Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081418\
Data File : BM016358.D
Acq On : 14 Aug 2018 17:13
Operator : SJ/JU
Sample : J442-01RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RB47197

Quant Time: Aug 15 11:30:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	33961	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	134055	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	76447	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	171428	20.00	ng		0.00
75) Chrysene-d12	21.62	240	156580	20.00	ng		0.00
86) Perylene-d12	23.95	264	164500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	247899	121.25	ng		0.00
7) Phenol-d6	7.29	99	309643	115.97	ng		0.00
23) Nitrobenzene-d5	9.30	82	230633	80.02	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	120179	123.95	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	397641	63.29	ng		0.00
78) Terphenyl-d14	20.07	244	583597	78.02	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.43	79	4826	2.270	ng	#	32
31) Naphthalene	10.98	128	22732	3.350	ng		96
49) Dimethylphthalate	14.20	163	41214	6.160	ng	#	99
70) Phenanthrene	17.53	178	69940	7.287	ng		95
71) Anthracene	17.63	178	21765	2.333	ng		98
74) Fluoranthene	19.53	202	135545	12.661	ng		97
77) Pyrene	19.89	202	126323	13.462	ng		98
80) Benzo(a)anthracene	21.60	228	68758	7.130	ng		94
82) Chrysene	21.60	228	68869	7.444	ng		97
83) Bis(2-ethylhexyl)phthalate	21.49	149	27289	3.950	ng		95
85) Indeno(1,2,3-cd)pyrene	26.33	276	44948	4.094	ng	#	93
87) Benzo(b)fluoranthene	23.24	252	85520	8.830	ng	#	97
88) Benzo(k)fluoranthene	23.24	252	83528	8.510	ng		98
89) Benzo(a)pyrene	23.85	252	68613	7.369	ng		95
91) Benzo(g,h,i)perylene	27.07	276	44284	4.854	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081418\
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Misc :
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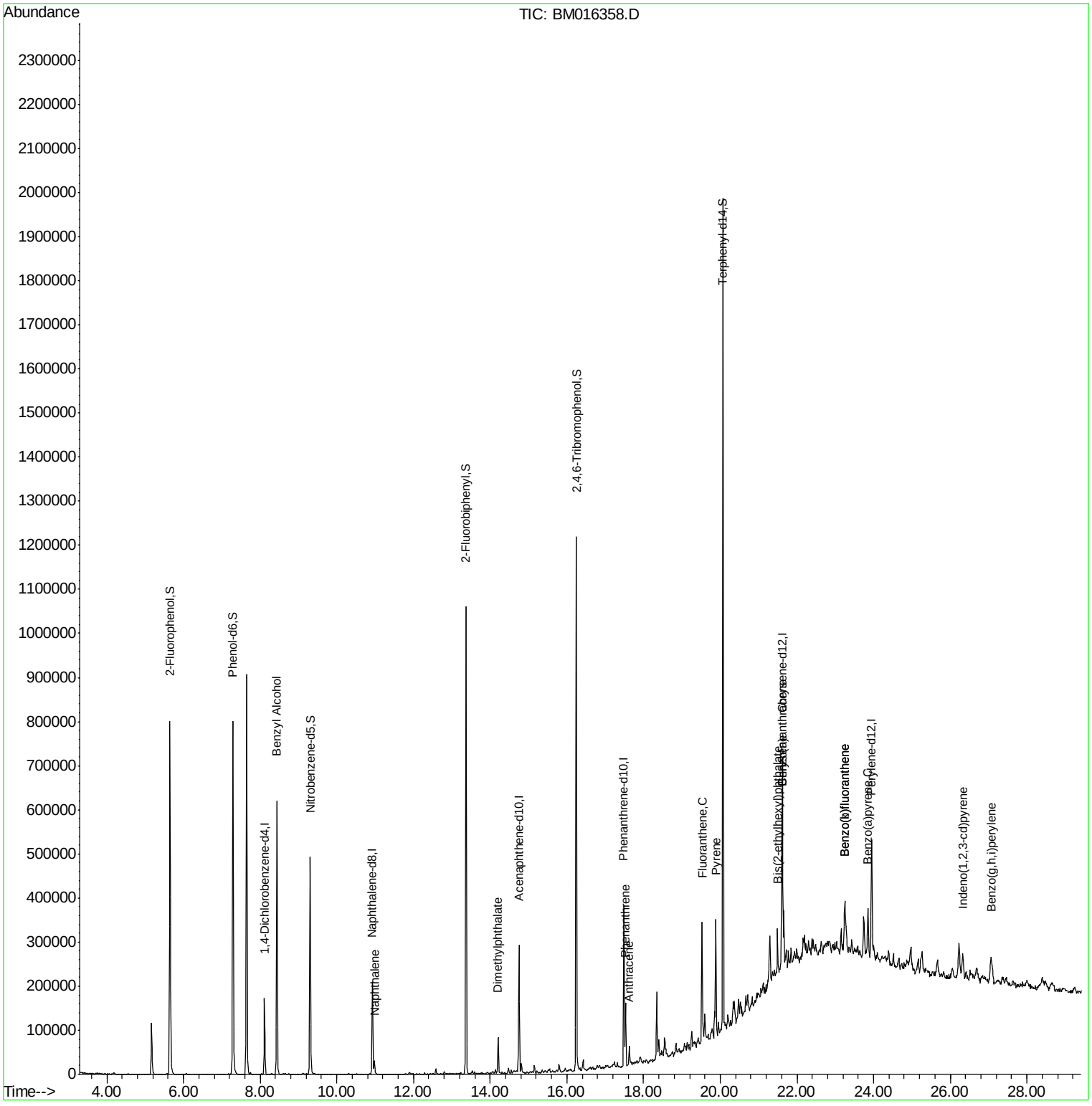
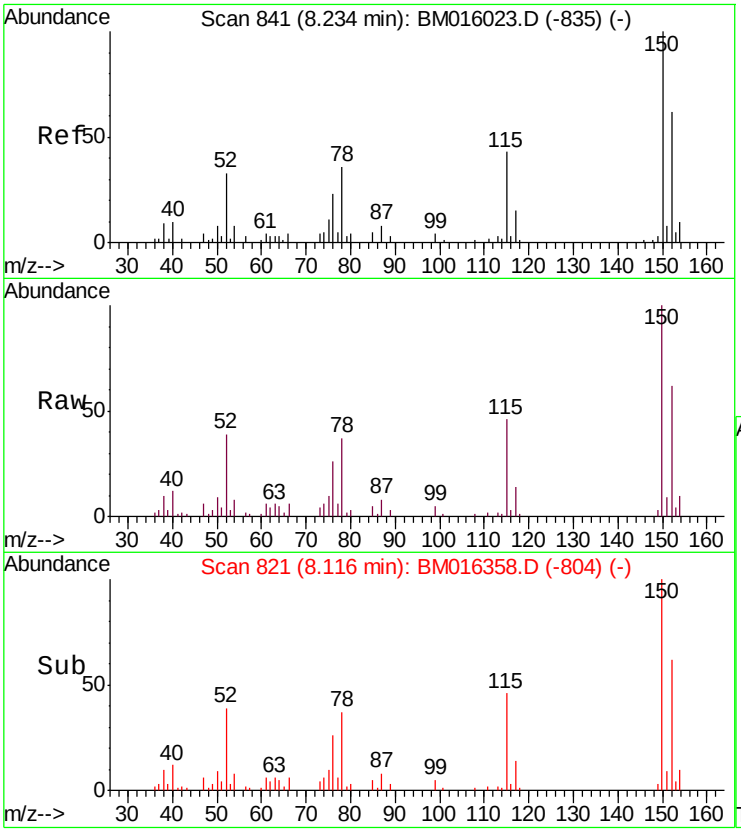


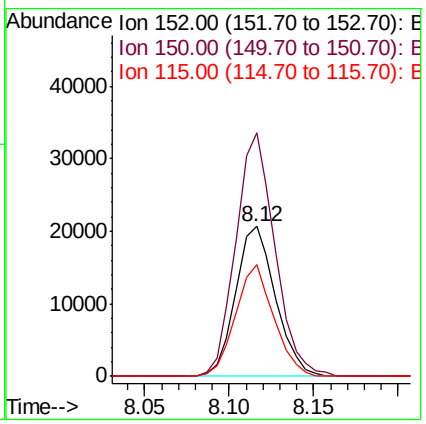


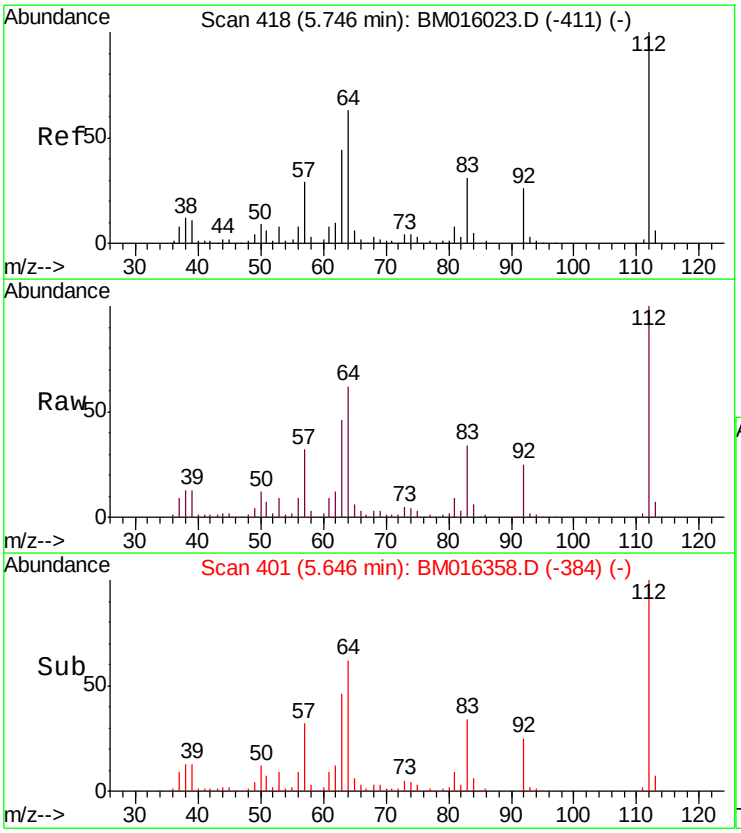
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:152 Resp: 33961

Ion	Ratio	Lower	Upper
152	100		
150	162.3	119.5	179.3
115	74.9	43.0	64.4#

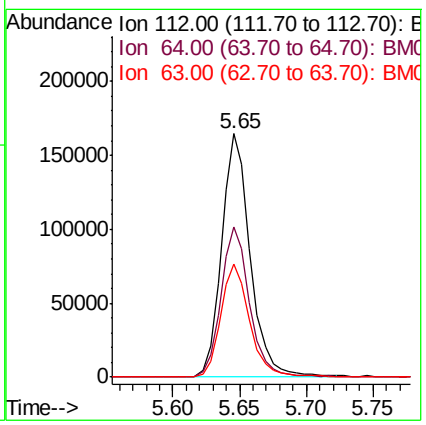


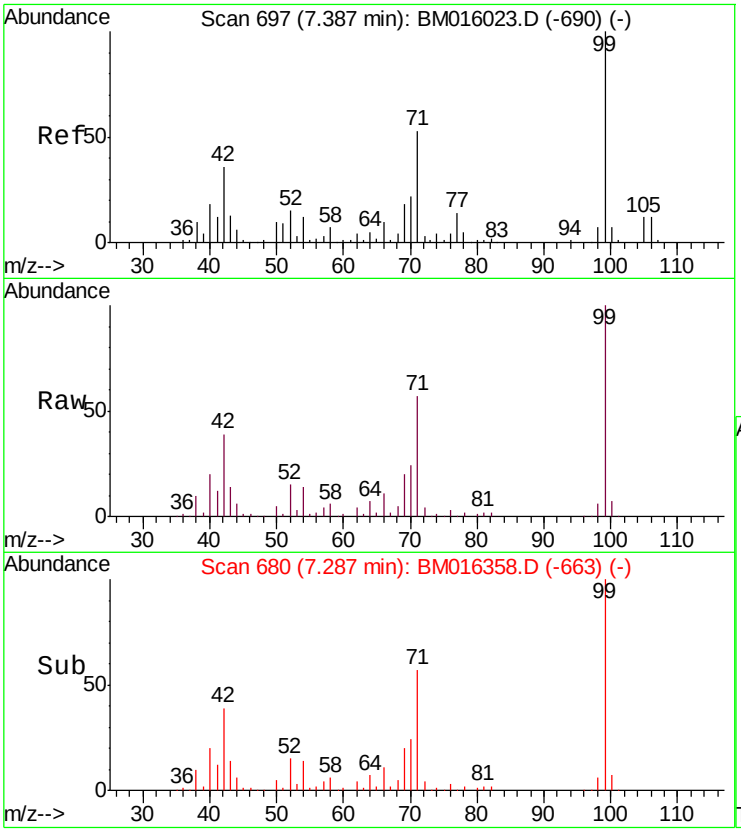


#5
2-Fluorophenol
Concen: Below ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:112 Resp: 247899

Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8#
63	46.4	19.3	28.9#



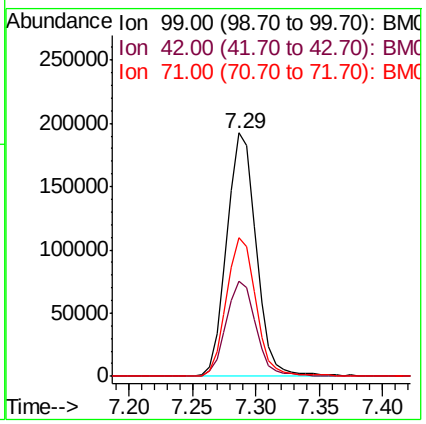


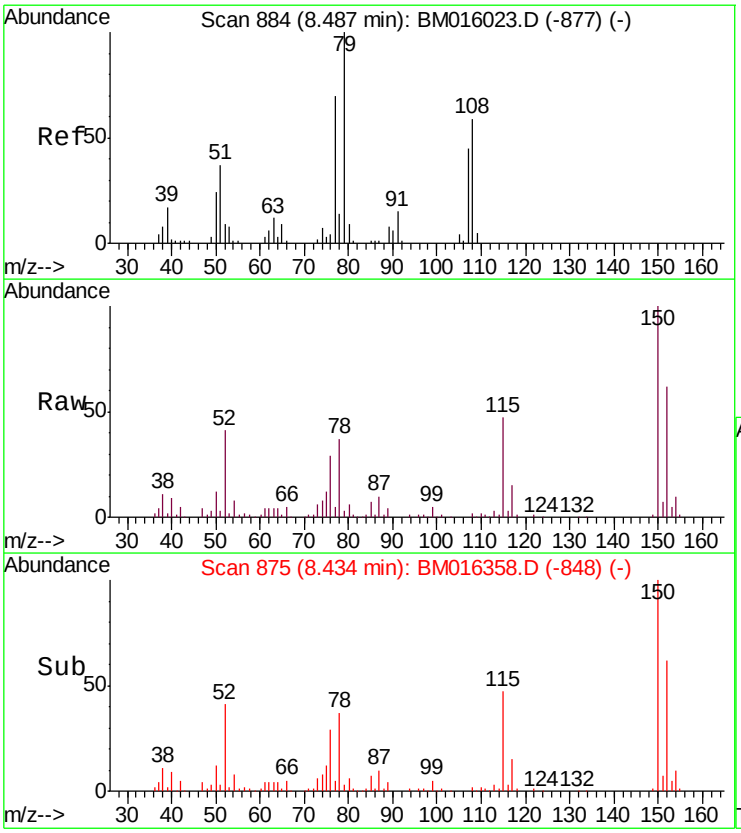
#7
Phenol-d6
Concen: N.D. ng
RT: 7.29 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion: 99 Resp: 309643

Ion	Ratio	Lower	Upper
99	100		
42	39.2	11.0	16.4#
71	56.9	23.4	35.2#

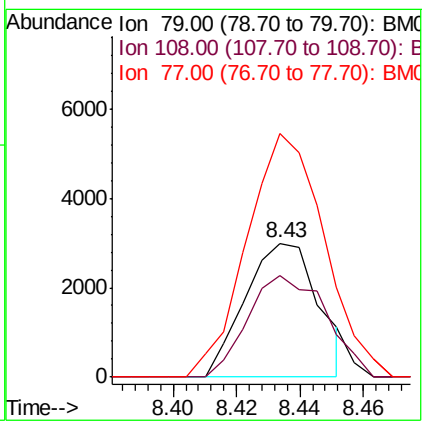


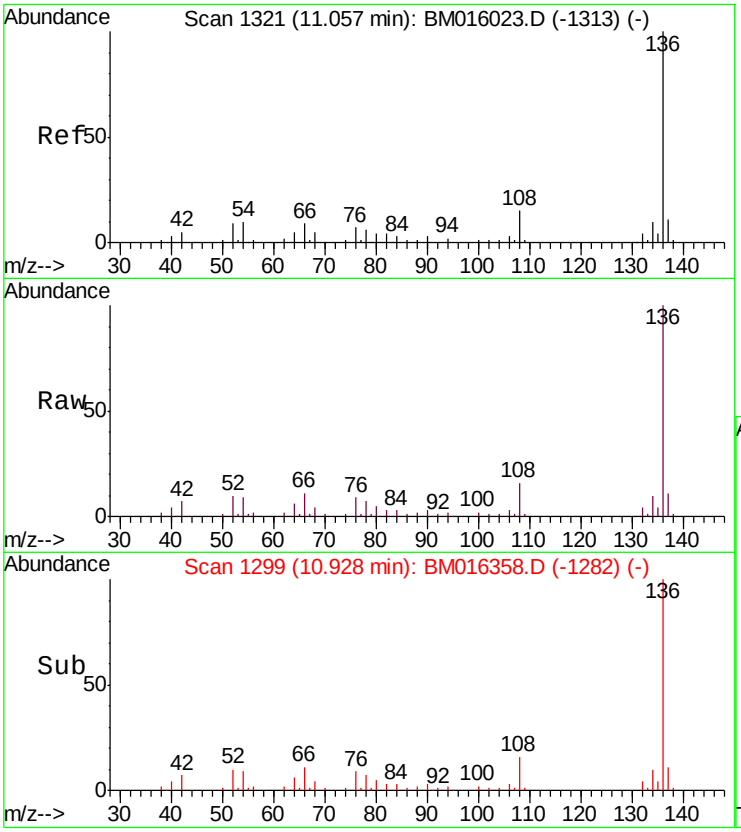


#15
Benzyl Alcohol
Concen: 2.270 ng
RT: 8.43 min Scan# 875
Delta R.T. 0.06 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion: 79 Resp: 4826

Ion	Ratio	Lower	Upper
79	100		
108	76.2	65.0	97.4
77	181.9	53.0	79.6#



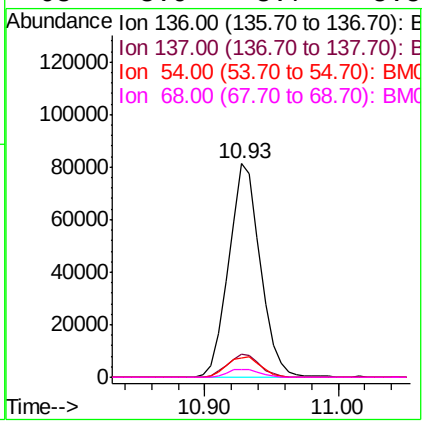


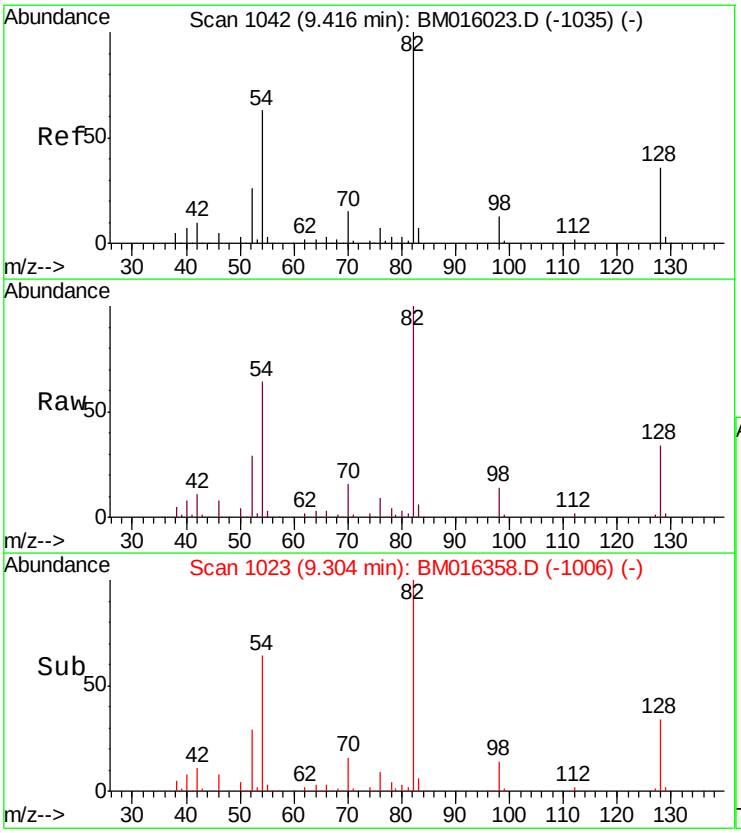
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:136 Resp: 134055

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.1	4.6	6.8#
68	3.9	3.7	5.5

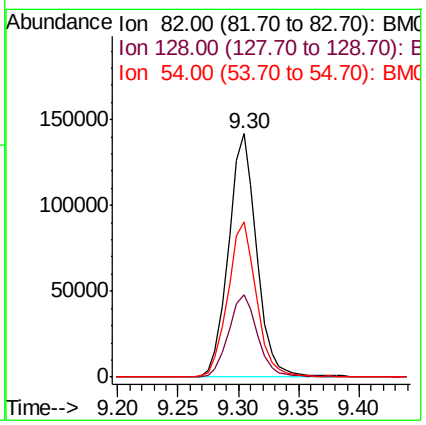


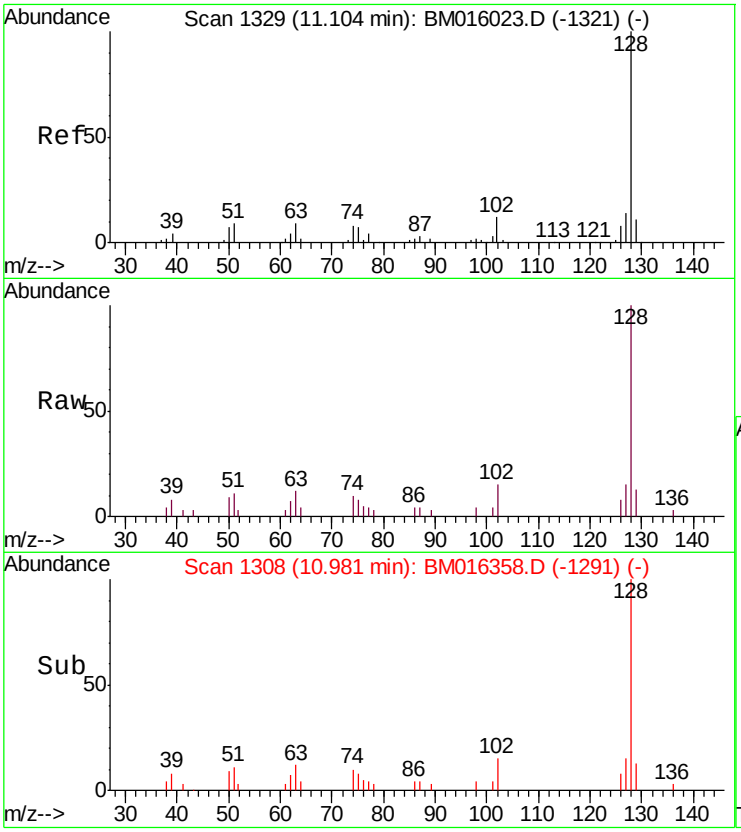


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion: 82 Resp: 230633

Ion	Ratio	Lower	Upper
82	100		
128	34.1	32.8	49.2
54	63.6	40.6	60.8#



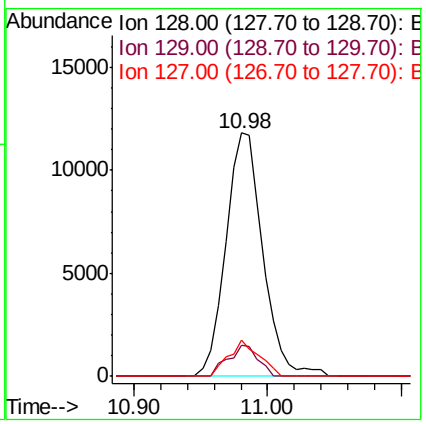


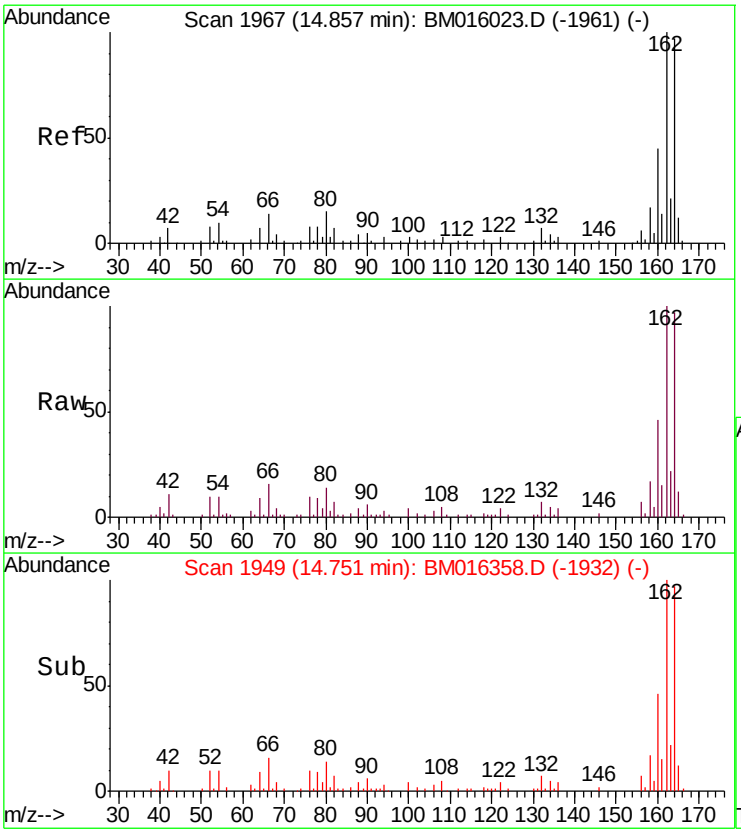
#31
Naphthalene
Concen: 3.350 ng
RT: 10.98 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:128 Resp: 22732

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.9	13.3
127	14.9	10.4	15.6

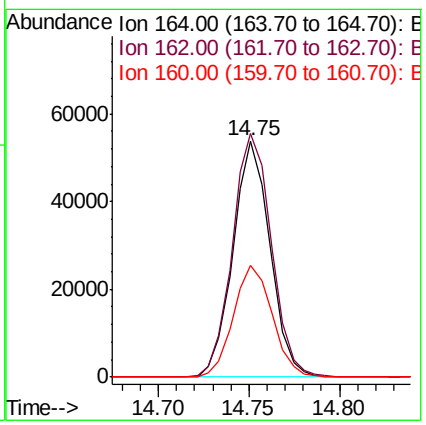


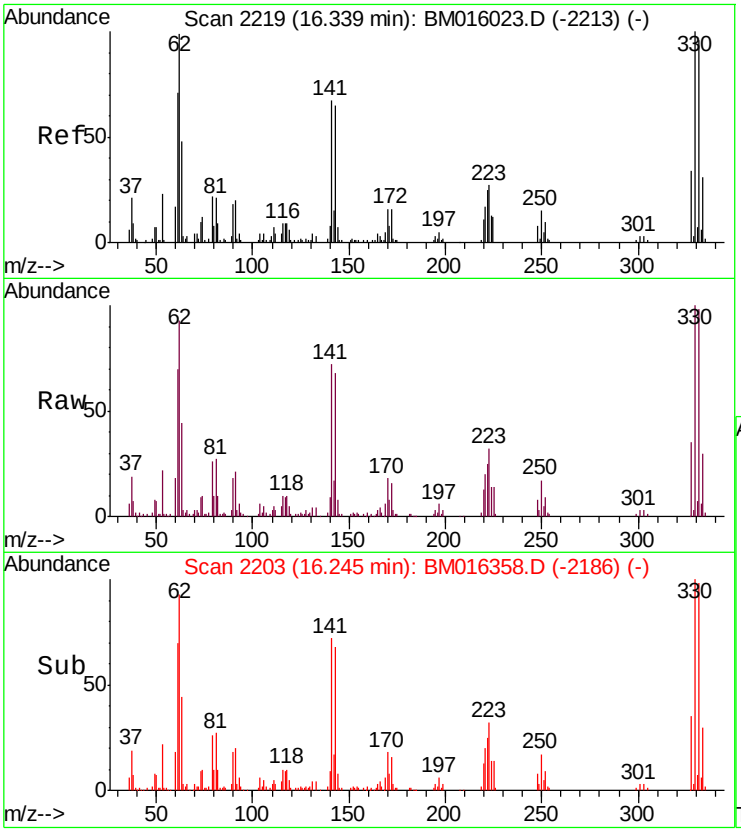


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:164 Resp: 76447

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	47.5	35.8	53.6



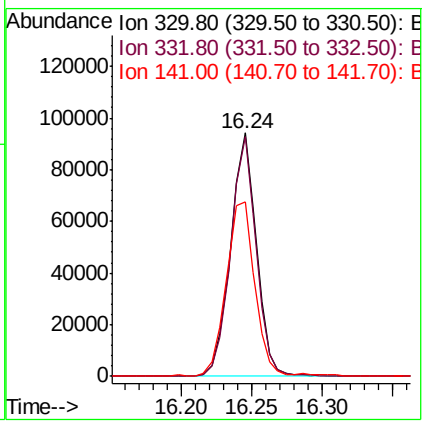


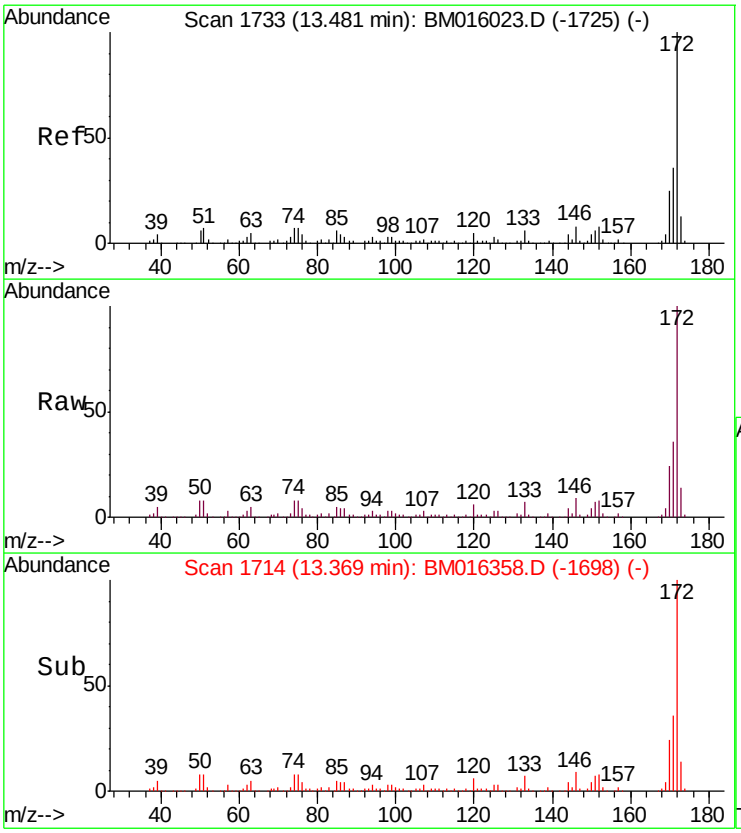
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:330 Resp: 120179

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	80.2	0.0	0.0#

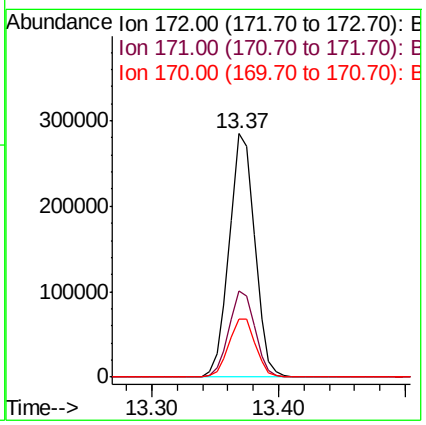


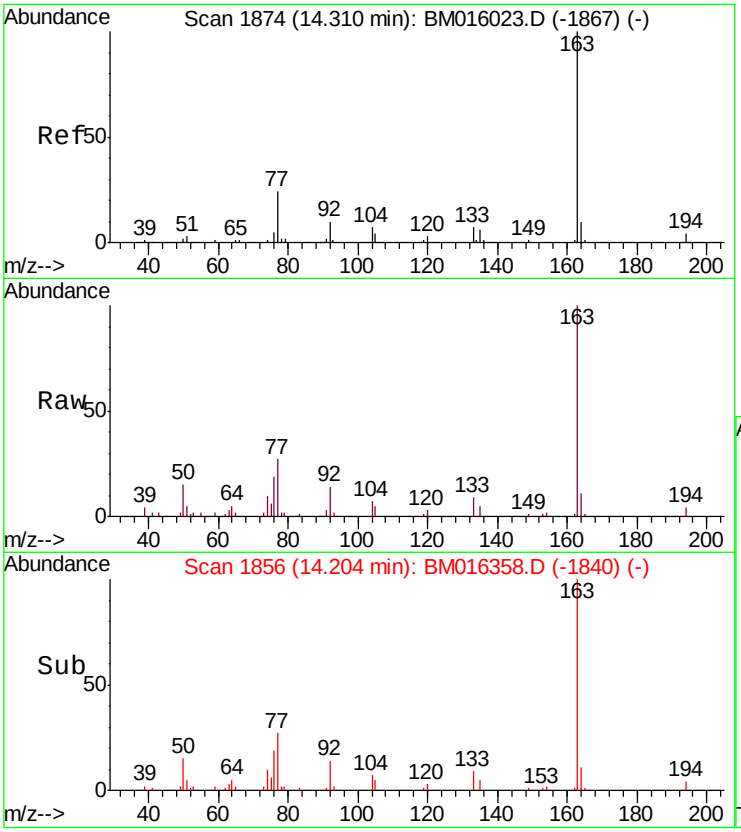


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.37 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:172 Resp: 397641

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.1	18.8	28.2



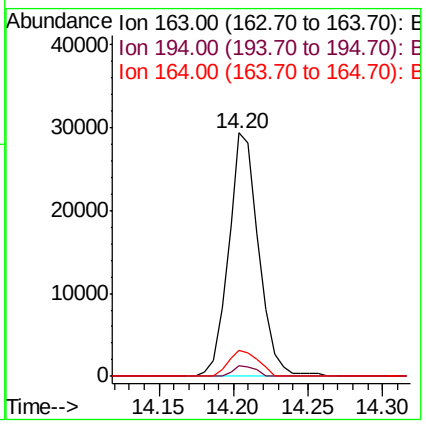


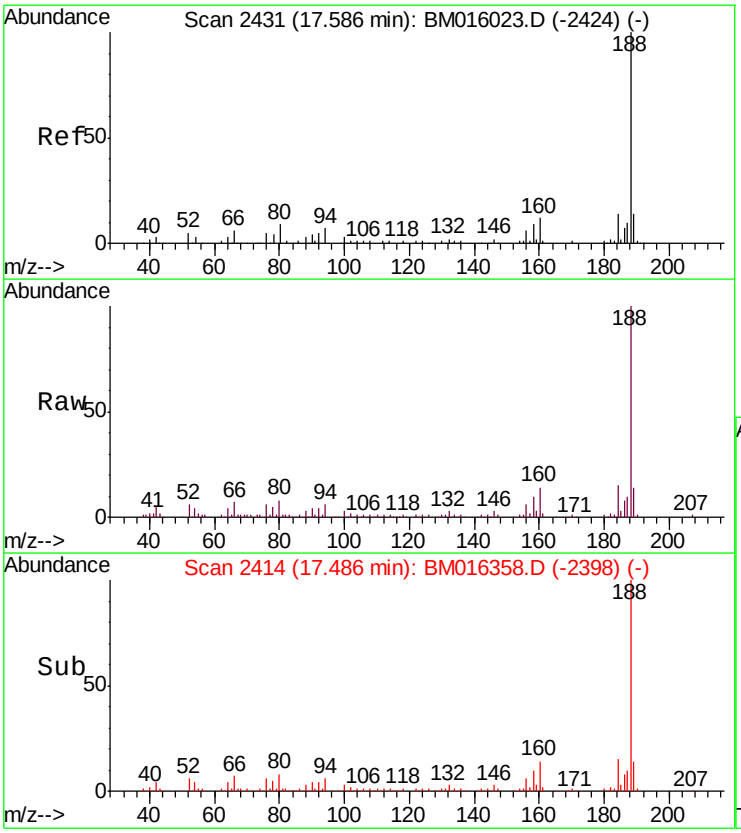
#49
Dimethylphthalate
Concen: 6.160 ng
RT: 14.20 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:163 Resp: 41214

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.6	8.2	12.2

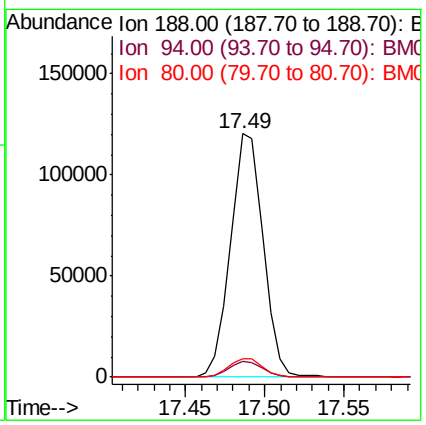


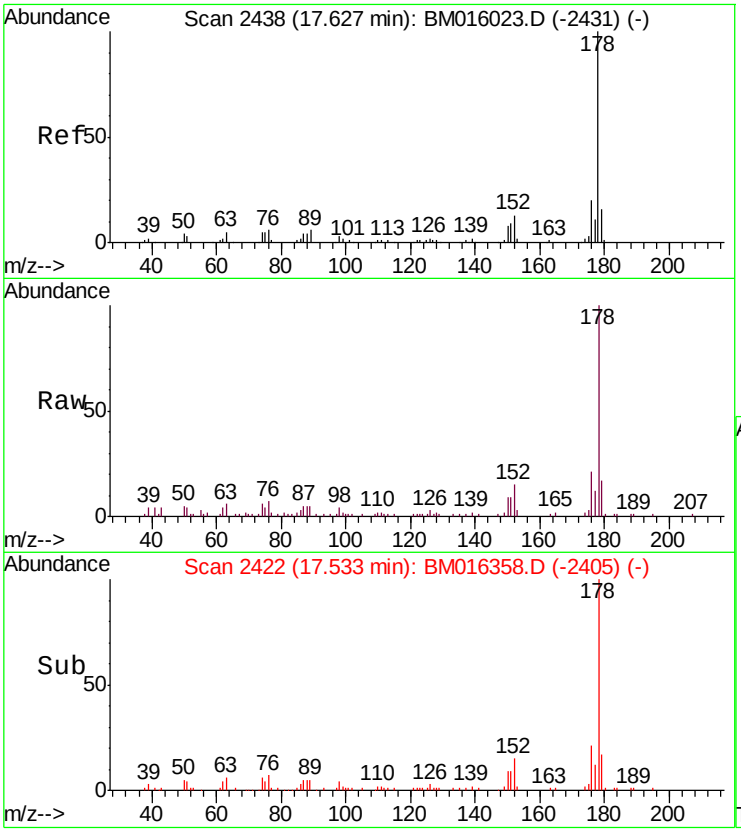


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:188 Resp: 171428

Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	7.8	9.3	13.9#



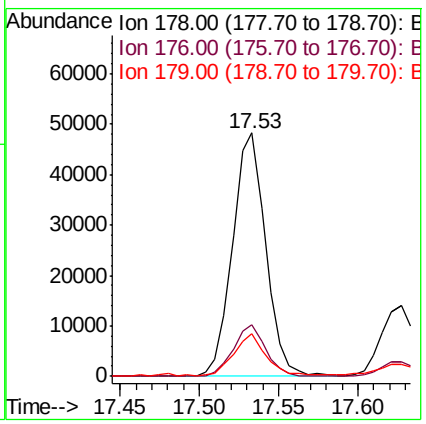


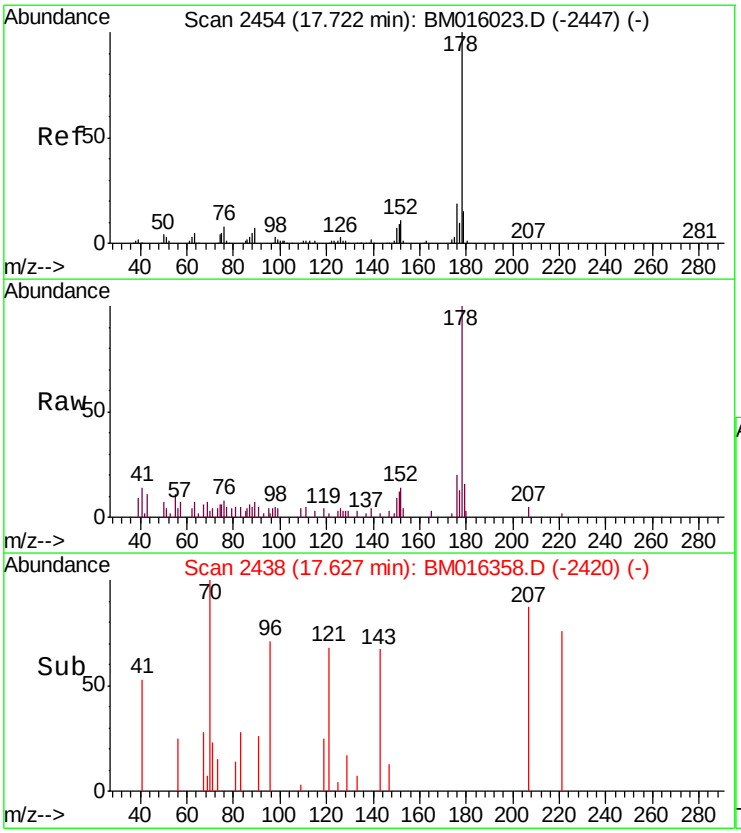
#70
Phenanthrene
Concen: 7.287 ng
RT: 17.53 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:178 Resp: 69940

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.2	22.8
179	17.3	12.1	18.1

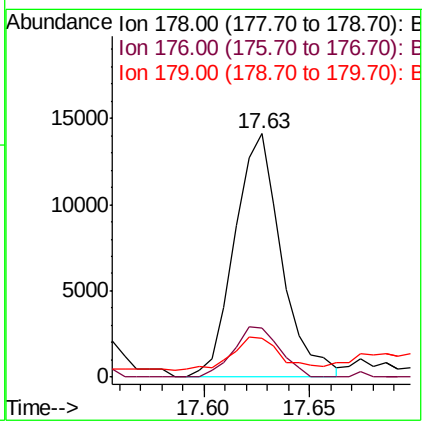


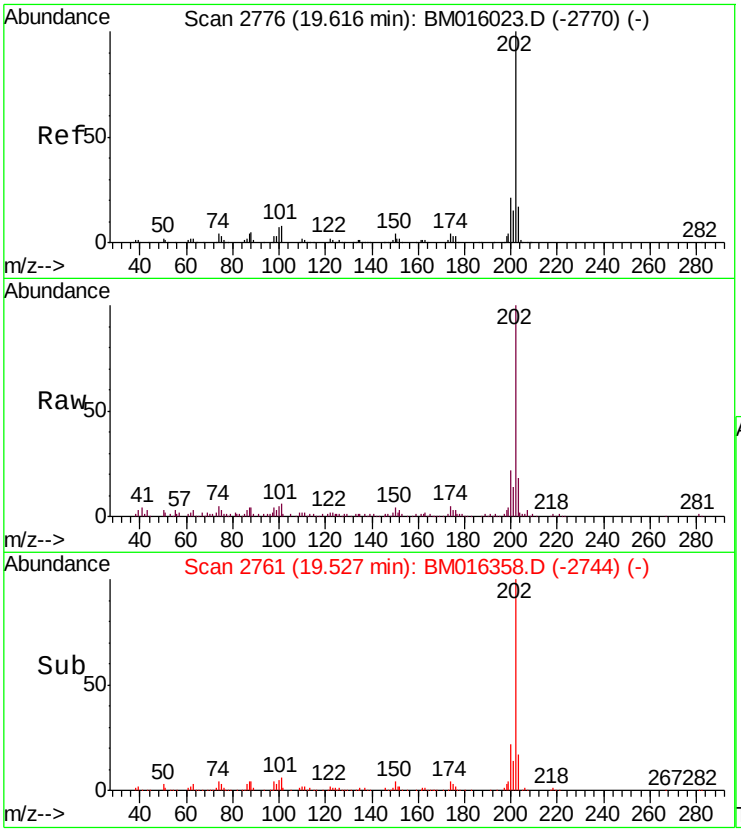


#71
Anthracene
Concen: 2.333 ng
RT: 17.63 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:178 Resp: 21765

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.6	22.0
179	16.1	12.6	19.0



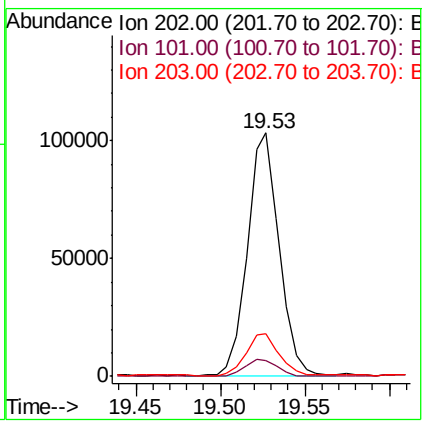


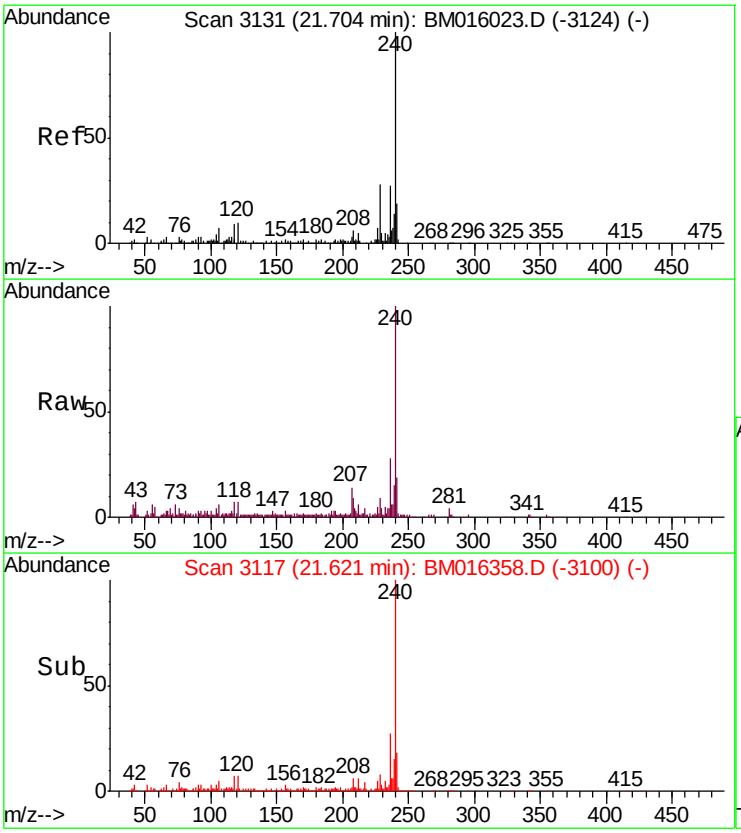
#74
Fluoranthene
Concen: 12.661 ng
RT: 19.53 min Scan# 2761
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:202 Resp: 135545

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.7
203	17.6	0.0	37.2

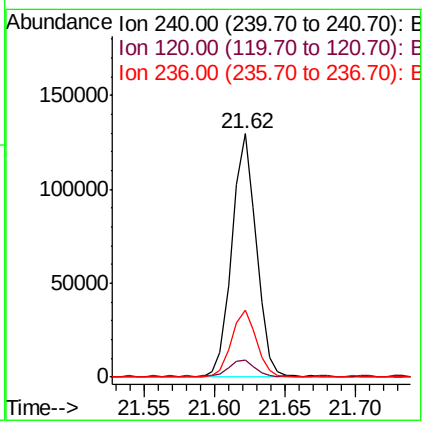


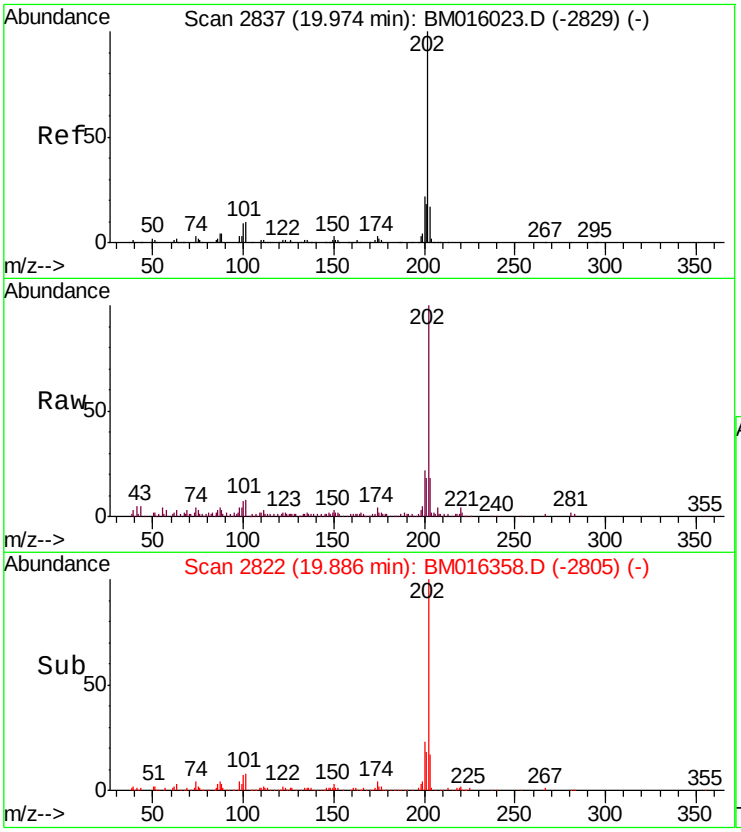


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:240 Resp: 156580

Ion	Ratio	Lower	Upper
240	100		
120	7.1	8.2	12.2#
236	27.6	20.0	30.0



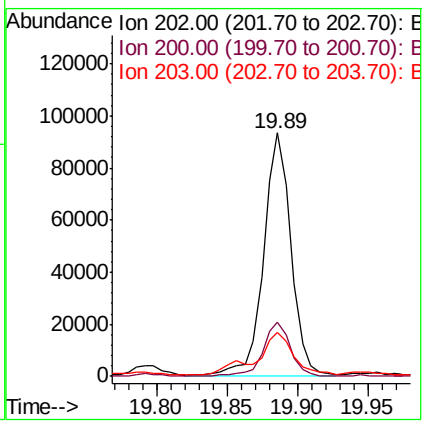


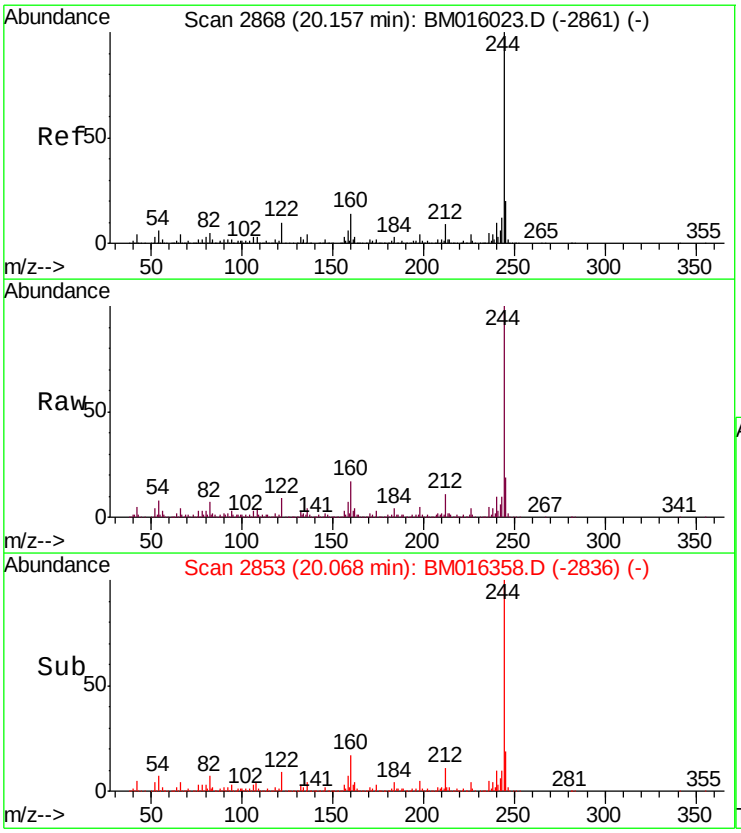
#77
Pyrene
Concen: 13.462 ng
RT: 19.89 min Scan# 2822
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:202 Resp: 126323

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	18.0	14.1	21.1

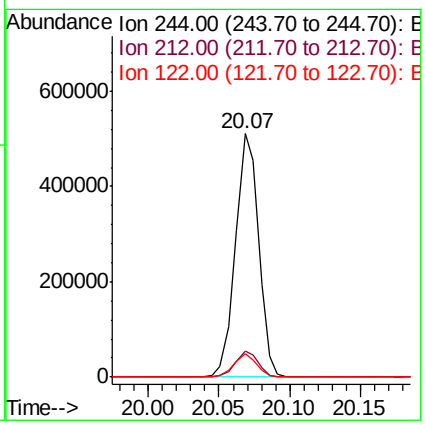


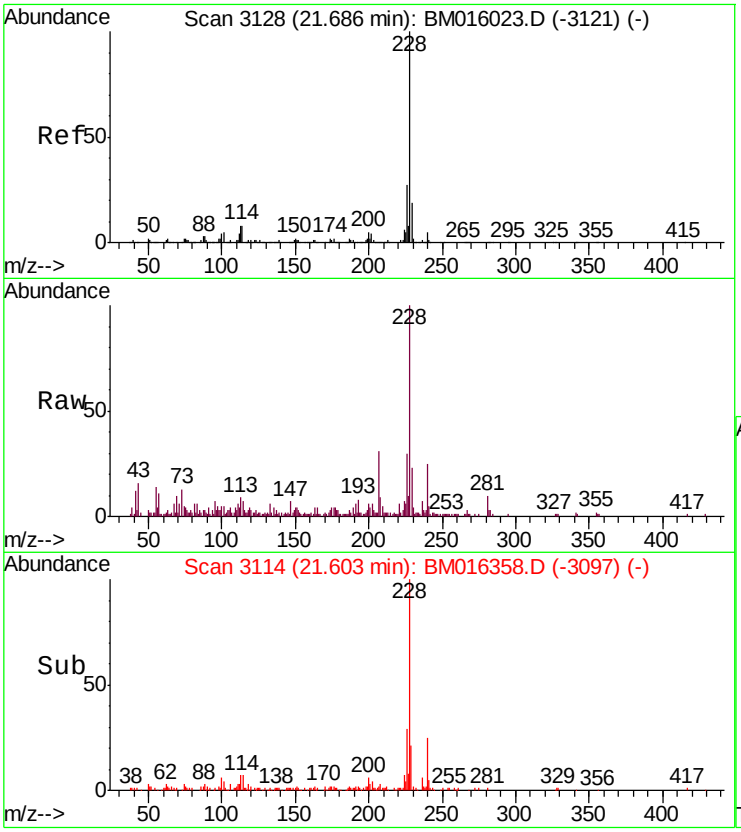


#78
Terphenyl-d14
Concen: 13.462 ng
RT: 20.07 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:244 Resp: 583597

Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	9.5	6.2	9.4#



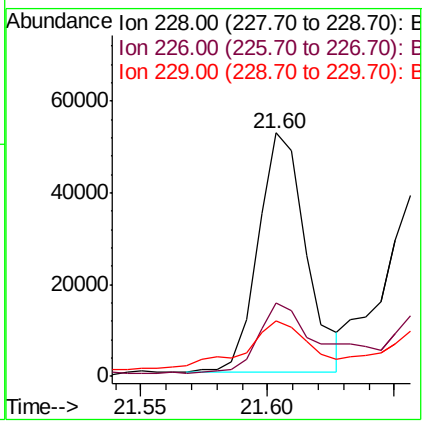


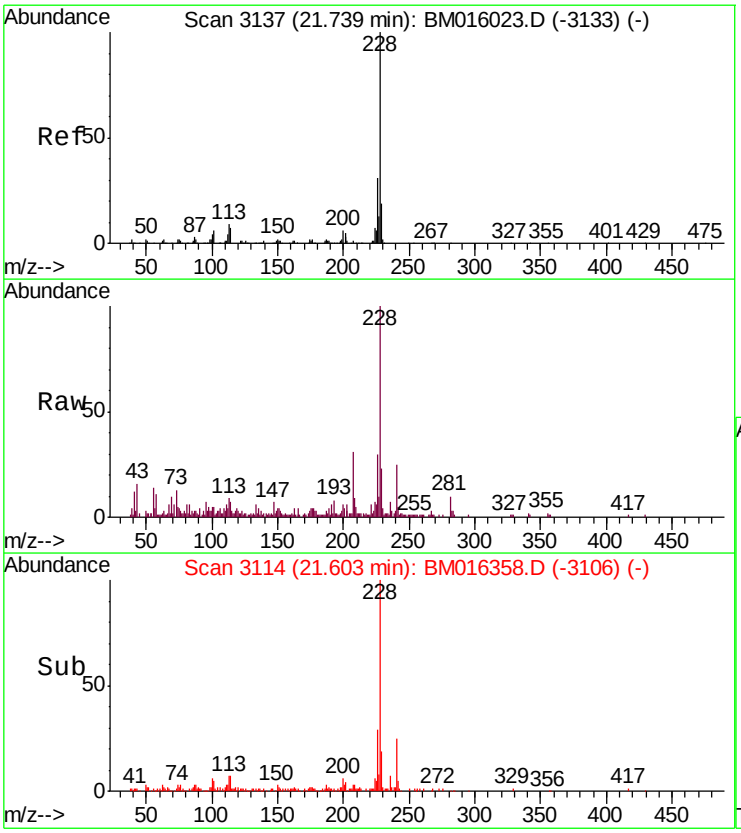
#80
Benzo(a)anthracene
Concen: 7.130 ng
RT: 21.60 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:228 Resp: 68758

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.7	32.5
229	22.7	16.0	24.0

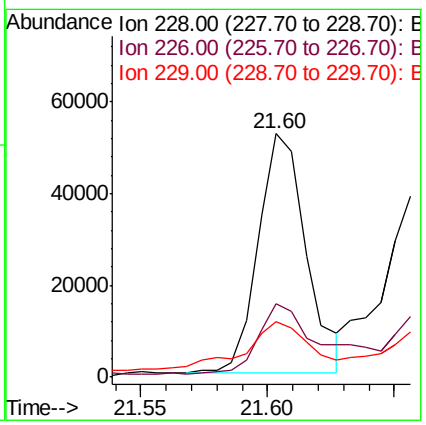


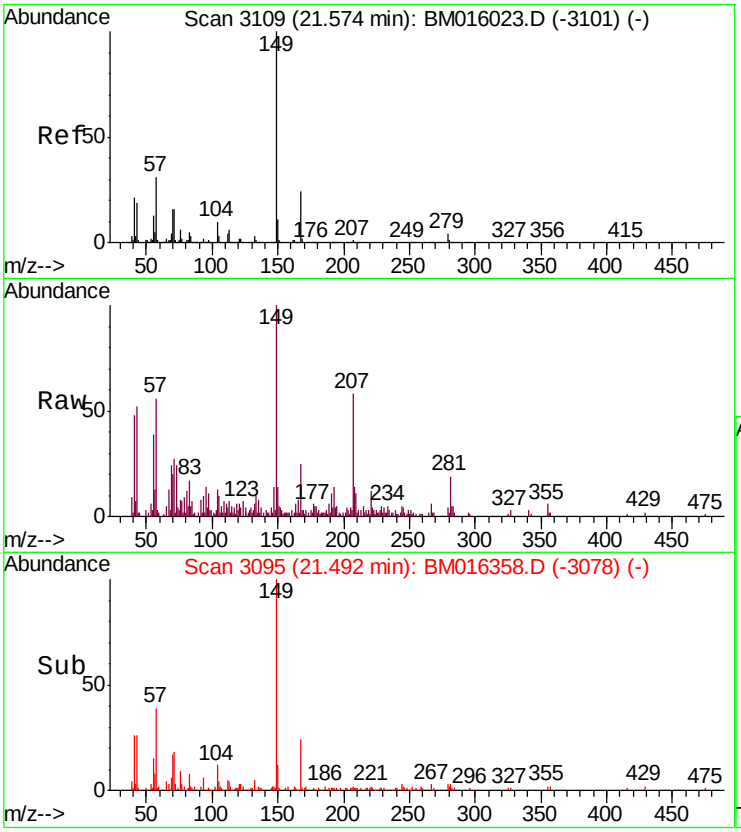


#82
Chrysene
Concen: 7.444 ng
RT: 21.60 min Scan# 3114
Delta R.T. -0.05 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:228 Resp: 68869

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	22.7	15.5	23.3



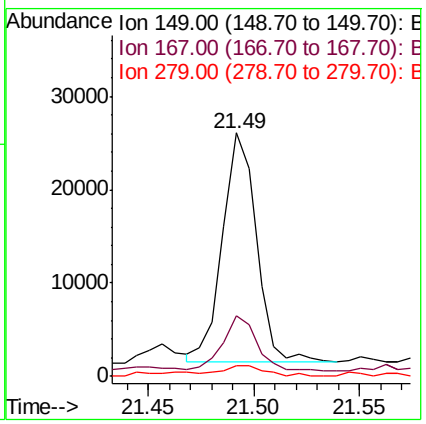


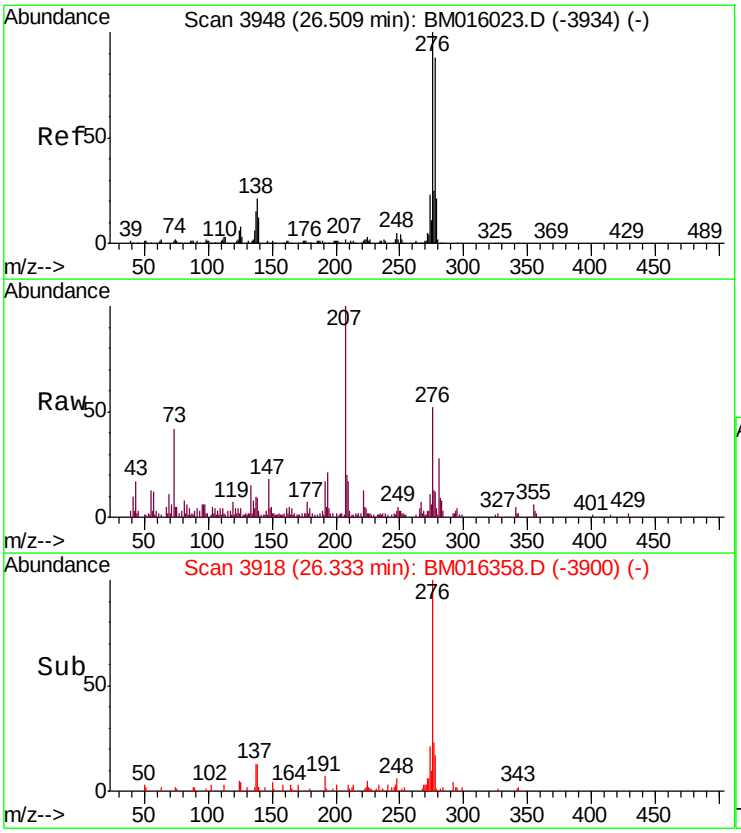
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.950 ng
RT: 21.49 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:149 Resp: 27289

Ion	Ratio	Lower	Upper
149	100		
167	24.8	22.4	33.6
279	4.1	3.4	5.0

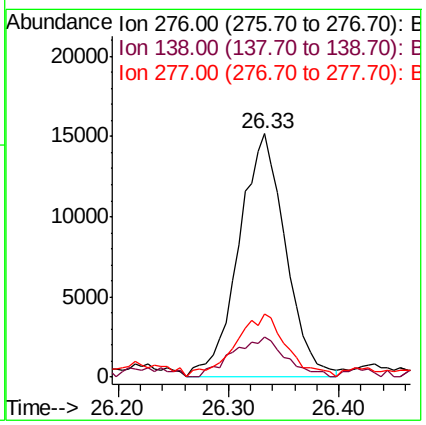


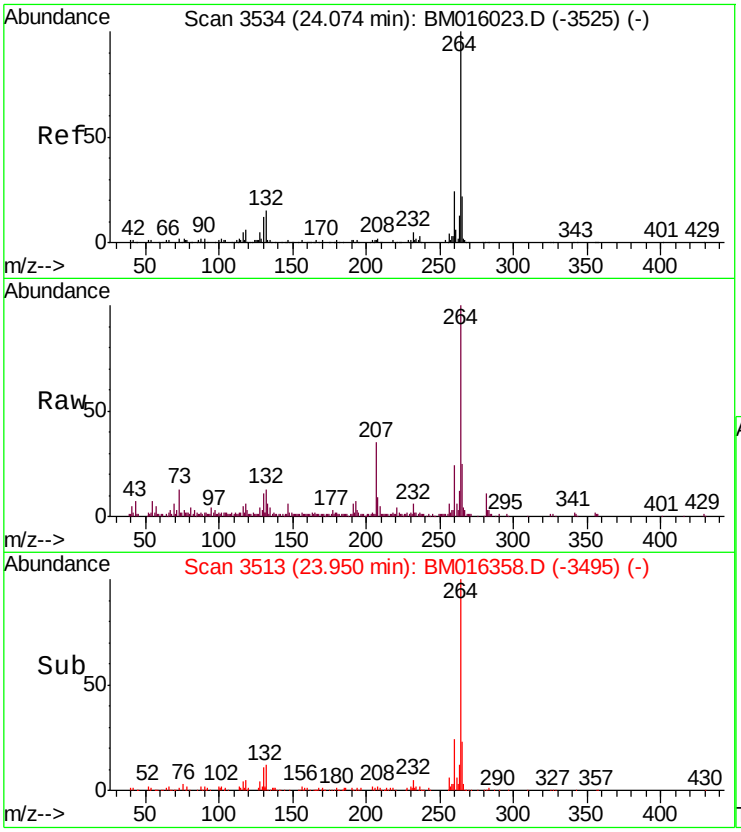


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.094 ng
RT: 26.33 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:276 Resp: 44948

Ion	Ratio	Lower	Upper
276	100		
138	18.7	12.0	18.0#
277	28.3	20.0	30.0



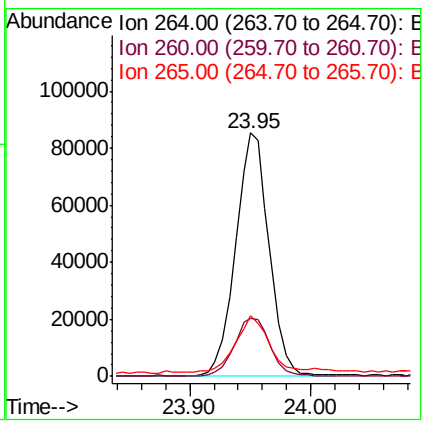


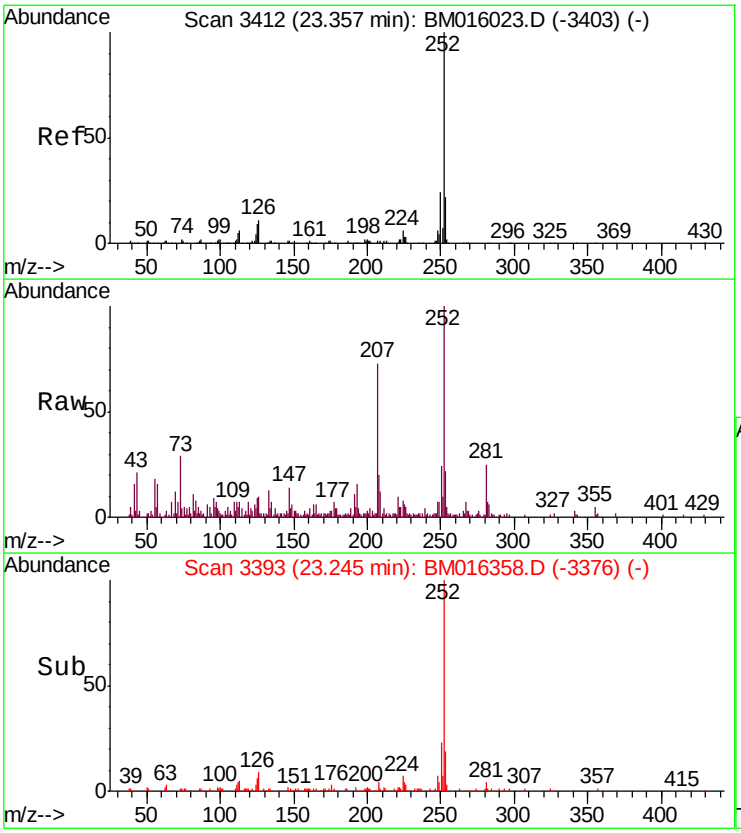
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.95 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:264 Resp: 164500

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	24.8	17.3	25.9

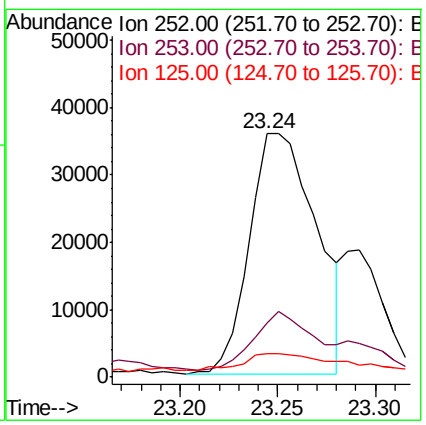


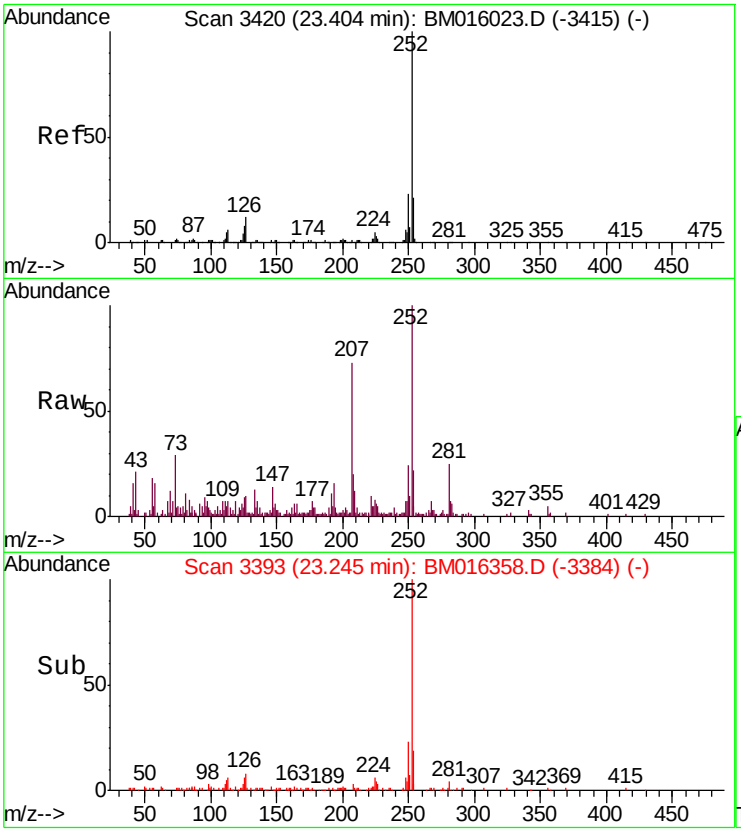


#87
Benzo(b)fluoranthene
Concen: 8.830 ng
RT: 23.24 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:252 Resp: 85520

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.5	9.9	14.9#



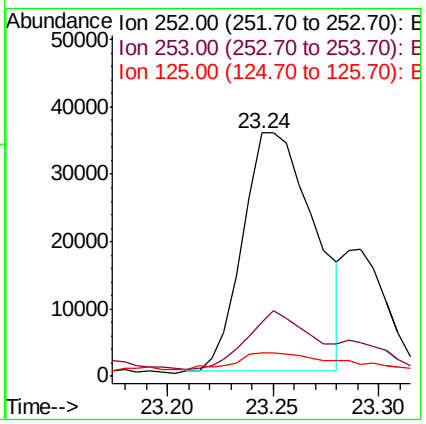


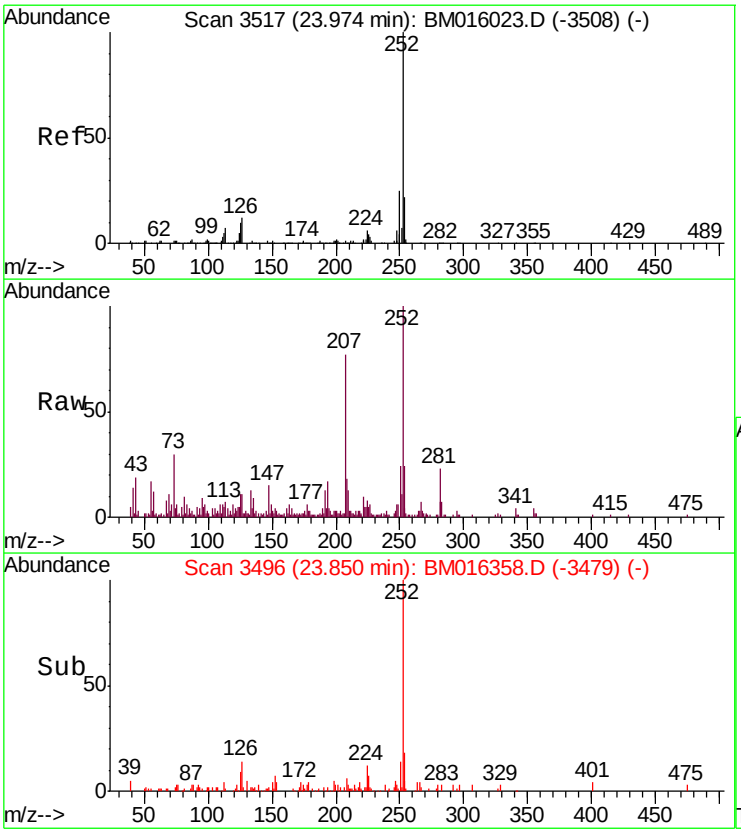
#88
Benzo(k)fluoranthene
Concen: 8.510 ng
RT: 23.24 min Scan# 3393
Delta R.T. -0.05 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:252 Resp: 83528

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.5	8.1	12.1

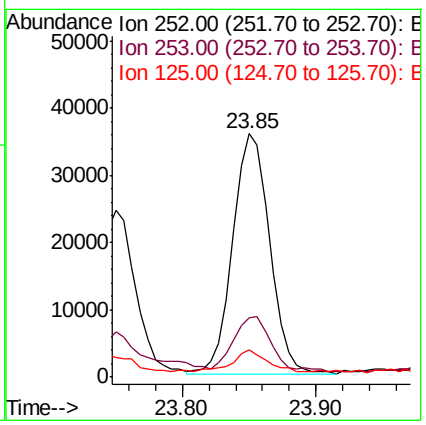


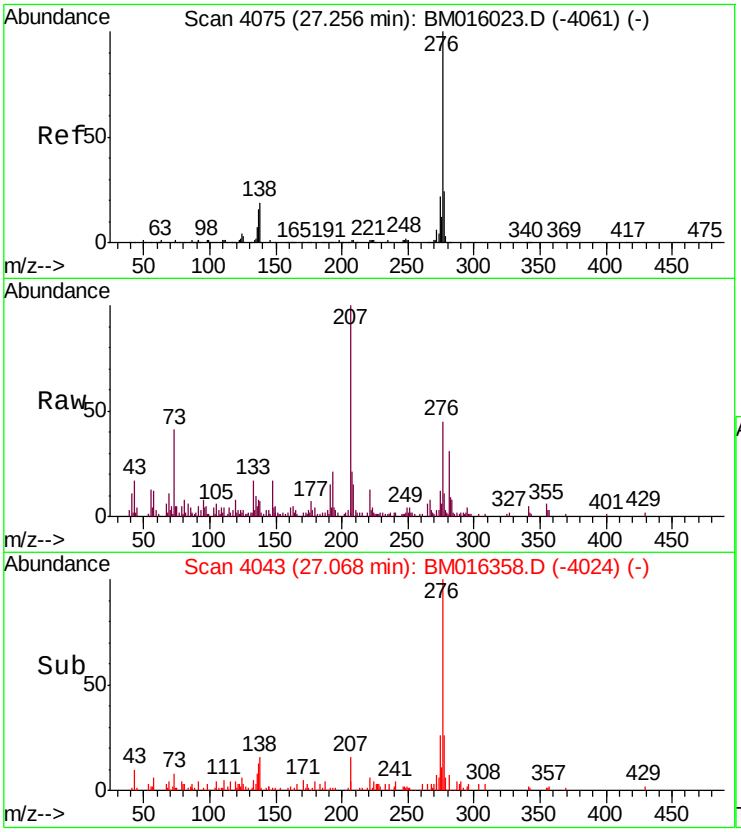


#89
Benzo(a)pyrene
Concen: 7.369 ng
RT: 23.85 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Tgt Ion:252 Resp: 68613

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	11.1	7.4	11.2





#91
Benzo(g,h,i)perylene
Concen: 4.854 ng
RT: 27.07 min Scan# 4043
Delta R.T. 0.01 min
Lab File: BM016358.D
Acq: 14 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:276 Resp: 44284

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.5	27.7
138	19.3	19.0	28.6