Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003729.D
Acq On : 23 Dec 2015 03:55
Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

Quant Time: Dec 23 04:58:28 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	37075	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	145620	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	68337	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	152842	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	158873	20.00	ng	-0.03
86) Perylene-d12	23.53	264	63827	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	298496	143.14	ng	-0.02
7) Phenol-d6	6.87	99	337752	116.64	ng	-0.02
23) Nitrobenzene-d5	8.85	82	243538	103.69	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	108048	158.32	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	547403	109.14	ng	-0.04
78) Terphenyl-d14	19.73	244	641201	95.18	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	403062	52.90	ng	100
37) 2-Methylnaphthalene	12.15	142	45569	8.72	ng	96
45) 1,1'-Biphenyl	13.17	154	12869	2.12	ng	98
51) Acenaphthene	14.41	154	47450	11.03	ng	99
54) Dibenzofuran	14.75	168	42126	6.78	ng	95
57) Fluorene	15.40	166	28731	5.58	ng	99
70) Phenanthrene	17.13	178	47234	5.51	ng	99

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

Quantitation Report (LSC Reviewed)

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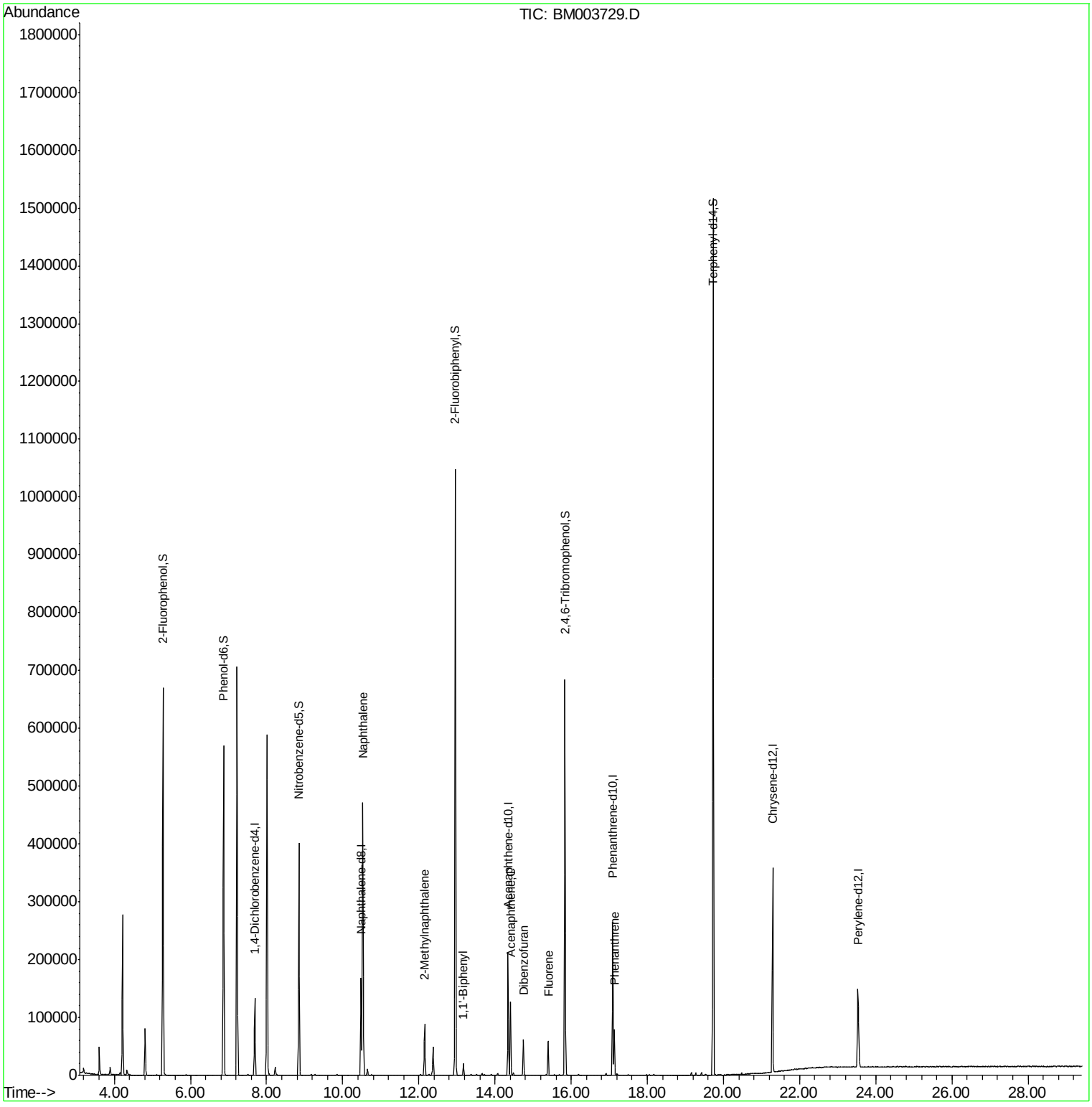
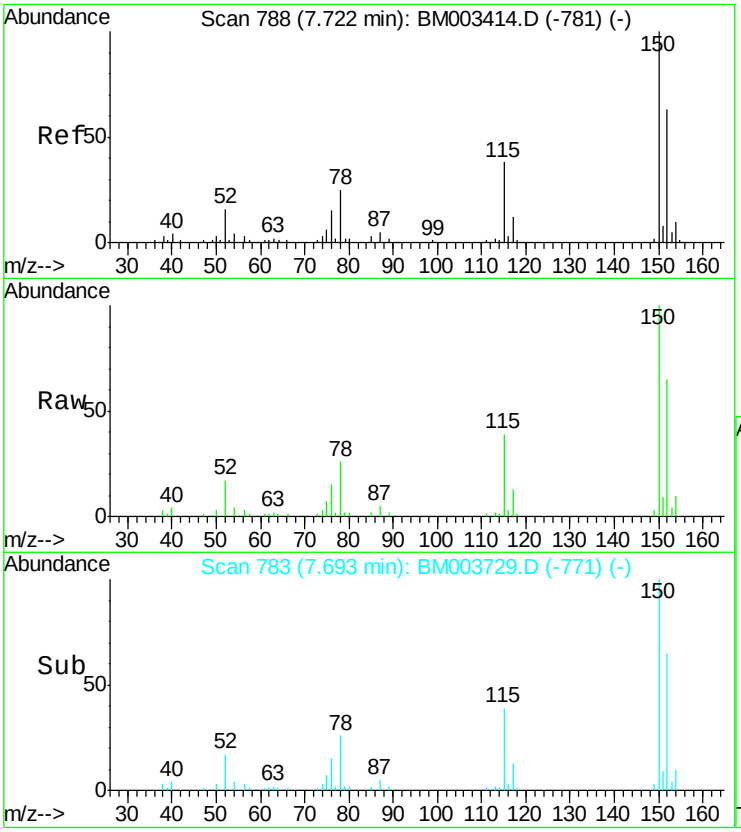


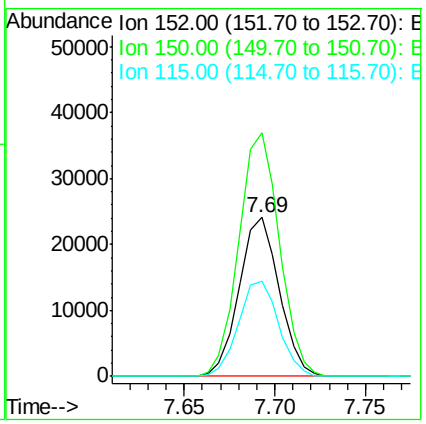


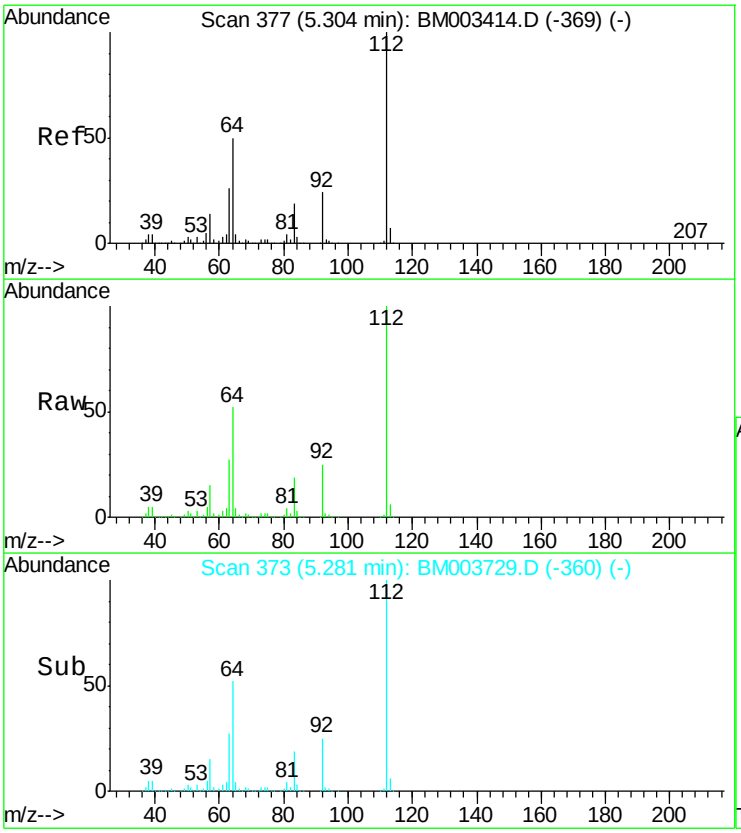
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion:152 Resp: 37075

Ion	Ratio	Lower	Upper
152	100		
150	153.4	119.5	179.3
115	59.6	43.0	64.4

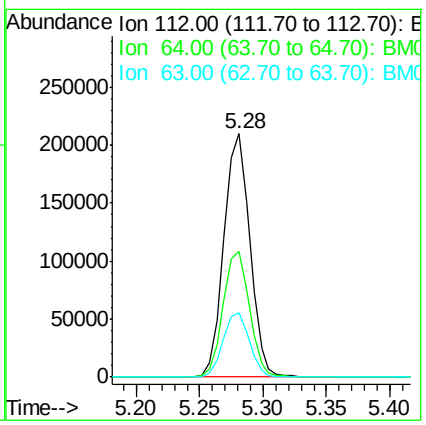


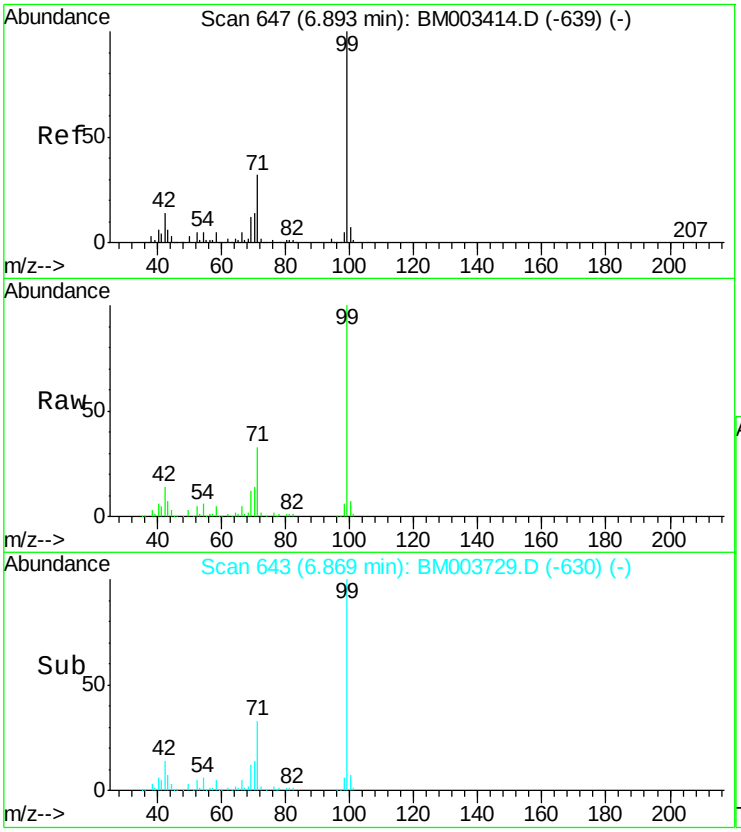


#5
2-Fluorophenol
Concen: 143.14 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:112 Resp: 298496

Ion	Ratio	Lower	Upper
112	100		
64	51.7	38.6	57.8
63	26.7	19.3	28.9



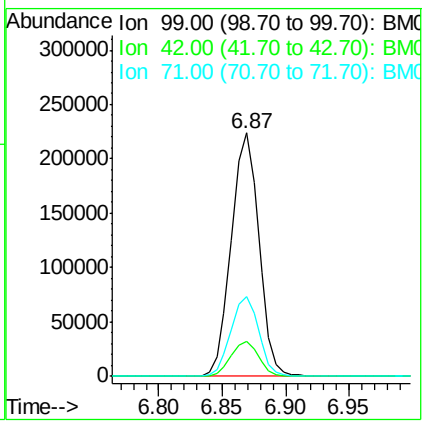


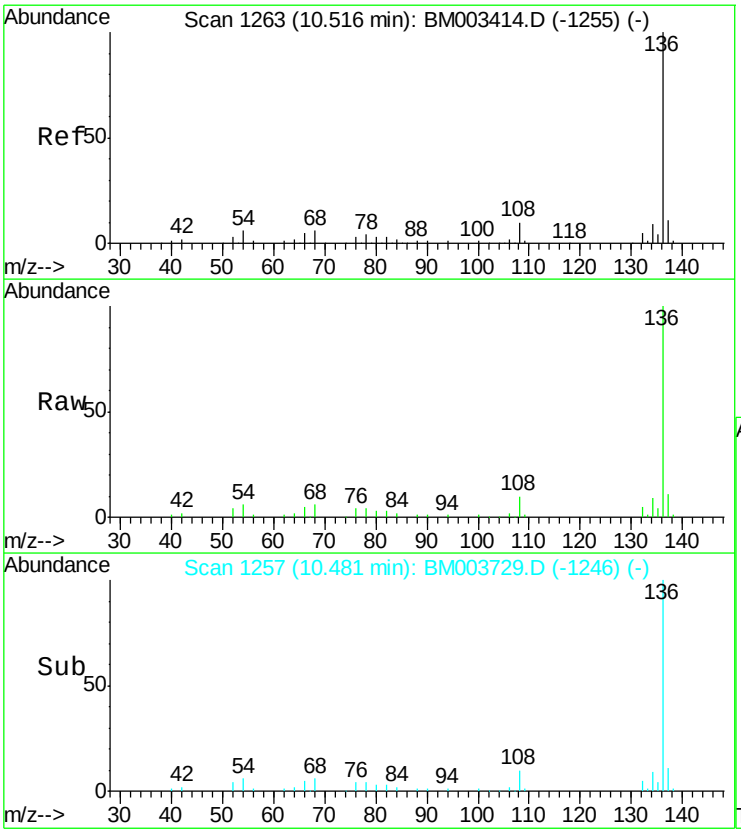
#7
Phenol-d6
Concen: 116.64 ng
RT: 6.87 min Scan# 643
Delta R.T. -0.02 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion: 99 Resp: 337752

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.4
71	32.8	23.4	35.2

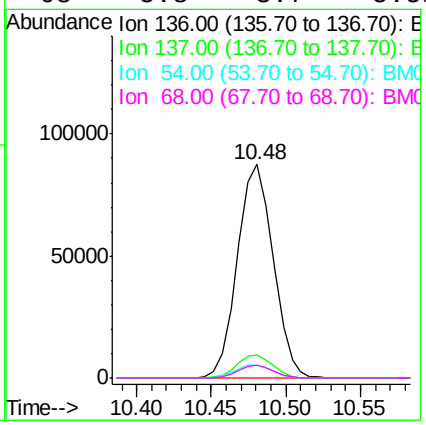


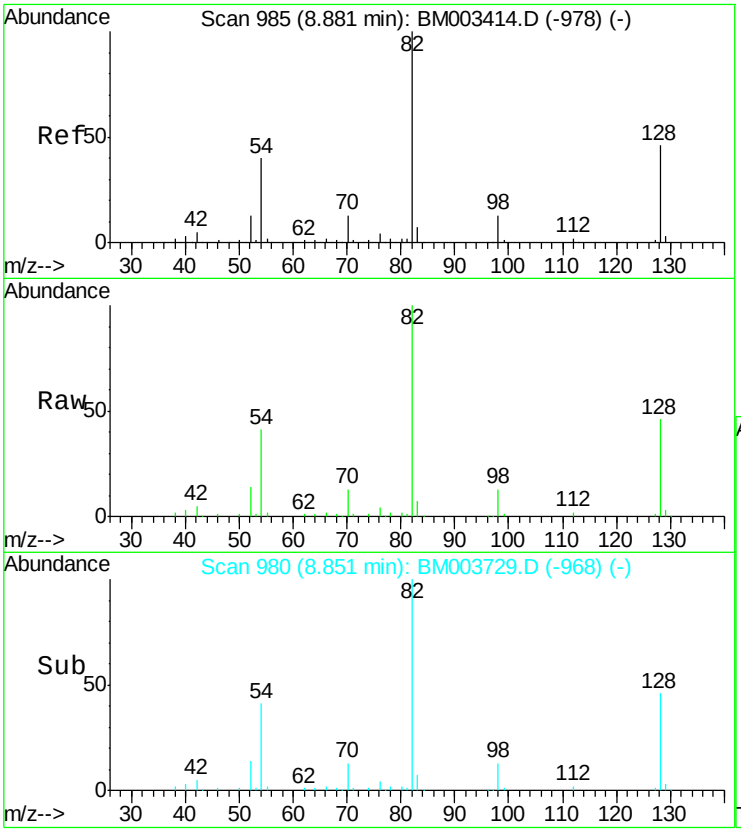


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:136 Resp: 145620

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.2	4.6	6.8
68	5.8	3.7	5.5#



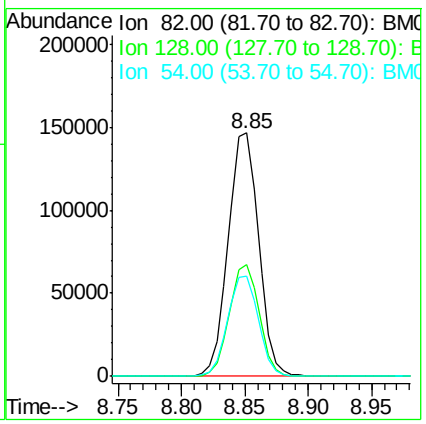


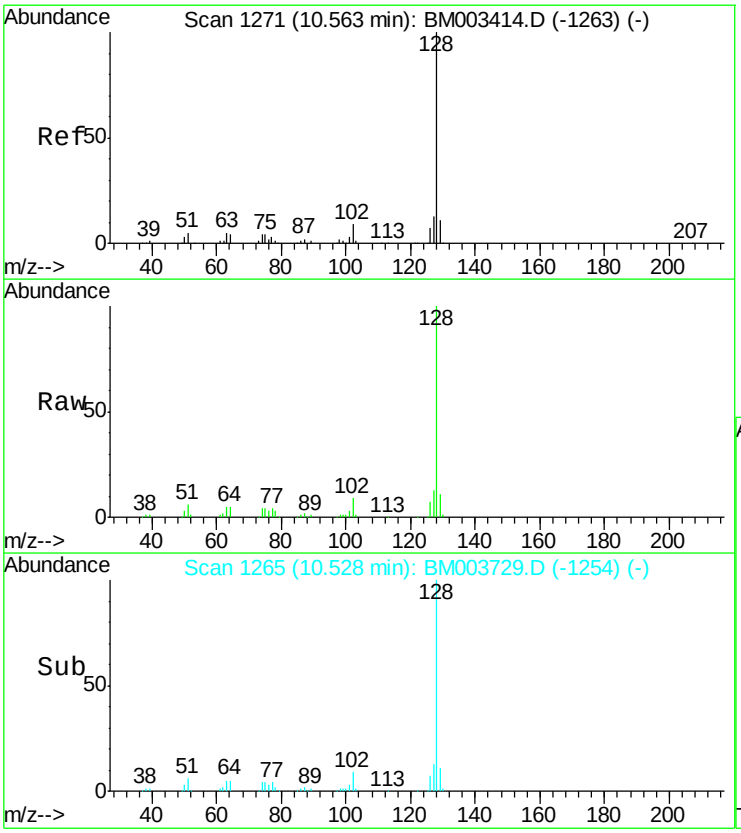
#23
Nitrobenzene-d5
Concen: 103.69 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion: 82 Resp: 243538

Ion	Ratio	Lower	Upper
82	100		
128	46.1	32.8	49.2
54	41.4	40.6	60.8

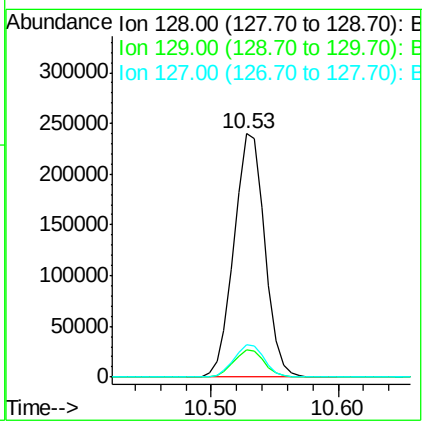


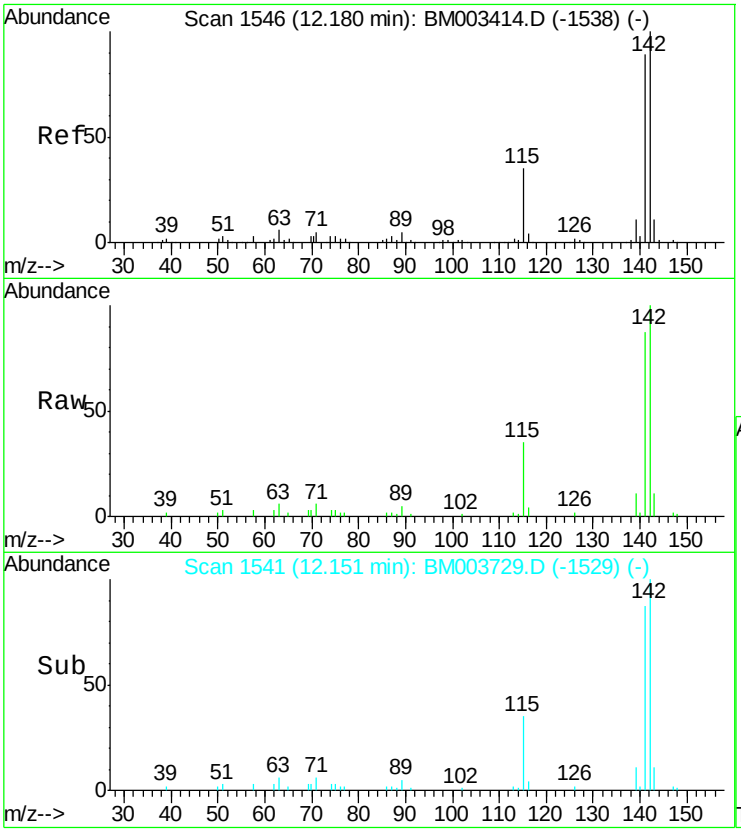


#31
Naphthalene
Concen: 52.90 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.04 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:128 Resp: 403062

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.1	10.4	15.6



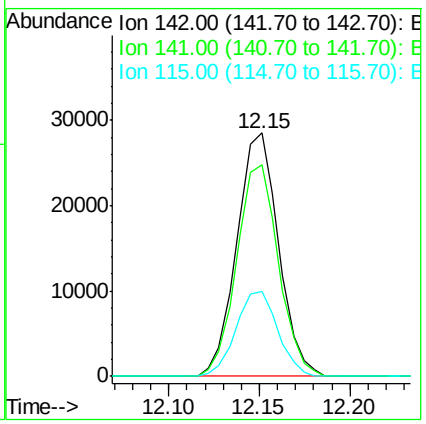


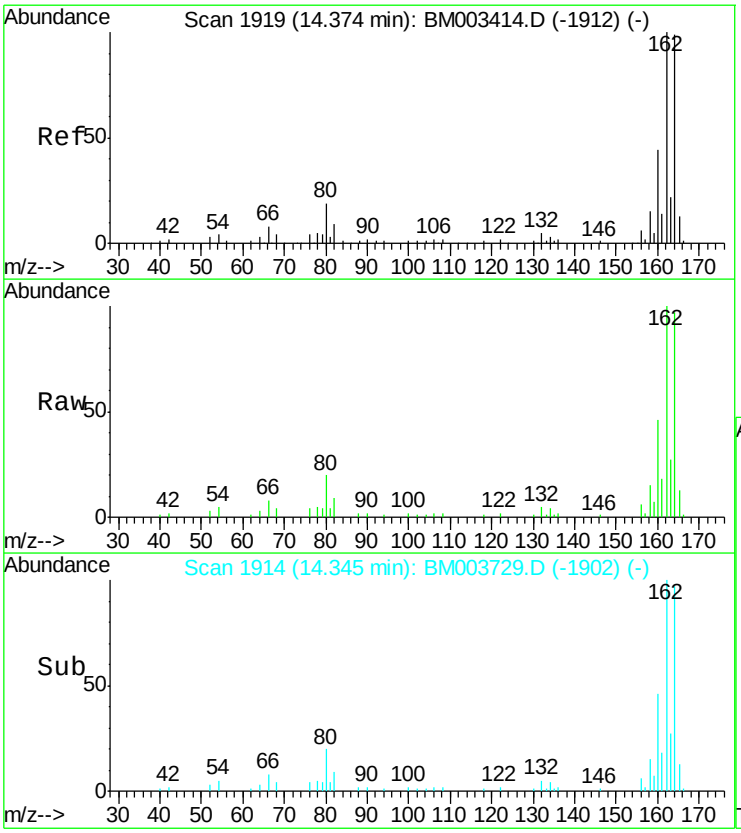
#37
2-Methylnaphthalene
Concen: 8.72 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion:142 Resp: 45569

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.9	107.9
115	34.9	25.4	38.0

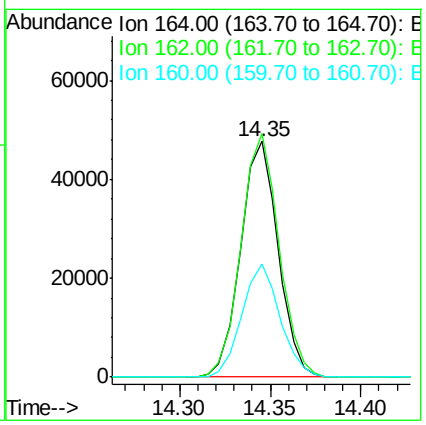


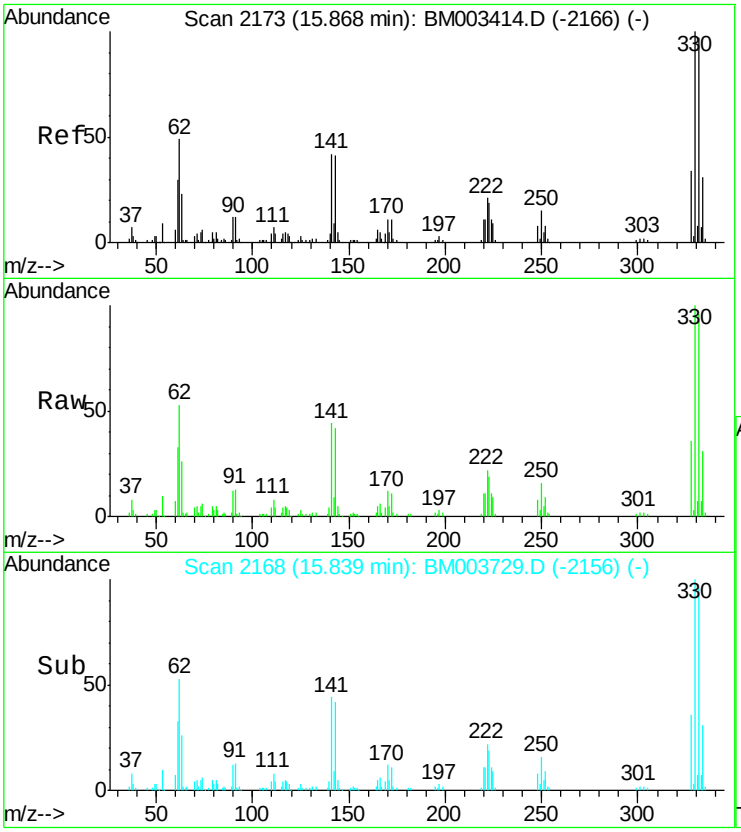


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:164 Resp: 68337

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	48.0	35.8	53.6



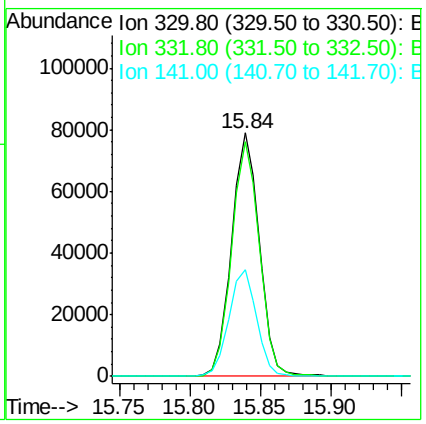


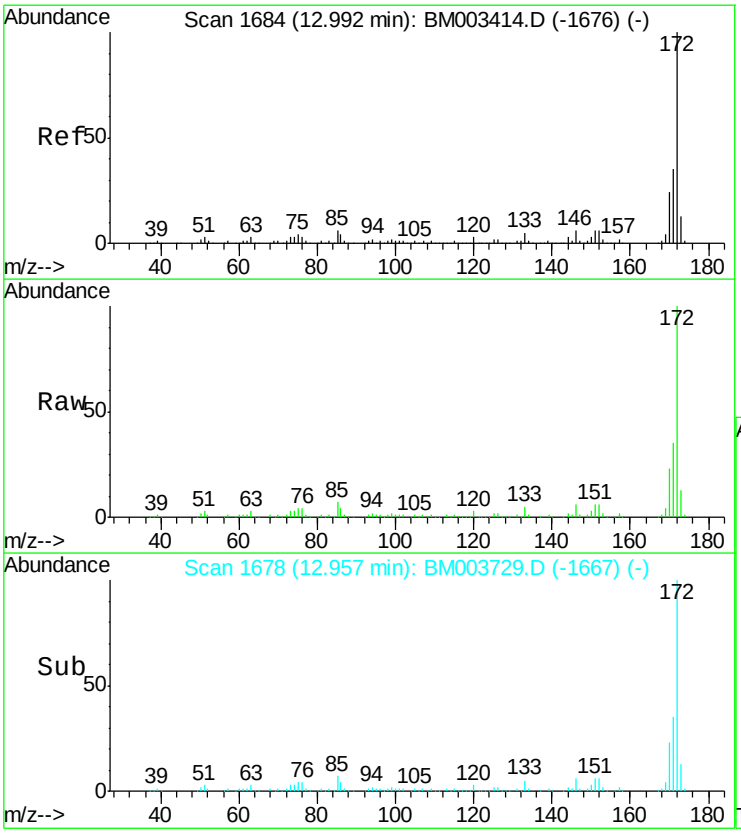
#41
2,4,6-Tribromophenol
Concen: 158.32 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion:330 Resp: 108048

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	43.6	0.0	0.0#

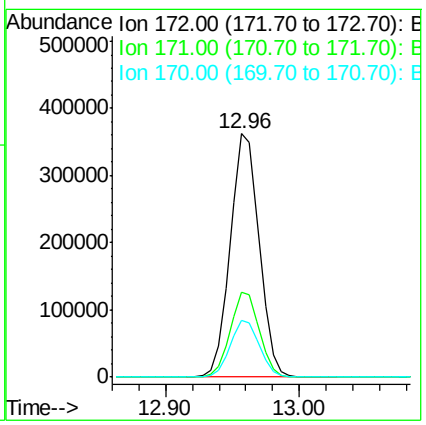


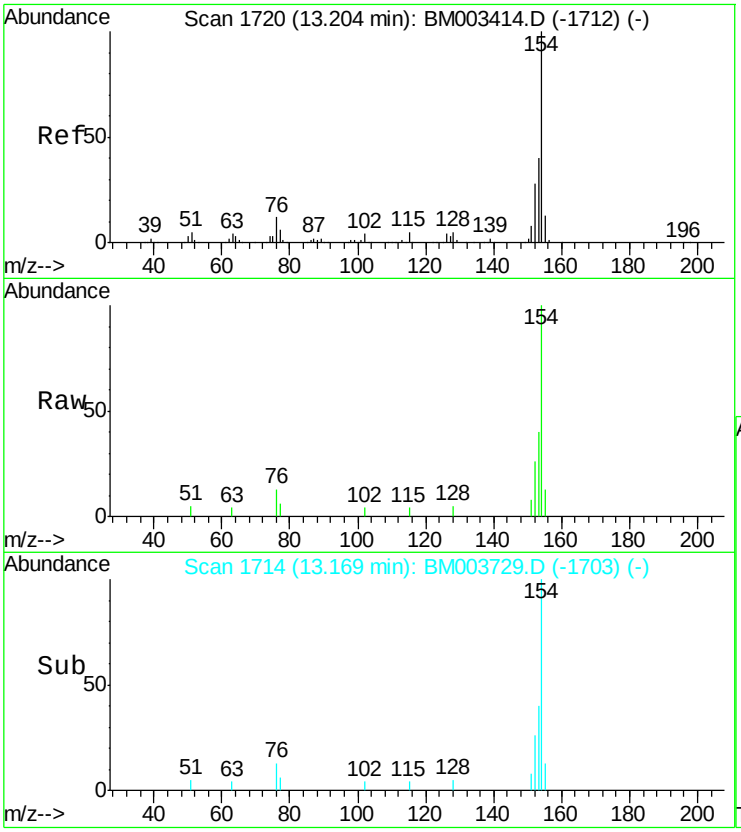


#44
2-Fluorobiphenyl
Concen: 109.14 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.04 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:172 Resp: 547403

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.1	18.8	28.2



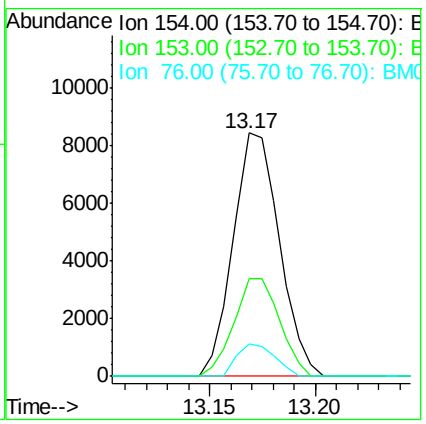


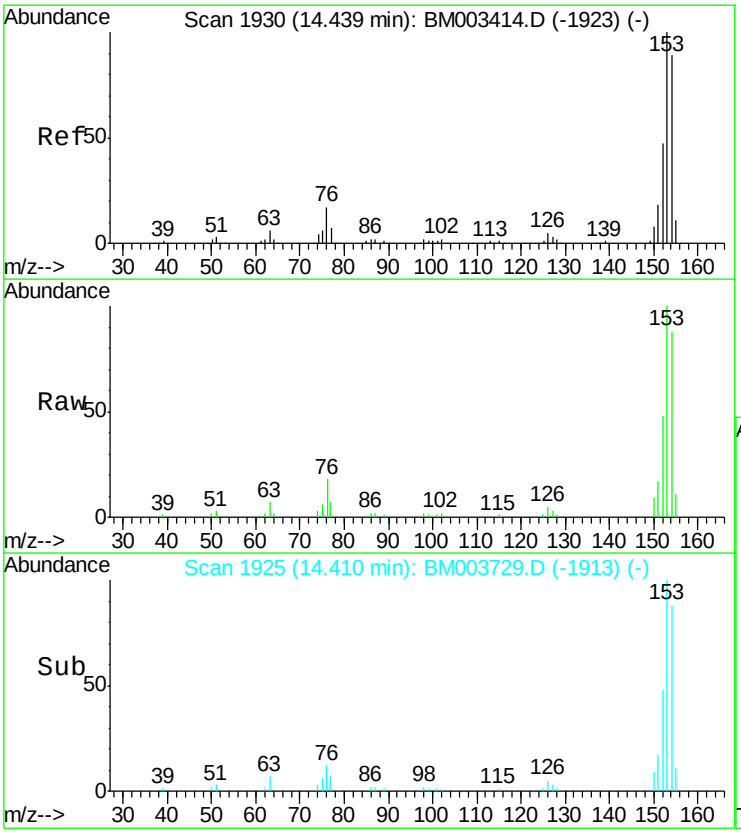
#45
1,1'-Biphenyl
Concen: 2.12 ng
RT: 13.17 min Scan# 1714
Delta R.T. -0.04 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion:154 Resp: 12869

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.7	60.7
76	13.4	0.0	30.9

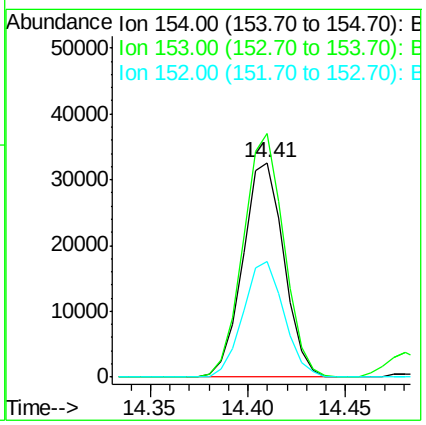


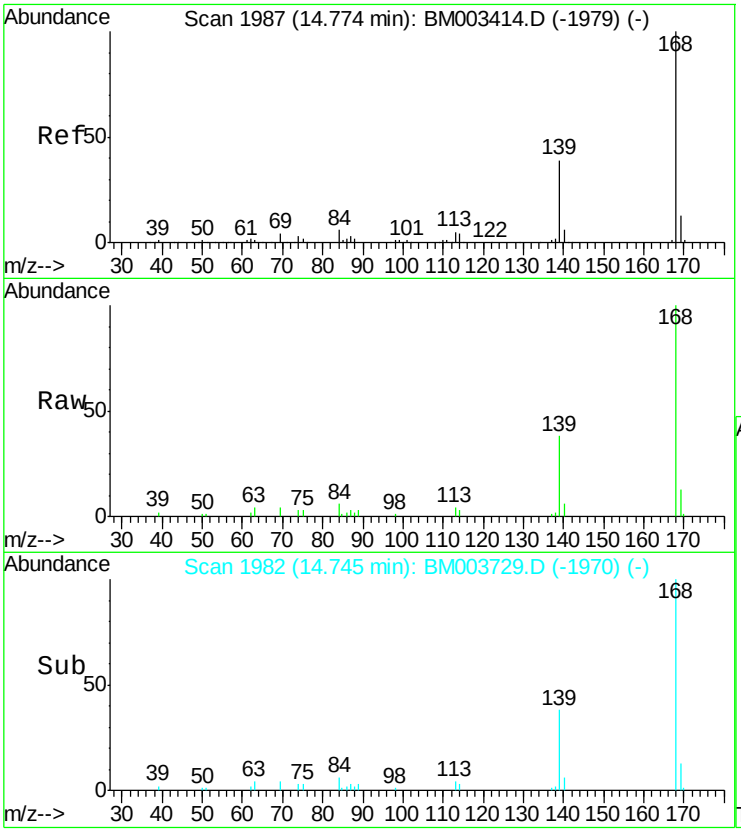


#51
Acenaphthene
Concen: 11.03 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:154 Resp: 47450

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.0	135.0
152	54.0	42.6	63.8



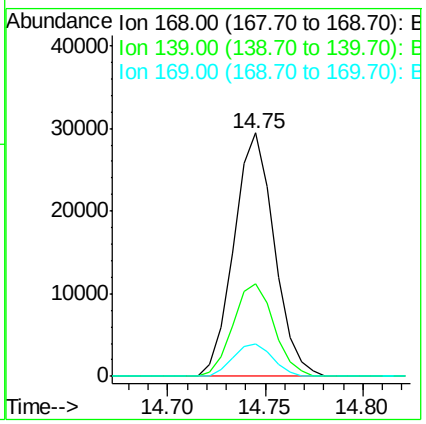


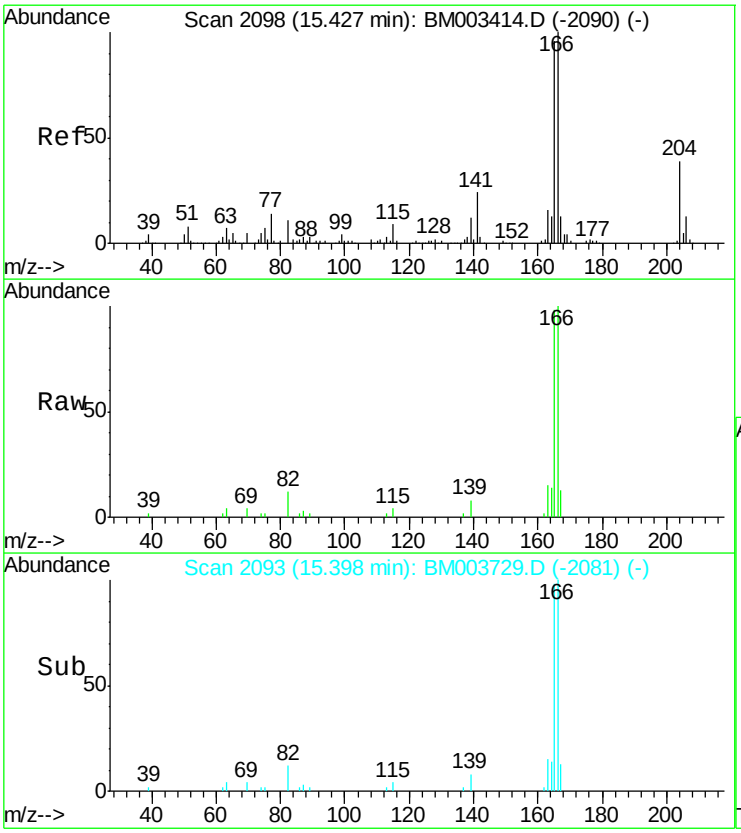
#54
Dibenzofuran
Concen: 6.78 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion:168 Resp: 42126

Ion	Ratio	Lower	Upper
168	100		
139	38.0	27.3	40.9
169	13.5	10.6	16.0

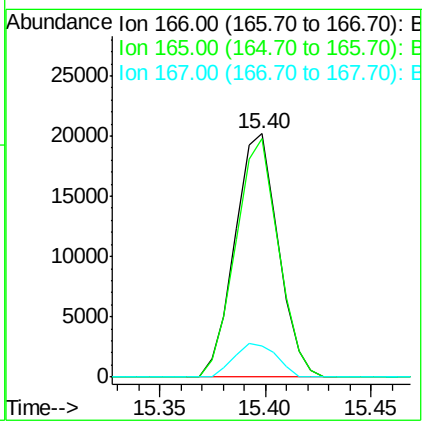


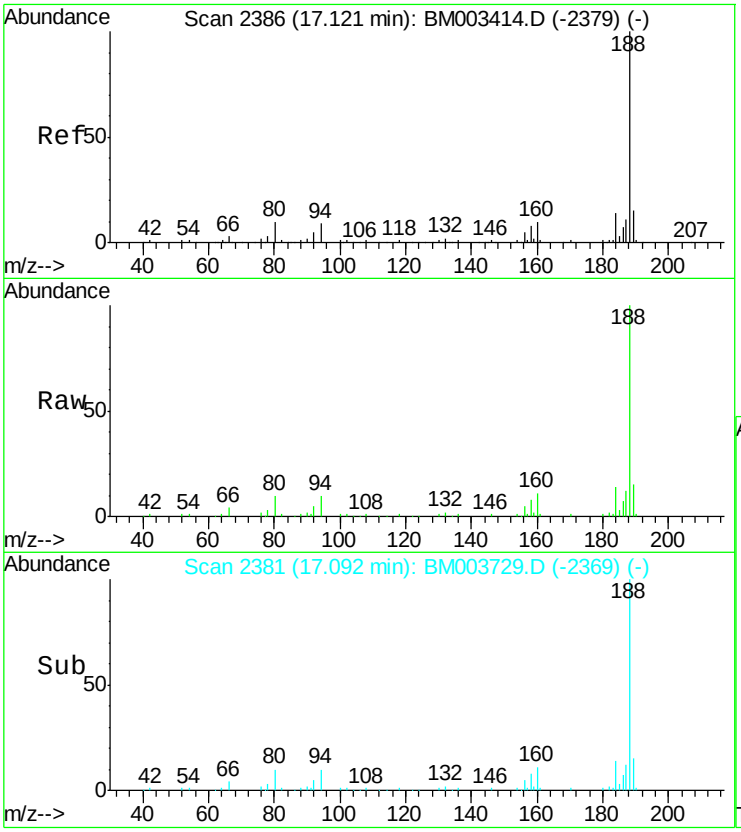


#57
Fluorene
Concen: 5.58 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:166 Resp: 28731

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	12.9	10.3	15.5



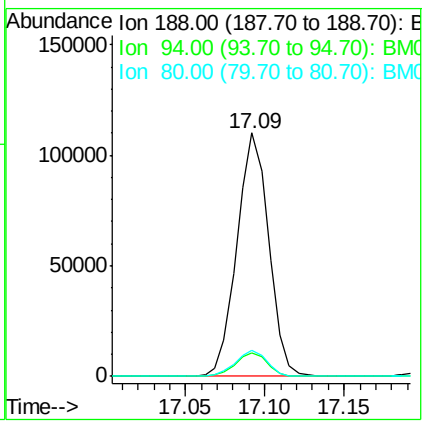


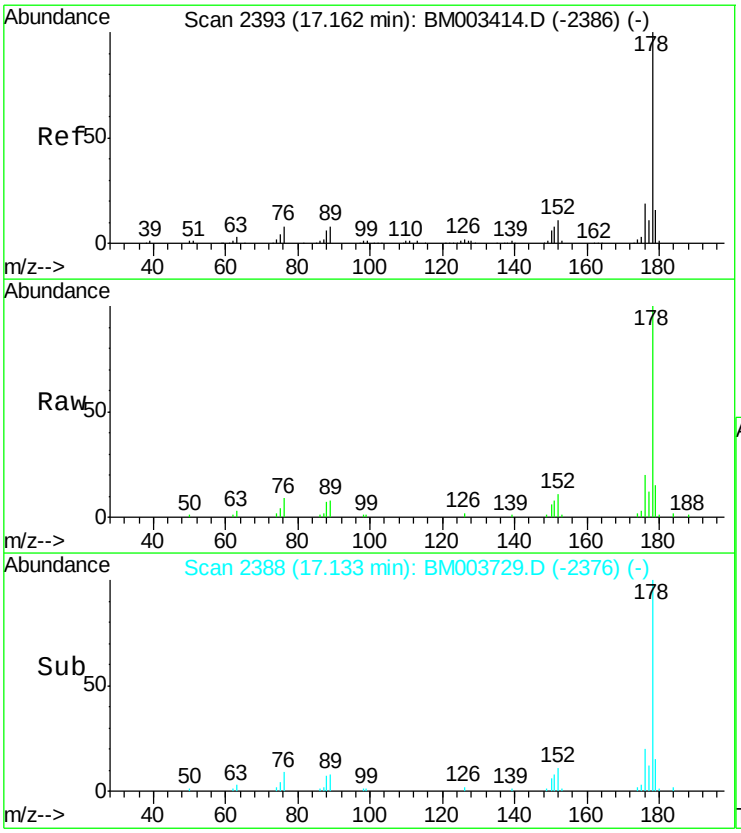
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion:188 Resp: 152842

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	10.4	9.3	13.9

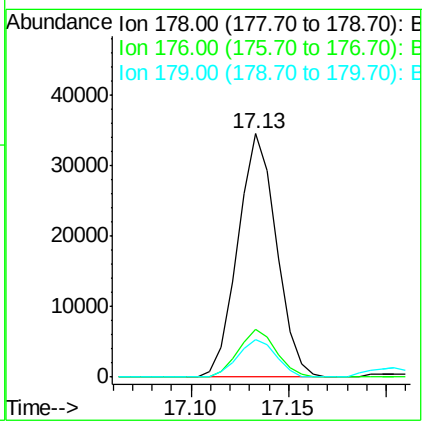


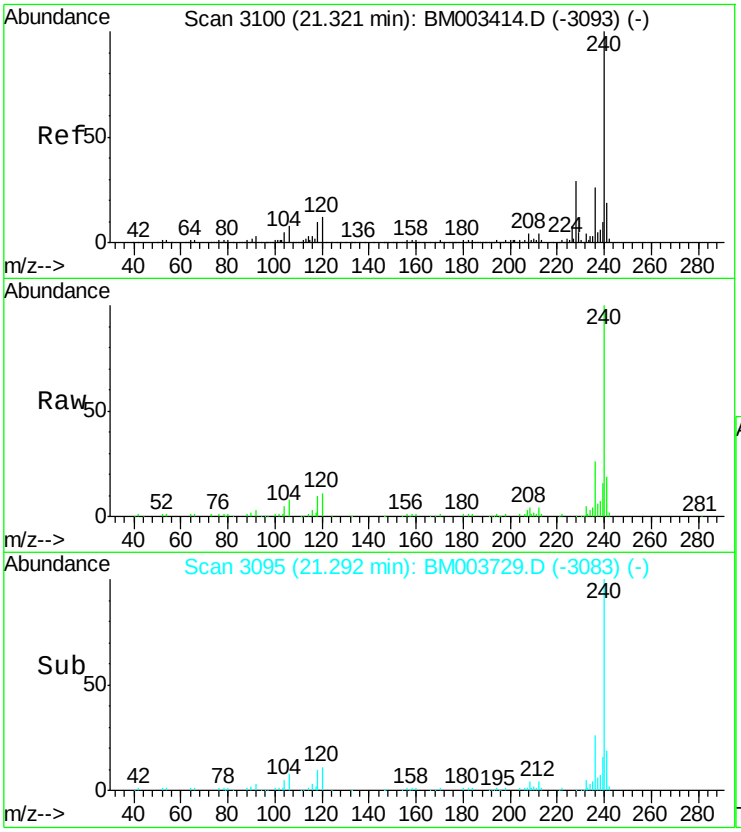


#70
Phenanthrene
Concen: 5.51 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:178 Resp: 47234

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.4	12.1	18.1



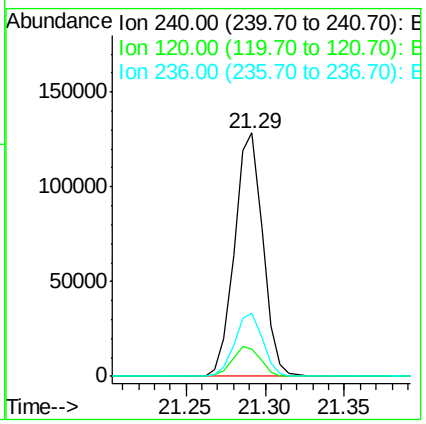


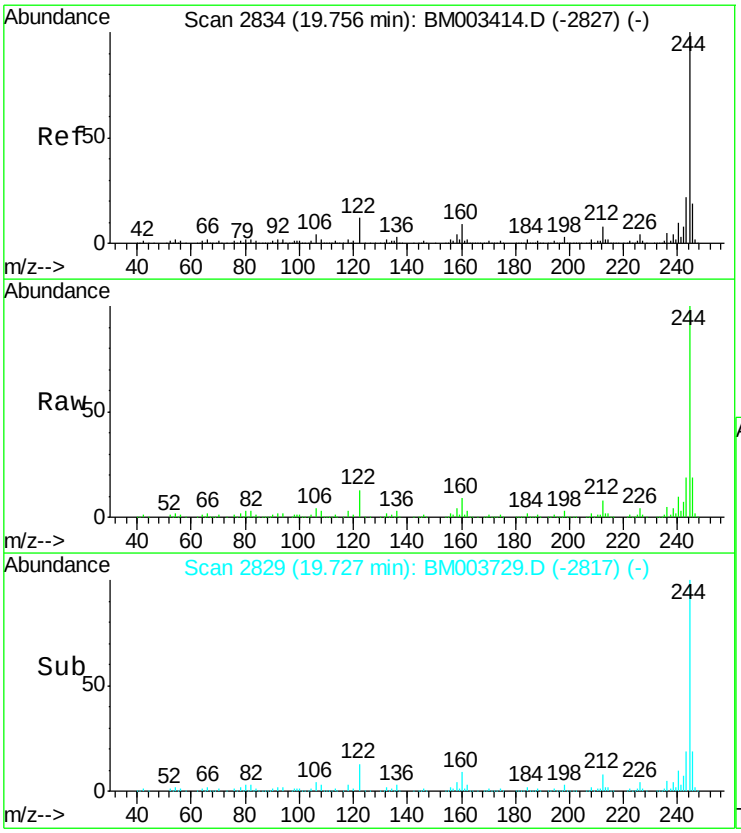
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion:240 Resp: 158873

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	26.1	20.0	30.0

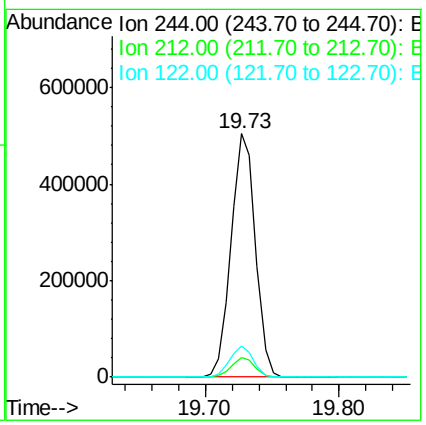


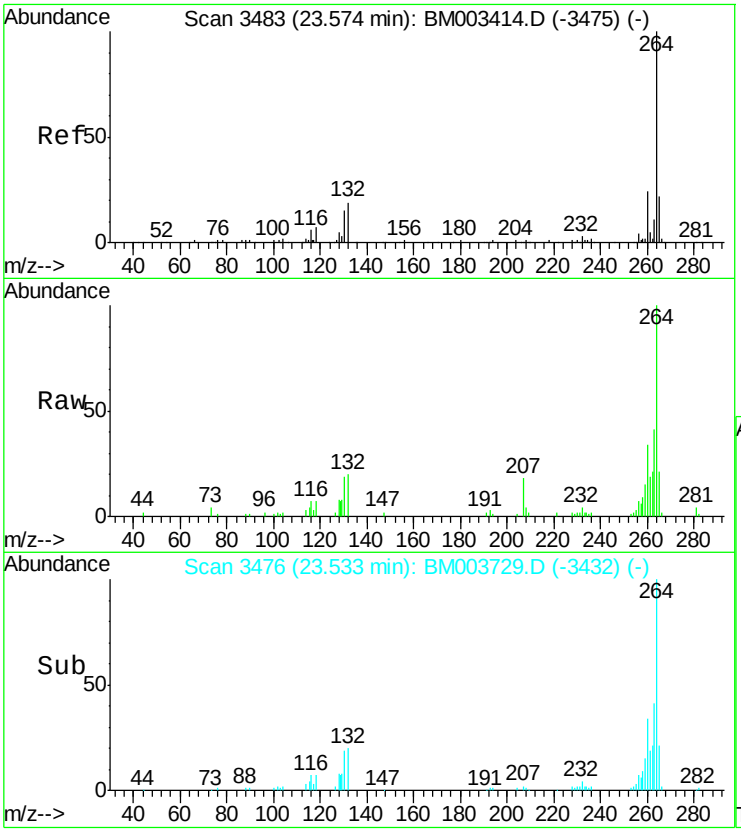


#78
Terphenyl-d14
Concen: 95.18 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:244 Resp: 641201

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	12.8	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: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tgt Ion:264 Resp: 63827

Ion	Ratio	Lower	Upper
264	100		
260	33.8	18.6	27.8#
265	21.1	17.3	25.9