Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017932.D
Acq On : 05 Dec 2018 09:36
Operator : JU/SJ
Sample : J6162-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0C10-01B1-(0-6)

Quant Time: Dec 05 11:11:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

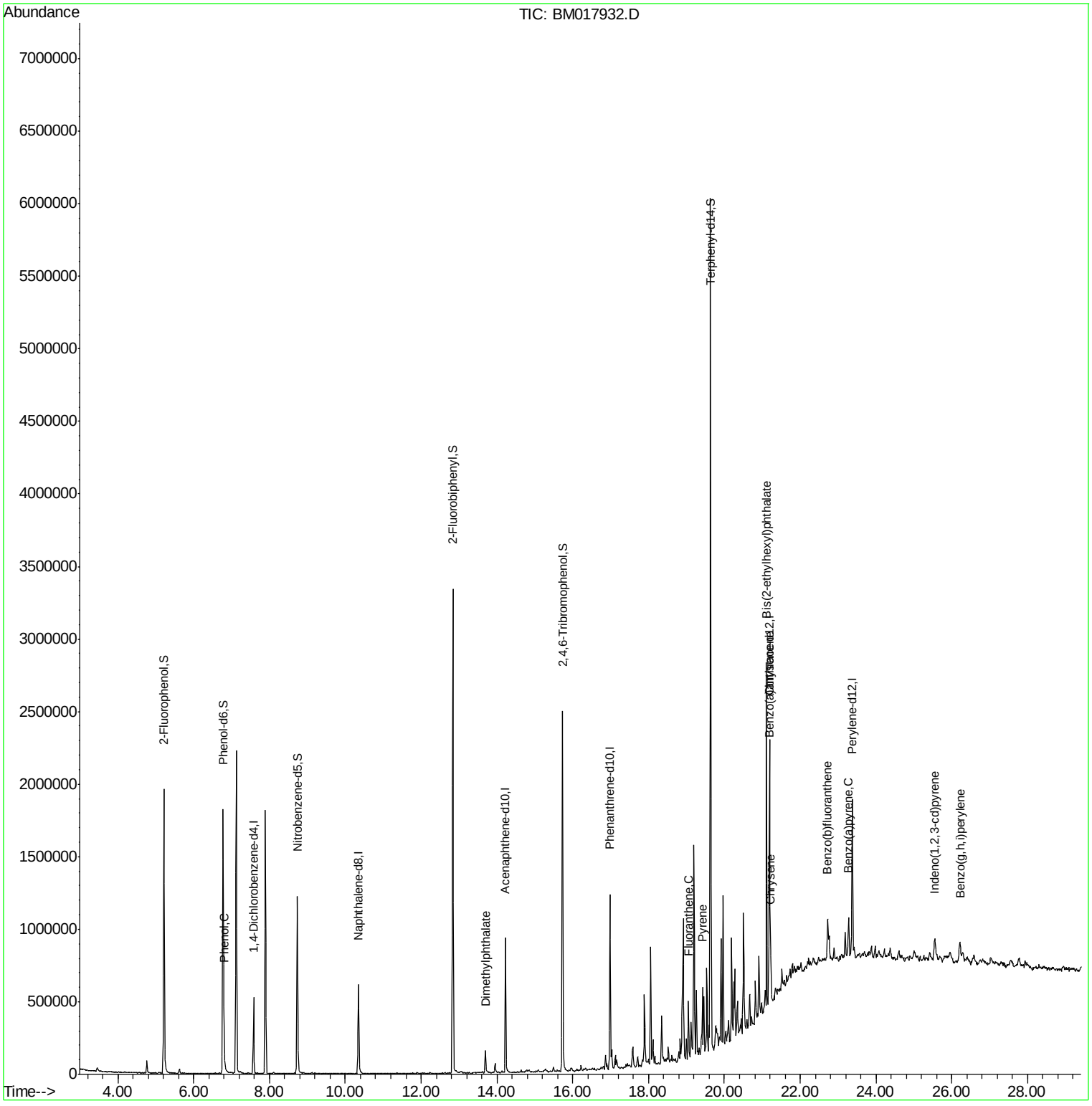
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	141462	20.00	ng		-0.04
21) Naphthalene-d8	10.35	136	556521	20.00	ng		-0.04
39) Acenaphthene-d10	14.23	164	308461	20.00	ng		-0.04
64) Phenanthrene-d10	16.99	188	694748	20.00	ng		-0.03
76) Chrysene-d12	21.19	240	761908	20.00	ng		-0.02
87) Perylene-d12	23.37	264	800819	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	926197	110.50	ng		-0.03
7) Phenol-d6	6.77	99	1194861	102.06	ng		-0.03
23) Nitrobenzene-d5	8.73	82	735076	68.19	ng		-0.04
42) 2,4,6-Tribromophenol	15.73	330	505418	114.03	ng		-0.03
45) 2-Fluorobiphenyl	12.84	172	1745048	73.39	ng		-0.04
79) Terphenyl-d14	19.63	244	2590070	77.05	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.80	94	60786	4.947	ng		94
50) Dimethylphthalate	13.70	163	115675	4.612	ng		99
75) Fluoranthene	19.06	202	231944	5.438	ng		99
78) Pyrene	19.42	202	283975	6.041	ng		100
81) Benzo(a)anthracene	21.18	228	137273	3.127	ng		94
83) Chrysene	21.23	228	141099	3.310	ng		97
84) Bis(2-ethylhexyl)phthalate	21.12	149	833310	29.522	ng		100
86) Indeno(1,2,3-cd)pyrene	25.55	276	130942	3.843	ng		97
88) Benzo(b)fluoranthene	22.73	252	210222	4.482	ng	#	93
90) Benzo(a)pyrene	23.28	252	170570	3.989	ng		96
92) Benzo(g,h,i)perylene	26.21	276	144915	4.287	ng		96

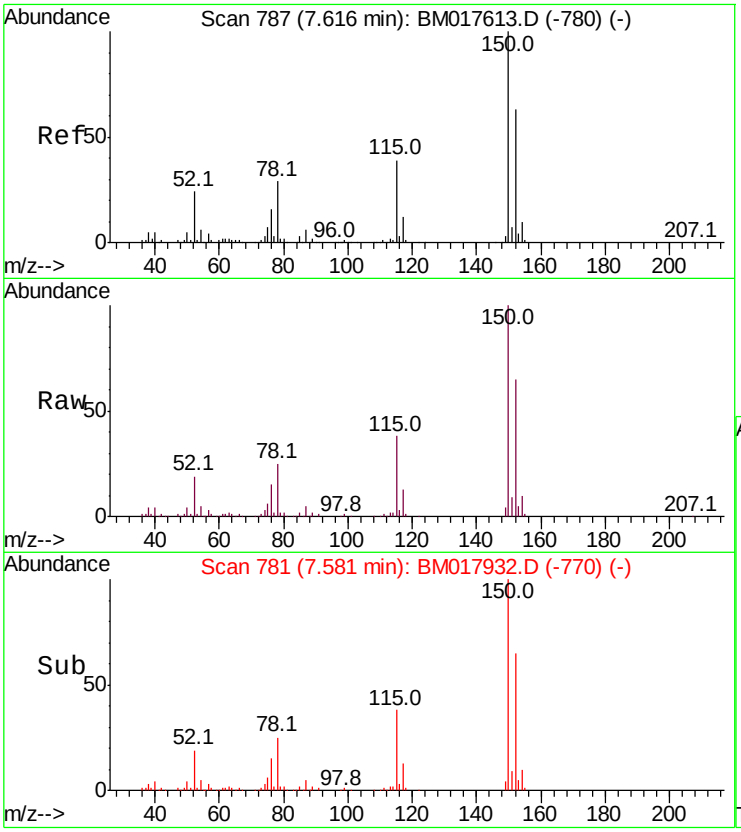
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017932.D
Acq On : 05 Dec 2018 09:36
Operator : JU/SJ
Sample : J6162-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Quant Time: Dec 05 11:11:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration



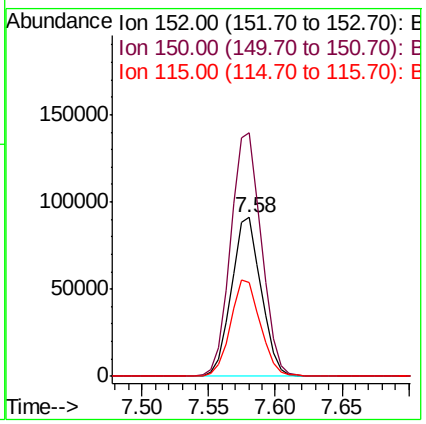


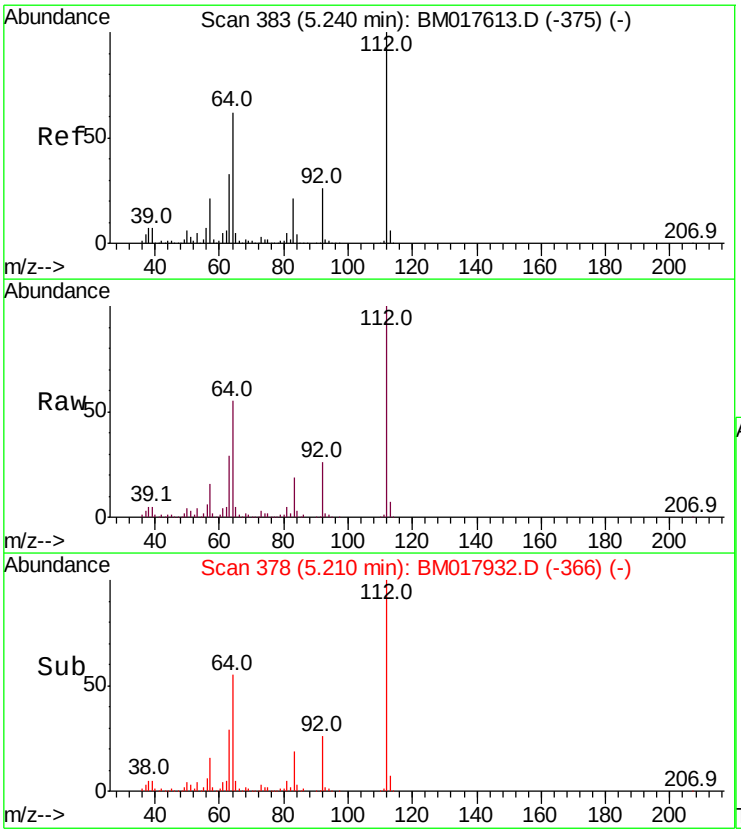
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:152 Resp: 141462

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.4	189.6
115	58.9	49.4	74.0

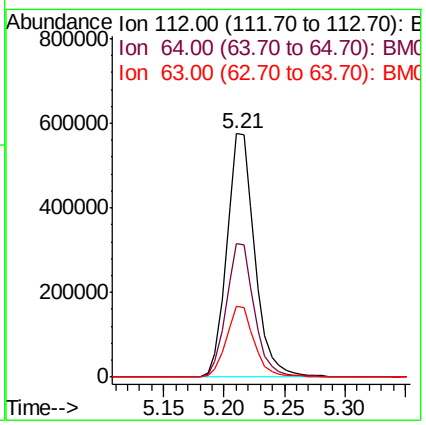


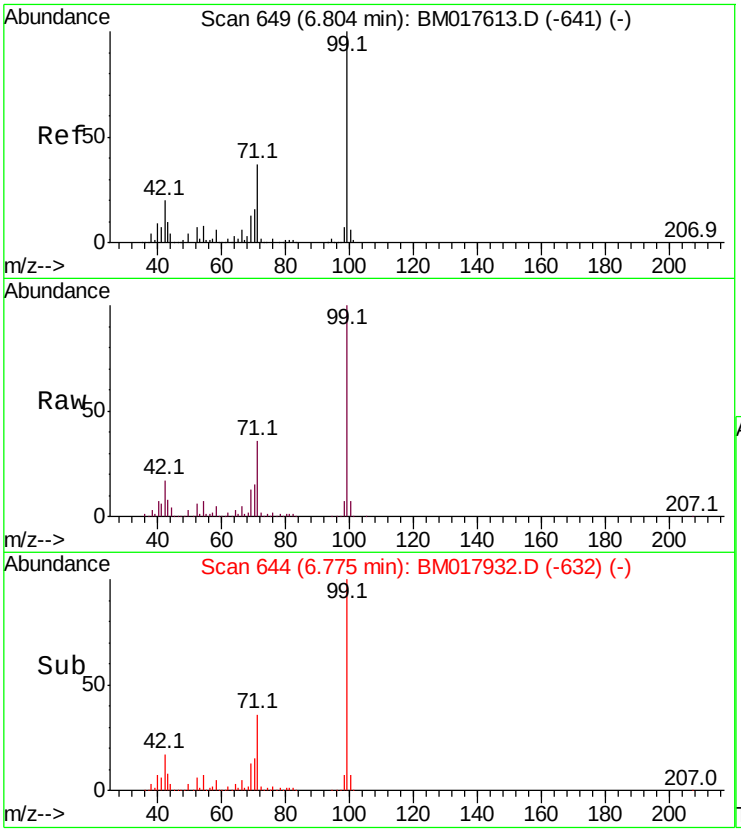


#5
2-Fluorophenol
Concen: 110.496 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:112 Resp: 926197

Ion	Ratio	Lower	Upper
112	100		
64	55.1	49.3	73.9
63	29.0	26.2	39.4



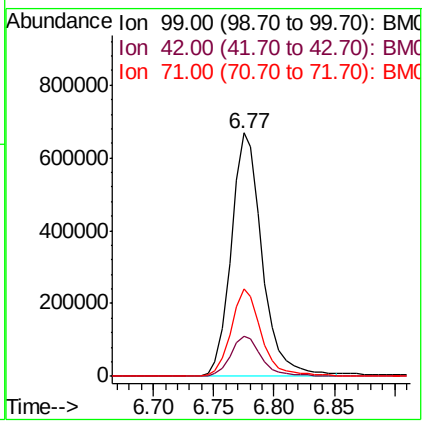


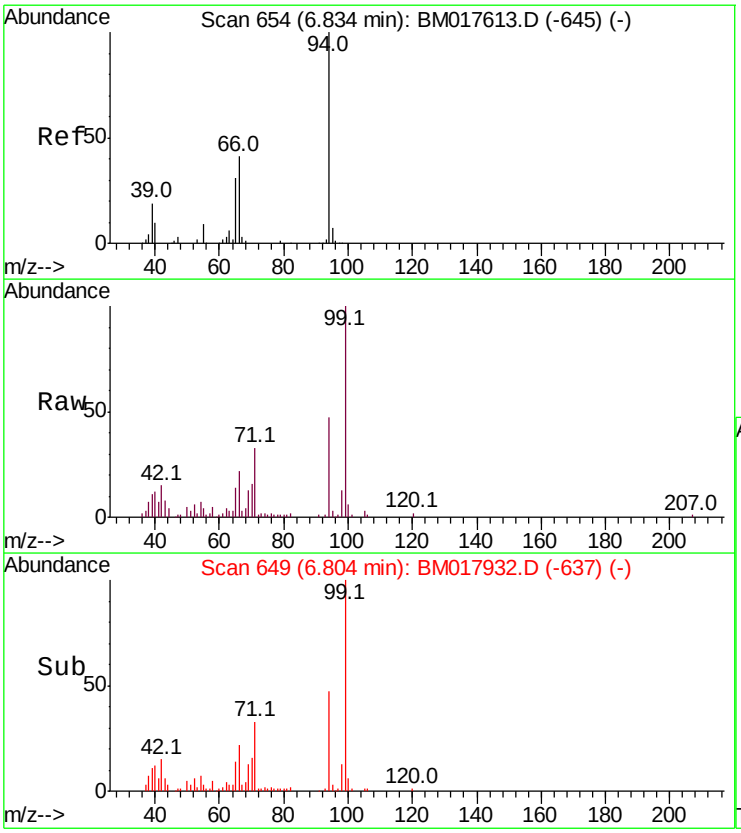
#7
Phenol-d6
Concen: 102.064 ng
RT: 6.77 min Scan# 644
Delta R.T. -0.03 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion: 99 Resp: 1194861

Ion	Ratio	Lower	Upper
99	100		
42	16.6	16.3	24.5
71	35.7	29.8	44.8

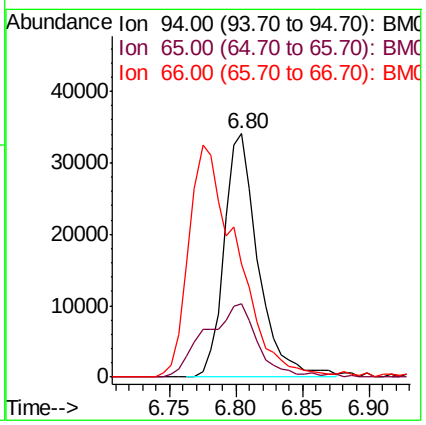


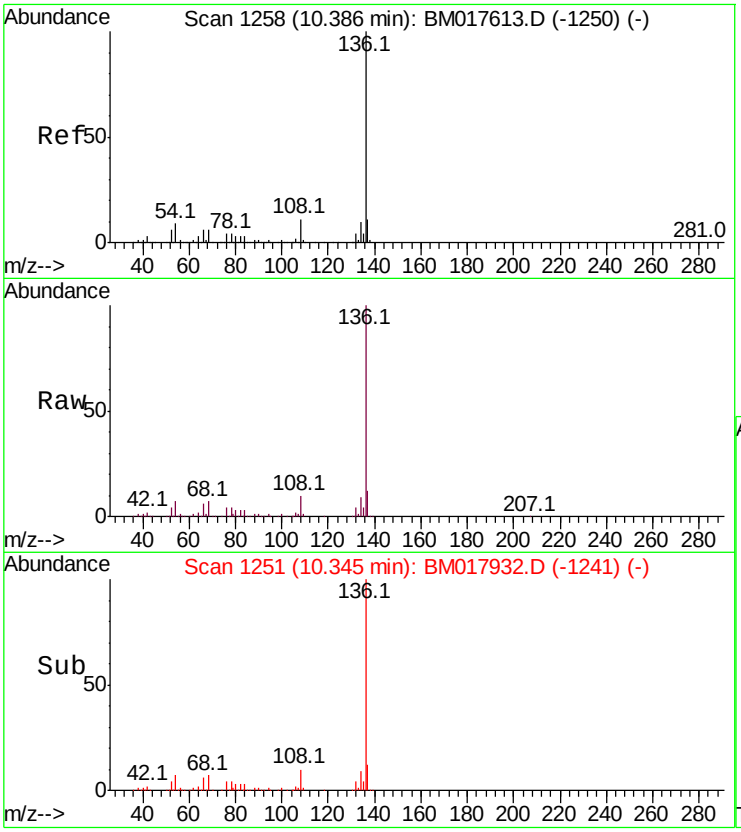


#10
Phenol
Concen: 4.947 ng
RT: 6.80 min Scan# 649
Delta R.T. -0.03 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion: 94 Resp: 60786

Ion	Ratio	Lower	Upper
94	100		
65	30.0	11.4	51.4
66	46.4	21.4	61.4



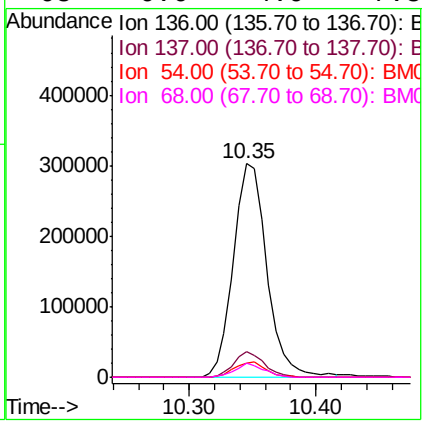


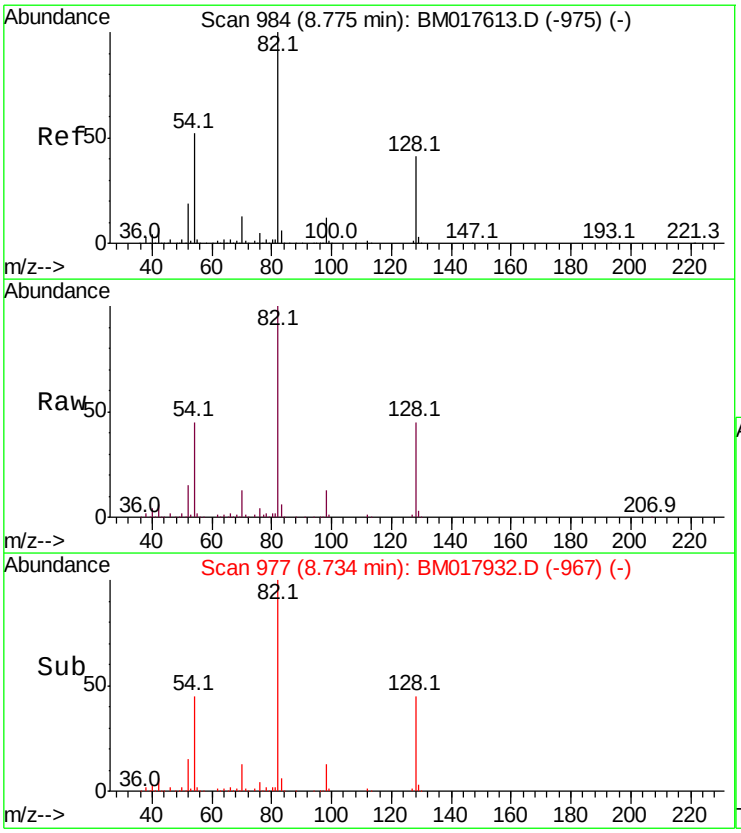
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:136 Resp: 556521

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	12.8
54	6.8	7.0	10.6#
68	6.6	4.9	7.3

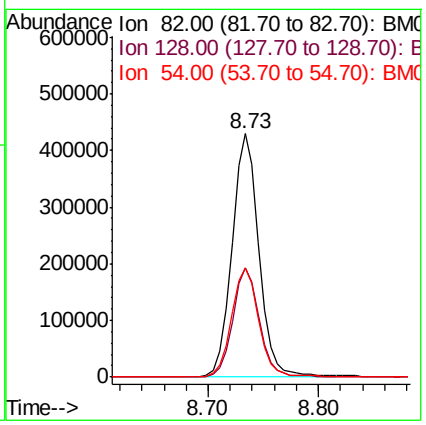


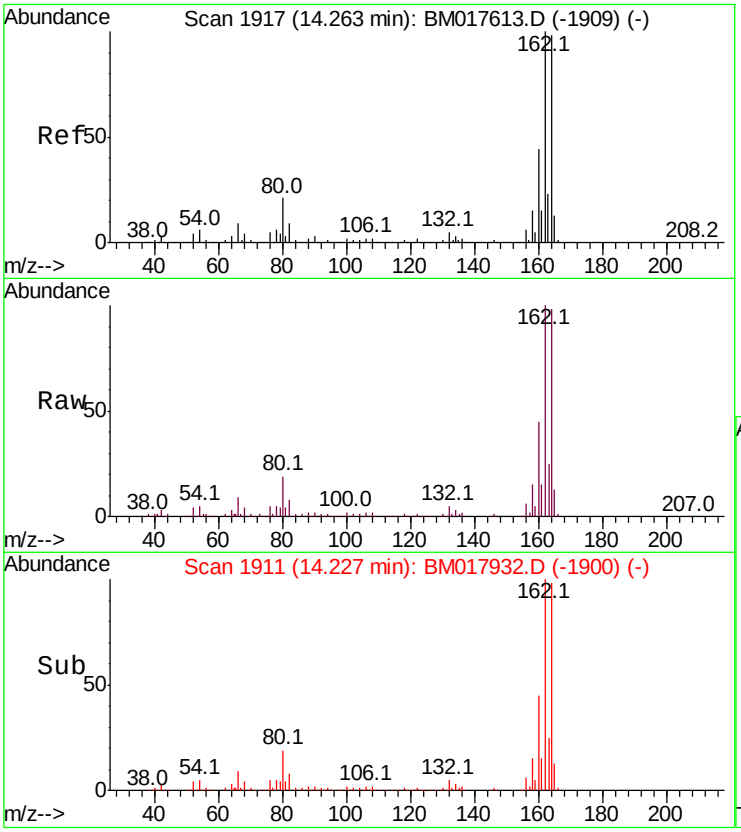


#23
Nitrobenzene-d5
Concen: 68.189 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion: 82 Resp: 735076

Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.0	49.4
54	44.7	41.4	62.2



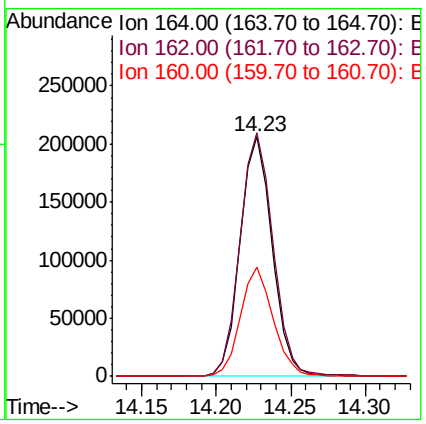


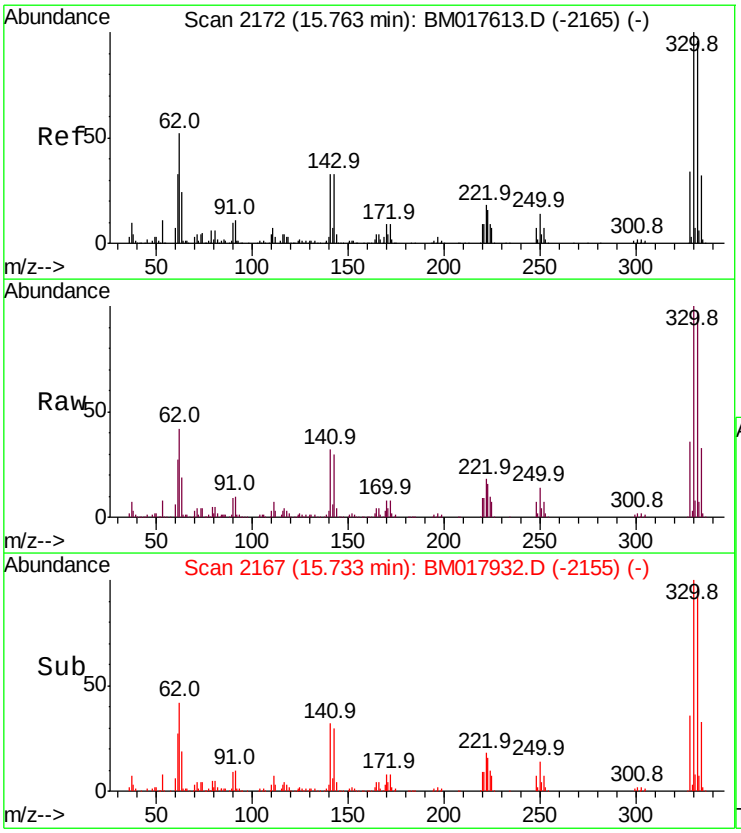
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:164 Resp: 308461

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	45.5	35.6	53.4

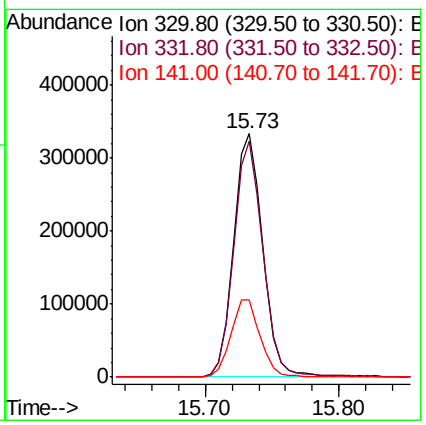


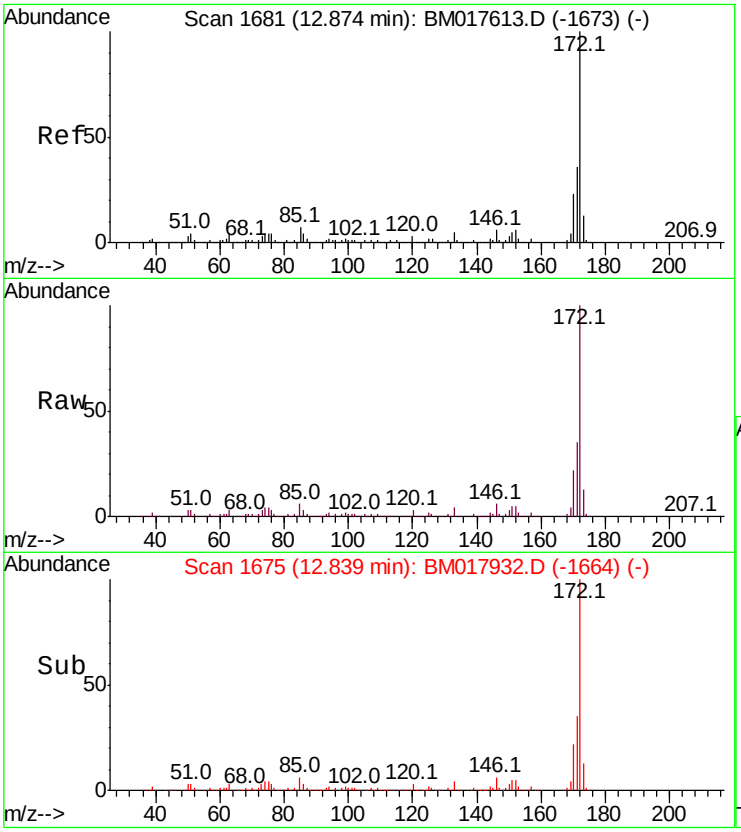


#42
2,4,6-Tribromophenol
Concen: 114.035 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:330 Resp: 505418

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	32.7	27.5	41.3



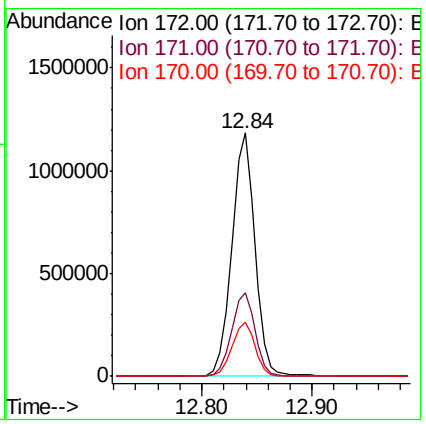


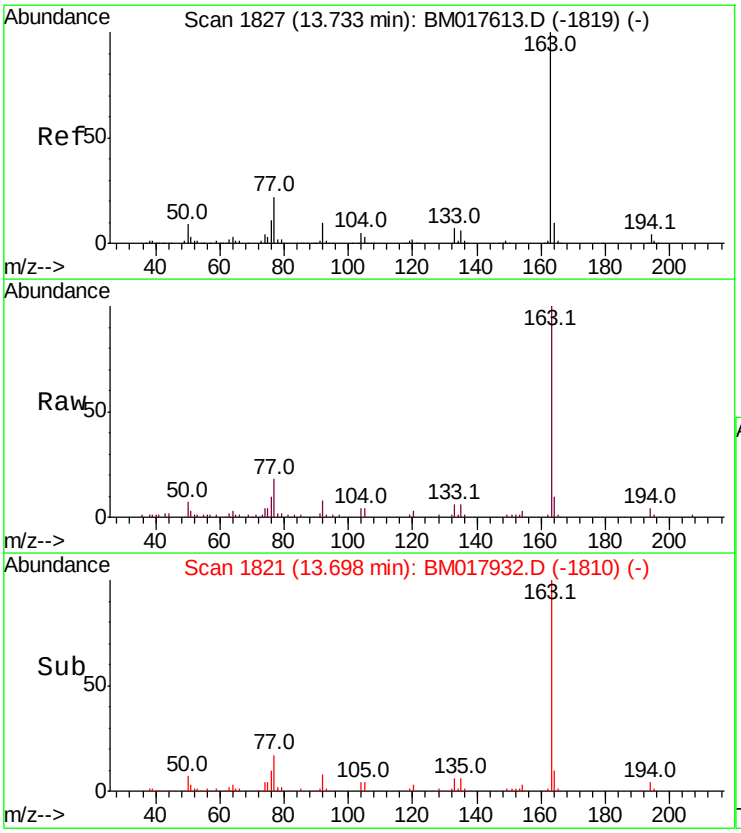
#45
2-Fluorobiphenyl
Concen: 73.394 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:172 Resp: 1745048

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	22.5	18.3	27.5

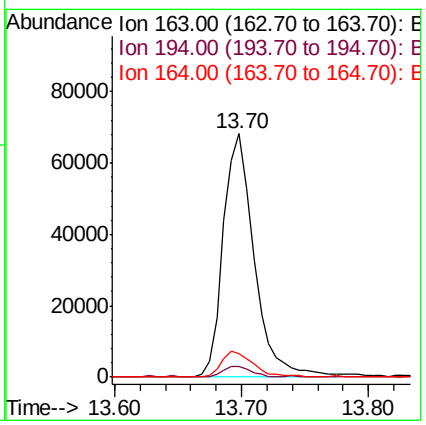


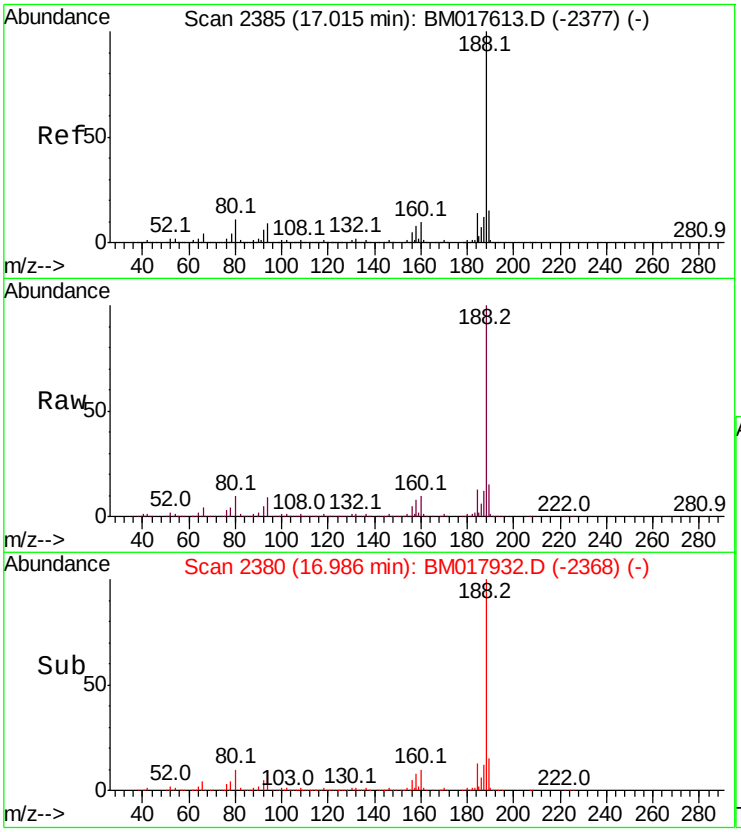


#50
Dimethylphthalate
Concen: 4.612 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:163 Resp: 115675

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	9.8	8.2	12.4



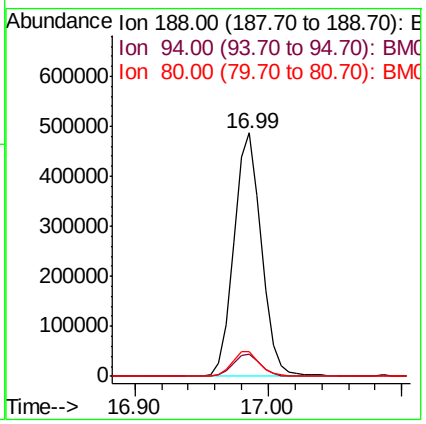


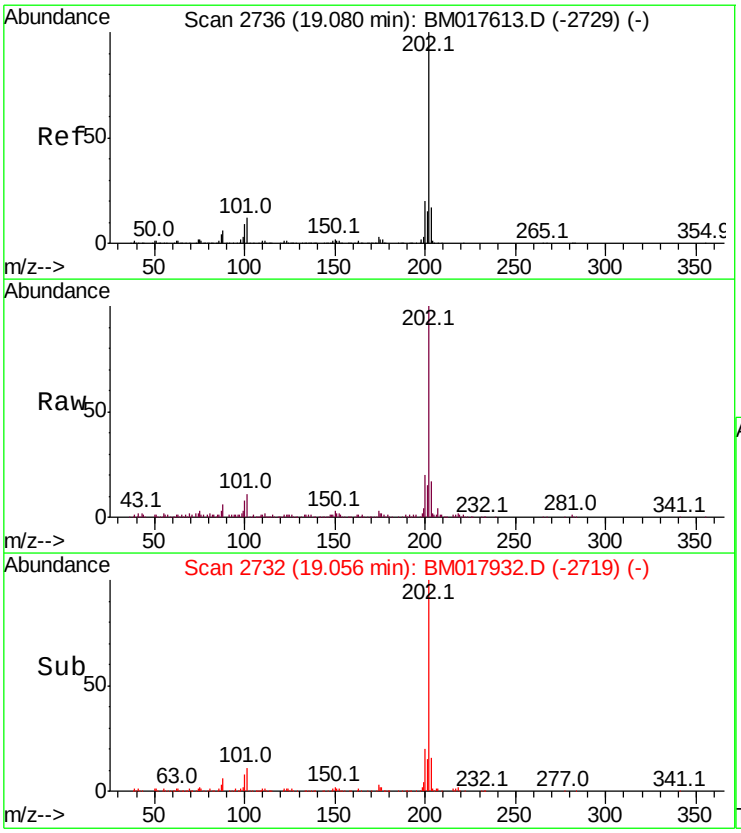
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:188 Resp: 694748

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	10.4	8.6	13.0

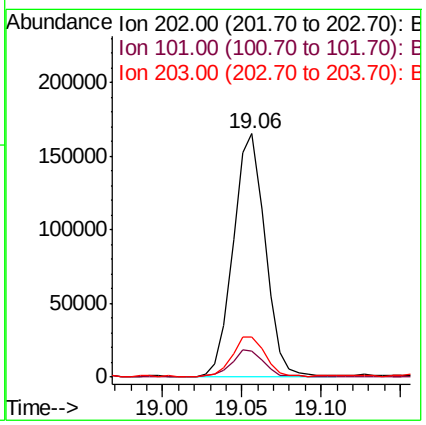


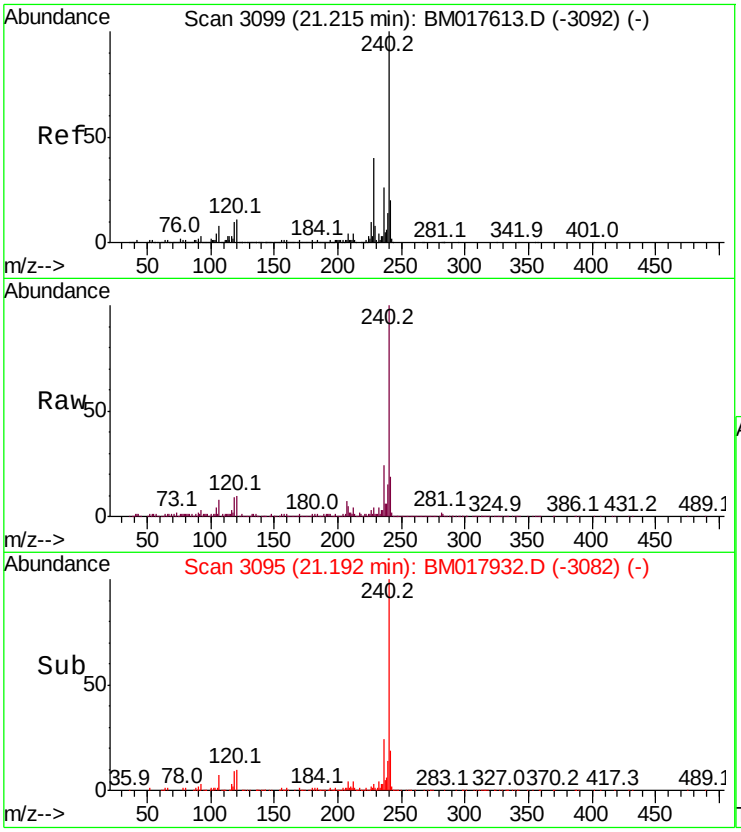


#75
Fluoranthene
Concen: 5.438 ng
RT: 19.06 min Scan# 2732
Delta R.T. -0.02 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:202 Resp: 231944

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	16.7	0.0	37.2



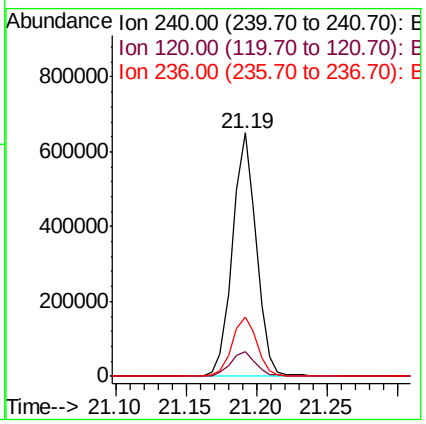


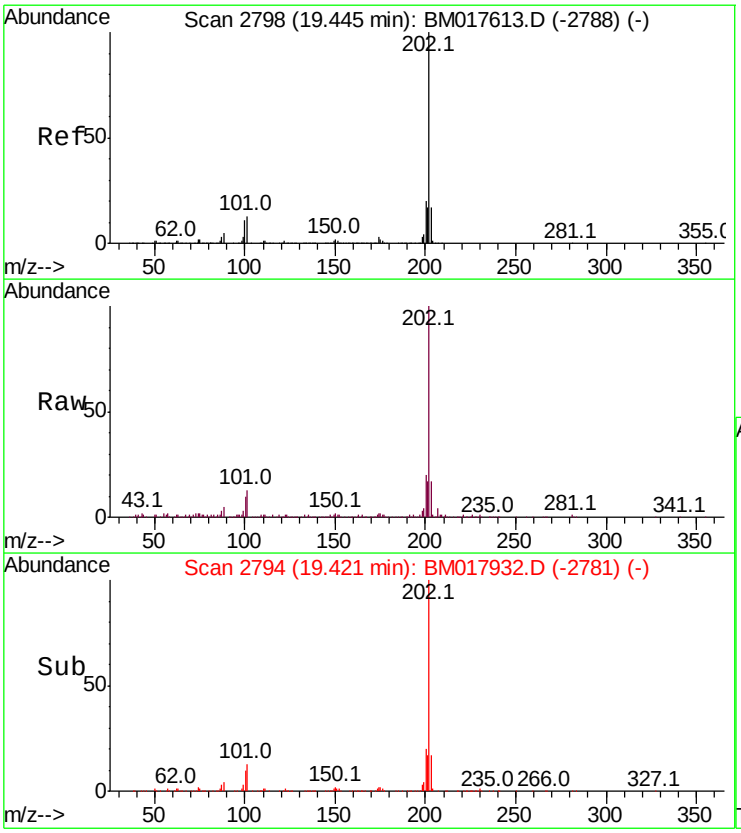
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:240 Resp: 761908

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.5	12.7
236	24.4	20.4	30.6

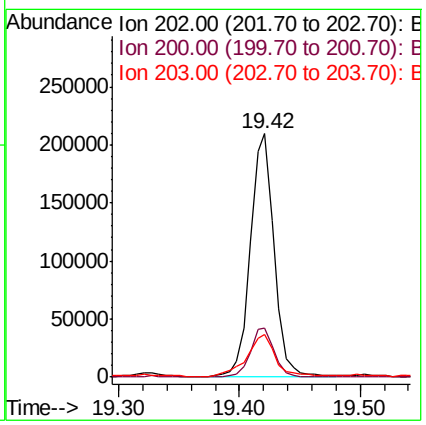


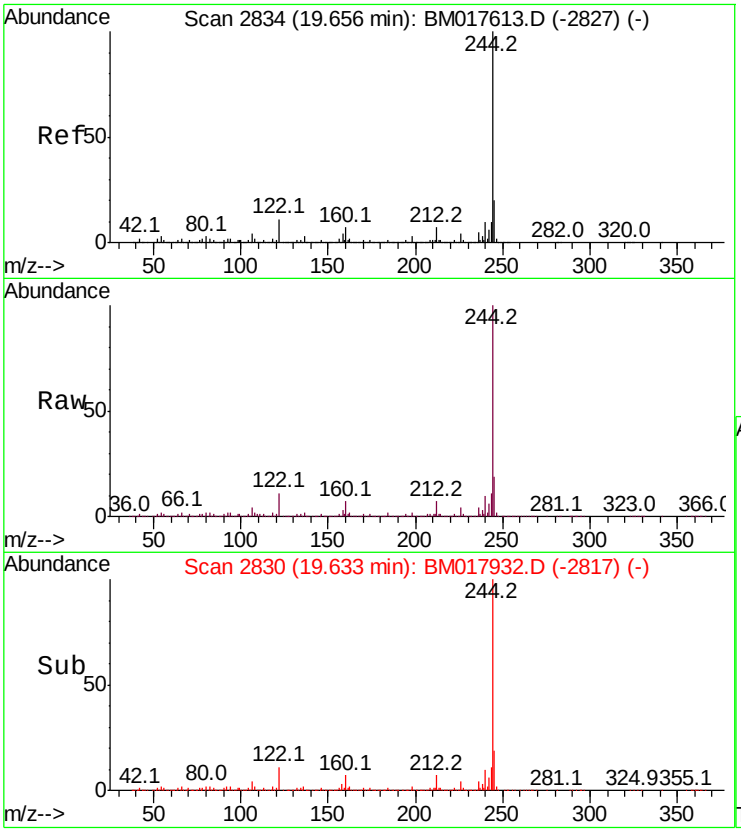


#78
Pyrene
Concen: 6.041 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:202 Resp: 283975

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.3	13.8	20.8



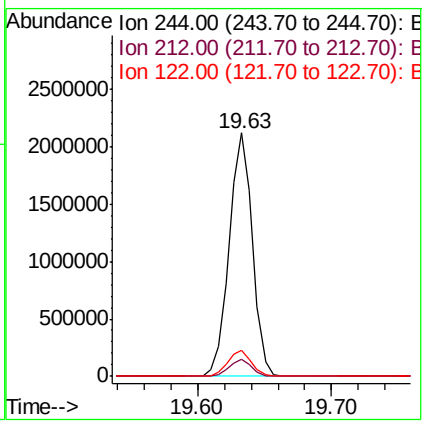


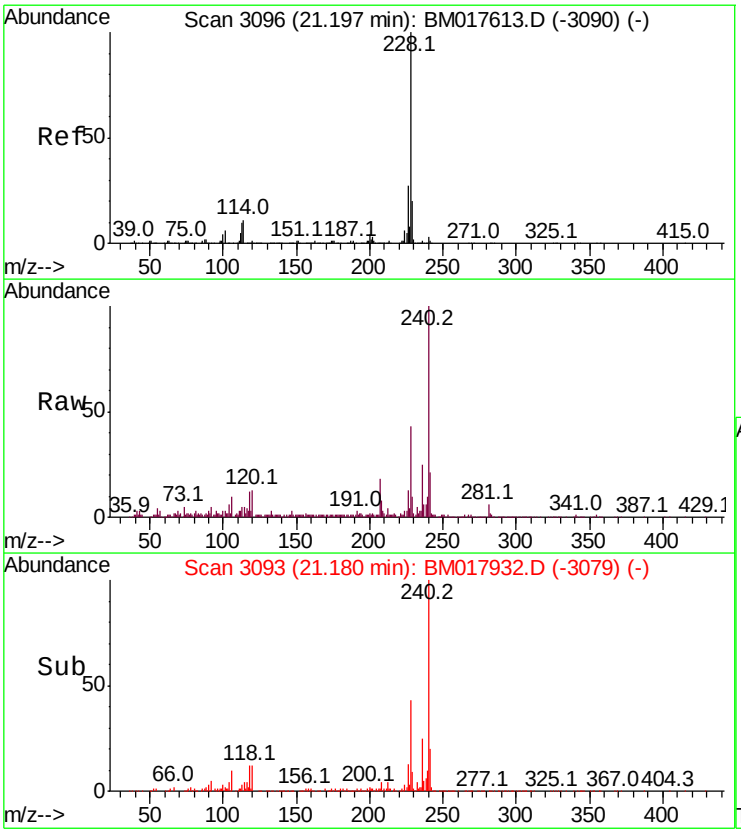
#79
Terphenyl-d14
Concen: 77.046 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:244 Resp: 2590070

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.7	9.0	13.6

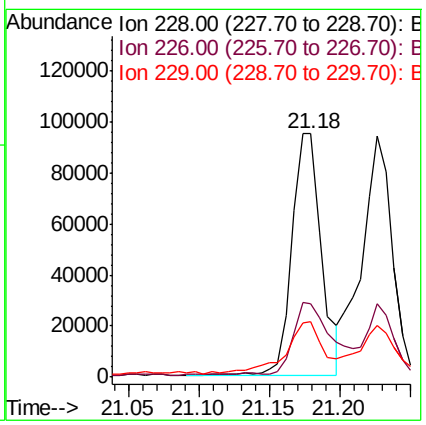


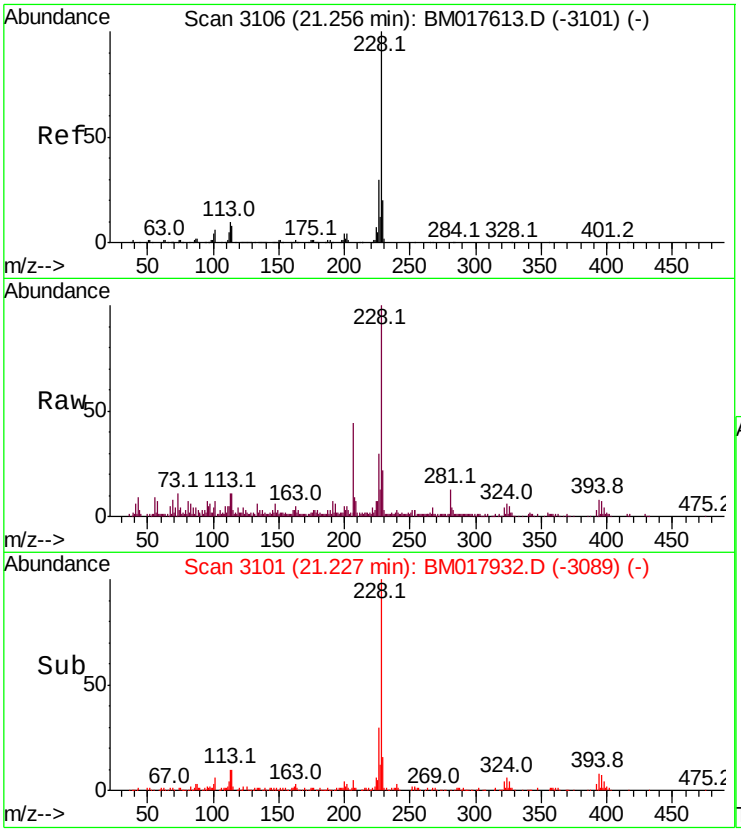


#81
Benzo(a)anthracene
Concen: 3.127 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.02 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:228 Resp: 137273

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.3	31.9
229	22.7	16.0	24.0



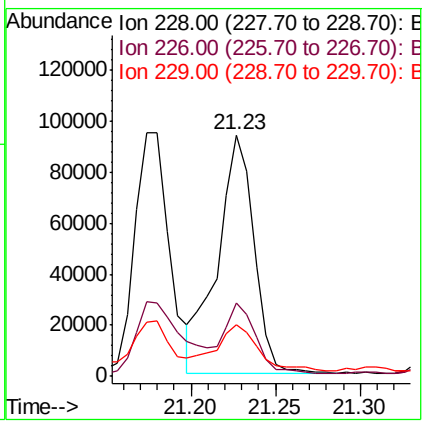


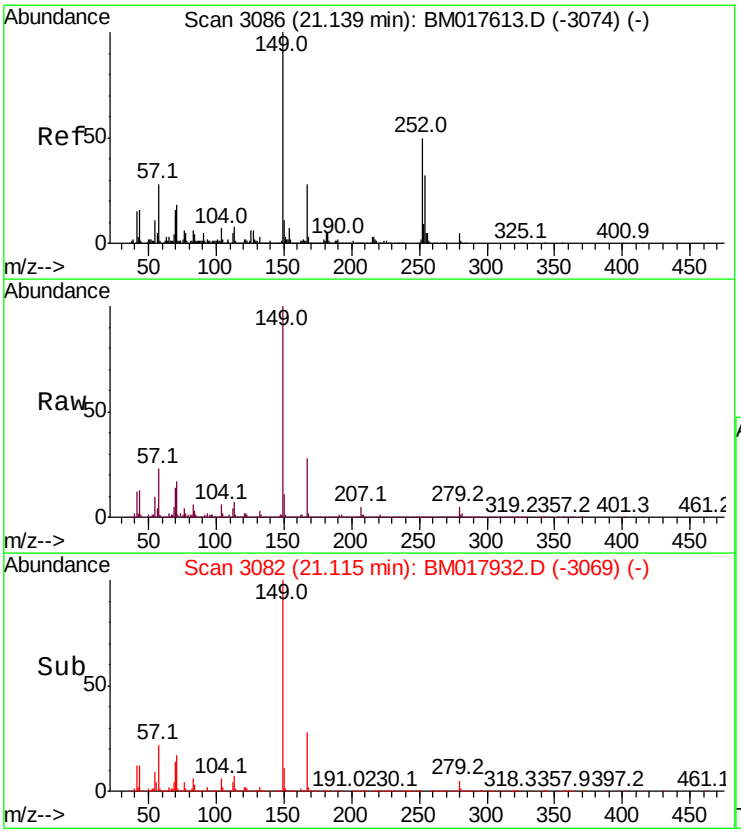
#83
Chrysene
Concen: 3.310 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:228 Resp: 141099

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	21.5	15.8	23.6

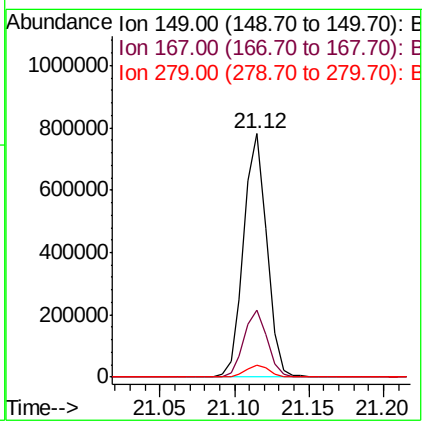


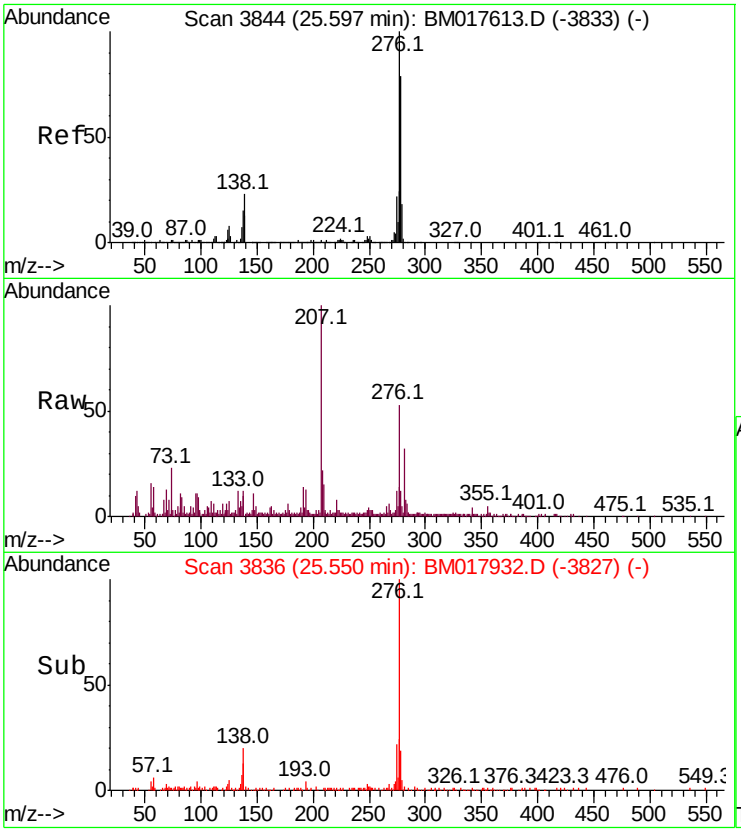


#84
Bis(2-ethylhexyl)phthalate
Concen: 29.522 ng
RT: 21.12 min Scan# 3082
Delta R.T. -0.02 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:149 Resp: 833310

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.9	3.7	5.5



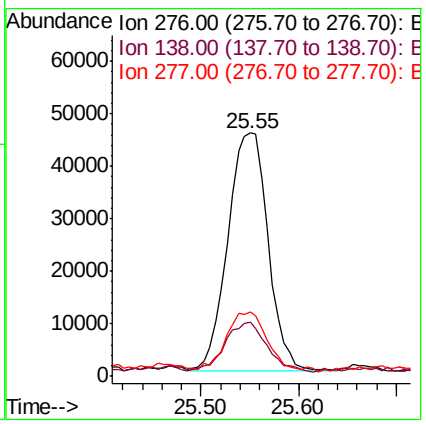


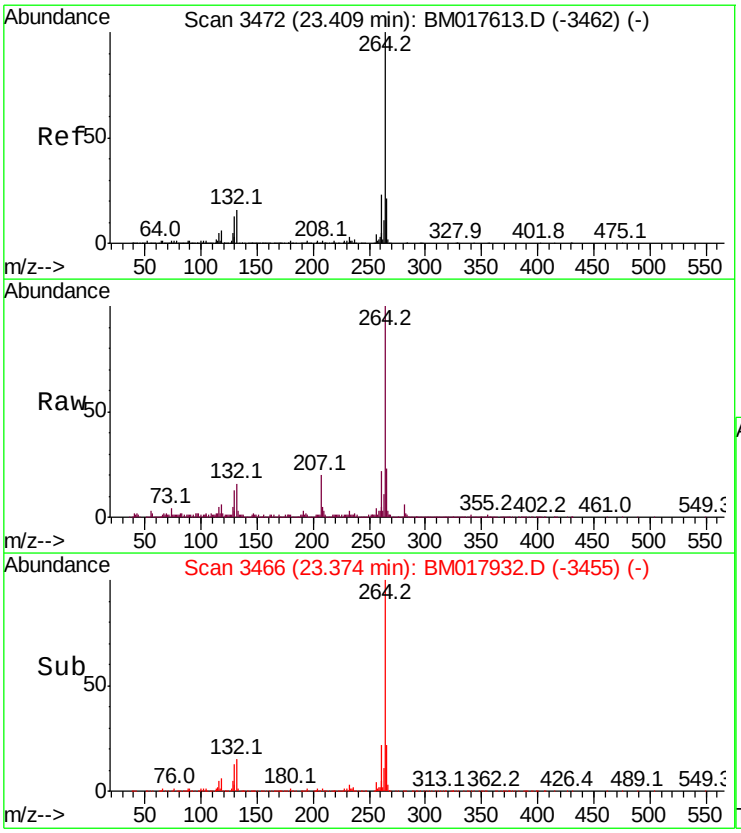
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.843 ng
RT: 25.55 min Scan# 3836
Delta R.T. -0.05 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:276 Resp: 130942

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.1	28.7
277	23.4	20.0	30.0

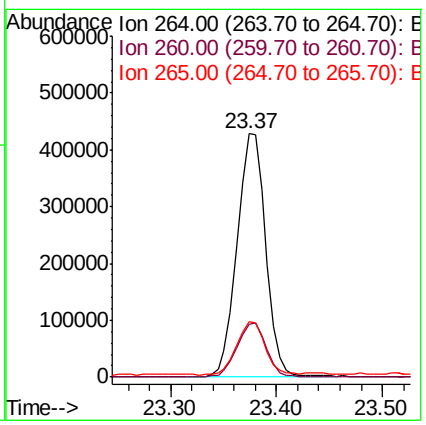


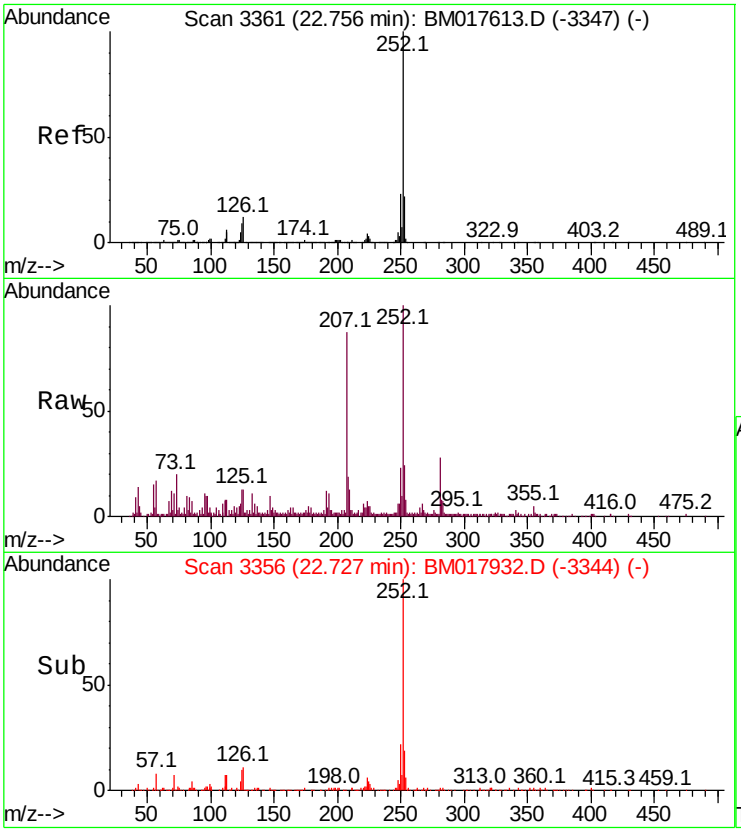


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.04 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:264 Resp: 800819

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.2
265	22.7	17.5	26.3



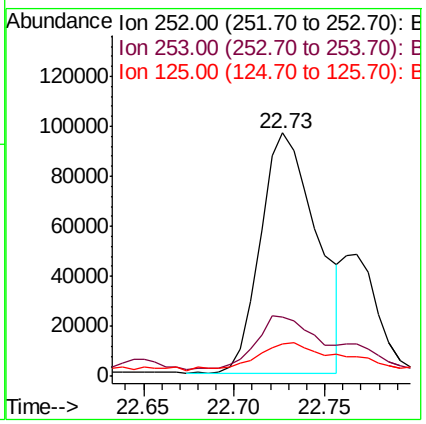


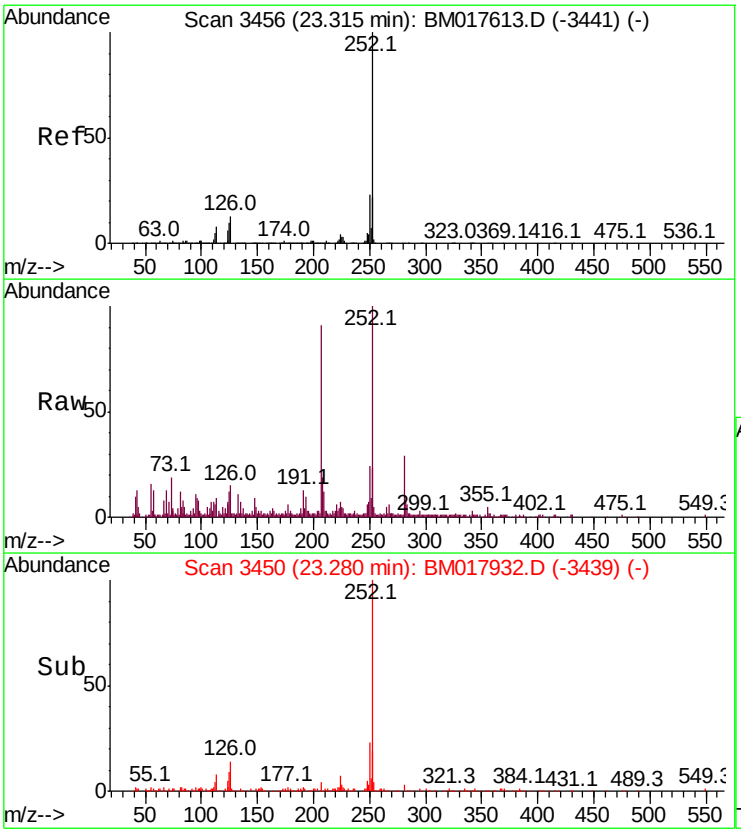
#88
Benzo(b)fluoranthene
Concen: 4.482 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.03 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:252 Resp: 210222

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	13.3	7.6	11.4#

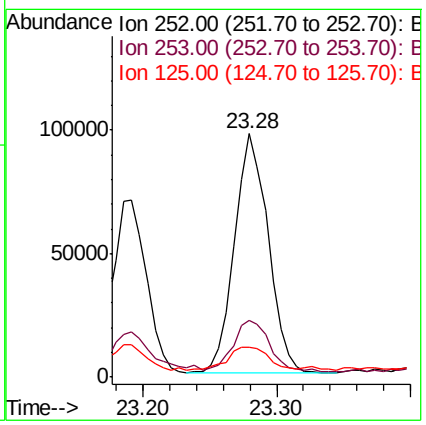


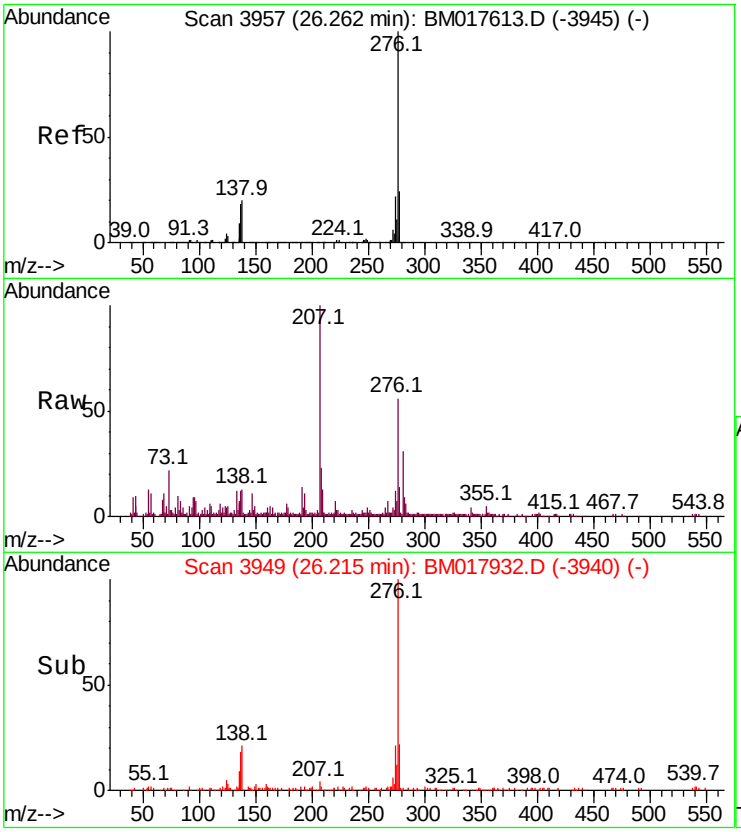


#90
Benzo(a)pyrene
Concen: 3.989 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Tgt Ion:252 Resp: 170570

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	12.2	8.2	12.2





#92
Benzo(g,h,i)perylene
Concen: 4.287 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.05 min
Lab File: BM017932.D
Acq: 05 Dec 2018 09:36

Instrument :
BNA_M
ClientSampleId :
A0C10-01B1-(0-6)

Tgt Ion:276 Resp: 144915

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.4
138	23.1	15.9	23.9