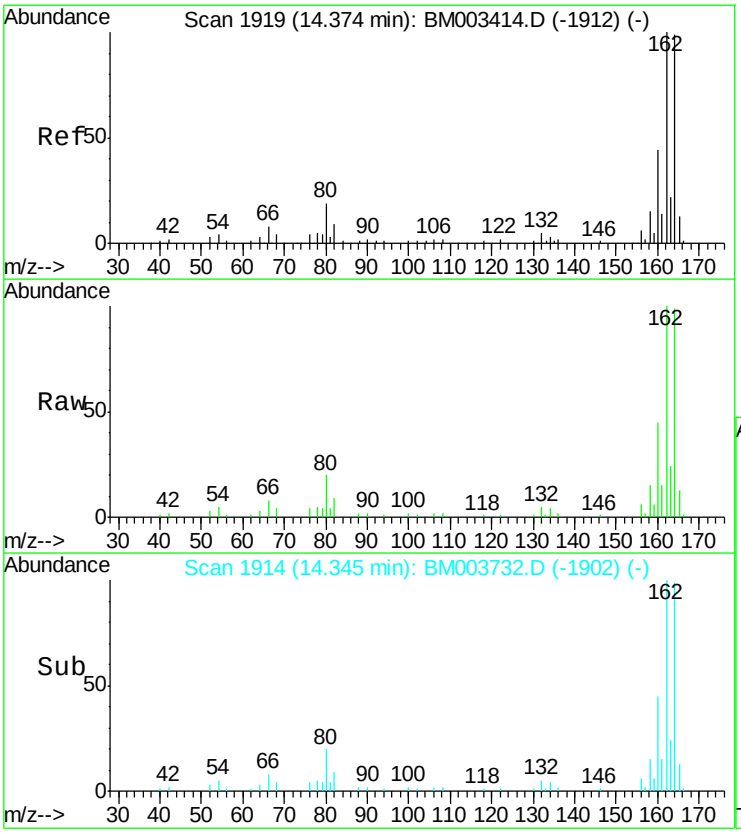
#37
2-Methylnaphthalene
Concen: 4.24 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion:142 Resp: 22803

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.9	107.9
115	33.1	25.4	38.0

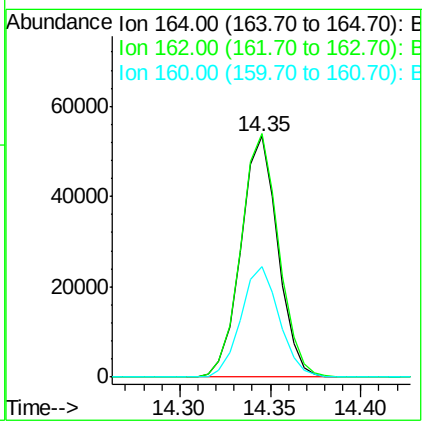


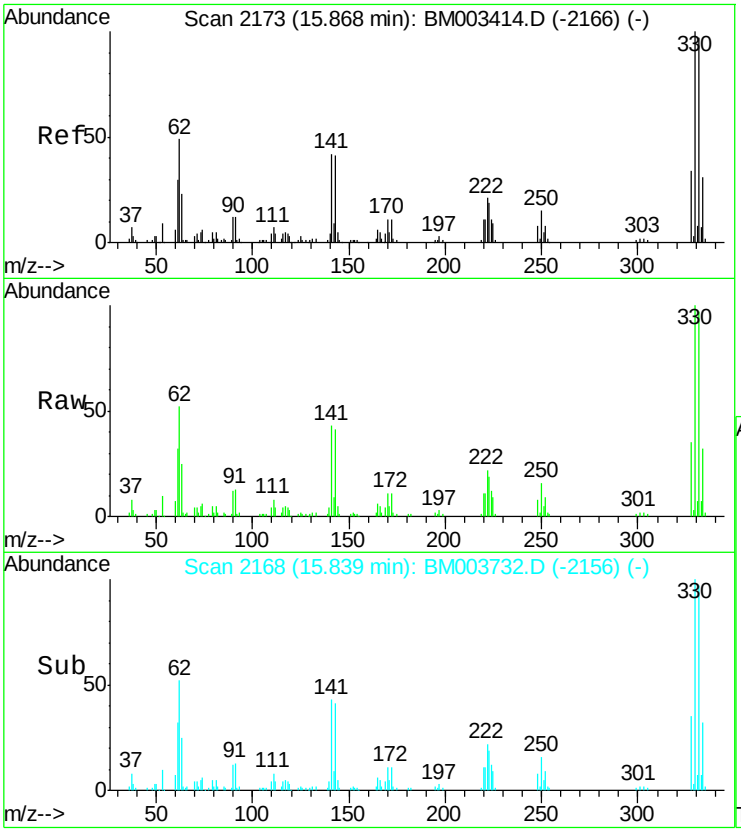


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:164 Resp: 75536

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	45.7	35.8	53.6



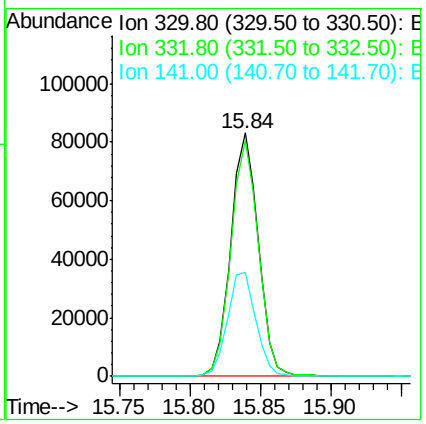


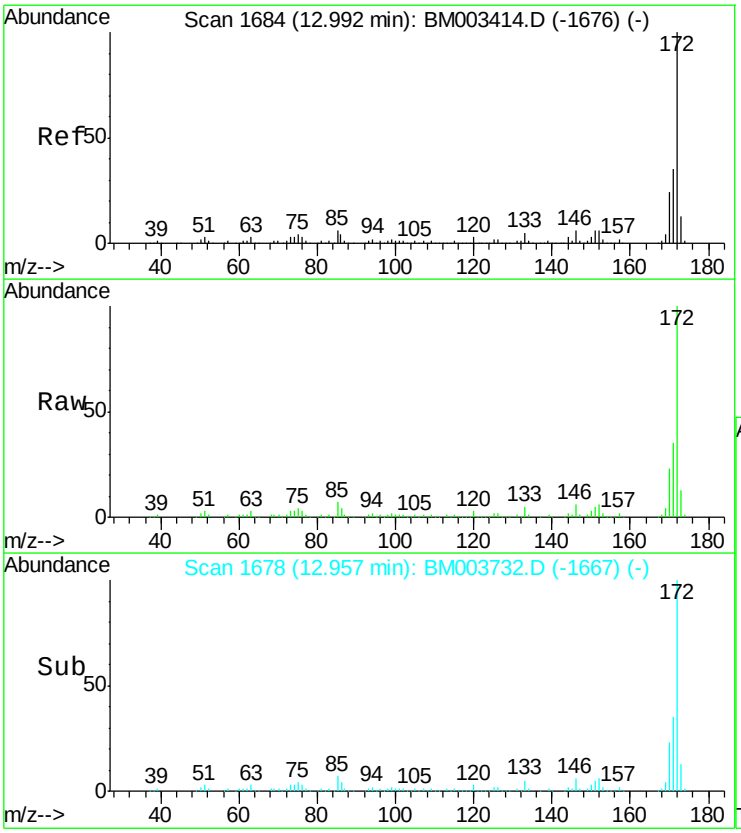
#41
2,4,6-Tribromophenol
Concen: 149.83 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion:330 Resp: 113025

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	44.0	0.0	0.0#

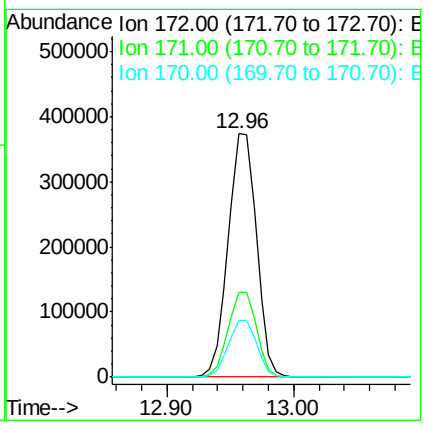


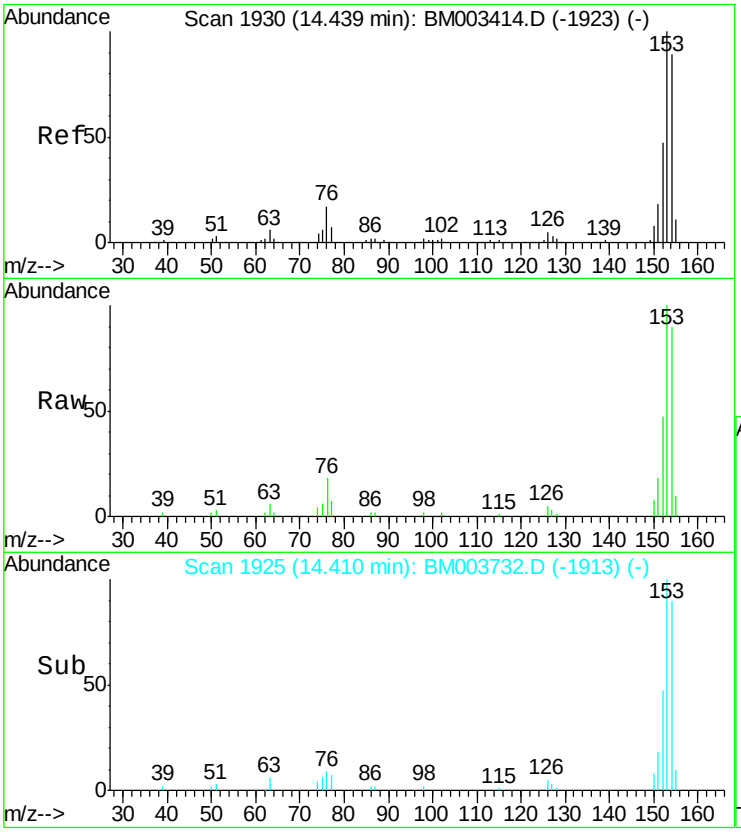


#44
2-Fluorobiphenyl
Concen: 103.82 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.04 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:172 Resp: 575615

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.5	18.8	28.2



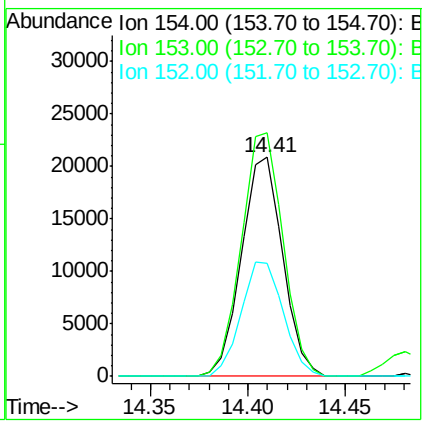


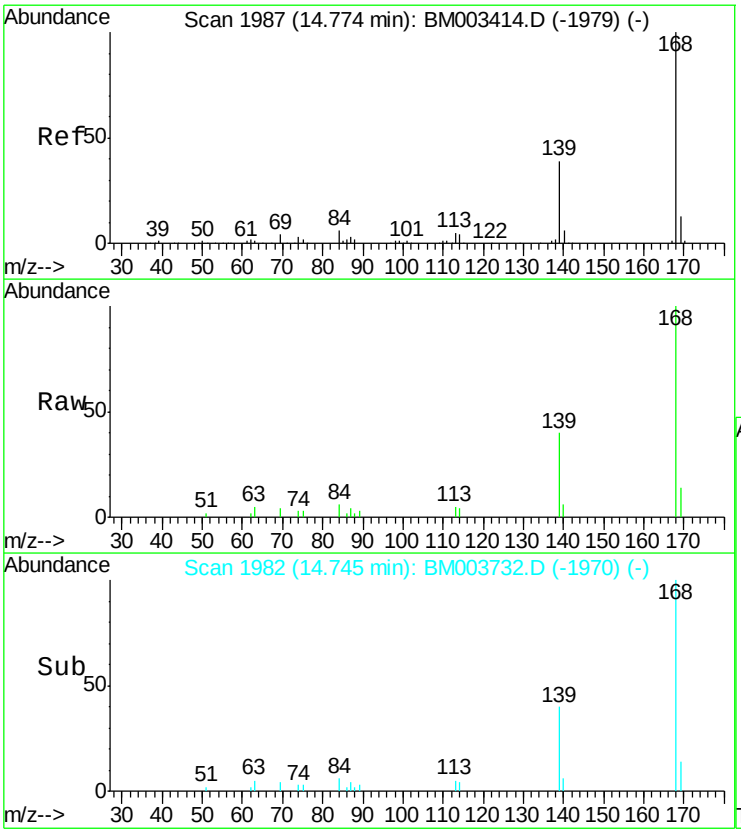
#51
Acenaphthene
Concen: 6.42 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion:154 Resp: 30539

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.0	135.0
152	51.9	42.6	63.8

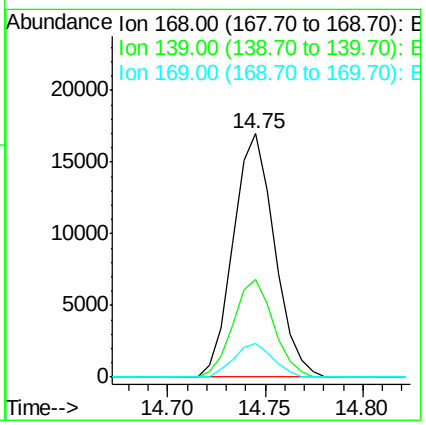


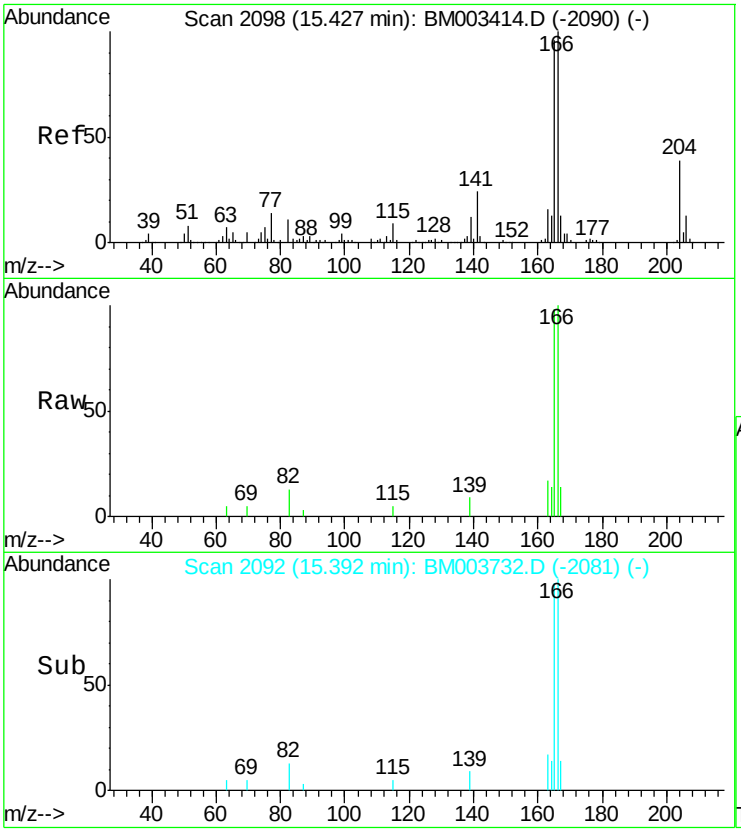


#54
Dibenzofuran
Concen: 3.63 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:168 Resp: 24923

Ion	Ratio	Lower	Upper
168	100		
139	39.9	27.3	40.9
169	13.9	10.6	16.0



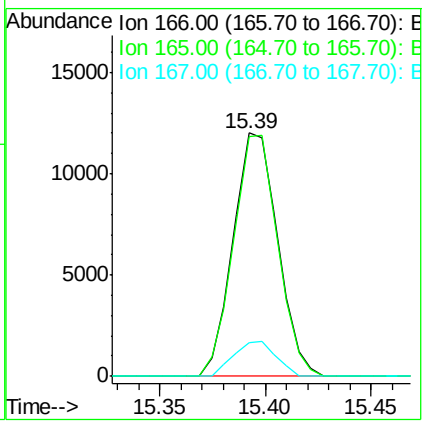


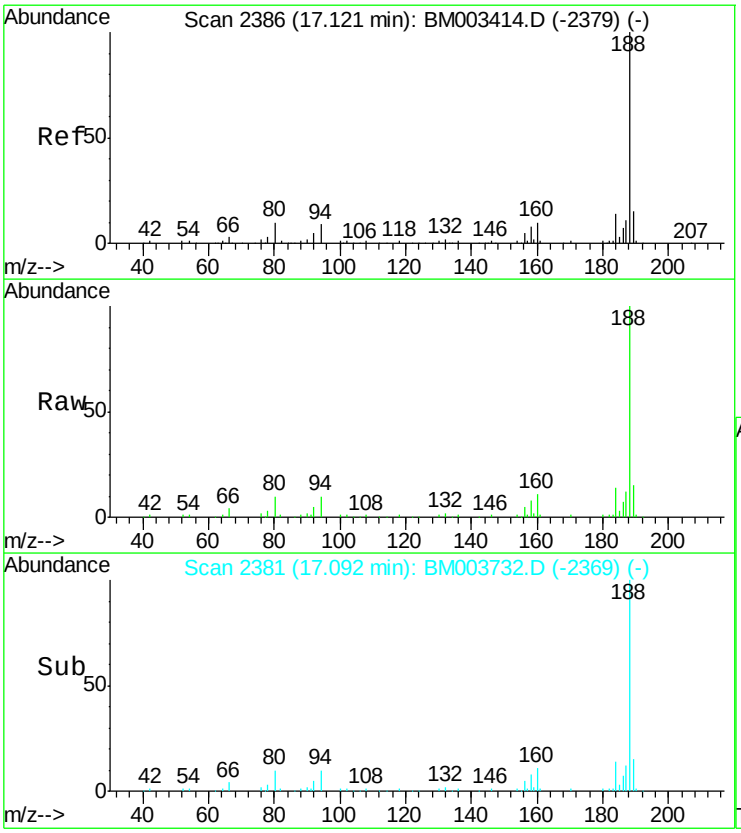
#57
Fluorene
Concen: 3.09 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion:166 Resp: 17611

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.4
167	13.8	10.3	15.5

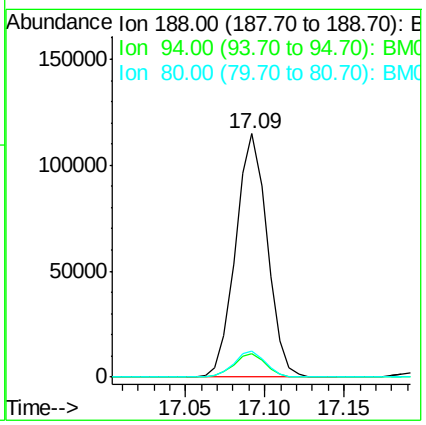


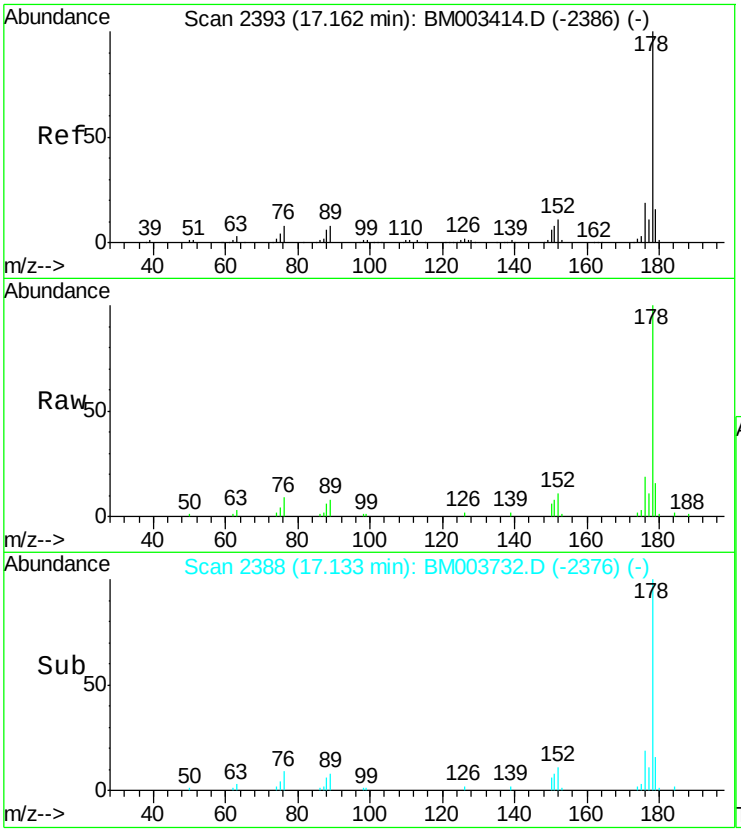


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:188 Resp: 158803

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.7	13.1
80	10.4	9.3	13.9



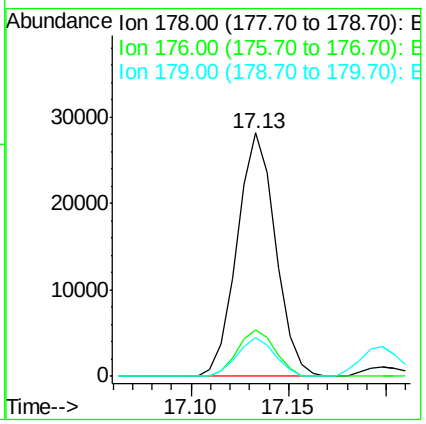


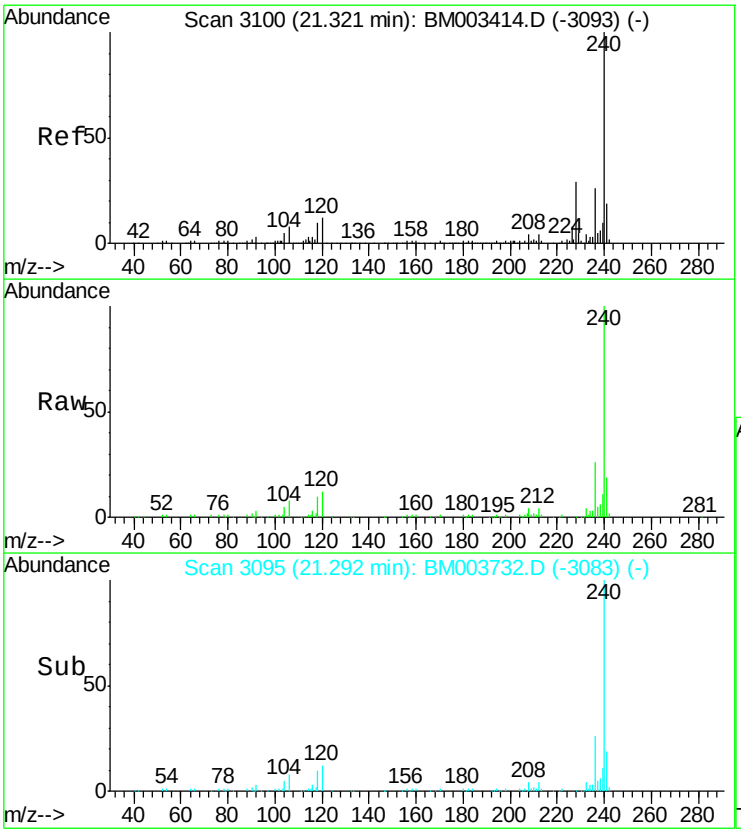
#70
Phenanthrene
Concen: 4.30 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion:178 Resp: 38303

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.1	12.1	18.1

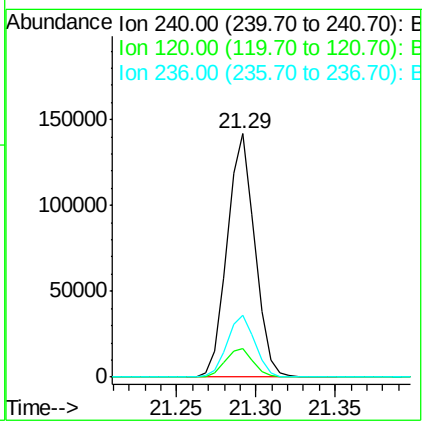


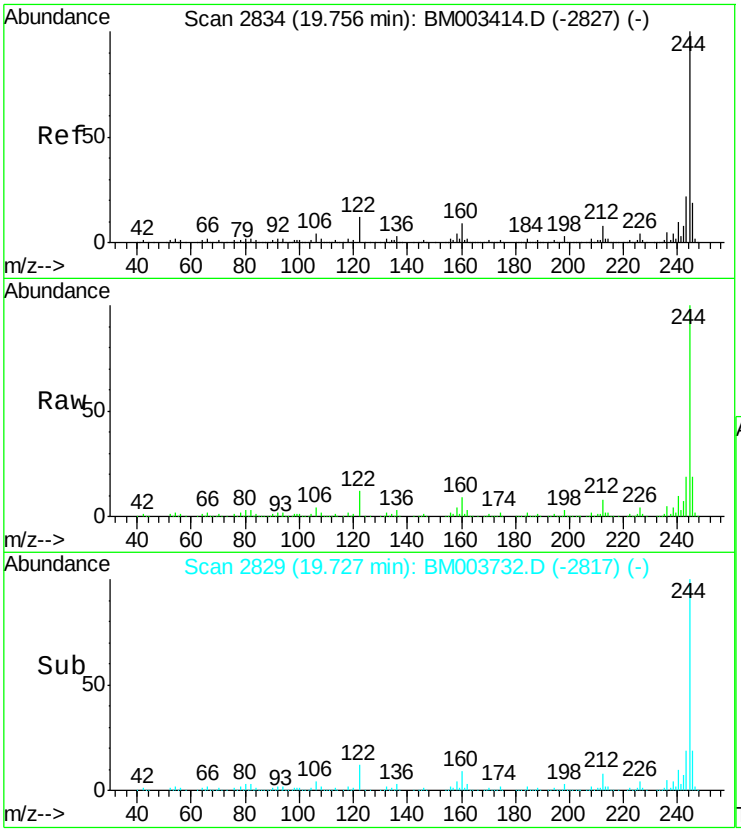


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:240 Resp: 170663

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.2	12.2
236	25.5	20.0	30.0



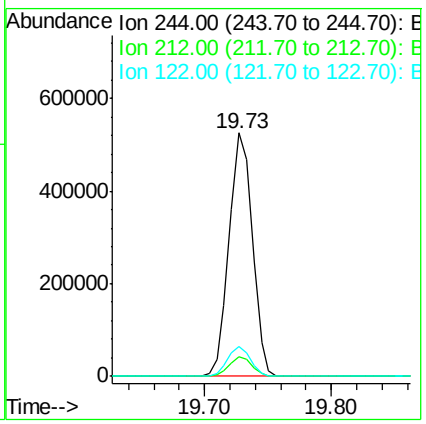


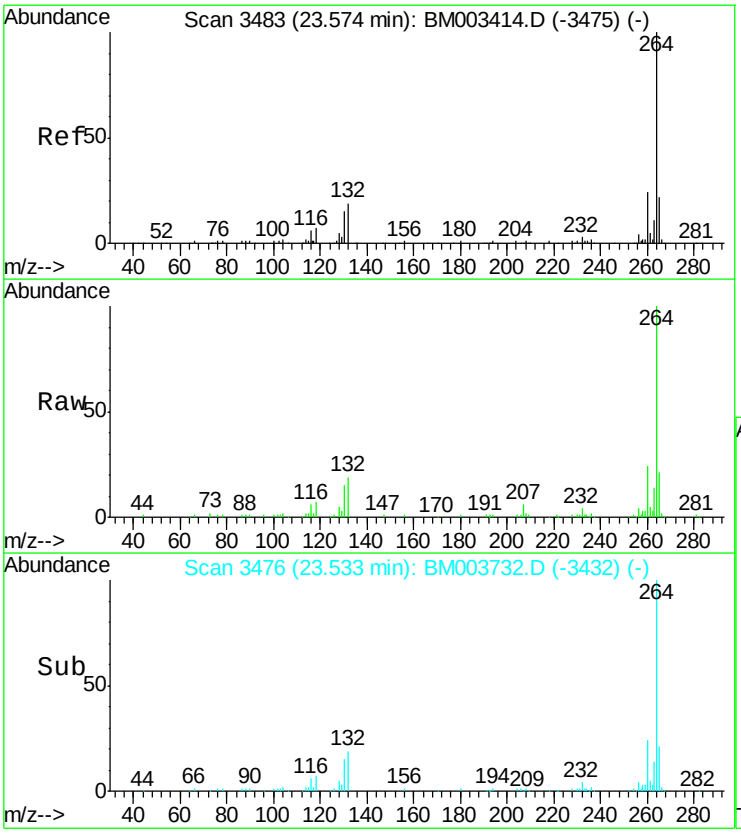
#78
Terphenyl-d14
Concen: 92.02 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tgt Ion:244 Resp: 665889

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	12.4	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:264 Resp: 170772

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.5	17.3	25.9