Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013327.D
Acq On : 12 Dec 2017 04:54
Operator : SJ/JU
Sample : I6759-12 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 12 06:19:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	302132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1366871	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	769033	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.13	188	1808765	20.00	ng/ul	0.05
75) Chrysene-d12	21.29	240	1665423	20.00	ng/ul	0.02
83) Perylene-d12	23.50	264	1245253	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1954	0.32	ng/uL	0.00
5) Phenol-d5	6.87	99	66348	2.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	39882	2.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	58542	2.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	62387	2.79	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	30964	2.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	31924	2.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	63667	2.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	87226	3.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	191068	2.79	ng/ul	0.01
46) Acenaphthylene-d8	14.02	160	245871	2.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	38377	3.23	ng/ul	0.02
57) Fluorene-d10	15.33	176	169622	2.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	2115	0.19	ng/ul	0.03
70) Anthracene-d10	17.23	188	257880	2.85	ng/ul	0.06
76) Pyrene-d10	19.50	212	160681	1.94	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.36	264	186322	2.94	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.52	128	5057887	71.923	ng/ul	99
30) 4-Chloroaniline	10.52	127	659236	30.991	ng/ul#	23
34) 2-Methylnaphthalene	12.14	142	4533384	85.755	ng/ul	94
40) 1,1'-Biphenyl	13.16	154	195432	3.007	ng/ul#	96
47) Acenaphthylene	14.05	152	958856	12.269	ng/ul#	92
49) Acenaphthene	14.48	153	2272833	42.692	ng/ul#	26
53) Dibenzofuran	14.65	168	1098874	13.982	ng/ul#	50
55) 2,3,4,6-Tetrachlorophenol	14.89	232	148634	8.821	ng/ul	93
58) Fluorene	15.49	166	146901	2.259	ng/ul#	1
60) 4-Nitroaniline	15.43	138	533617	37.904	ng/ul#	12
64) N-Nitrosodiphenylamine	15.64	169	357354	6.707	ng/ul#	1
68) Pentachlorophenol	16.79	266	138904	10.242	ng/ul	98
69) Phenanthrene	17.26	178	2450170	23.844	ng/ul#	90
71) Anthracene	17.26	178	2450170	23.327	ng/ul#	88
72) Carbazole	17.51	167	10901064	120.658	ng/ul	99
74) Fluoranthene	19.16	202	3664742	29.102	ng/ul#	75
77) Pyrene	19.44	202	131319	1.298	ng/ul#	78
80) Benzo(a)anthracene	21.27	228	16005448	151.471	ng/ul#	85
82) Chrysene	21.33	228	13791293	140.681	ng/ul#	86
85) Benzo(b)fluoranthene	22.84	252	6842407	81.511	ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	2605681	32.984	ng/ul#	97
88) Benzo(a)pyrene	23.41	252	3767095	49.957	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	945803	12.641	ng/ul#	97

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 12 06:19:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.74	278	272987	4.285 ng/ul#	91
91) Benzo(g,h,i)perylene	26.41	276	709871	12.028 ng/ul#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
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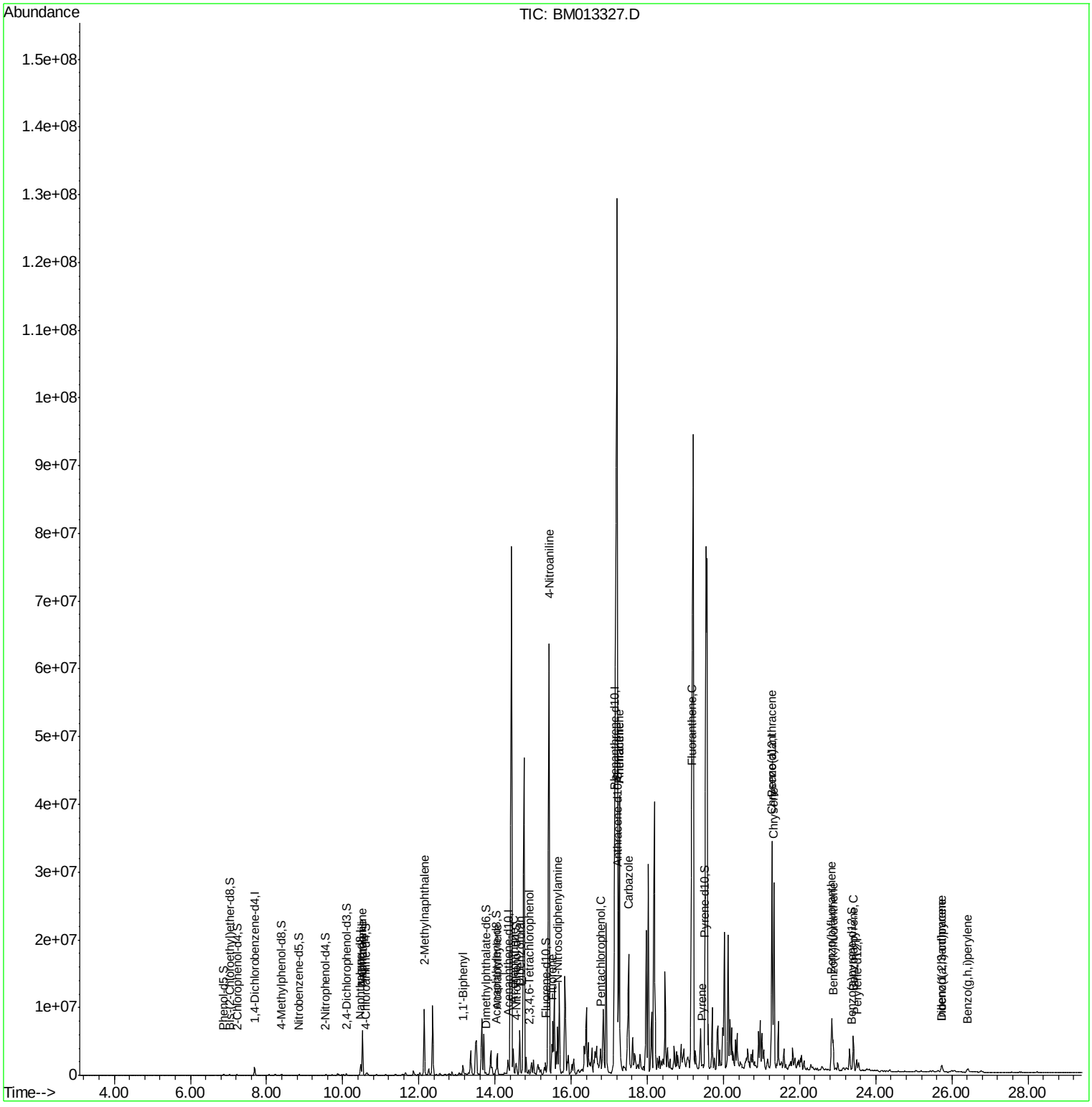
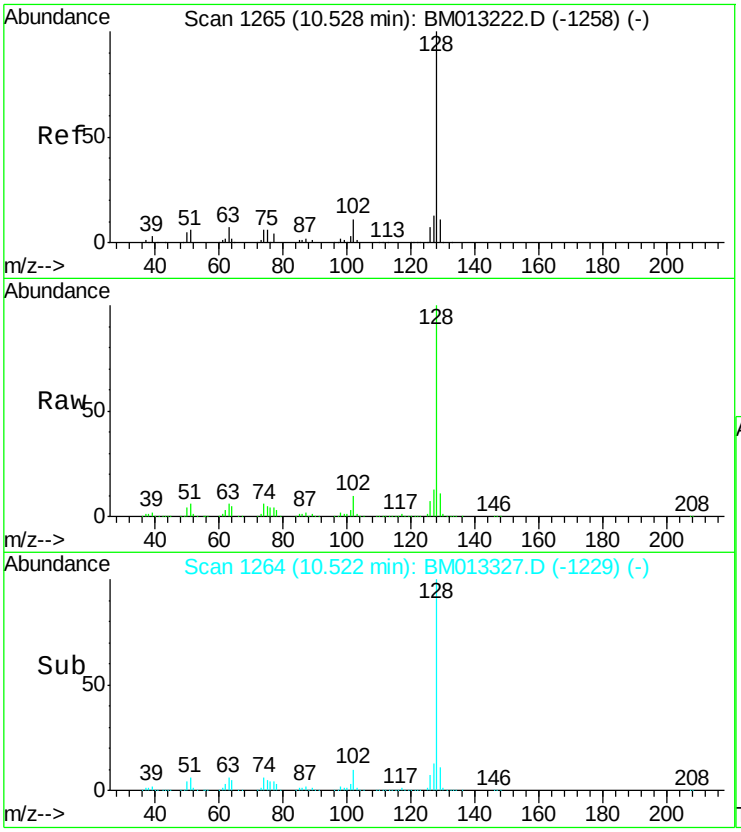
Response via : Initial Calibration



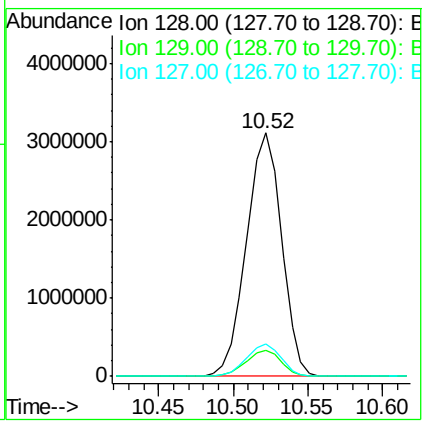


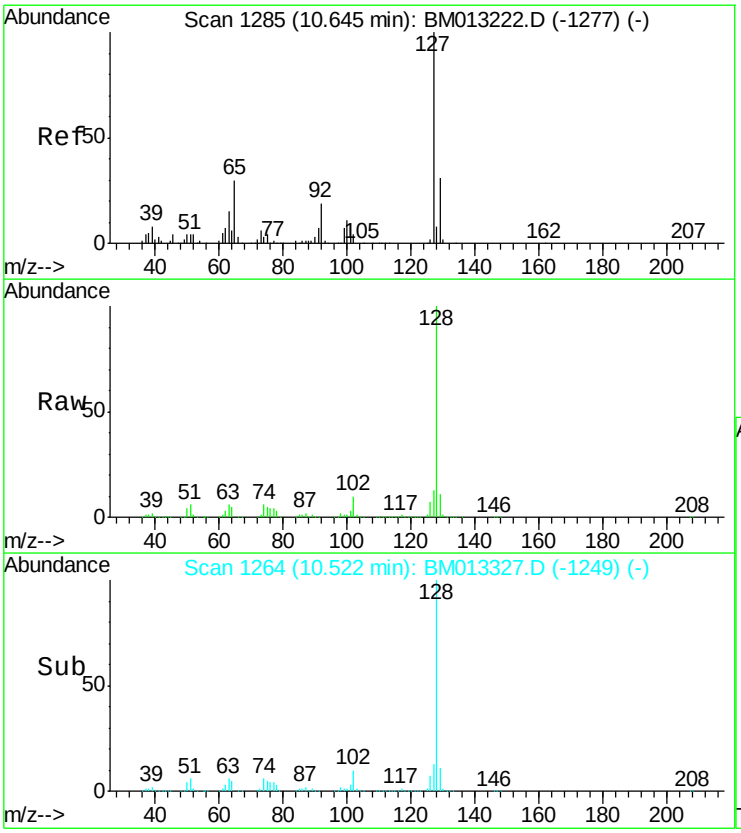
#28
Naphthalene
Concen: 71.923 ng/ul
RT: 10.52 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 5057887

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

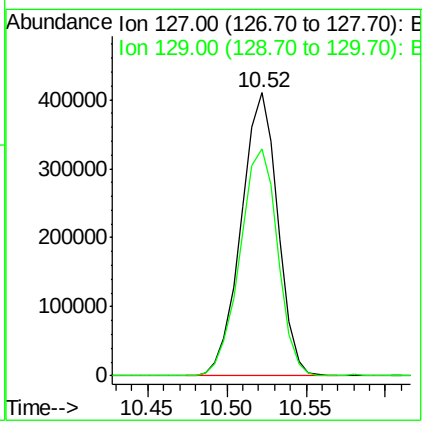


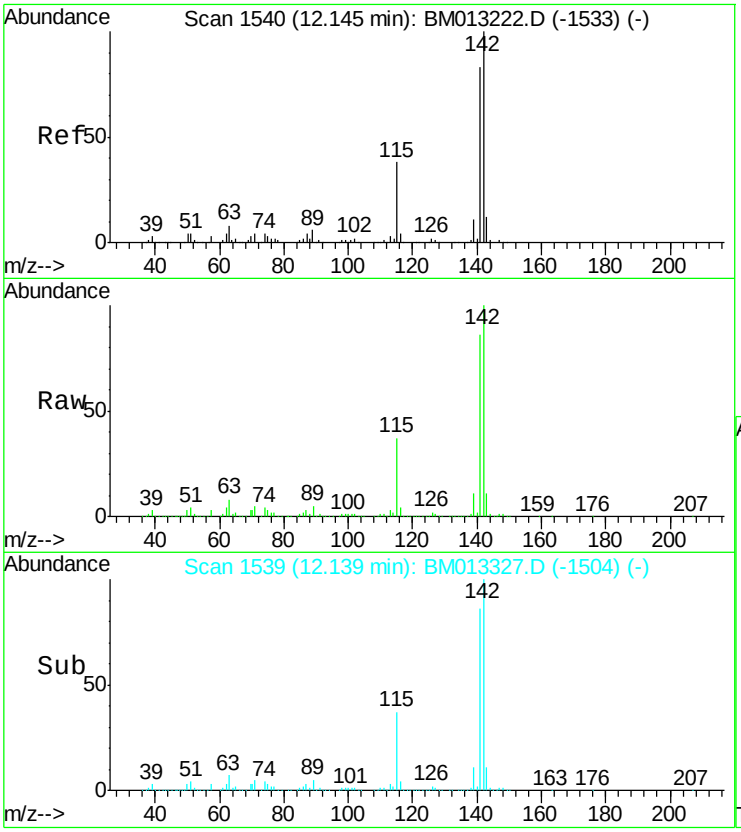


#30
4-Chloroaniline
Concen: 30.991 ng/ul
RT: 10.52 min Scan# 1264
Delta R.T. -0.11 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:127 Resp: 659236

Ion	Ratio	Lower	Upper
127	100		
129	80.3	28.4	42.6#



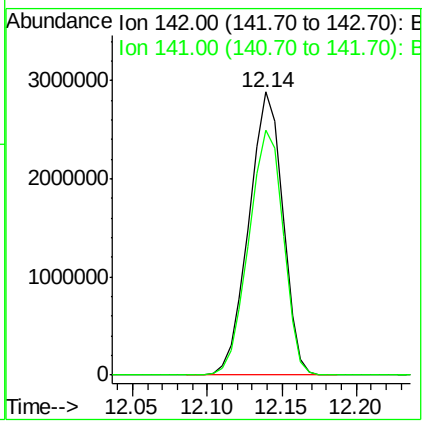


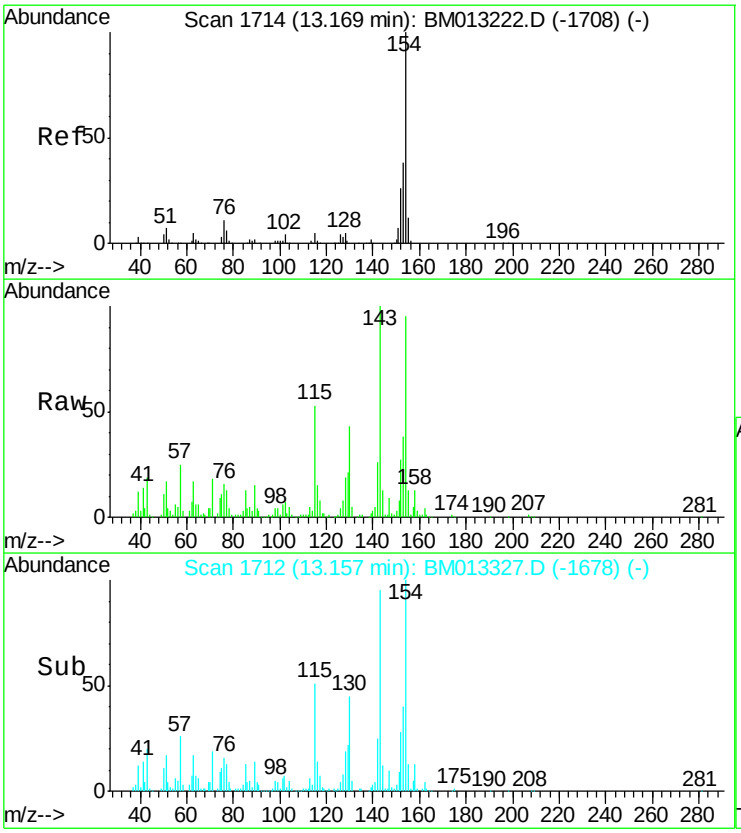
#34
2-Methylnaphthalene
Concen: 85.755 ng/ul
RT: 12.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 4533384

Ion	Ratio	Lower	Upper
142	100		
141	86.4	74.1	111.1

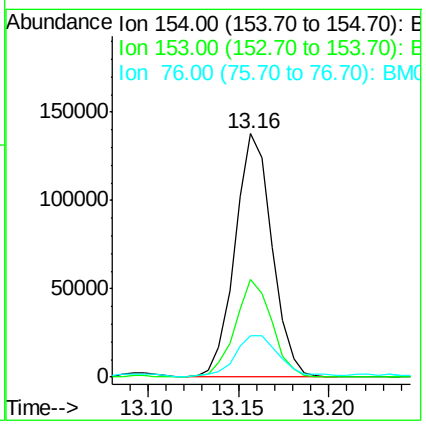


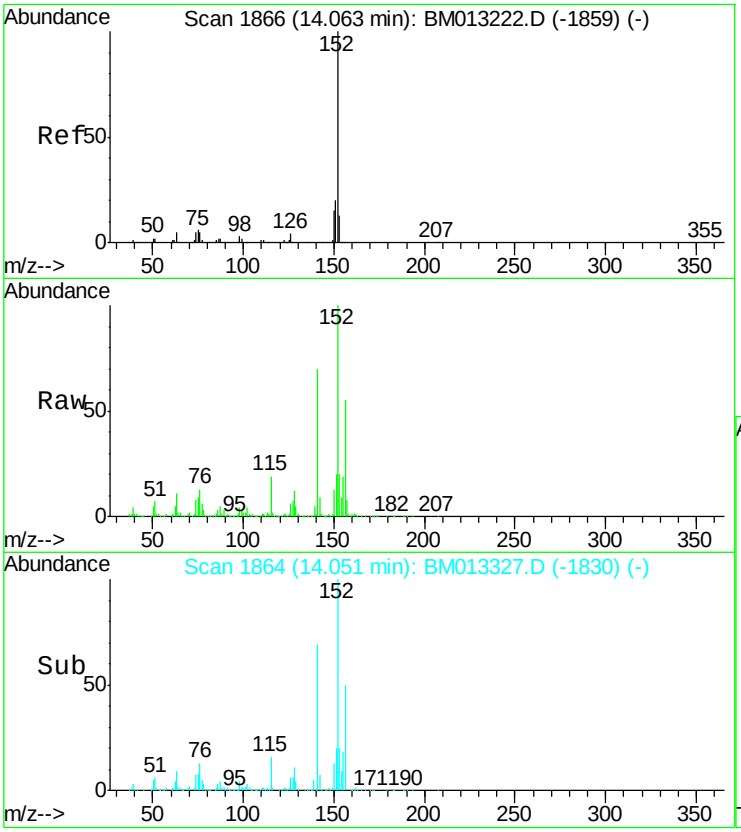


#40
1,1'-Biphenyl
Concen: 3.007 ng/ul
RT: 13.16 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:154 Resp: 195432

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.6	48.8
76	16.8	8.5	12.7#



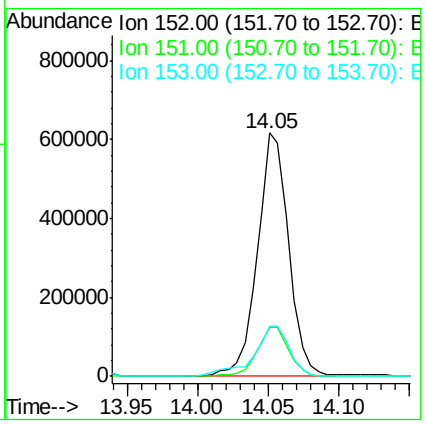


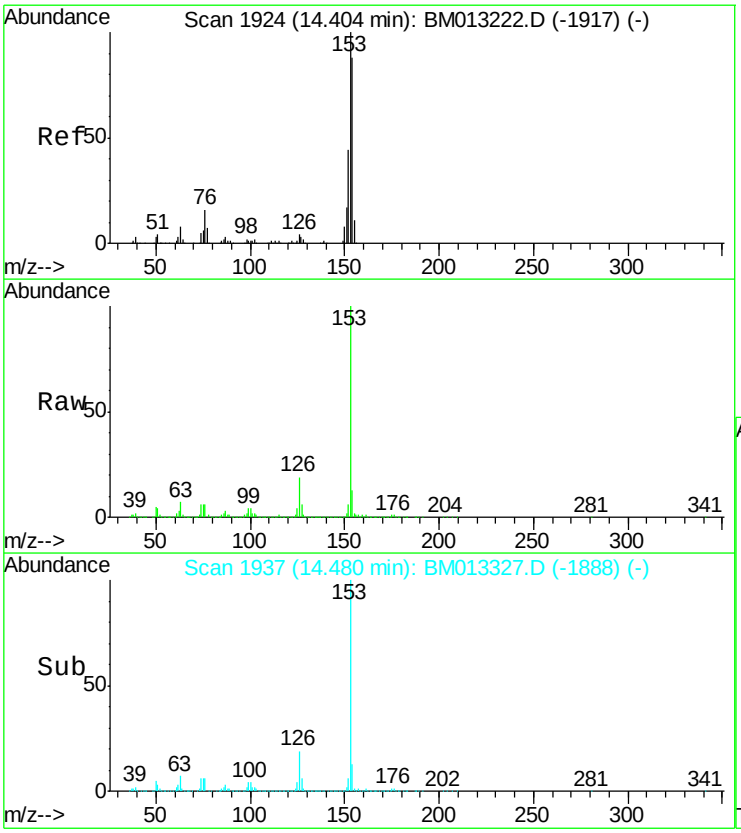
#47
Acenaphthylene
Concen: 12.269 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 958856

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	20.4	10.2	15.4#

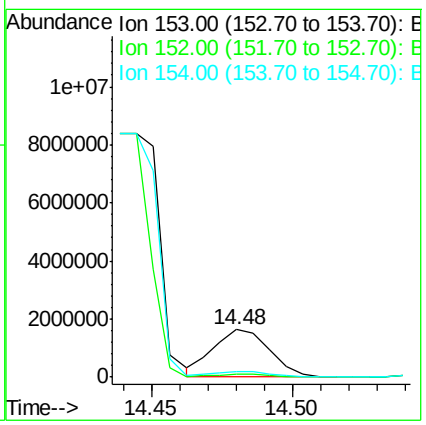


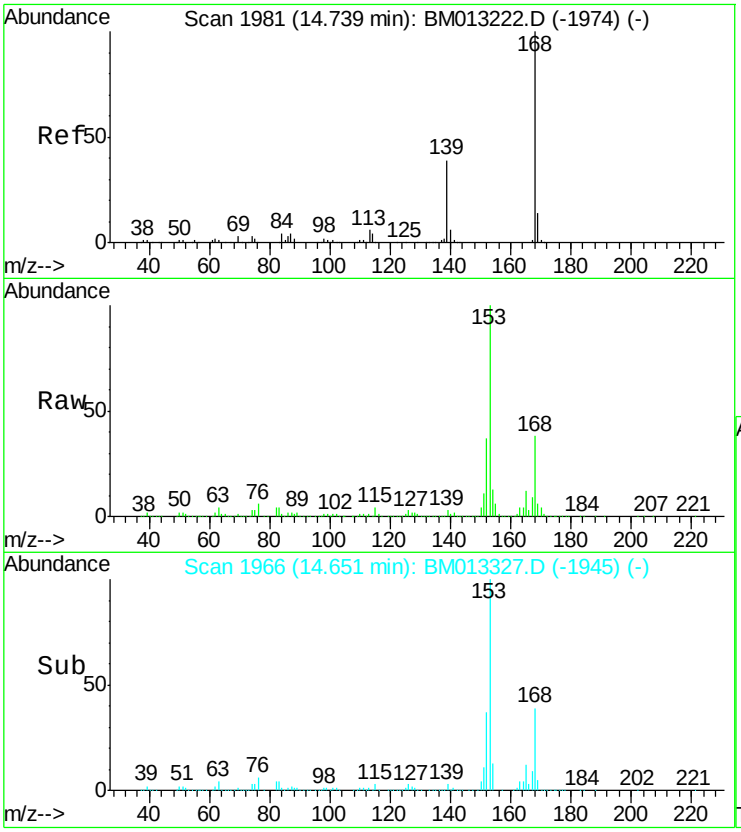


#49
Acenaphthene
Concen: 42.692 ng/ul
RT: 14.48 min Scan# 1937
Delta R.T. 0.09 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:153 Resp: 2272833

Ion	Ratio	Lower	Upper
153	100		
152	6.2	37.6	56.4#
154	12.7	70.4	105.6#



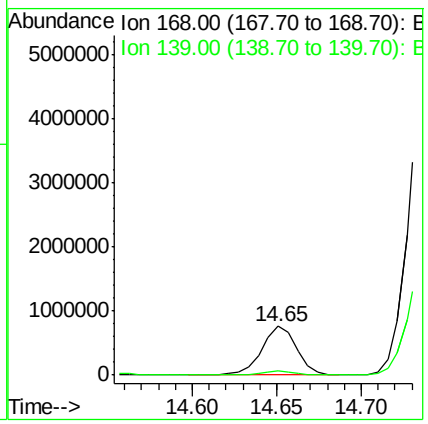


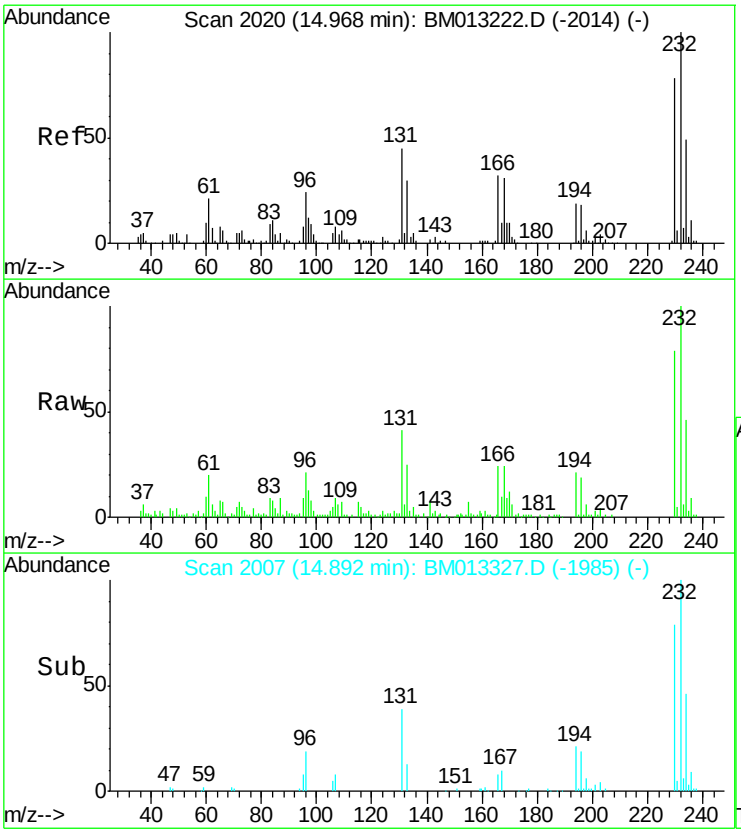
#53
Dibenzofuran
Concen: 13.982 ng/ul
RT: 14.65 min Scan# 1966
Delta R.T. -0.08 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 1098874

Ion	Ratio	Lower	Upper
168	100		
139	8.3	30.8	46.2#

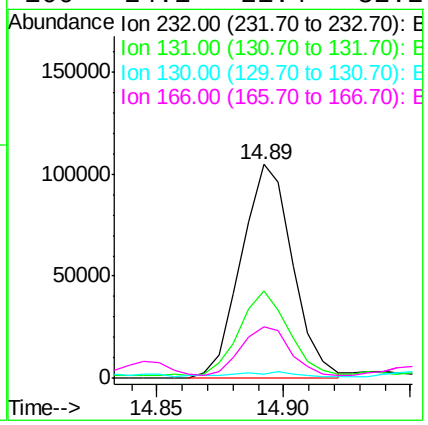


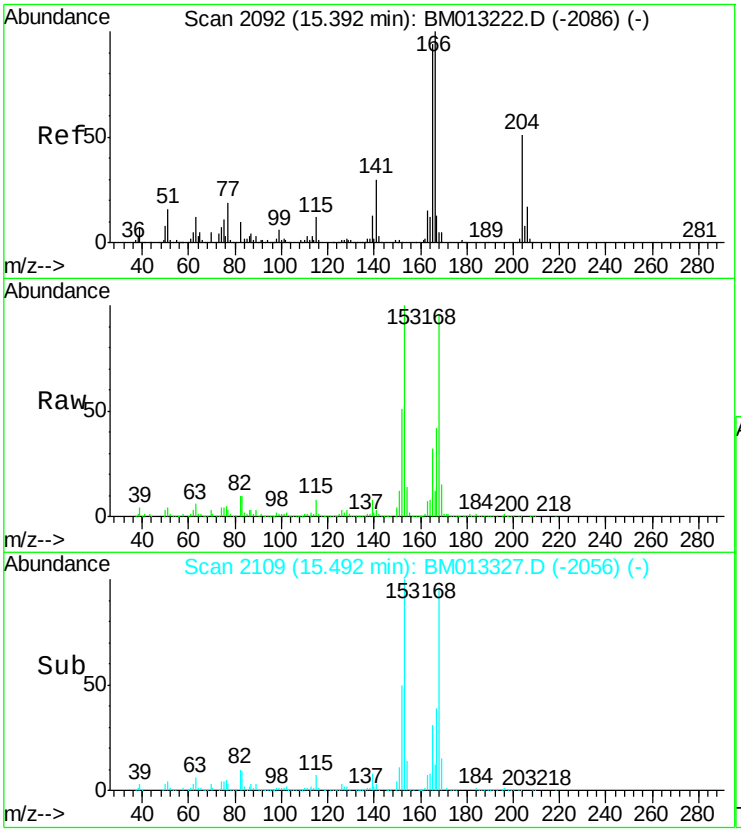


#55
2,3,4,6-Tetrachlorophenol
Concen: 8.821 ng/ul
RT: 14.89 min Scan# 2007
Delta R.T. -0.07 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:232 Resp: 148634

Ion	Ratio	Lower	Upper
232	100		
131	40.9	29.0	43.4
130	2.0	2.0	3.0
166	24.1	21.4	32.2



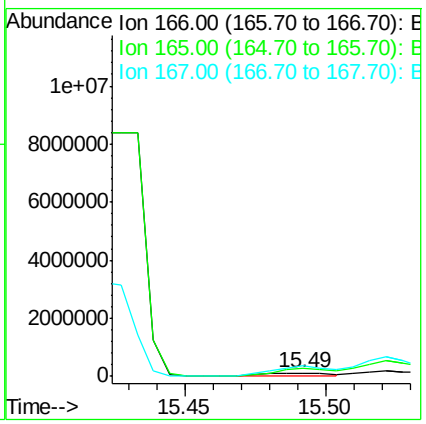


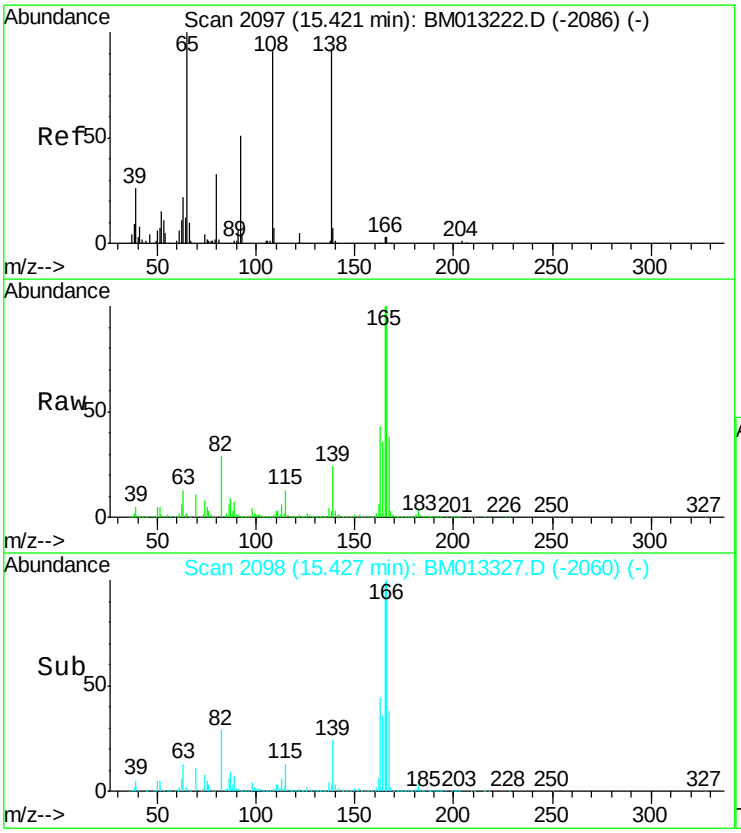
#58
Fluorene
Concen: 2.259 ng/ul
RT: 15.49 min Scan# 2109
Delta R.T. 0.11 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 146901

Ion	Ratio	Lower	Upper
166	100		
165	260.3	77.9	116.9#
167	338.8	10.6	16.0#

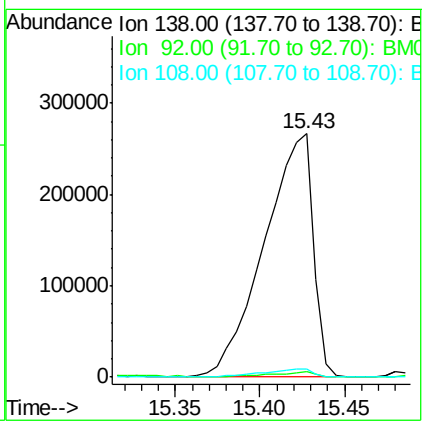


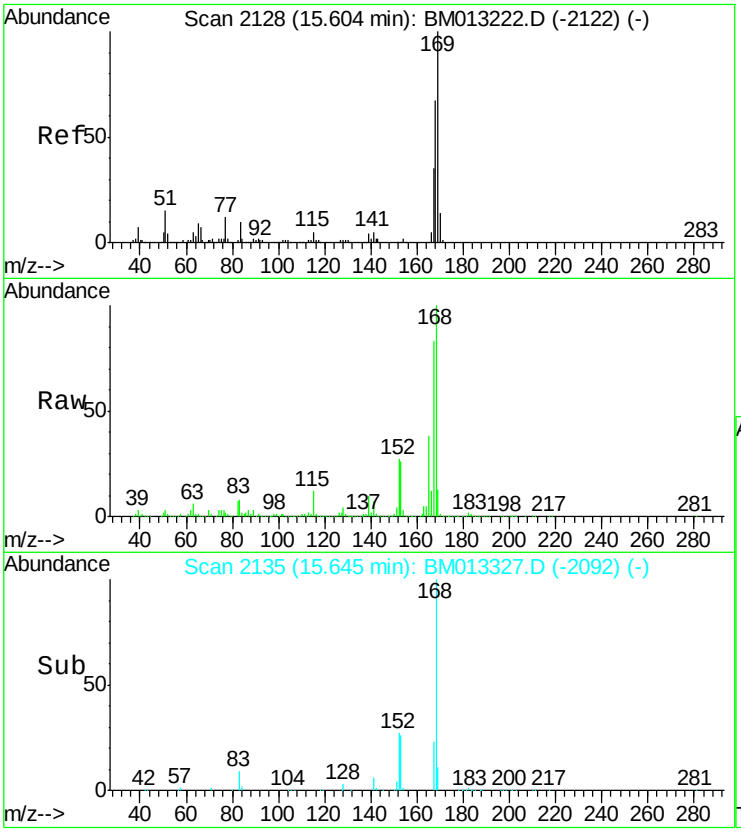


#60
4-Nitroaniline
Concen: 37.904 ng/ul
RT: 15.43 min Scan# 2098
Delta R.T. 0.02 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:138 Resp: 533617

Ion	Ratio	Lower	Upper
138	100		
92	2.3	40.0	60.0#
108	3.1	80.0	120.0#



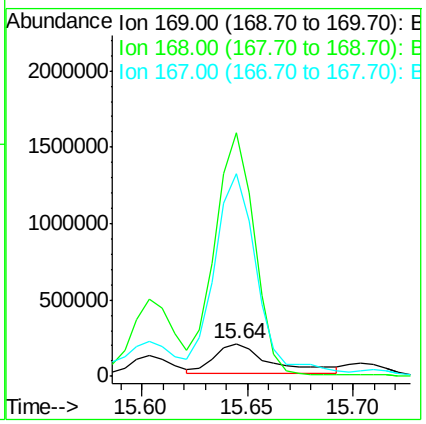


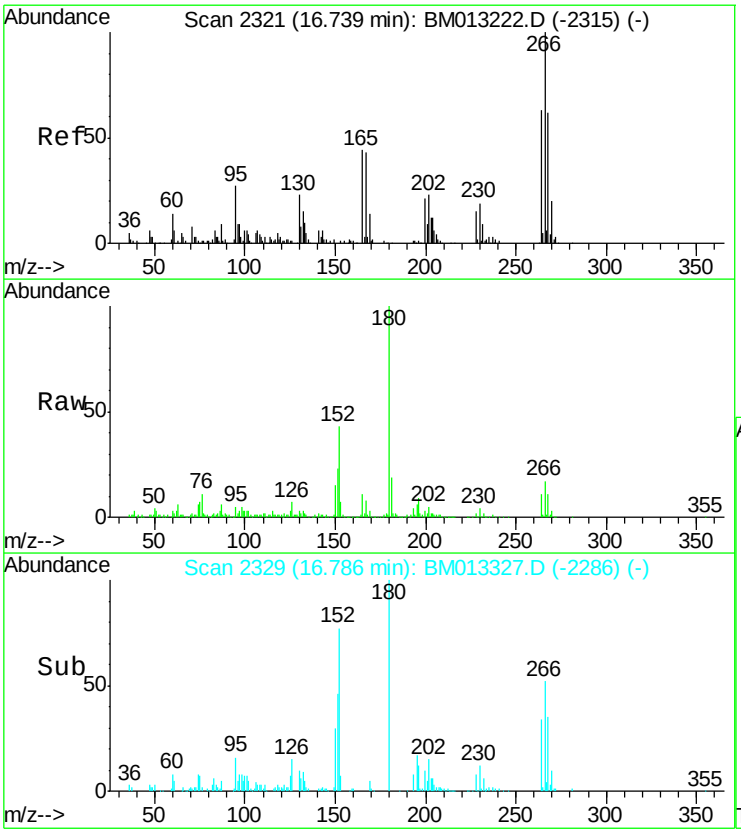
#64
N-Nitrosodiphenylamine
Concen: 6.707 ng/ul
RT: 15.64 min Scan# 2135
Delta R.T. 0.05 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 357354

Ion	Ratio	Lower	Upper
169	100		
168	743.2	54.0	81.0#
167	617.1	29.1	43.7#

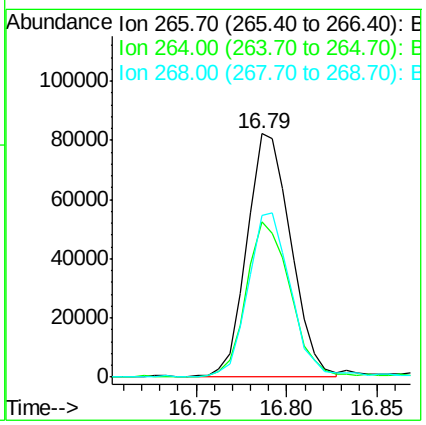


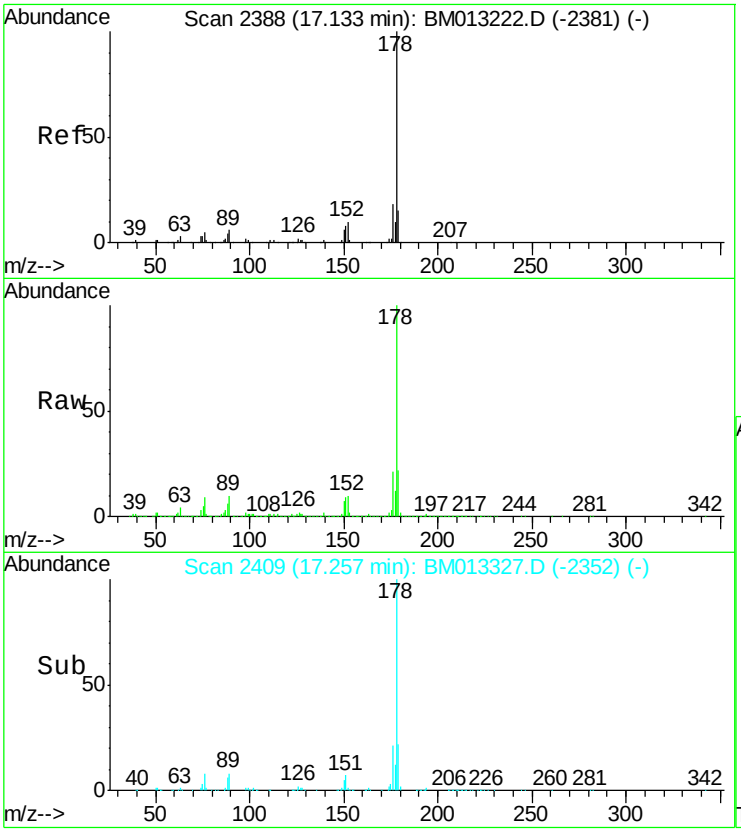


#68
Pentachlorophenol
Concen: 10.242 ng/ul
RT: 16.79 min Scan# 2329
Delta R.T. 0.05 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:266 Resp: 138904

Ion	Ratio	Lower	Upper
266	100		
264	64.0	49.3	73.9
268	66.2	52.6	78.8



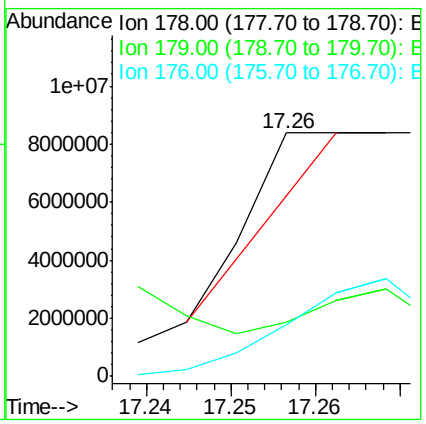


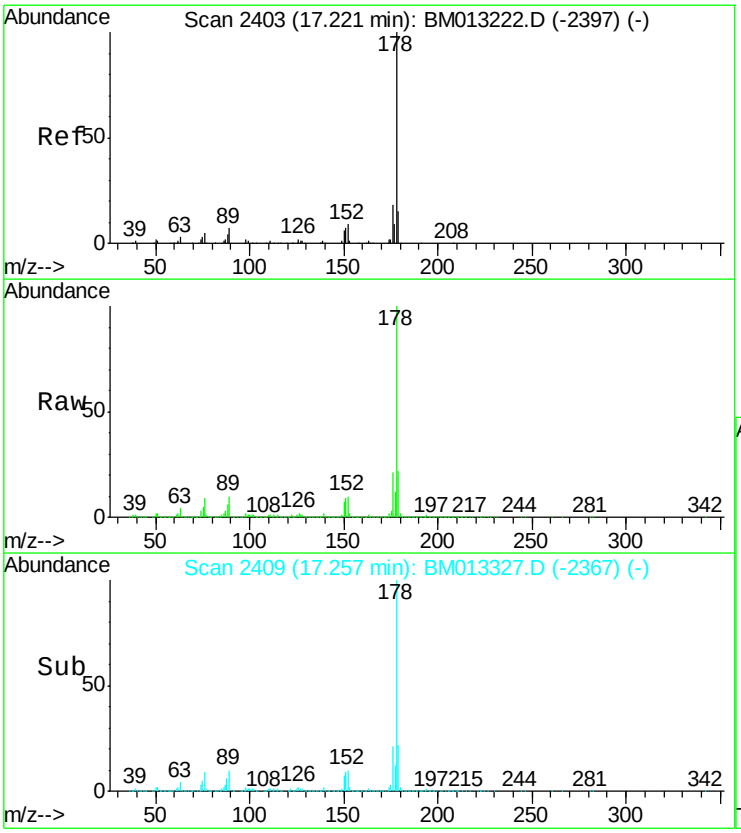
#69
Phenanthrene
Concen: 23.844 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. 0.13 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2450170

Ion	Ratio	Lower	Upper
178	100		
179	22.1	12.6	19.0#
176	21.3	14.9	22.3

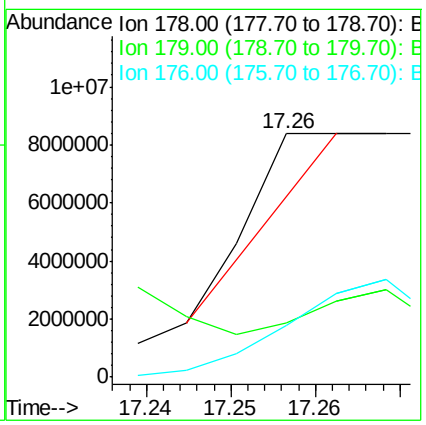


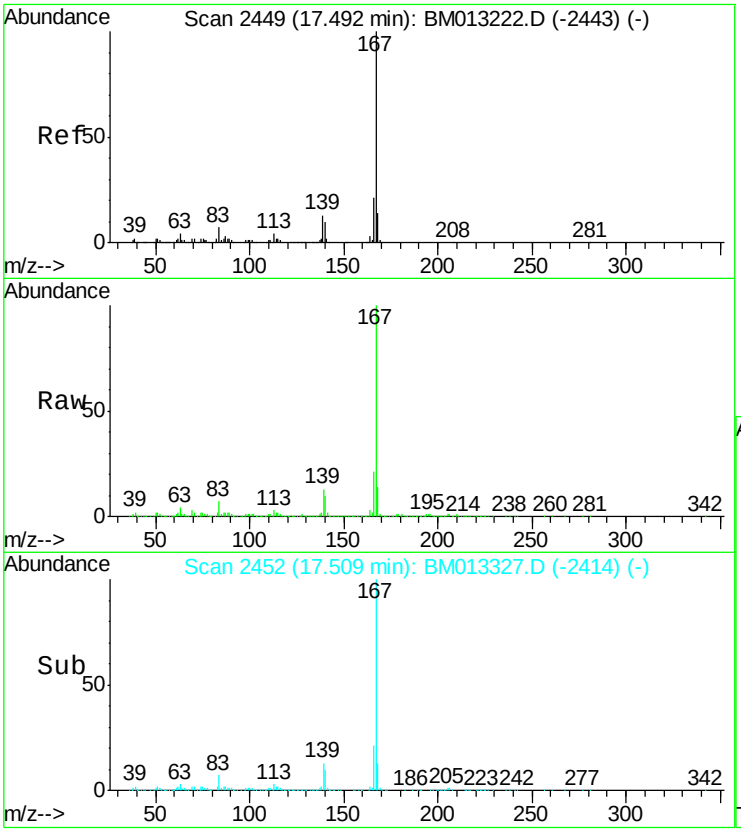


#71
Anthracene
Concen: 23.327 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. 0.05 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:178 Resp: 2450170

Ion	Ratio	Lower	Upper
178	100		
179	22.1	11.7	17.5#
176	21.3	14.6	21.8



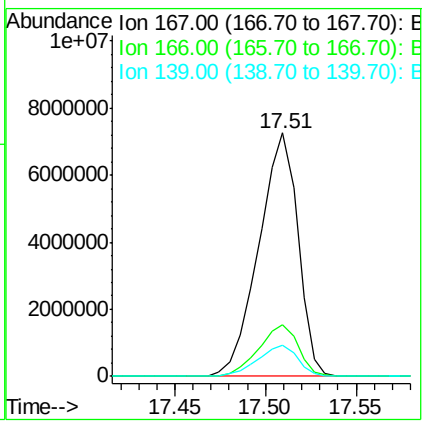


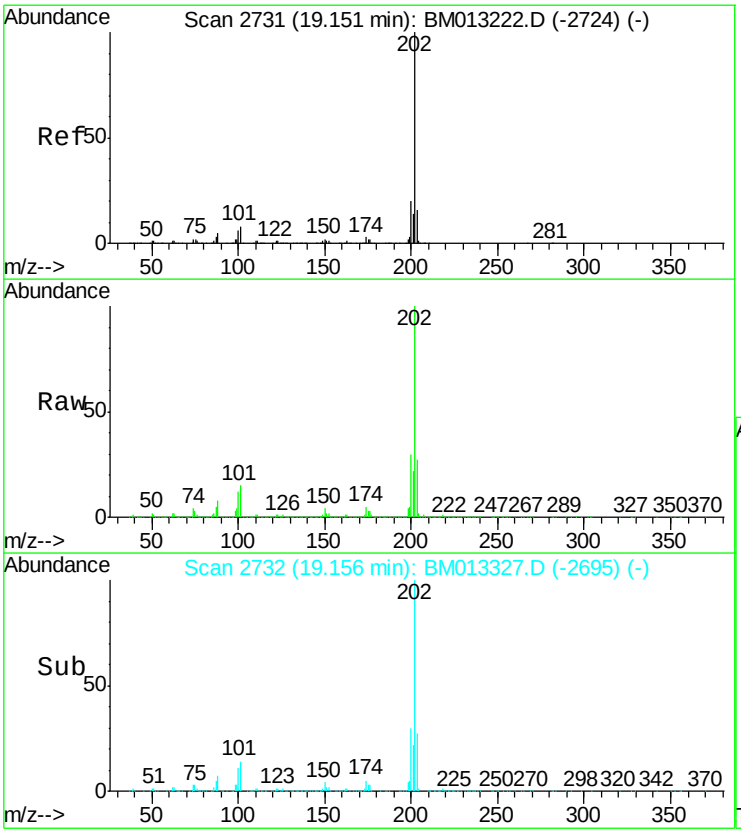
#72
Carbazole
Concen: 120.658 ng/ul
RT: 17.51 min Scan# 2452
Delta R.T. 0.02 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp:10901064

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	13.0	10.0	15.0

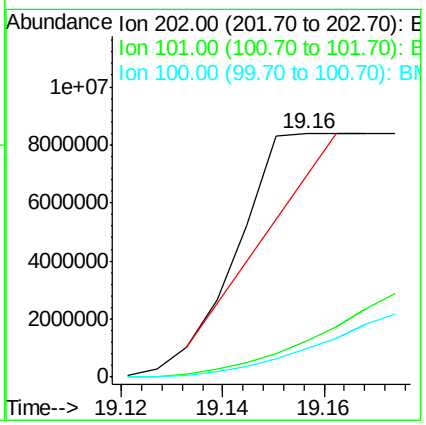


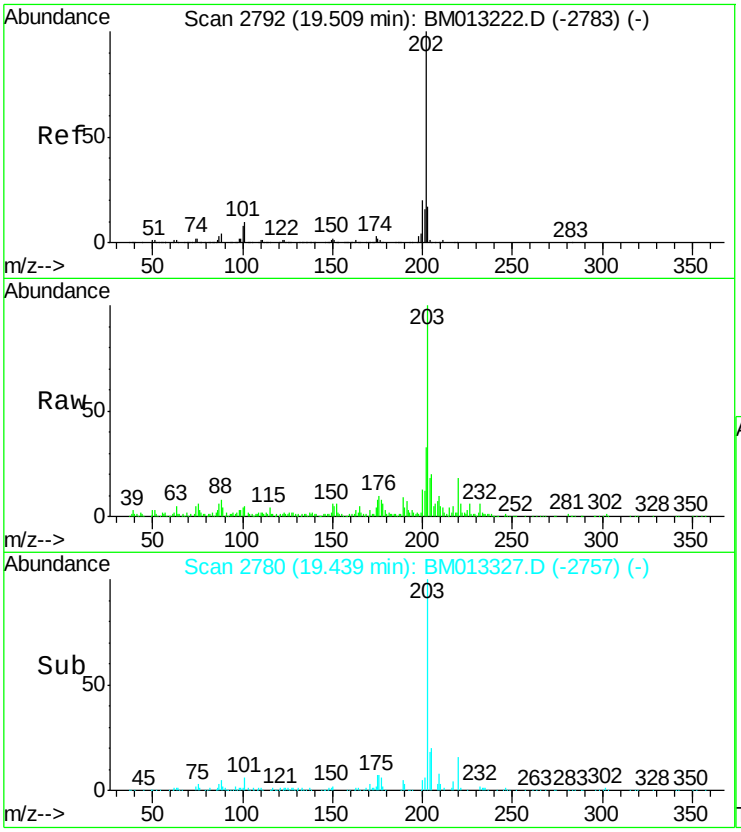


#74
Fluoranthene
Concen: 29.102 ng/ul
RT: 19.16 min Scan# 2732
Delta R.T. 0.02 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:202 Resp: 3664742

Ion	Ratio	Lower	Upper
202	100		
101	14.8	4.6	7.0#
100	11.5	3.4	5.2#



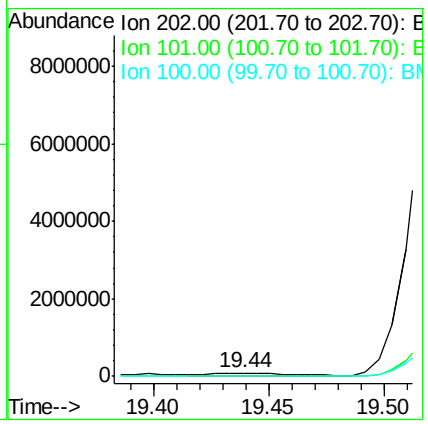


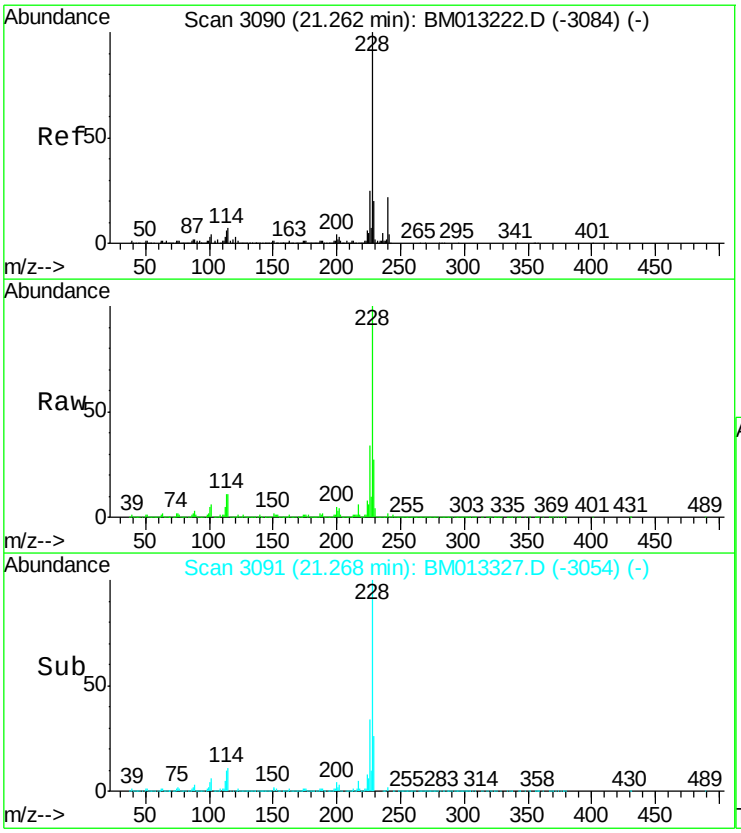
#77
Pyrene
Concen: 1.298 ng/ul
RT: 19.44 min Scan# 2780
Delta R.T. -0.07 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 131319

Ion	Ratio	Lower	Upper
202	100		
101	16.5	5.1	7.7#
100	11.1	4.9	7.3#

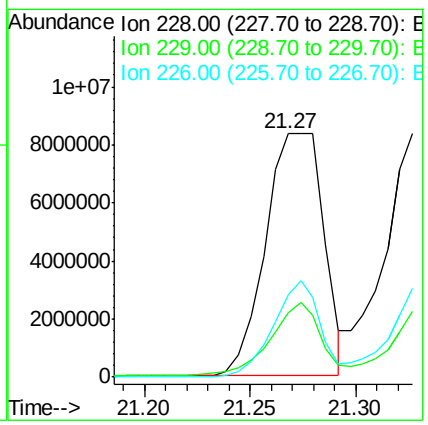


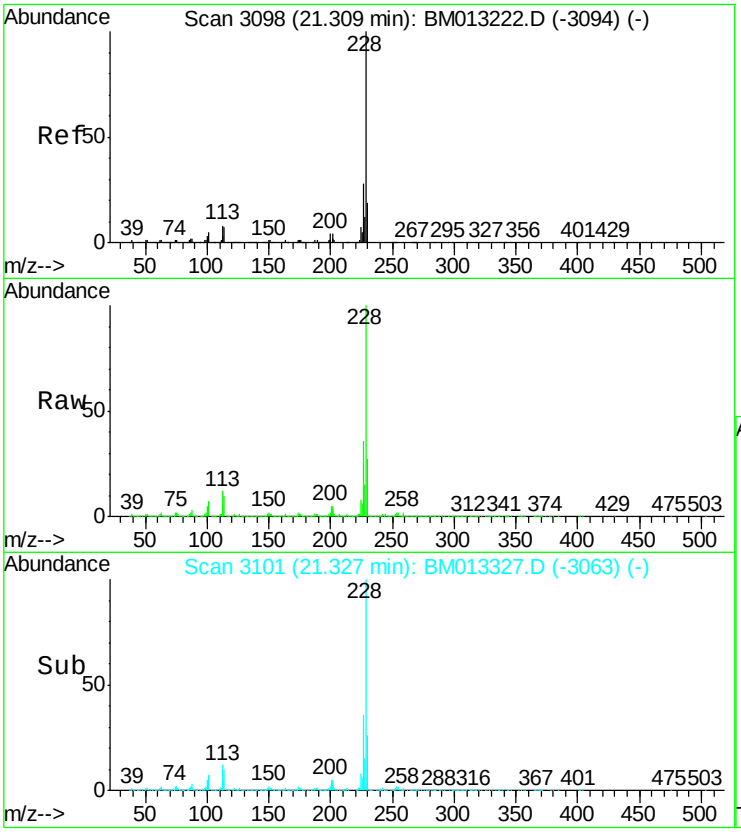


#80
Benzo(a)anthracene
Concen: 151.471 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. 0.02 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:228 Resp:16005448

Ion	Ratio	Lower	Upper
228	100		
229	26.5	15.4	23.0#
226	33.9	21.4	32.0#



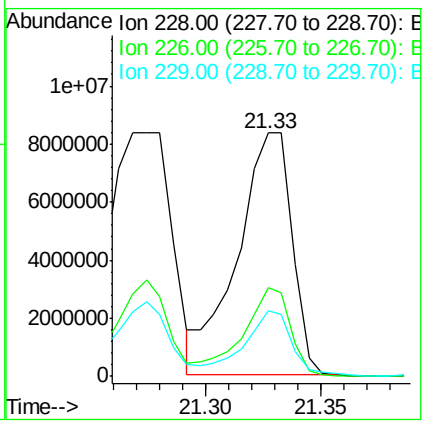


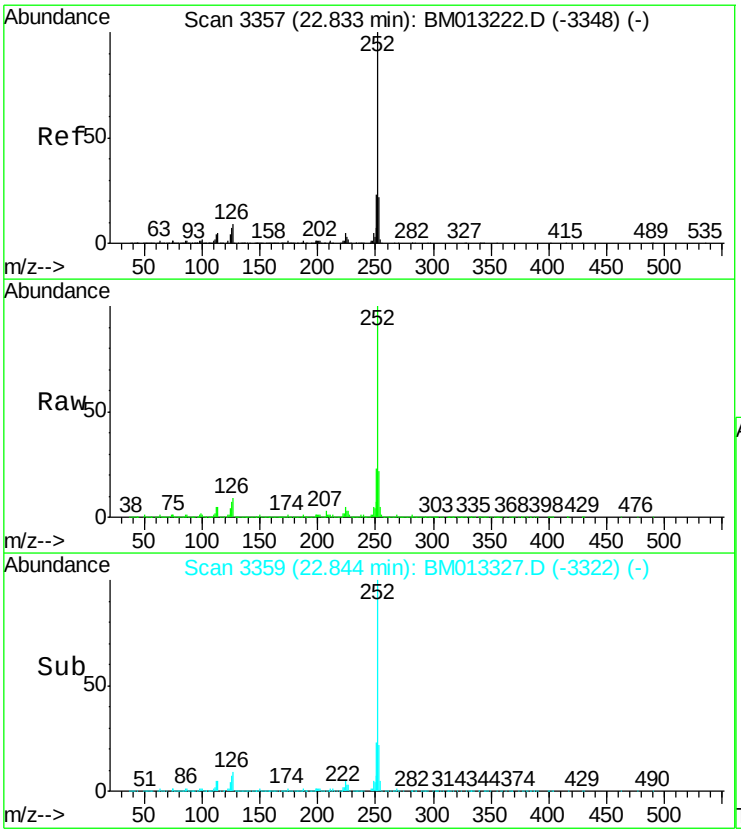
#82
Chrysene
Concen: 140.681 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.02 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp:13791293

Ion	Ratio	Lower	Upper
228	100		
226	36.4	23.4	35.2#
229	26.7	15.5	23.3#

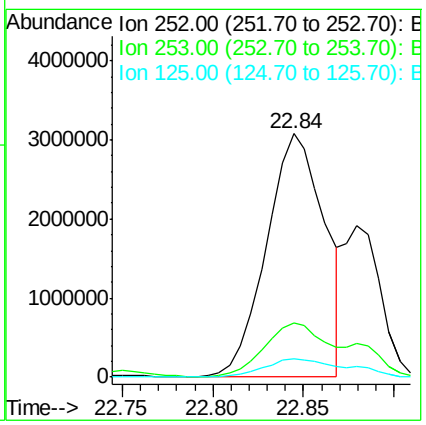


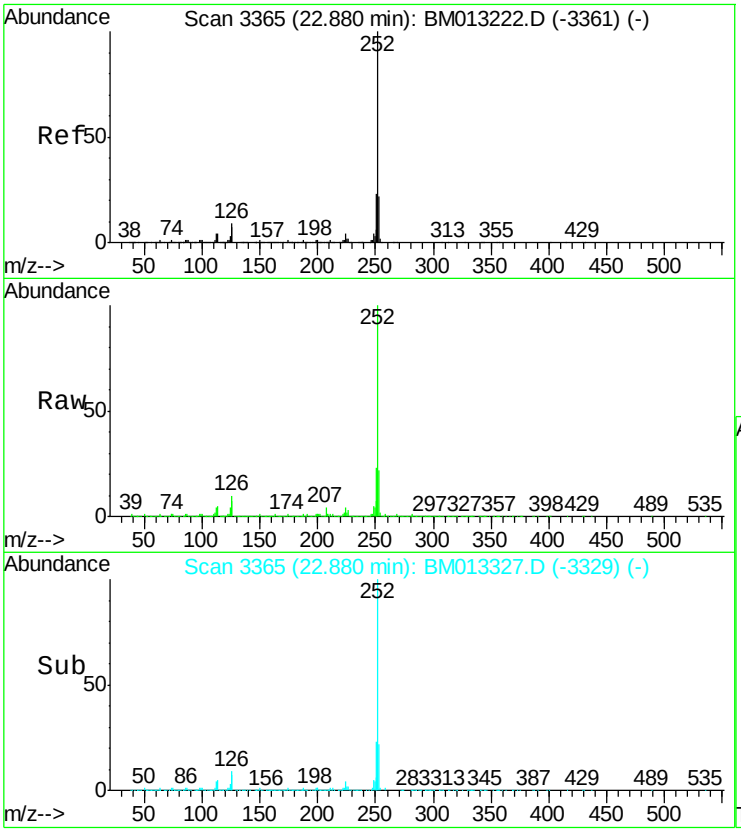


#85
Benzo(b)fluoranthene
Concen: 81.511 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.02 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:252 Resp: 6842407

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.4	3.6	5.4#



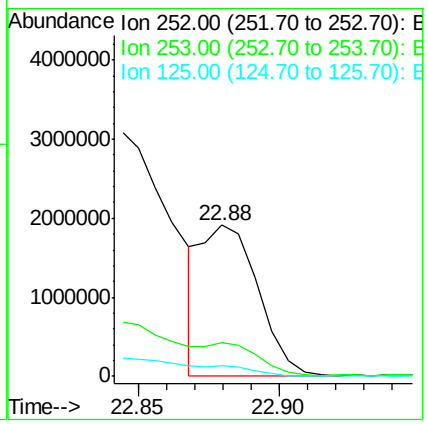


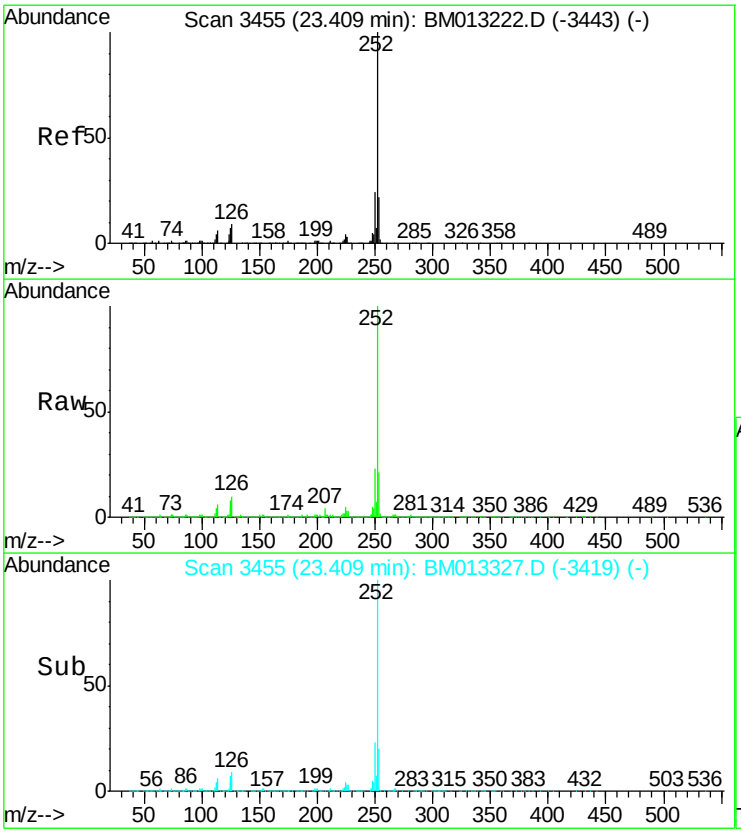
#86
Benzo(k)fluoranthene
Concen: 32.984 ng/ul
RT: 22.88 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2605681

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.0	3.4	5.2#

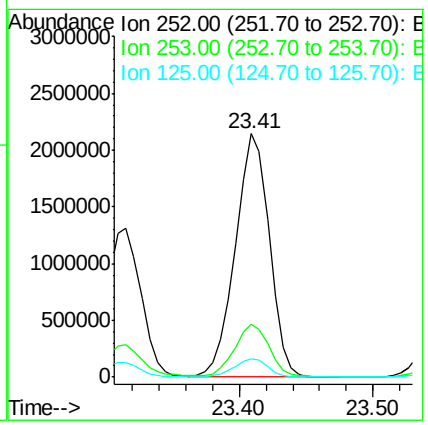


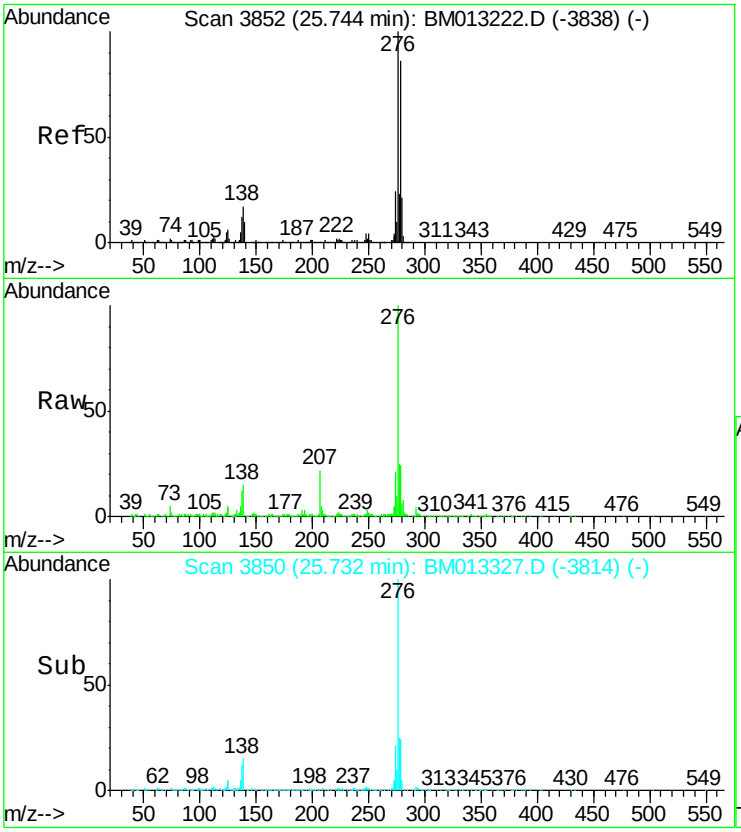


#88
Benzo(a)pyrene
Concen: 49.957 ng/ul
RT: 23.41 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:252 Resp: 3767095

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	7.6	4.0	6.0#



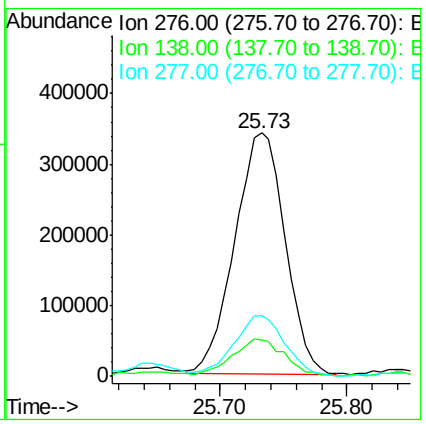


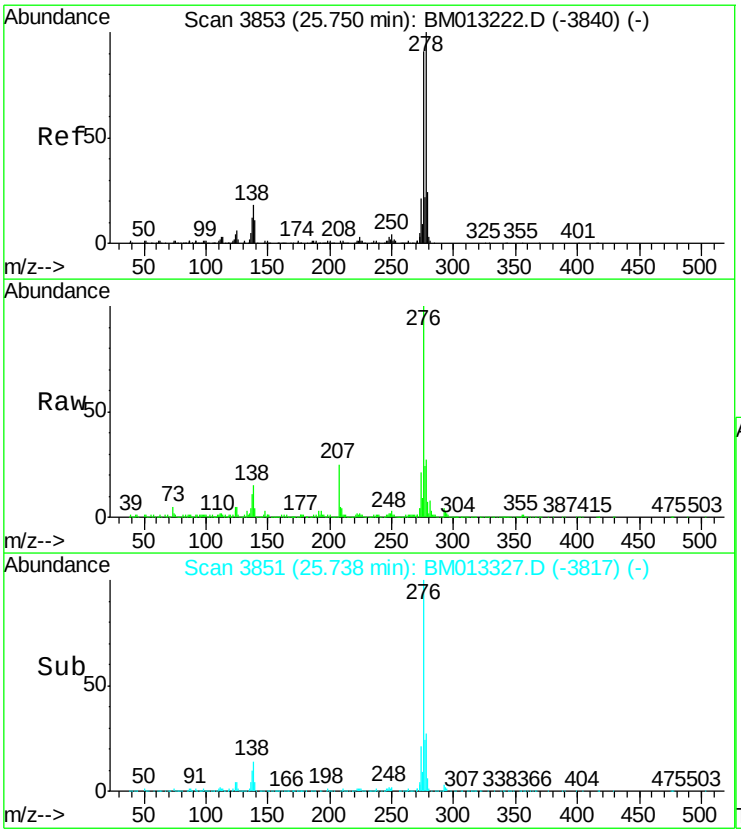
#89
Indeno(1,2,3-cd)pyrene
Concen: 12.641 ng/ul
RT: 25.73 min Scan# 3850
Delta R.T. 0.01 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 945803

Ion	Ratio	Lower	Upper
276	100		
138	14.7	9.3	13.9#
277	24.7	19.9	29.9

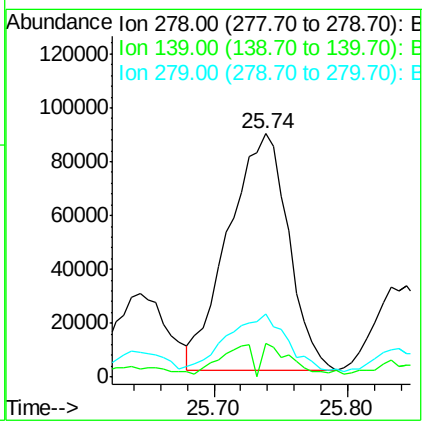


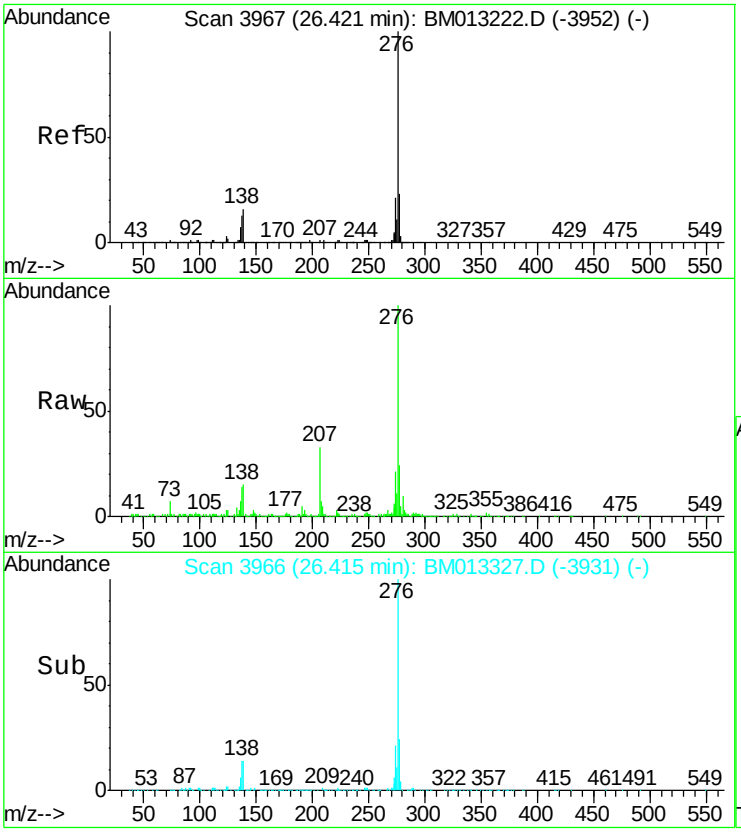


#90
Dibenzo(a,h)anthracene
Concen: 4.285 ng/ul
RT: 25.74 min Scan# 3851
Delta R.T. -0.00 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Tgt Ion:278 Resp: 272987

Ion	Ratio	Lower	Upper
278	100		
139	13.6	5.8	8.8#
279	25.9	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 12.028 ng/ul
RT: 26.41 min Scan# 3966
Delta R.T. 0.01 min
Lab File: BM013327.D
Acq: 12 Dec 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 709871

Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.5	12.7#
277	24.1	18.6	28.0