Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017244.D
Acq On : 19 Oct 2018 23:41
Operator : MJ/SJ
Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-1015-S-DH-25A-B

Quant Time: Oct 20 04:53:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	270765	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1151957	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	691834	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1520312	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1509700	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1381134	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1415789	88.44	ng	0.00
7) Phenol-d6	6.85	99	1974578	90.56	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1195493	60.70	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	811309	86.71	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	2742715	52.75	ng	-0.01
79) Terphenyl-d14	19.69	244	3616551	54.00	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.87	94	186406	7.944	ng	99
31) Naphthalene	10.49	128	611154	10.826	ng	99
37) 2-Methylnaphthalene	12.11	142	140974	3.649	ng	97
50) Dimethylphthalate	13.77	163	256370	4.803	ng	99
52) Acenaphthene	14.37	154	377572	9.058	ng	98
55) Dibenzofuran	14.70	168	373404	5.387	ng	97
58) Fluorene	15.36	166	412145	8.033	ng	98
71) Phenanthrene	17.10	178	2494587	30.412	ng	100
72) Anthracene	17.19	178	492257	6.316	ng	99
73) Carbazole	17.46	167	241456	3.033	ng	99
75) Fluoranthene	19.12	202	1812529	19.637	ng	99
78) Pyrene	19.48	202	1305296	15.470	ng	99
81) Benzo(a)anthracene	21.23	228	463207	5.452	ng	100
83) Chrysene	21.29	228	414115	4.925	ng	99
88) Benzo(b)fluoranthene	22.80	252	344017	4.556	ng	94
90) Benzo(a)pyrene	23.36	252	169355	2.362	ng	97

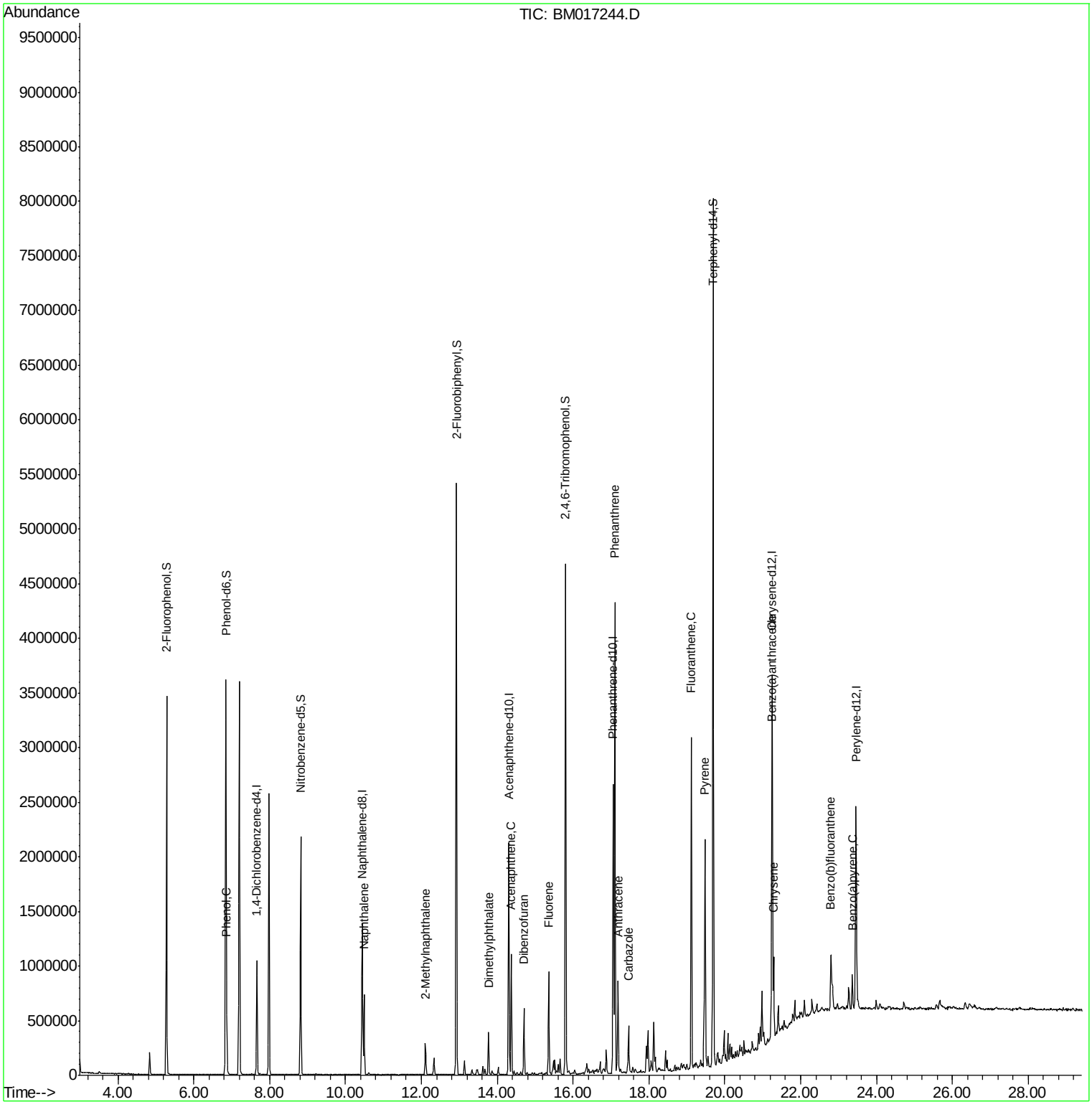
(#) = qualifier out of range (m) = manual integration (+) = signals summed

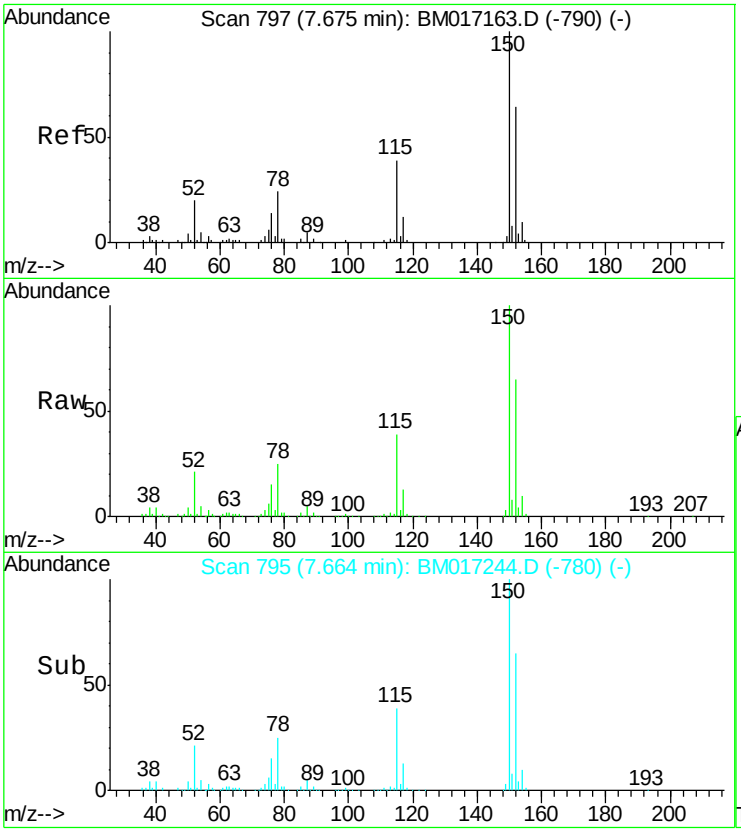
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017244.D
Acq On : 19 Oct 2018 23:41
Operator : MJ/SJ
Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Quant Time: Oct 20 04:53:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration



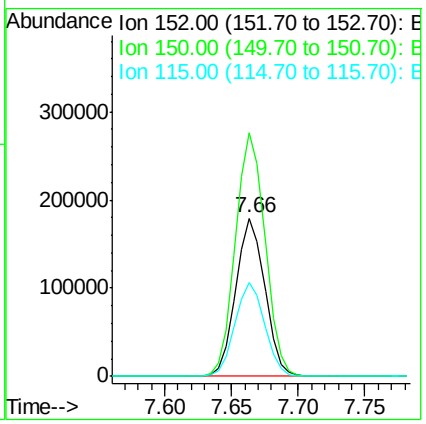


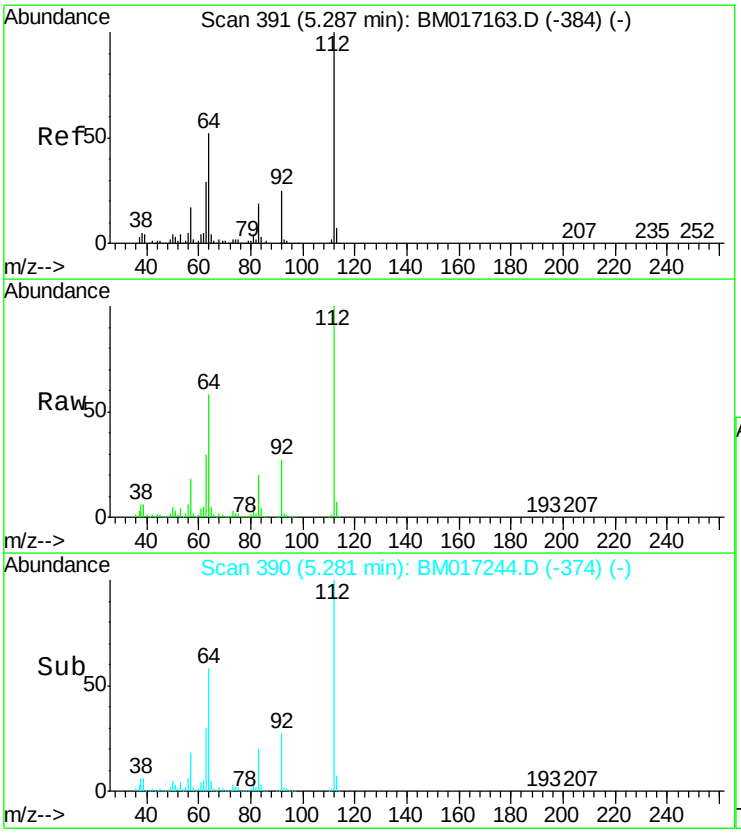
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:152 Resp: 270765

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.3	186.5
115	59.2	48.1	72.1

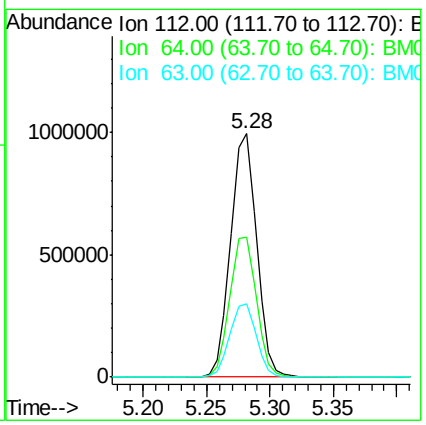


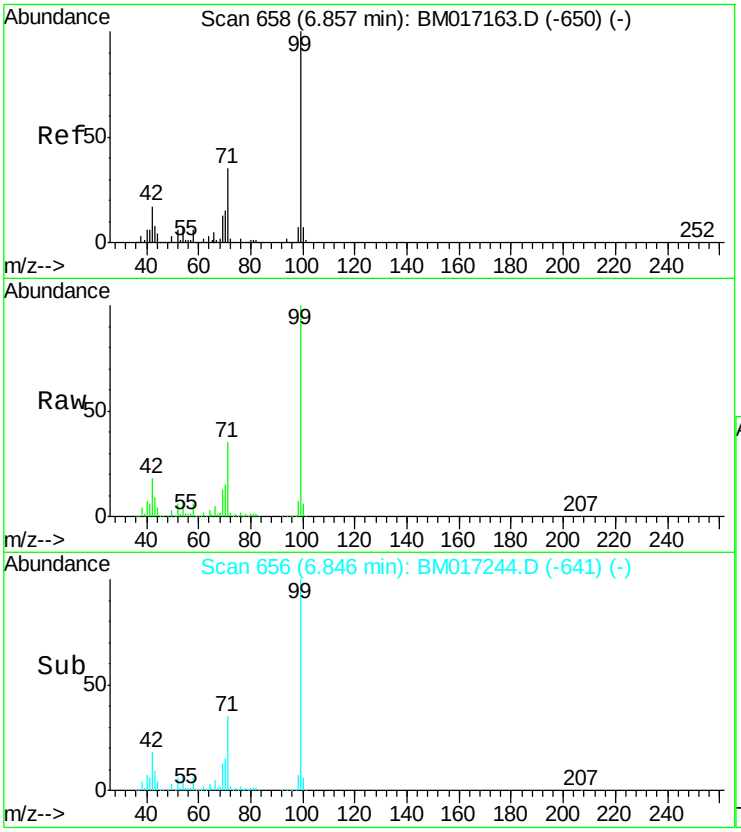


#5
2-Fluorophenol
Concen: 88.437 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.00 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:112 Resp: 1415789

Ion	Ratio	Lower	Upper
112	100		
64	57.6	41.7	62.5
63	30.3	23.0	34.4



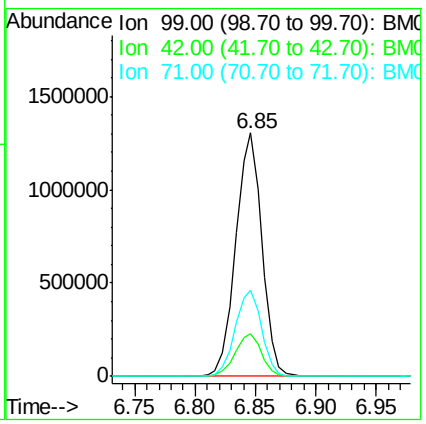


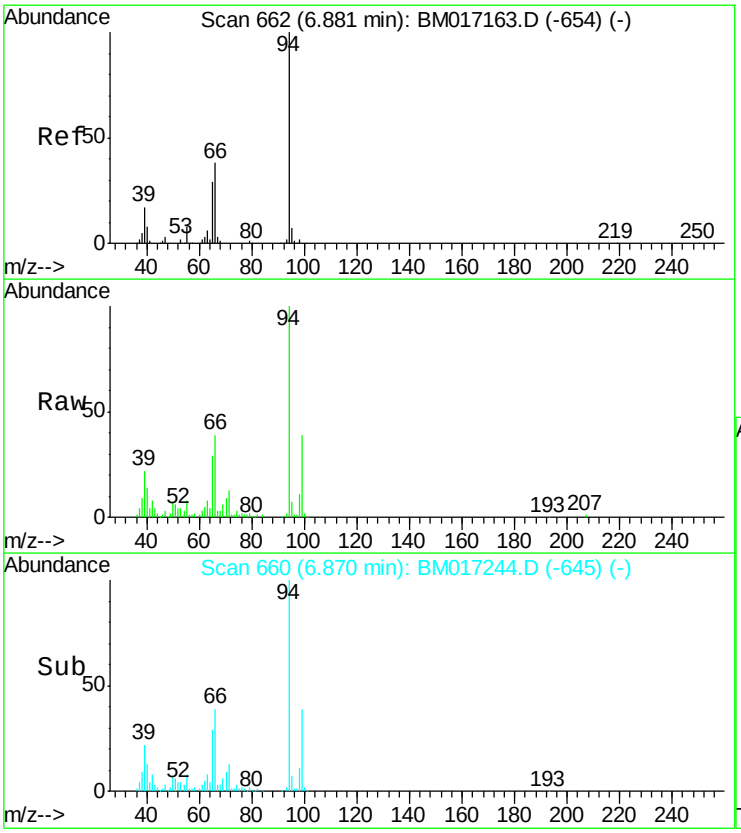
#7
Phenol-d6
Concen: 90.563 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion: 99 Resp: 1974578

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.3	19.9
71	35.5	28.0	42.0

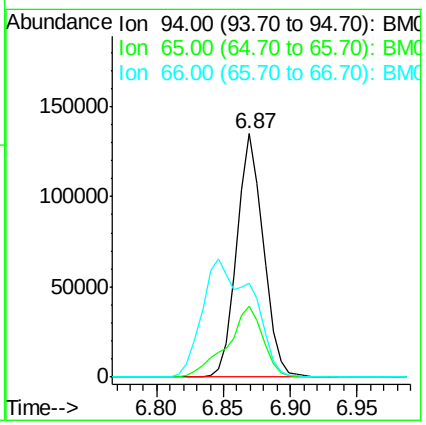


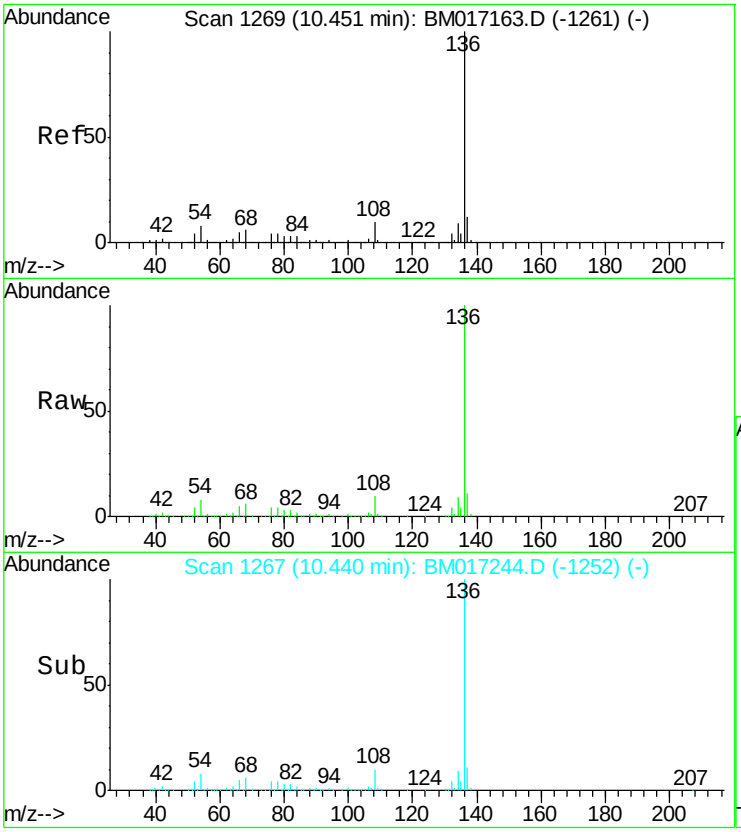


#10
Phenol
Concen: 7.944 ng
RT: 6.87 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 94 Resp: 186406

Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.4	49.4
66	38.5	19.0	59.0



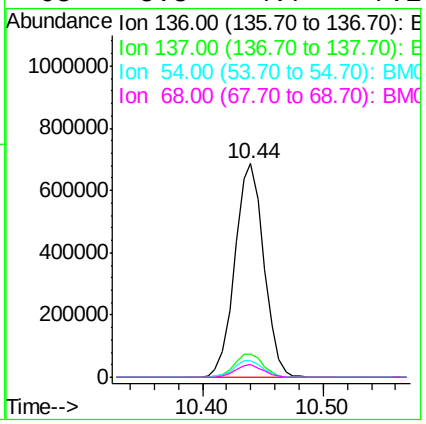


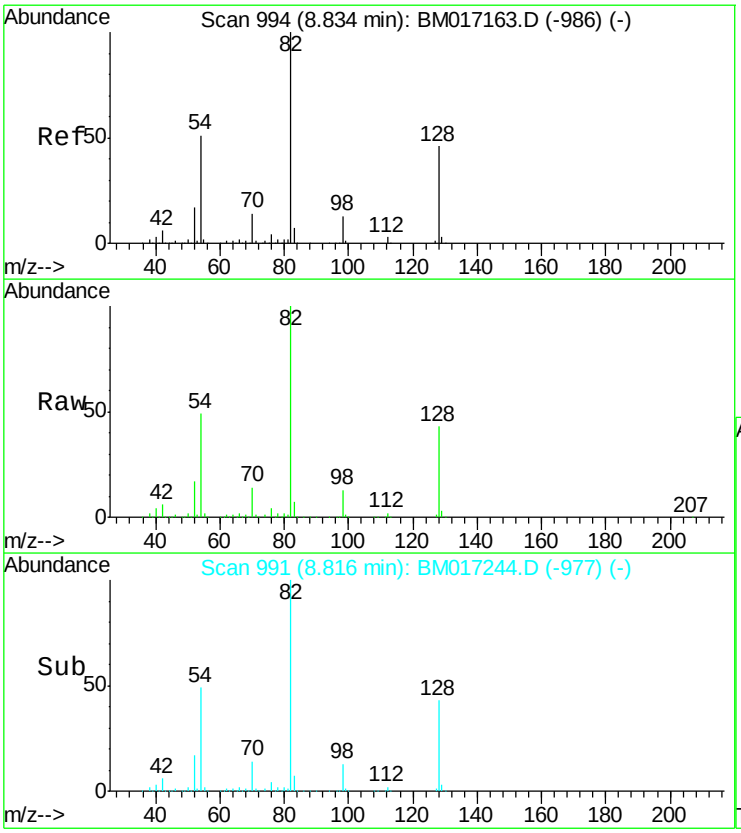
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:136 Resp: 1151957

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	6.7	10.1
68	5.8	4.7	7.1

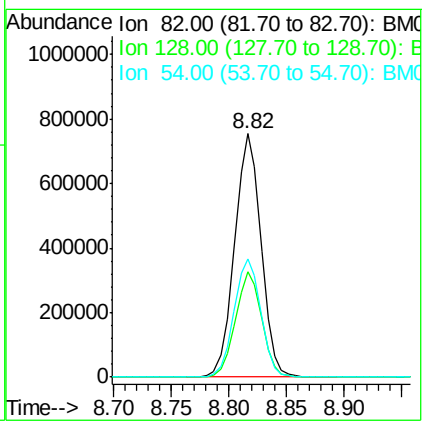


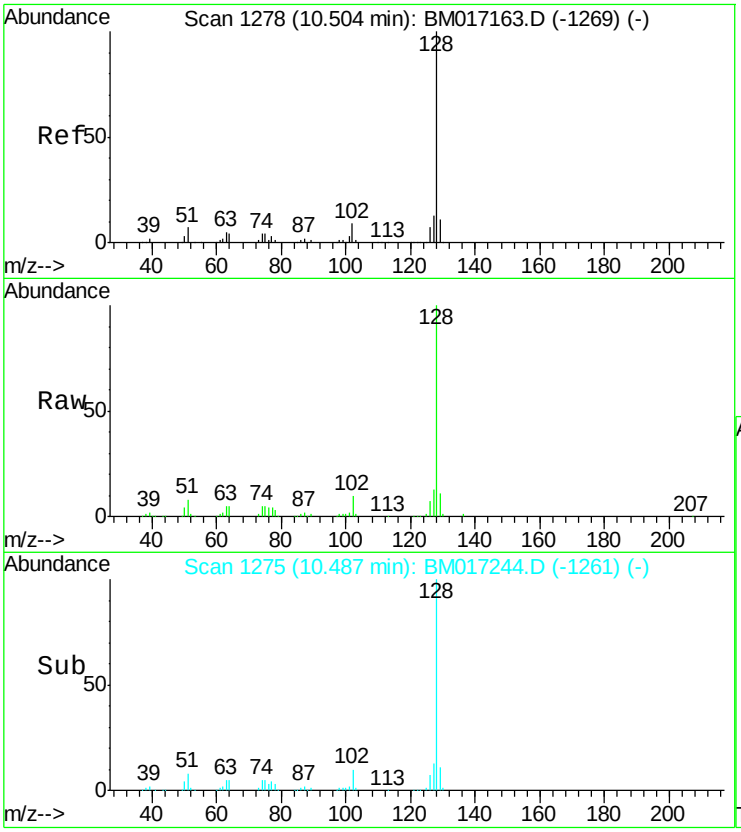


#23
Nitrobenzene-d5
Concen: 60.696 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion: 82 Resp: 1195493

Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.0	55.6
54	48.7	40.7	61.1



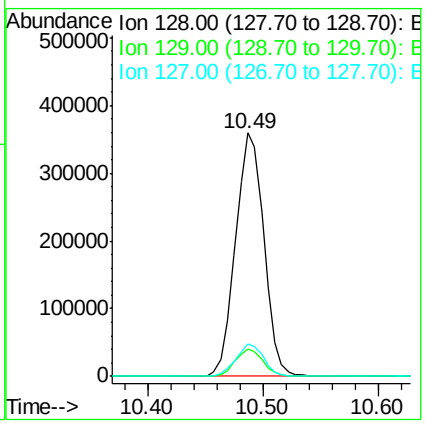


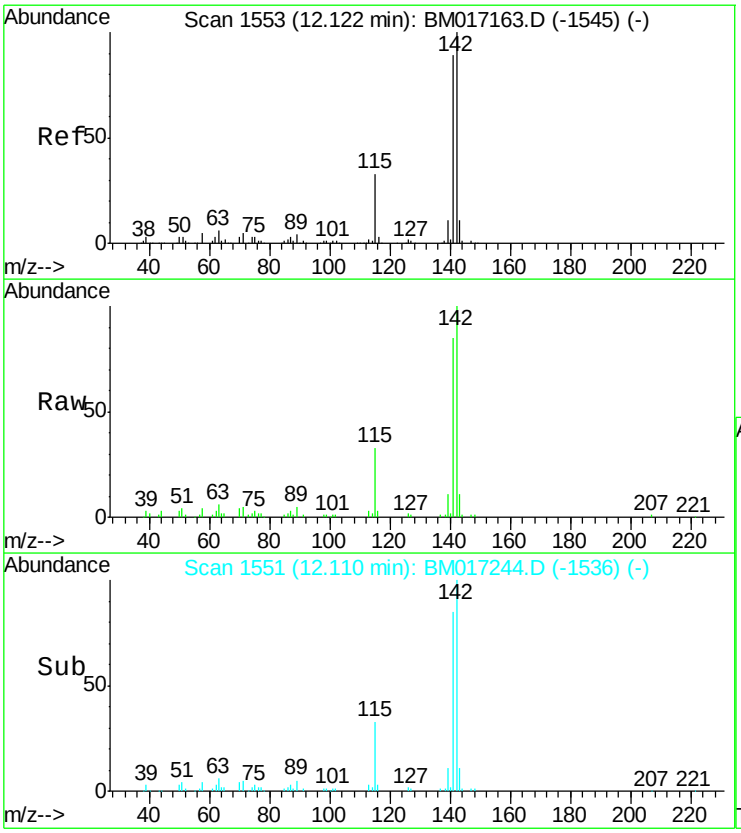
#31
Naphthalene
Concen: 10.826 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:128 Resp: 611154

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.1	10.3	15.5

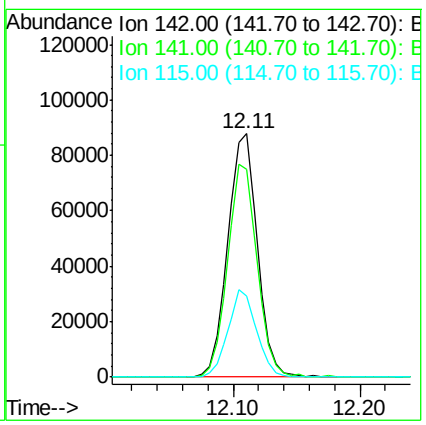


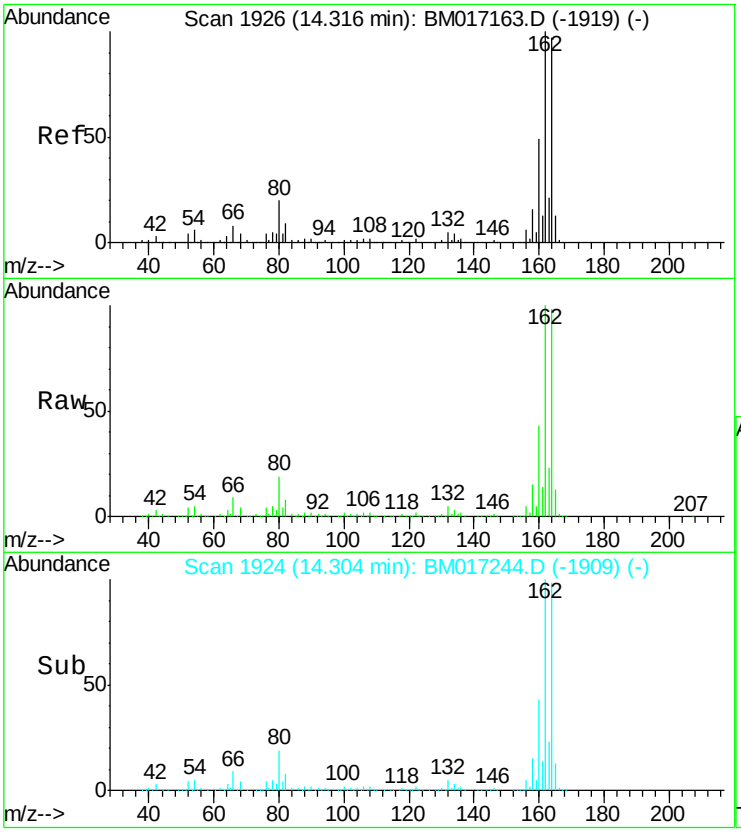


#37
2-Methylnaphthalene
Concen: 3.649 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:142 Resp: 140974

Ion	Ratio	Lower	Upper
142	100		
141	85.3	70.9	106.3
115	33.3	26.4	39.6



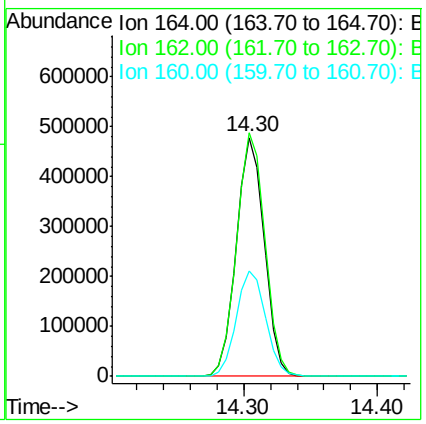


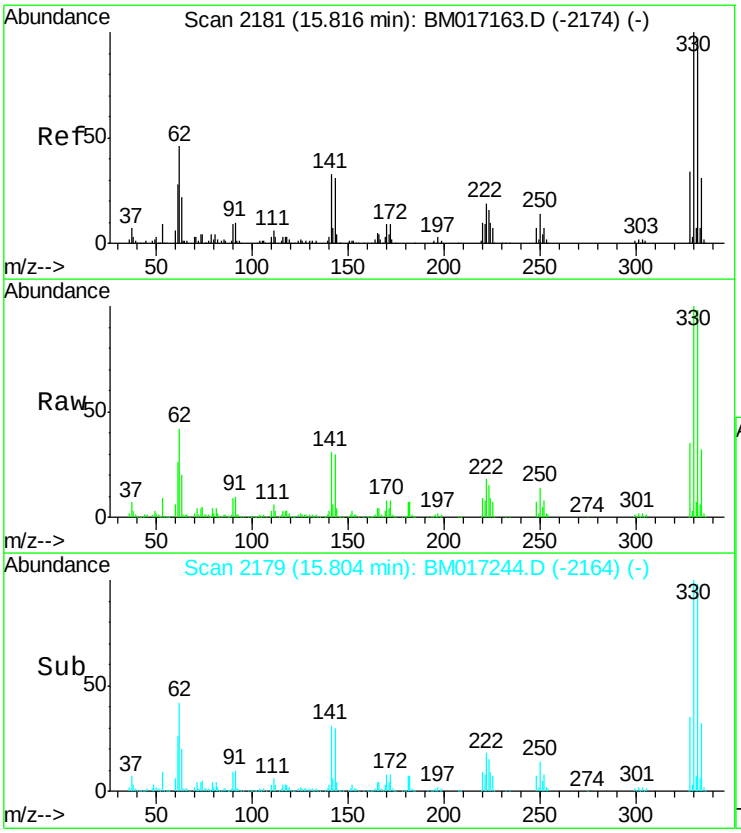
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:164 Resp: 691834

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.1	123.1
160	44.2	40.2	60.2

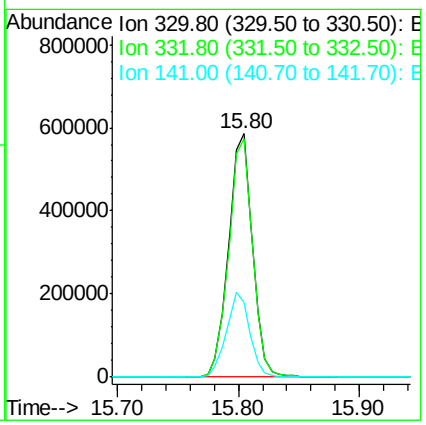


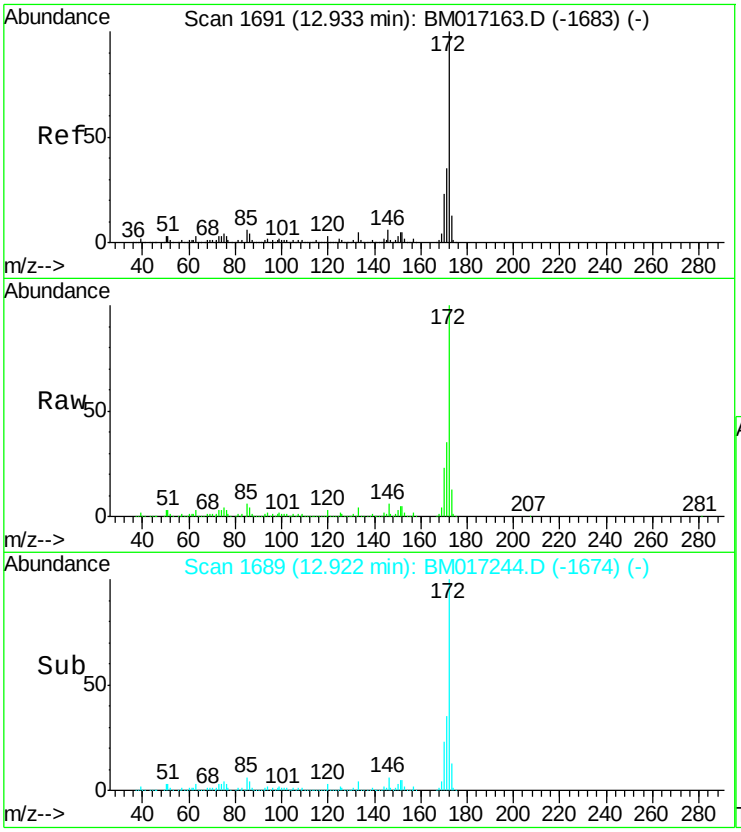


#42
2,4,6-Tribromophenol
Concen: 86.715 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:330 Resp: 811309

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	33.8	27.4	41.0



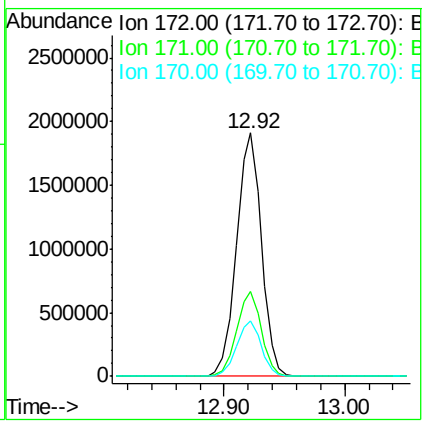


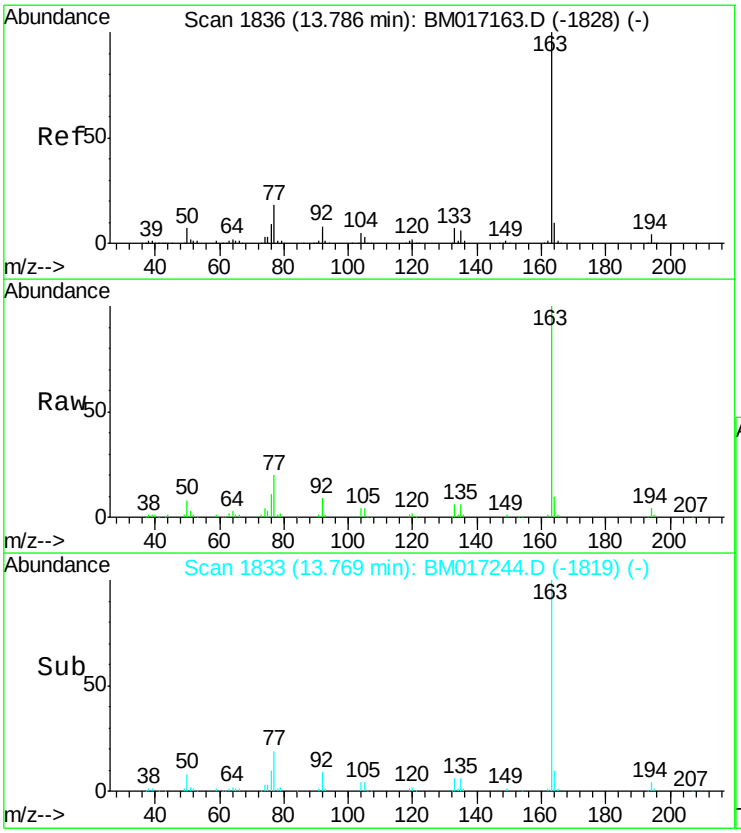
#45
2-Fluorobiphenyl
Concen: 52.748 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:172 Resp: 2742715

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.8	18.3	27.5

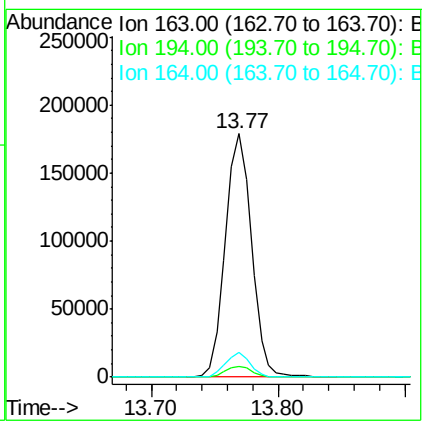


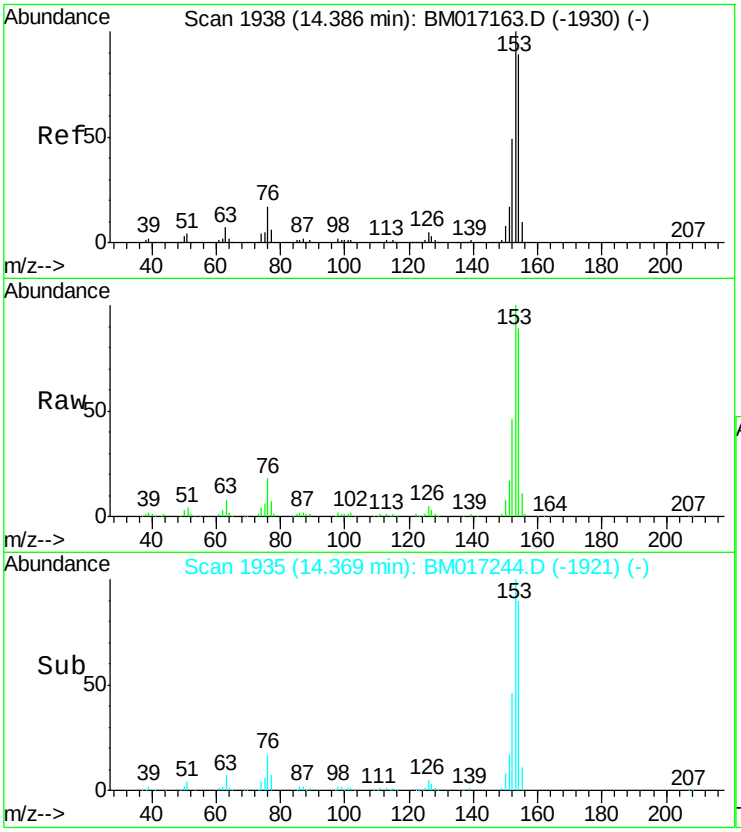


#50
Dimethylphthalate
Concen: 4.803 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:163 Resp: 256370

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	7.8	11.8



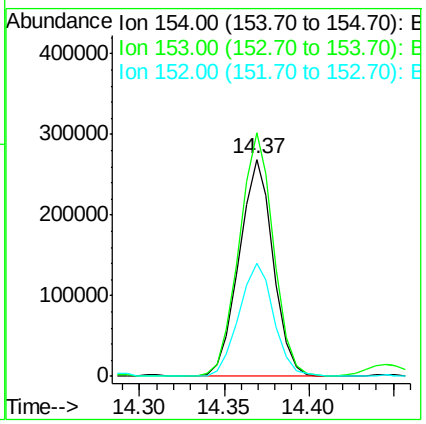


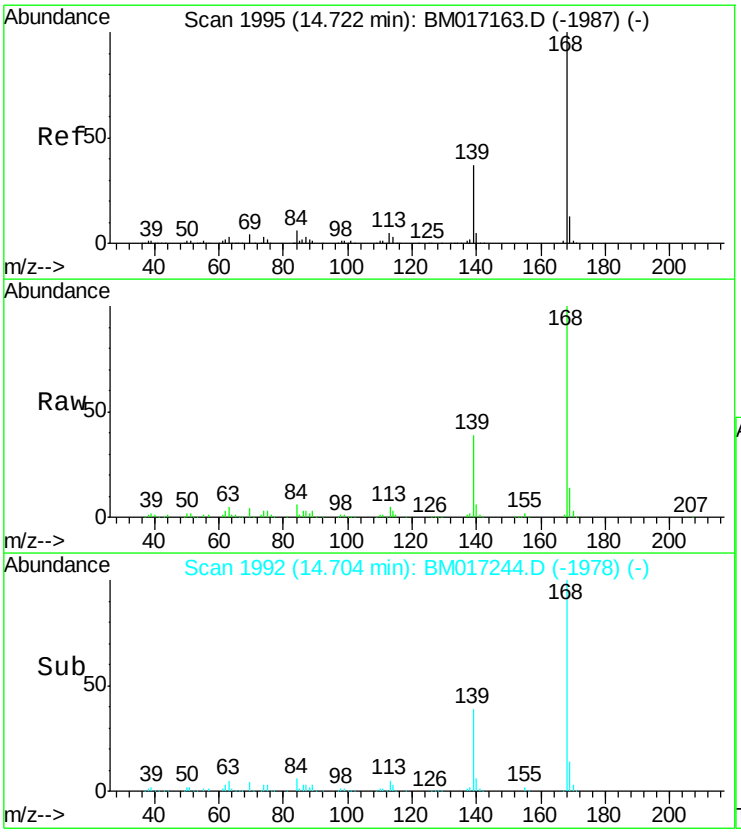
#52
Acenaphthene
Concen: 9.058 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:154 Resp: 377572

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.2	135.2
152	52.1	44.2	66.4

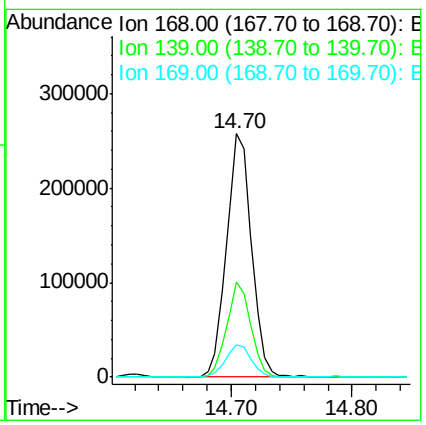


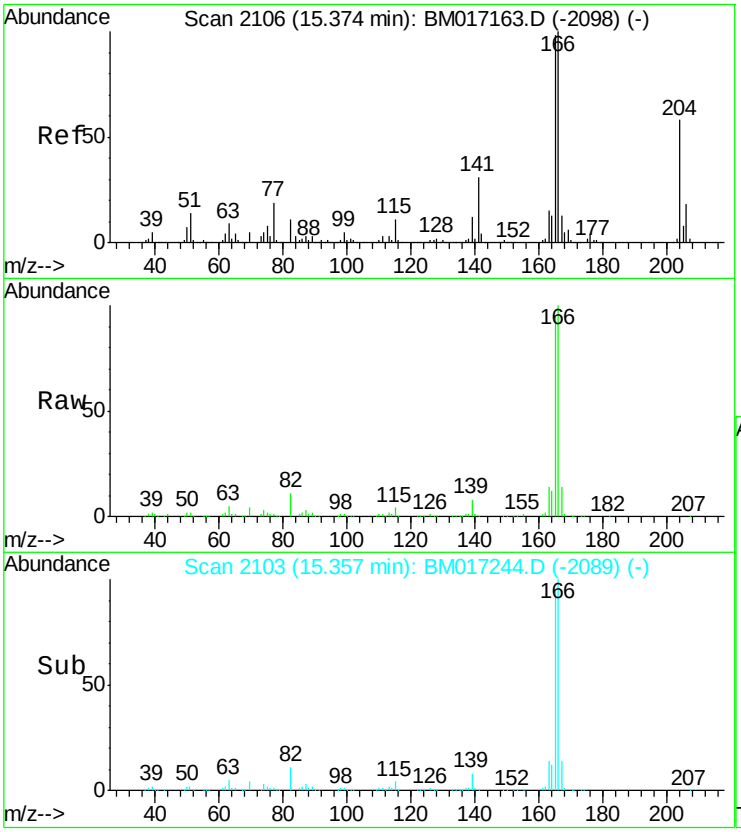


#55
Dibenzofuran
Concen: 5.387 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:168 Resp: 373404

Ion	Ratio	Lower	Upper
168	100		
139	38.9	29.3	43.9
169	13.6	10.6	15.8



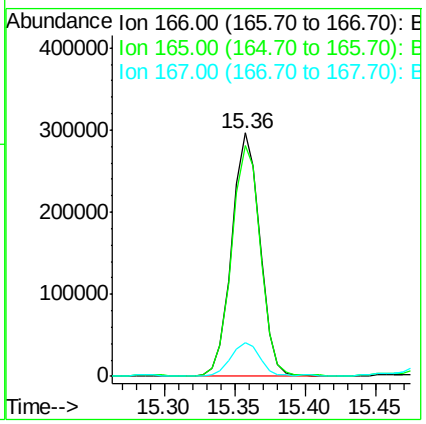


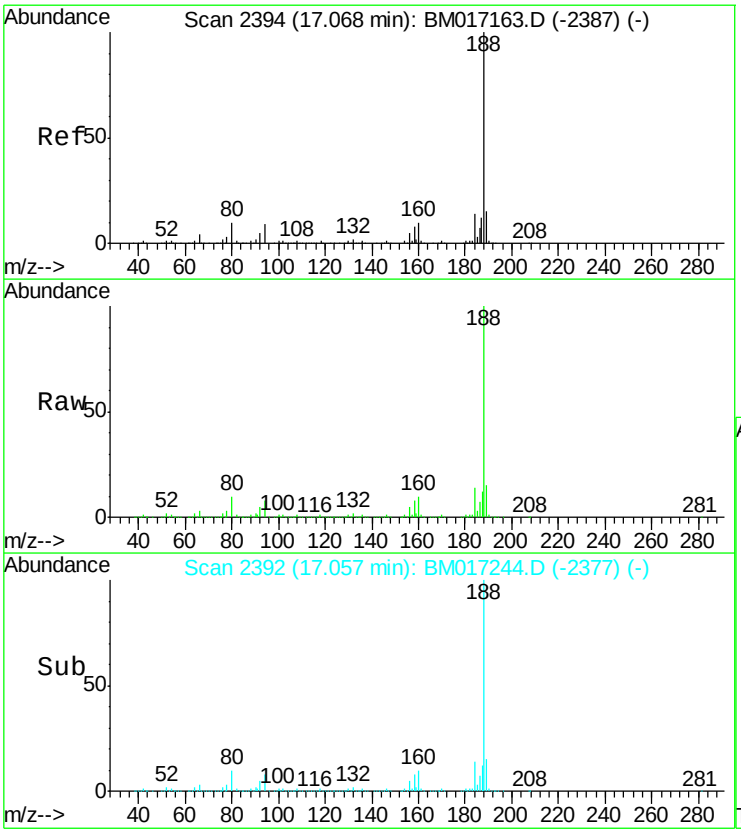
#58
Fluorene
Concen: 8.033 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:166 Resp: 412145

Ion	Ratio	Lower	Upper
166	100		
165	95.1	78.1	117.1
167	13.8	10.6	16.0

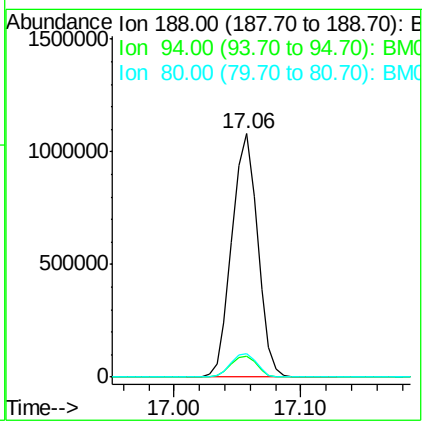


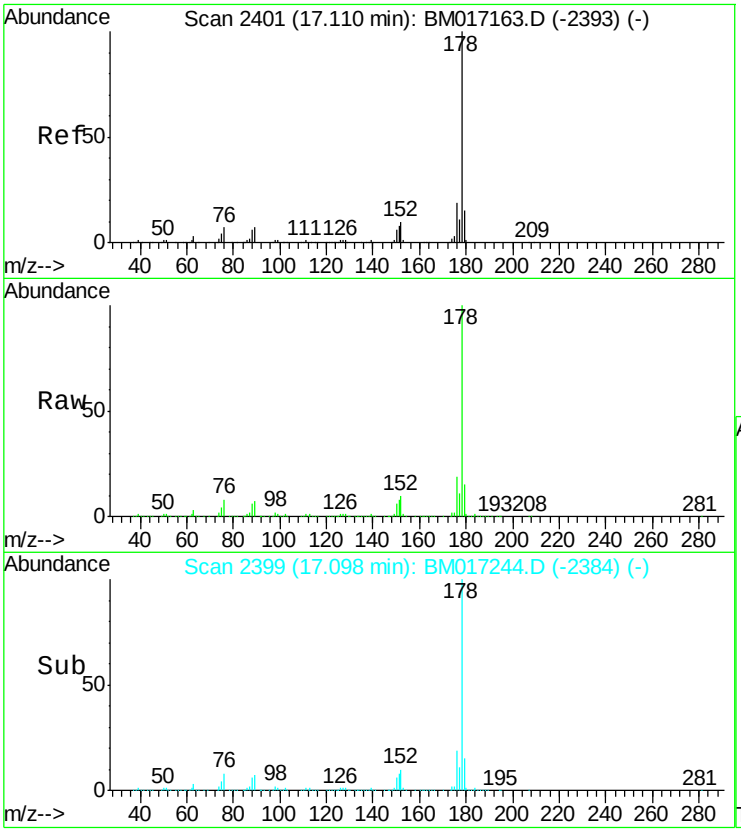


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:188 Resp: 1520312

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.6	7.7	11.5



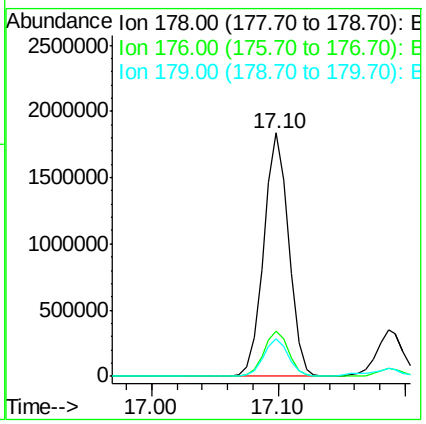


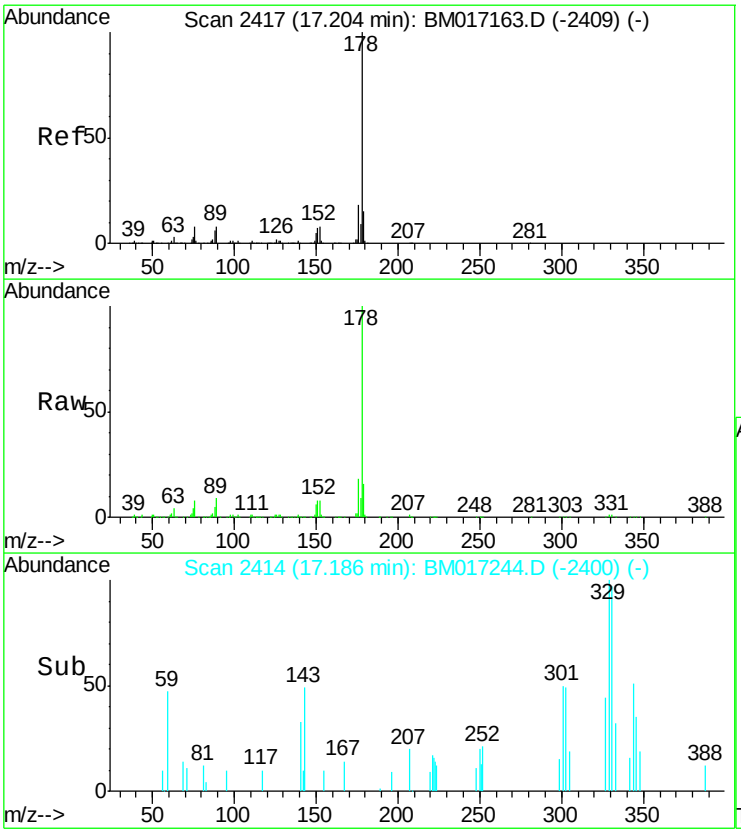
#71
Phenanthrene
Concen: 30.412 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:178 Resp: 2494587

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.3	18.5

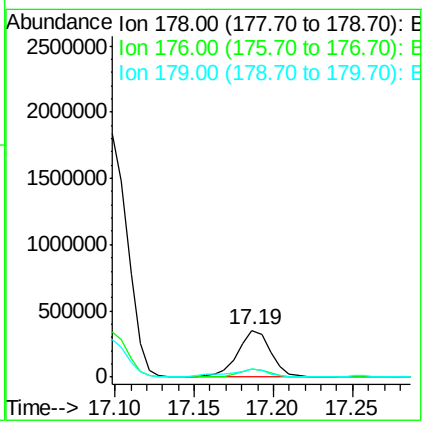


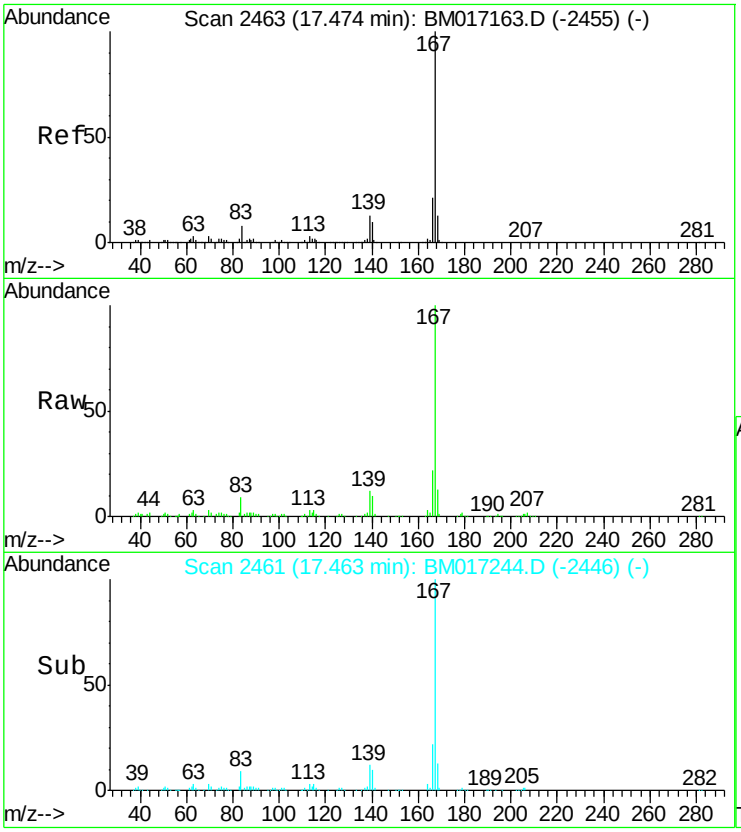


#72
Anthracene
Concen: 6.316 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:178 Resp: 492257

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	16.1	12.2	18.2



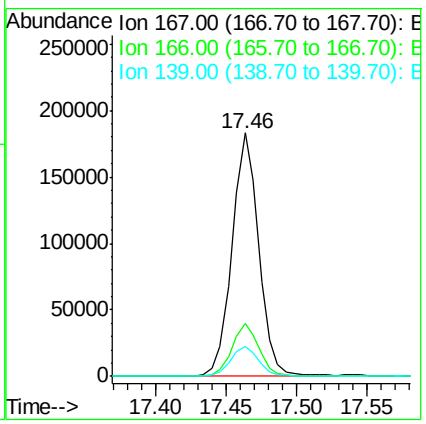


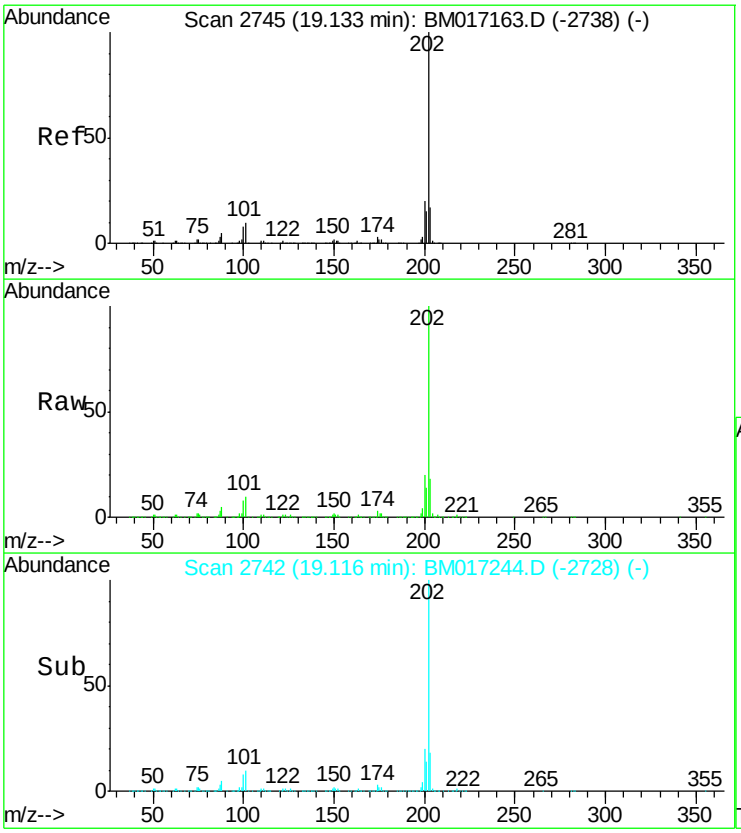
#73
Carbazole
Concen: 3.033 ng
RT: 17.46 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:167 Resp: 241456

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.2	10.1	15.1

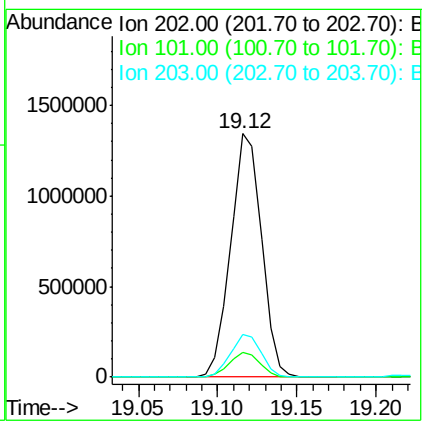


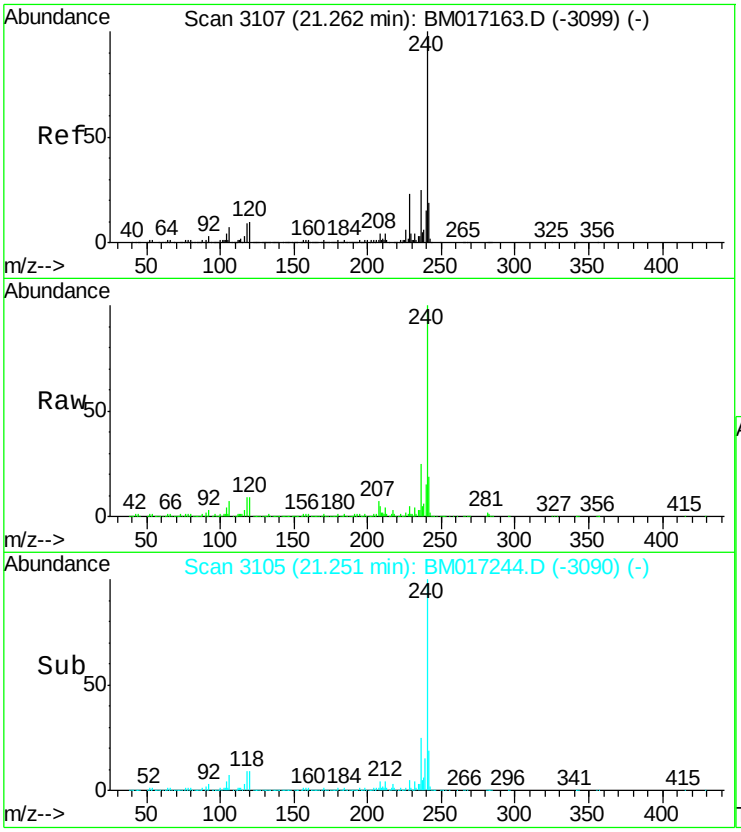


#75
Fluoranthene
Concen: 19.637 ng
RT: 19.12 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:202 Resp: 1812529

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.0
203	17.7	0.0	37.2



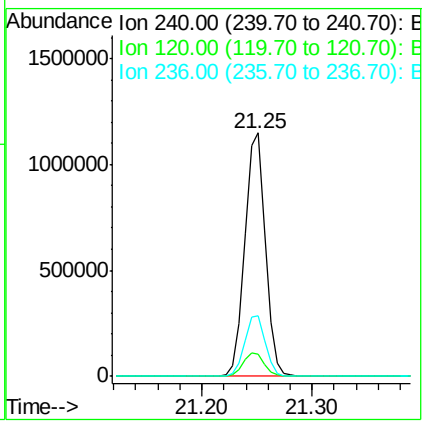


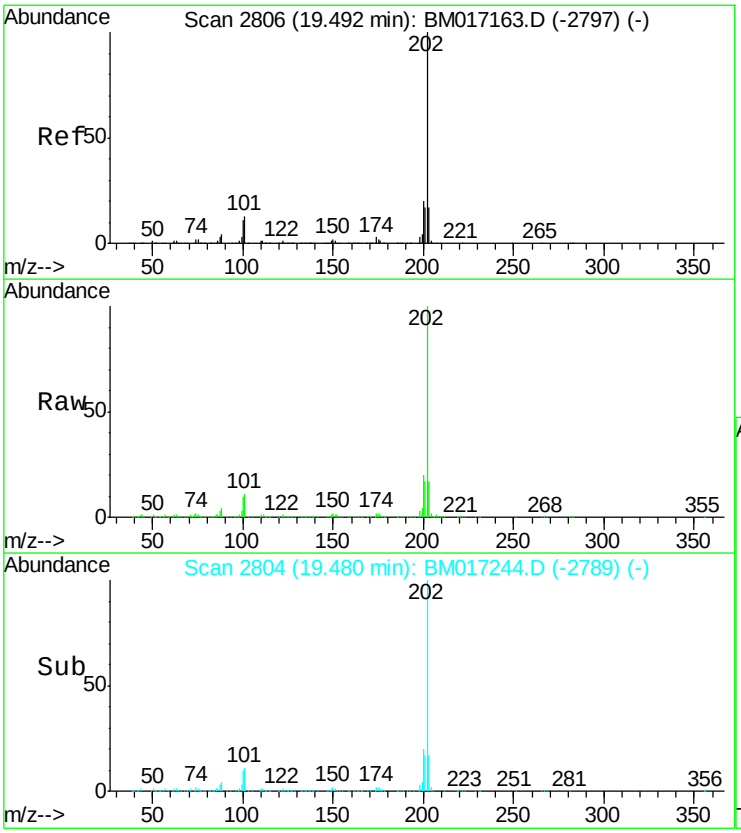
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:240 Resp: 1509700

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	24.8	19.9	29.9

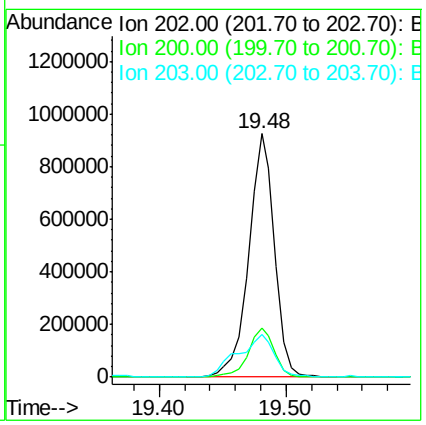


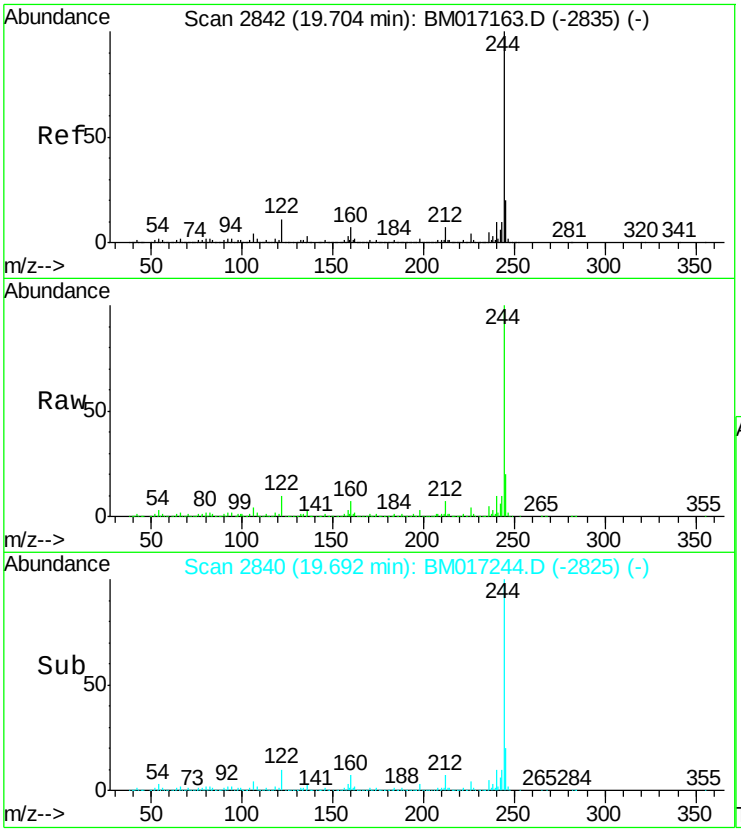


#78
Pyrene
Concen: 15.470 ng
RT: 19.48 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:202 Resp: 1305296

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.3	24.5
203	17.5	13.9	20.9



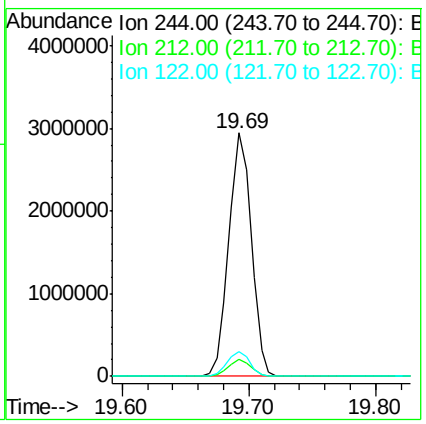


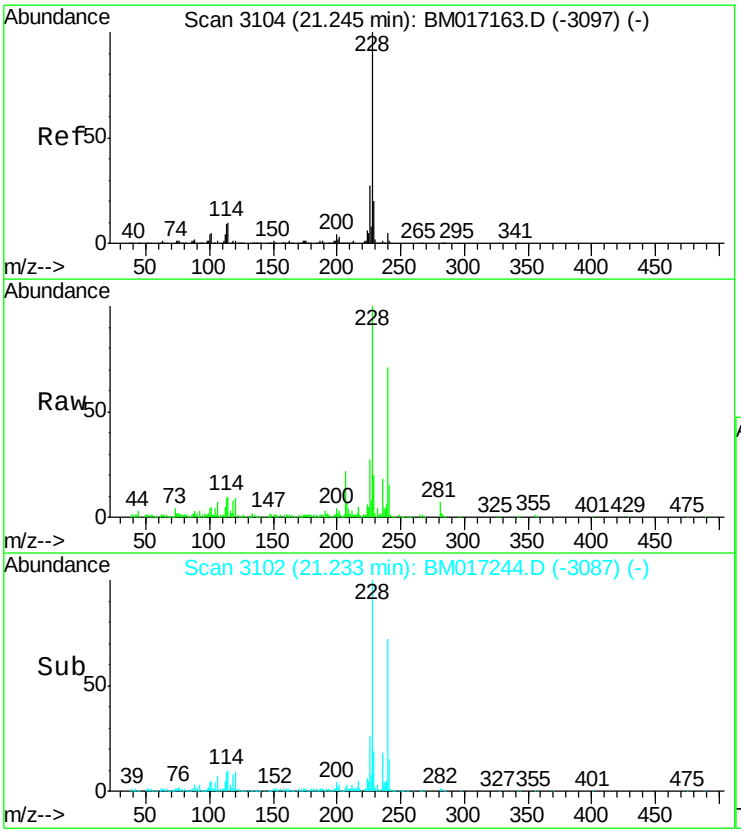
#79
Terphenyl-d14
Concen: 53.996 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:244 Resp: 3616551

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.2	8.4	12.6

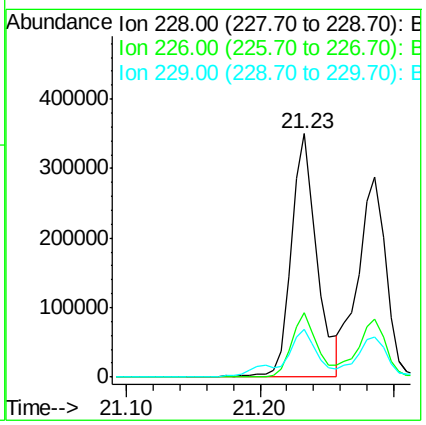


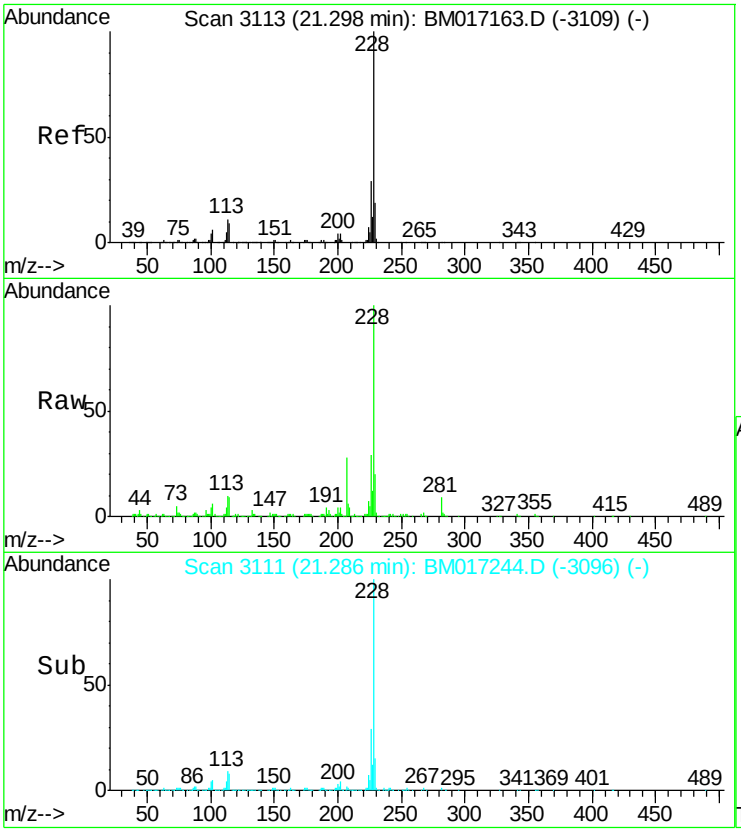


#81
Benzo(a)anthracene
Concen: 5.452 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:228 Resp: 463207

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	19.6	15.9	23.9



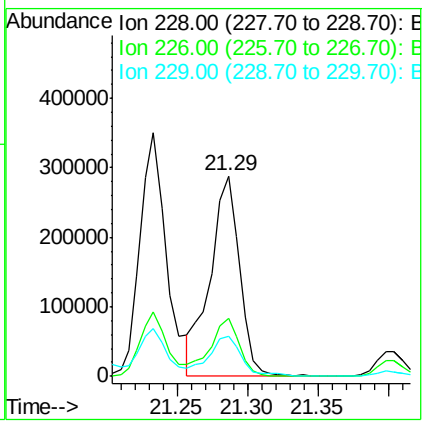


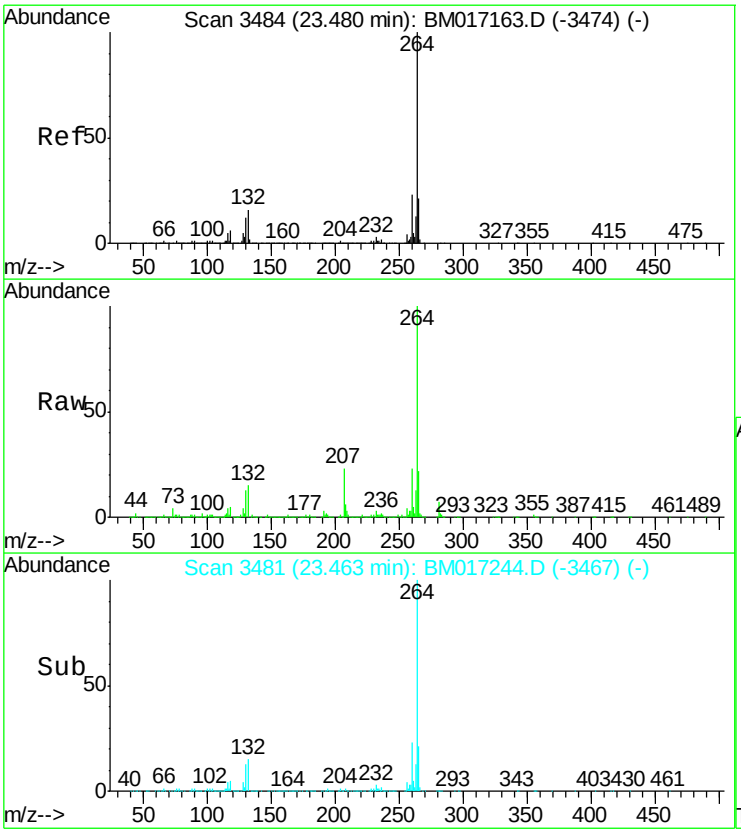
#83
Chrysene
Concen: 4.925 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:228 Resp: 414115

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.3	34.9
229	19.7	15.6	23.4

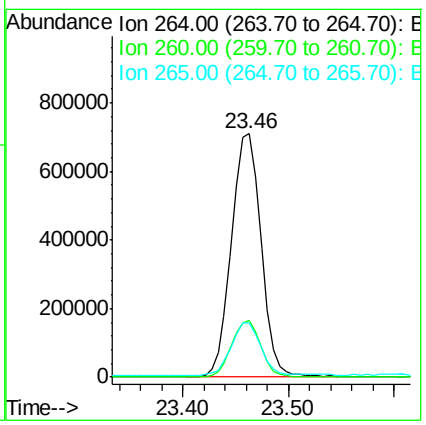


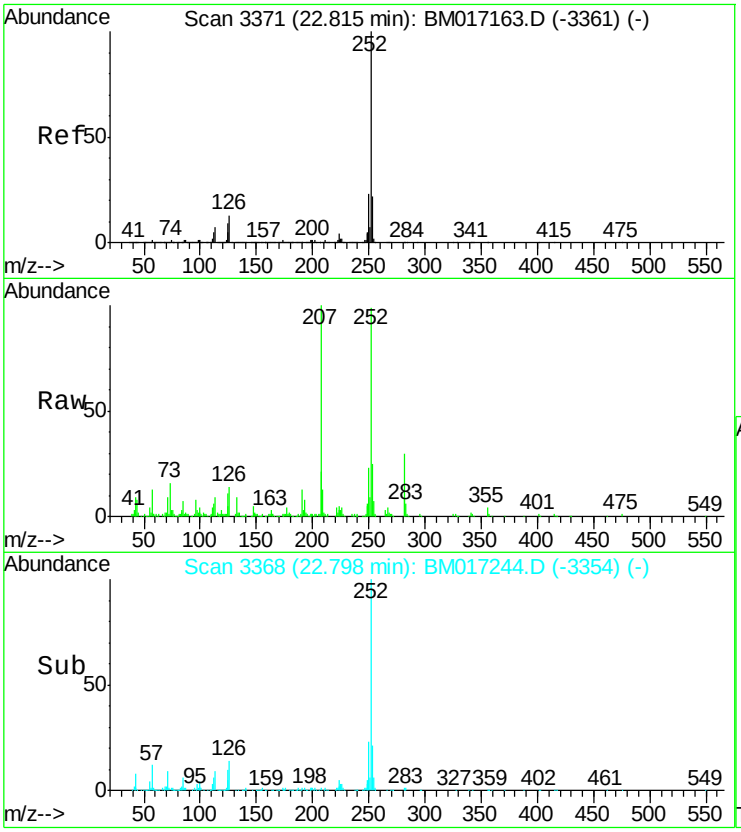


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:264 Resp: 1381134

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.2	17.8	26.8



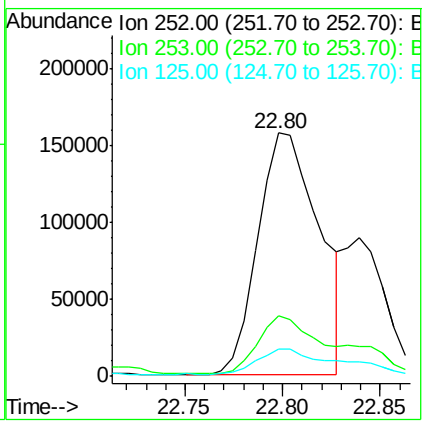


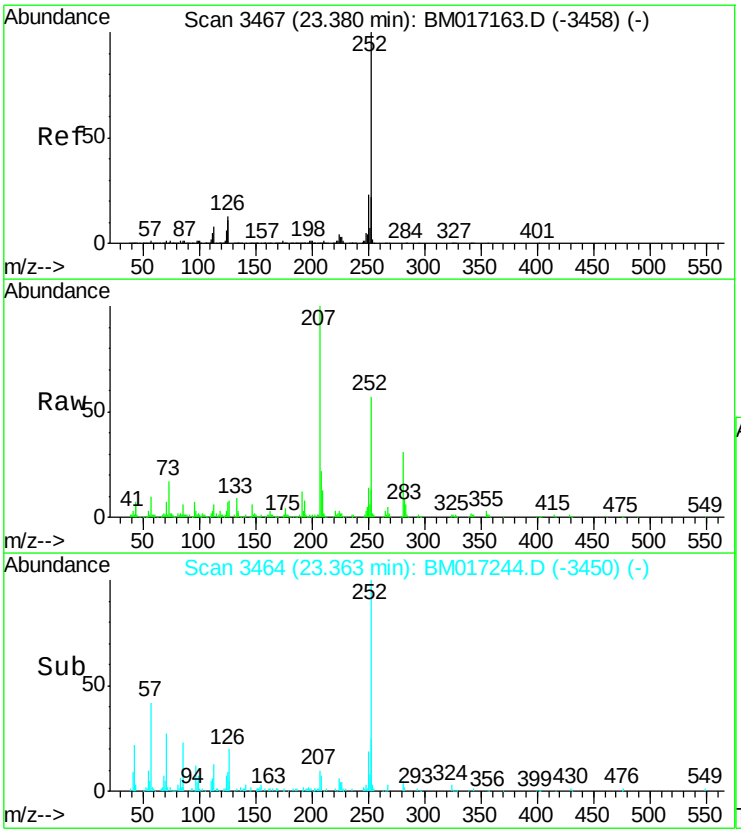
#88
Benzo(b)fluoranthene
Concen: 4.556 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Tgt Ion:252 Resp: 344017

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	11.3	7.5	11.3





#90
Benzo(a)pyrene
Concen: 2.362 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017244.D
Acq: 19 Oct 2018 23:41

Tgt Ion:252 Resp: 169355

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	11.8	8.6	13.0