Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
Data File : BM016255.D
Acq On : 08 Aug 2018 18:18
Operator : SJ/JU
Sample : J4313-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C-12

Quant Time: Aug 09 01:40:16 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 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44878	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	161050	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	75003	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	143816	20.00	ng		0.00
75) Chrysene-d12	21.64	240	156475	20.00	ng		0.00
86) Perylene-d12	23.97	264	174928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	258084	95.53	ng		0.00
7) Phenol-d6	7.30	99	310545	88.02	ng		0.00
23) Nitrobenzene-d5	9.32	82	225763	65.20	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	80543	84.67	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	403634	65.48	ng		0.00
78) Terphenyl-d14	20.09	244	490127	65.57	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.23	163	26258	4.000	ng		99
70) Phenanthrene	17.55	178	190051	23.604	ng		97
71) Anthracene	17.64	178	38554	4.927	ng		98
72) Carbazole	17.92	167	19260	2.376	ng		95
74) Fluoranthene	19.55	202	313278	34.881	ng		99
77) Pyrene	19.90	202	260497	27.780	ng		98
80) Benzo(a)anthracene	21.62	228	158868	16.484	ng		99
82) Chrysene	21.67	228	137322	14.854	ng		95
85) Indeno(1,2,3-cd)pyrene	26.36	276	95202	8.678	ng	#	96
87) Benzo(b)fluoranthene	23.27	252	261629	25.402	ng	#	96
88) Benzo(k)fluoranthene	23.27	252	261398	25.043	ng		97
89) Benzo(a)pyrene	23.87	252	137087	13.846	ng		96
90) Dibenzo(a,h)anthracene	26.36	278	29366	2.863	ng	#	85
91) Benzo(g,h,i)perylene	27.10	276	89892	9.265	ng	#	92

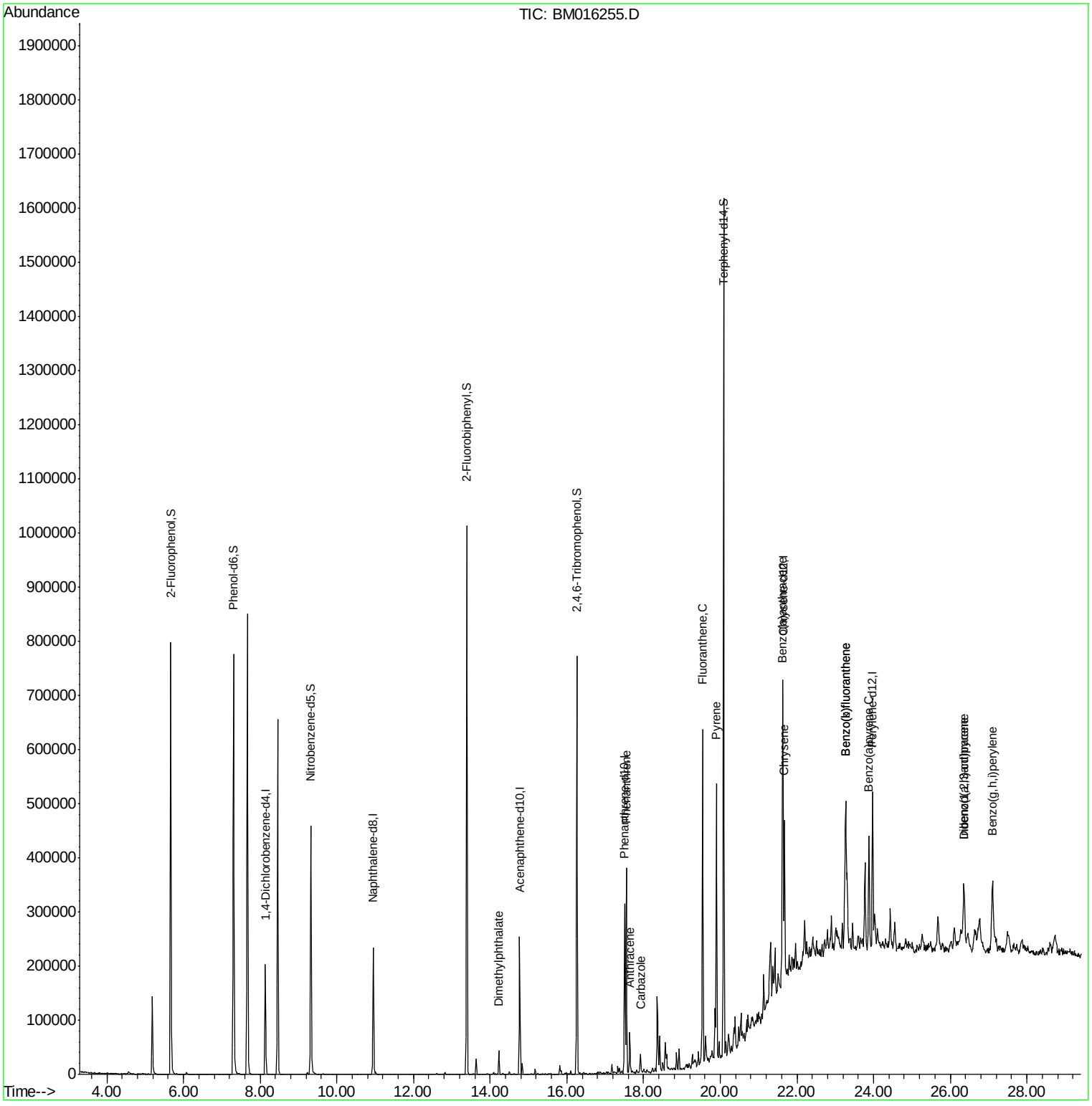
(#) = qualifier out of range (m) = manual integration (+) = signals summed

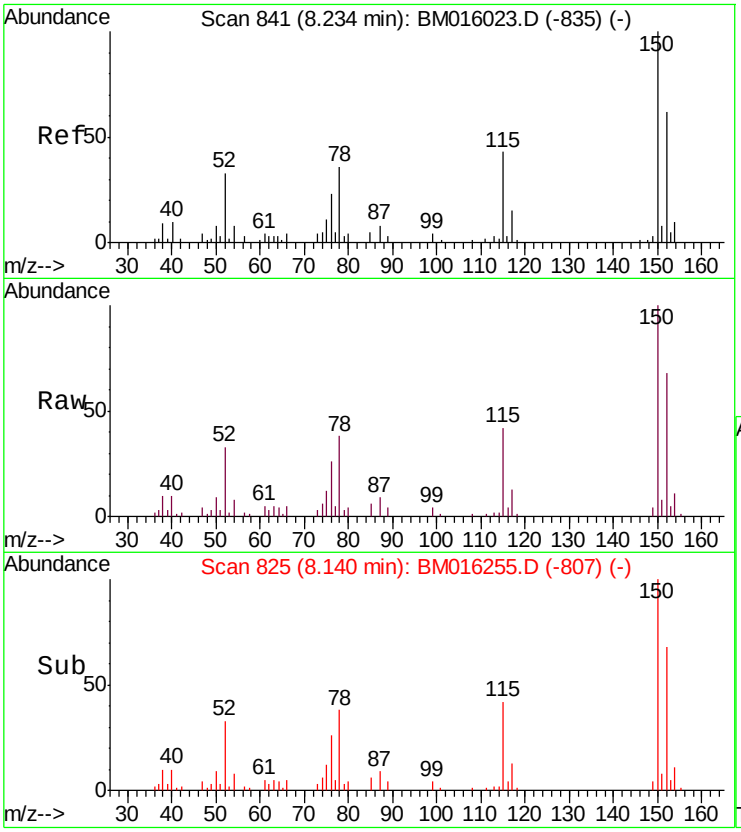
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
Data File : BM016255.D
Acq On : 08 Aug 2018 18:18
Operator : SJ/JU
Sample : J4313-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12

Quant Time: Aug 09 01:40:16 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 08 16:23:37 2018
Response via : Initial Calibration



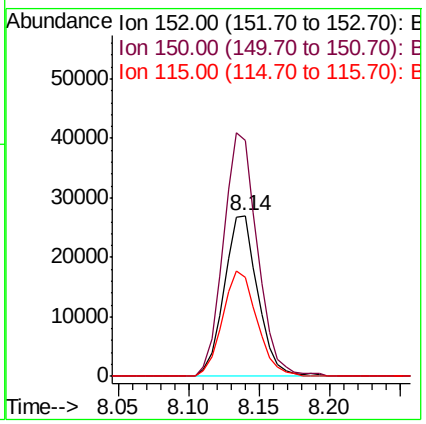


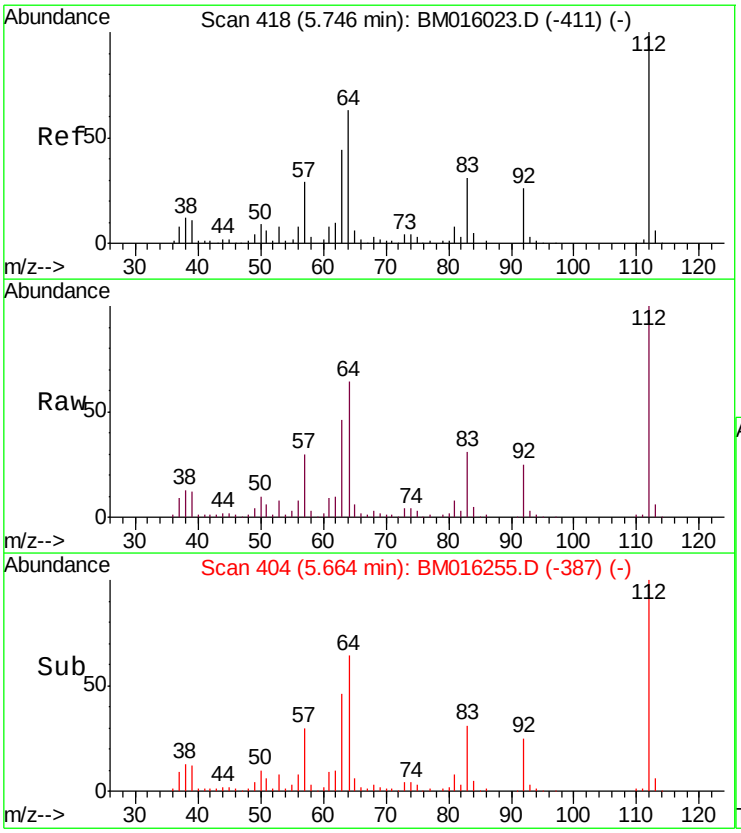
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. 0.01 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:152 Resp: 44878

Ion	Ratio	Lower	Upper
152	100		
150	146.4	119.5	179.3
115	61.7	43.0	64.4

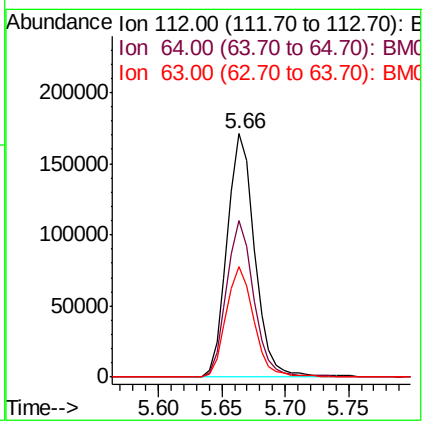


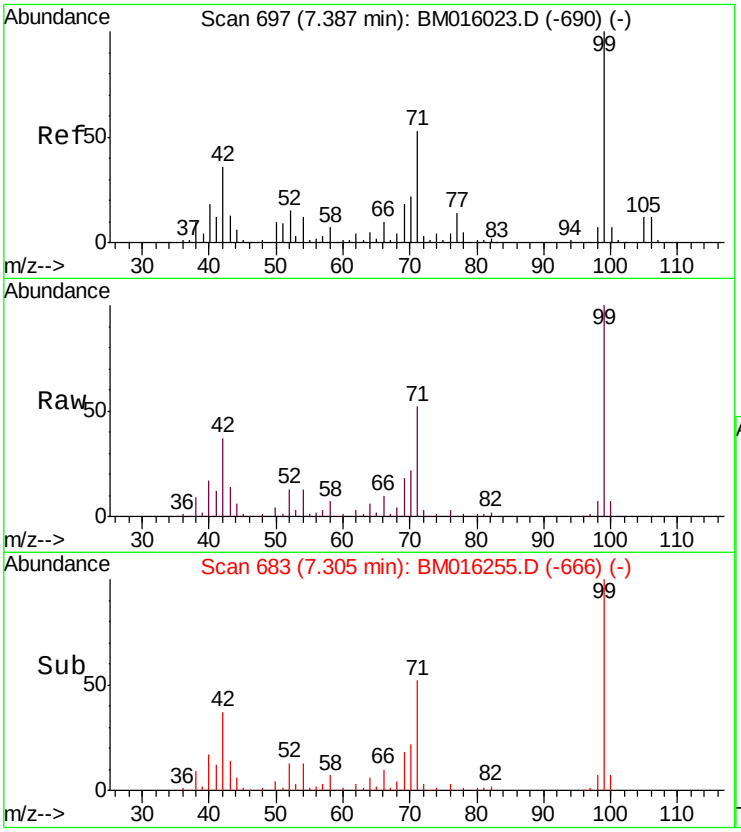


#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:112 Resp: 258084

Ion	Ratio	Lower	Upper
112	100		
64	64.1	38.6	57.8#
63	45.5	19.3	28.9#



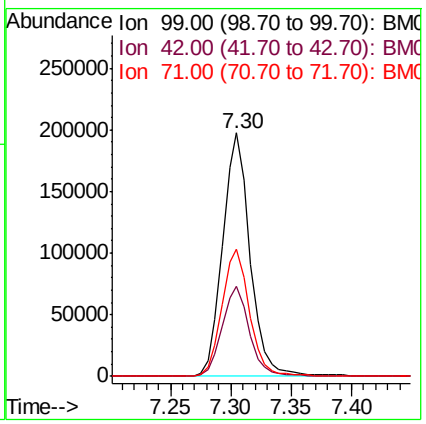


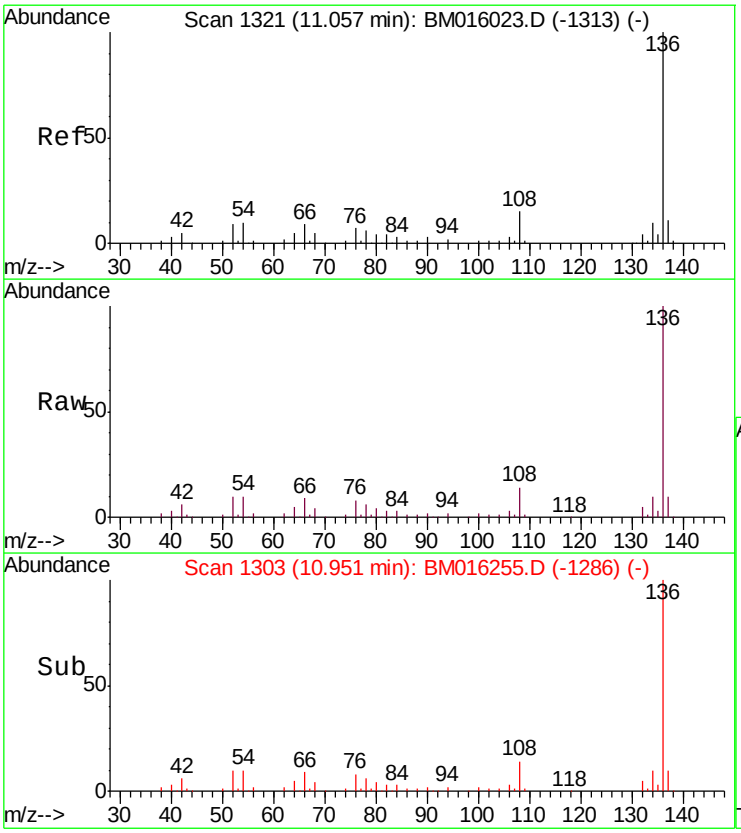
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion: 99 Resp: 310545

Ion	Ratio	Lower	Upper
99	100		
42	36.9	11.0	16.4#
71	52.1	23.4	35.2#

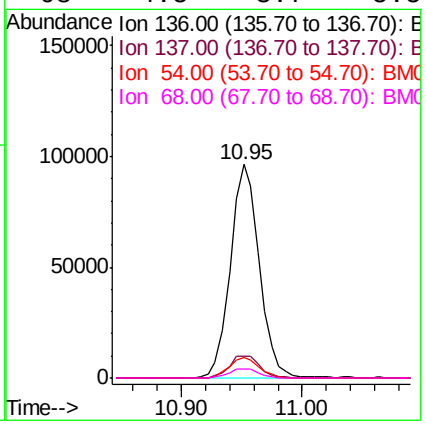


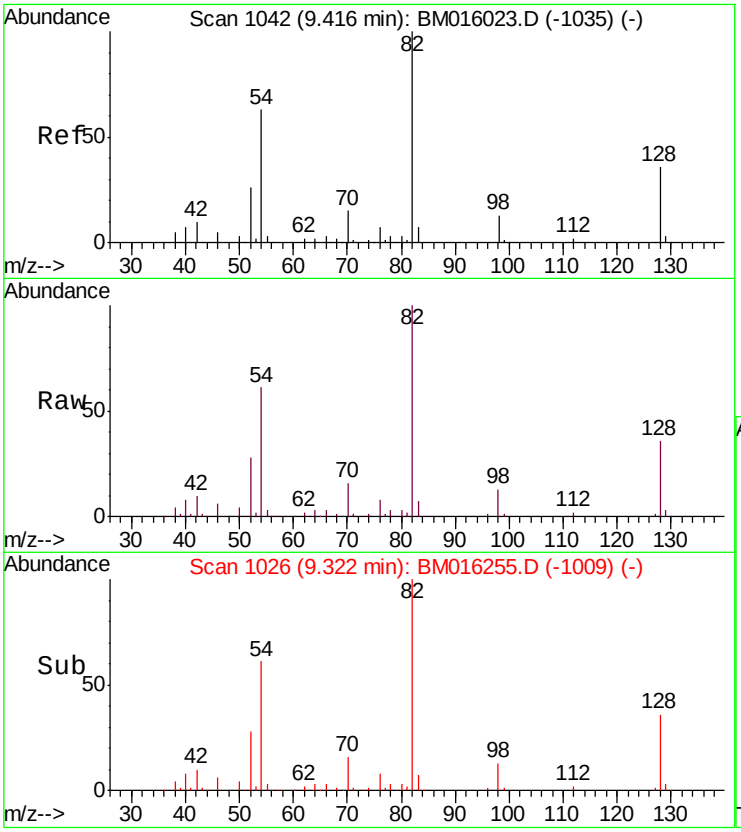


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:136 Resp: 161050

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	9.7	4.6	6.8#
68	4.5	3.7	5.5



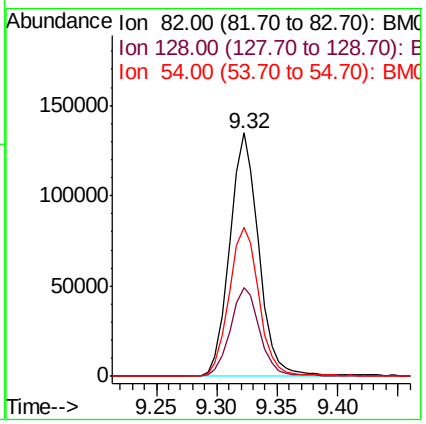


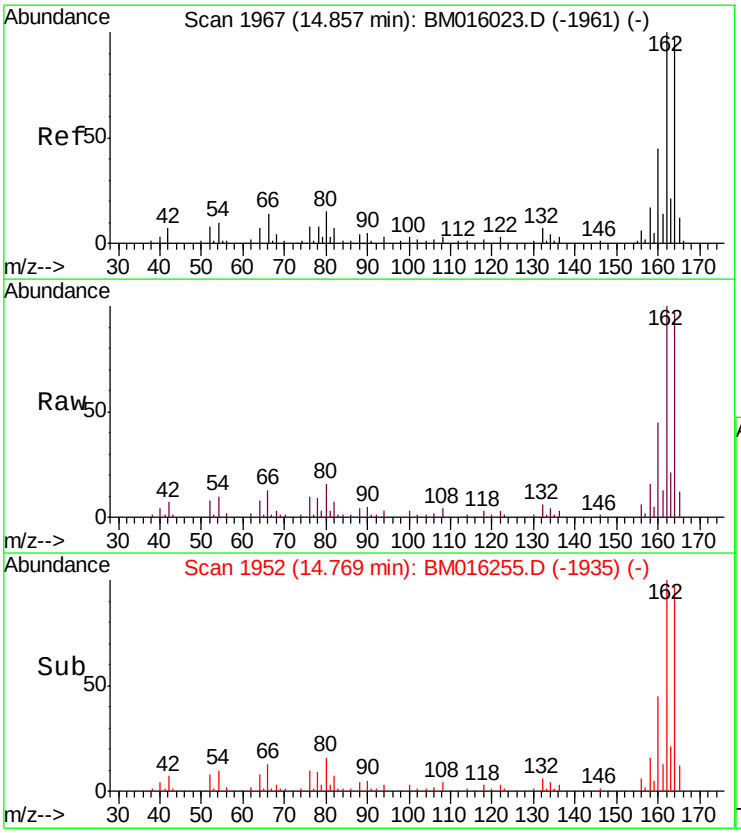
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion: 82 Resp: 225763

Ion	Ratio	Lower	Upper
82	100		
128	36.4	32.8	49.2
54	61.3	40.6	60.8#

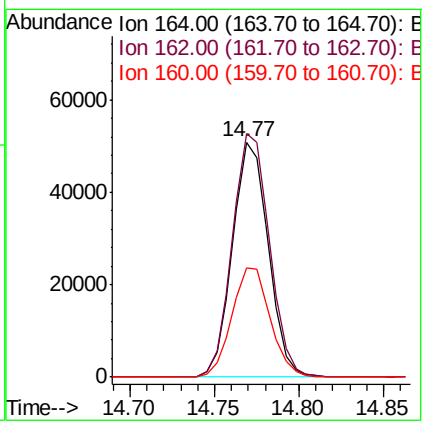


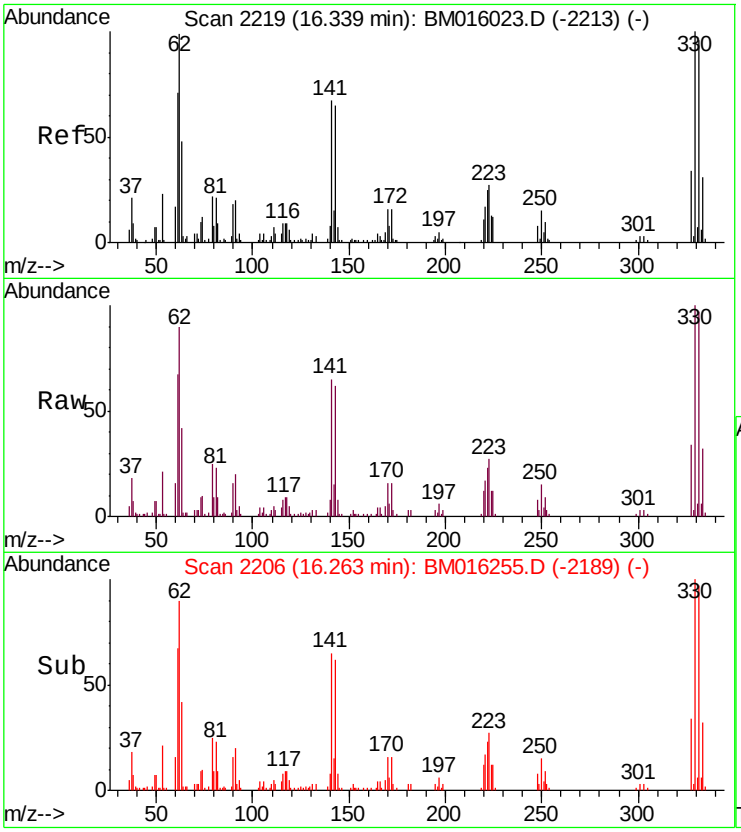


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:164 Resp: 75003

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.4	123.6
160	46.5	35.8	53.6



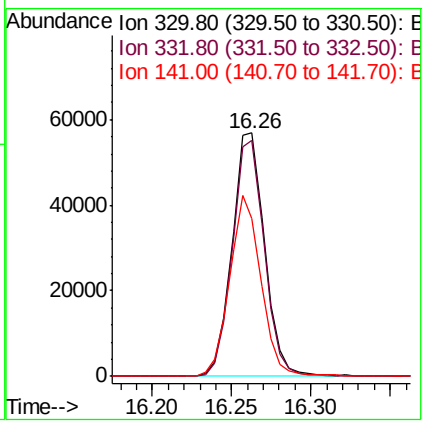


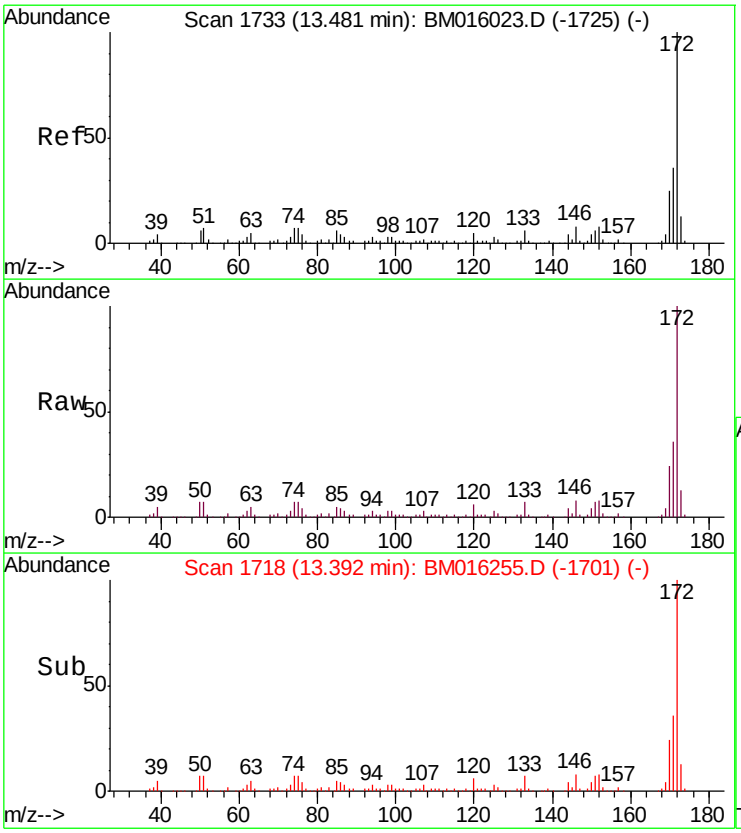
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:330 Resp: 80543

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	71.5	0.0	0.0#

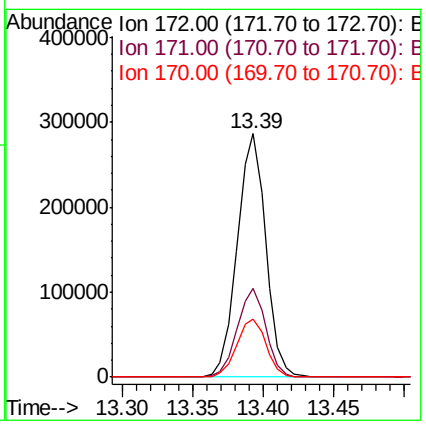


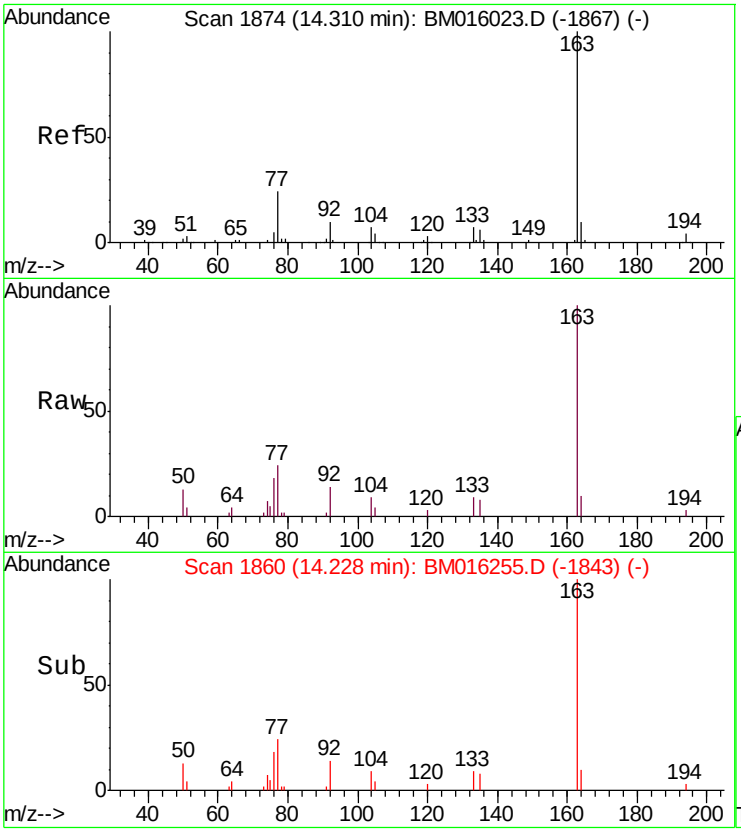


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:172 Resp: 403634

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.9	18.8	28.2



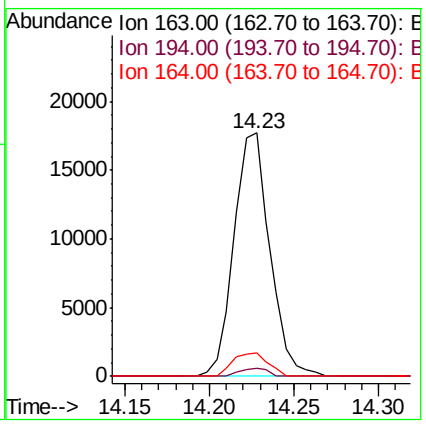


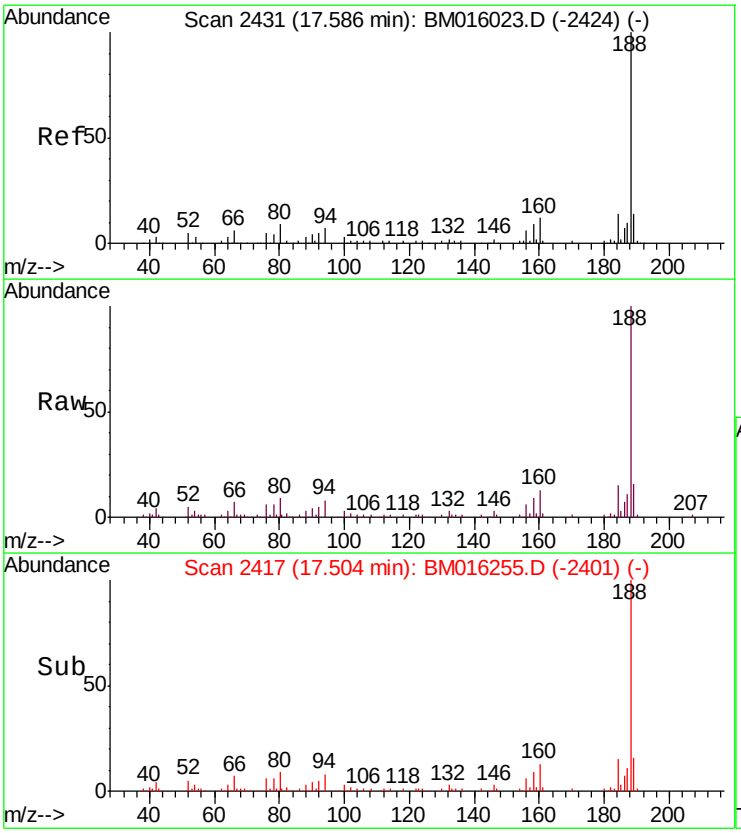
#49
Dimethylphthalate
Concen: 4.000 ng
RT: 14.23 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:163 Resp: 26258

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.7	8.2	12.2

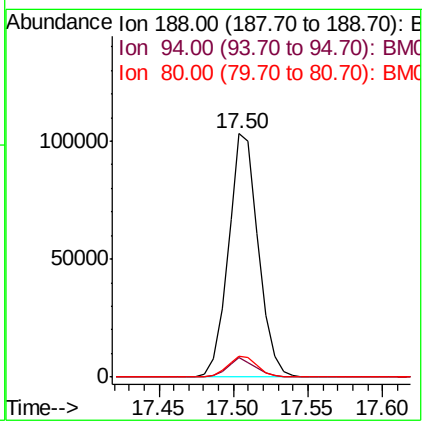


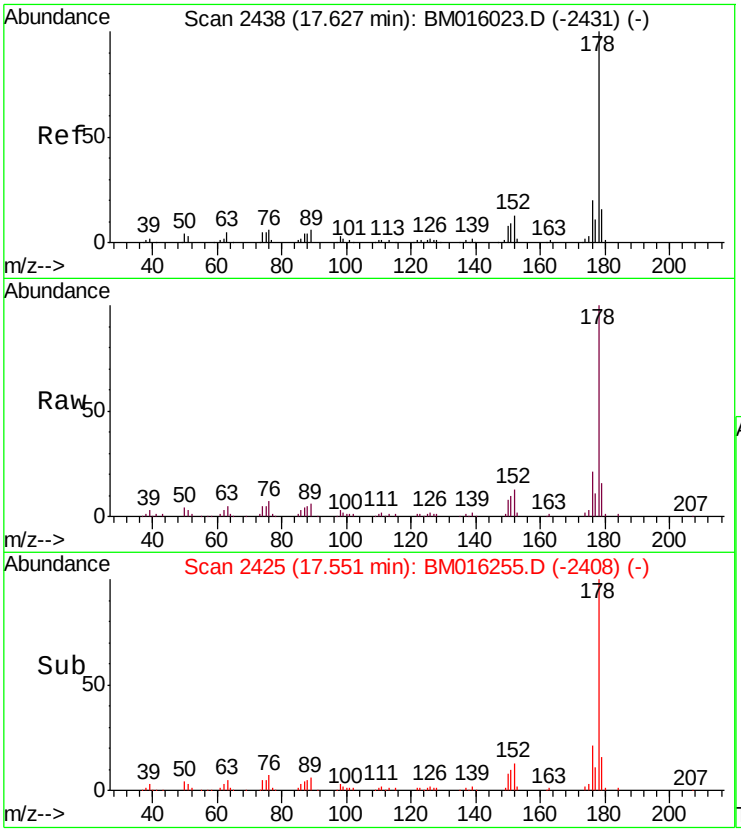


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:188 Resp: 143816

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	8.8	9.3	13.9#



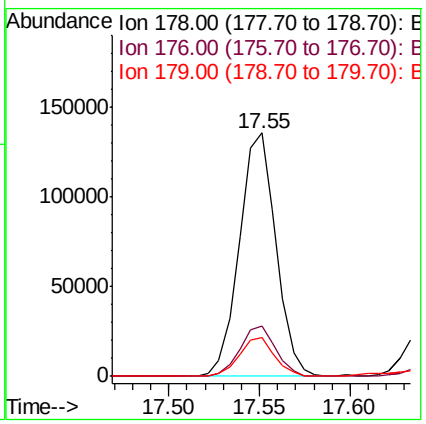


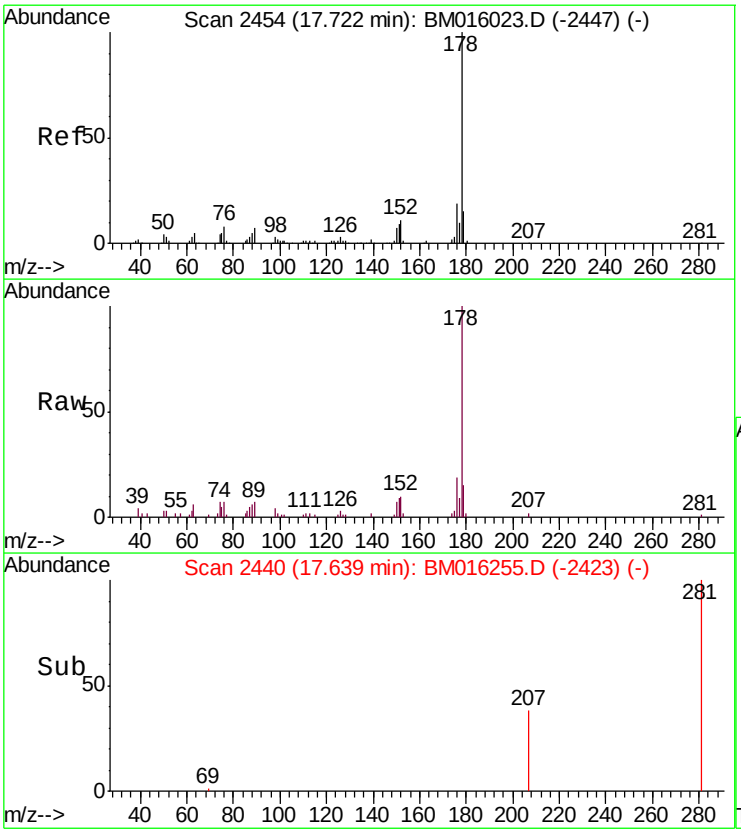
#70
Phenanthrene
Concen: 23.604 ng
RT: 17.55 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:178 Resp: 190051

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.2	22.8
179	16.1	12.1	18.1

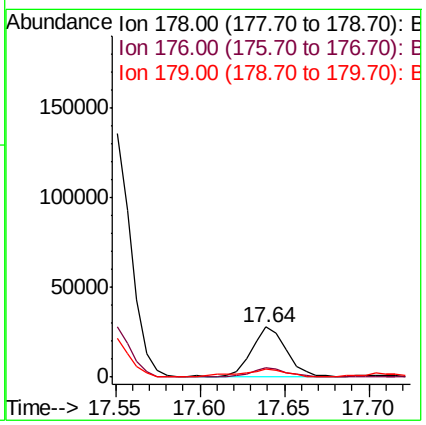


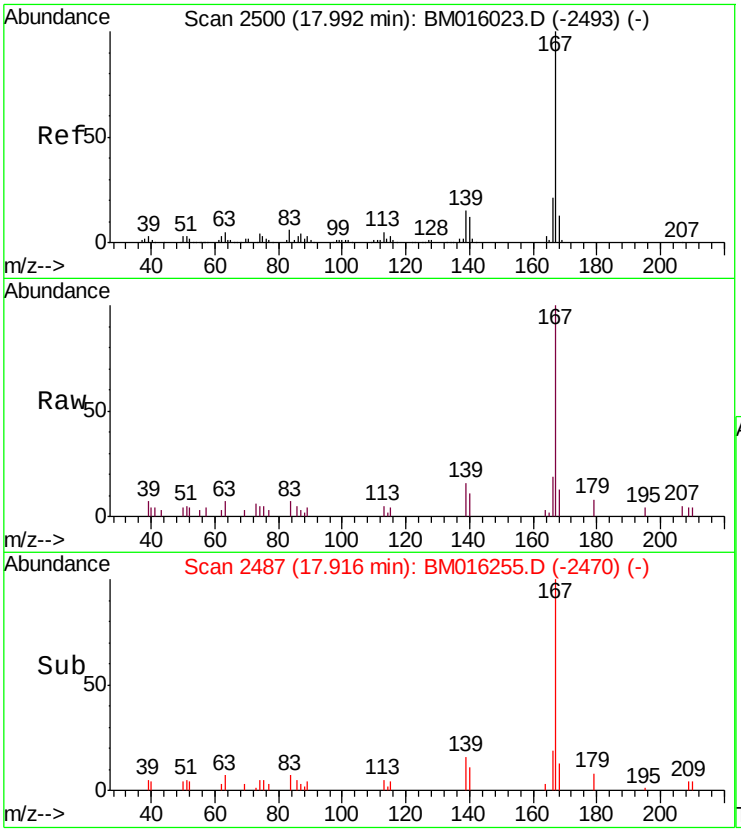


#71
Anthracene
Concen: 4.927 ng
RT: 17.64 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:178 Resp: 38554

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	15.2	12.6	19.0



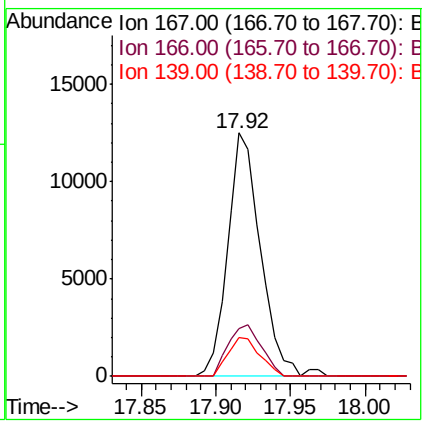


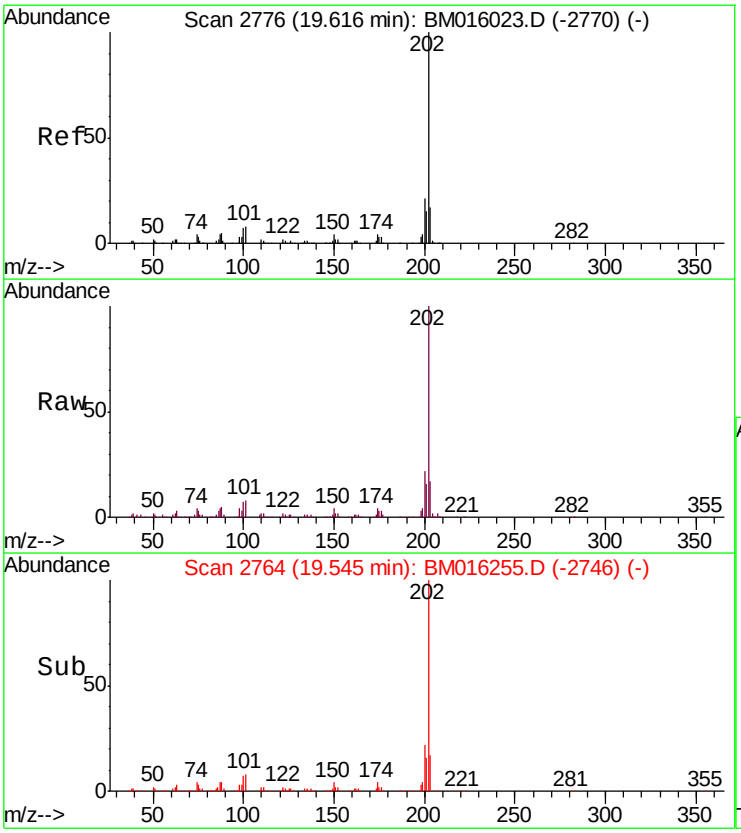
#72
Carbazole
Concen: 2.376 ng
RT: 17.92 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:167 Resp: 19260

Ion	Ratio	Lower	Upper
167	100		
166	19.4	17.2	25.8
139	15.7	10.8	16.2

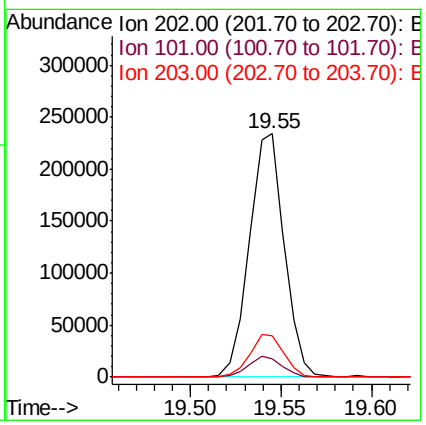


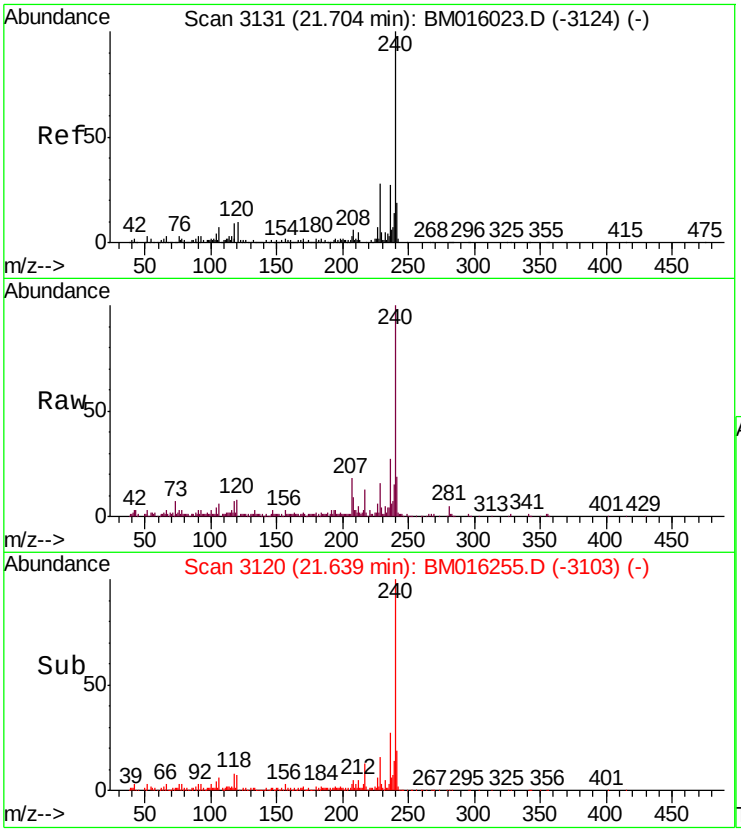


#74
Fluoranthene
Concen: 34.881 ng
RT: 19.55 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:202 Resp: 313278

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.7
203	17.2	0.0	37.2



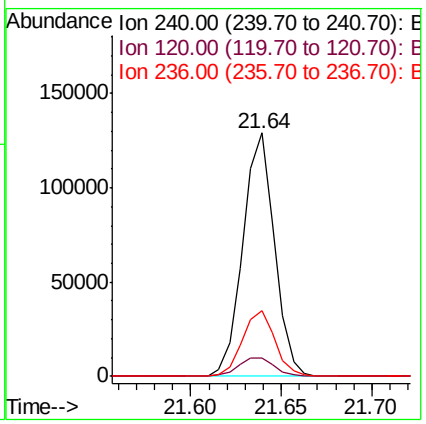


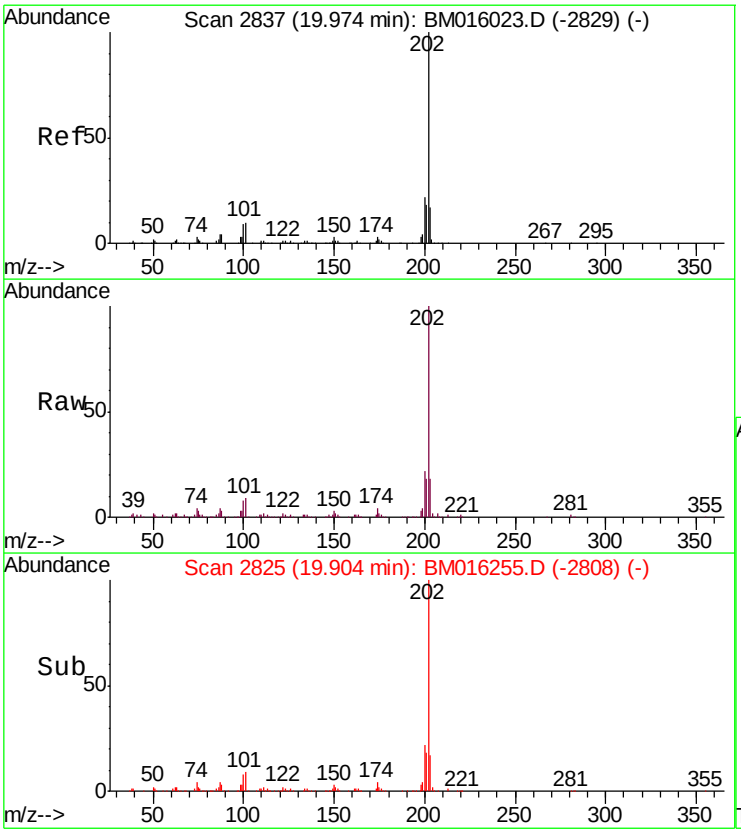
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:240 Resp: 156475

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.2	12.2#
236	27.1	20.0	30.0

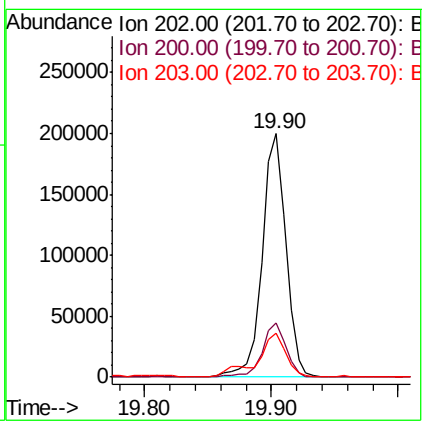


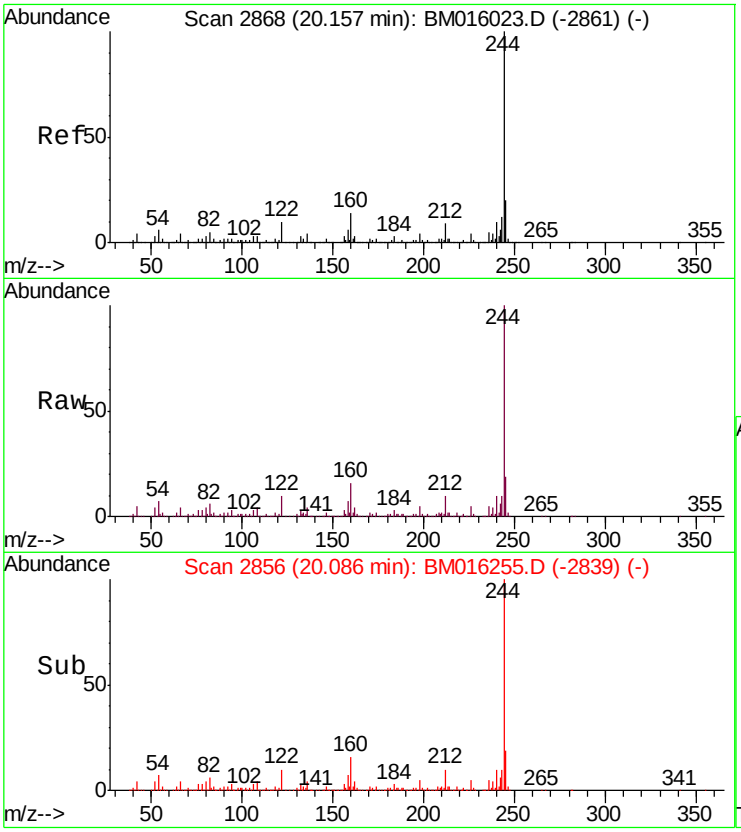


#77
Pyrene
Concen: 27.780 ng
RT: 19.90 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:202 Resp: 260497

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	17.9	14.1	21.1



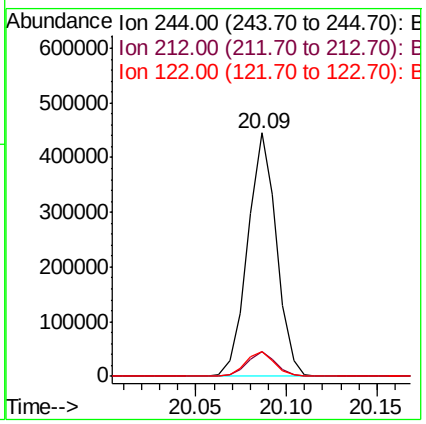


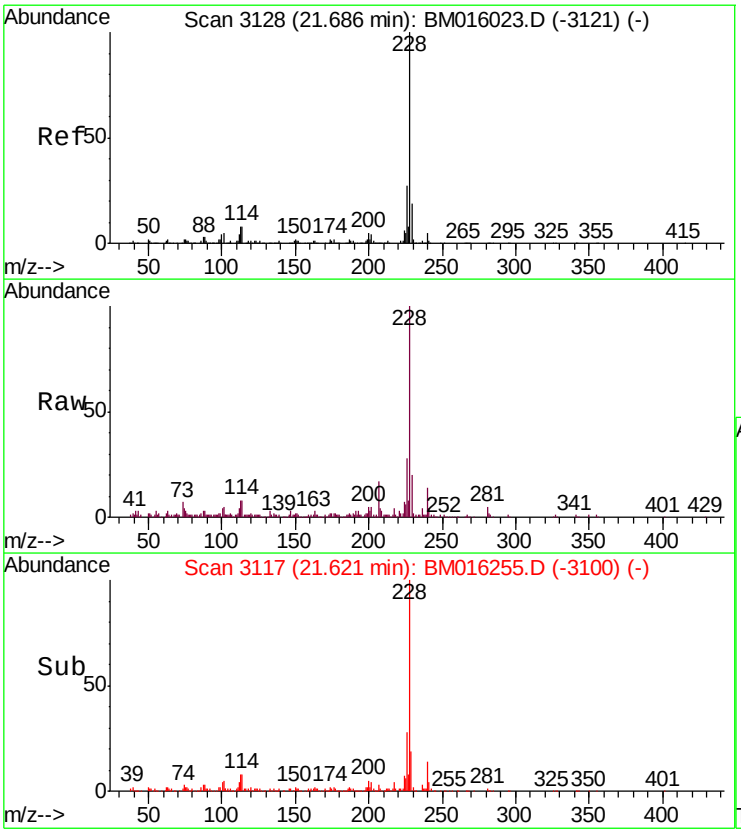
#78
Terphenyl-d14
Concen: 27.780 ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:244 Resp: 490127

Ion	Ratio	Lower	Upper
244	100		
212	10.0	4.9	7.3#
122	10.2	6.2	9.4#

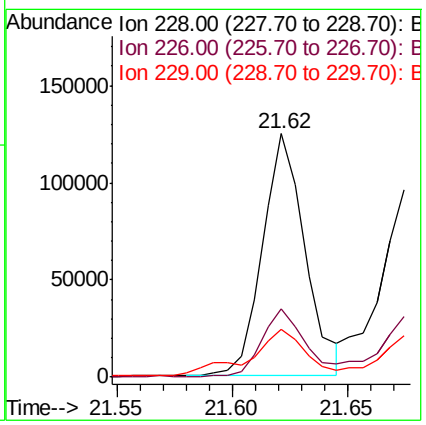


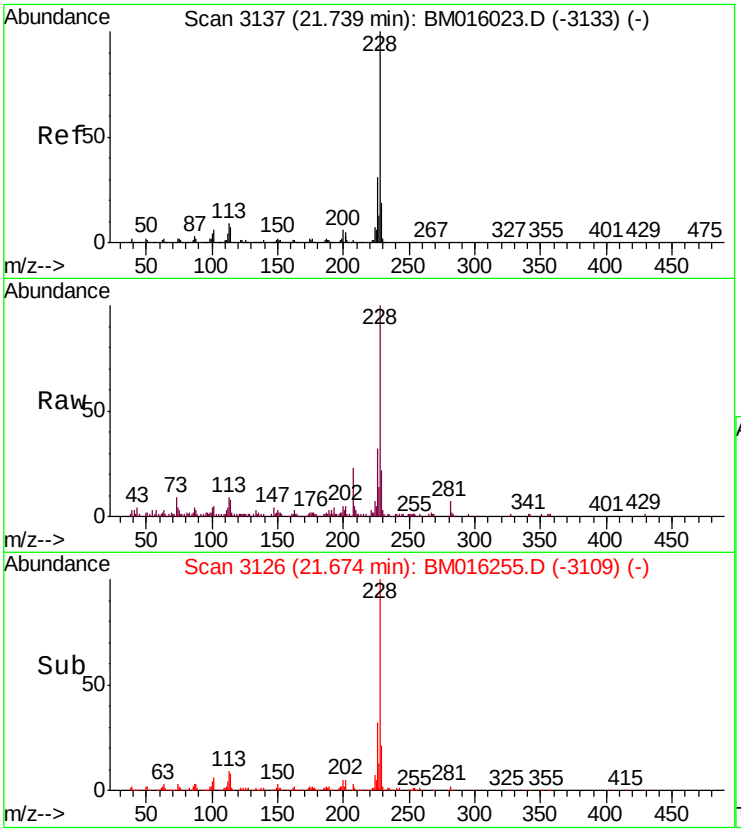


#80
Benzo(a)anthracene
Concen: 16.484 ng
RT: 21.62 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:228 Resp: 158868

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	19.5	16.0	24.0



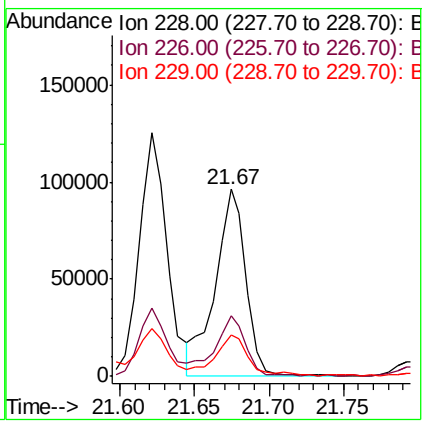


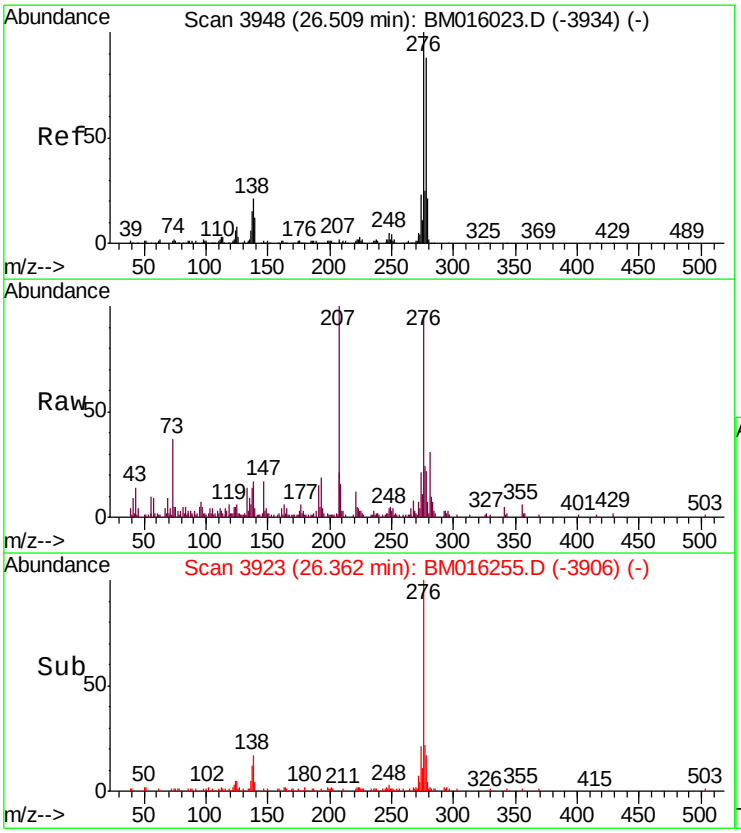
#82
Chrysene
Concen: 14.854 ng
RT: 21.67 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:228 Resp: 137322

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.1	36.1
229	22.4	15.5	23.3

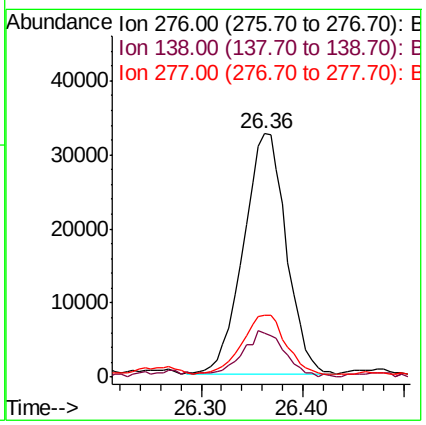


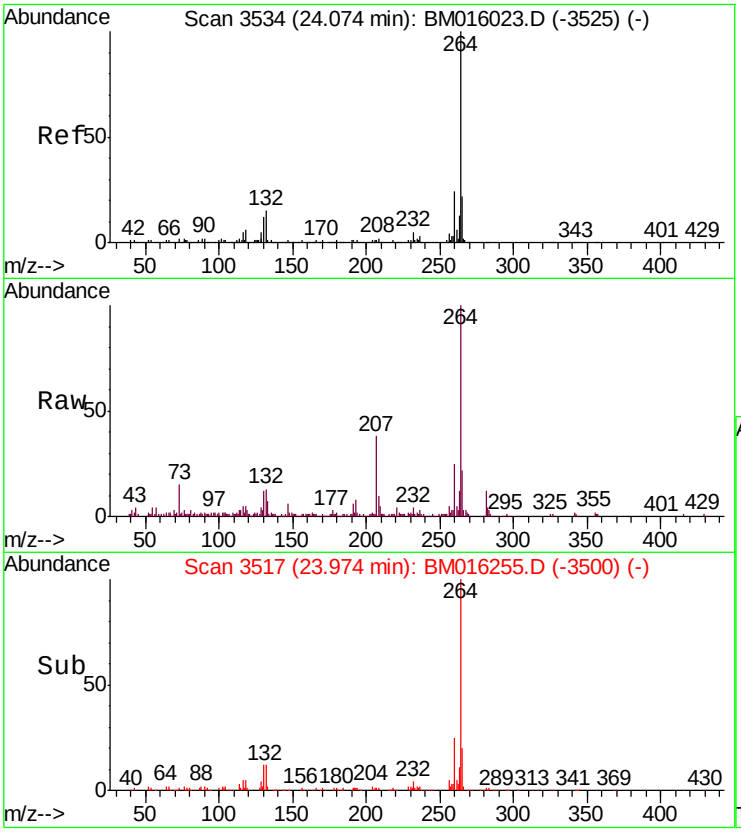


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.678 ng
RT: 26.36 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:276 Resp: 95202

Ion	Ratio	Lower	Upper
276	100		
138	19.1	12.0	18.0#
277	25.0	20.0	30.0



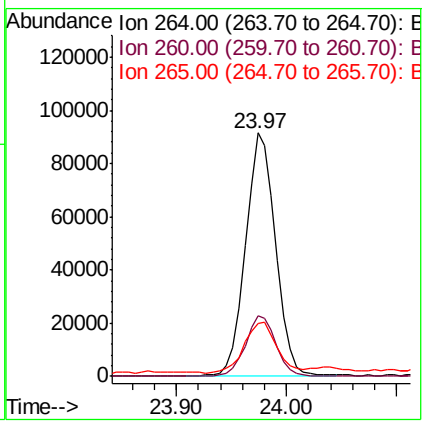


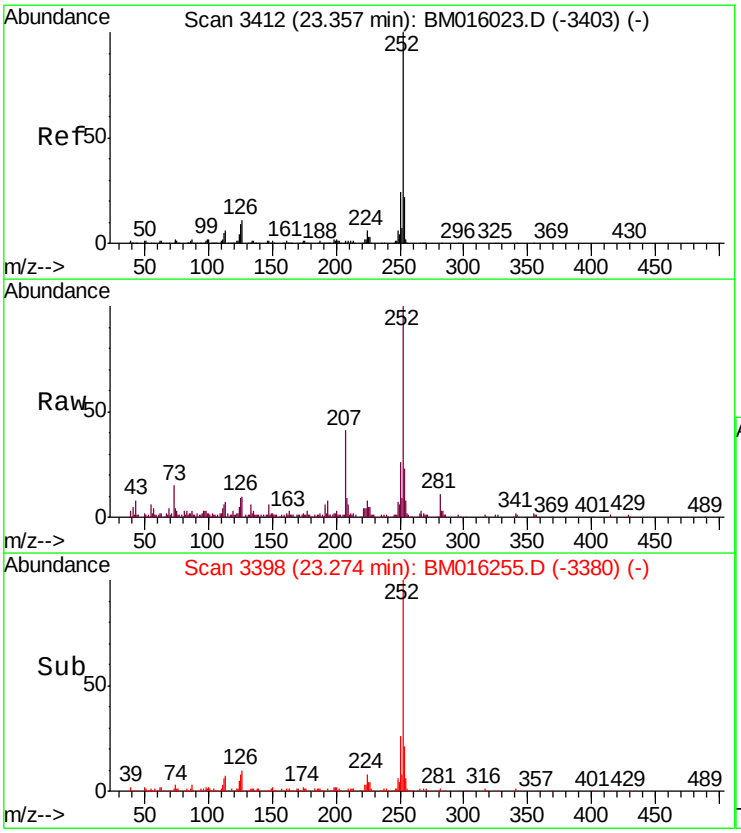
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:264 Resp: 174928

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	21.7	17.3	25.9

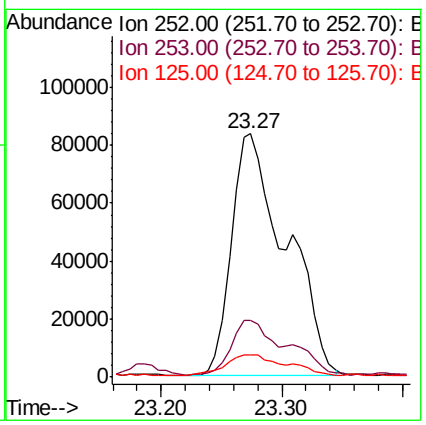


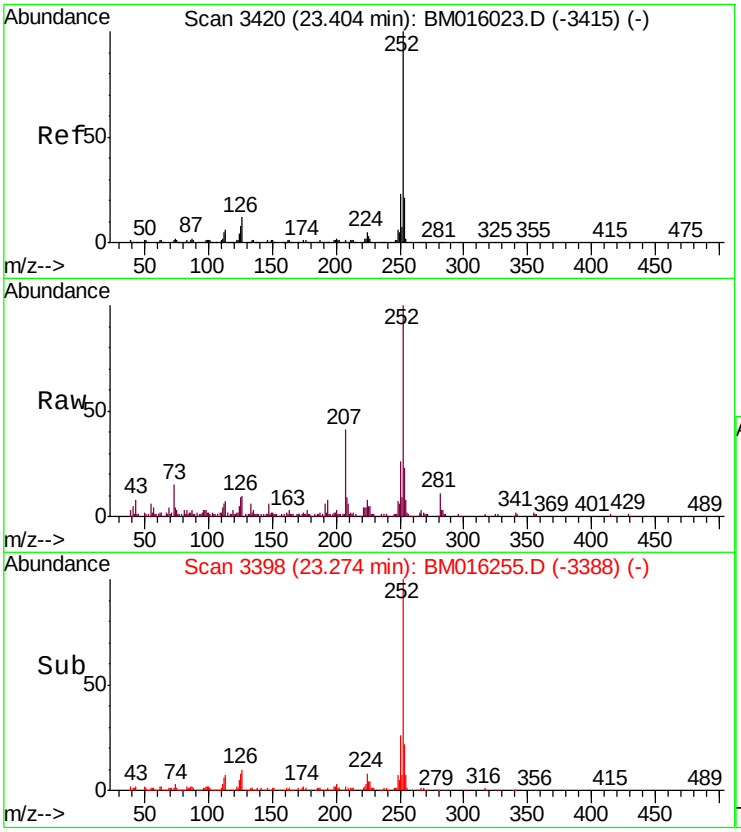


#87
Benzo(b)fluoranthene
Concen: 25.402 ng
RT: 23.27 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:252 Resp: 261629

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	8.9	9.9	14.9#



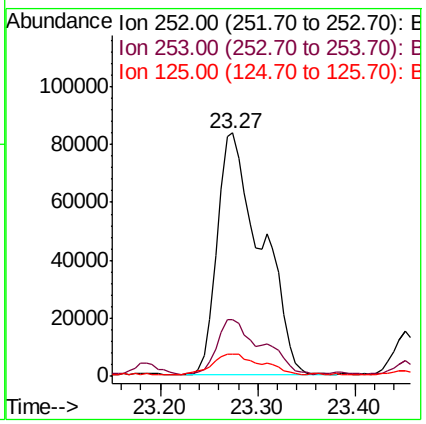


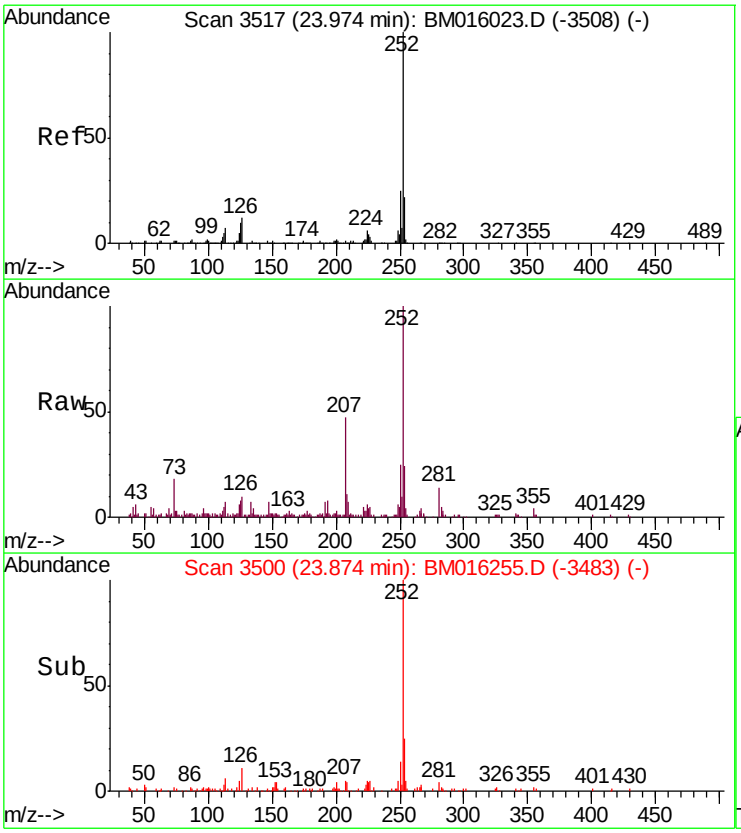
#88
Benzo(k)fluoranthene
Concen: 25.043 ng
RT: 23.27 min Scan# 3398
Delta R.T. -0.04 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:252 Resp: 261398

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	8.9	8.1	12.1

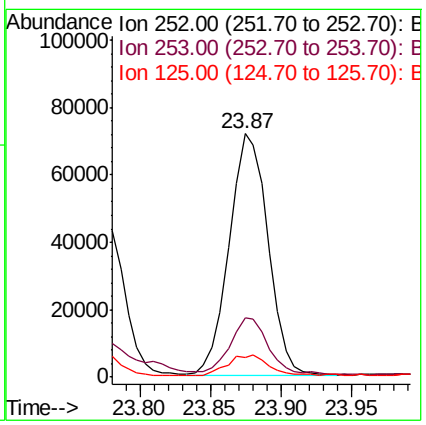


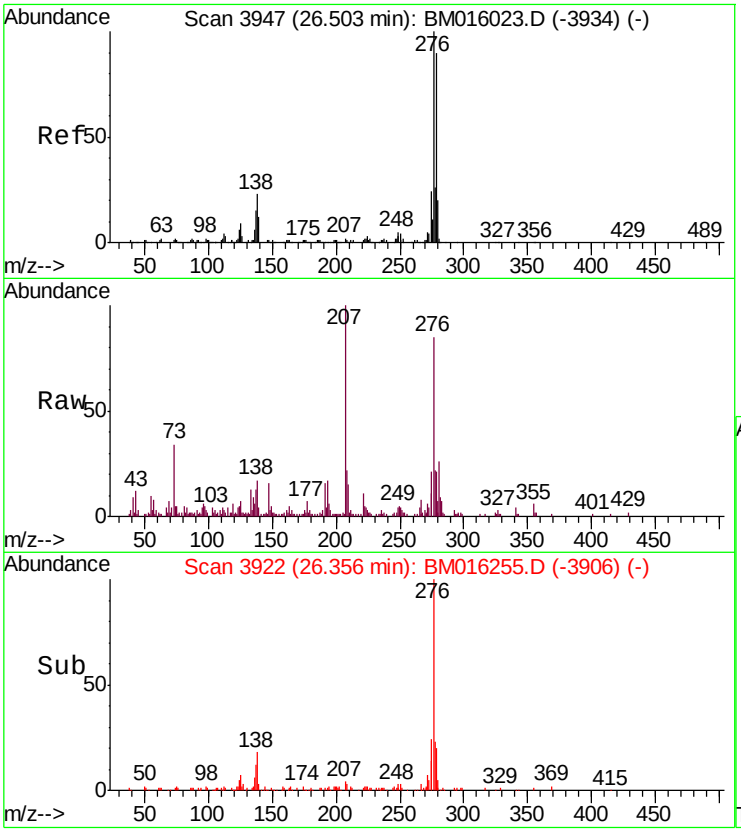


#89
Benzo(a)pyrene
Concen: 13.846 ng
RT: 23.87 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:252 Resp: 137087

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	8.2	7.4	11.2



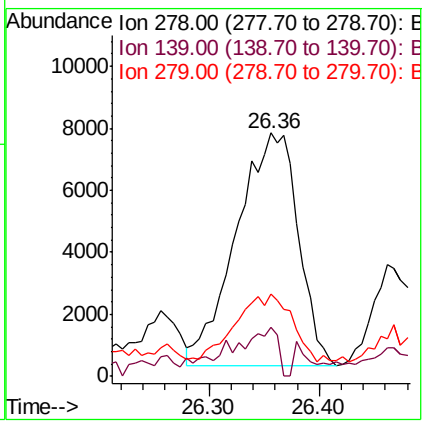


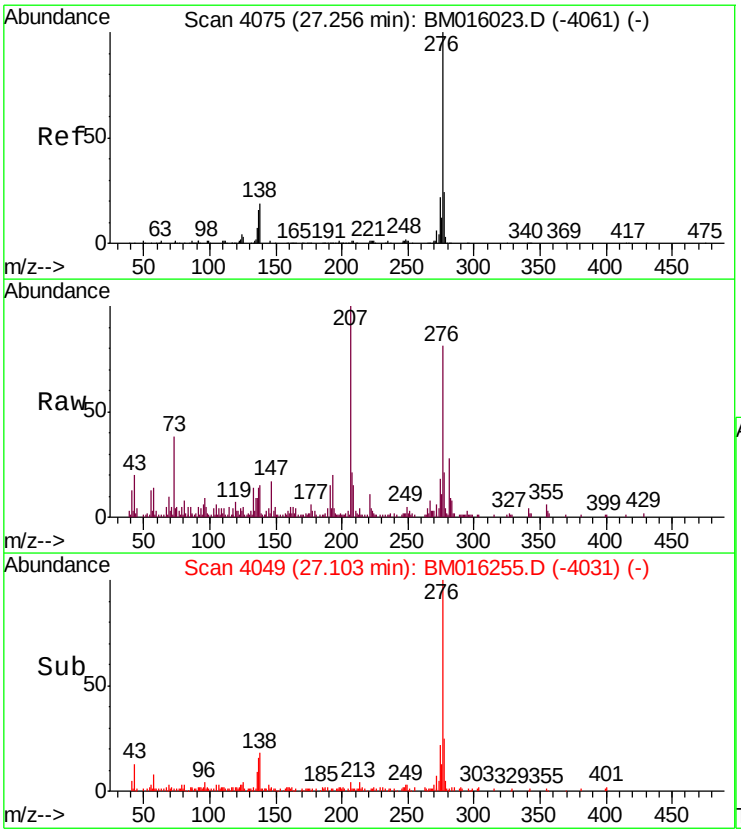
#90
Dibenzo(a,h)anthracene
Concen: 2.863 ng
RT: 26.36 min Scan# 3922
Delta R.T. -0.01 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Instrument :
BNA_M
ClientSampleId :
C-12

Tgt Ion:278 Resp: 29366

Ion	Ratio	Lower	Upper
278	100		
139	20.2	13.4	20.0#
279	33.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.265 ng
RT: 27.10 min Scan# 4049
Delta R.T. 0.01 min
Lab File: BM016255.D
Acq: 08 Aug 2018 18:18

Tgt Ion:276 Resp: 89892

Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.5	27.7
138	18.4	19.0	28.6#