Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016235.D
Acq On : 08 Aug 2018 02:19
Operator : SJ/JU
Sample : J4277-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 08 04:05:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55076	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	225833	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	125261	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	287505	20.00	ng		0.00
75) Chrysene-d12	21.64	240	321640	20.00	ng		0.00
86) Perylene-d12	23.97	264	281040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	62363	18.81	ng		0.00
7) Phenol-d6	7.30	99	83163	19.21	ng		0.00
23) Nitrobenzene-d5	9.32	82	57411	11.82	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	25382	15.98	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	115315	11.20	ng		0.00
78) Terphenyl-d14	20.09	244	192088	12.50	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.46	79	1167	0.338	ng	#	46
31) Naphthalene	11.01	128	1490	0.130	ng	#	69
37) 2-Methylnaphthalene	12.61	142	646	0.084	ng	#	83
45) 1,1'-Biphenyl	13.61	154	120	0.011	ng	#	42
48) Acenaphthylene	14.50	152	5048	0.392	ng	#	91
49) Dimethylphthalate	14.23	163	11840	1.080	ng	#	95
51) Acenaphthene	14.83	154	1811	0.229	ng		82
54) Dibenzofuran	15.18	168	1809	0.139	ng	#	83
57) Fluorene	15.82	166	3669	0.378	ng	#	95
59) Diethylphthalate	15.57	149	1921	0.163	ng	#	58
70) Phenanthrene	17.55	178	44183	2.745	ng		95
71) Anthracene	17.64	178	13751	0.879	ng		96
72) Carbazole	17.93	167	4415	0.272	ng	#	85
73) Di-n-butylphthalate	18.44	149	1767	0.087	ng	#	78
74) Fluoranthene	19.54	202	78458	4.370	ng		95
77) Pyrene	19.90	202	77250	4.008	ng		99
79) Butylbenzylphthalate	20.76	149	876	0.089	ng	#	54
80) Benzo(a)anthracene	21.62	228	42857	2.163	ng		93
81) 3,3'-Dichlorobenzidine	21.58	252	164	0.021	ng	#	9
82) Chrysene	21.67	228	39436	2.075	ng	#	95
83) Bis(2-ethylhexyl)phthalate	21.51	149	4014	0.283	ng	#	94
84) Di-n-octyl phthalate	22.42	149	3829	0.161	ng	#	1
85) Indeno(1,2,3-cd)pyrene	26.37	276	23279	1.032	ng	#	83
87) Benzo(b)fluoranthene	23.27	252	42715	2.581	ng	#	91
88) Benzo(k)fluoranthene	23.27	252	42715	2.547	ng	#	88
89) Benzo(a)pyrene	23.87	252	34759	2.185	ng	#	89
90) Dibenzo(a,h)anthracene	26.37	278	9867	0.599	ng	#	70
91) Benzo(g,h,i)perylene	27.10	276	24281	1.558	ng	#	90

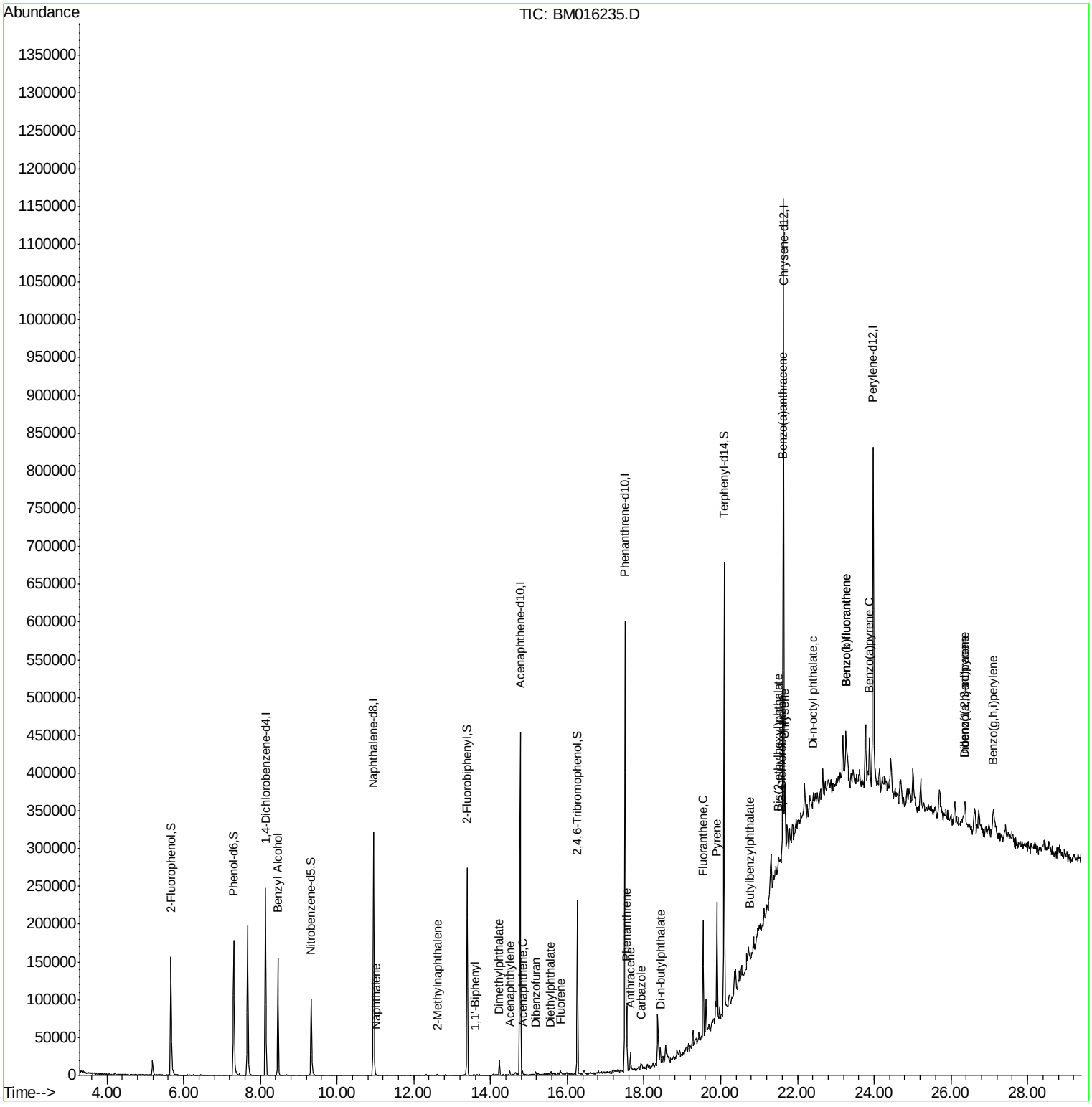
(#) = qualifier out of range (m) = manual integration (+) = signals summed

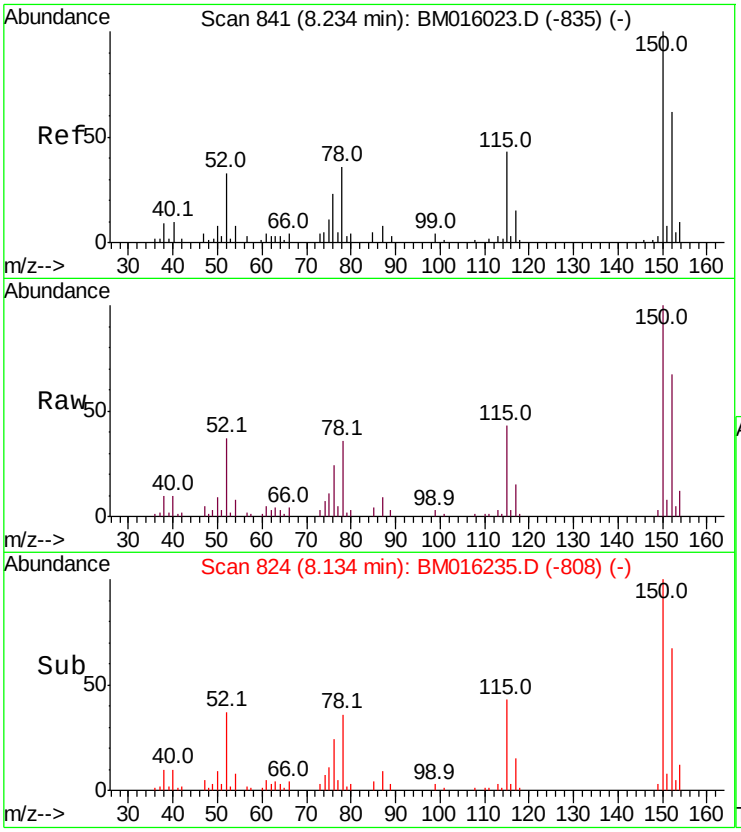
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016235.D
Acq On : 08 Aug 2018 02:19
Operator : SJ/JU
Sample : J4277-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 08 04:05:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration



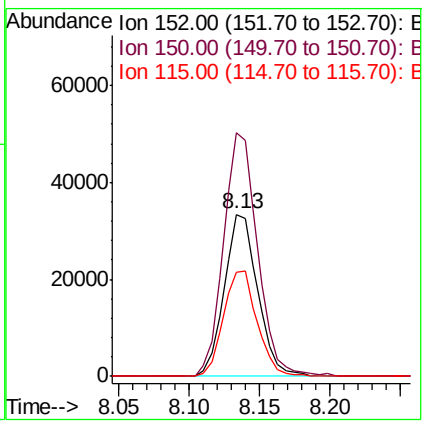


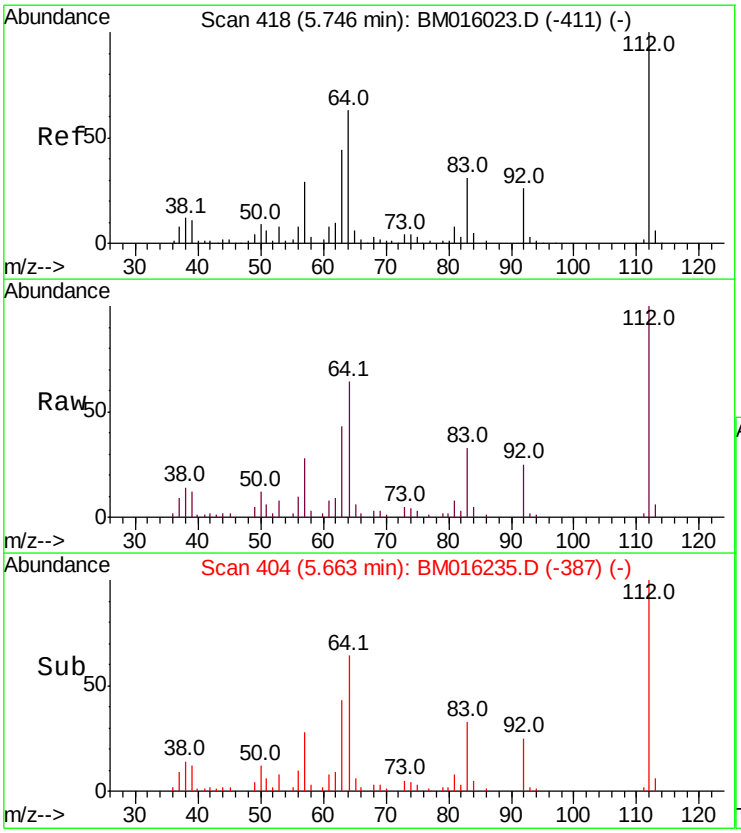
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 55076

Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.5	179.3
115	64.3	43.0	64.4

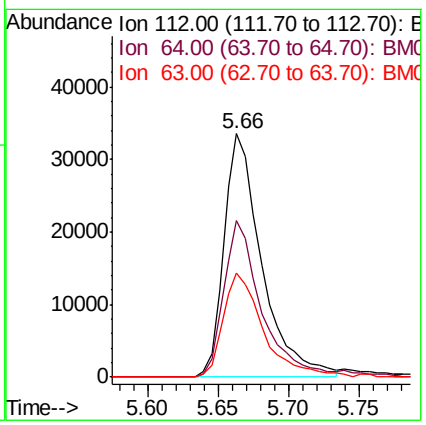


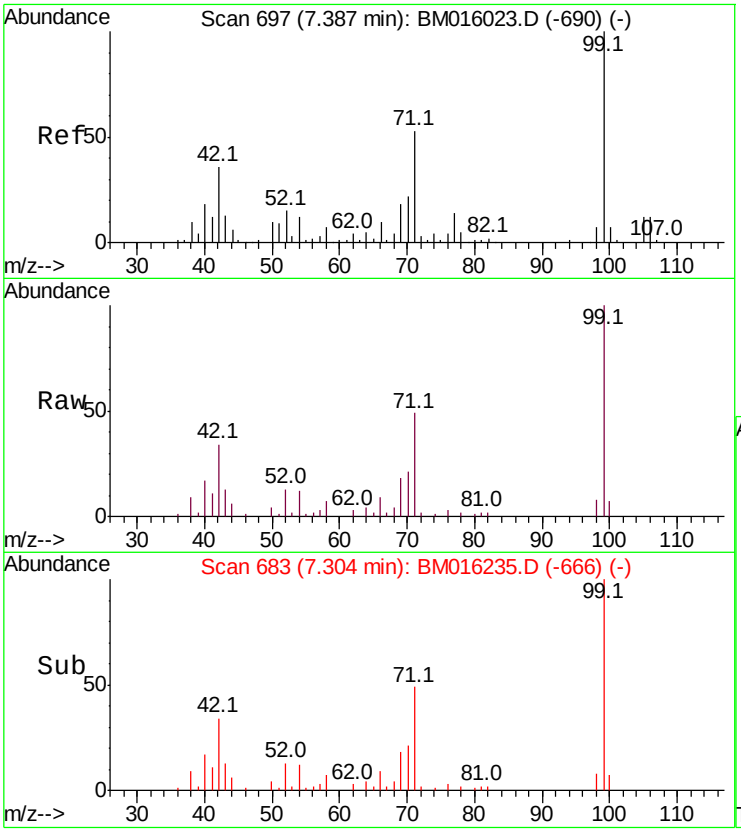


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:112 Resp: 62363

Ion	Ratio	Lower	Upper
112	100		
64	64.1	38.6	57.8#
63	42.8	19.3	28.9#



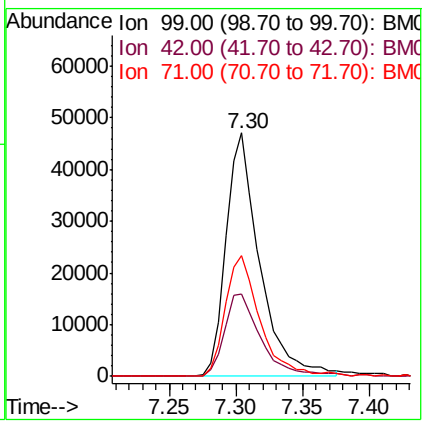


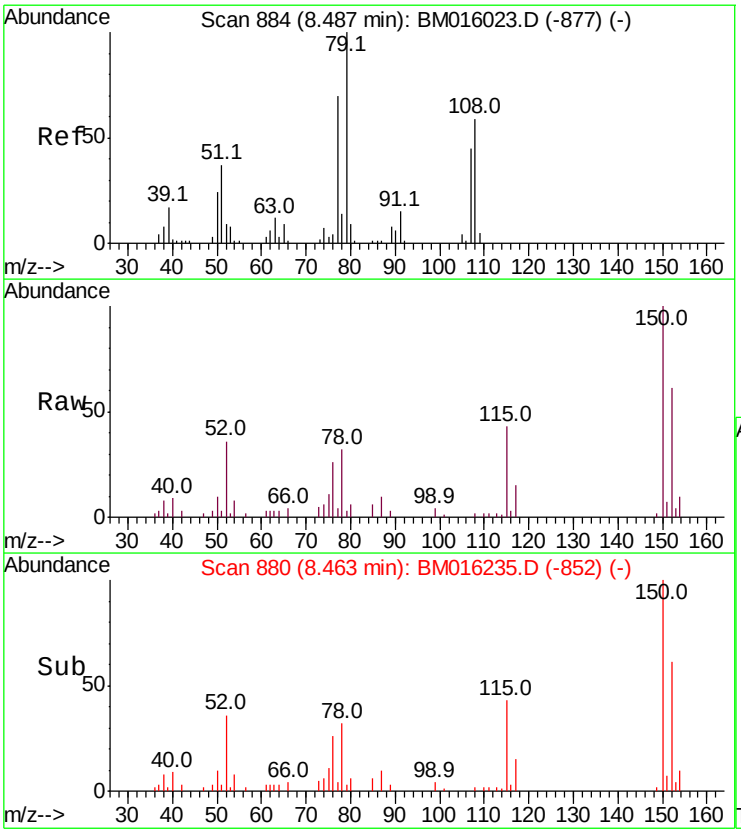
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 83163

Ion	Ratio	Lower	Upper
99	100		
42	33.6	11.0	16.4#
71	49.4	23.4	35.2#

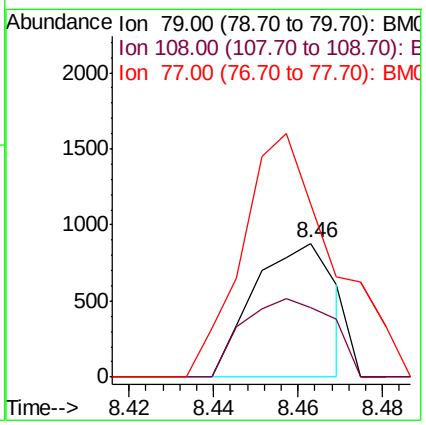


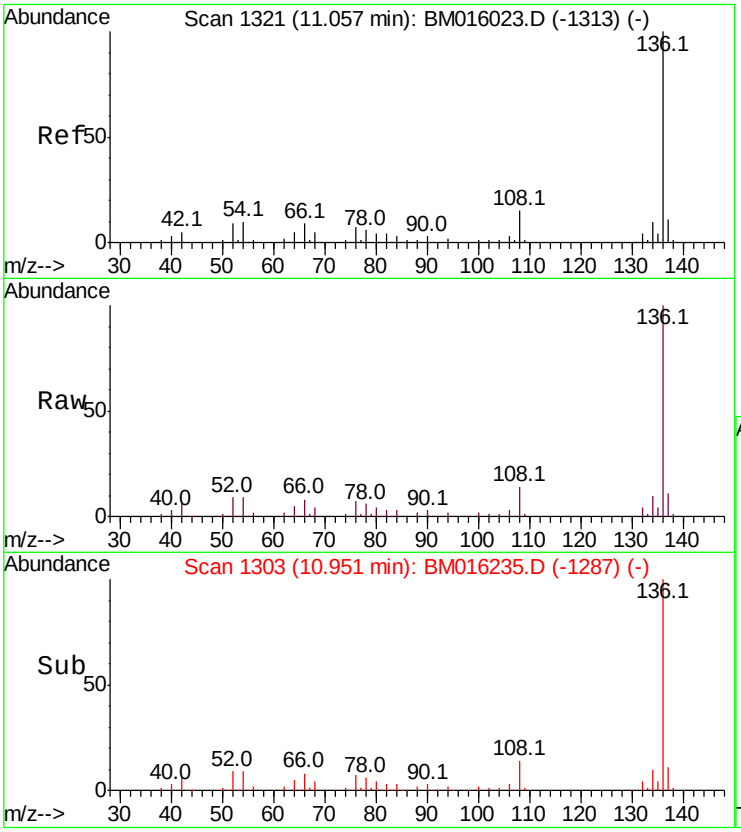


#15
Benzyl Alcohol
Concen: 0.338 ng
RT: 8.46 min Scan# 880
Delta R.T. 0.06 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion: 79 Resp: 1167

Ion	Ratio	Lower	Upper
79	100		
108	52.3	65.0	97.4#
77	129.8	53.0	79.6#



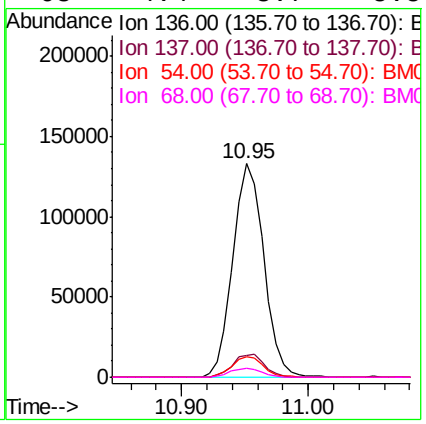


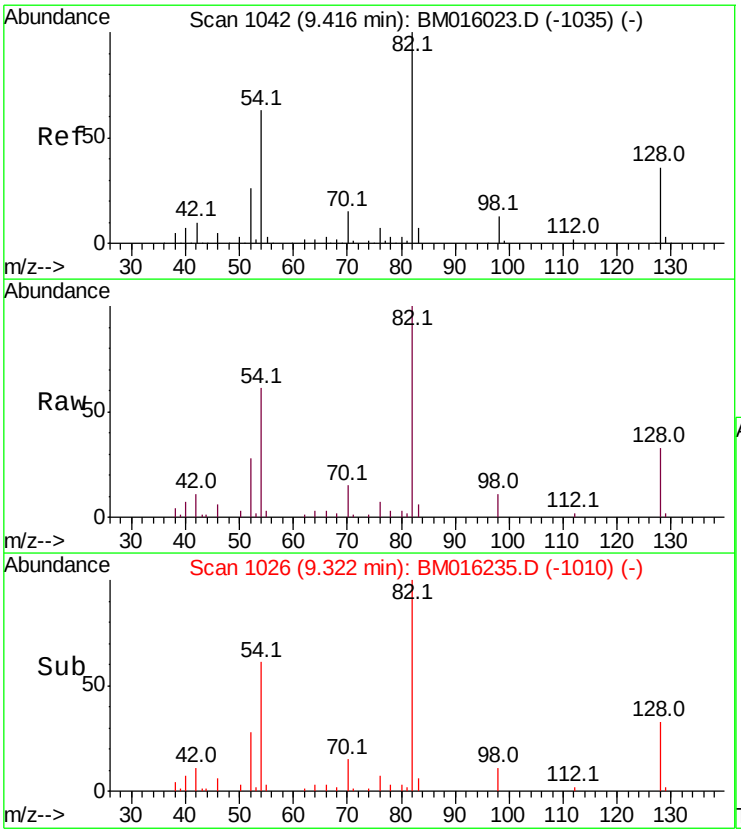
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 225833

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.5	4.6	6.8#
68	4.4	3.7	5.5

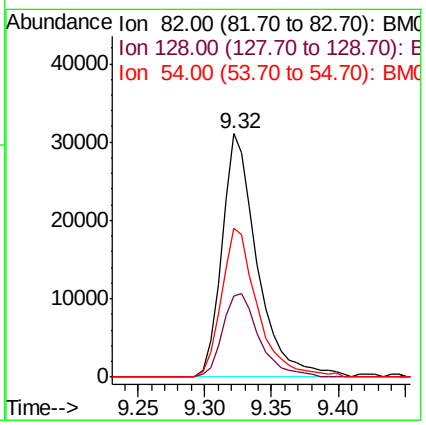


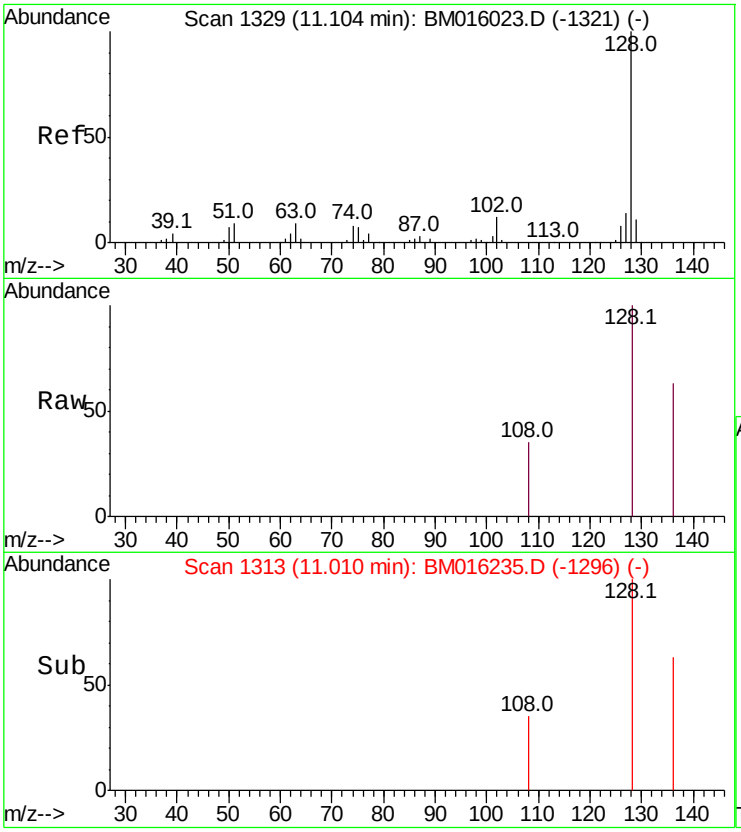


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion: 82 Resp: 57411

Ion	Ratio	Lower	Upper
82	100		
128	33.2	32.8	49.2
54	61.0	40.6	60.8#



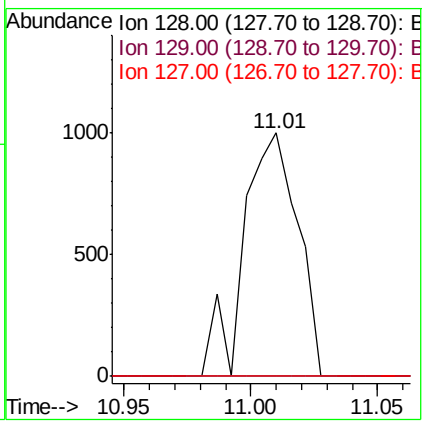


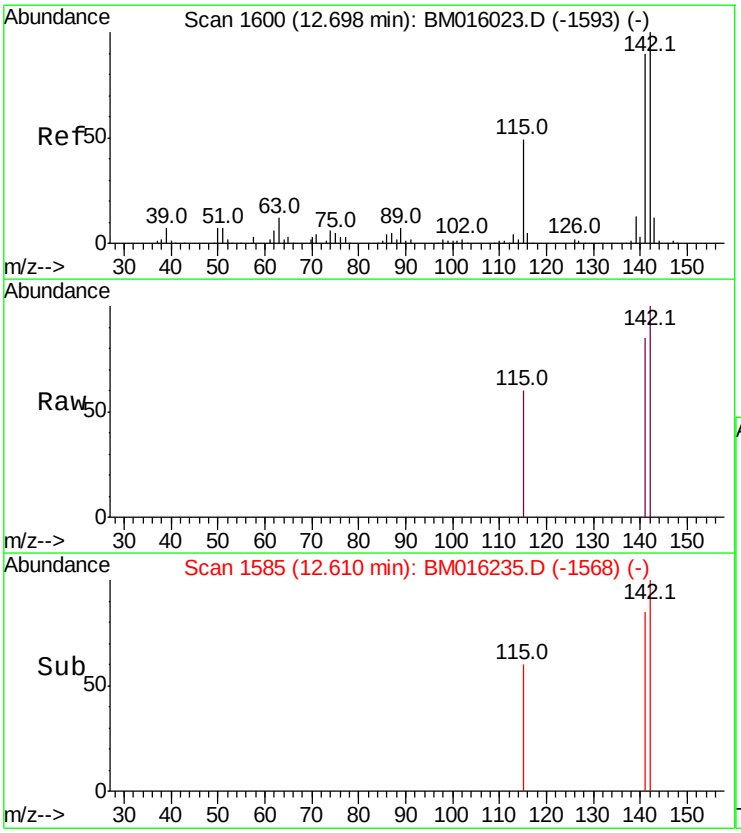
#31
Naphthalene
Concen: 0.130 ng
RT: 11.01 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1490

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	10.4	15.6#

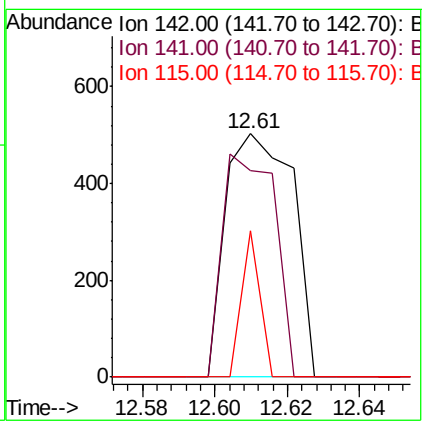


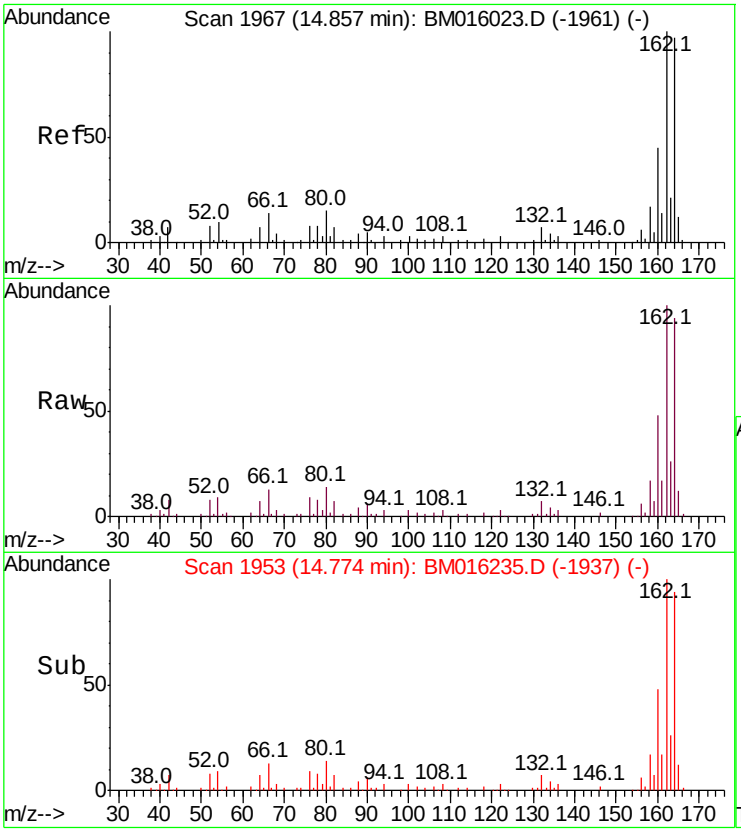


#37
2-Methylnaphthalene
Concen: 0.084 ng
RT: 12.61 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:142 Resp: 646

Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.9	107.9
115	60.2	25.4	38.0#



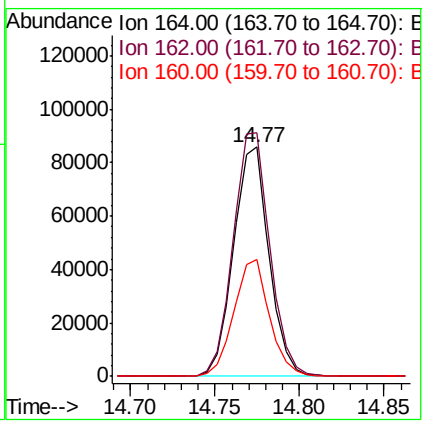


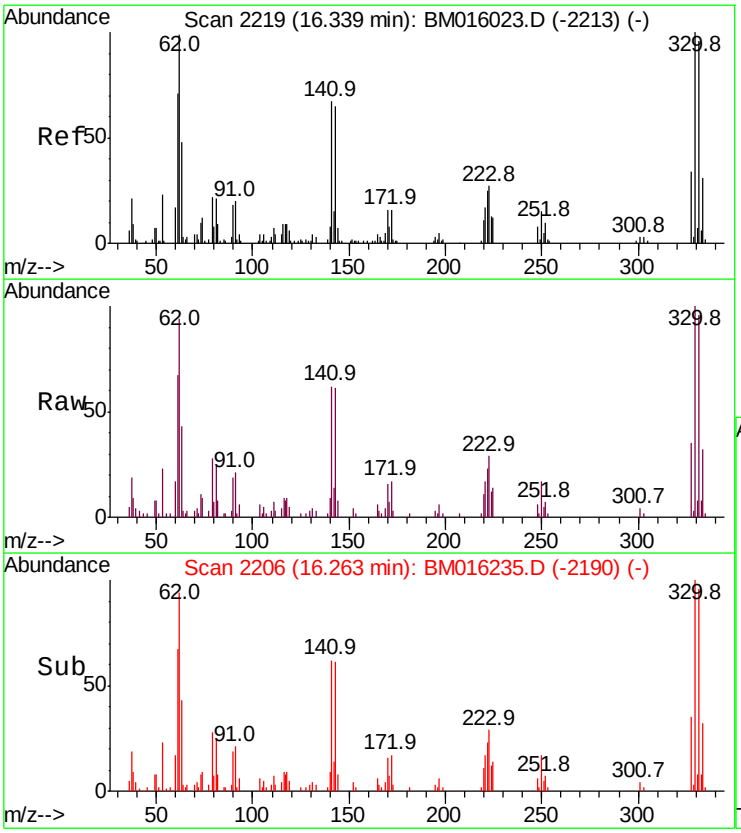
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 125261

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	51.3	35.8	53.6

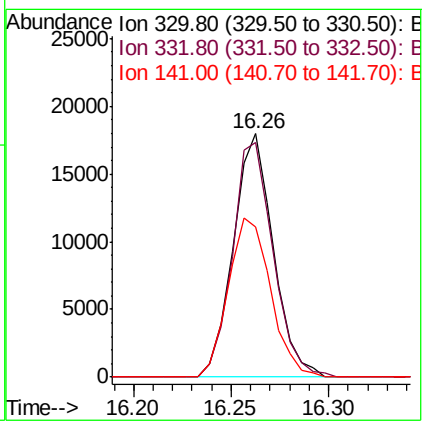


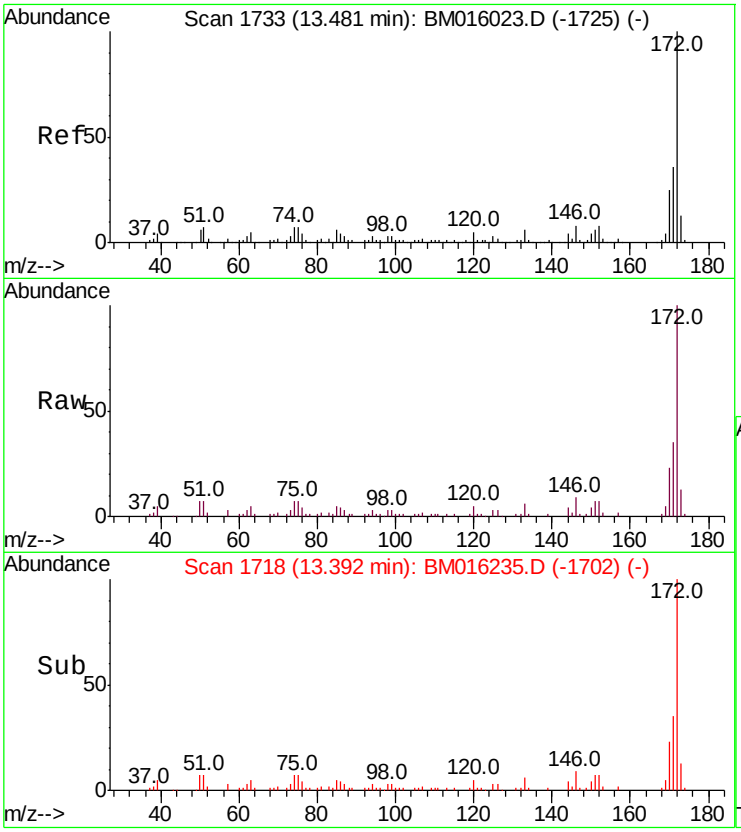


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:330 Resp: 25382

Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	69.7	0.0	0.0#



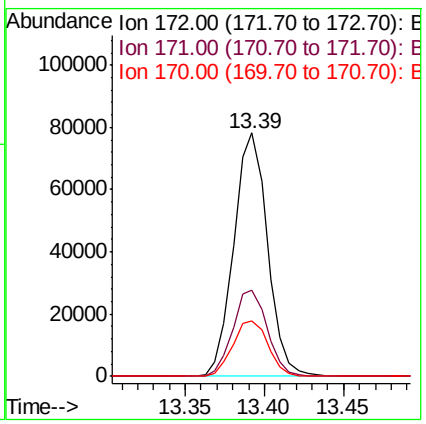


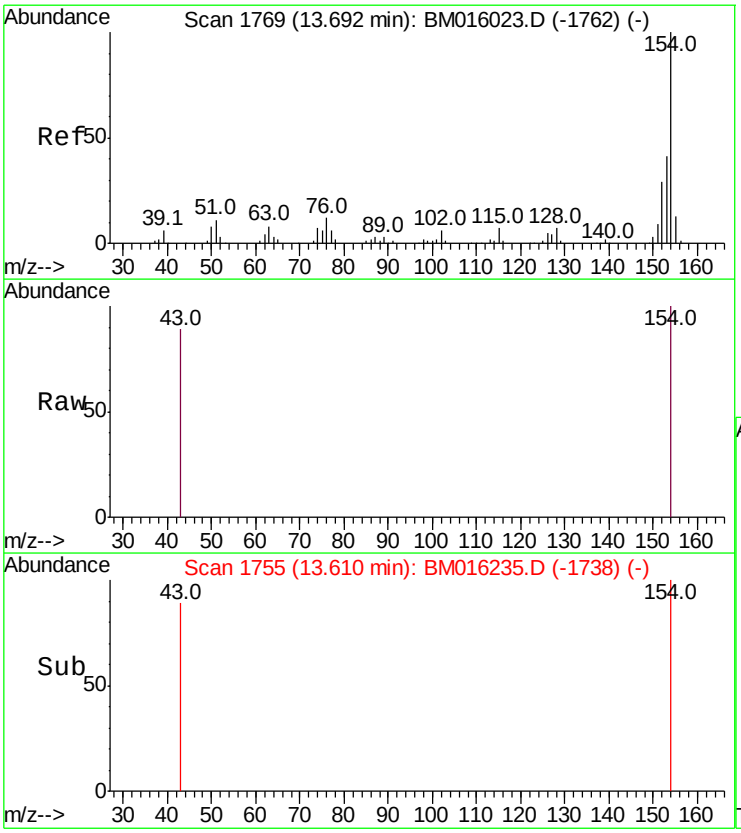
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 115315

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.0	18.8	28.2

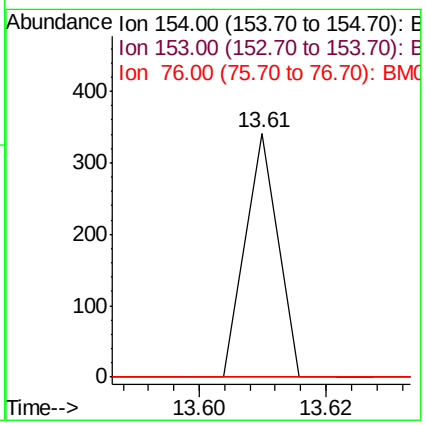


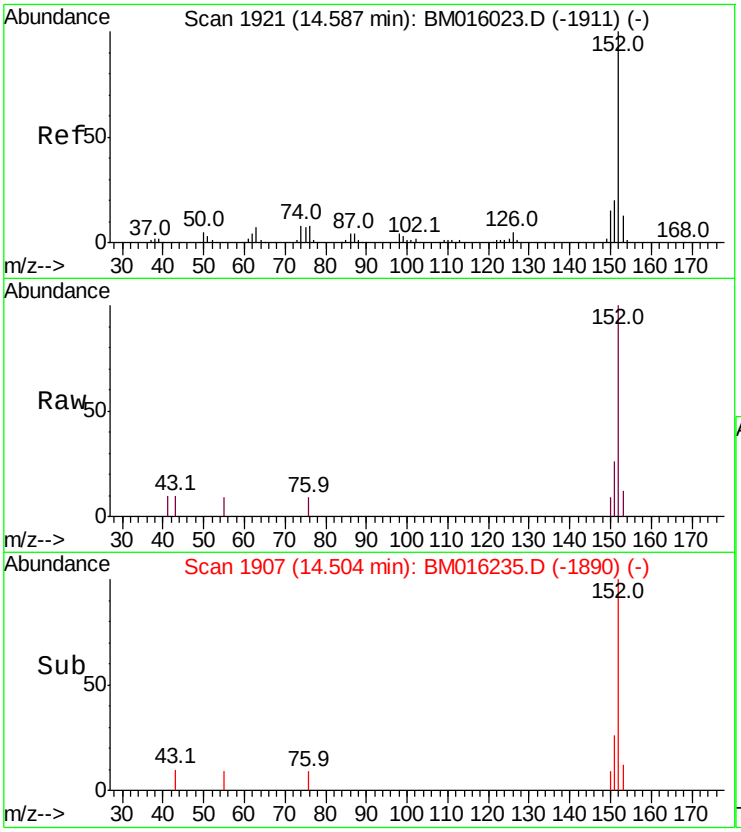


#45
1,1'-Biphenyl
Concen: 0.011 ng
RT: 13.61 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:154 Resp: 120

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



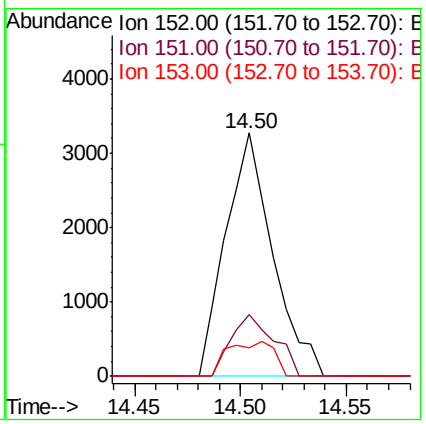


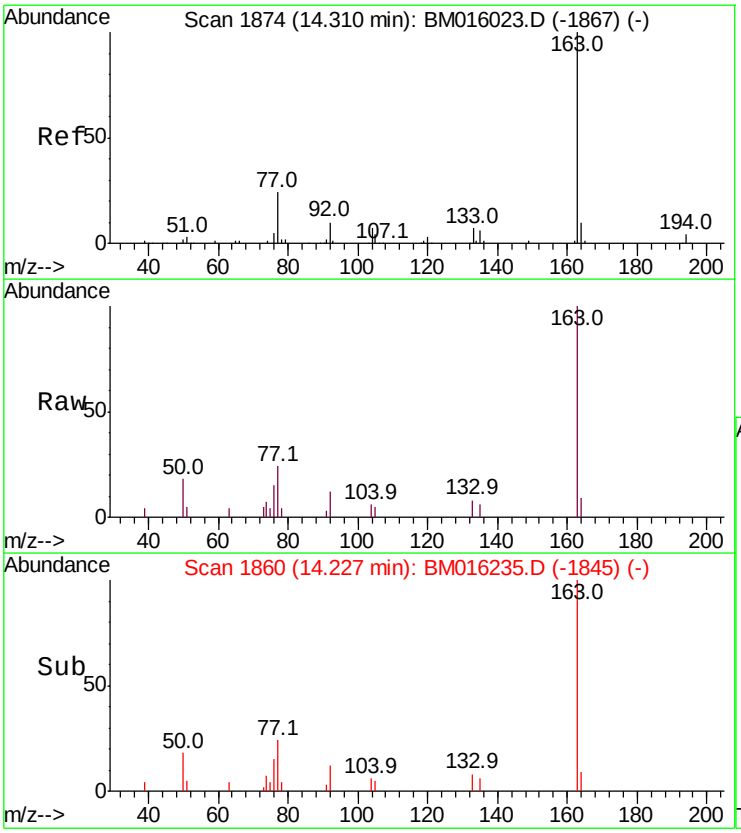
#48
Acenaphthylene
Concen: 0.392 ng
RT: 14.50 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 5048

Ion	Ratio	Lower	Upper
152	100		
151	25.6	15.9	23.9#
153	11.5	10.6	16.0

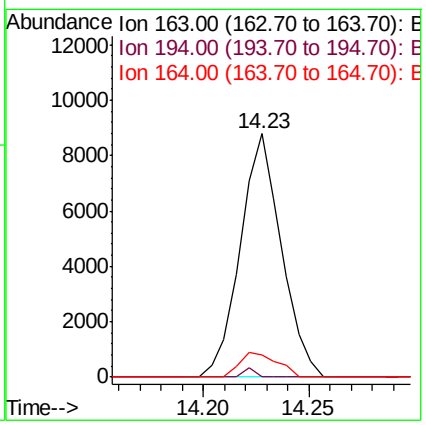


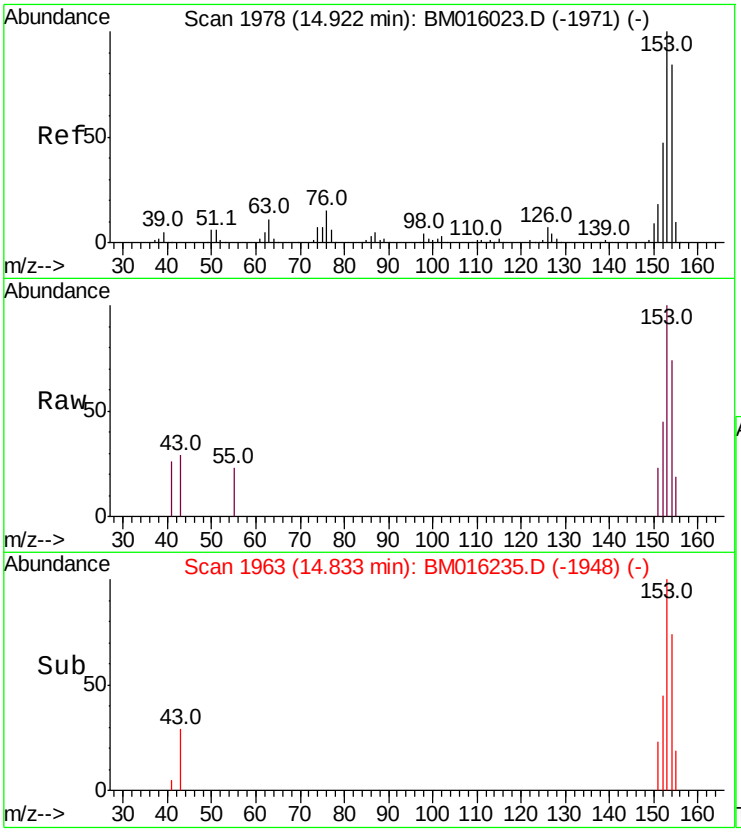


#49
Dimethylphthalate
Concen: 1.080 ng
RT: 14.23 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:163 Resp: 11840

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	9.1	8.2	12.2



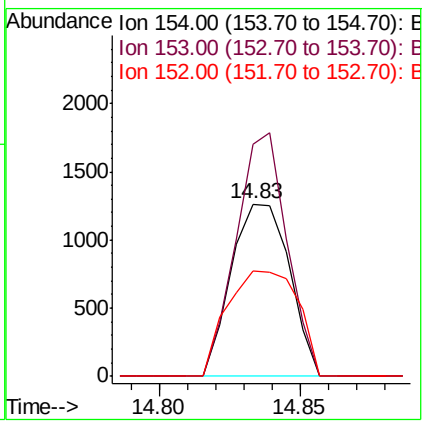


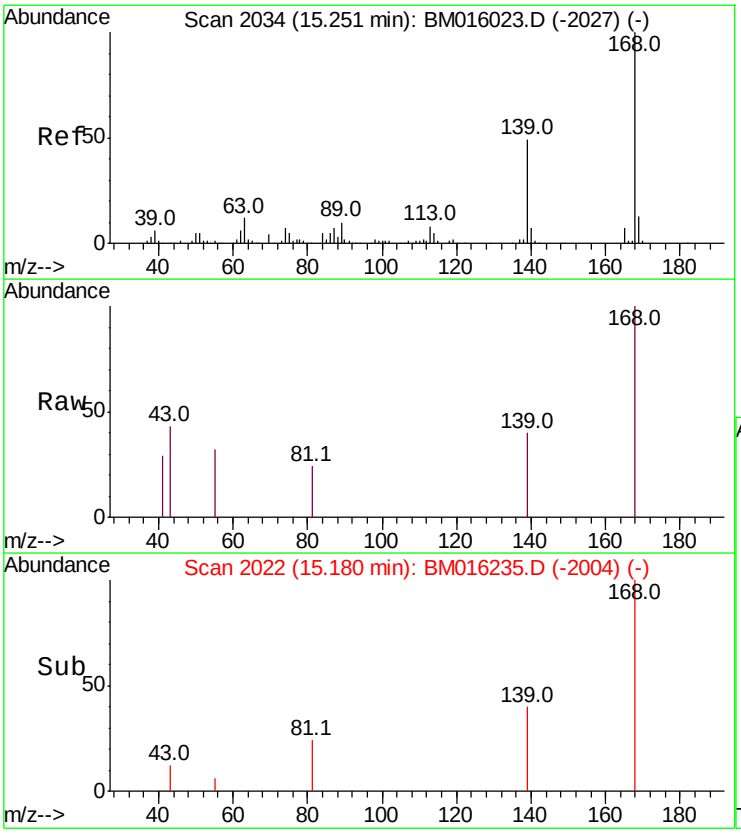
#51
Acenaphthene
Concen: 0.229 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 1811

Ion	Ratio	Lower	Upper
154	100		
153	134.9	90.0	135.0
152	61.2	42.6	63.8

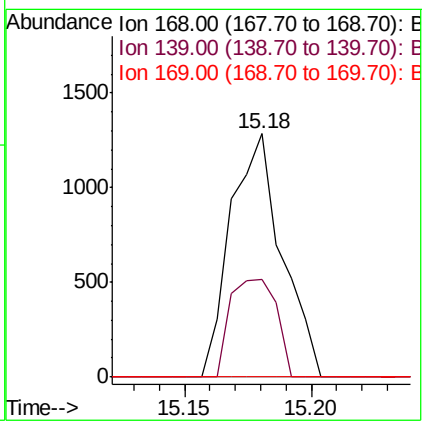


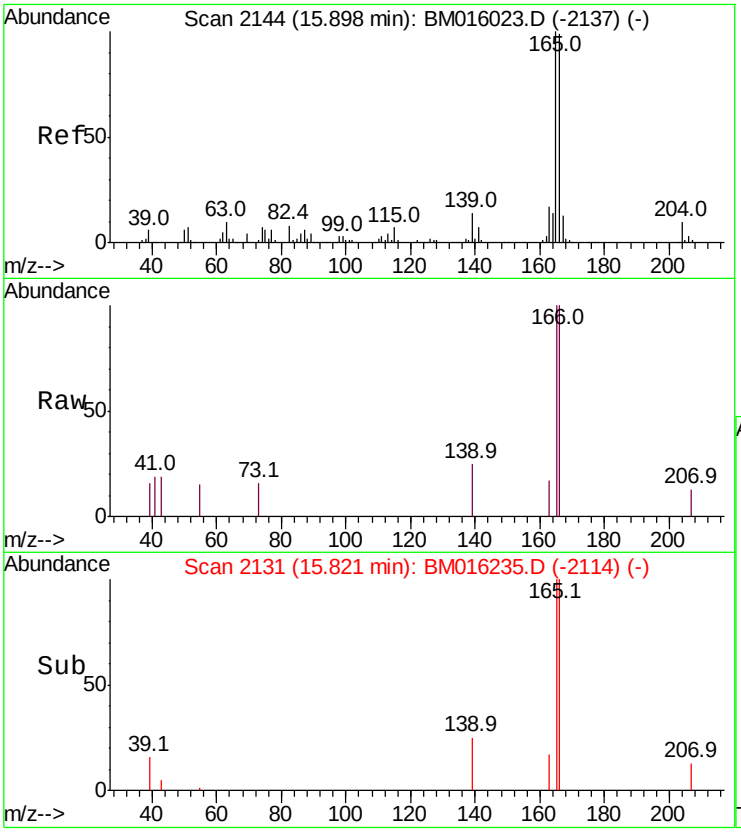


#54
Dibenzofuran
Concen: 0.139 ng
RT: 15.18 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:168 Resp: 1809

Ion	Ratio	Lower	Upper
168	100		
139	40.2	27.3	40.9
169	0.0	10.6	16.0#



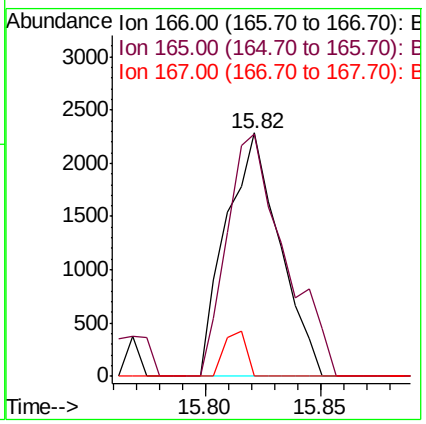


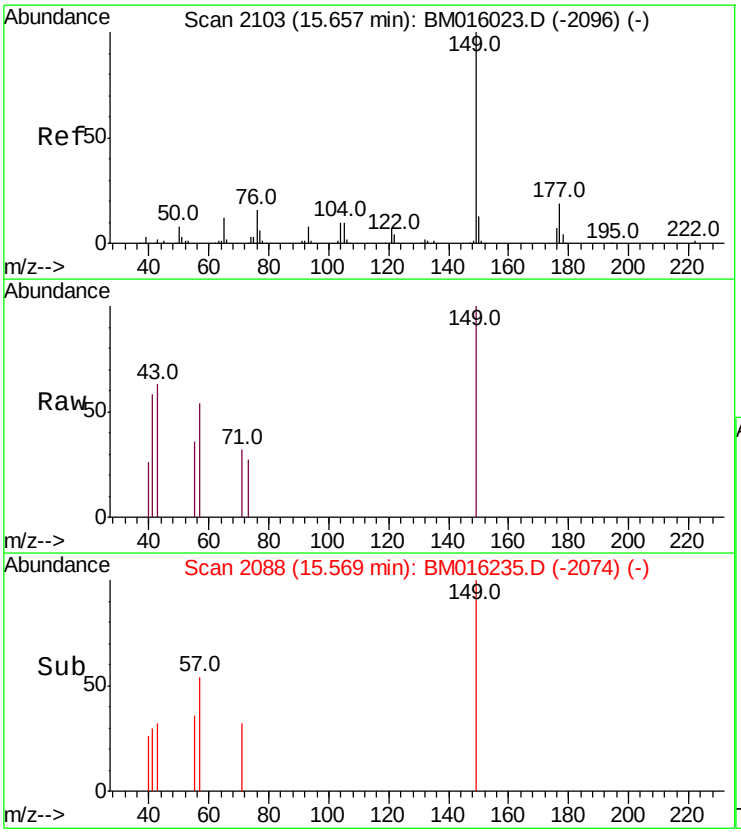
#57
Fluorene
Concen: 0.378 ng
RT: 15.82 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 3669

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.4
167	0.0	10.3	15.5#

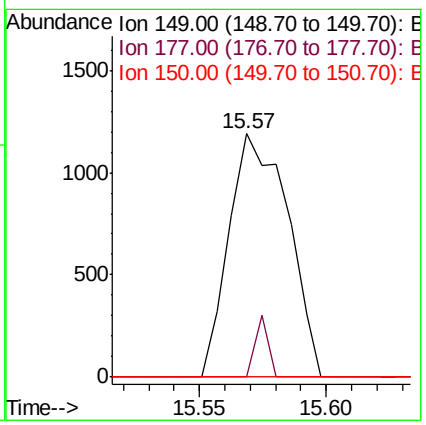


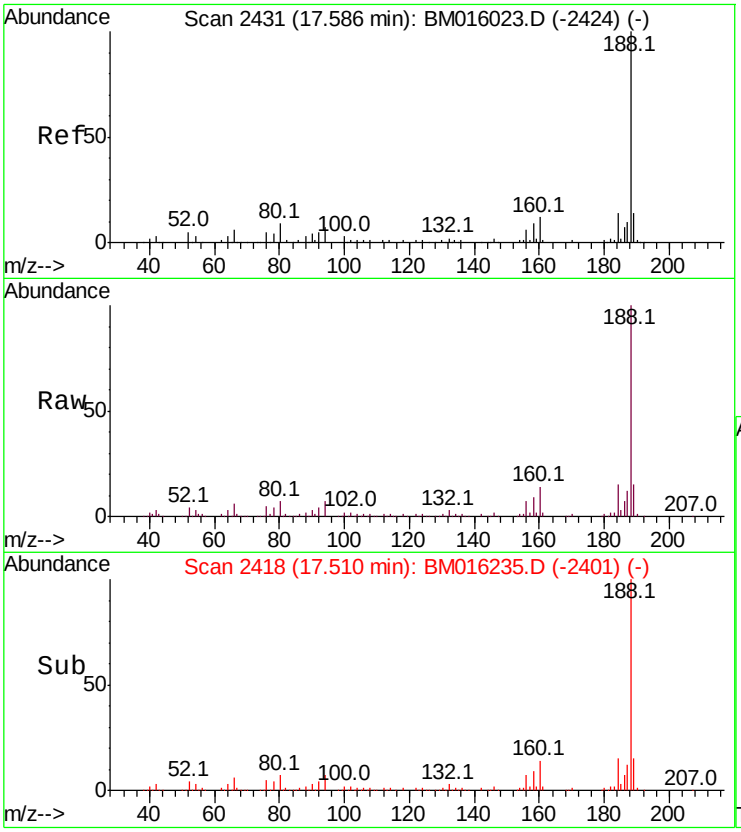


#59
Diethylphthalate
Concen: 0.163 ng
RT: 15.57 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:149 Resp: 1921

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	9.8	14.8#



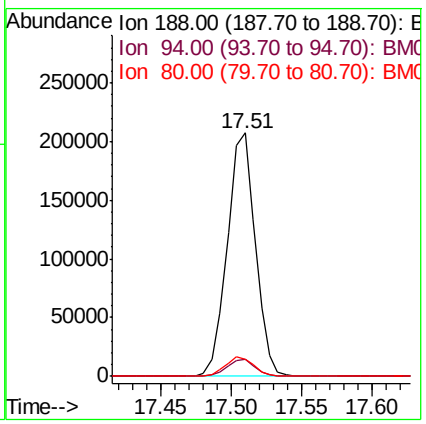


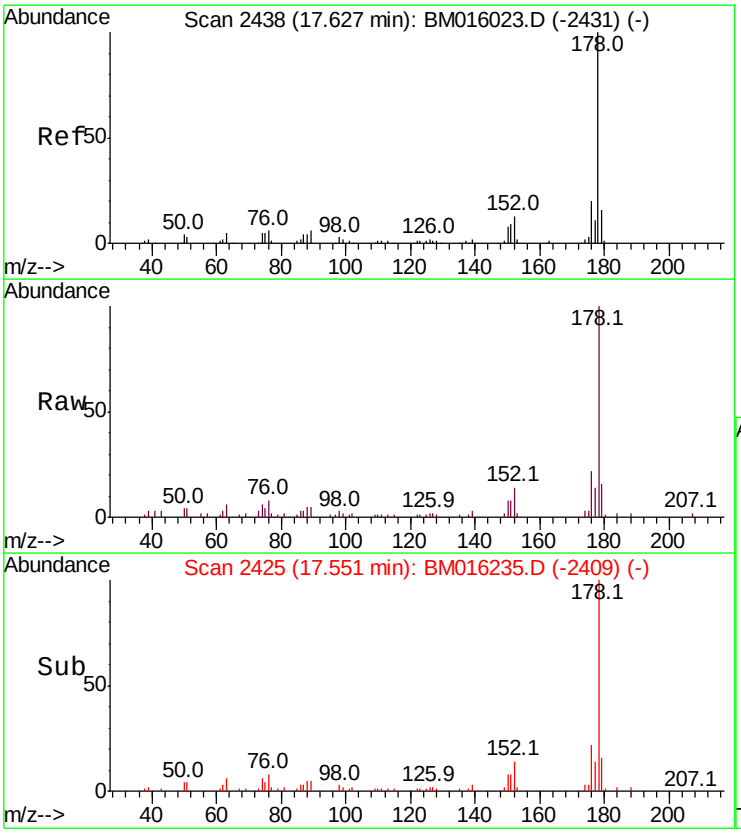
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 287505

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.7	13.1#
80	7.2	9.3	13.9#

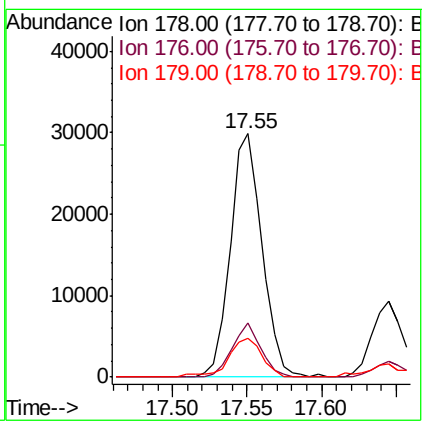


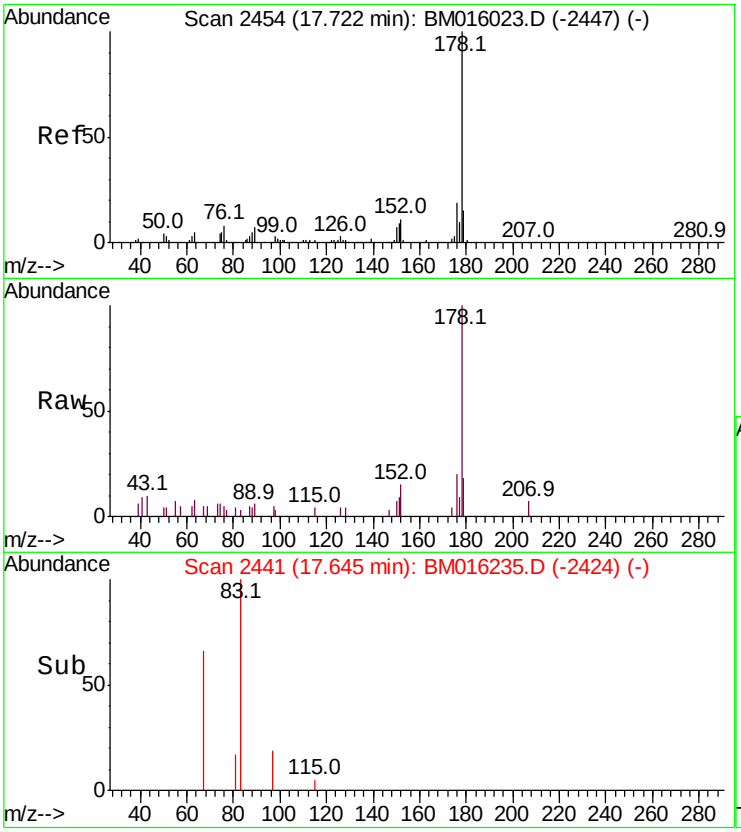


#70
Phenanthrene
Concen: 2.745 ng
RT: 17.55 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:178 Resp: 44183

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.2	22.8
179	15.9	12.1	18.1



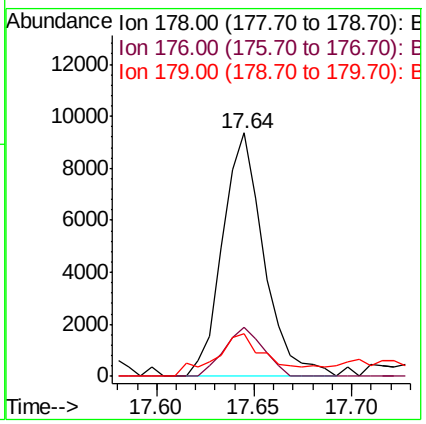


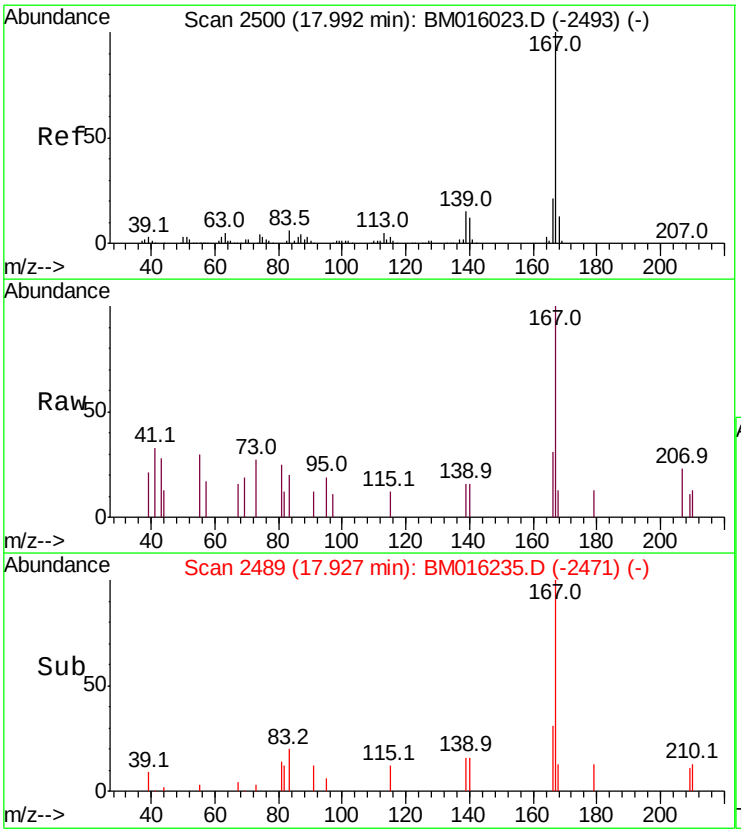
#71
Anthracene
Concen: 0.879 ng
RT: 17.64 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 13751

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.6	22.0
179	17.6	12.6	19.0

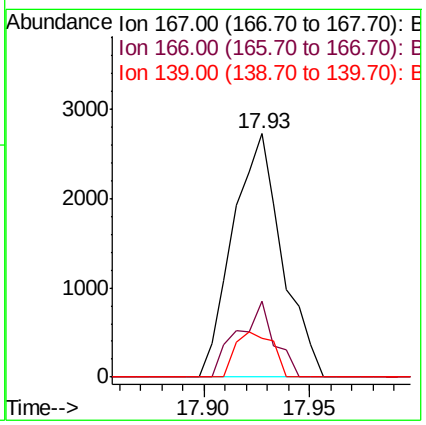


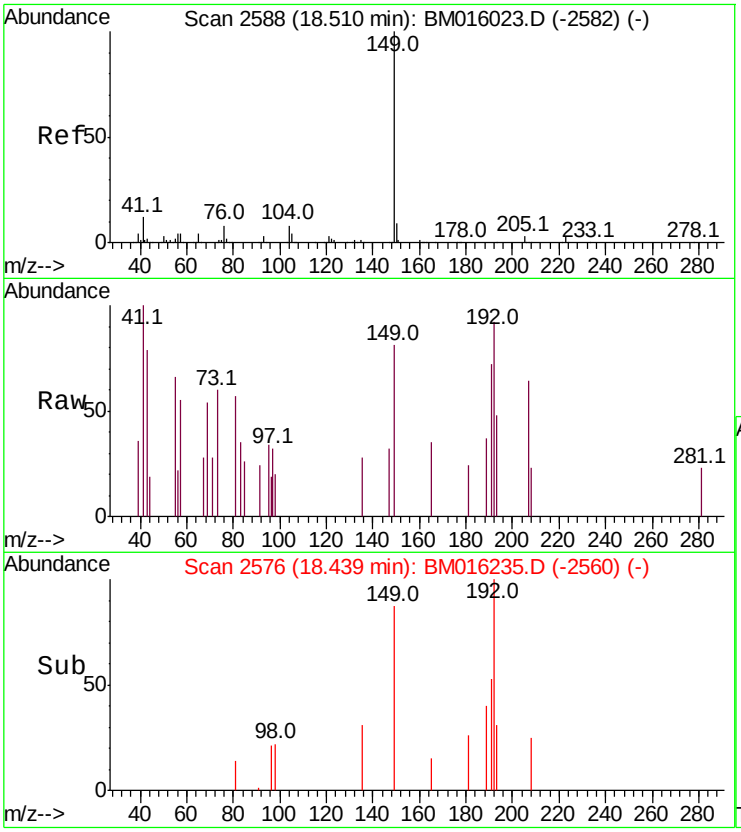


#72
Carbazole
Concen: 0.272 ng
RT: 17.93 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:167 Resp: 4415

Ion	Ratio	Lower	Upper
167	100		
166	31.1	17.2	25.8#
139	16.2	10.8	16.2



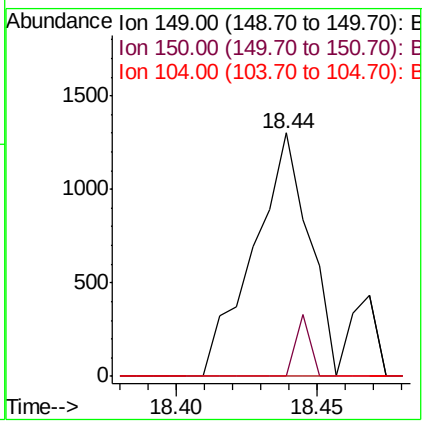


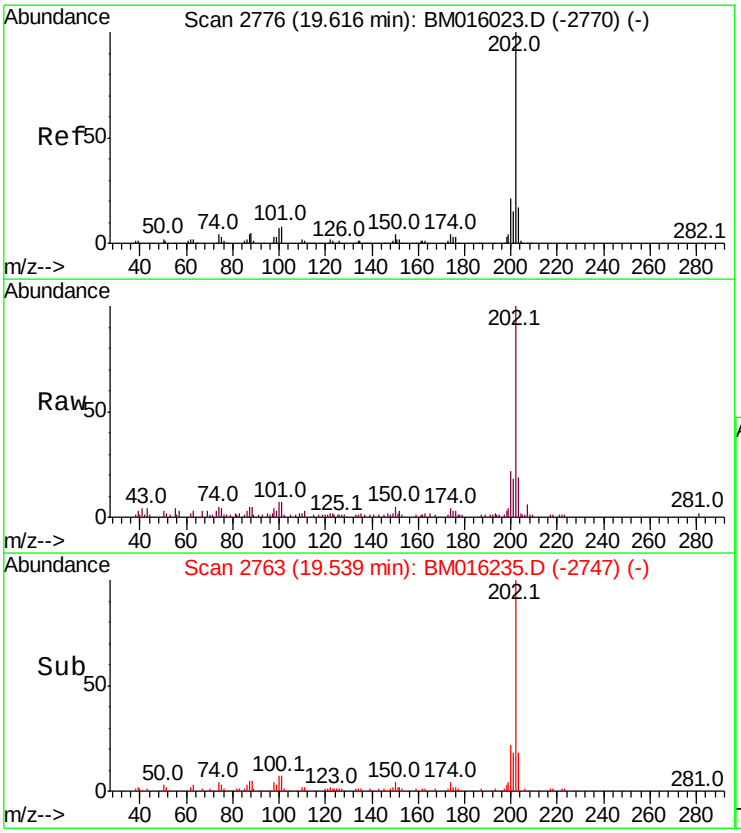
#73
Di-n-butylphthalate
Concen: 0.087 ng
RT: 18.44 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1767

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

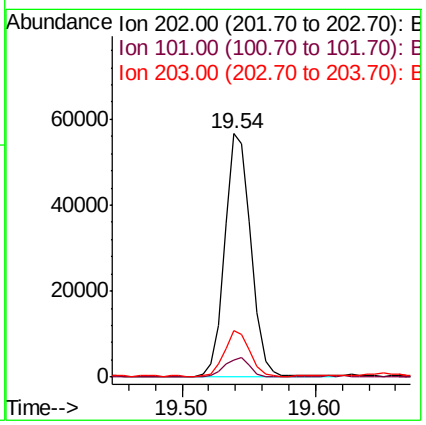


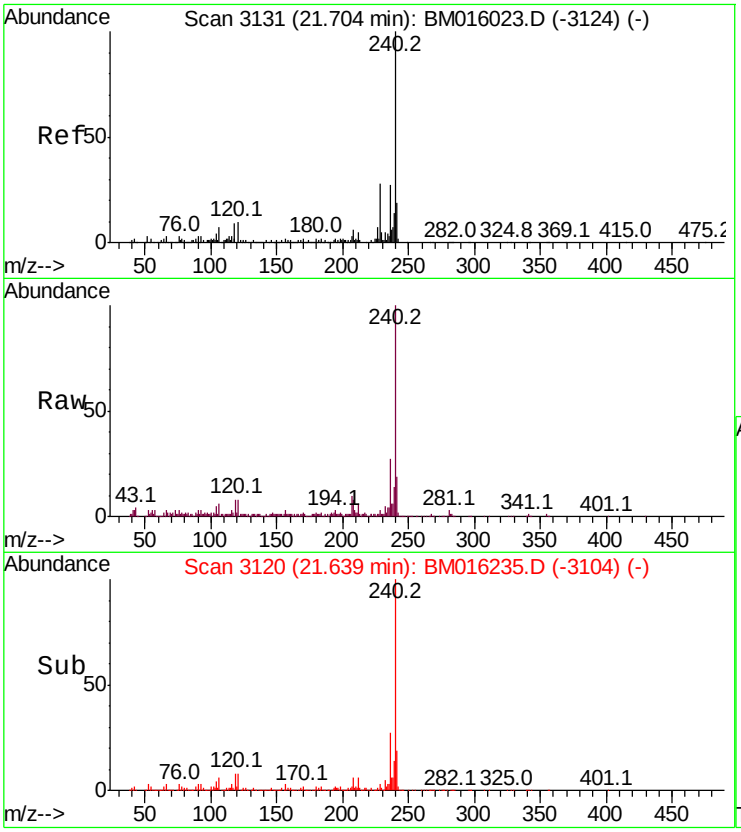


#74
Fluoranthene
Concen: 4.370 ng
RT: 19.54 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:202 Resp: 78458

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	28.7
203	19.2	0.0	37.2



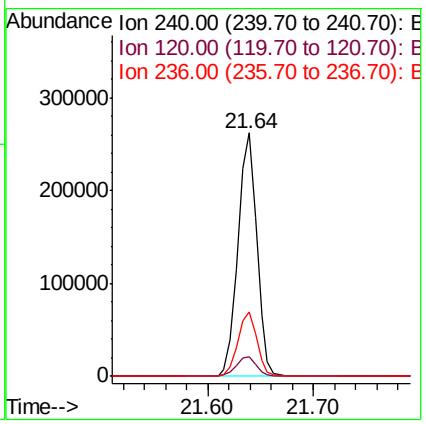


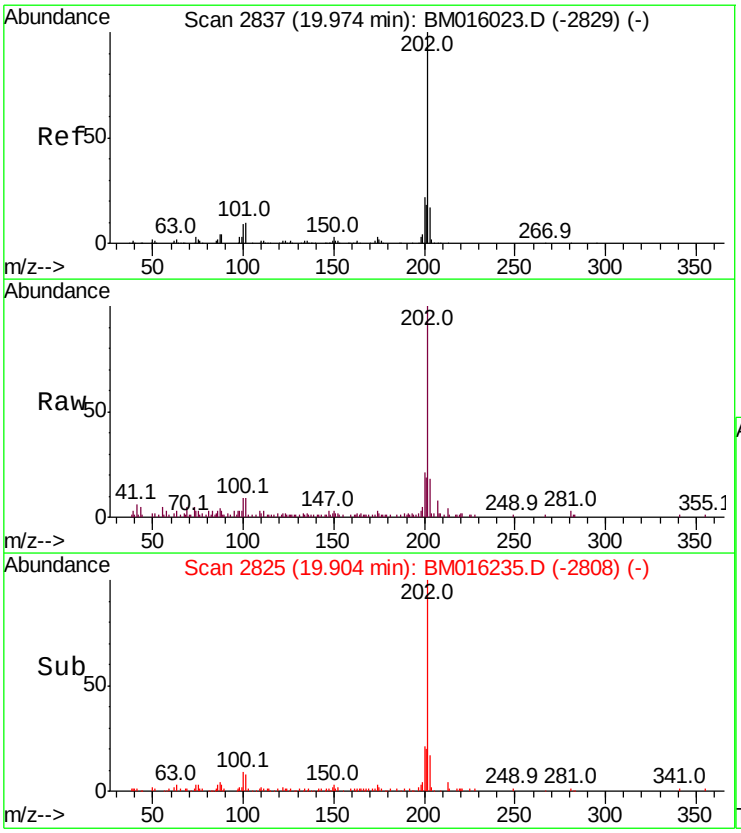
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 321640

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	26.7	20.0	30.0

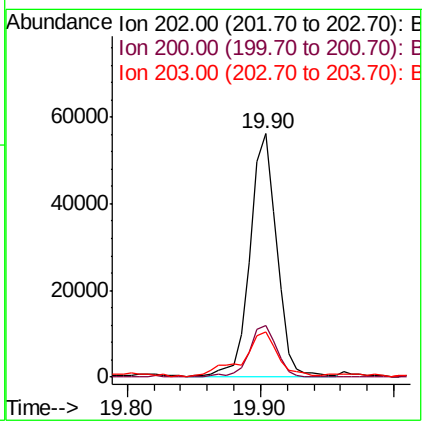


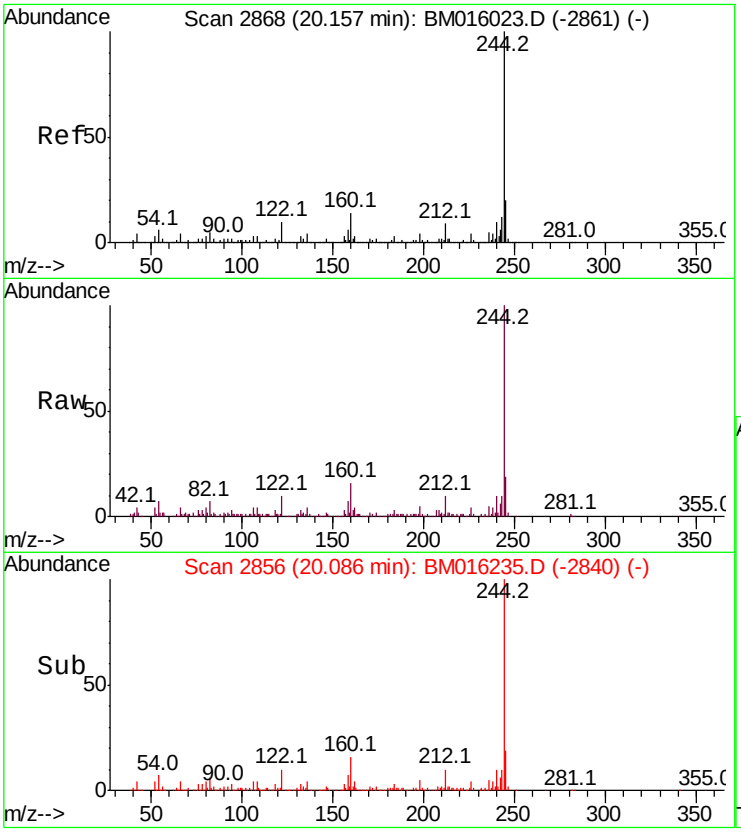


#77
Pyrene
Concen: 4.008 ng
RT: 19.90 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:202 Resp: 77250

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.5	14.1	21.1



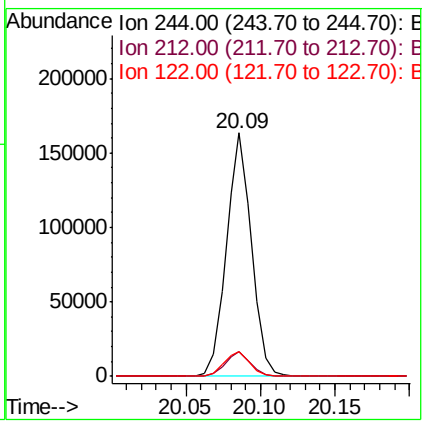


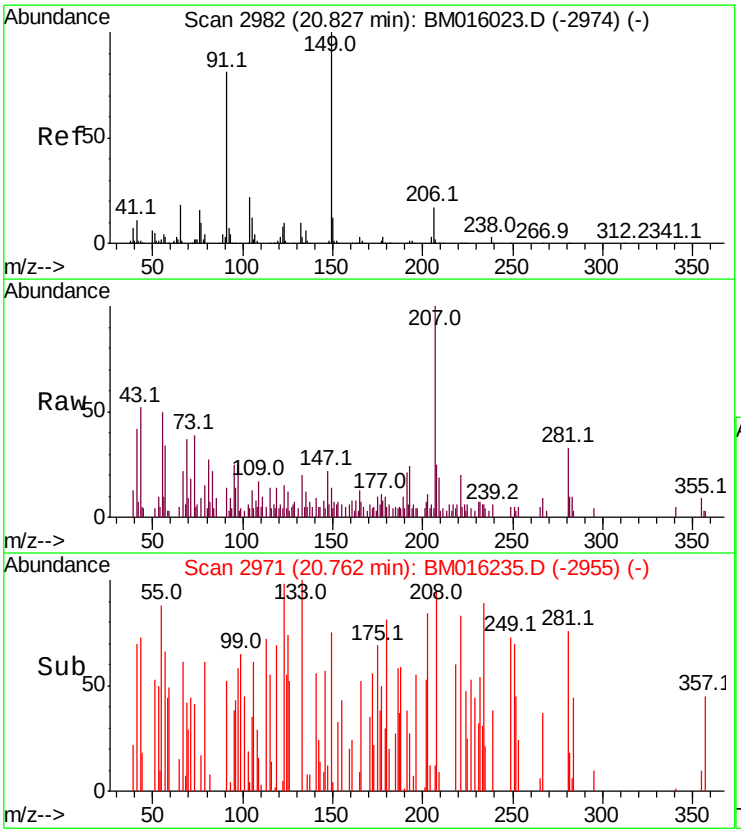
#78
Terphenyl-d14
Concen: 4.008 ng
RT: 20.09 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 192088

Ion	Ratio	Lower	Upper
244	100		
212	10.0	4.9	7.3#
122	9.9	6.2	9.4#

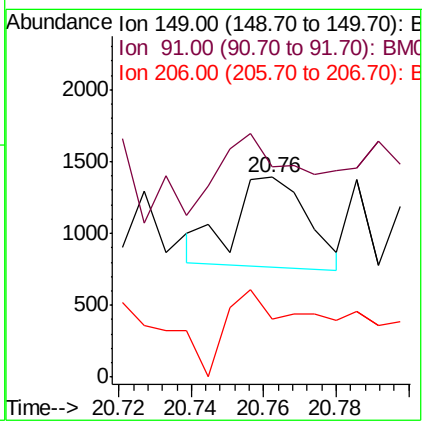


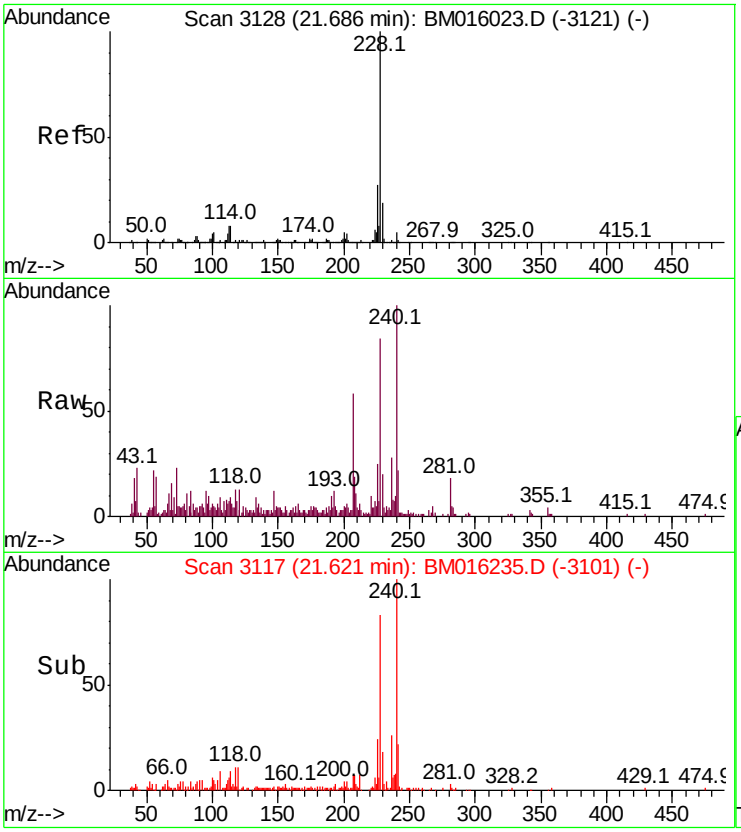


#79
Butylbenzylphthalate
Concen: 0.089 ng
RT: 20.76 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:149 Resp: 876

Ion	Ratio	Lower	Upper
149	100		
91	104.9	50.1	75.1#
206	29.3	16.2	24.2#



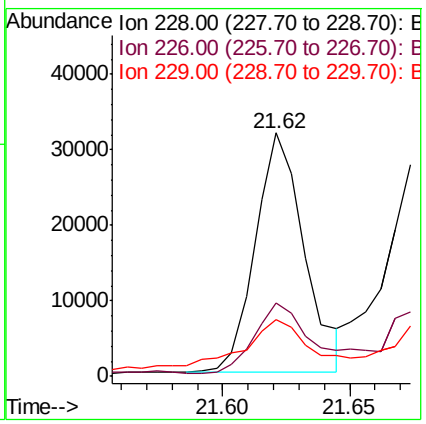


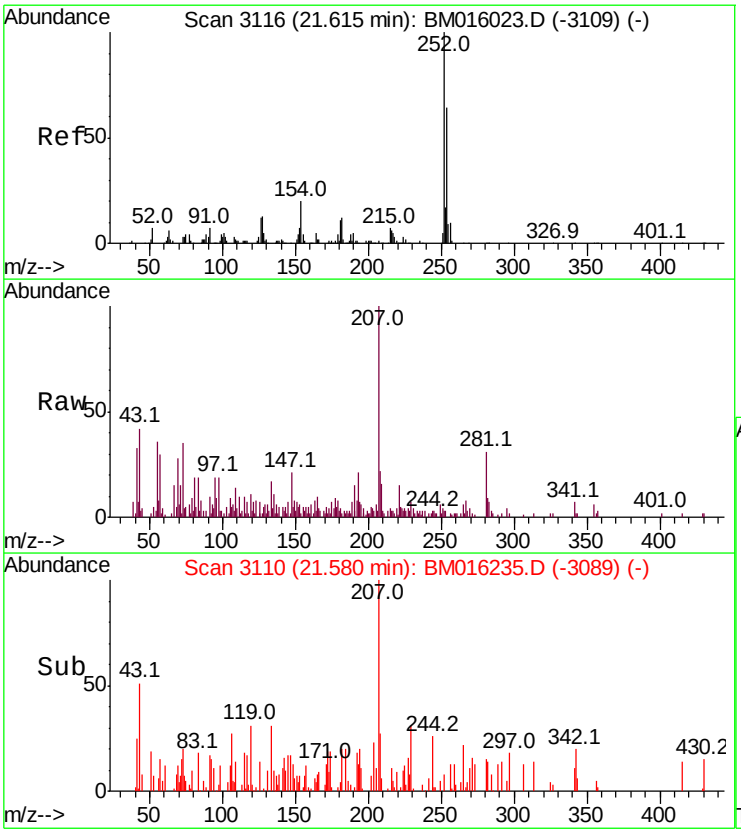
#80
Benzo(a)anthracene
Concen: 2.163 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 42857

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.7	32.5
229	23.5	16.0	24.0

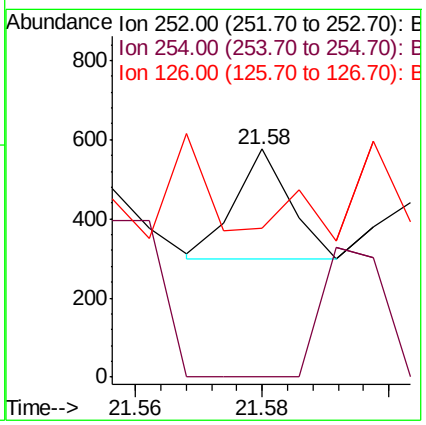


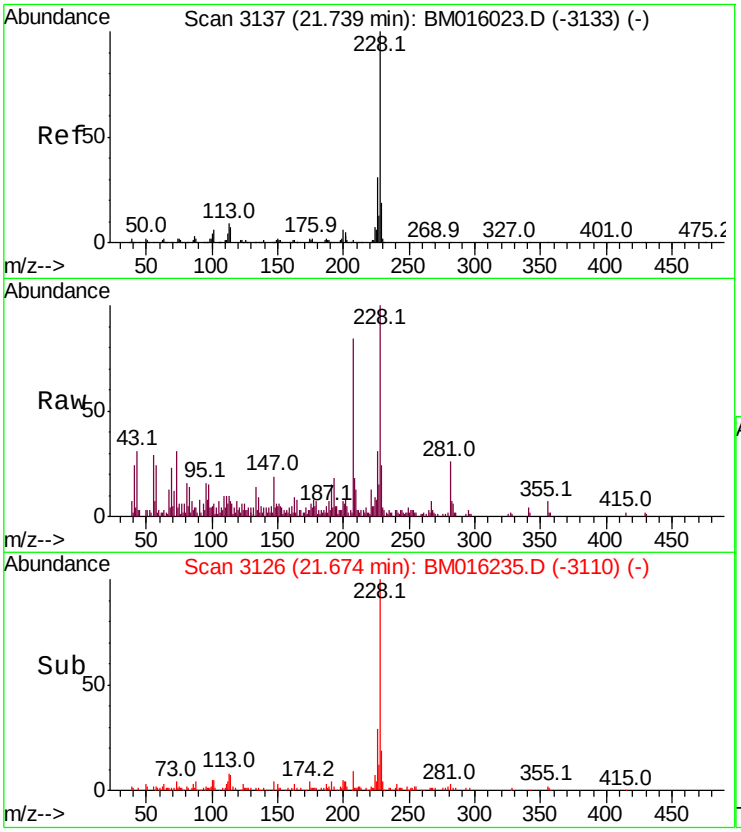


#81
3,3'-Dichlorobenzidine
Concen: 0.021 ng
RT: 21.58 min Scan# 3110
Delta R.T. 0.02 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:252 Resp: 164

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	65.3	9.8	14.8#



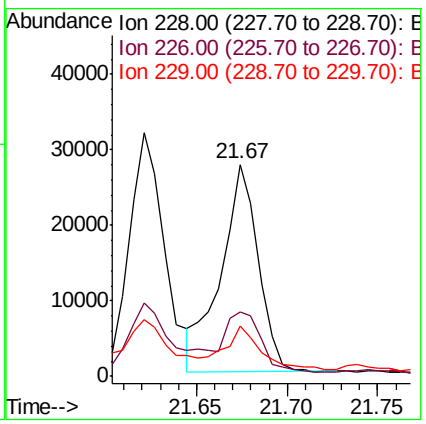


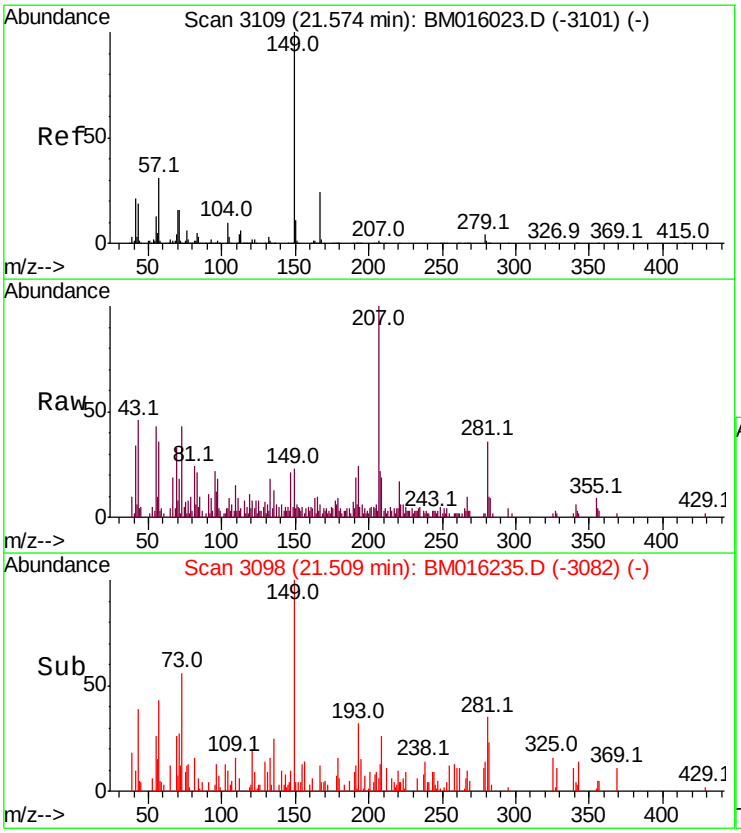
#82
Chrysene
Concen: 2.075 ng
RT: 21.67 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 39436

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	23.9	15.5	23.3#

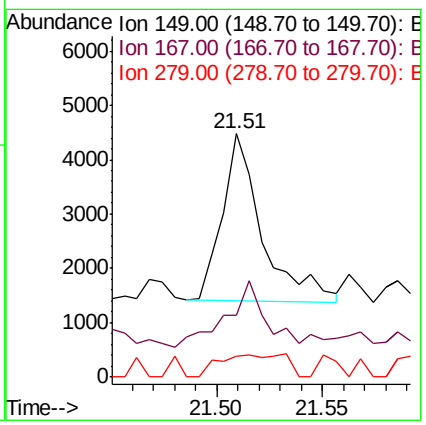


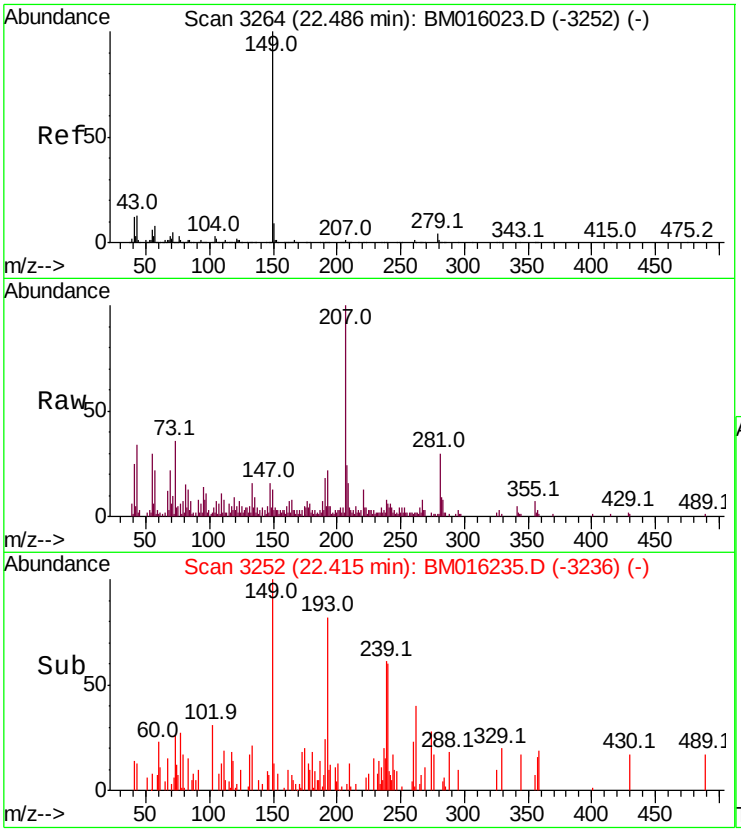


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.283 ng
RT: 21.51 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:149 Resp: 4014

Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	8.8	3.4	5.0#



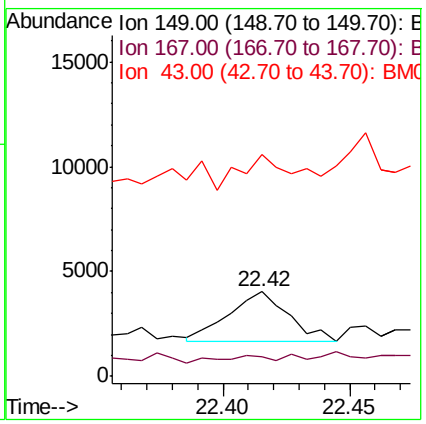


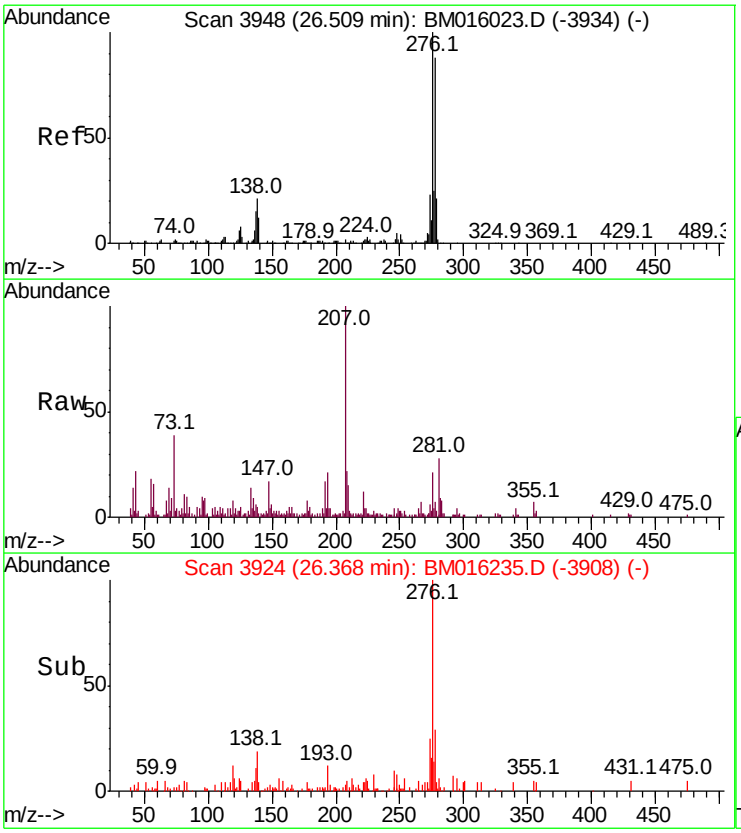
#84
Di-n-octyl phthalate
Concen: 0.161 ng
RT: 22.42 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 3829

Ion	Ratio	Lower	Upper
149	100		
167	12.3	1.2	1.8#
43	51.1	7.3	10.9#

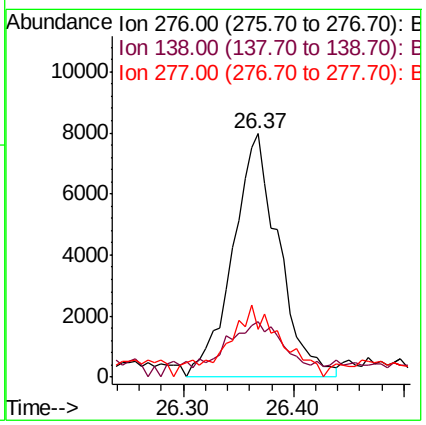


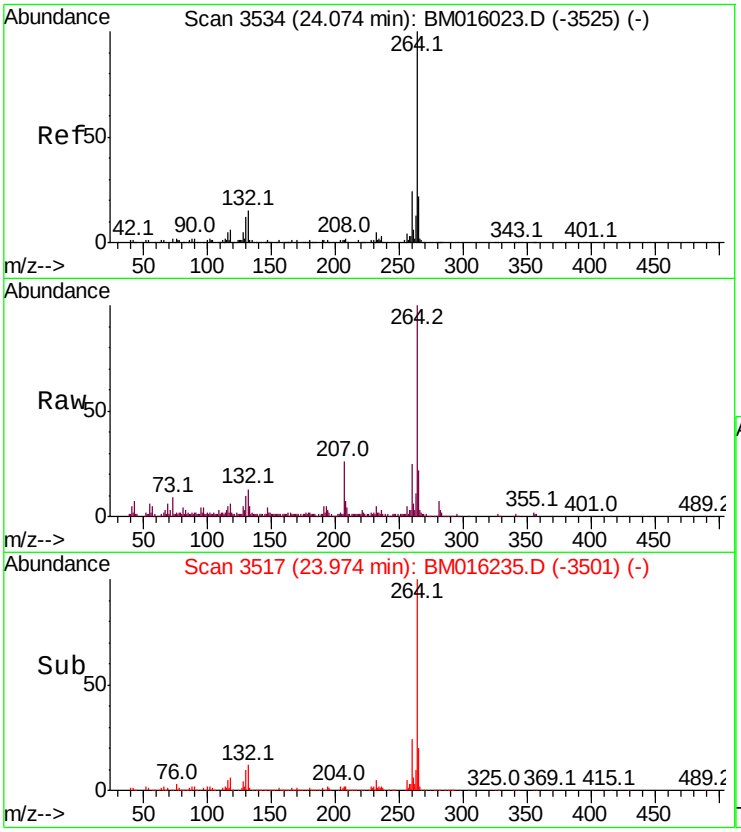


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.032 ng
RT: 26.37 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:276 Resp: 23279

Ion	Ratio	Lower	Upper
276	100		
138	24.6	12.0	18.0#
277	31.7	20.0	30.0#



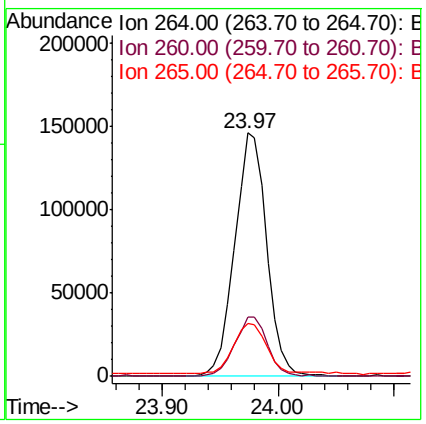


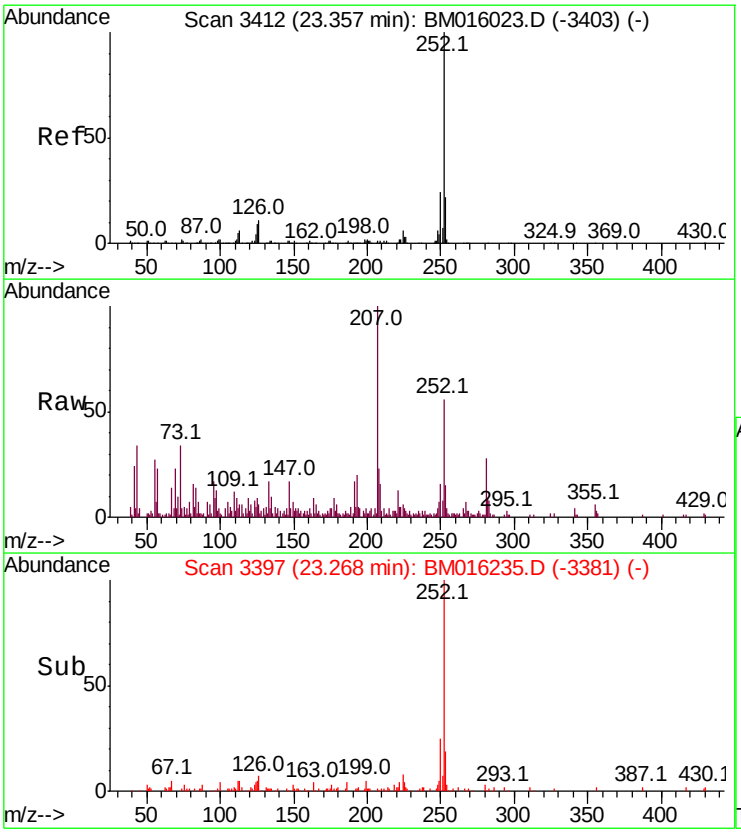
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 281040

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.7	17.3	25.9

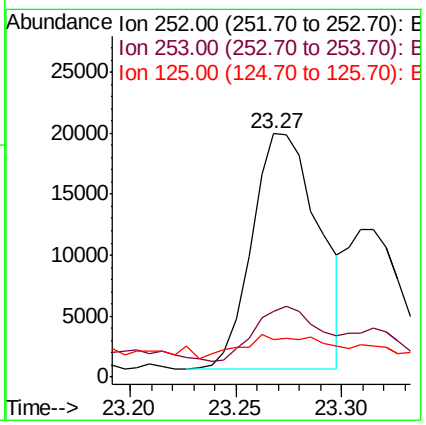


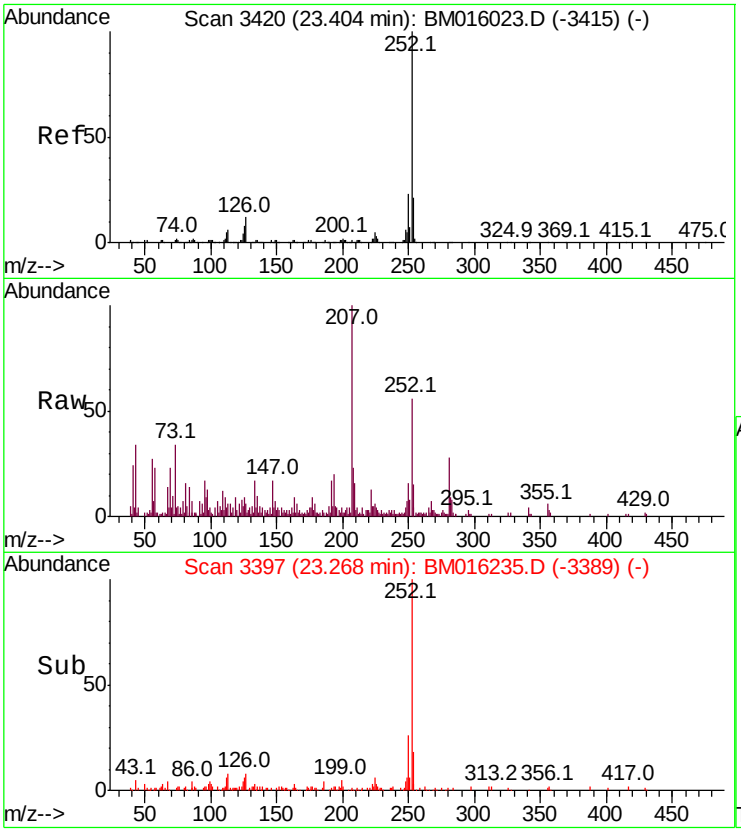


#87
Benzo(b)fluoranthene
Concen: 2.581 ng
RT: 23.27 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:252 Resp: 42715

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0#
125	15.2	9.9	14.9#



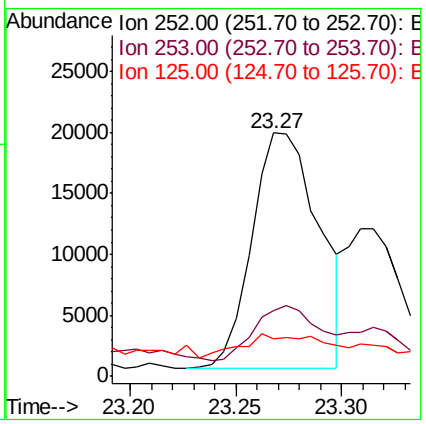


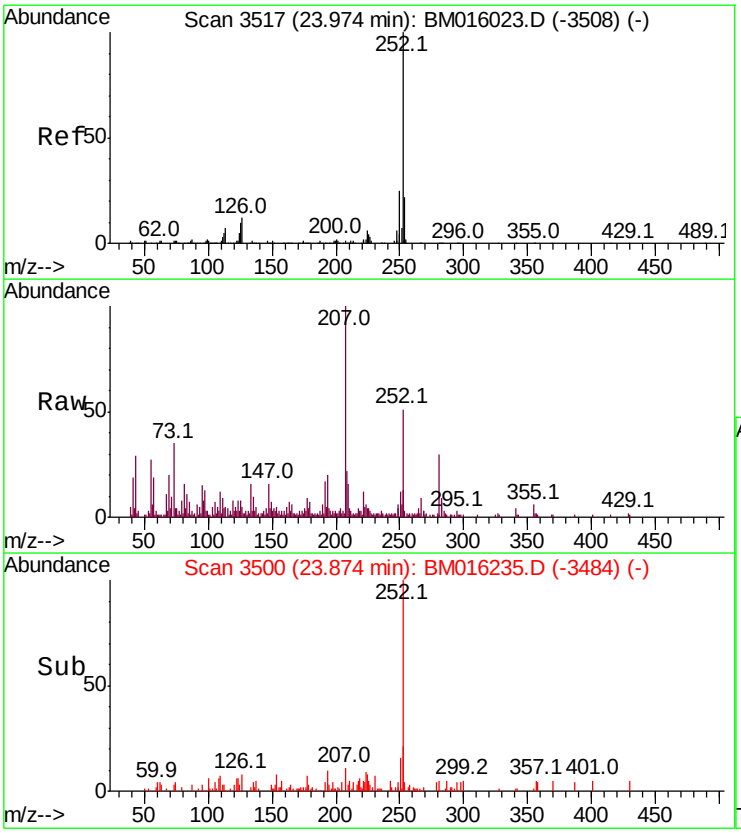
#88
Benzo(k)fluoranthene
Concen: 2.547 ng
RT: 23.27 min Scan# 3397
Delta R.T. -0.05 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 42715

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.2	25.8#
125	15.2	8.1	12.1#

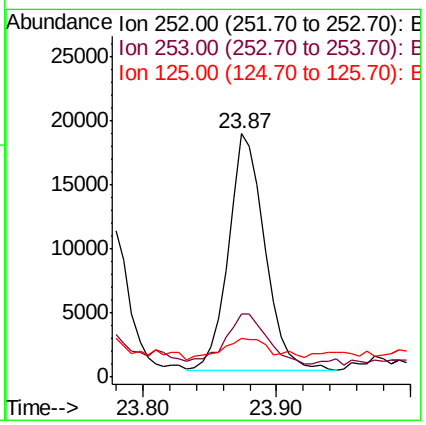


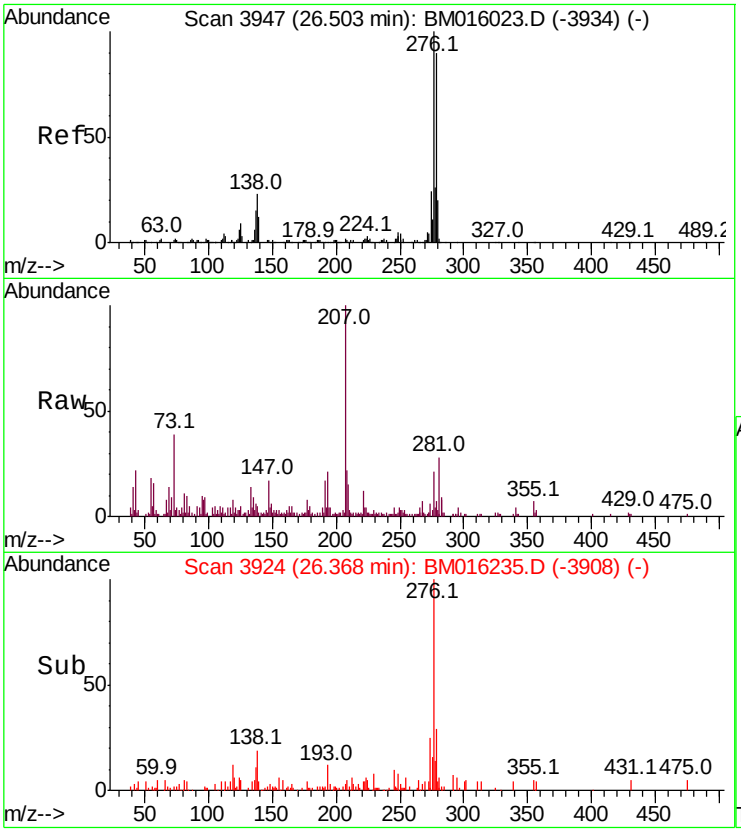


#89
Benzo(a)pyrene
Concen: 2.185 ng
RT: 23.87 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:252 Resp: 34759

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.6	26.4
125	15.9	7.4	11.2#



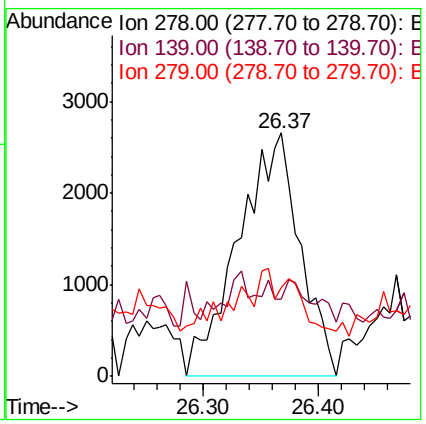


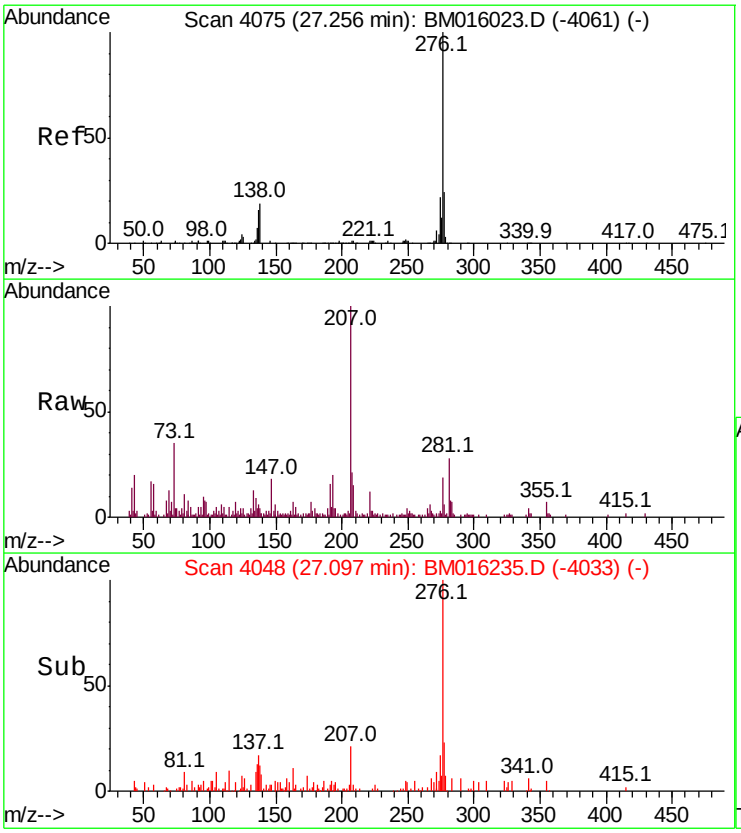
#90
Dibenzo(a,h)anthracene
Concen: 0.599 ng
RT: 26.37 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 9867

Ion	Ratio	Lower	Upper
278	100		
139	31.7	13.4	20.0#
279	36.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 1.558 ng
RT: 27.10 min Scan# 4048
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:276 Resp: 24281

Ion	Ratio	Lower	Upper
276	100		
277	28.7	18.5	27.7#
138	19.3	19.0	28.6