Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
Data File : BM016260.D
Acq On : 08 Aug 2018 21:22
Operator : SJ/JU
Sample : J4313-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C-9

Quant Time: Aug 09 01:41:19 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	44383	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	156648	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	73331	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	142780	20.00	ng		0.00
75) Chrysene-d12	21.64	240	159172	20.00	ng		0.00
86) Perylene-d12	23.97	264	175143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	274927	102.90	ng		0.00
7) Phenol-d6	7.30	99	324178	92.91	ng		0.00
23) Nitrobenzene-d5	9.32	82	245613	72.93	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	84752	91.12	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	426455	70.76	ng		0.00
78) Terphenyl-d14	20.09	244	551677	72.55	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.22	163	34110	5.315	ng		99
70) Phenanthrene	17.54	178	52877	6.615	ng		100
74) Fluoranthene	19.54	202	95072	10.662	ng		98
77) Pyrene	19.90	202	86657	9.085	ng		97
80) Benzo(a)anthracene	21.62	228	54471	5.556	ng		95
82) Chrysene	21.67	228	47293	5.029	ng		96
85) Indeno(1,2,3-cd)pyrene	26.36	276	40674	3.645	ng	#	95
87) Benzo(b)fluoranthene	23.27	252	73192	7.098	ng		97
88) Benzo(k)fluoranthene	23.27	252	71550	6.846	ng	#	93
89) Benzo(a)pyrene	23.87	252	54463	5.494	ng		98
91) Benzo(g,h,i)perylene	27.10	276	38358	3.949	ng	#	94

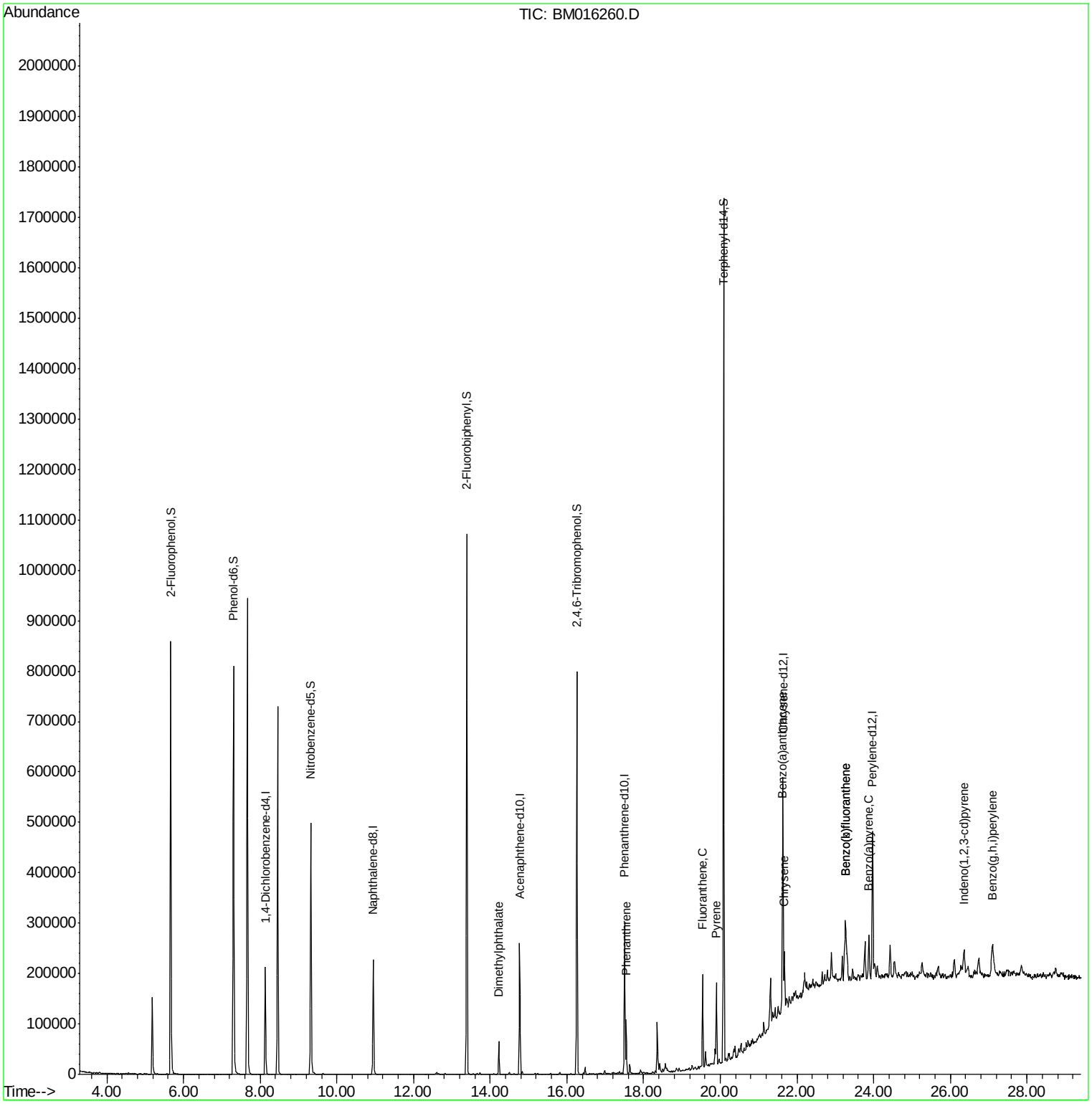
(#) = qualifier out of range (m) = manual integration (+) = signals summed

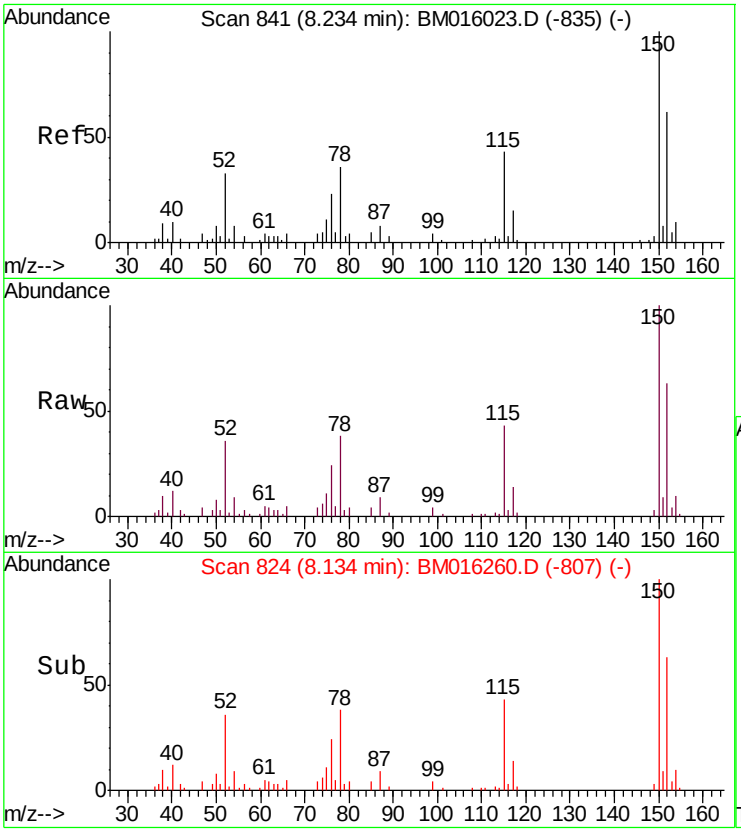
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
Data File : BM016260.D
Acq On : 08 Aug 2018 21:22
Operator : SJ/JU
Sample : J4313-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-9

Quant Time: Aug 09 01:41:19 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



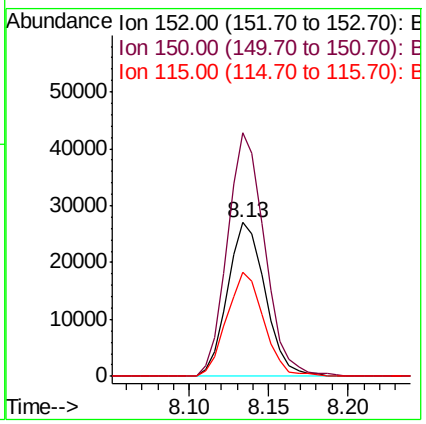


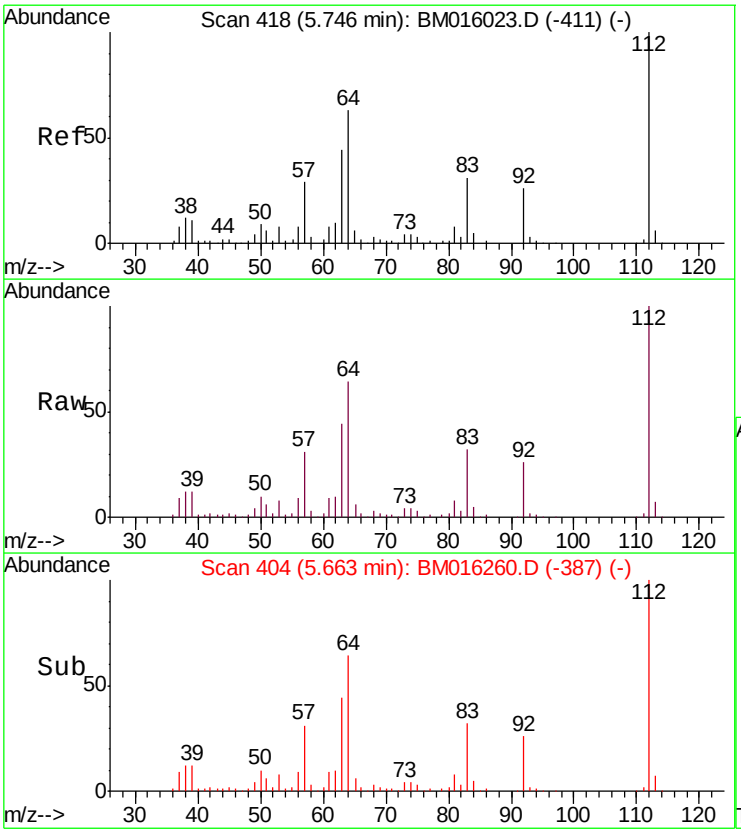
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:152 Resp: 44383

Ion	Ratio	Lower	Upper
152	100		
150	158.4	119.5	179.3
115	67.7	43.0	64.4#

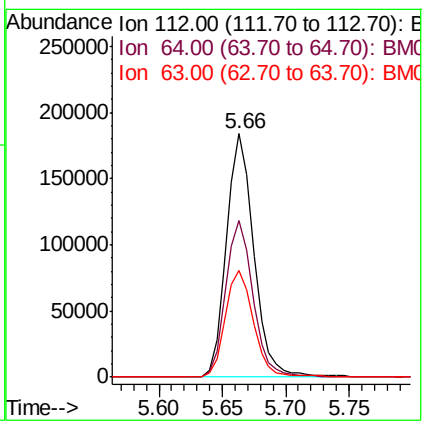


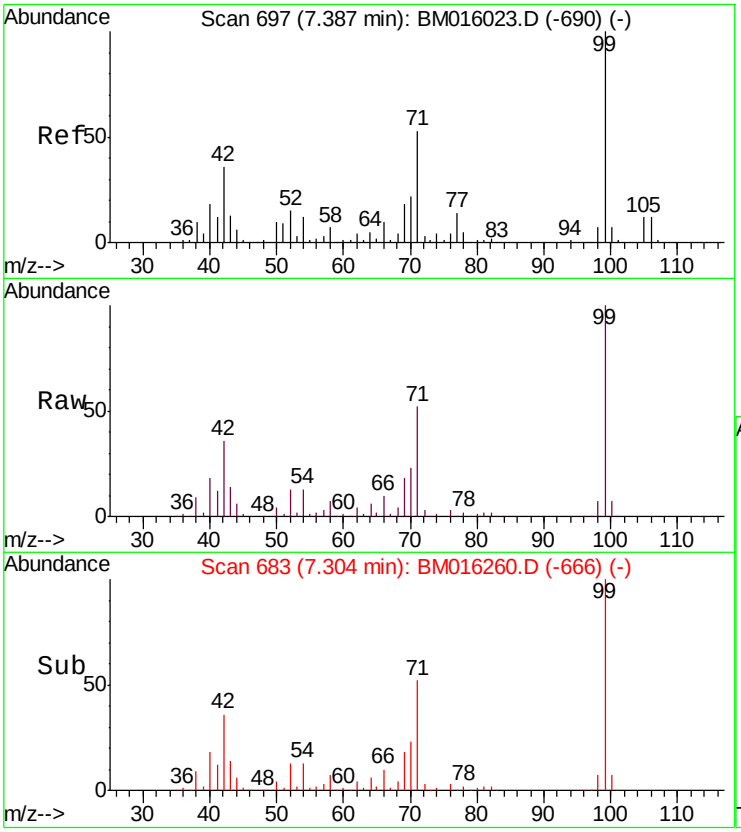


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:112 Resp: 274927

Ion	Ratio	Lower	Upper
112	100		
64	64.3	38.6	57.8#
63	44.0	19.3	28.9#



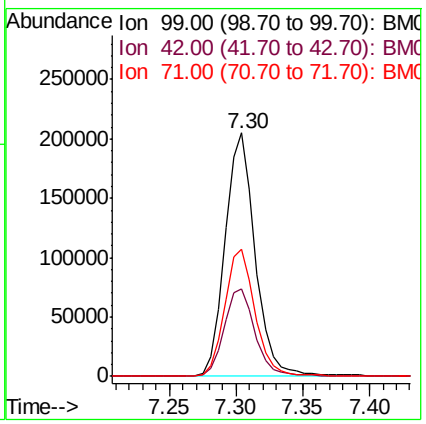


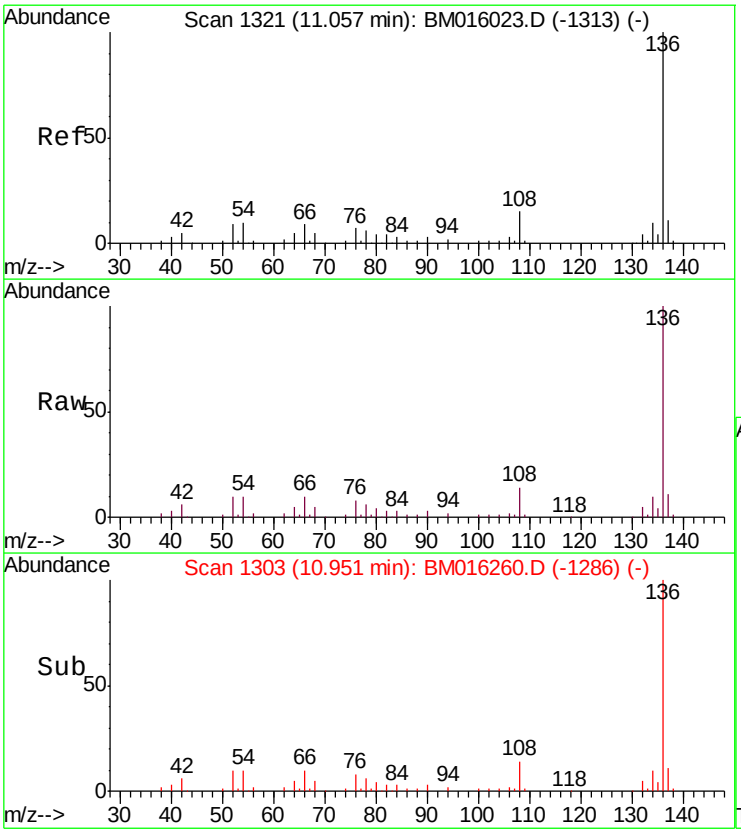
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion: 99 Resp: 324178

Ion	Ratio	Lower	Upper
99	100		
42	36.1	11.0	16.4#
71	52.3	23.4	35.2#

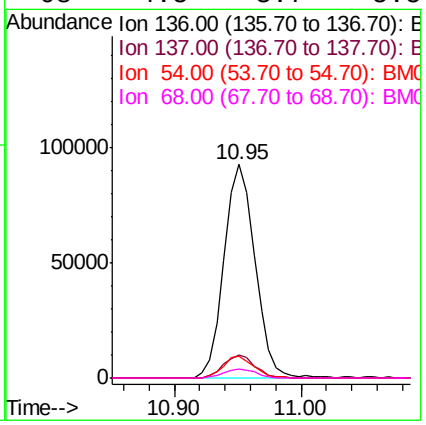


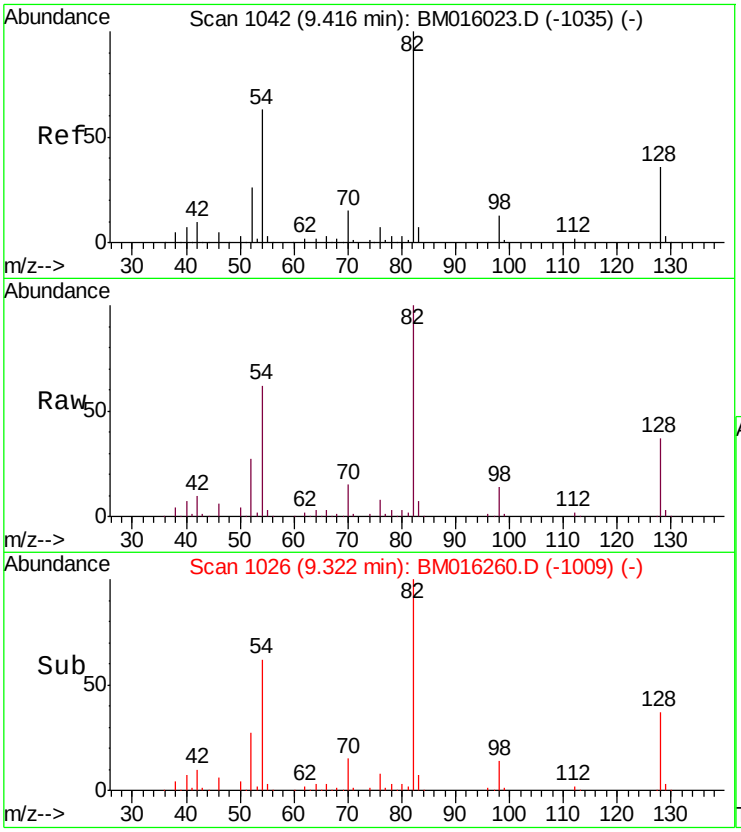


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:136 Resp: 156648

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.1	4.6	6.8#
68	4.5	3.7	5.5



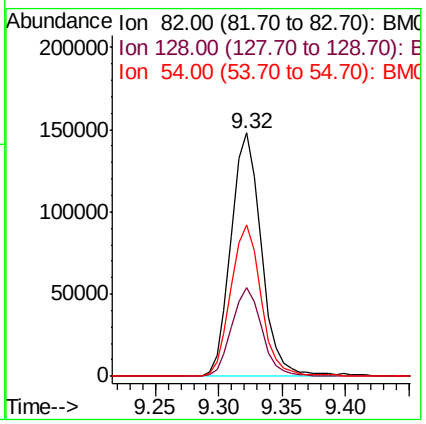


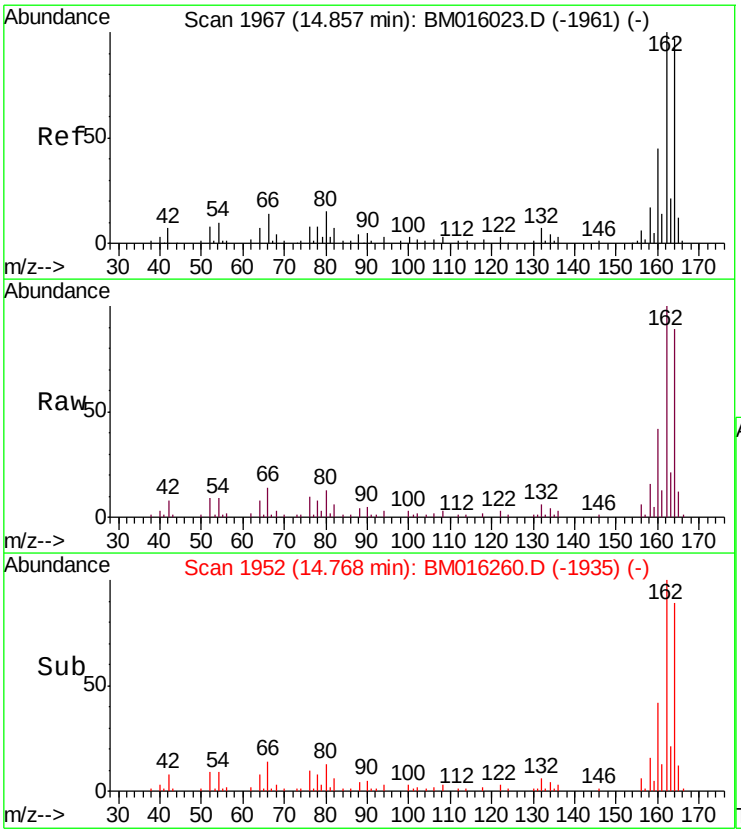
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion: 82 Resp: 245613

Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.8	49.2
54	62.1	40.6	60.8#

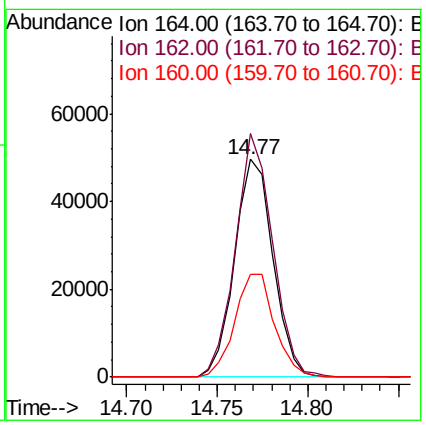


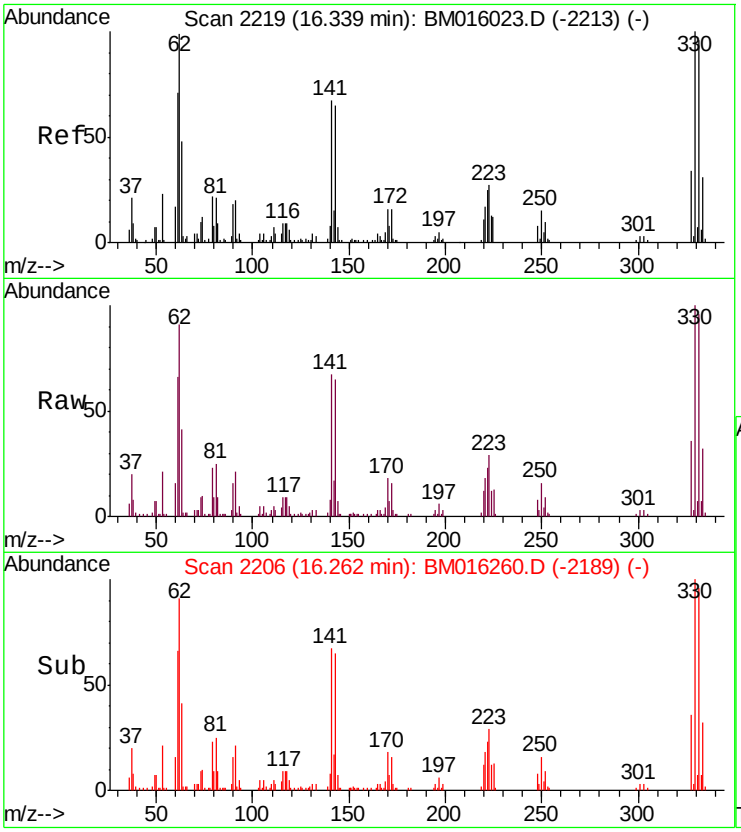


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:164 Resp: 73331

Ion	Ratio	Lower	Upper
164	100		
162	111.9	82.4	123.6
160	47.3	35.8	53.6



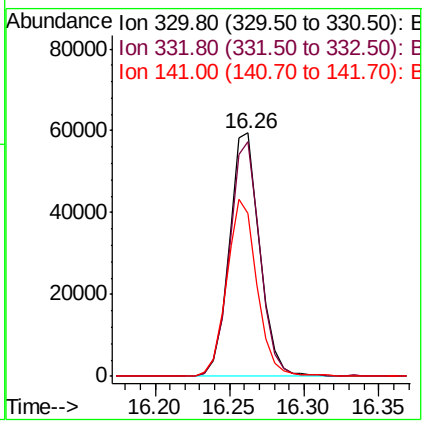


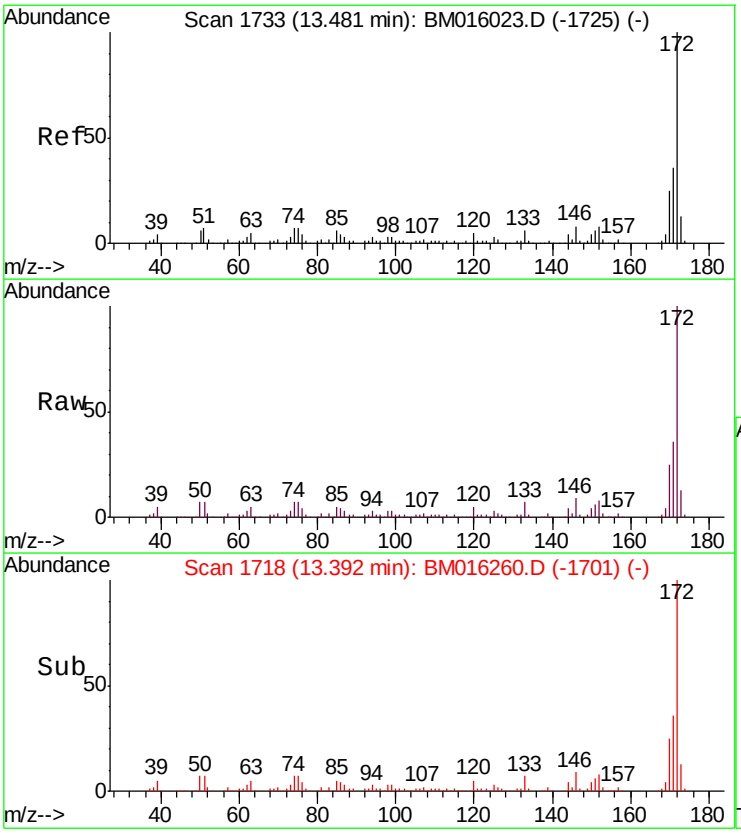
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:330 Resp: 84752

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	72.4	0.0	0.0#

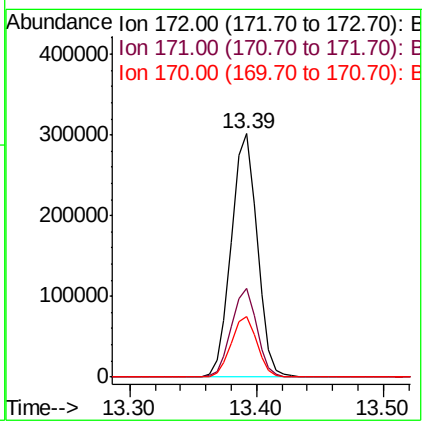


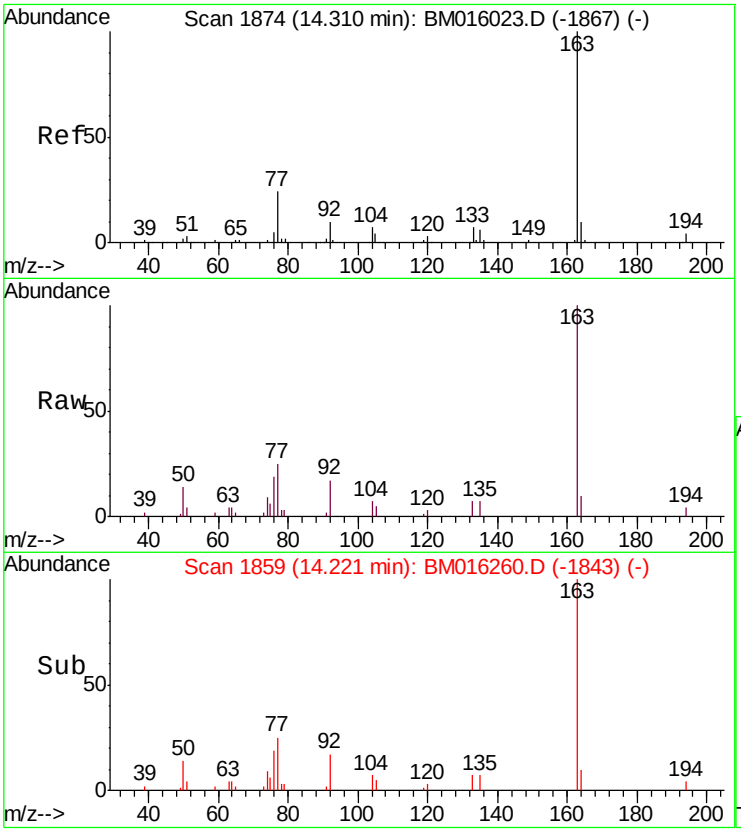


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:172 Resp: 426455

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	24.8	18.8	28.2



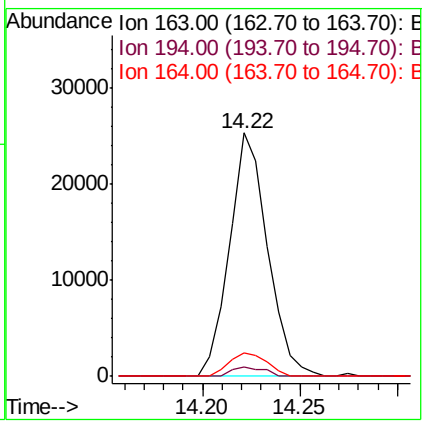


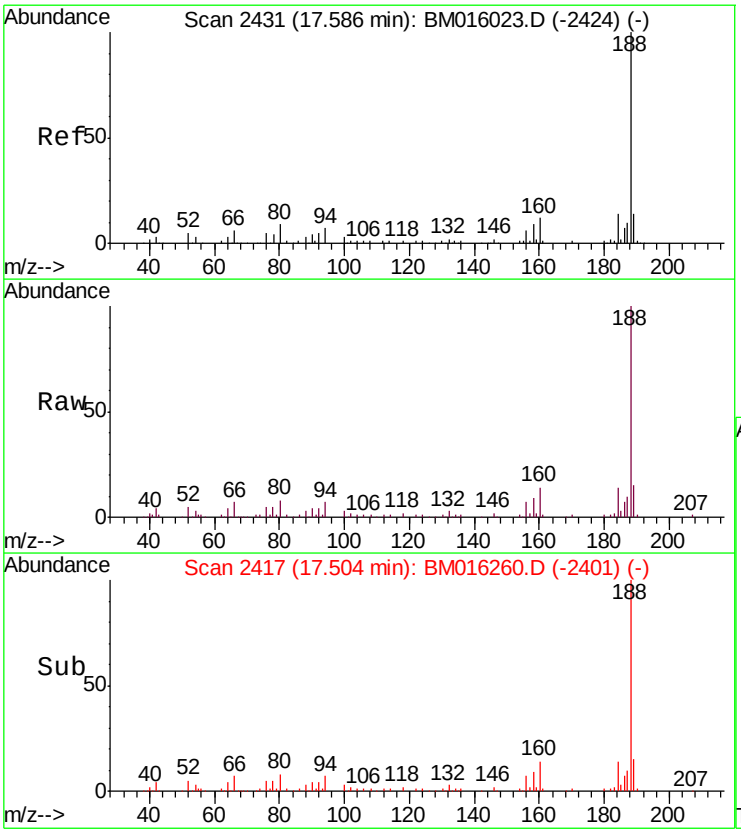
#49
Dimethylphthalate
Concen: 5.315 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:163 Resp: 34110

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2

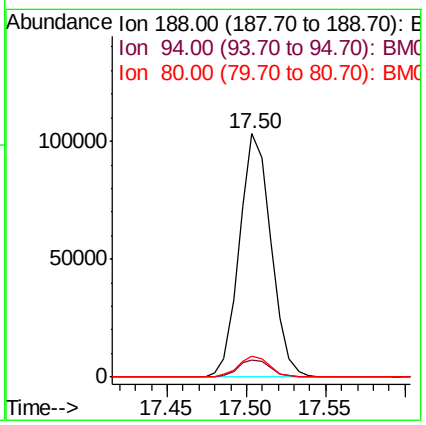


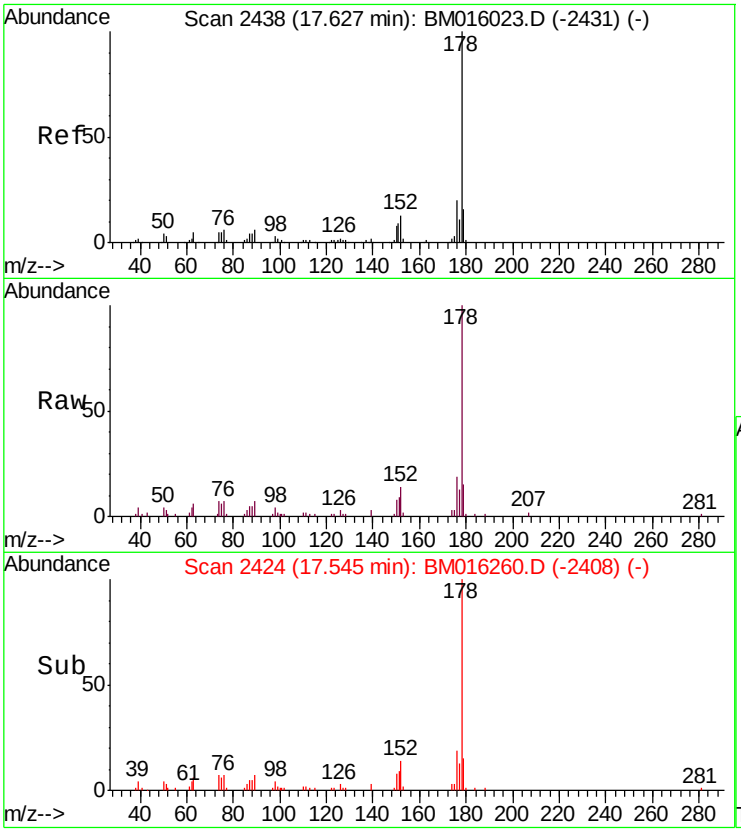


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:188 Resp: 142780

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	8.4	9.3	13.9#



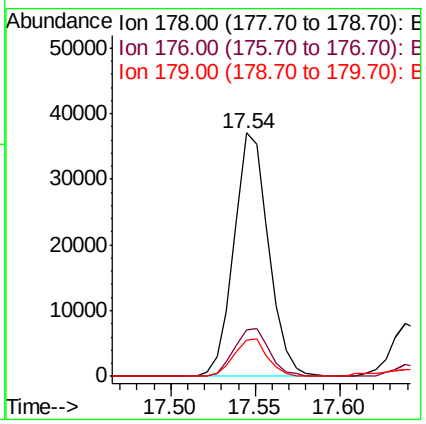


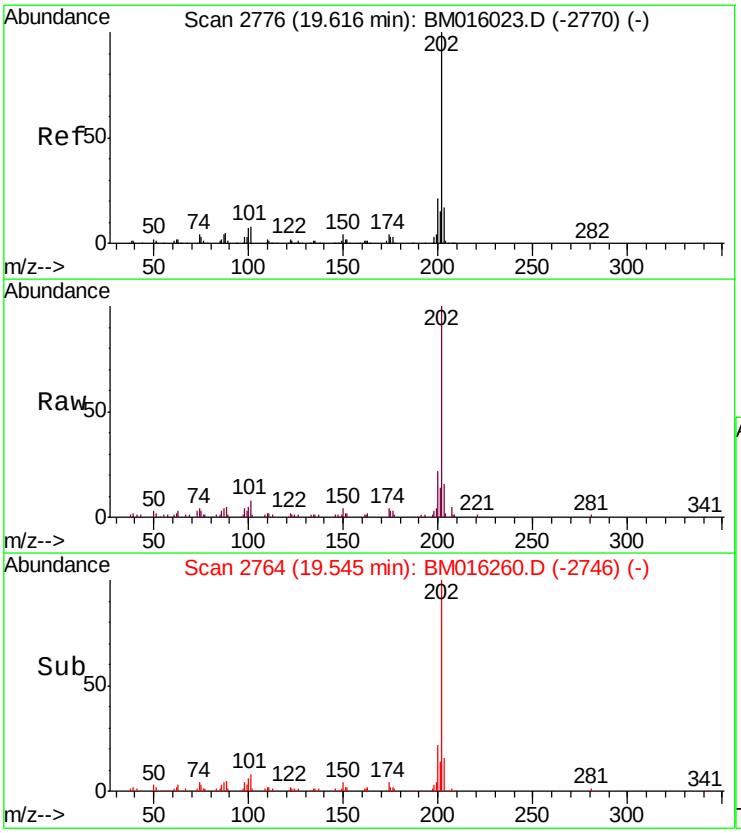
#70
Phenanthrene
Concen: 6.615 ng
RT: 17.54 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:178 Resp: 52877

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.1	12.1	18.1

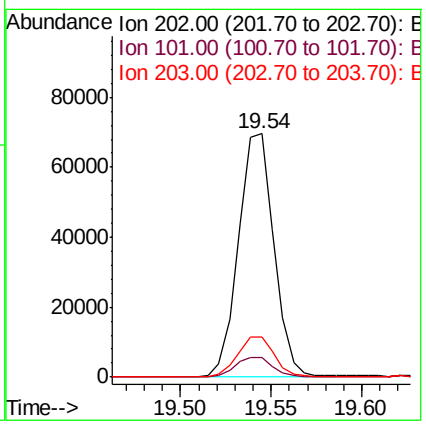


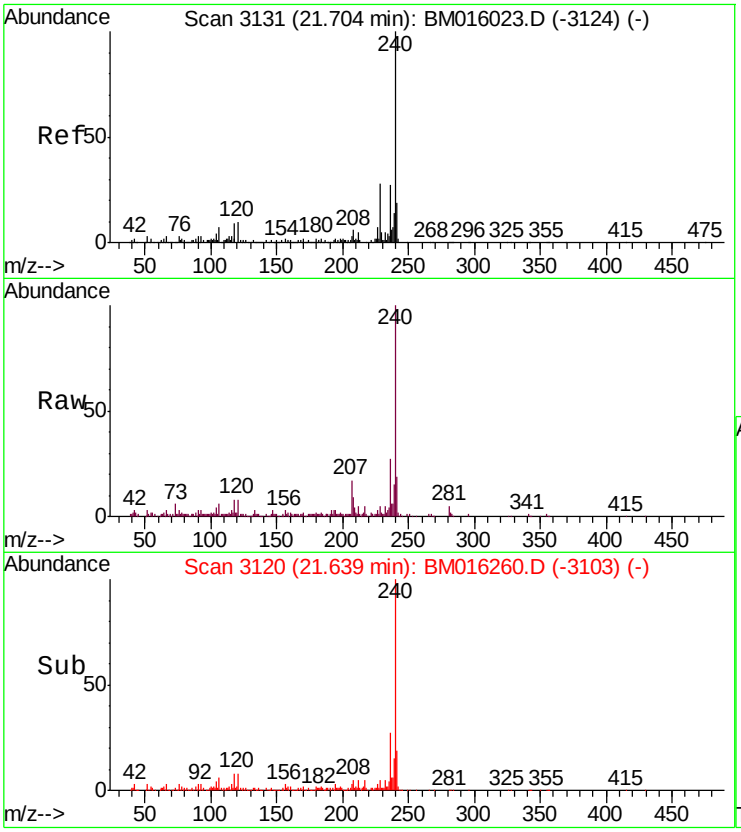


#74
Fluoranthene
Concen: 10.662 ng
RT: 19.54 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:202 Resp: 95072

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.7
203	16.3	0.0	37.2



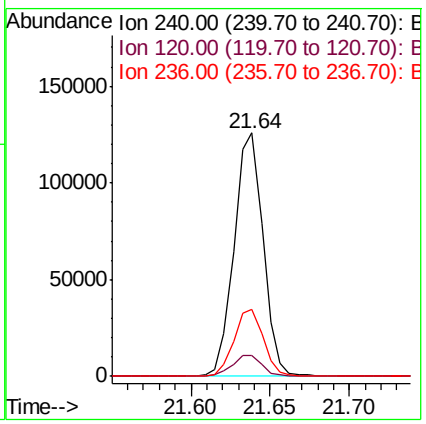


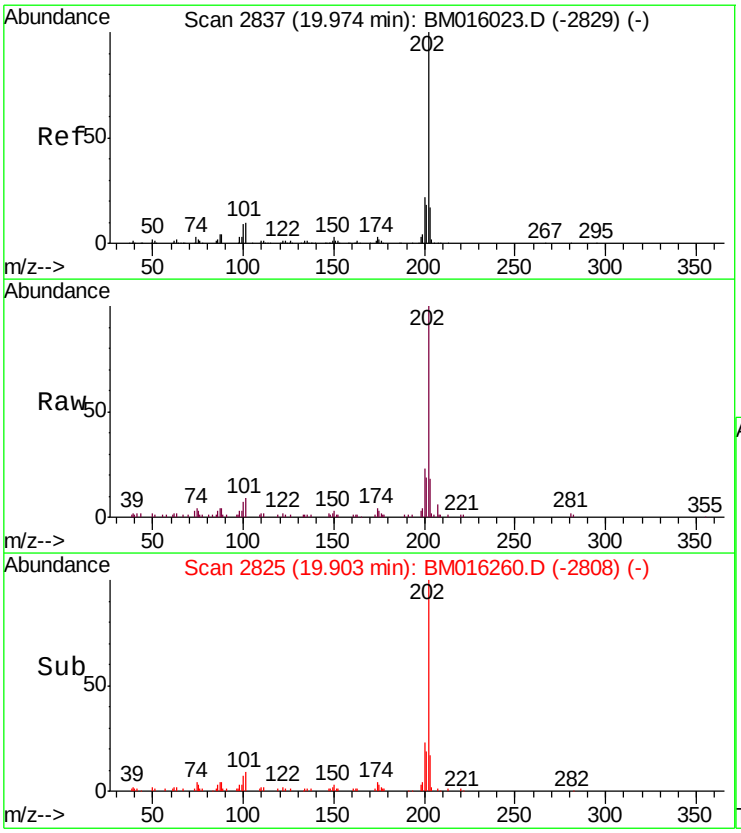
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:240 Resp: 159172

Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.2	12.2
236	27.4	20.0	30.0

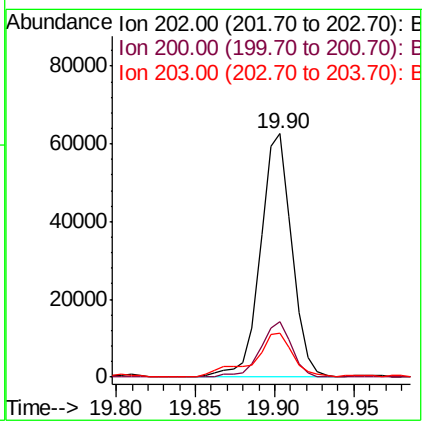


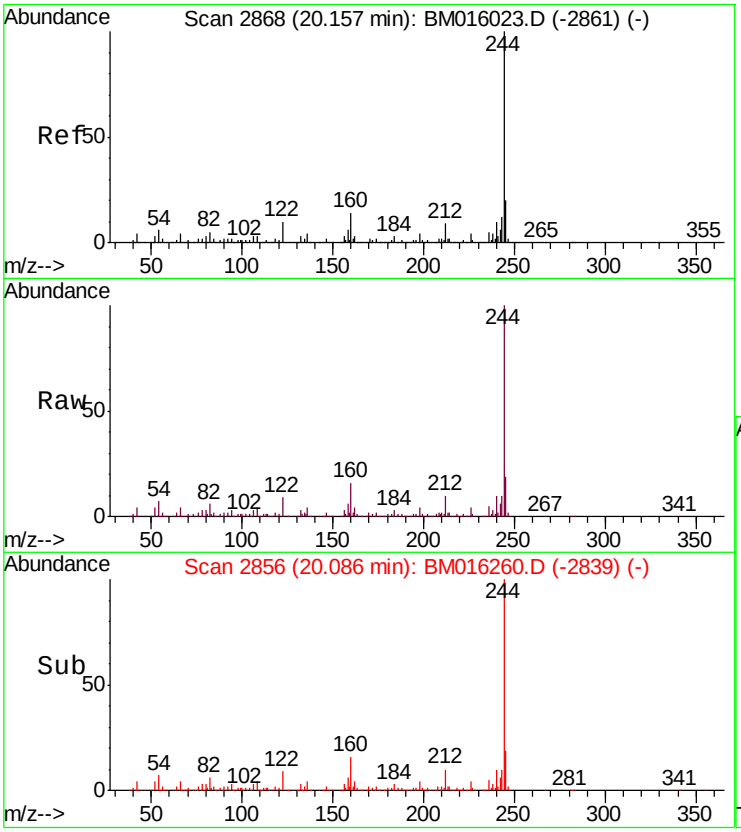


#77
Pyrene
Concen: 9.085 ng
RT: 19.90 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:202 Resp: 86657

Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	18.1	14.1	21.1



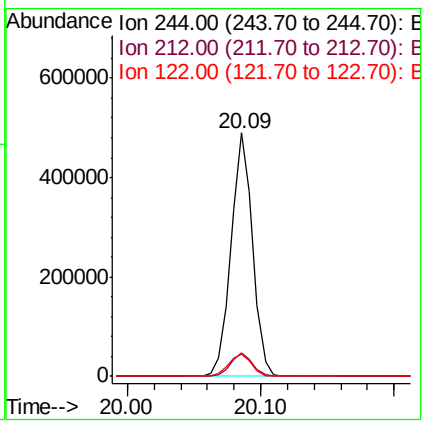


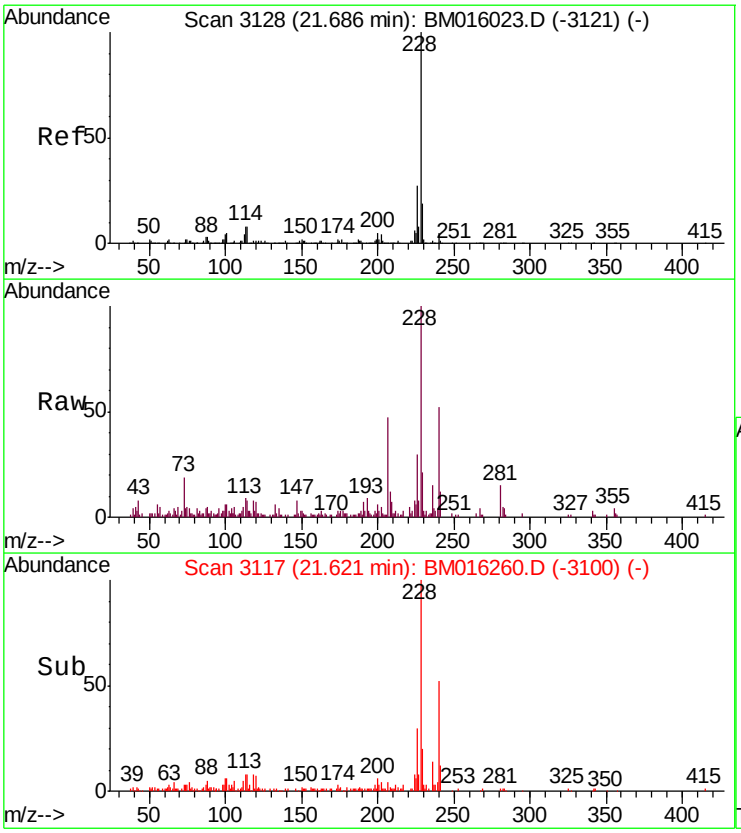
#78
Terphenyl-d14
Concen: 9.085 ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:244 Resp: 551677

Ion	Ratio	Lower	Upper
244	100		
212	9.6	4.9	7.3#
122	9.4	6.2	9.4

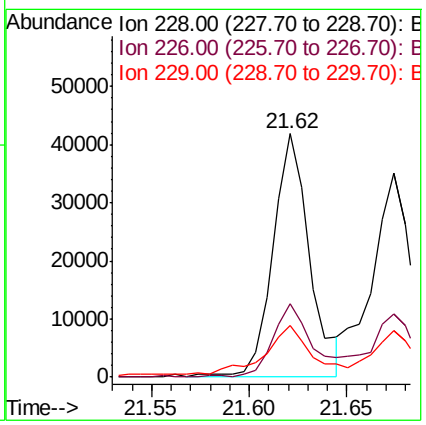


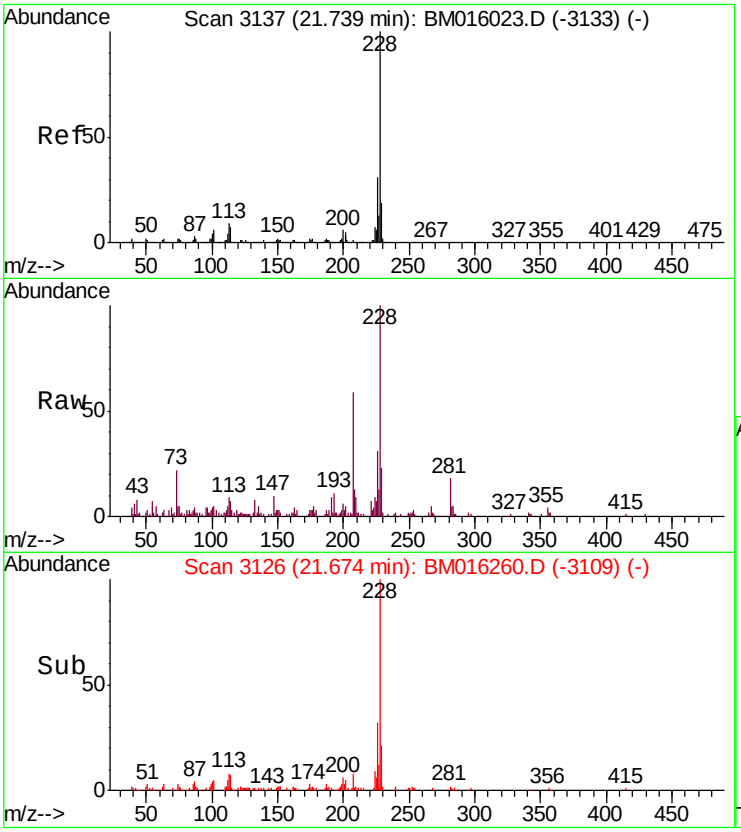


#80
Benzo(a)anthracene
Concen: 5.556 ng
RT: 21.62 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:228 Resp: 54471

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.7	32.5
229	21.2	16.0	24.0



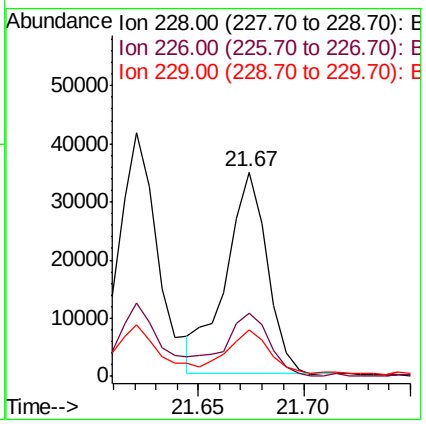


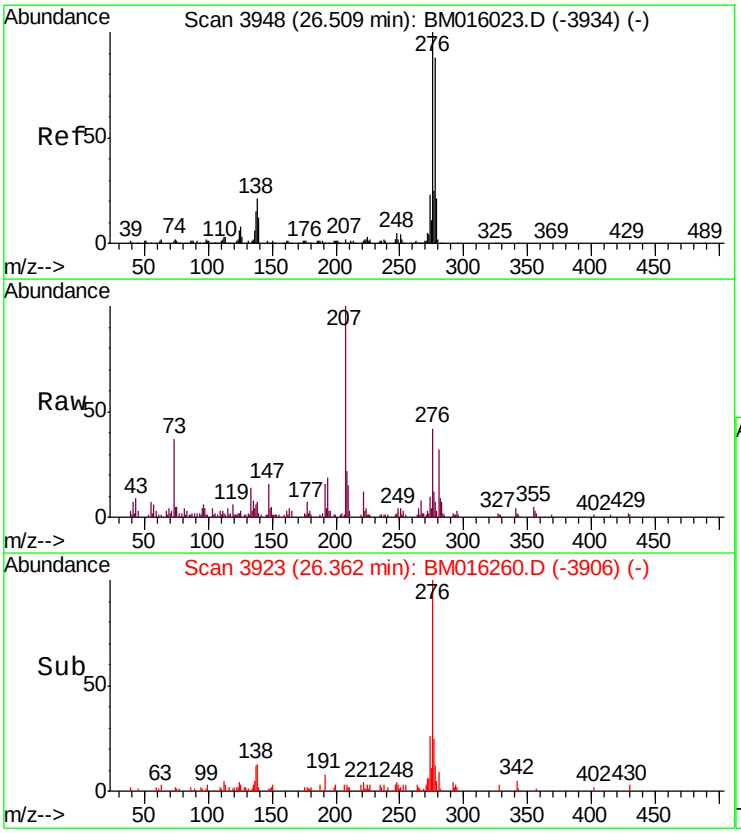
#82
Chrysene
Concen: 5.029 ng
RT: 21.67 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:228 Resp: 47293

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.1	36.1
229	23.0	15.5	23.3

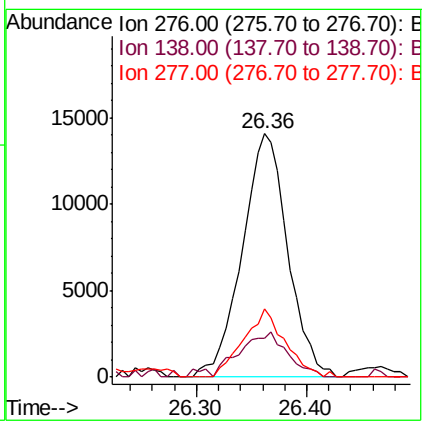


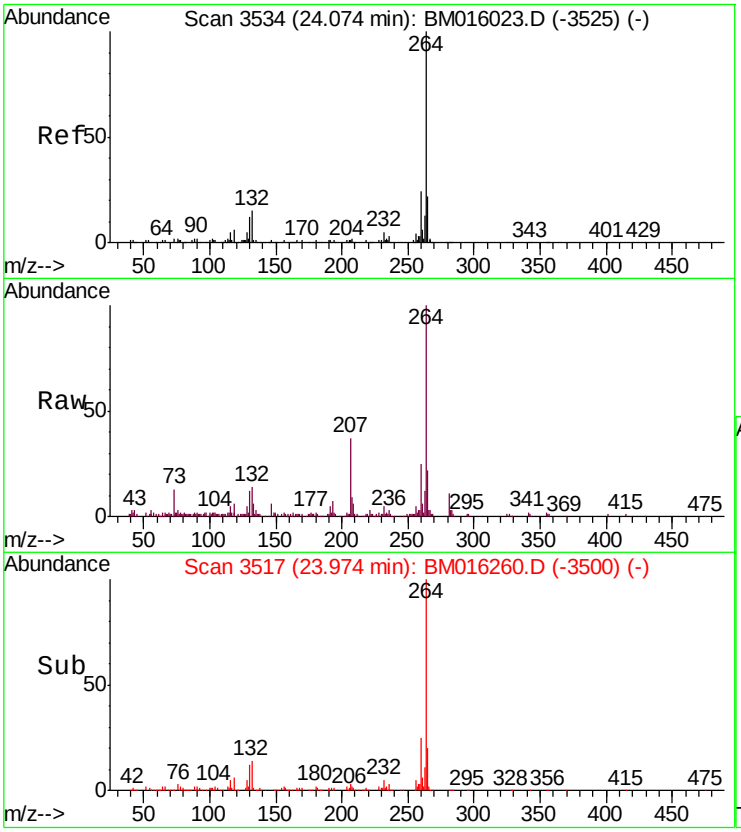


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.645 ng
RT: 26.36 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:276 Resp: 40674

Ion	Ratio	Lower	Upper
276	100		
138	19.1	12.0	18.0#
277	25.7	20.0	30.0



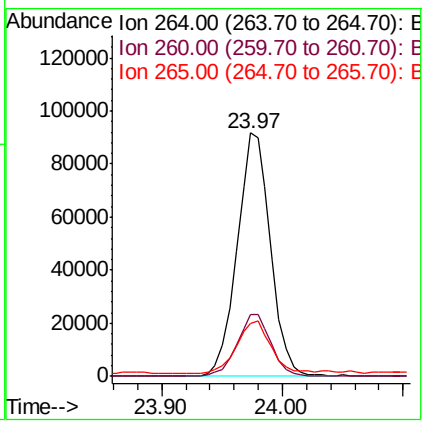


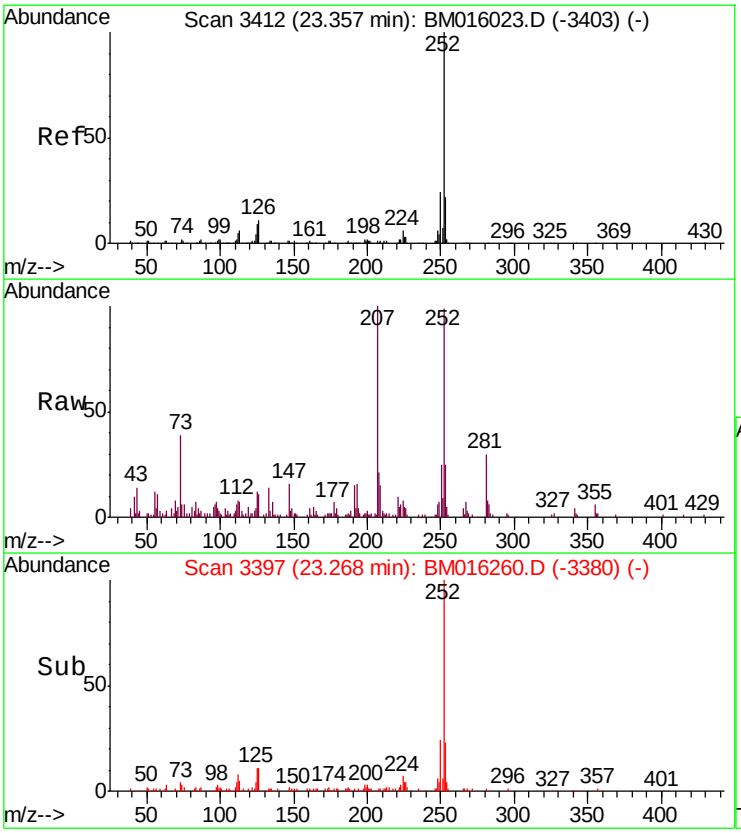
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:264 Resp: 175143

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	21.7	17.3	25.9

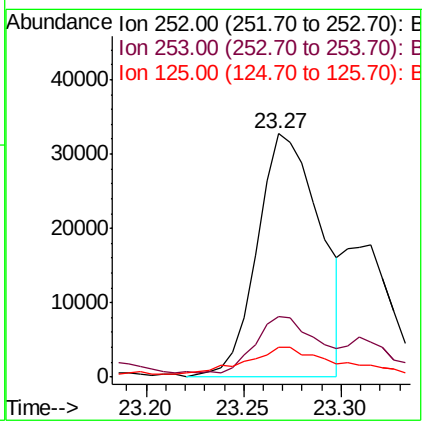


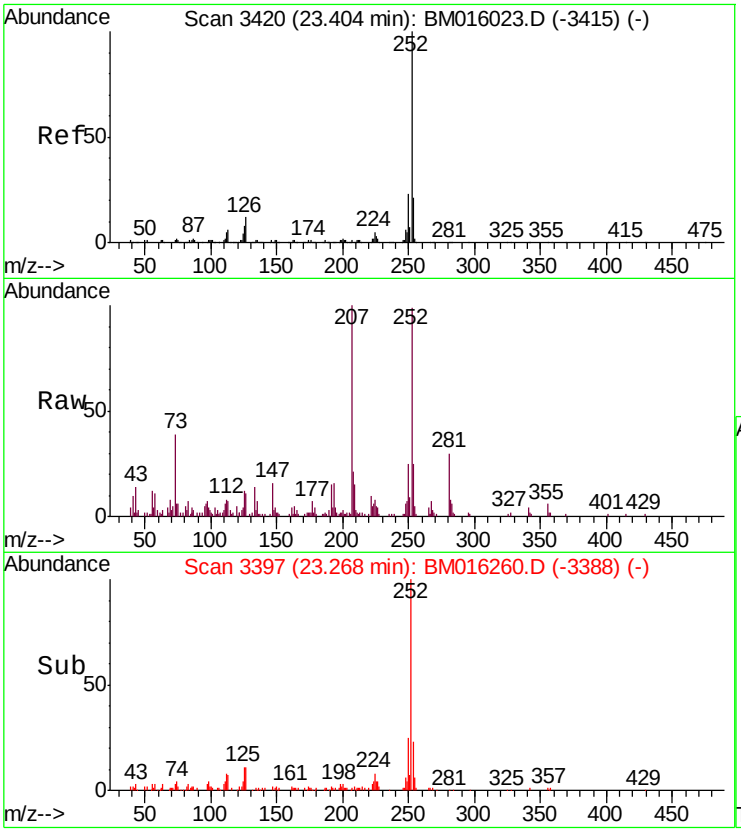


#87
Benzo(b)fluoranthene
Concen: 7.098 ng
RT: 23.27 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:252 Resp: 73192

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	12.4	9.9	14.9



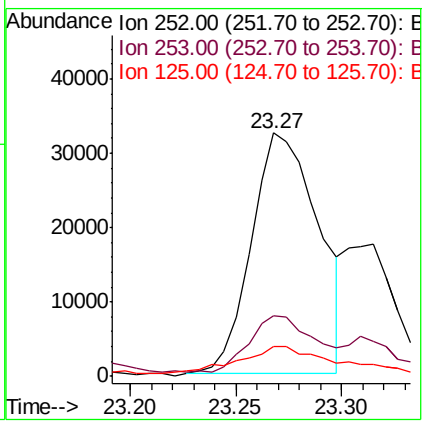


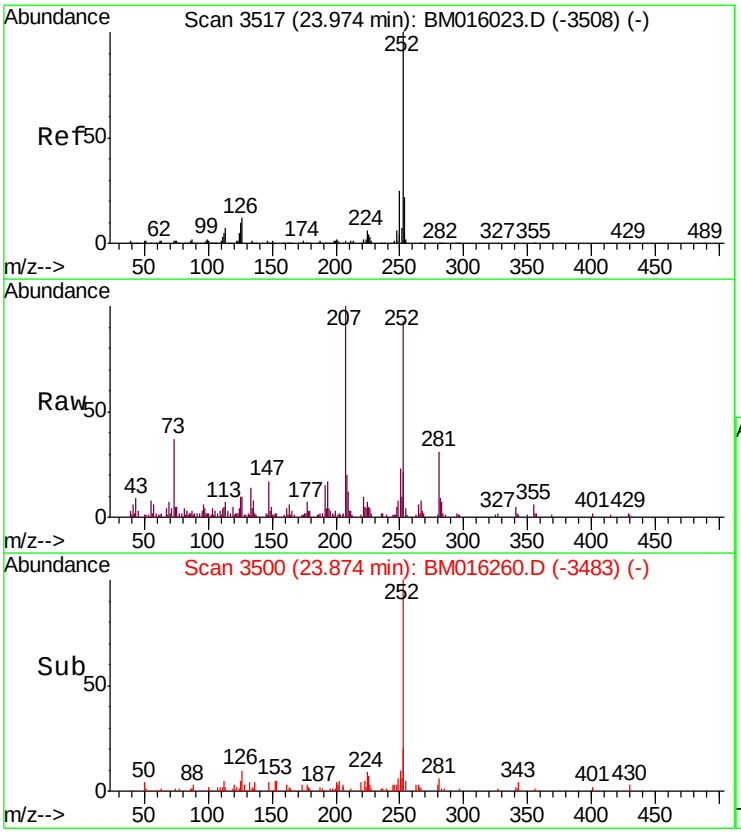
#88
Benzo(k)fluoranthene
Concen: 6.846 ng
RT: 23.27 min Scan# 3397
Delta R.T. -0.05 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:252 Resp: 71550

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	12.4	8.1	12.1#

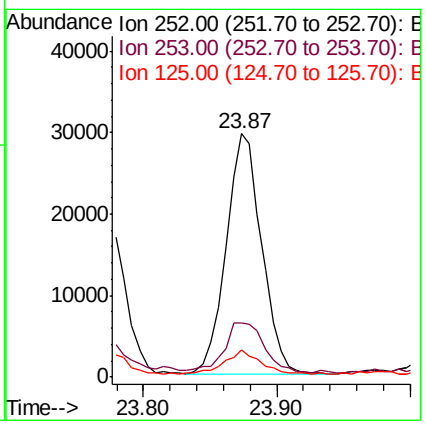


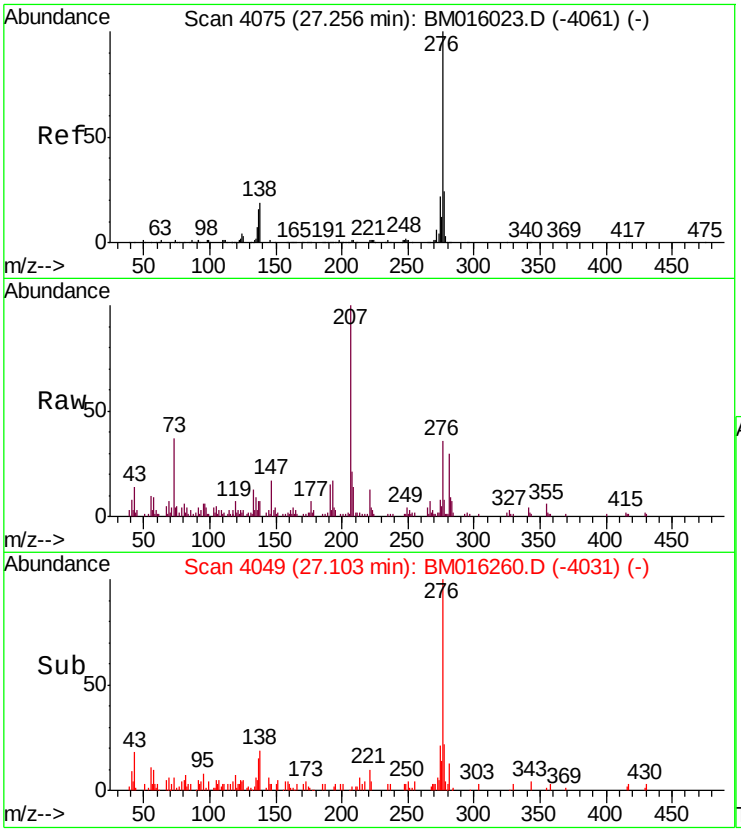


#89
Benzo(a)pyrene
Concen: 5.494 ng
RT: 23.87 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Tgt Ion:252 Resp: 54463

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.0	7.4	11.2





#91
Benzo(g,h,i)perylene
Concen: 3.949 ng
RT: 27.10 min Scan# 4049
Delta R.T. 0.01 min
Lab File: BM016260.D
Acq: 08 Aug 2018 21:22

Instrument :
BNA_M
ClientSampleId :
C-9

Tgt Ion:276 Resp: 38358

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.5	27.7
138	18.9	19.0	28.6#