Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015284.D
Acq On : 23 May 2018 20:10
Operator : SJ/JU
Sample : PB109579BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 24 02:15:32 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	269970	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	1030480	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	557022	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	1160915	20.00	ng	0.00
75) Chrysene-d12	21.83	240	847214	20.00	ng	0.00
86) Perylene-d12	24.27	264	735074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	1509768	91.50	ng	0.00
7) Phenol-d6	7.55	99	1951491	90.82	ng	0.00
23) Nitrobenzene-d5	9.59	82	1880172	99.95	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	686926	98.34	ng	0.00
44) 2-Fluorobiphenyl	13.64	172	4174086	93.15	ng	0.00
78) Terphenyl-d14	20.29	244	4736838	123.46	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.98	42	226	0.024	ng	# 1
9) Benzaldehyde	7.55	77	3747	0.276	ng	# 2
10) Phenol	7.54	94	108	0.005	ng	# 1
24) Nitrobenzene	9.59	77	7065	0.361	ng	# 40
45) 1,1'-Biphenyl	13.86	154	5280	0.108	ng	99
51) Acenaphthene	15.02	154	1932	0.056	ng	# 5
70) Phenanthrene	17.77	178	153	0.002	ng	# 60
73) Di-n-butylphthalate	18.65	149	1491	0.022	ng	# 78
77) Pyrene	20.11	202	114	0.002	ng	# 57
79) Butylbenzylphthalate	20.95	149	1091	0.050	ng	# 77
80) Benzo(a)anthracene	21.83	228	2676	0.050	ng	# 66
81) 3,3'-Dichlorobenzidine	21.73	252	378	0.019	ng	# 26
82) Chrysene	21.87	228	445	0.009	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.70	149	1923	0.061	ng	# 52
84) Di-n-octyl phthalate	22.63	149	585	0.011	ng	# 1
87) Benzo(b)fluoranthene	23.51	252	116	0.002	ng	# 1
88) Benzo(k)fluoranthene	23.54	252	259	0.006	ng	# 1
89) Benzo(a)pyrene	24.15	252	233	0.005	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015284.D
Acq On : 23 May 2018 20:10
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 24 02:15:32 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
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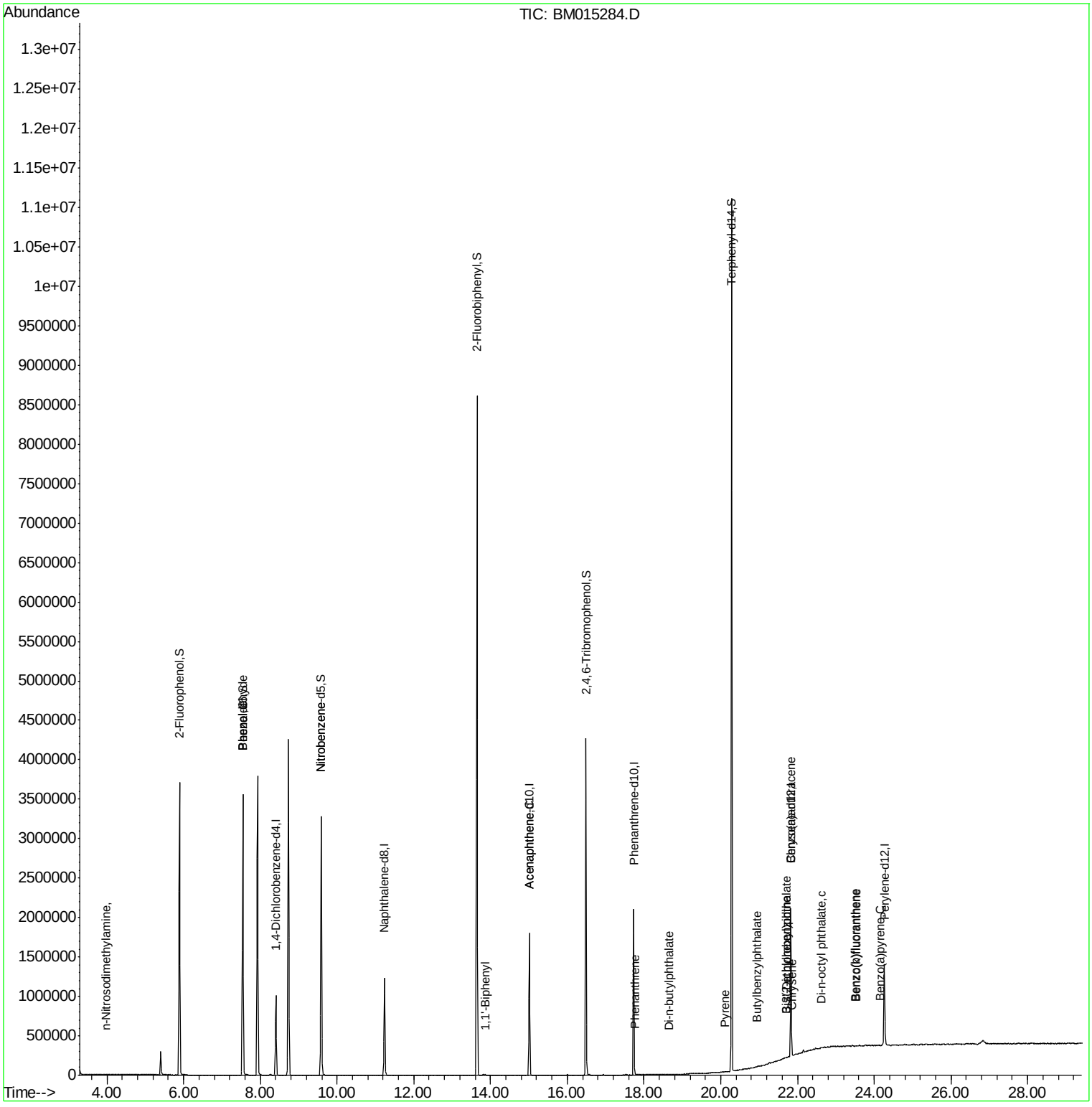
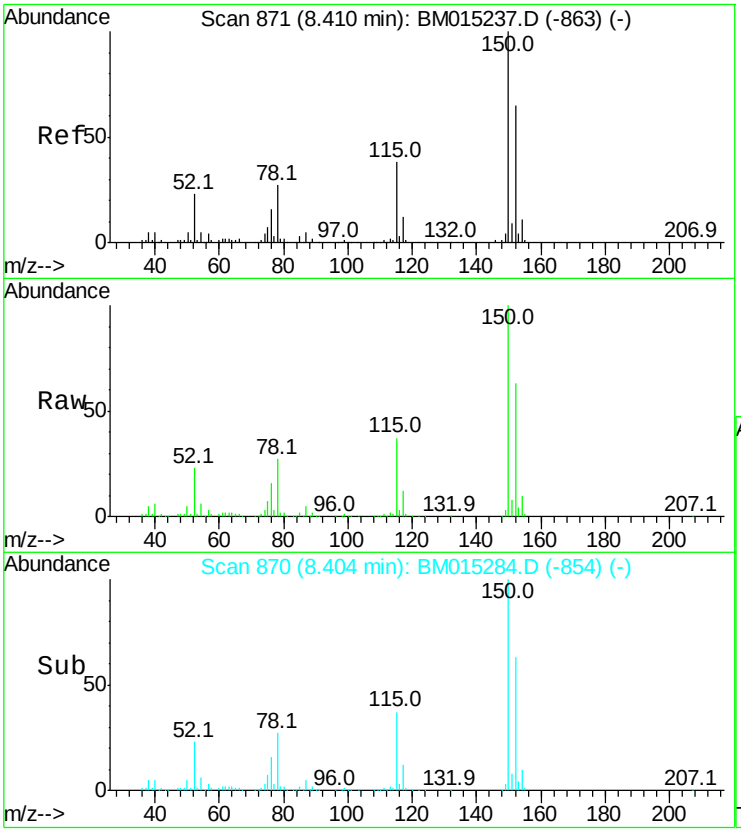
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration



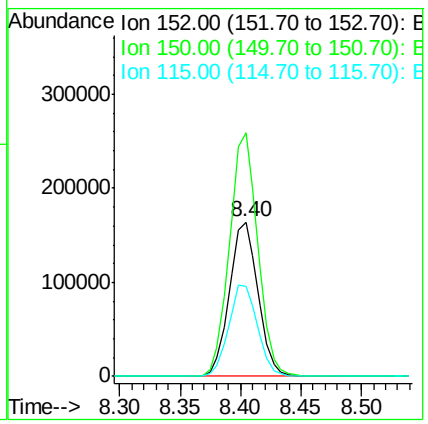


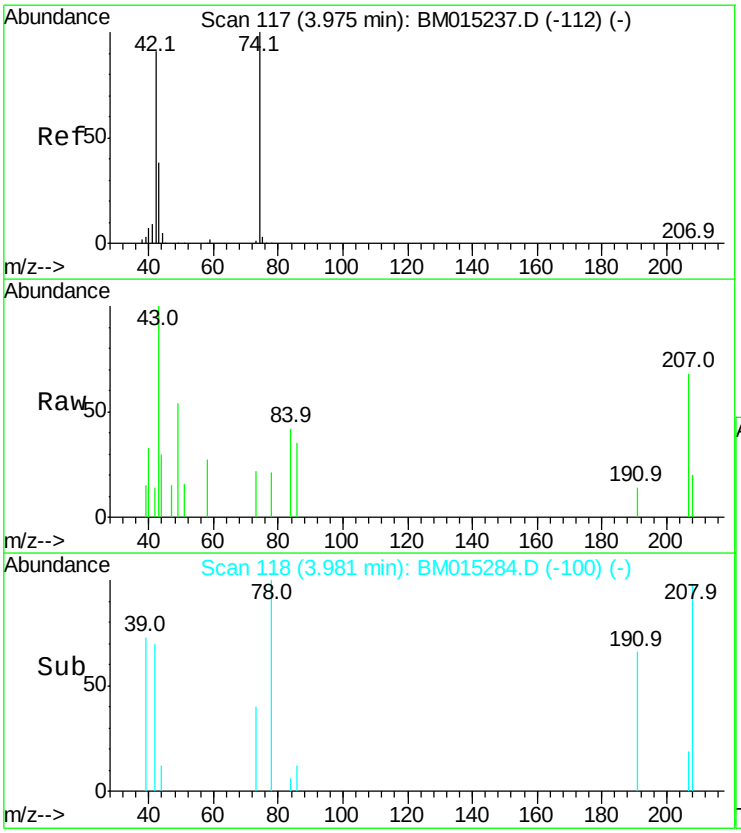
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 269970

Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	58.6	43.0	64.4

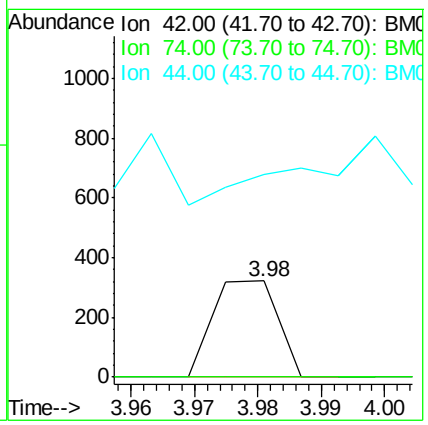


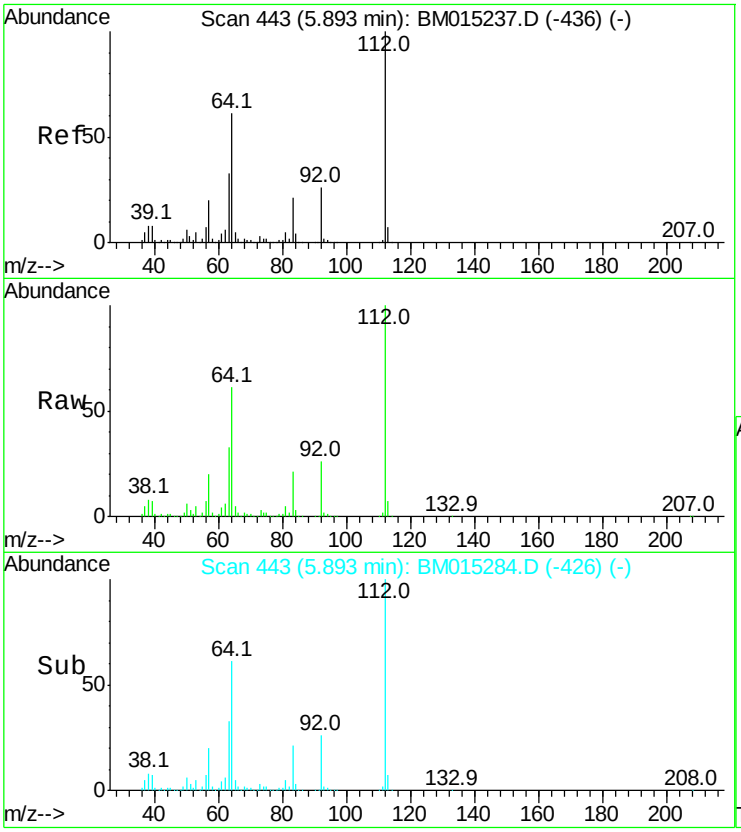


#4
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.98 min Scan# 118
Delta R.T. 0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion: 42 Resp: 226

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	211.2	5.4	8.2#



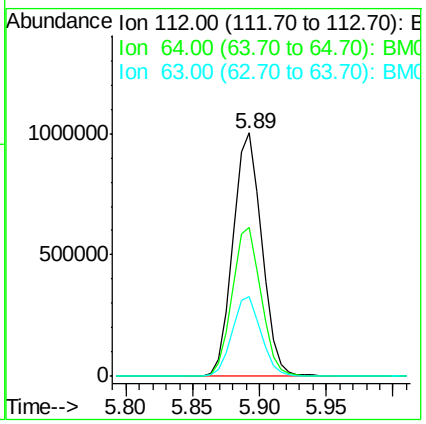


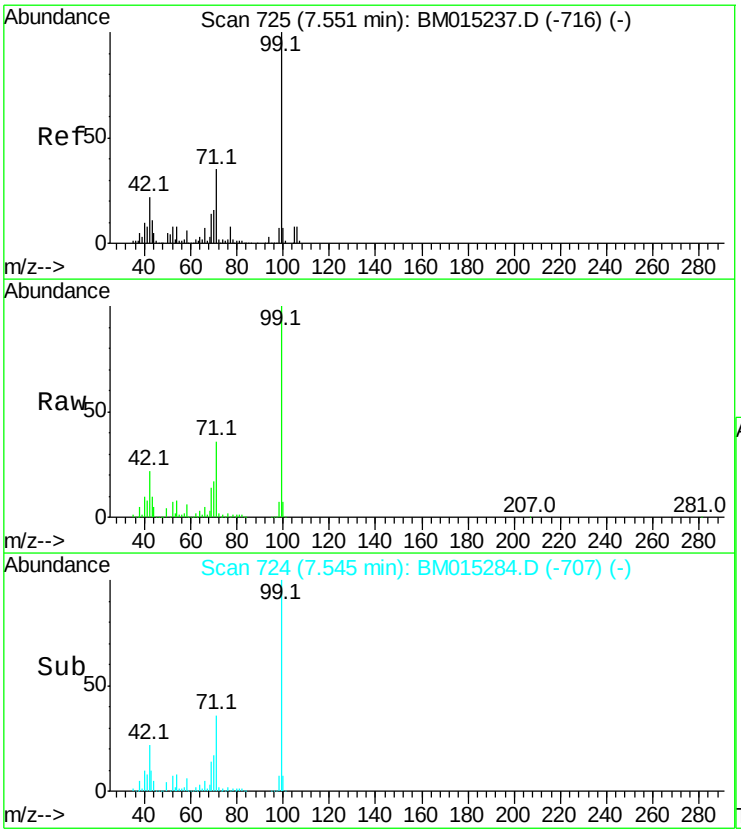
#5
2-Fluorophenol
Concen: 91.495 ng
RT: 5.89 min Scan# 443
Delta R.T. 0.00 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 1509768

Ion	Ratio	Lower	Upper
112	100		
64	61.3	38.6	57.8#
63	33.0	19.3	28.9#

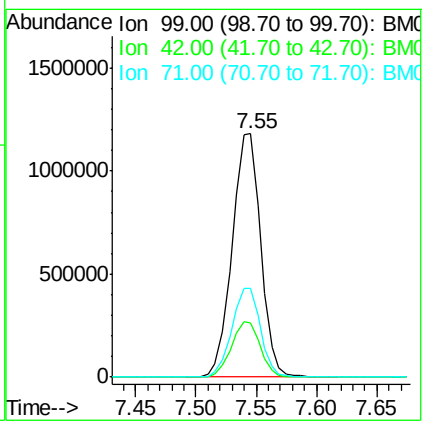


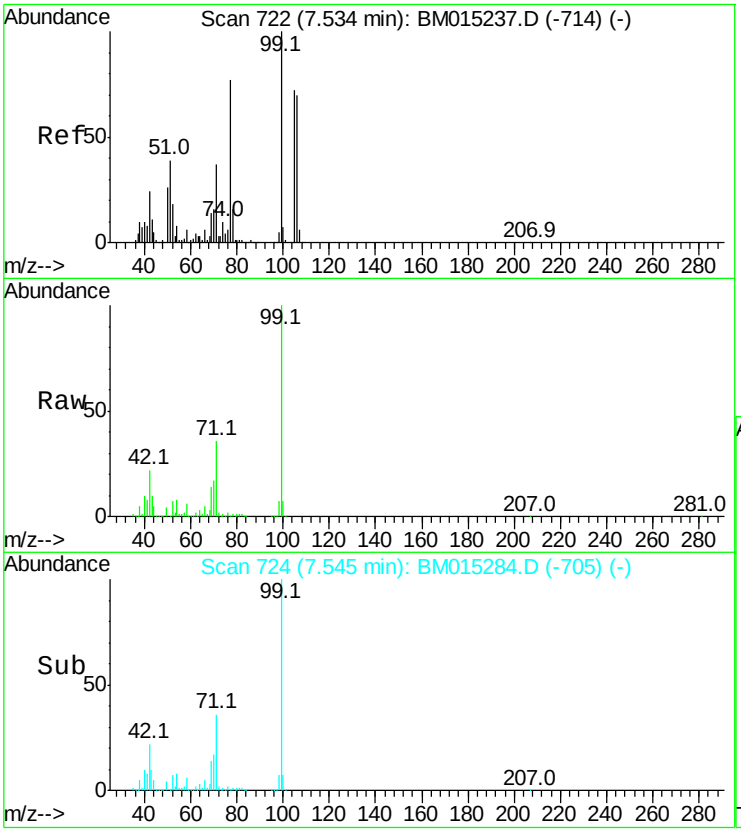


#7
Phenol-d6
Concen: 90.819 ng
RT: 7.55 min Scan# 724
Delta R.T. -0.00 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion: 99 Resp: 1951491

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	36.2	23.4	35.2#



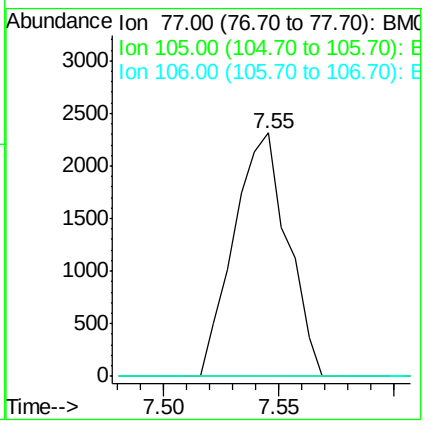


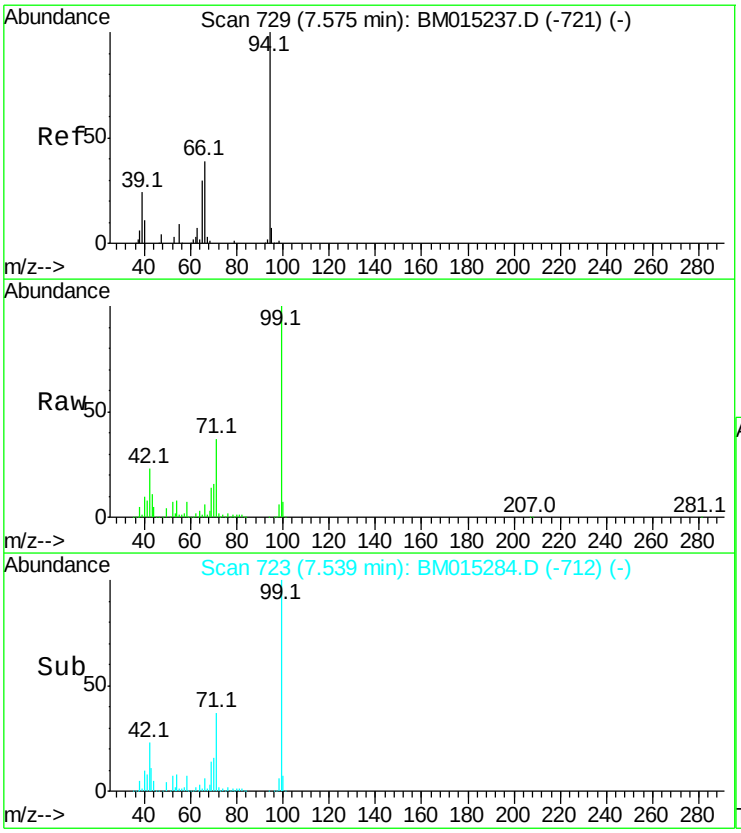
#9
Benzaldehyde
Concen: 0.276 ng
RT: 7.55 min Scan# 724
Delta R.T. 0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 3747

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#

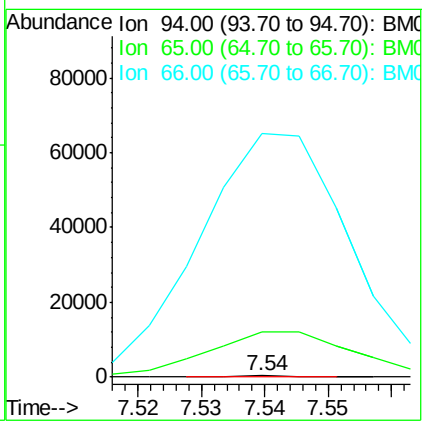


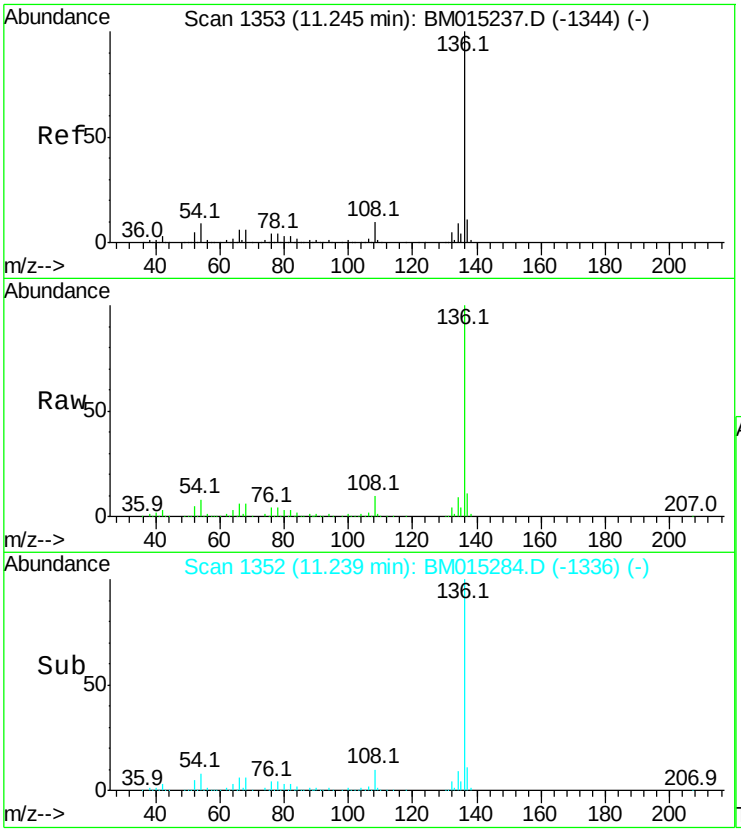


#10
Phenol
Concen: 0.005 ng
RT: 7.54 min Scan# 723
Delta R.T. -0.04 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion: 94 Resp: 108

Ion	Ratio	Lower	Upper
94	100		
65	3954.7	18.8	58.8#
66	21206.5	39.9	79.9#



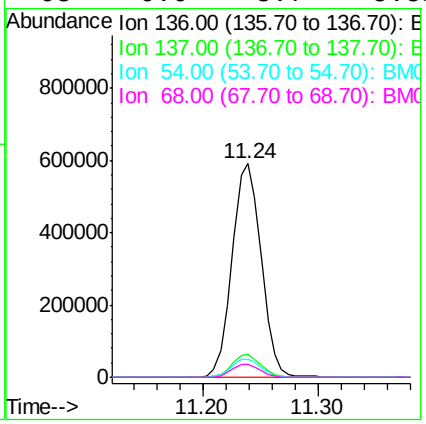


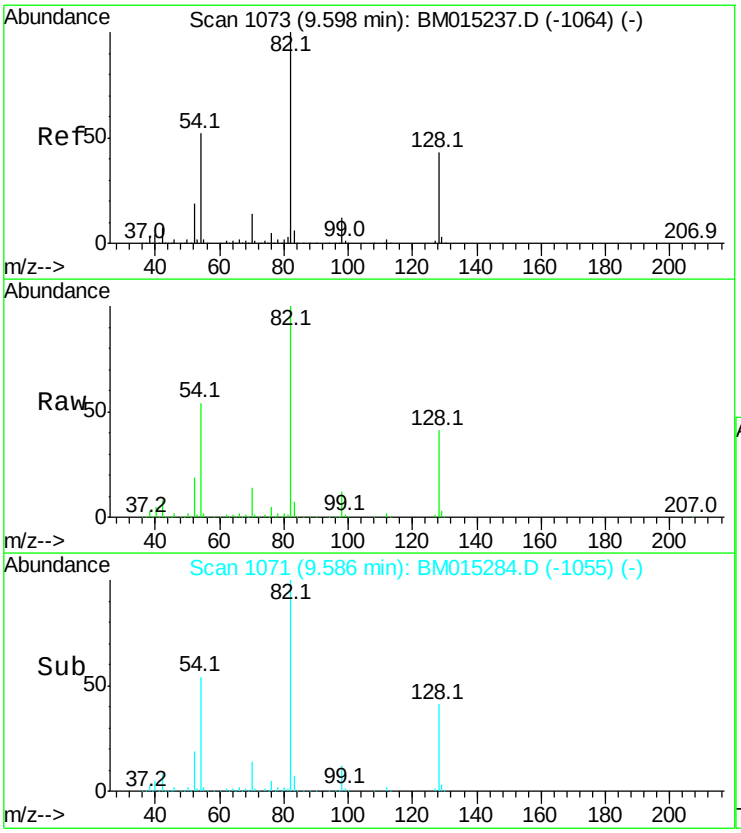
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 1030480

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.4	4.6	6.8#
68	6.0	3.7	5.5#

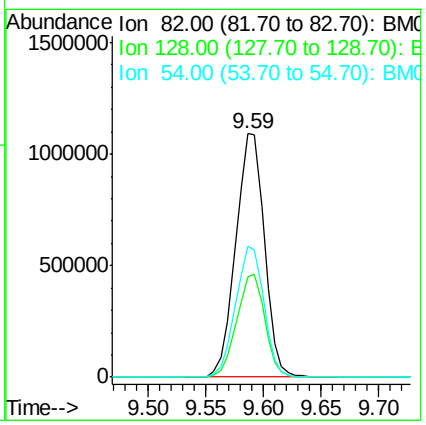


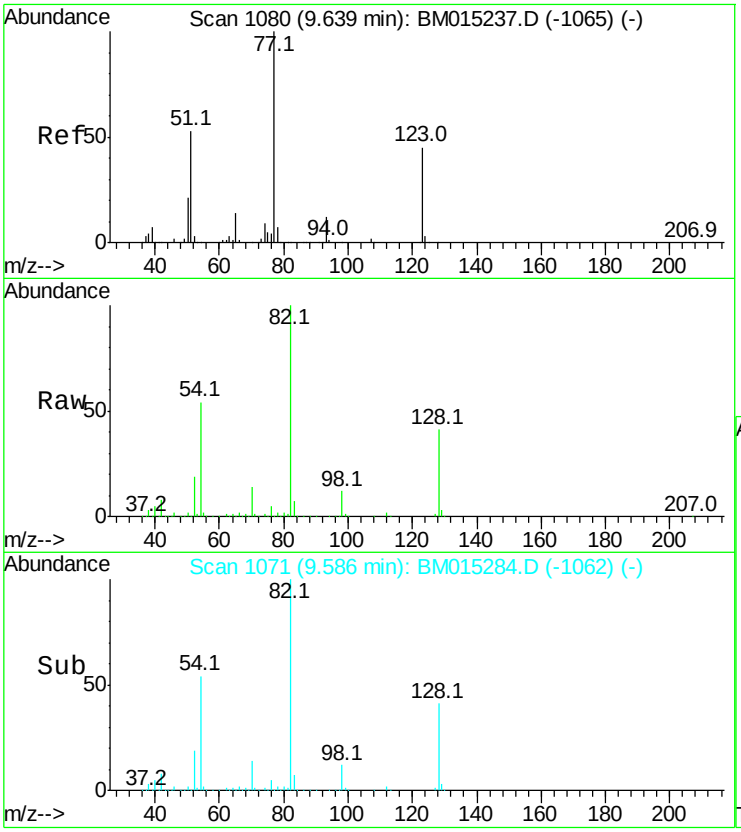


#23
Nitrobenzene-d5
Concen: 99.950 ng
RT: 9.59 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion: 82 Resp: 1880172

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.8	49.2
54	54.0	40.6	60.8



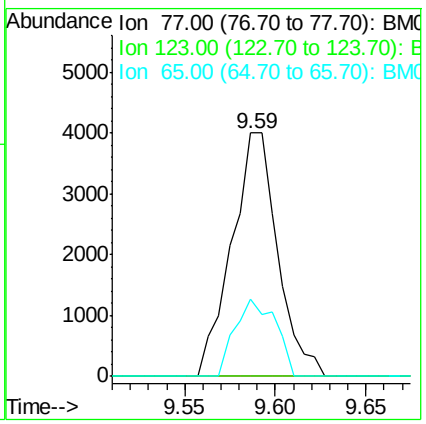


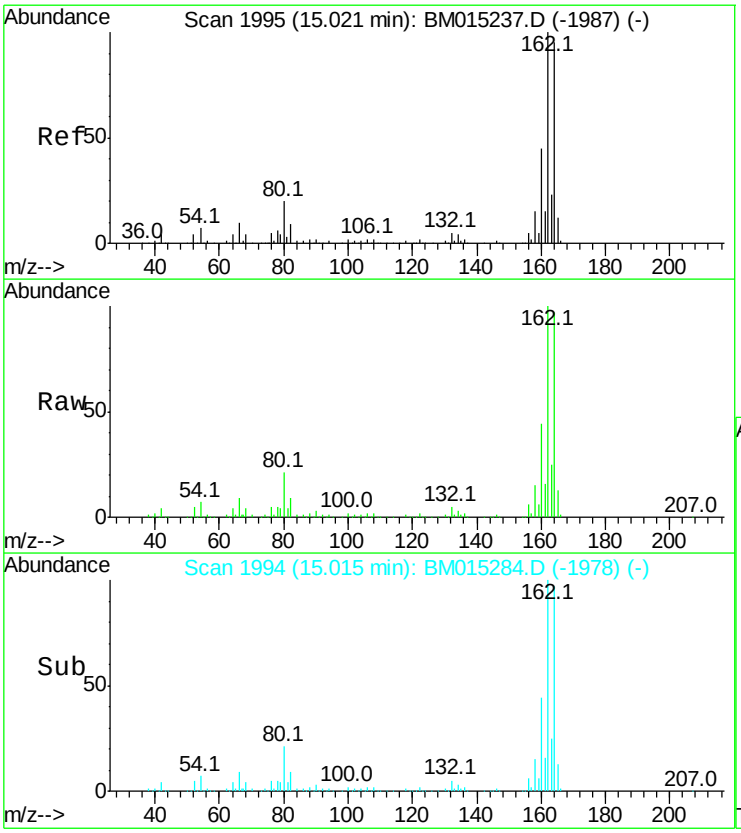
#24
Nitrobenzene
Concen: 0.361 ng
RT: 9.59 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 7065

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	31.9	10.9	16.3#

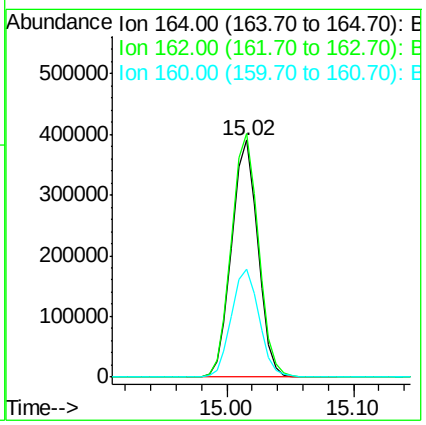


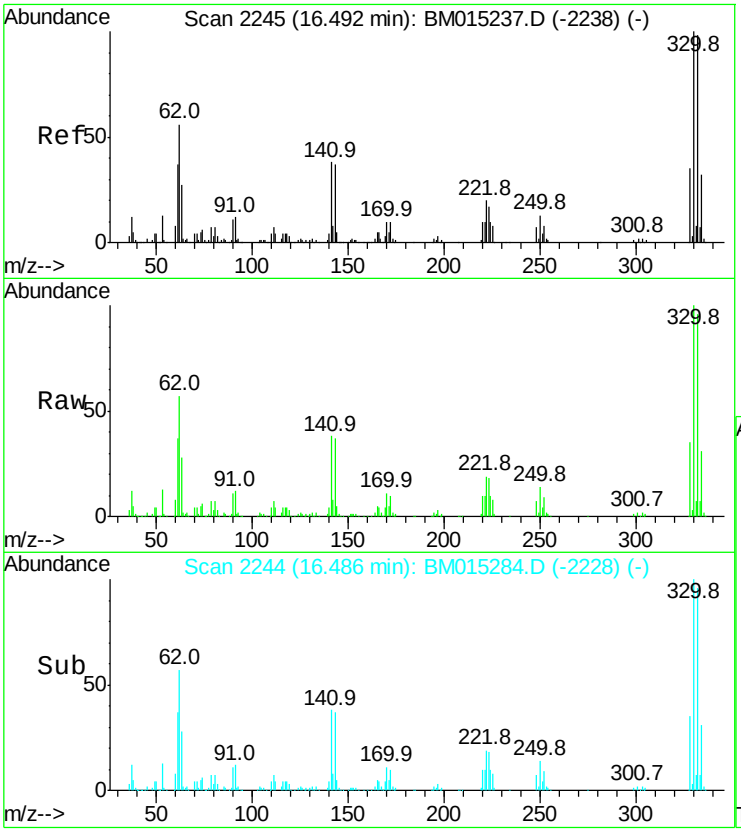


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:164 Resp: 557022

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	45.6	35.8	53.6



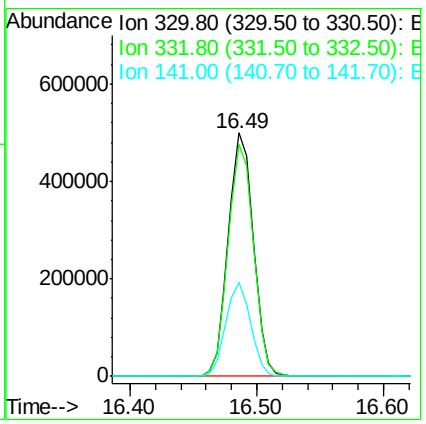


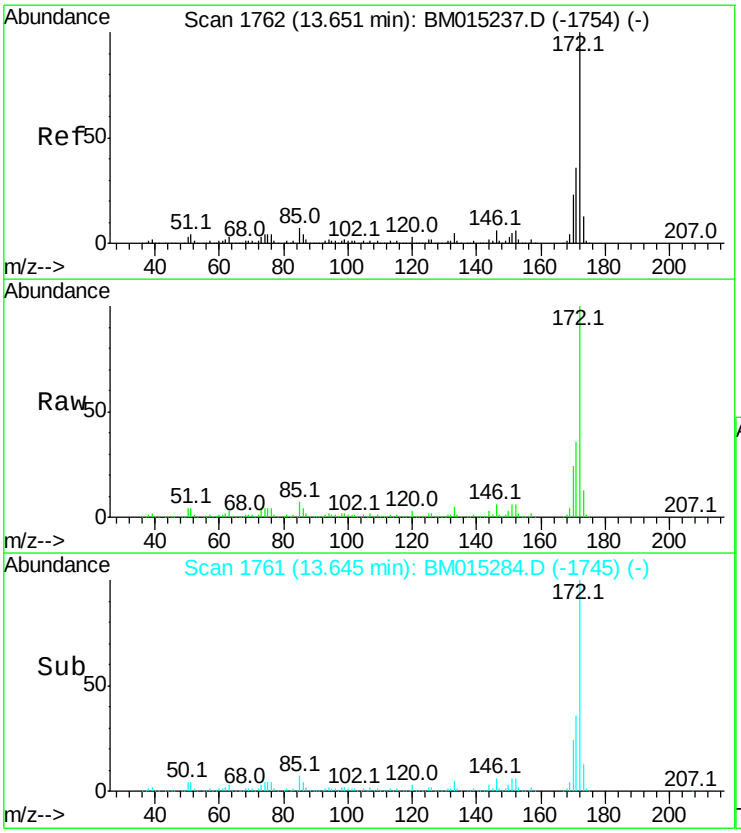
#41
2,4,6-Tribromophenol
Concen: 98.345 ng
RT: 16.49 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 686926

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.2	0.0	0.0#

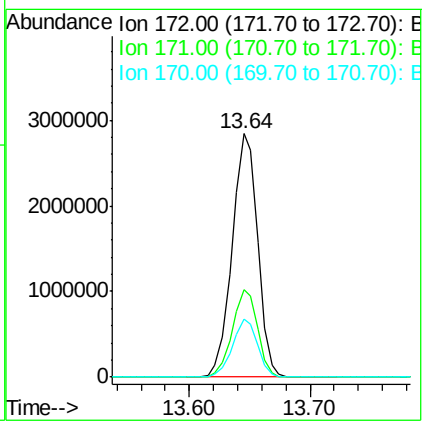


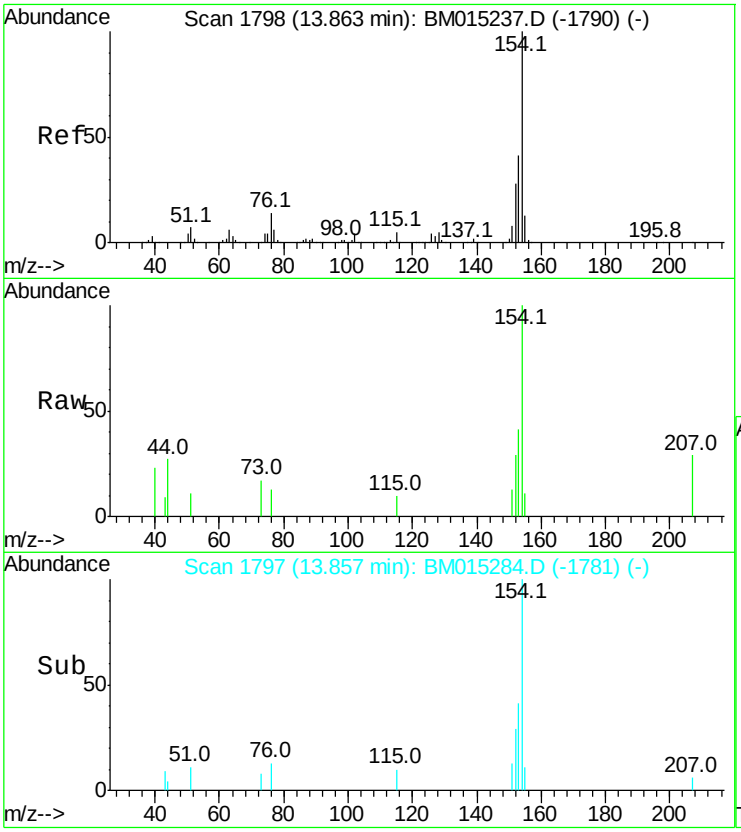


#44
2-Fluorobiphenyl
Concen: 93.155 ng
RT: 13.64 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:172 Resp: 4174086

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.7	18.8	28.2



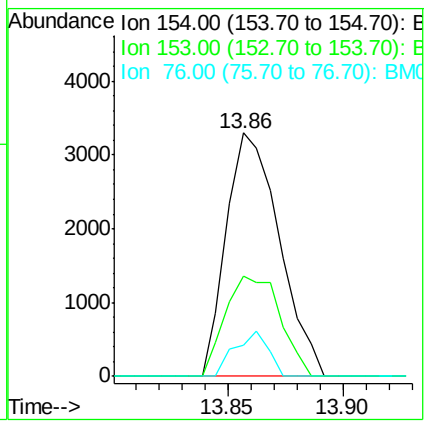


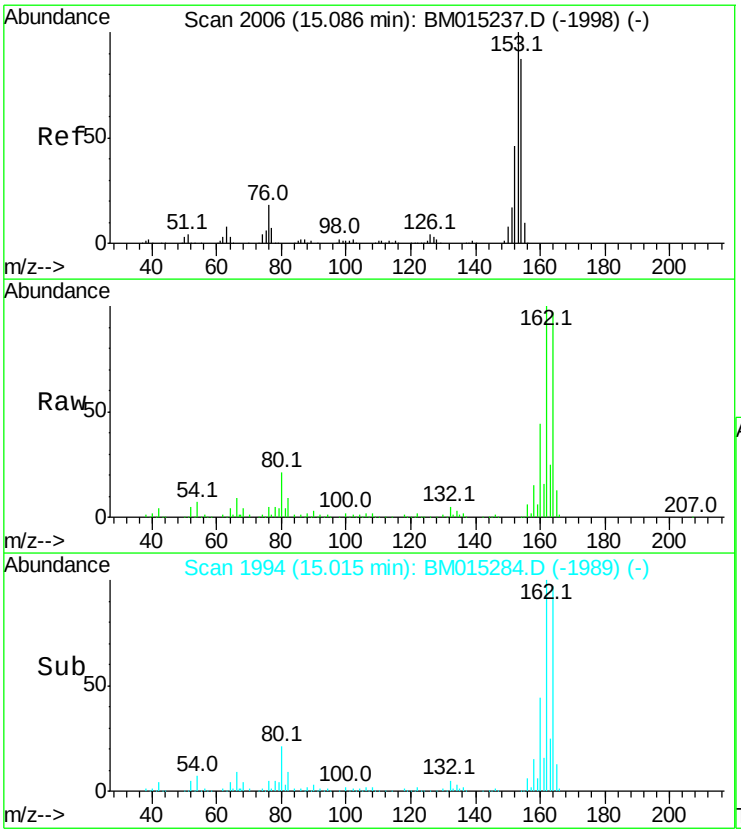
#45
1,1'-Biphenyl
Concen: 0.108 ng
RT: 13.86 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 5280

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	12.5	0.0	30.9

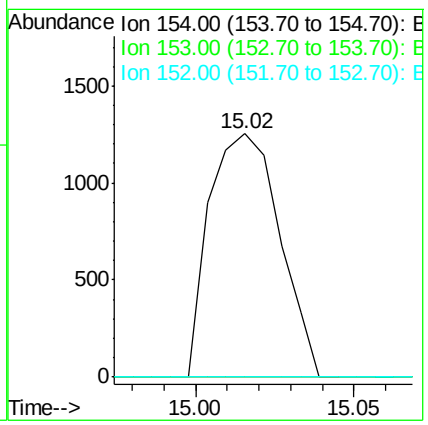


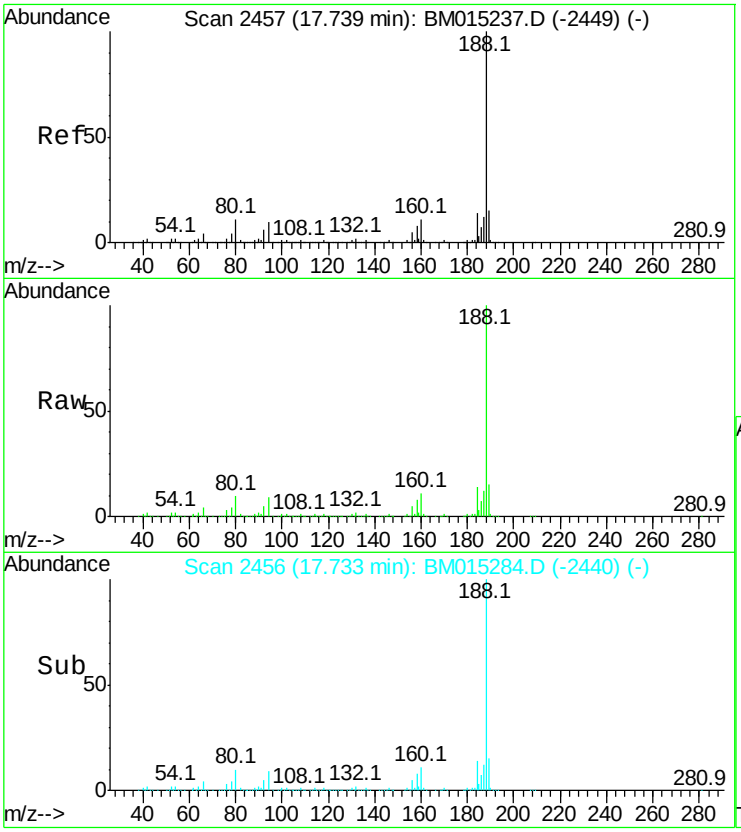


#51
Acenaphthene
Concen: 0.056 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.07 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:154 Resp: 1932

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	42.6	63.8#



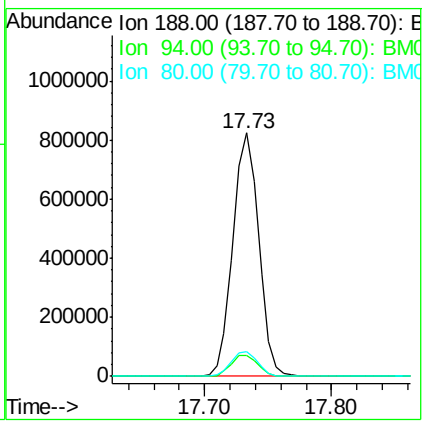


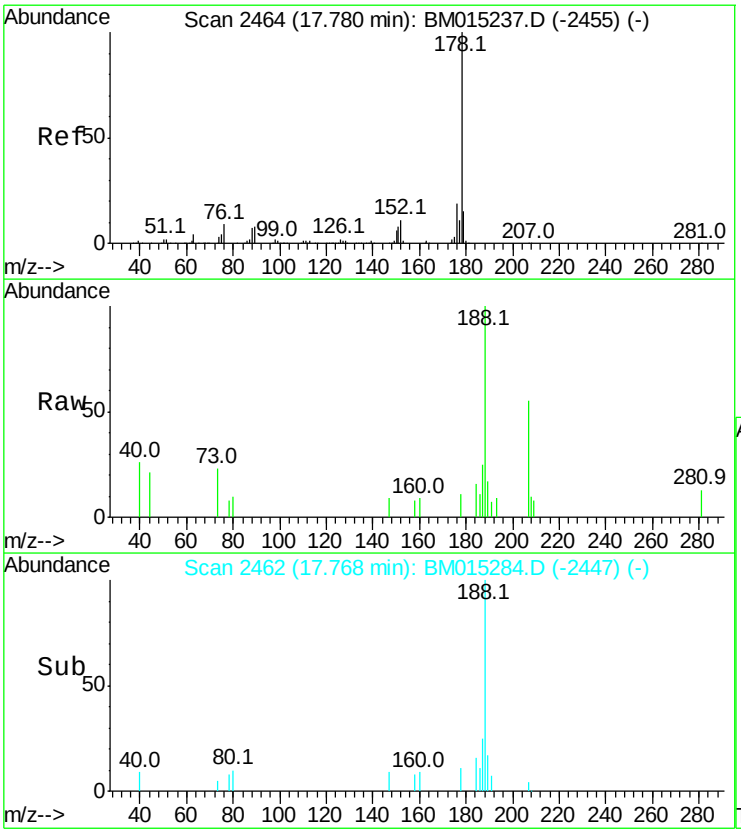
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1160915

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.7	13.1
80	10.3	9.3	13.9

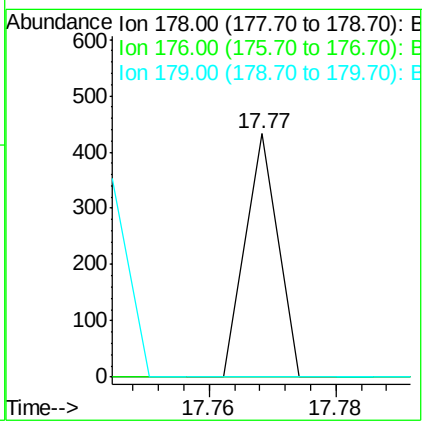


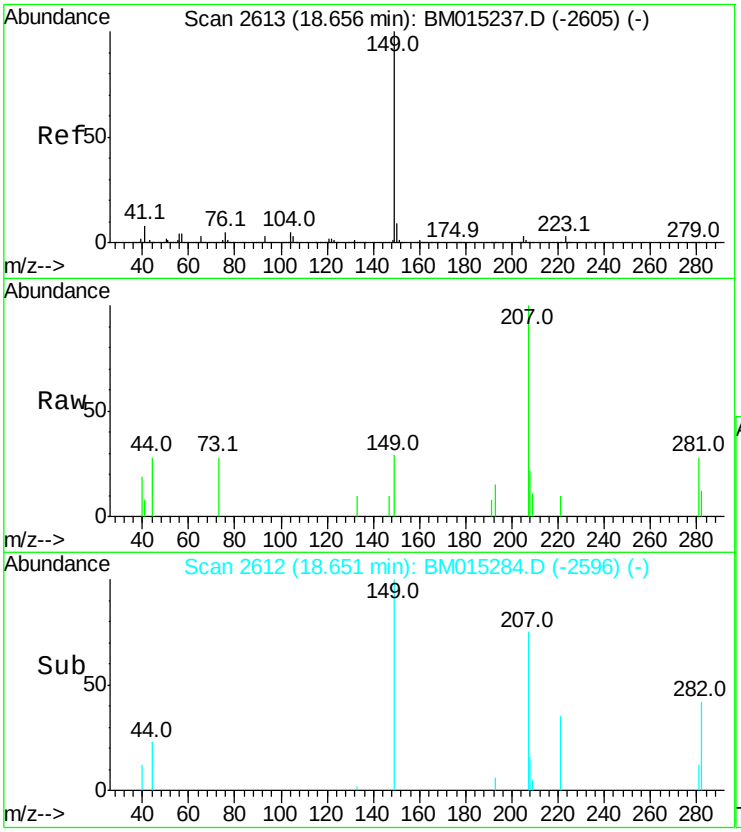


#70
Phenanthrene
Concen: 0.002 ng
RT: 17.77 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:178 Resp: 153

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.1	18.1#



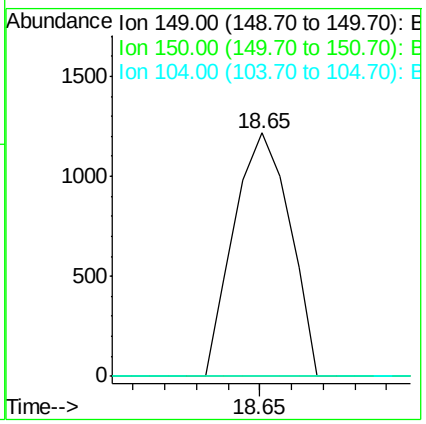


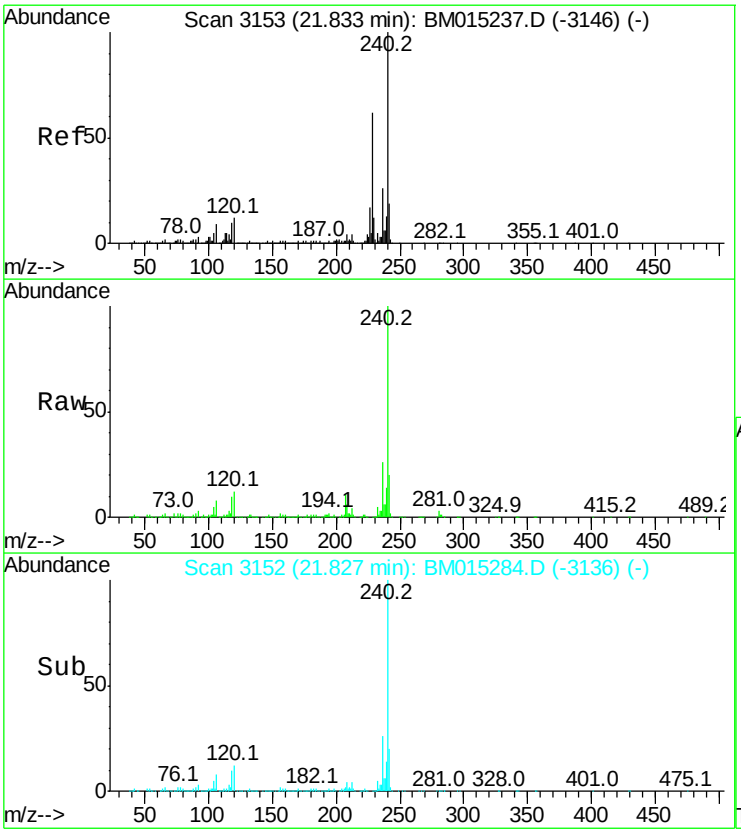
#73
Di-n-butylphthalate
Concen: 0.022 ng
RT: 18.65 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1491

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	3.7	5.5#

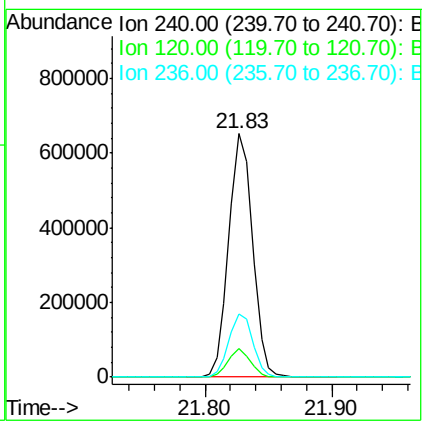


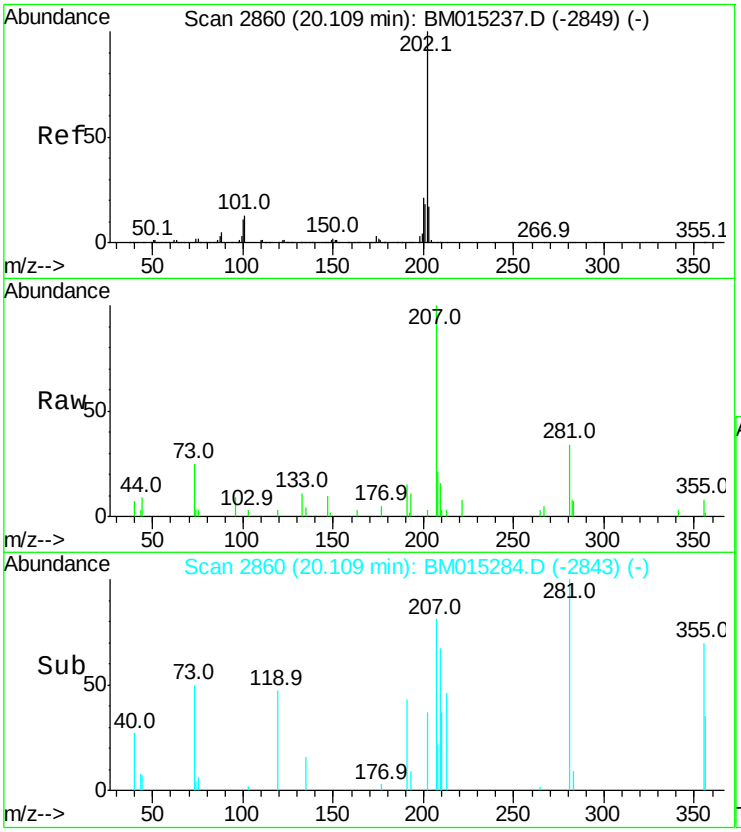


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:240 Resp: 847214

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.2	12.2
236	26.1	20.0	30.0



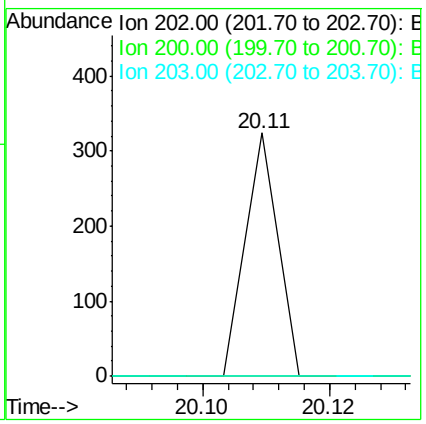


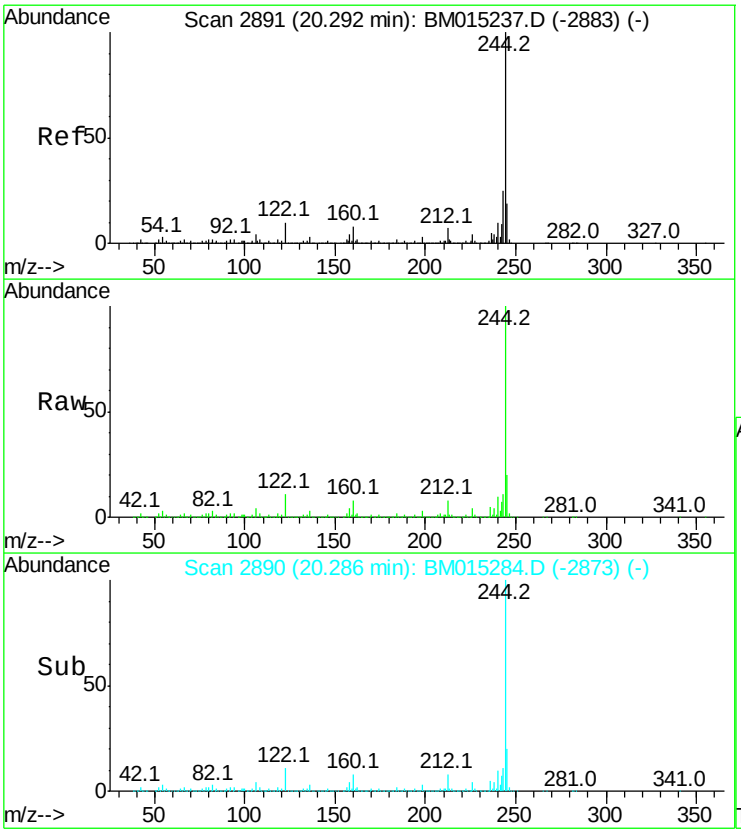
#77
Pyrene
Concen: 0.002 ng
RT: 20.11 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 114

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#

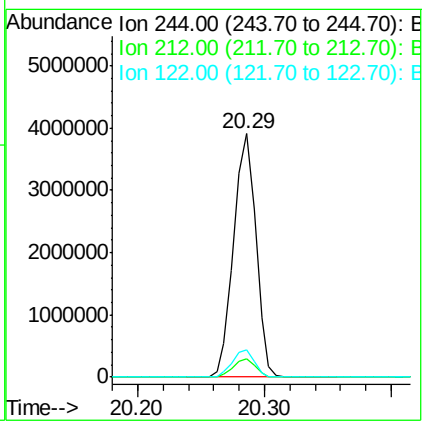


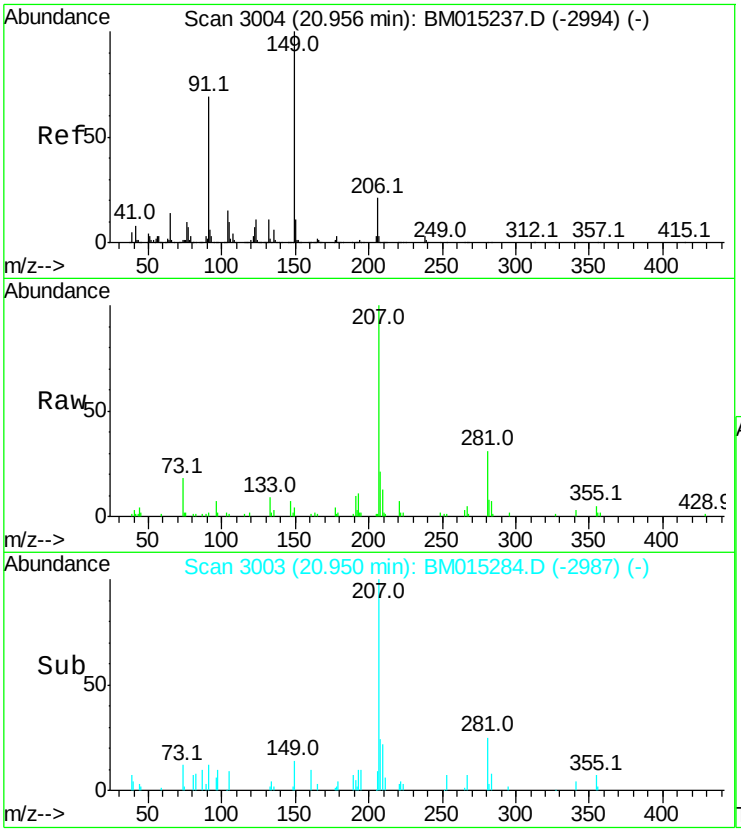


#78
Terphenyl-d14
Concen: 123.463 ng
RT: 20.29 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:244 Resp: 4736838

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	11.0	6.2	9.4#



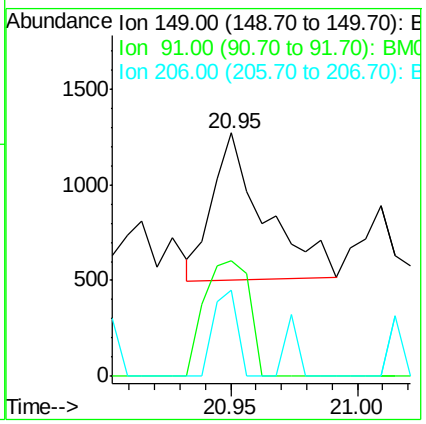


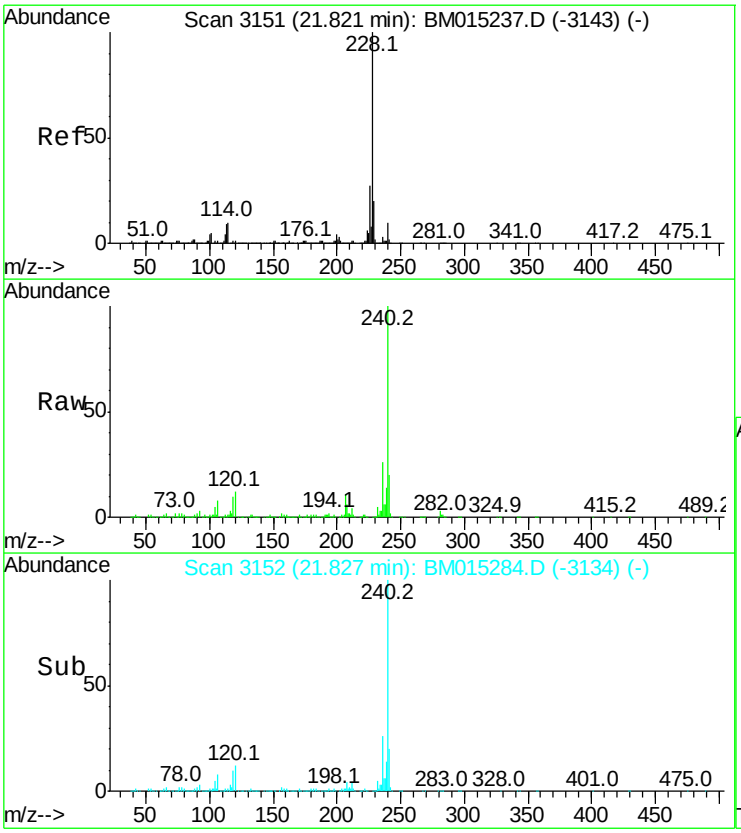
#79
Butylbenzylphthalate
Concen: 0.050 ng
RT: 20.95 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1091

Ion	Ratio	Lower	Upper
149	100		
91	47.5	50.1	75.1#
206	35.2	16.2	24.2#

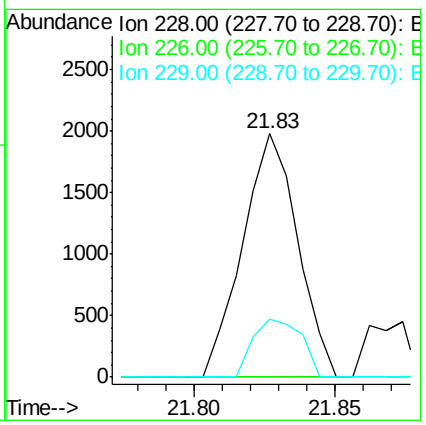


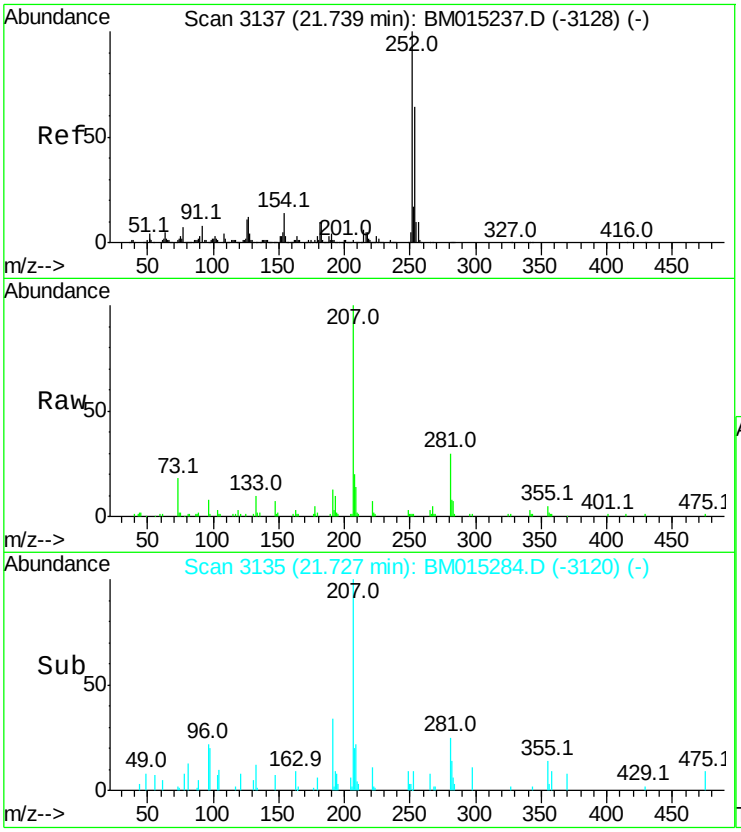


#80
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.83 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:228 Resp: 2676

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.7	32.5#
229	23.7	16.0	24.0



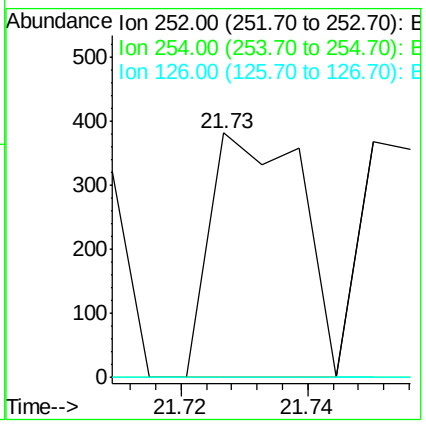


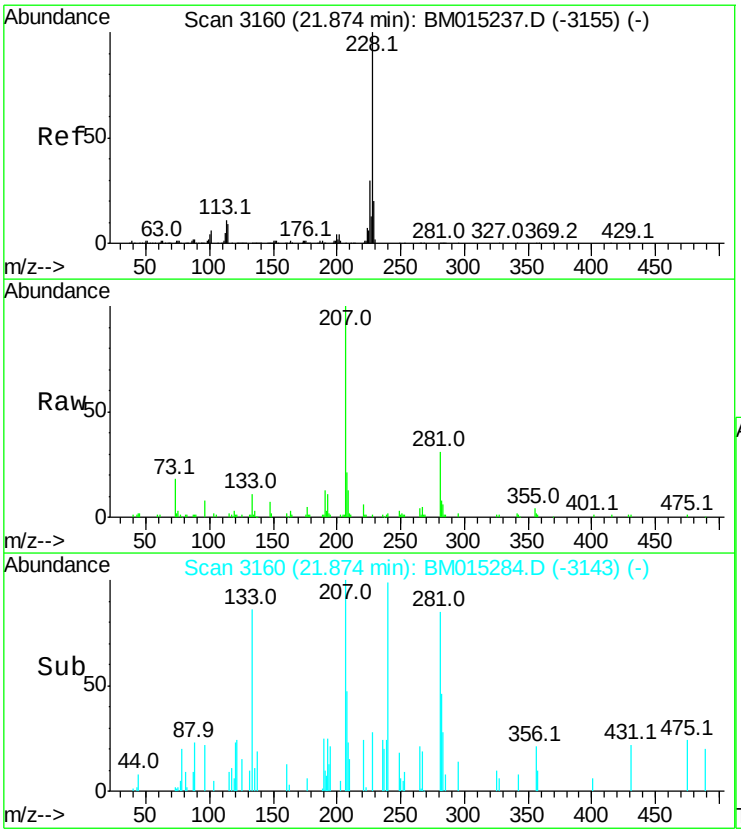
#81
3,3'-Dichlorobenzidine
Concen: 0.019 ng
RT: 21.73 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 378

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	0.0	9.8	14.8#

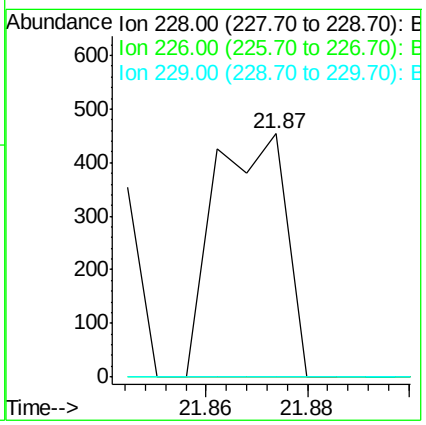


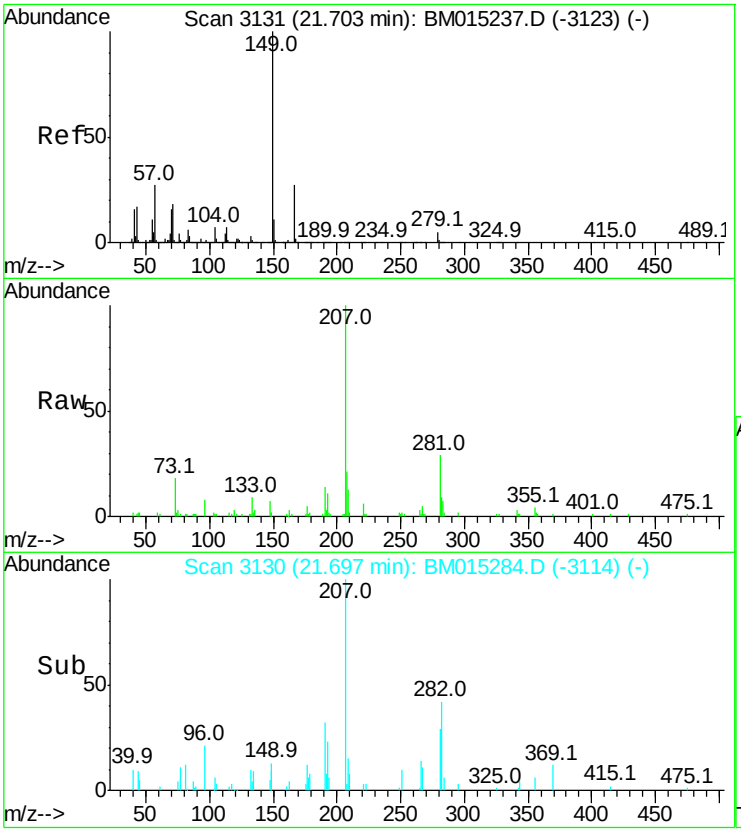


#82
Chrysene
Concen: 0.009 ng
RT: 21.87 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:228 Resp: 445

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	15.5	23.3#



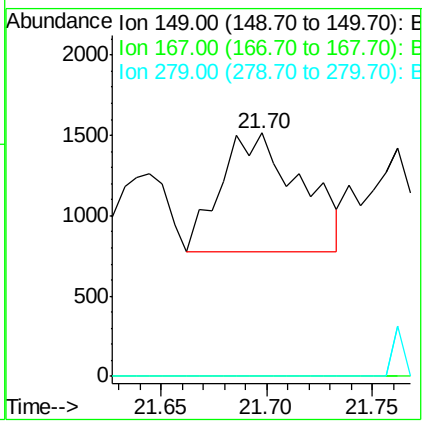


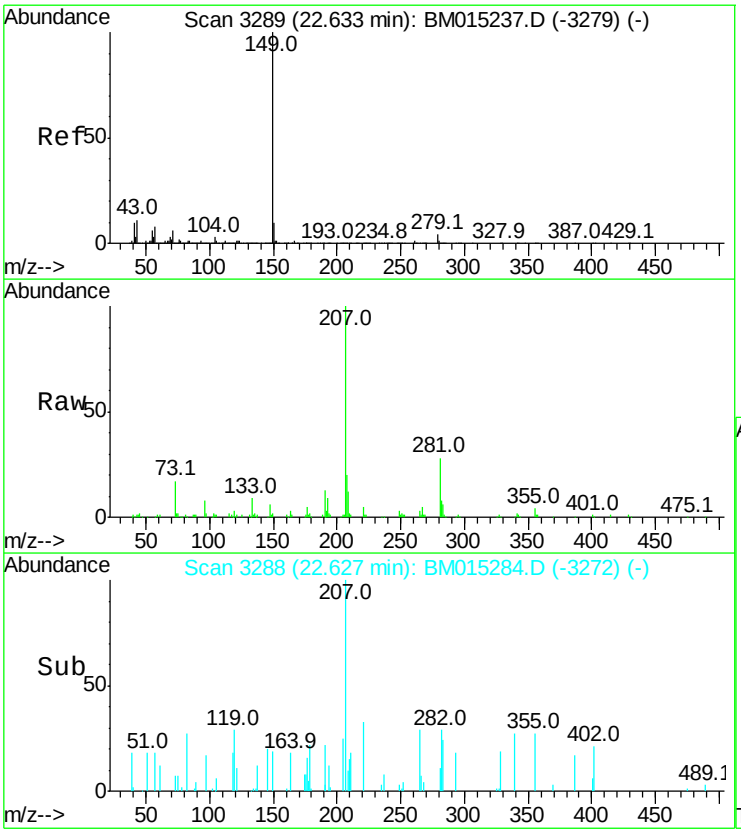
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.061 ng
RT: 21.70 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1923

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.4	33.6#
279	0.0	3.4	5.0#

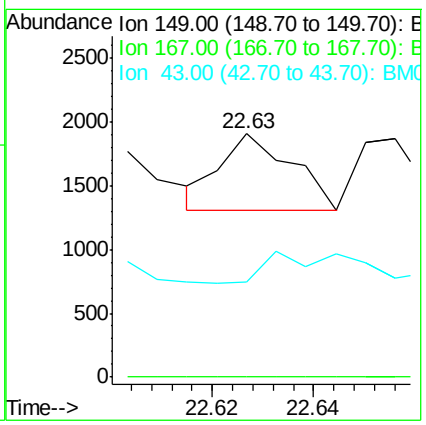


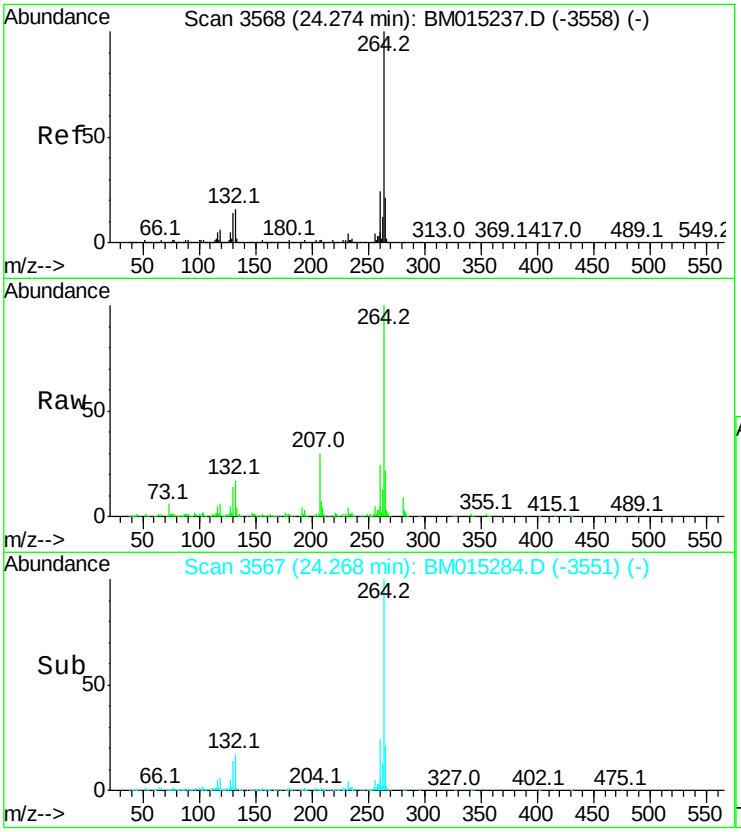


#84
Di-n-octyl phthalate
Concen: 0.011 ng
RT: 22.63 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:149 Resp: 585

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	62.6	7.3	10.9#



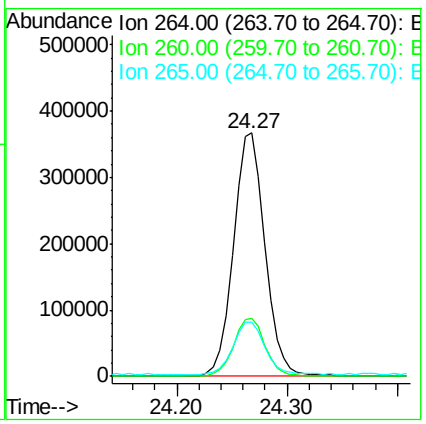


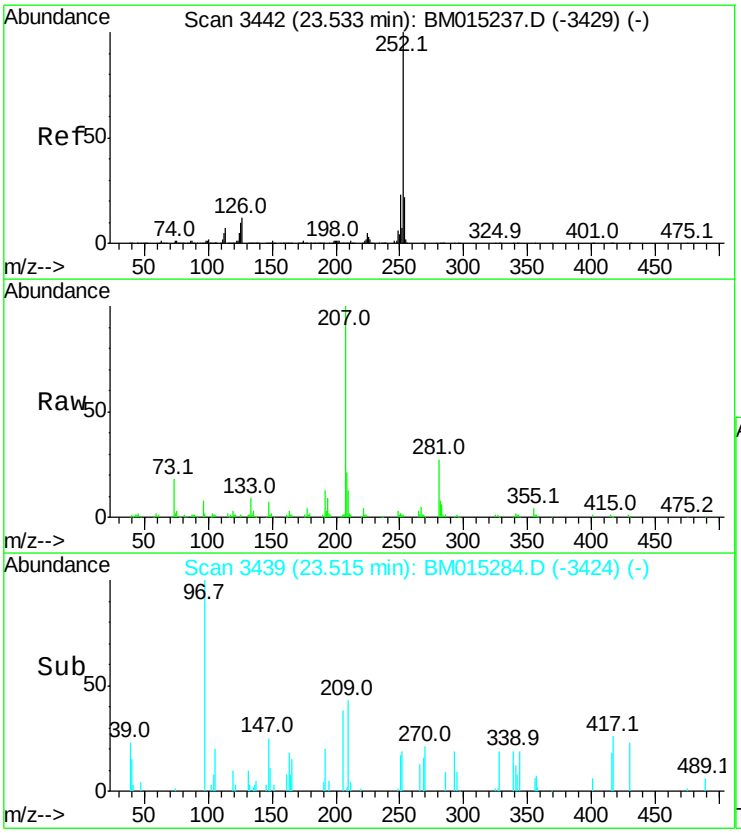
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 735074

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.2	17.3	25.9

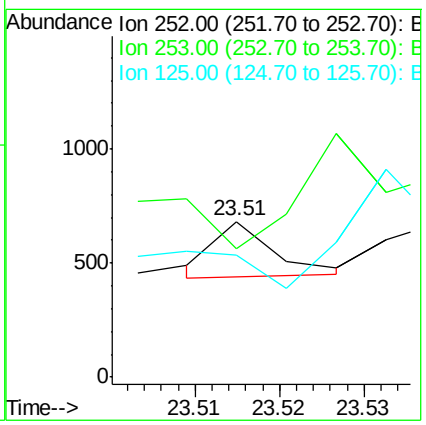


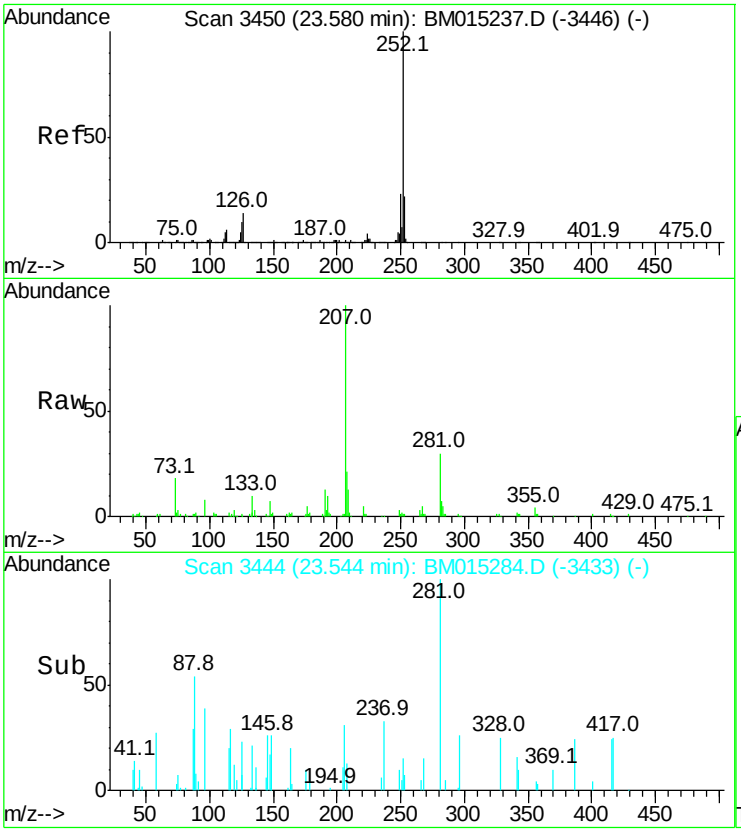


#87
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.51 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:252 Resp: 116

Ion	Ratio	Lower	Upper
252	100		
253	83.0	18.0	27.0#
125	78.6	9.9	14.9#



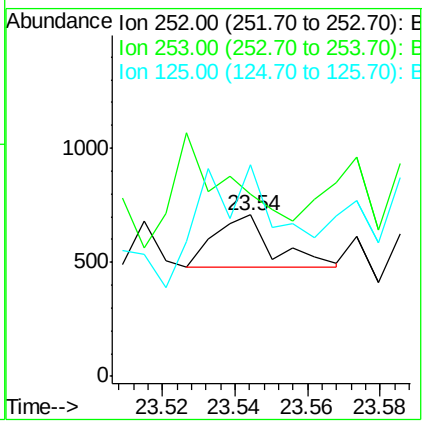


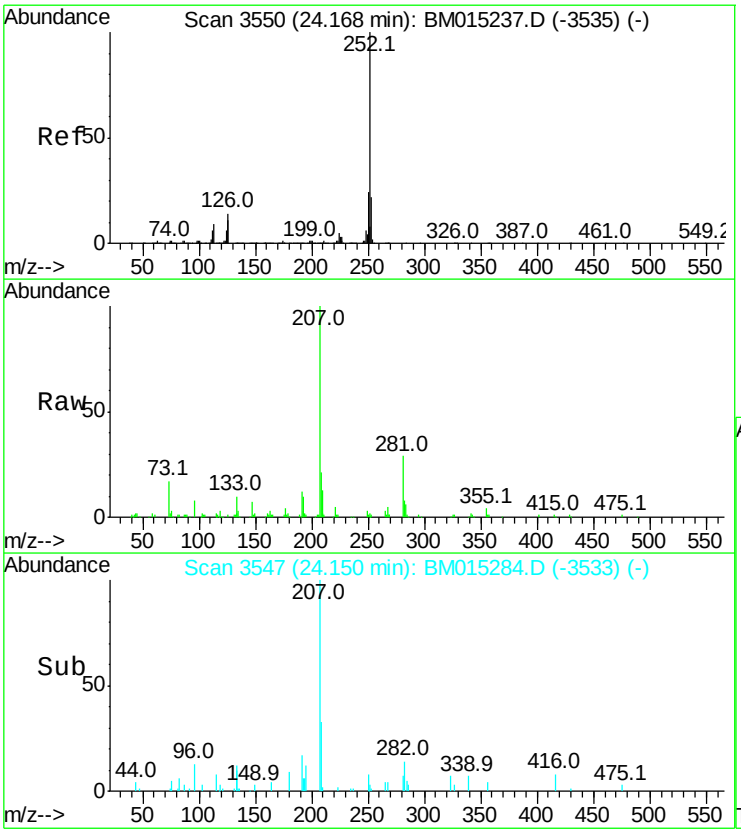
#88
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 23.54 min Scan# 3444
Delta R.T. -0.04 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 259

Ion	Ratio	Lower	Upper
252	100		
253	113.2	17.2	25.8#
125	131.3	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 0.005 ng
RT: 24.15 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BM015284.D
Acq: 23 May 2018 20:10

Tgt Ion:252 Resp: 233

Ion	Ratio	Lower	Upper
252	100		
253	159.8	17.6	26.4#
125	129.9	7.4	11.2#