Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016252.D
Acq On : 08 Aug 2018 16:28
Operator : SJ/JU
Sample : J4238-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 08 17:15:07 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	8.13	152	43214	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	162783	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	83960	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	178380	20.00	ng		0.00
75) Chrysene-d12	21.64	240	203799	20.00	ng		0.00
86) Perylene-d12	23.97	264	231042	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	214170	82.33	ng		0.00
7) Phenol-d6	7.30	99	261118	76.86	ng		0.00
23) Nitrobenzene-d5	9.32	82	188811	53.95	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	80603	75.69	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	336962	48.83	ng		0.00
78) Terphenyl-d14	20.09	244	499878	51.34	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.22	163	35841	4.878	ng	#	98
74) Fluoranthene	19.54	202	32800	2.944	ng		97
77) Pyrene	19.90	202	45919	3.760	ng		97
87) Benzo(b)fluoranthene	23.27	252	39882	2.932	ng		95
88) Benzo(k)fluoranthene	23.27	252	39549	2.869	ng	#	91
89) Benzo(a)pyrene	23.88	252	31559	2.413	ng	#	86
91) Benzo(g,h,i)perylene	27.11	276	27115	2.116	ng	#	88

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

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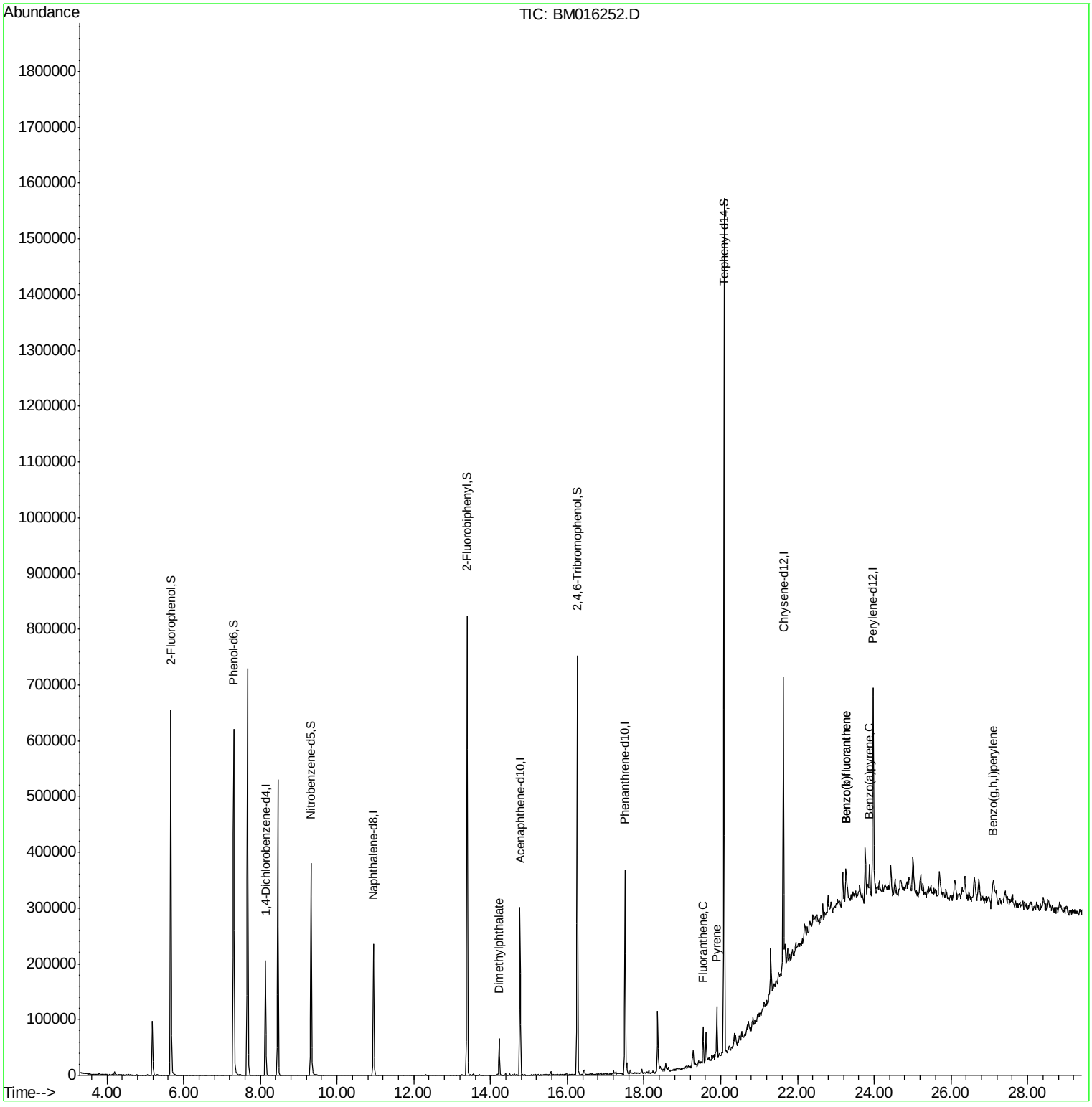
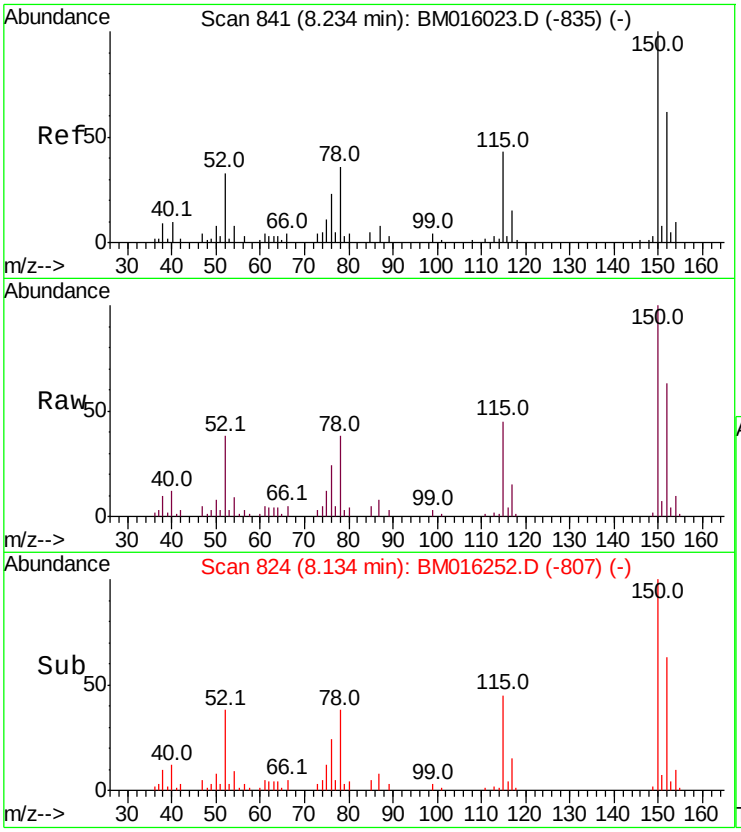


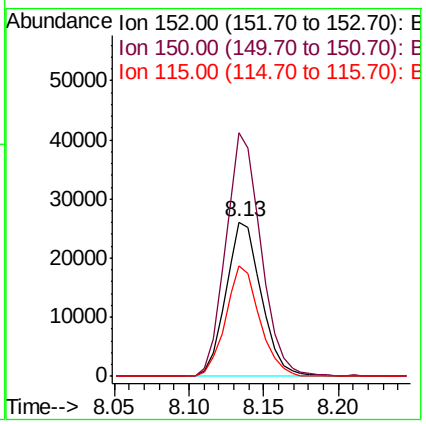


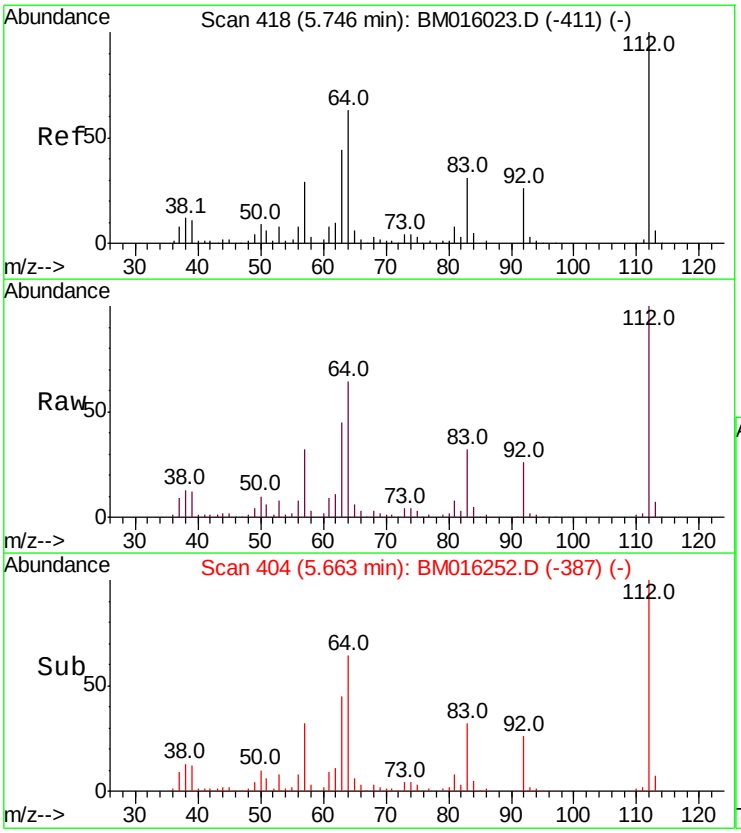
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 43214

Ion	Ratio	Lower	Upper
152	100		
150	157.7	119.5	179.3
115	71.3	43.0	64.4#

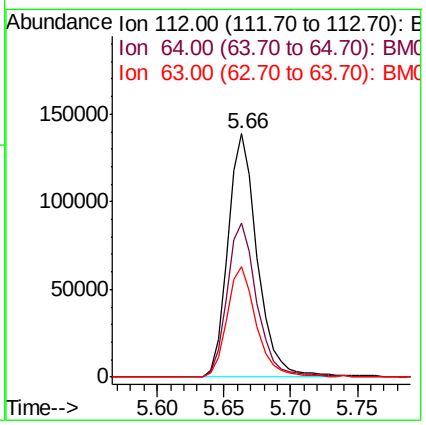


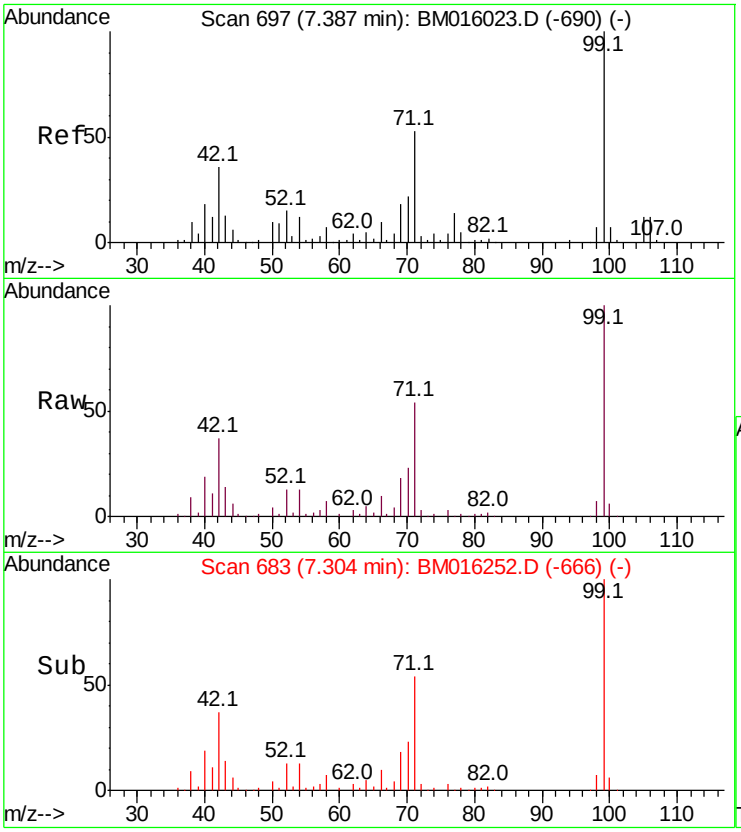


#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:112 Resp: 214170

Ion	Ratio	Lower	Upper
112	100		
64	63.5	38.6	57.8#
63	45.3	19.3	28.9#



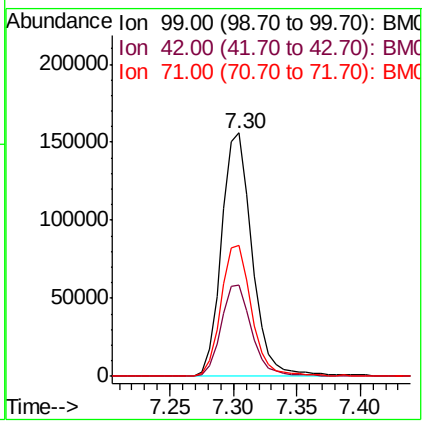


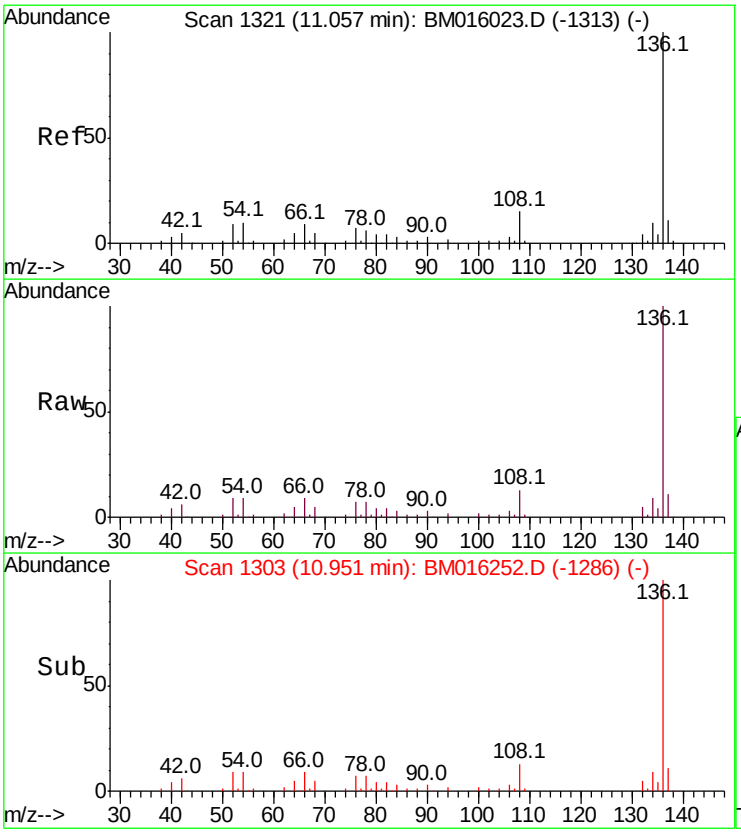
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 261118

Ion	Ratio	Lower	Upper
99	100		
42	37.4	11.0	16.4#
71	53.8	23.4	35.2#

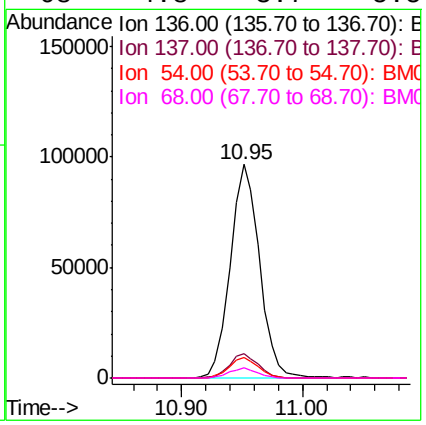


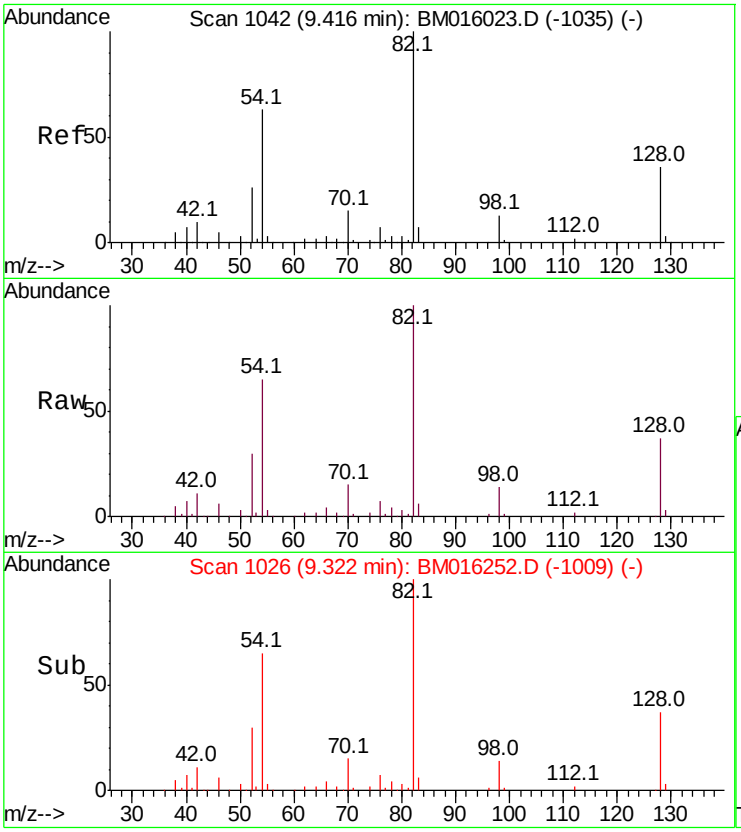


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:136 Resp: 162783

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.4	4.6	6.8#
68	4.8	3.7	5.5



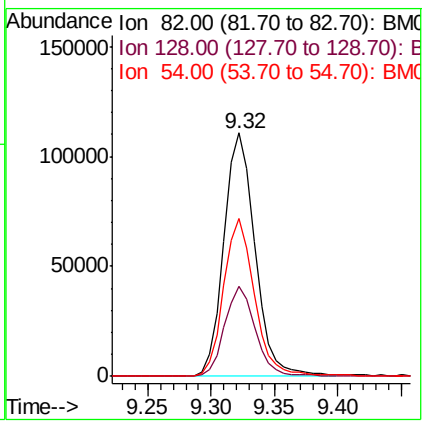


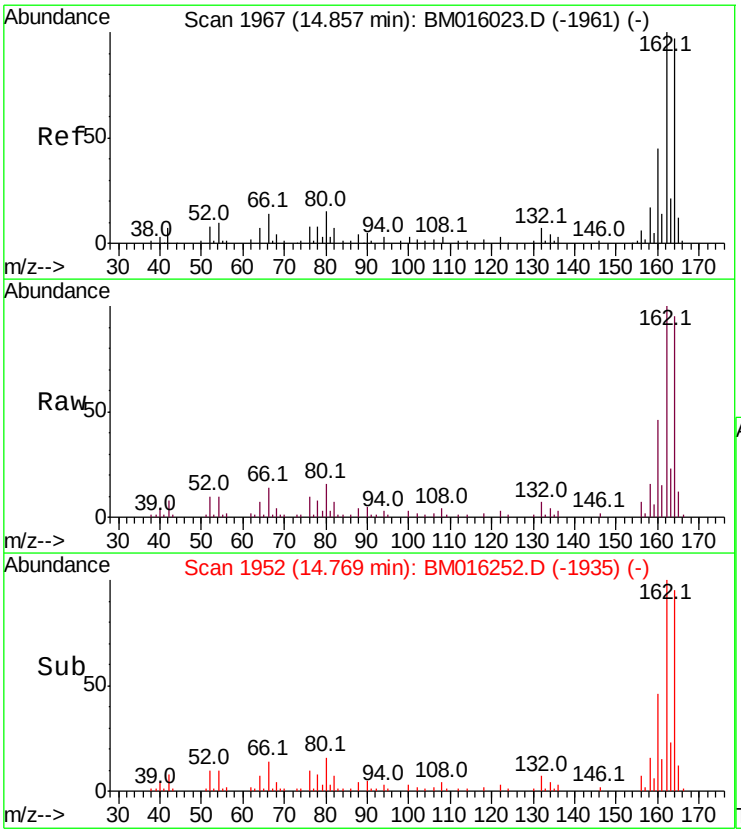
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 188811

Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.8	49.2
54	64.6	40.6	60.8#

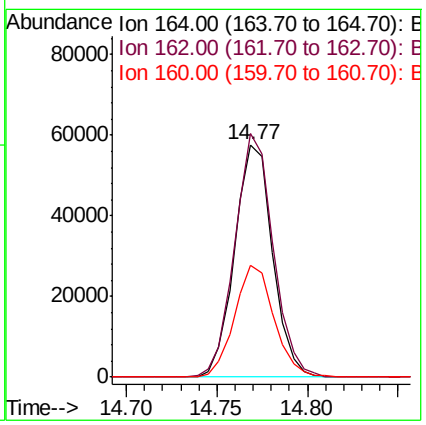


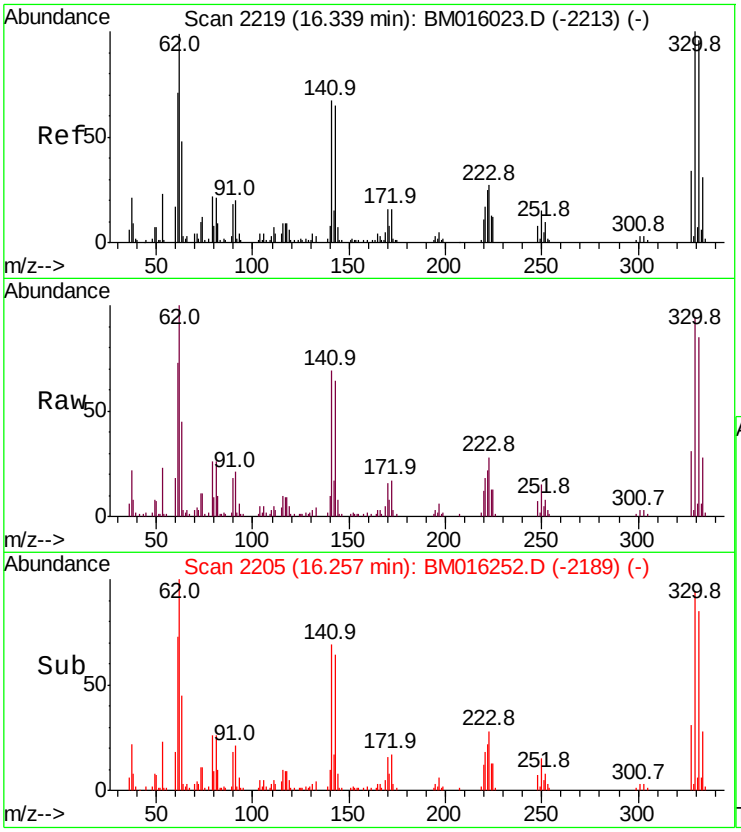


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:164 Resp: 83960

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.4	123.6
160	47.9	35.8	53.6



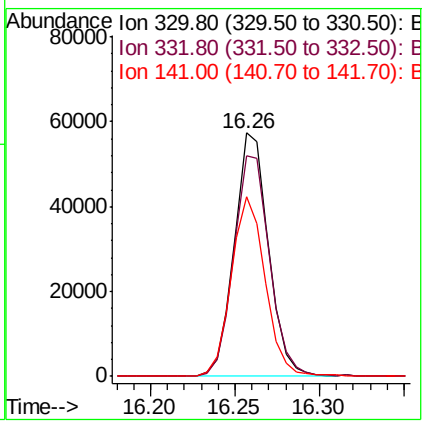


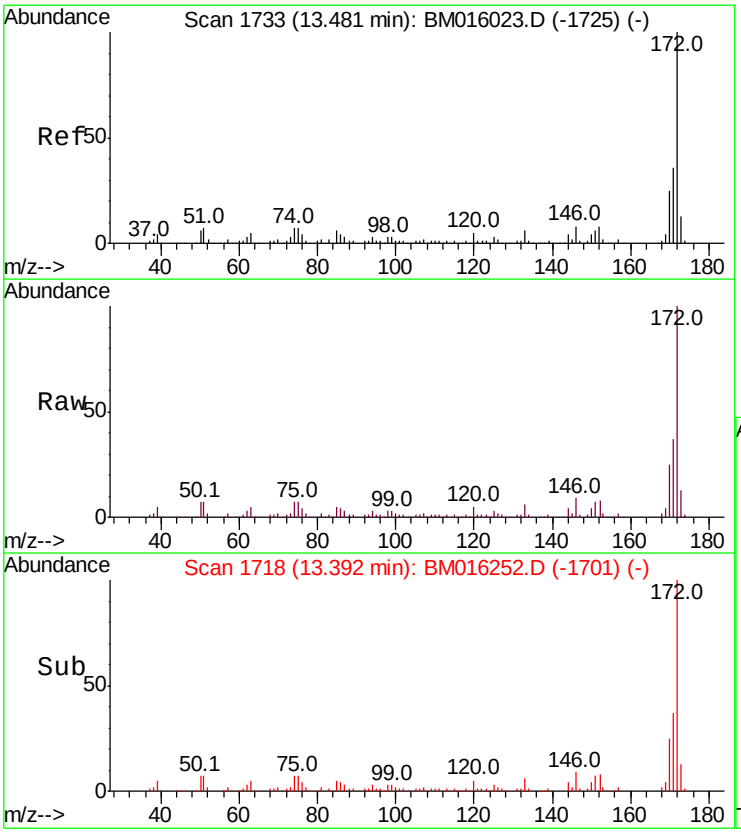
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 80603

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	73.4	0.0	0.0#

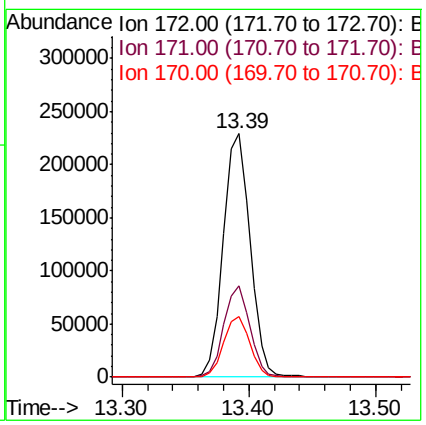


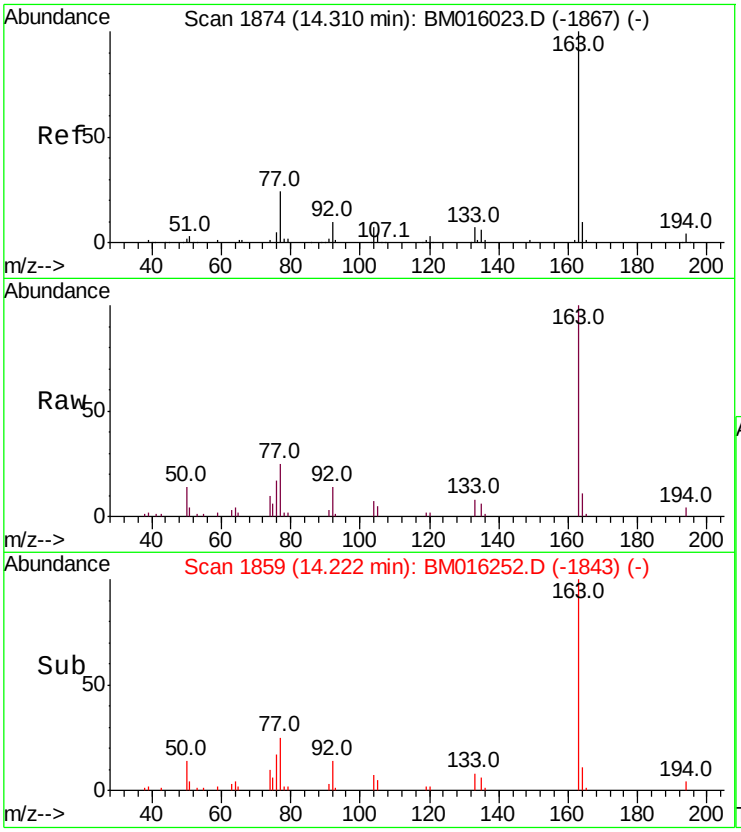


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:172 Resp: 336962

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.5	42.7
170	25.0	18.8	28.2



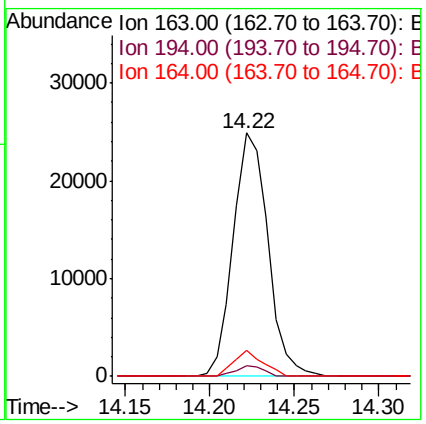


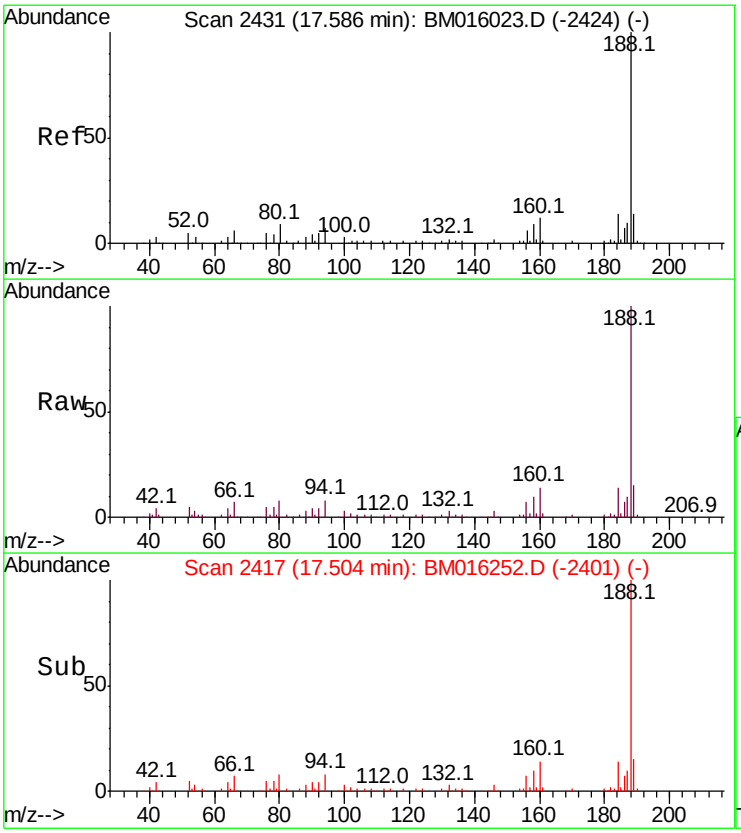
#49
Dimethylphthalate
Concen: 4.878 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 35841

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.8	8.2	12.2

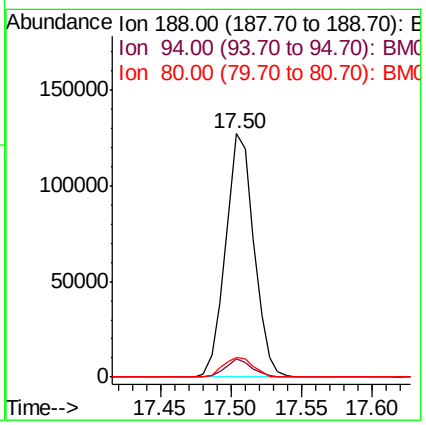


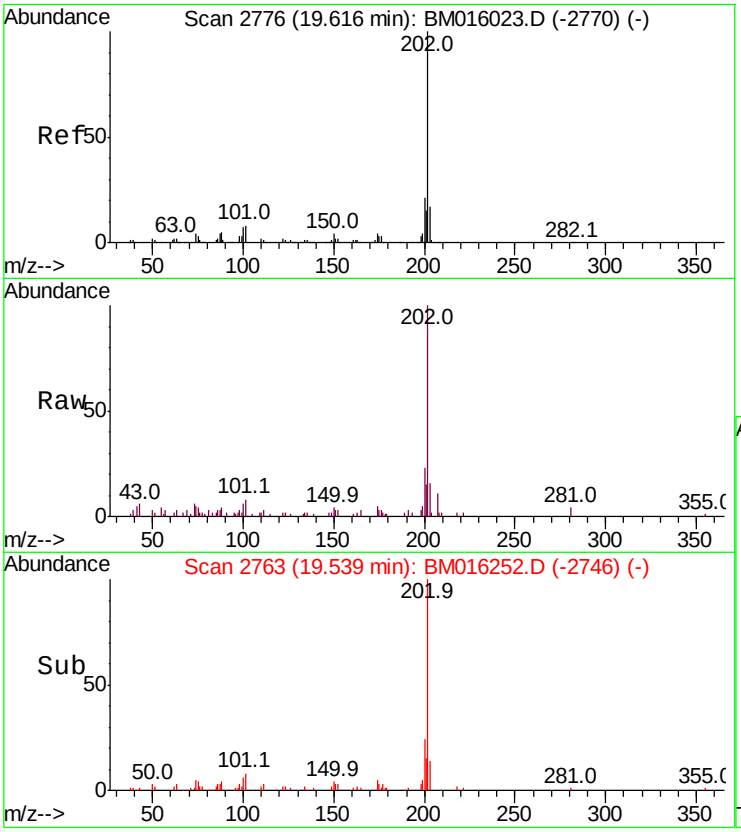


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:188 Resp: 178380

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	7.8	9.3	13.9#



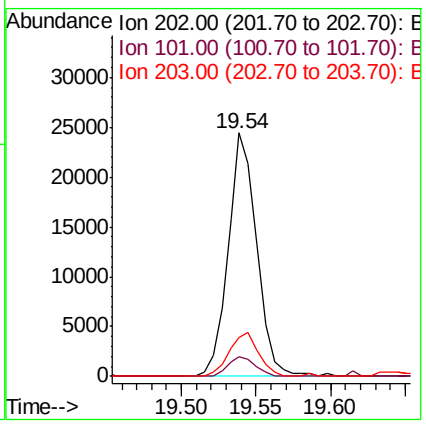


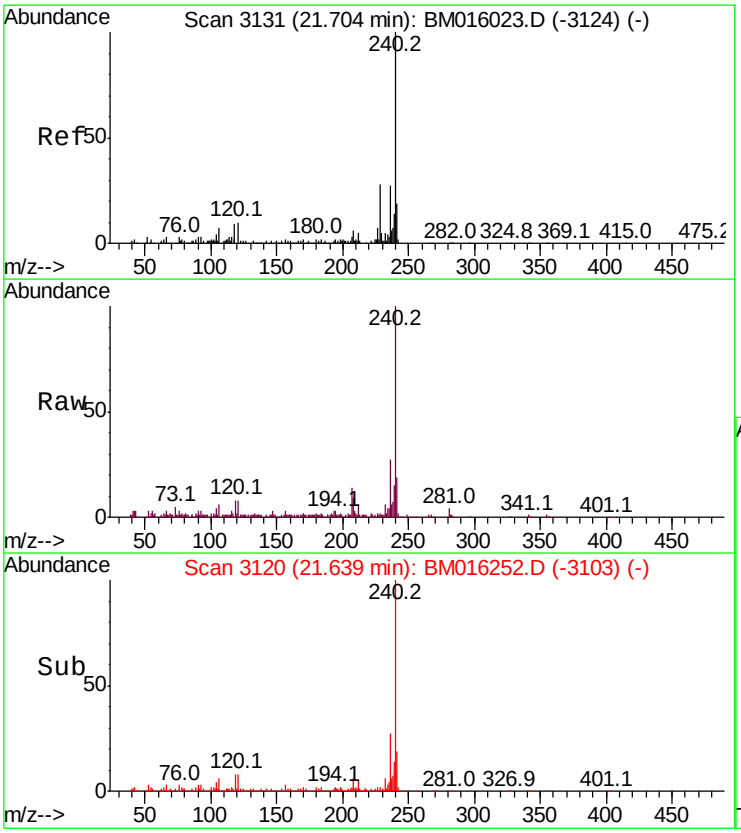
#74
Fluoranthene
Concen: 2.944 ng
RT: 19.54 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 32800

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.7
203	15.7	0.0	37.2

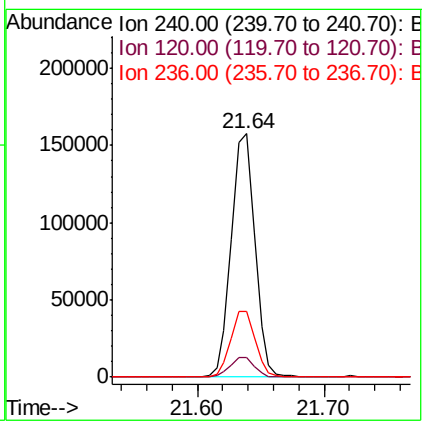


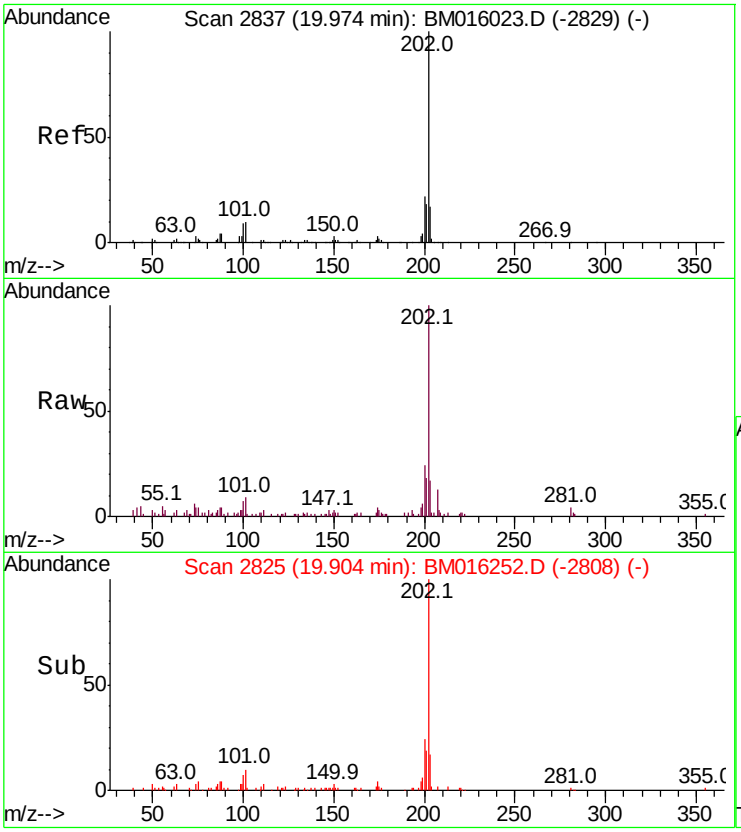


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:240 Resp: 203799

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	27.1	20.0	30.0



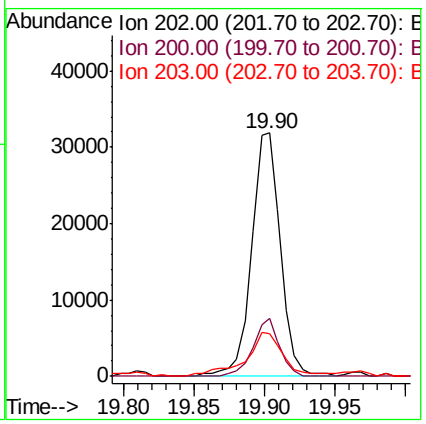


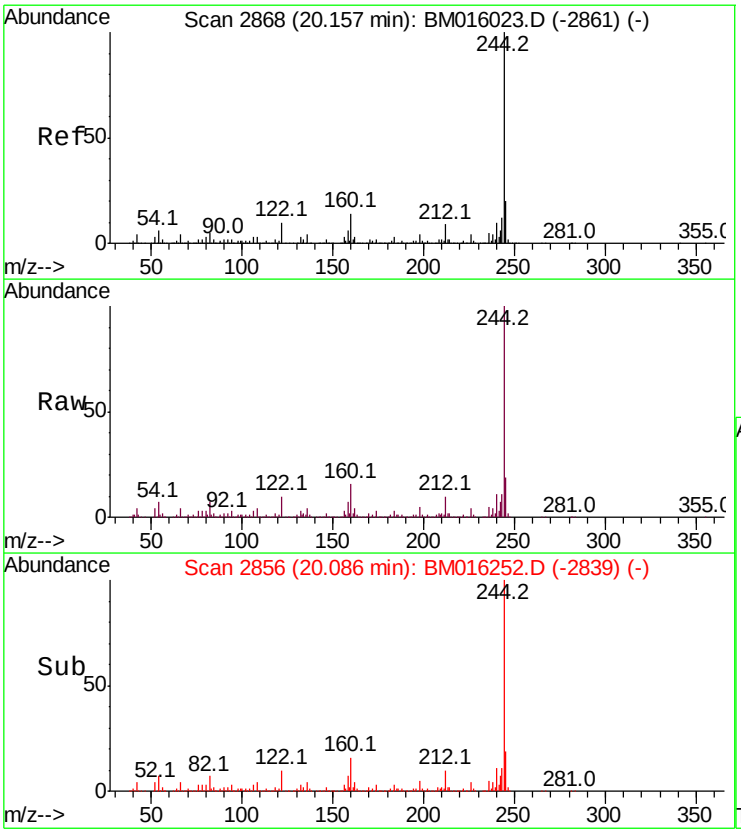
#77
Pyrene
Concen: 3.760 ng
RT: 19.90 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 45919

Ion	Ratio	Lower	Upper
202	100		
200	23.9	16.9	25.3
203	17.5	14.1	21.1

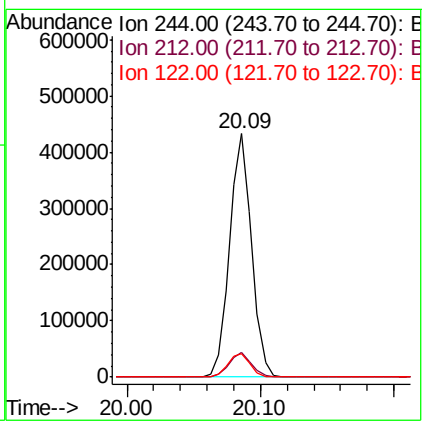


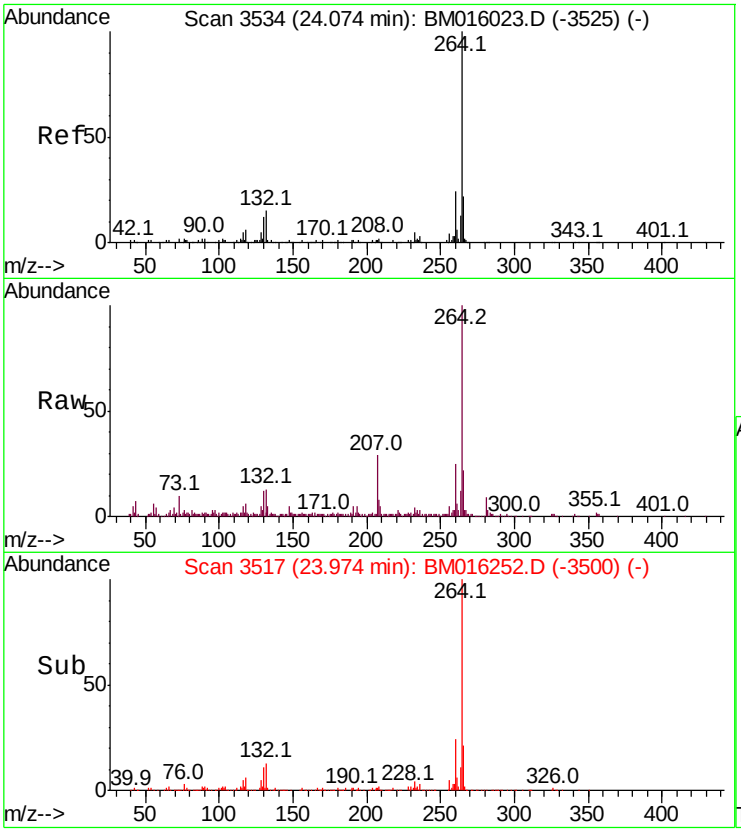


#78
Terphenyl-d14
Concen: 3.760 ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:244 Resp: 499878

Ion	Ratio	Lower	Upper
244	100		
212	10.4	4.9	7.3#
122	9.8	6.2	9.4#



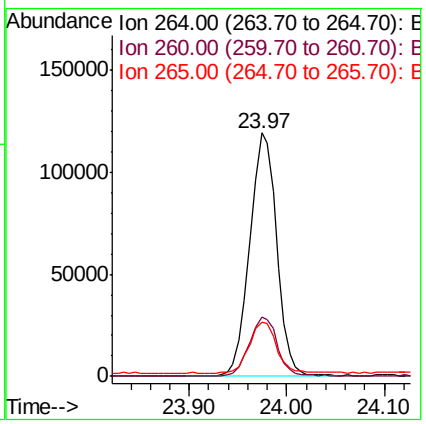


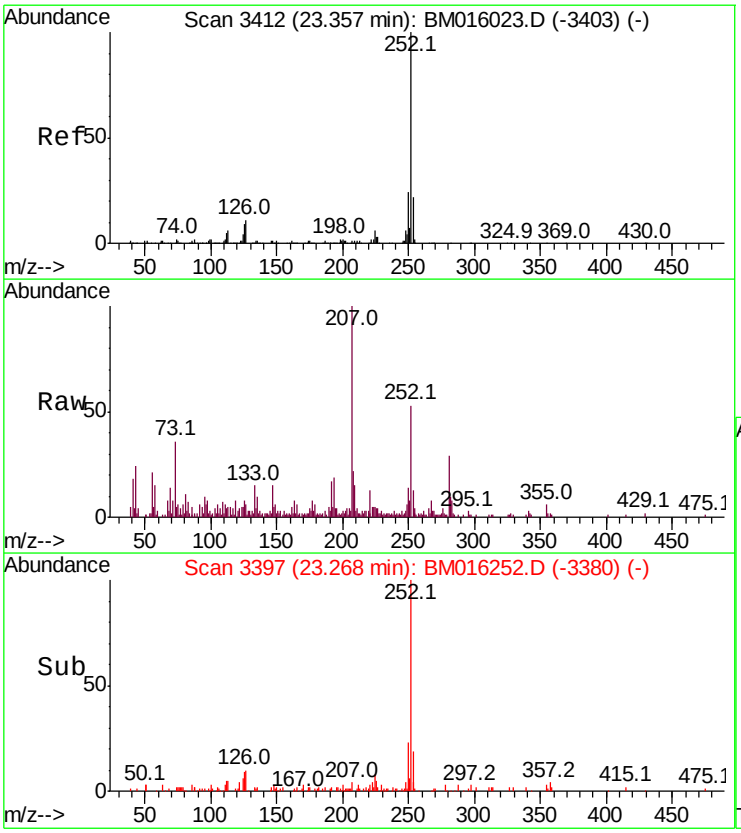
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 231042

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.0	17.3	25.9

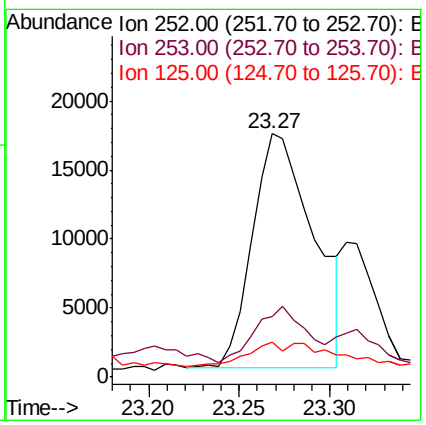


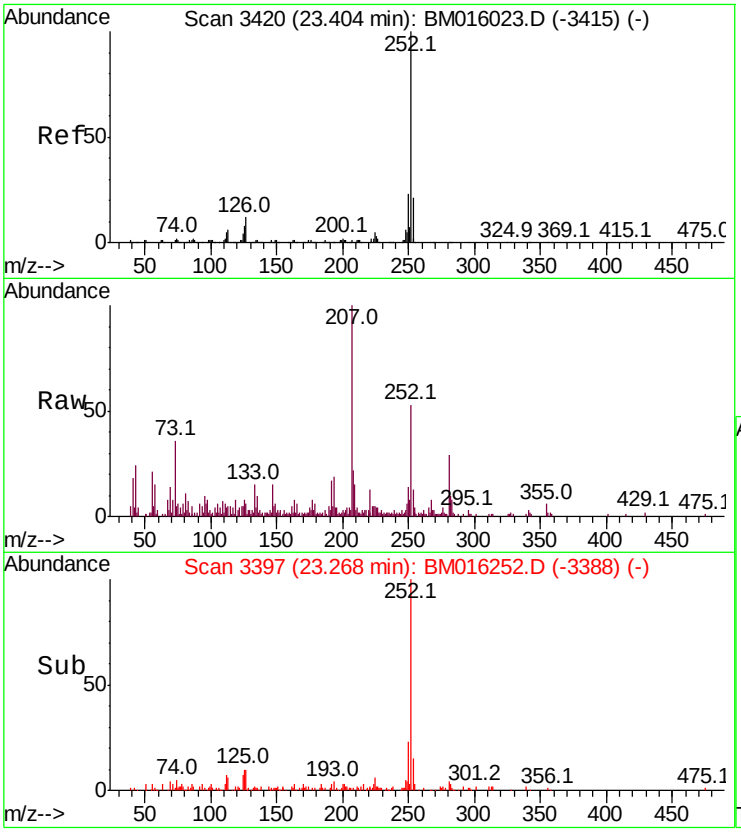


#87
Benzo(b)fluoranthene
Concen: 2.932 ng
RT: 23.27 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:252 Resp: 39882

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	14.3	9.9	14.9



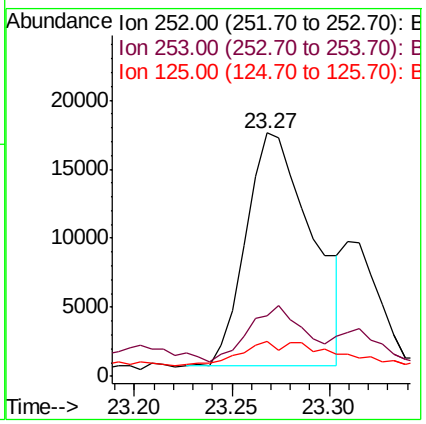


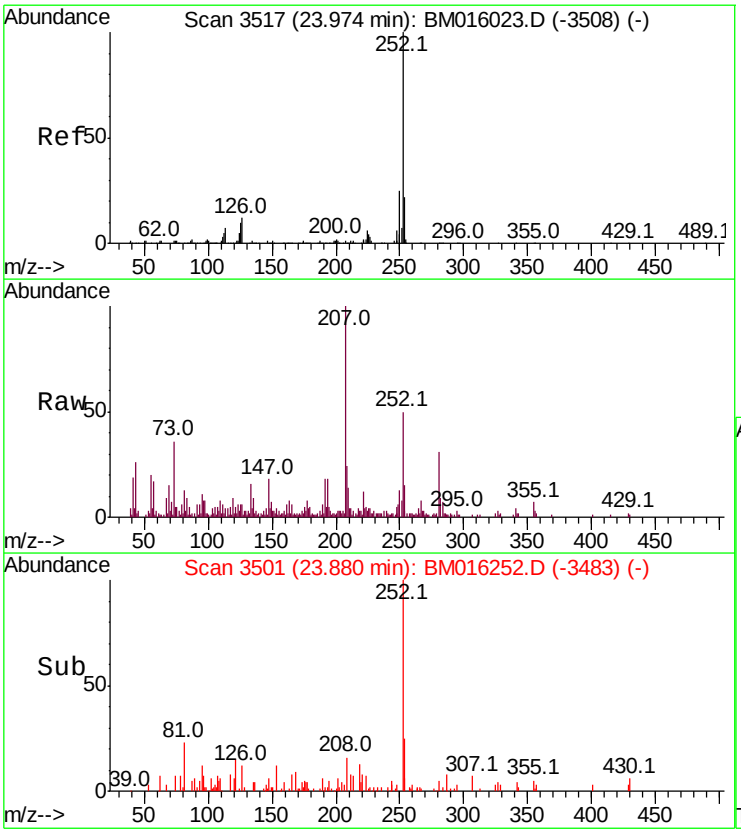
#88
Benzo(k)fluoranthene
Concen: 2.869 ng
RT: 23.27 min Scan# 3397
Delta R.T. -0.05 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 39549

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	14.3	8.1	12.1#

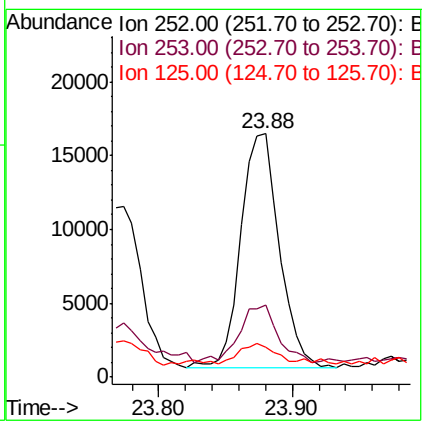


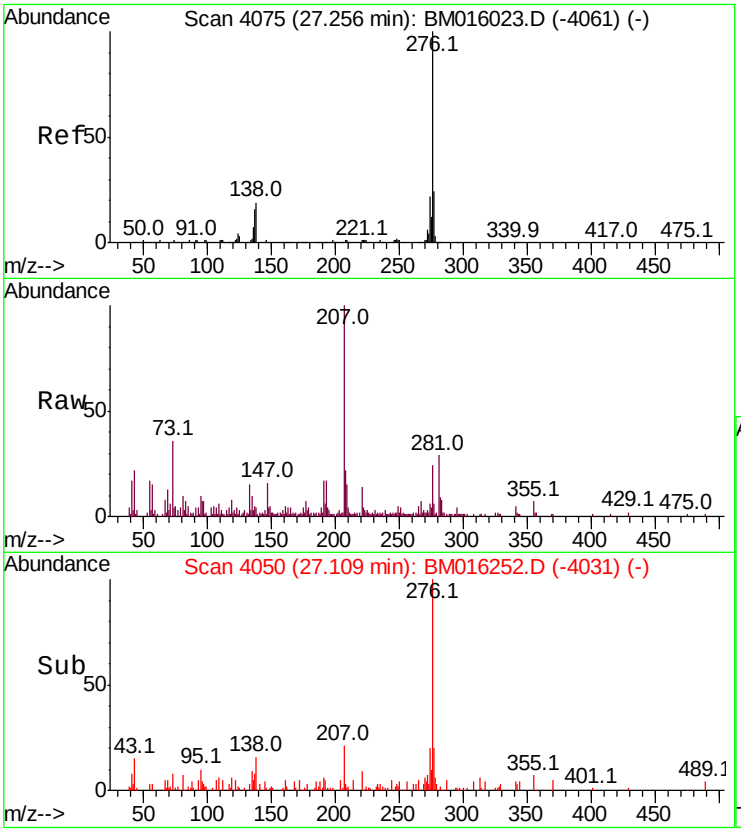


#89
Benzo(a)pyrene
Concen: 2.413 ng
RT: 23.88 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Tgt Ion:252 Resp: 31559

Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.6	26.4#
125	12.5	7.4	11.2#





#91
Benzo(g,h,i)perylene
Concen: 2.116 ng
RT: 27.11 min Scan# 4050
Delta R.T. 0.01 min
Lab File: BM016252.D
Acq: 08 Aug 2018 16:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 27115

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.5	27.7
138	16.5	19.0	28.6#