Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013995.D
Acq On : 30 Jan 2018 13:46
Operator : SJ/JU
Sample : J1243-11DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 30 14:41:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	74987	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	304633	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	239033	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	534684	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	643179	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	644453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	673	0.35	ng/uL	0.00
5) Phenol-d5	6.82	99	651	0.11	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.92	67	17048	4.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	21249	4.53	ng/ul	0.01
13) 4-Methylphenol-d8	8.30	113	20545	4.64	ng/ul	0.02
19) Nitrobenzene-d5	8.73	128	12097	5.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	11434	4.58	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.99	165	24694	5.12	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	21172	5.06	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	110976	5.63	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	125715	5.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	681	0.21	ng/ul	0.00
57) Fluorene-d10	15.22	176	103250	5.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	9036	2.81	ng/ul	0.02
70) Anthracene-d10	16.98	188	534684	20.53	ng/ul	-0.09
76) Pyrene-d10	19.38	212	202885	6.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	194360	6.56	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.66	117	7237	3.180	ng/ul#	1
28) Naphthalene	10.40	128	6117092	403.623	ng/ul	100
30) 4-Chloroaniline	10.40	127	810552	195.259	ng/ul#	24
34) 2-Methylnaphthalene	12.02	142	3004020	265.858	ng/ul	95
40) 1,1'-Biphenyl	13.05	154	715509	35.961	ng/ul	99
44) Dimethylphthalate	13.69	163	23583	1.218	ng/ul#	92
47) Acenaphthylene	13.95	152	31520	1.371	ng/ul#	72
49) Acenaphthene	14.29	153	1996512	125.414	ng/ul	99
53) Dibenzofuran	14.63	168	2844784	118.786	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.87	232	10303	2.053	ng/ul#	87
58) Fluorene	15.28	166	1662766	84.759	ng/ul	99
68) Pentachlorophenol	16.64	266	126827	35.110	ng/ul	97
69) Phenanthrene	17.03	178	12679922	426.633	ng/ul	97
71) Anthracene	17.12	178	1408948	45.961	ng/ul	98
72) Carbazole	17.39	167	277978	10.985	ng/ul	98
74) Fluoranthene	19.05	202	7353320	207.268	ng/ul#	94
77) Pyrene	19.41	202	4602109	117.699	ng/ul#	94
80) Benzo(a)anthracene	21.16	228	936256	24.090	ng/ul	99
82) Chrysene	21.22	228	705763	19.795	ng/ul	99
85) Benzo(b)fluoranthene	22.72	252	472296	11.933	ng/ul#	99
86) Benzo(k)fluoranthene	22.72	252	472296	12.346	ng/ul#	97
88) Benzo(a)pyrene	23.27	252	242036	6.474	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.54	276	68737	1.557	ng/ul#	90

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
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Acq On : 30 Jan 2018 13:46
Operator : SJ/JU
Sample : J1243-11DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 30 14:41:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.21	276	44927	1.237	ng/ul	93

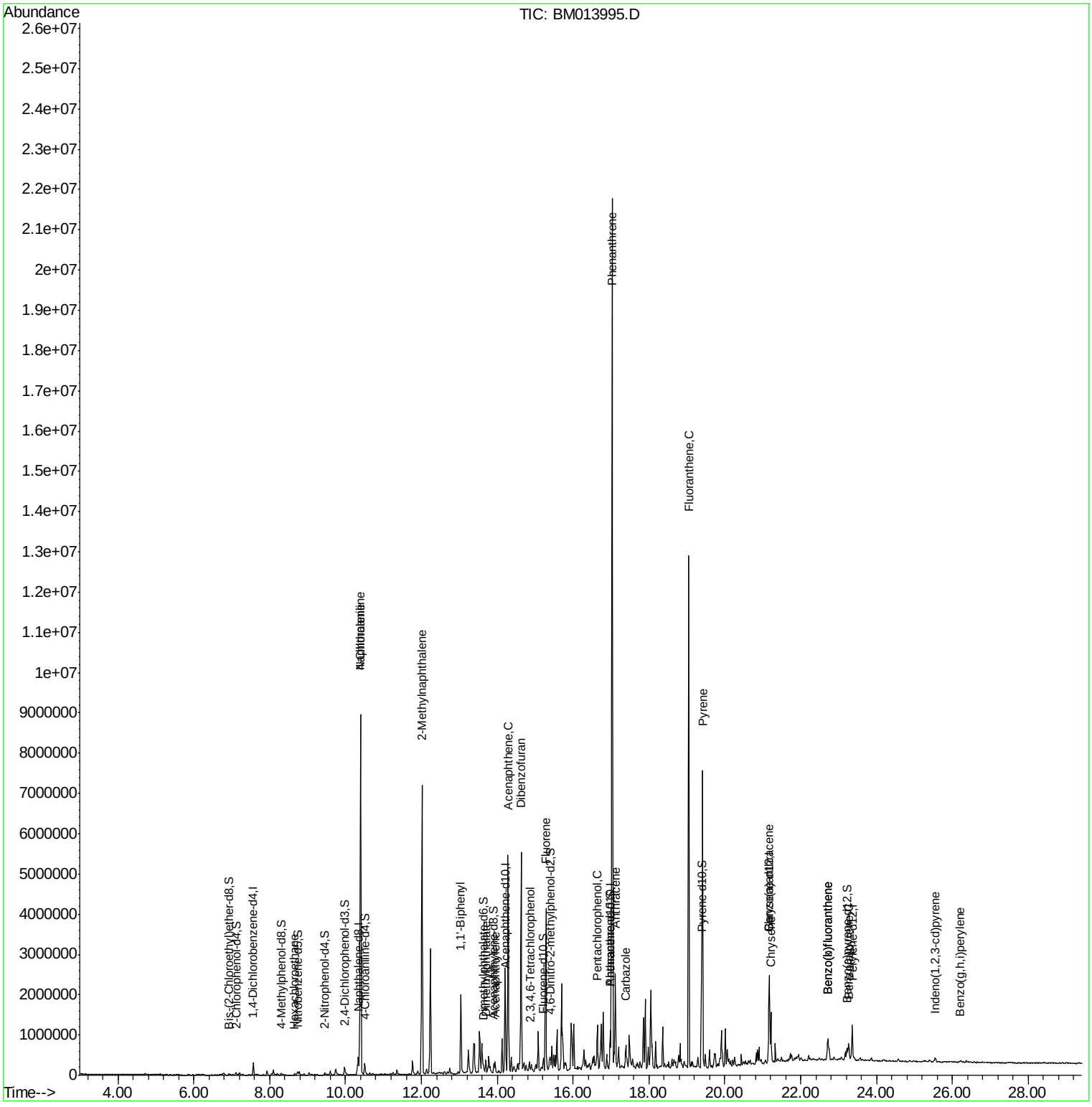
(#) = qualifier out of range (m) = manual integration (+) = signals summed

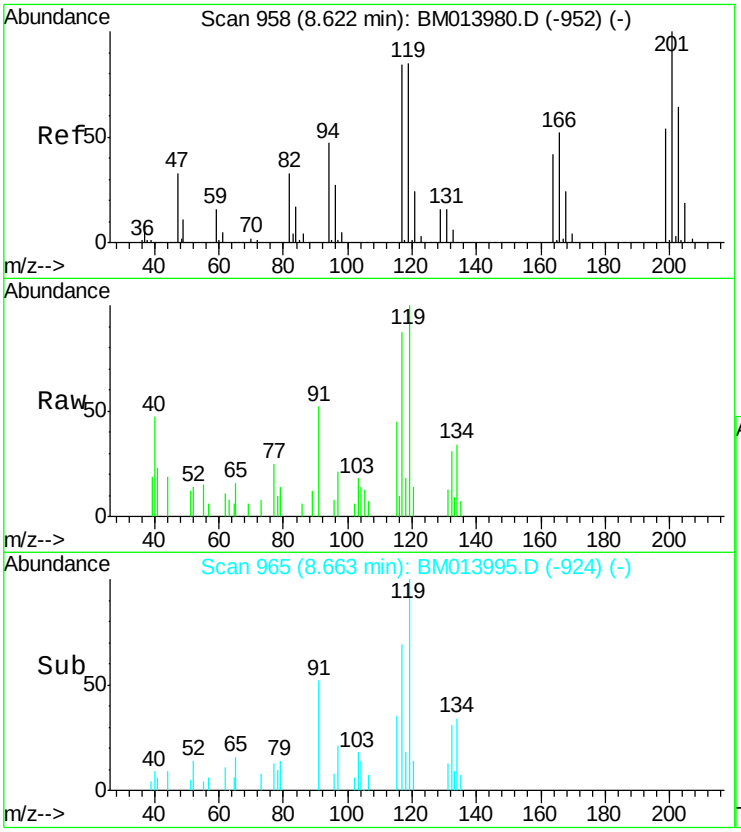
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013995.D
Acq On : 30 Jan 2018 13:46
Operator : SJ/JU
Sample : J1243-11DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 30 14:41:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration



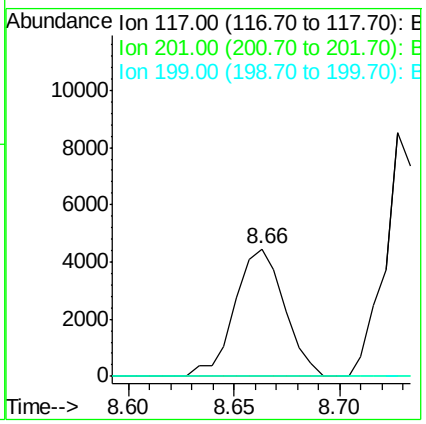


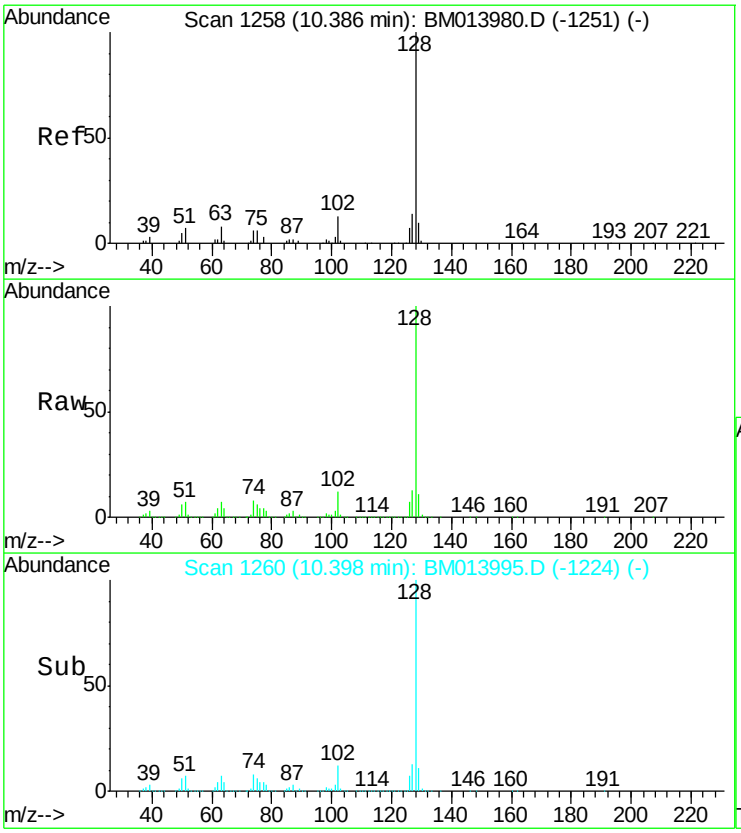
#17
Hexachloroethane
Concen: 3.180 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. 0.04 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 7237

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#

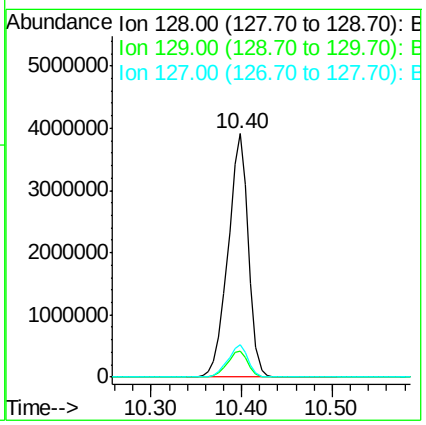


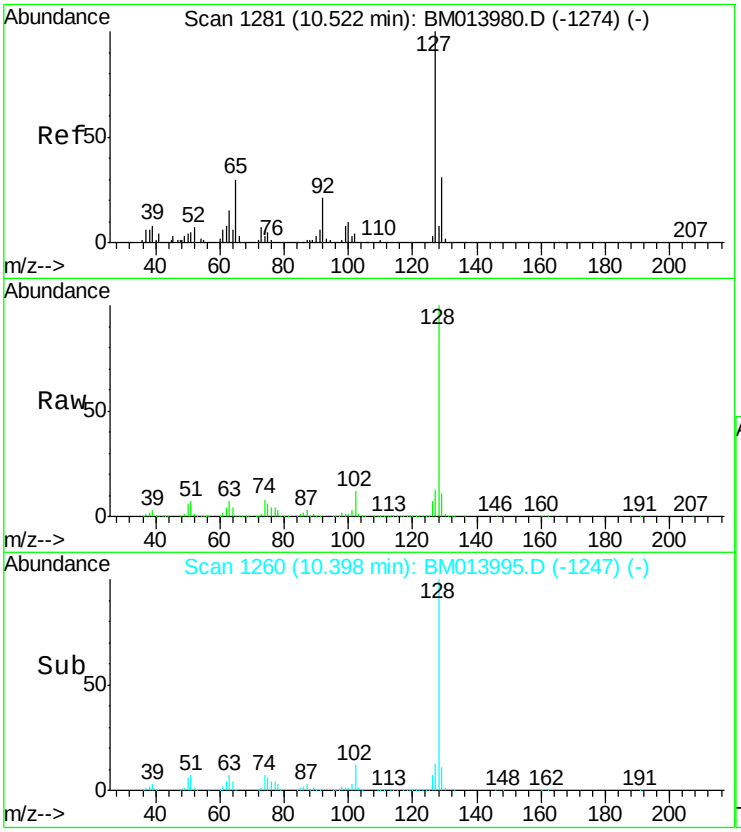


#28
Naphthalene
Concen: 403.623 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:128 Resp: 6117092

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.3	10.6	16.0



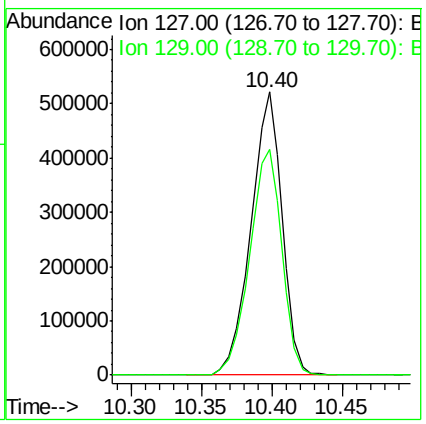


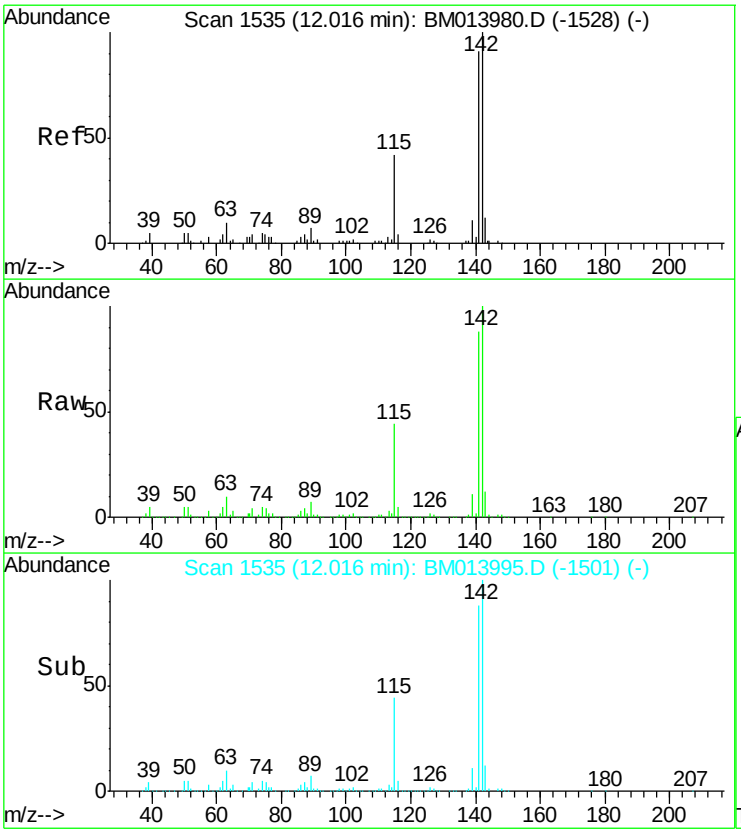
#30
4-Chloroaniline
Concen: 195.259 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.12 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 810552

Ion	Ratio	Lower	Upper
127	100		
129	79.8	28.4	42.6#

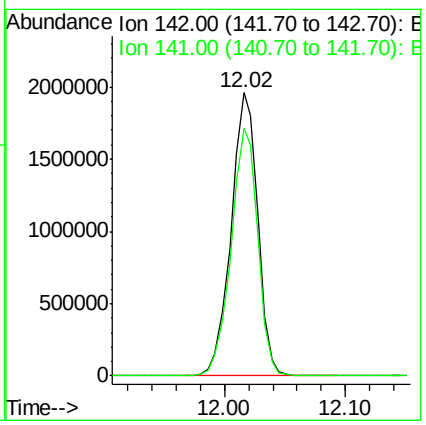


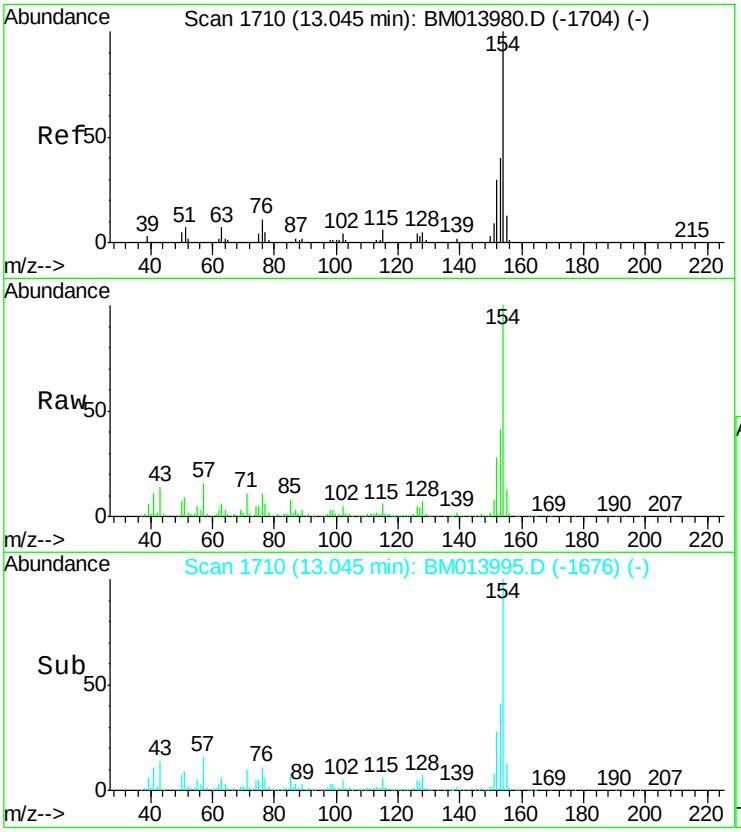


#34
2-Methylnaphthalene
Concen: 265.858 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:142 Resp: 3004020

Ion	Ratio	Lower	Upper
142	100		
141	87.6	74.1	111.1



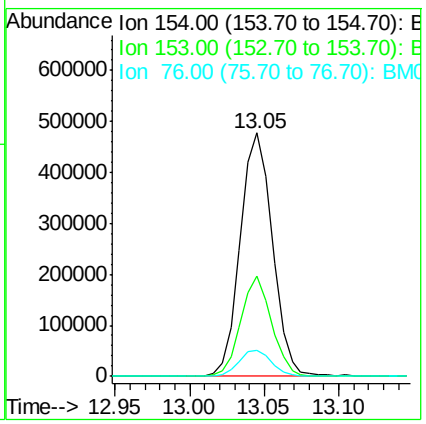


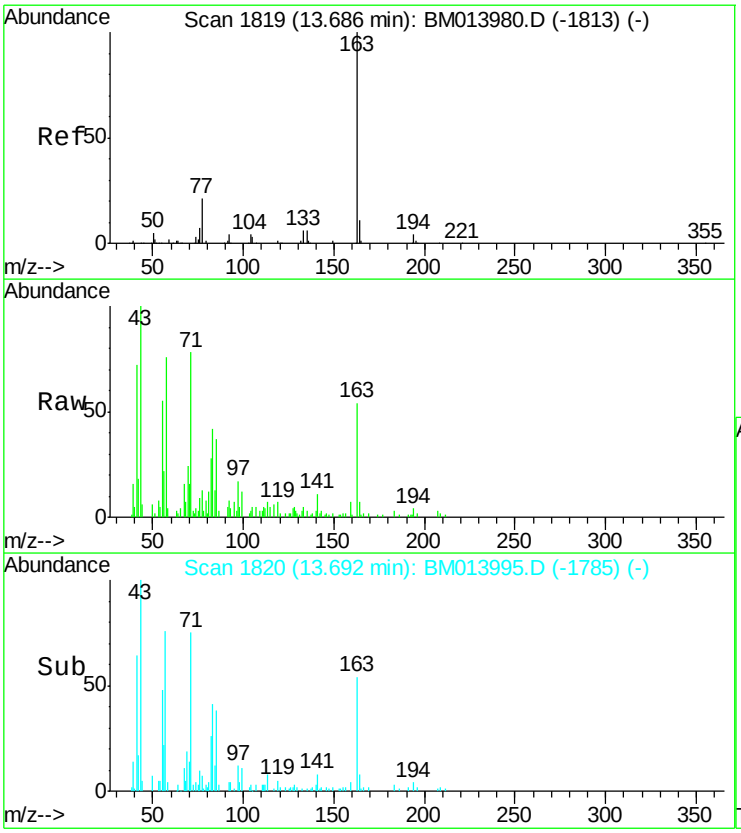
#40
1,1'-Biphenyl
Concen: 35.961 ng/ul
RT: 13.05 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 715509

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	48.8
76	10.7	8.5	12.7

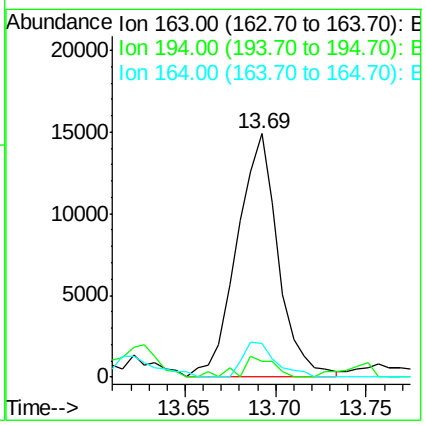


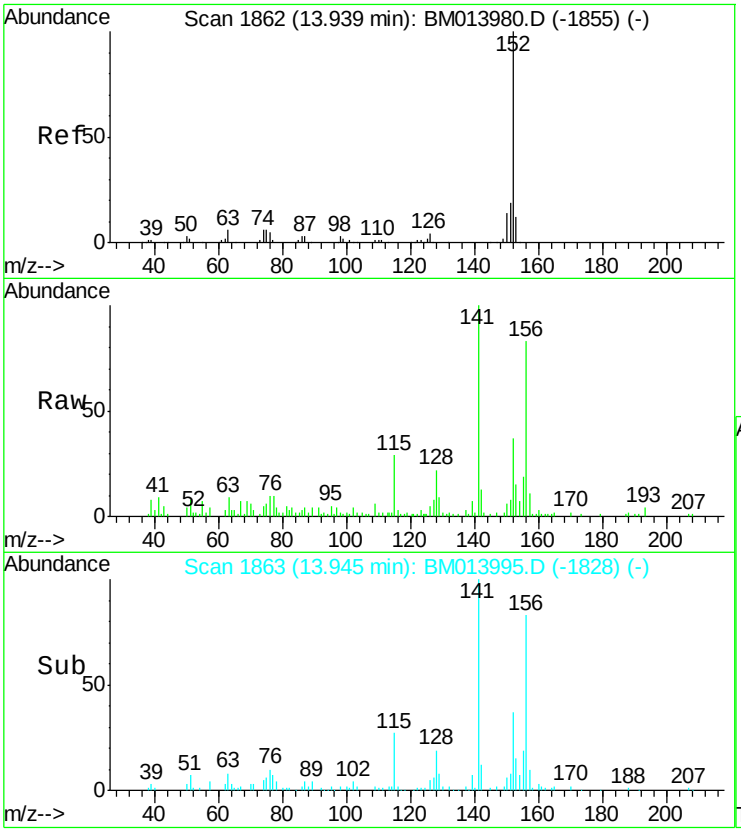


#44
Dimethylphthalate
Concen: 1.218 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:163 Resp: 23583

Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.5	5.3#
164	13.6	8.2	12.4#



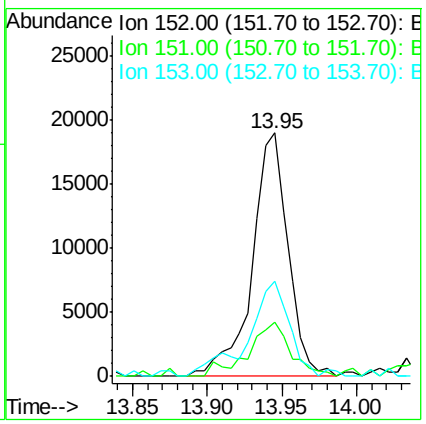


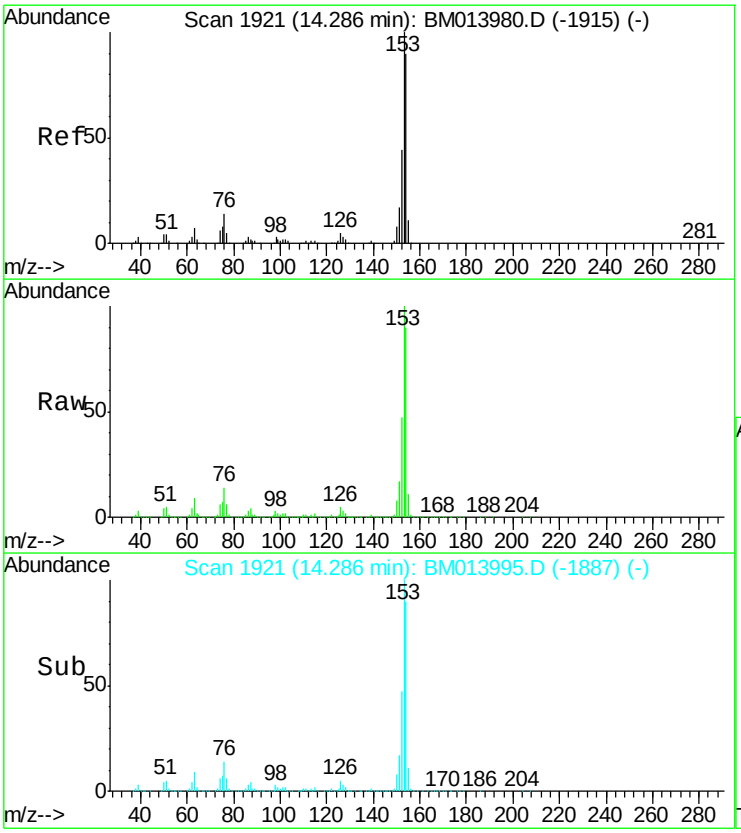
#47
Acenaphthylene
Concen: 1.371 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 31520

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.3	24.5
153	39.1	10.2	15.4#

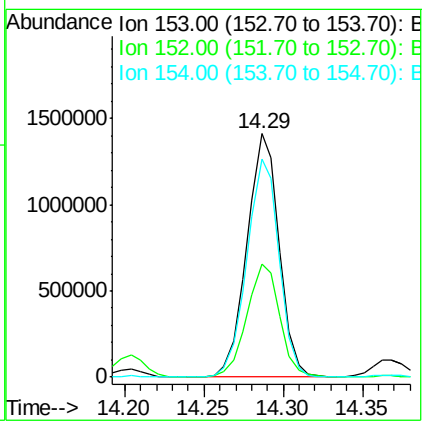


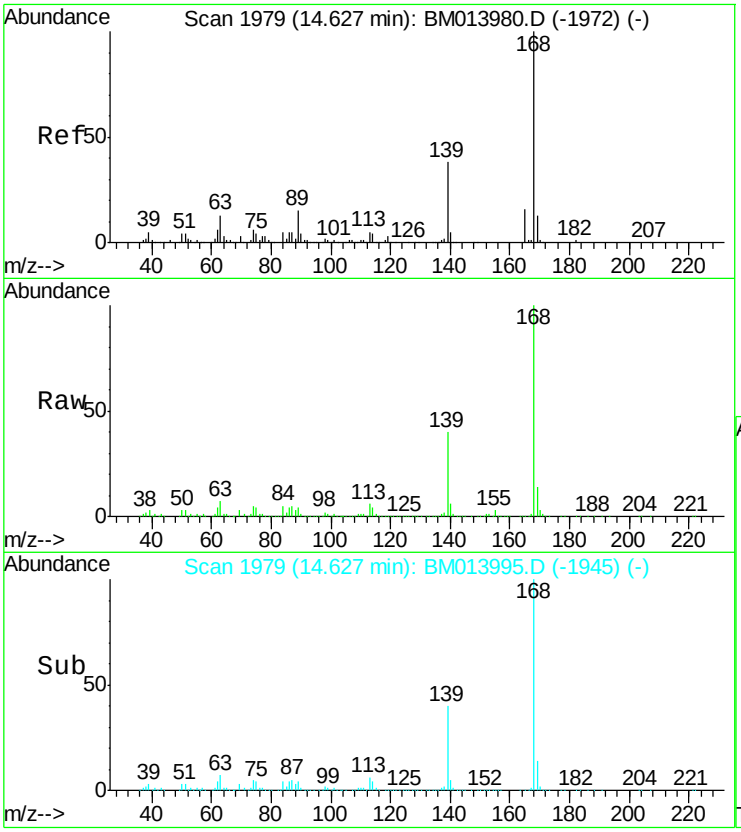


#49
Acenaphthene
Concen: 125.414 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:153 Resp: 1996512

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.6	56.4
154	89.5	70.4	105.6



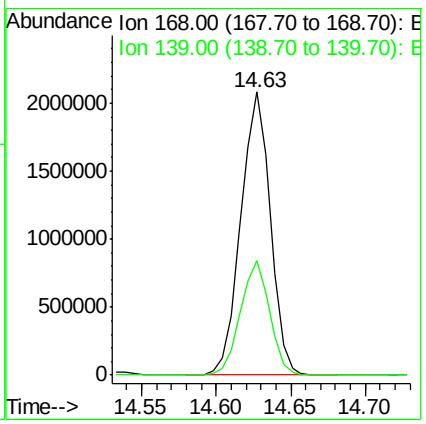


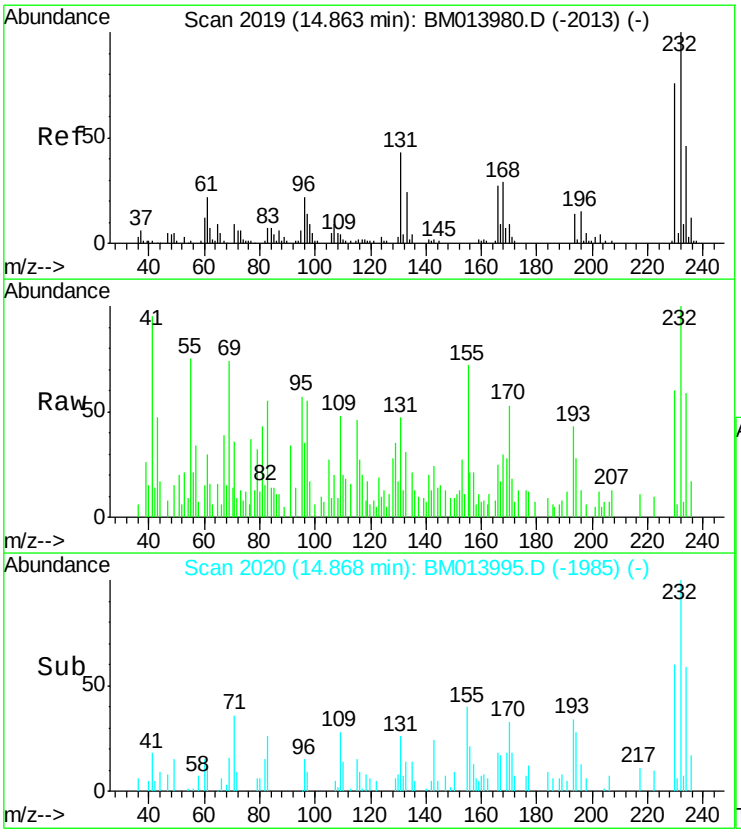
#53
Dibenzofuran
Concen: 118.786 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 2844784

Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.8	46.2

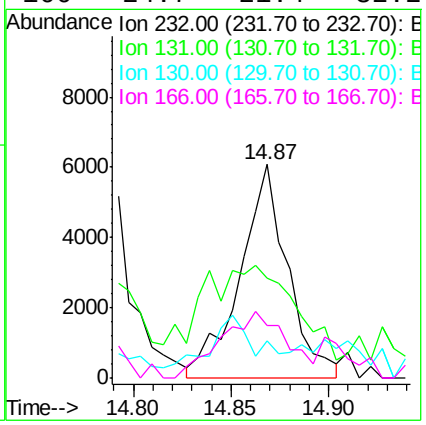


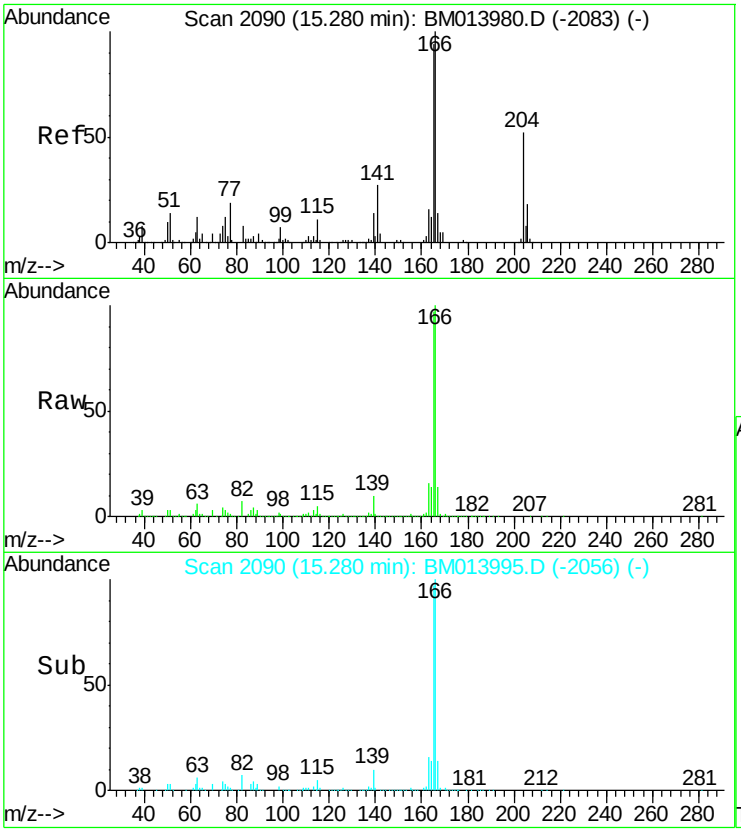


#55
2,3,4,6-Tetrachlorophenol
Concen: 2.053 ng/ul
RT: 14.87 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:232 Resp: 10303

Ion	Ratio	Lower	Upper
232	100		
131	46.5	29.0	43.4#
130	17.3	2.0	3.0#
166	24.7	21.4	32.2



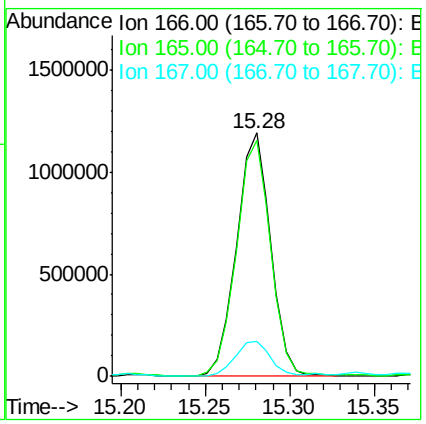


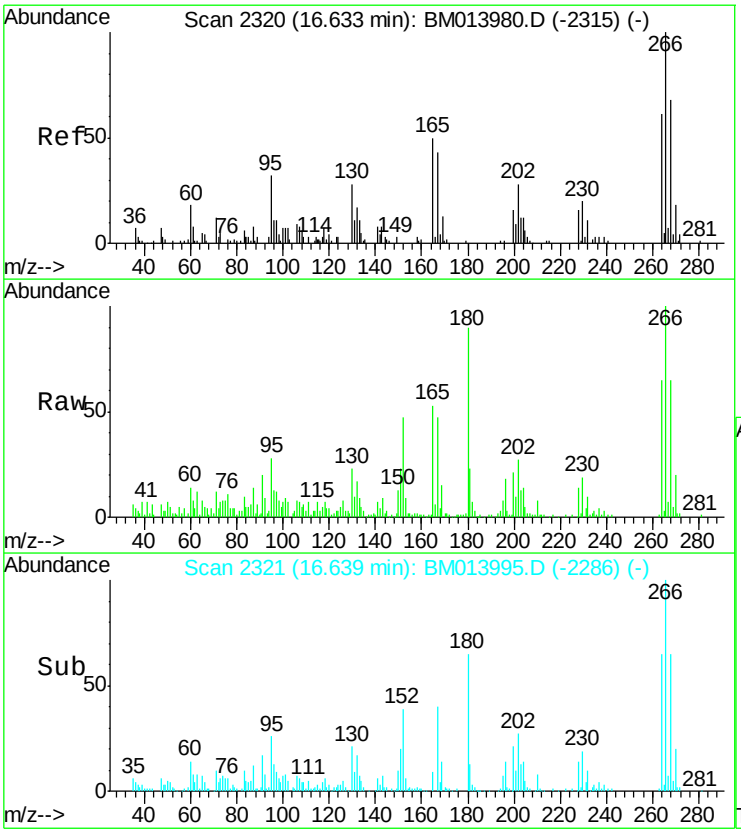
#58
Fluorene
Concen: 84.759 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1662766

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	14.2	10.6	16.0

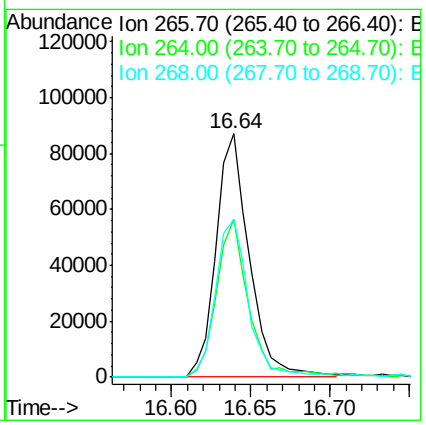


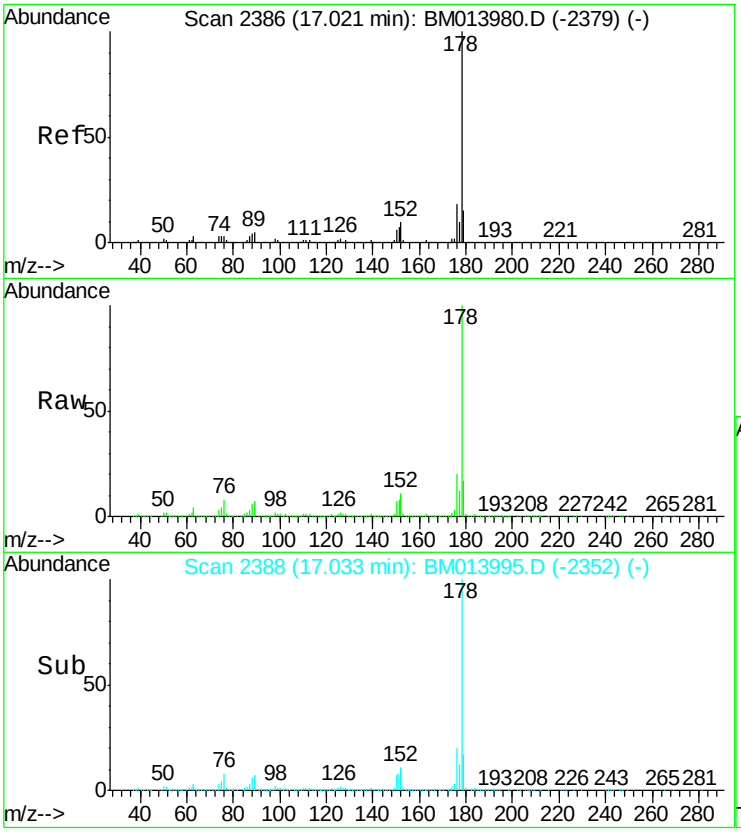


#68
Pentachlorophenol
Concen: 35.110 ng/ul
RT: 16.64 min Scan# 2321
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:266 Resp: 126827

Ion	Ratio	Lower	Upper
266	100		
264	65.0	49.3	73.9
268	65.1	52.6	78.8



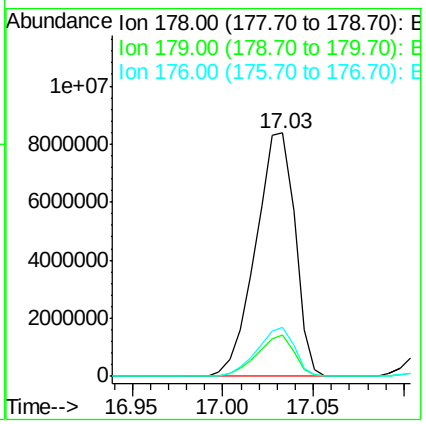


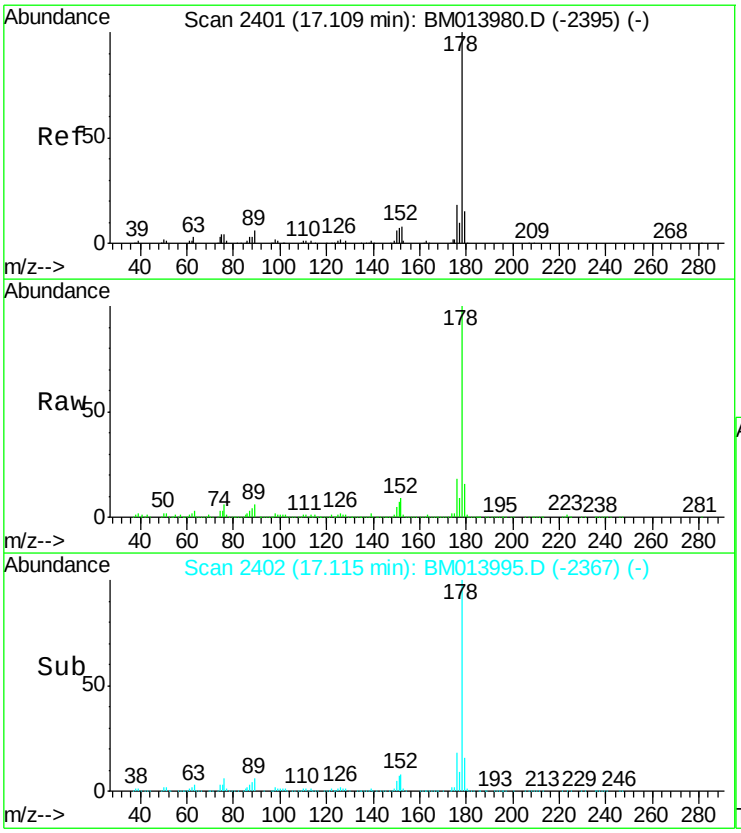
#69
Phenanthrene
Concen: 426.633 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:12679922

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	19.0
176	20.4	14.9	22.3

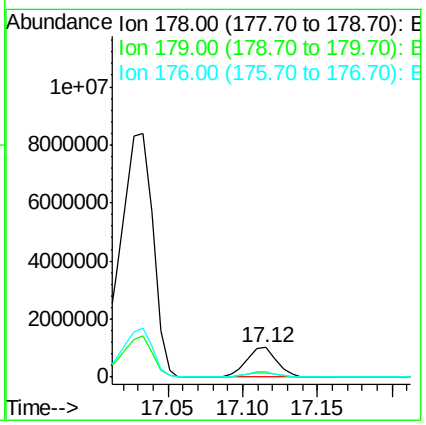


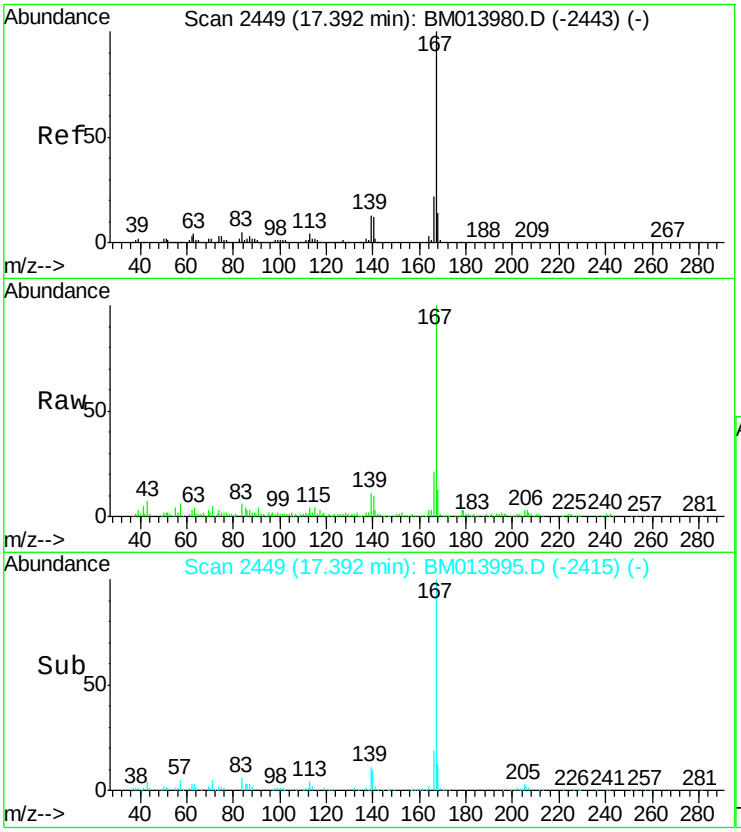


#71
Anthracene
Concen: 45.961 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:178 Resp: 1408948

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	18.3	14.6	21.8



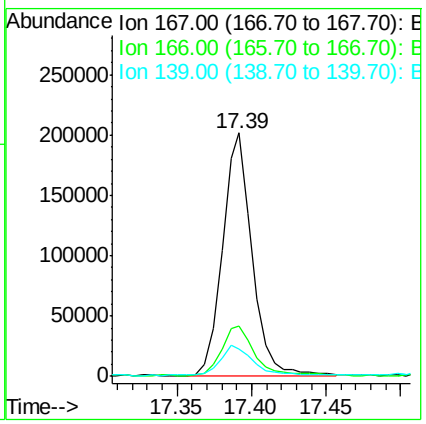


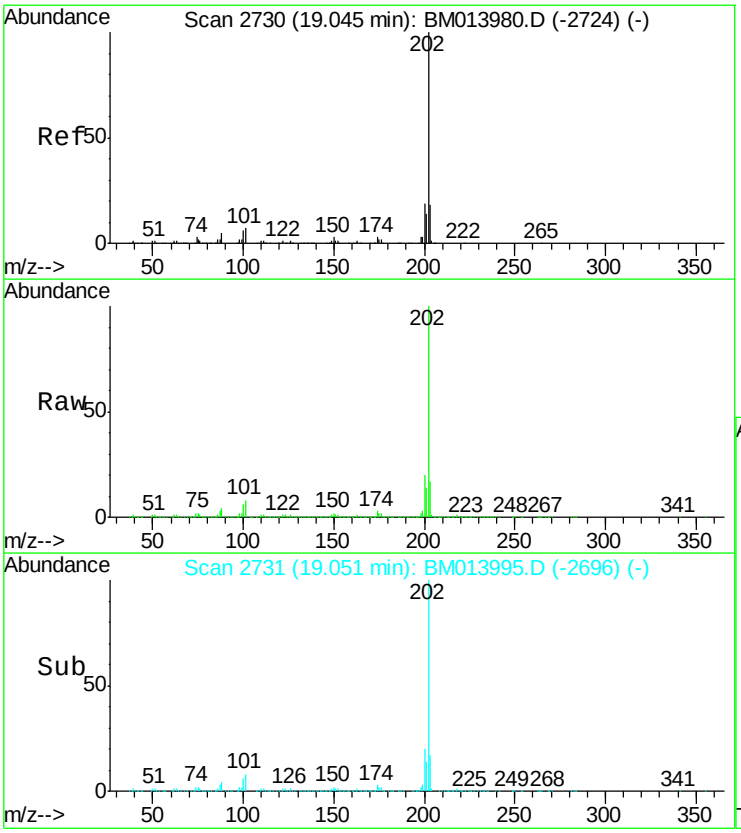
#72
Carbazole
Concen: 10.985 ng/ul
RT: 17.39 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 277978

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	11.5	10.0	15.0

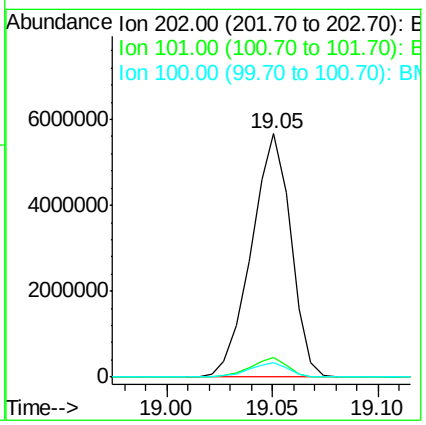


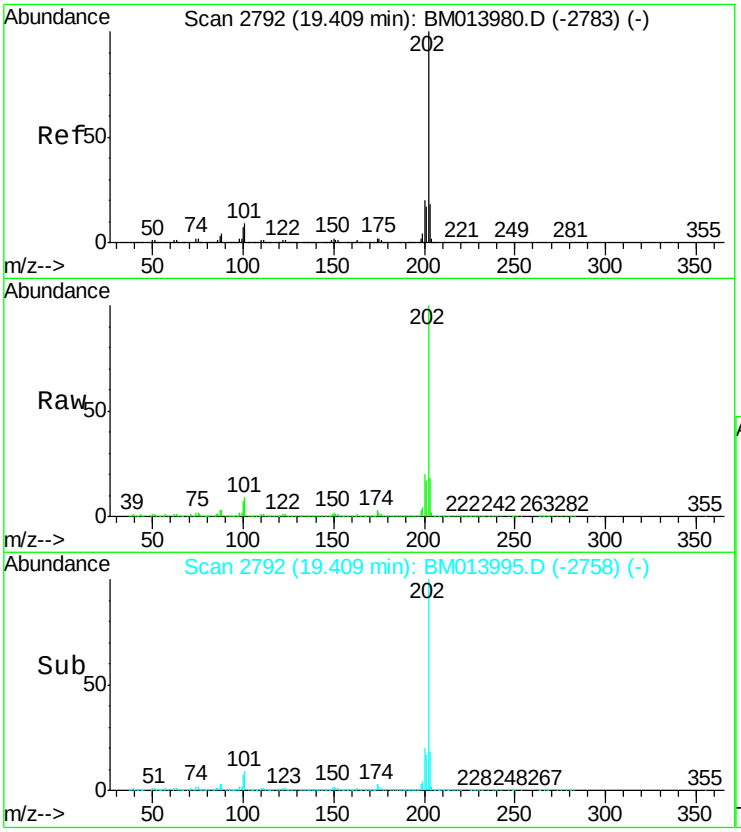


#74
Fluoranthene
Concen: 207.268 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:202 Resp: 7353320

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.1	3.4	5.2#



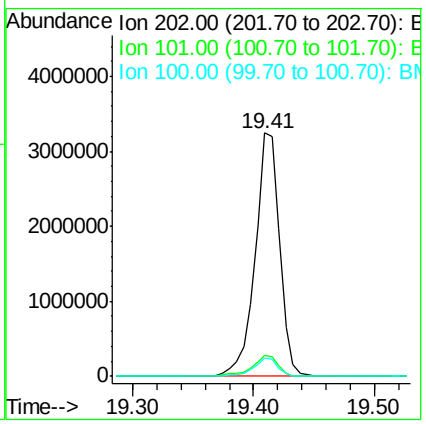


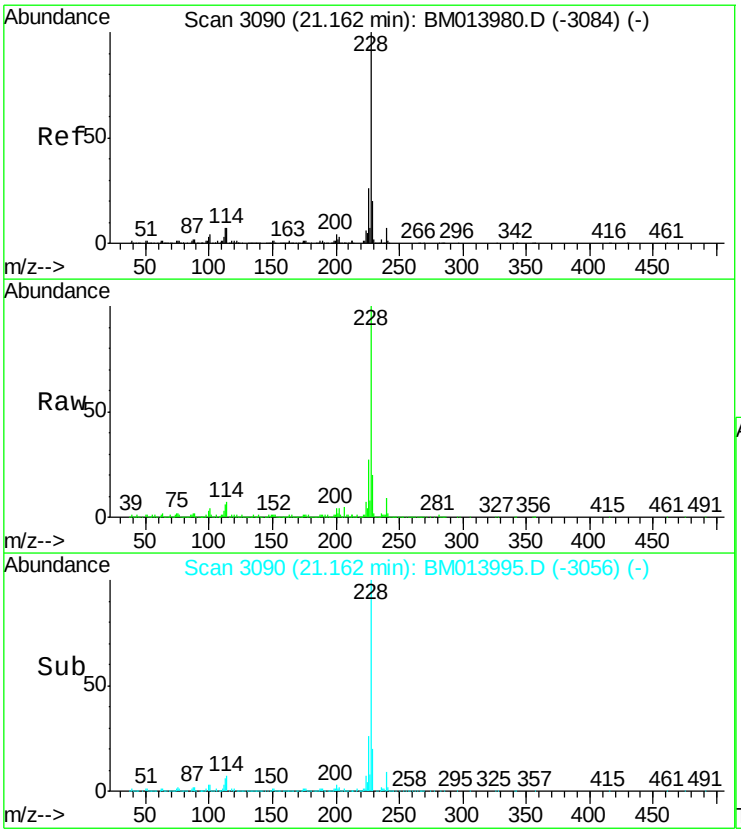
#77
Pyrene
Concen: 117.699 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4602109

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.4	4.9	7.3#

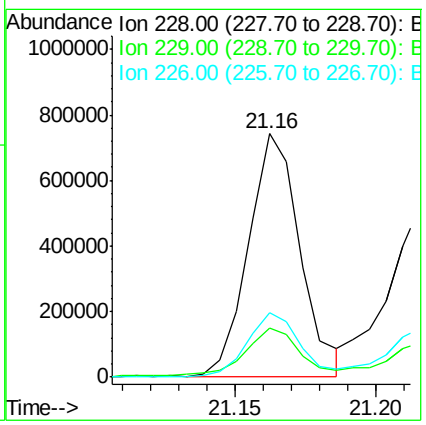


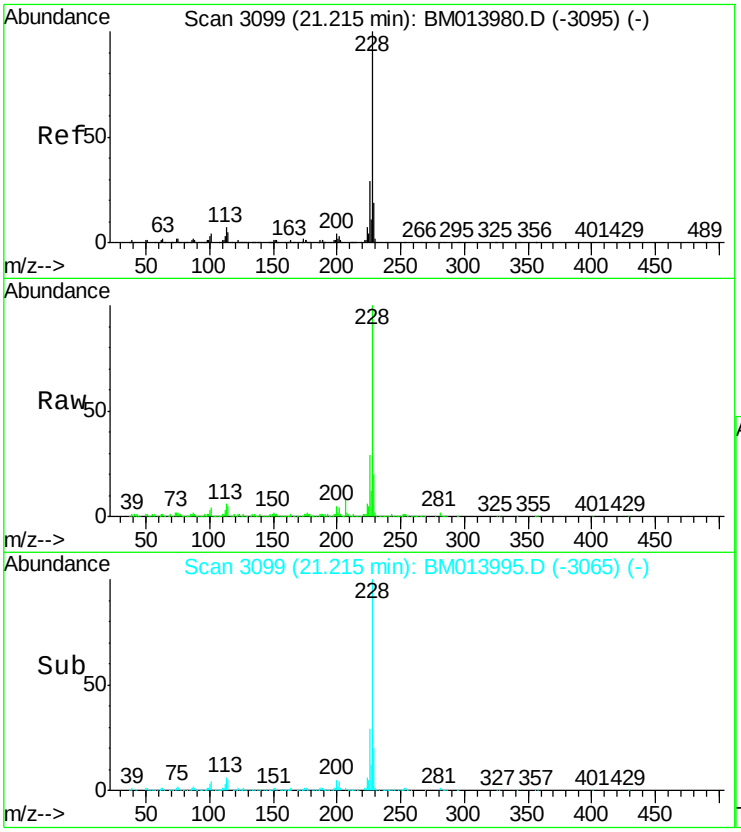


#80
Benzo(a)anthracene
Concen: 24.090 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:228 Resp: 936256

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	26.7	21.4	32.0



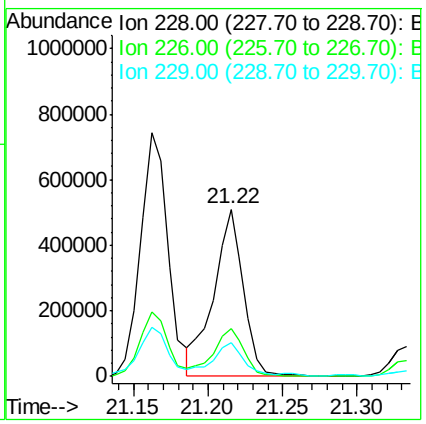


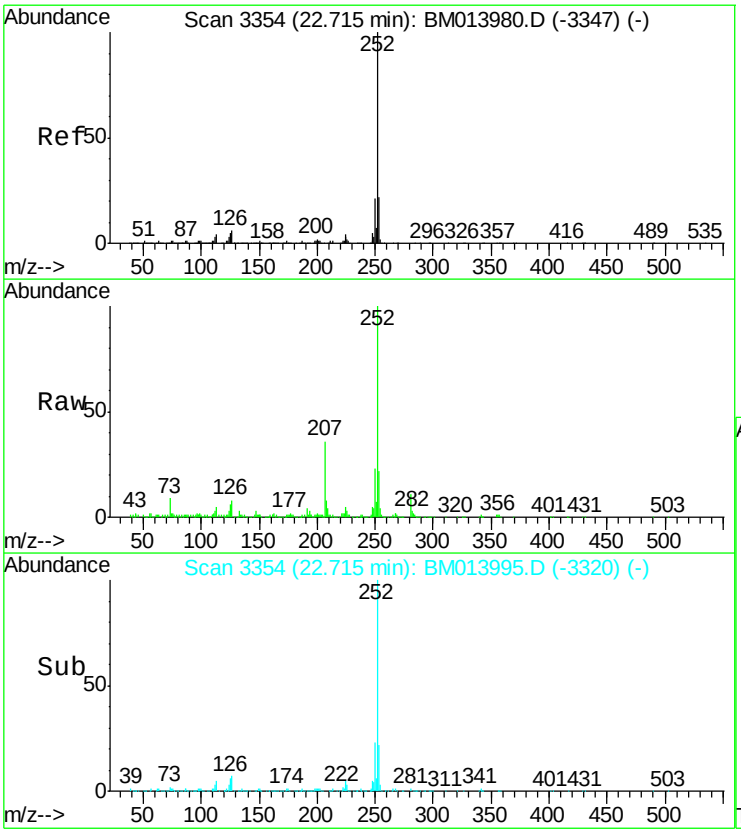
#82
Chrysene
Concen: 19.795 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 705763

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	20.2	15.5	23.3

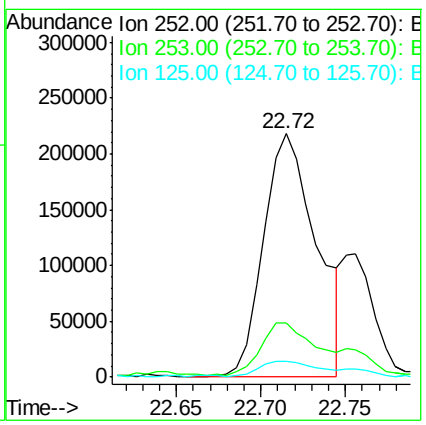


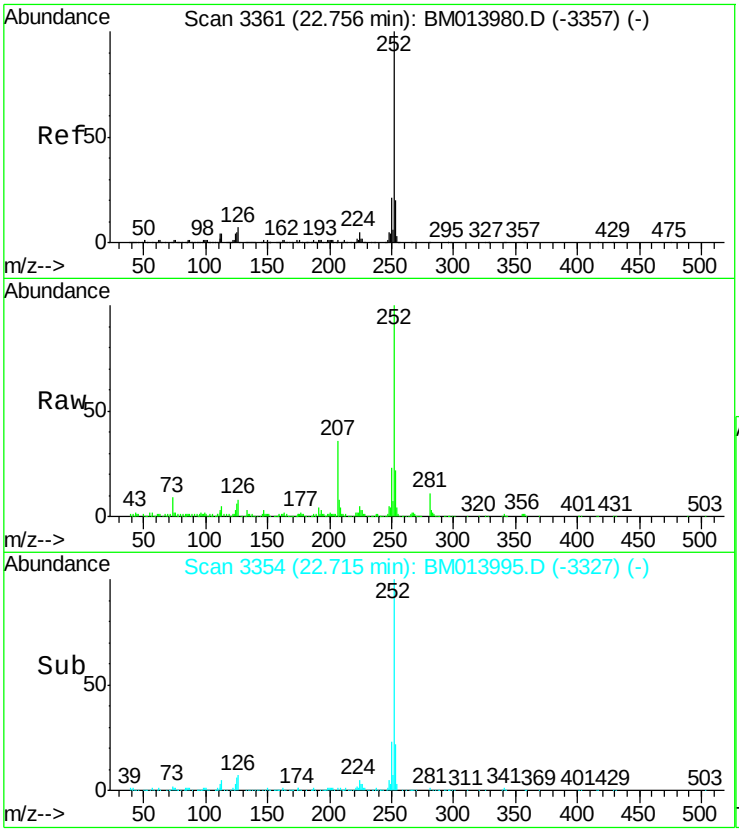


#85
Benzo(b)fluoranthene
Concen: 11.933 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:252 Resp: 472296

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	6.3	3.6	5.4#



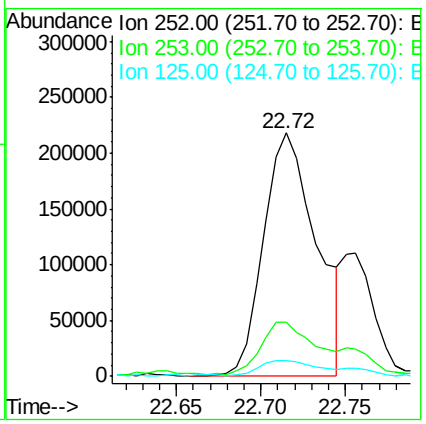


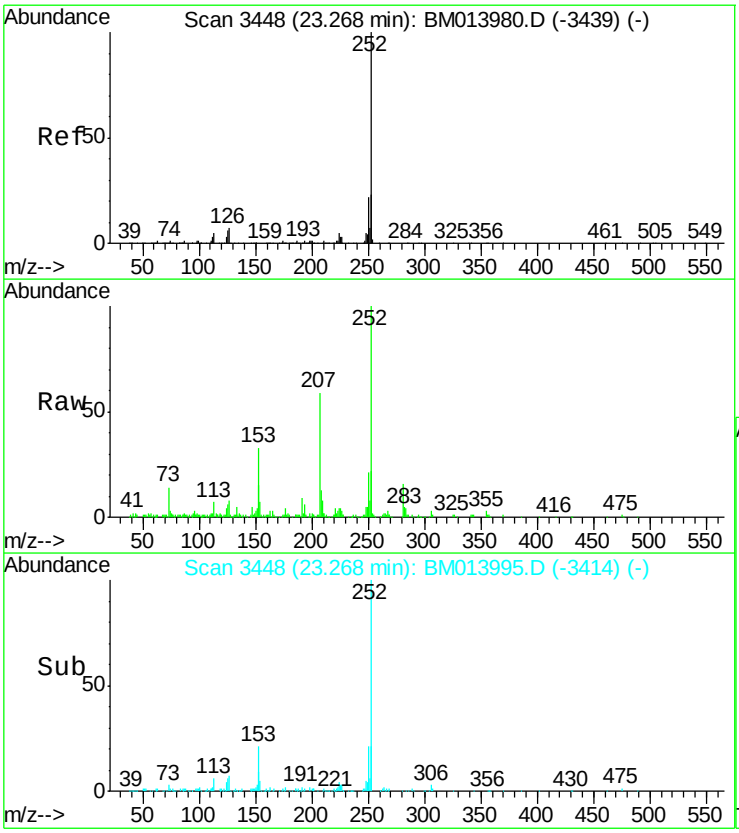
#86
Benzo(k)fluoranthene
Concen: 12.346 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 472296

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	6.3	3.4	5.2#

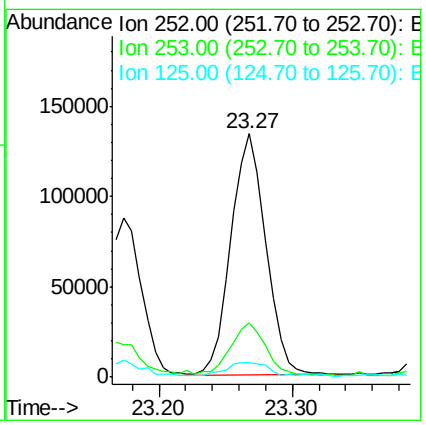


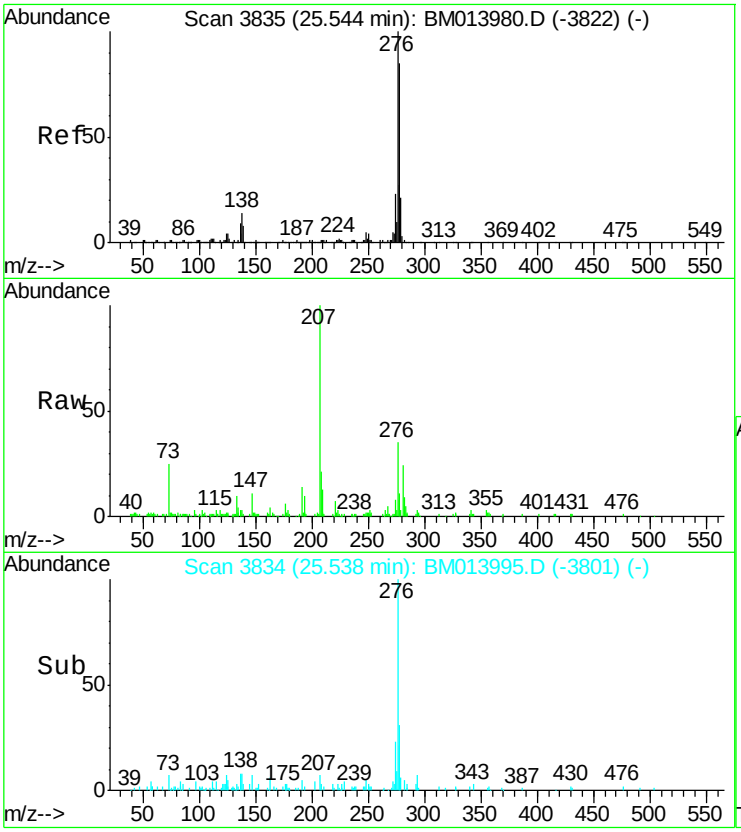


#88
Benzo(a)pyrene
Concen: 6.474 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. 0.00 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:252 Resp: 242036

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	6.1	4.0	6.0#



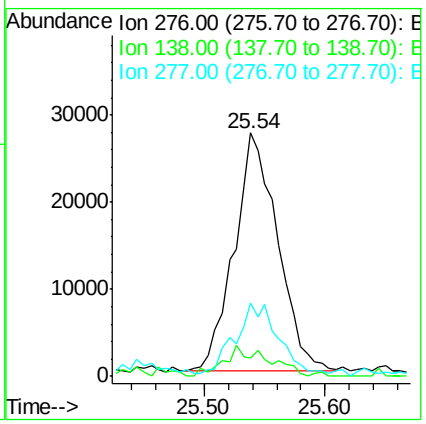


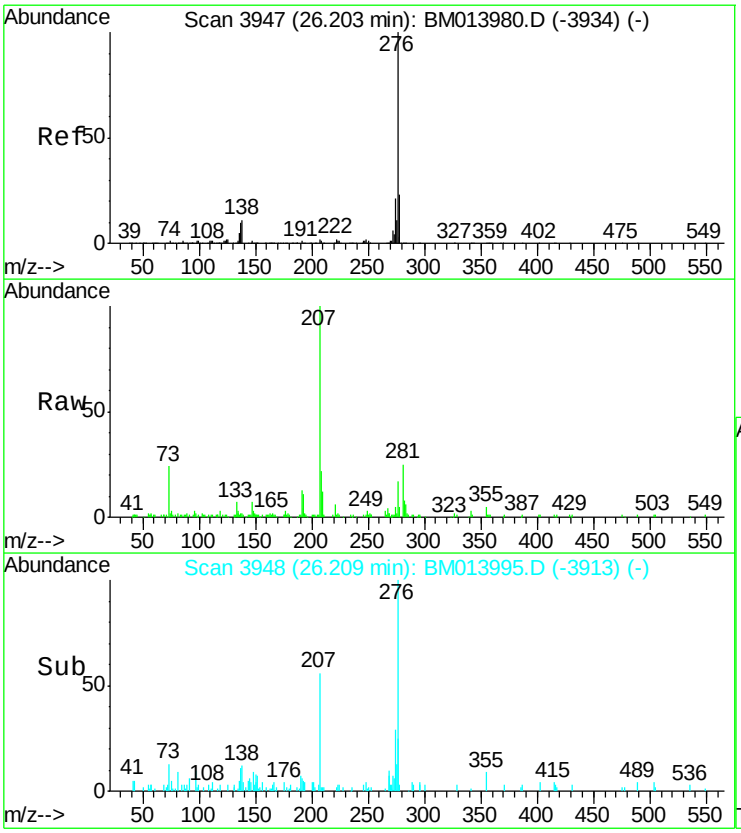
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.557 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 68737

Ion	Ratio	Lower	Upper
276	100		
138	7.5	9.3	13.9#
277	30.1	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 1.237 ng/ul
RT: 26.21 min Scan# 3948
Delta R.T. 0.01 min
Lab File: BM013995.D
Acq: 30 Jan 2018 13:46

Tgt Ion:276 Resp: 44927

Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.5	12.7
277	27.6	18.6	28.0