Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014424.D
Acq On : 01 Mar 2018 05:09
Operator : SJ/JU
Sample : J1646-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W8

Quant Time: Mar 01 07:05:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	123764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	584144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	360209	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	813801	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	816649	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	628288	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	12083	4.18	ng/uL	0.00
5) Phenol-d5	6.72	99	297484	28.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	178647	28.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	241459	30.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	234885	25.66	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	128973	29.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	147343	32.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	258156	27.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	202439	22.20	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	903982	30.39	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1152776	31.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	86481	21.06	ng/ul	0.01
57) Fluorene-d10	15.17	176	770362	28.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	50192	10.28	ng/ul	0.00
70) Anthracene-d10	17.03	188	1216040	30.97	ng/ul	0.00
76) Pyrene-d10	19.35	212	1375551	32.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	935222	30.58	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	39713	3.618	ng/ul#	82
14) Acetophenone	8.35	105	24737	1.567	ng/ul	89
20) Nitrobenzene	8.72	77	14513	1.137	ng/ul	98
28) Naphthalene	10.33	128	74819	2.494	ng/ul#	96
34) 2-Methylnaphthalene	11.96	142	47766	2.092	ng/ul	90
44) Dimethylphthalate	13.65	163	293039	9.990	ng/ul	98
47) Acenaphthylene	13.89	152	91510	2.639	ng/ul	95
49) Acenaphthene	14.24	153	74909	3.068	ng/ul	100
53) Dibenzofuran	14.58	168	71494	1.953	ng/ul	99
58) Fluorene	15.23	166	93998	2.974	ng/ul	99
69) Phenanthrene	16.98	178	1665527	35.521	ng/ul	99
71) Anthracene	17.07	178	360179	7.638	ng/ul	98
72) Carbazole	17.35	167	172801	4.358	ng/ul#	96
73) Di-n-butylphthalate	17.91	149	97678	1.910	ng/ul#	94
74) Fluoranthene	19.02	202	2656170	47.416	ng/ul#	94
77) Pyrene	19.38	202	2389608	44.030	ng/ul#	93
78) Butylbenzylphthalate	20.30	149	217814	9.707	ng/ul	87
80) Benzo(a)anthracene	21.14	228	1191773	23.383	ng/ul	97
82) Chrysene	21.20	228	1196816	25.172	ng/ul	97
84) Di-n-octyl phthalate	21.94	149	114153	2.117	ng/ul#	1
85) Benzo(b)fluoranthene	22.70	252	1233453	29.320	ng/ul#	96
86) Benzo(k)fluoranthene	22.70	252	1233453	30.838	ng/ul#	94
88) Benzo(a)pyrene	23.25	252	812366	21.610	ng/ul#	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014424.D
Acq On : 01 Mar 2018 05:09
Operator : SJ/JU
Sample : J1646-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W8

Quant Time: Mar 01 07:05:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	25.51	276	524850	14.388 ng/ul#	97
90) Dibenzo(a,h)anthracene	25.51	278	119730	3.950 ng/ul#	78
91) Benzo(g,h,i)perylene	26.19	276	406264	13.748 ng/ul#	93

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

Quantitation Report (Not Reviewed)

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ALS Vial : 28 Sample Multiplier: 1

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Quant Time: Mar 01 07:05:31 2018
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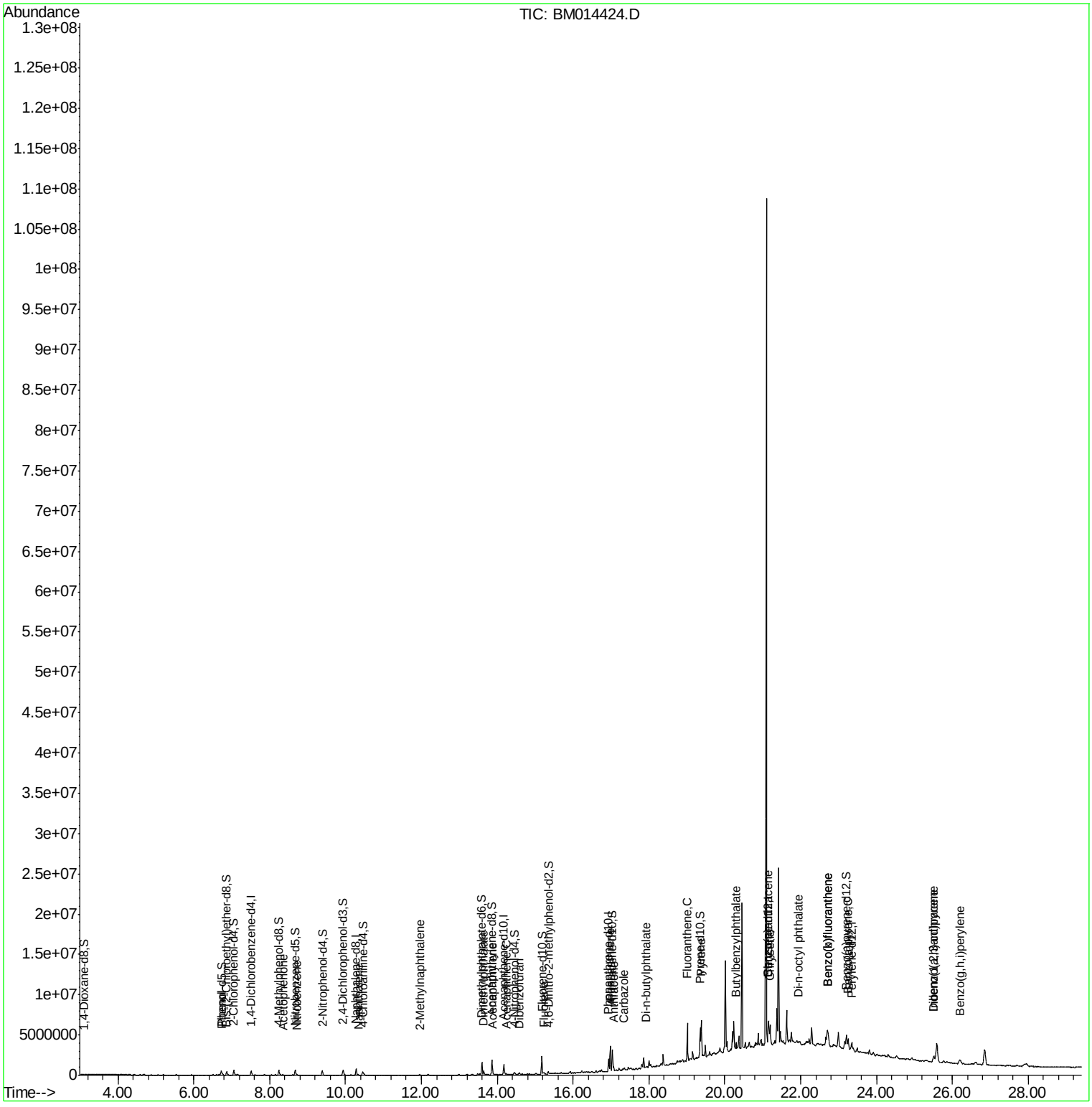
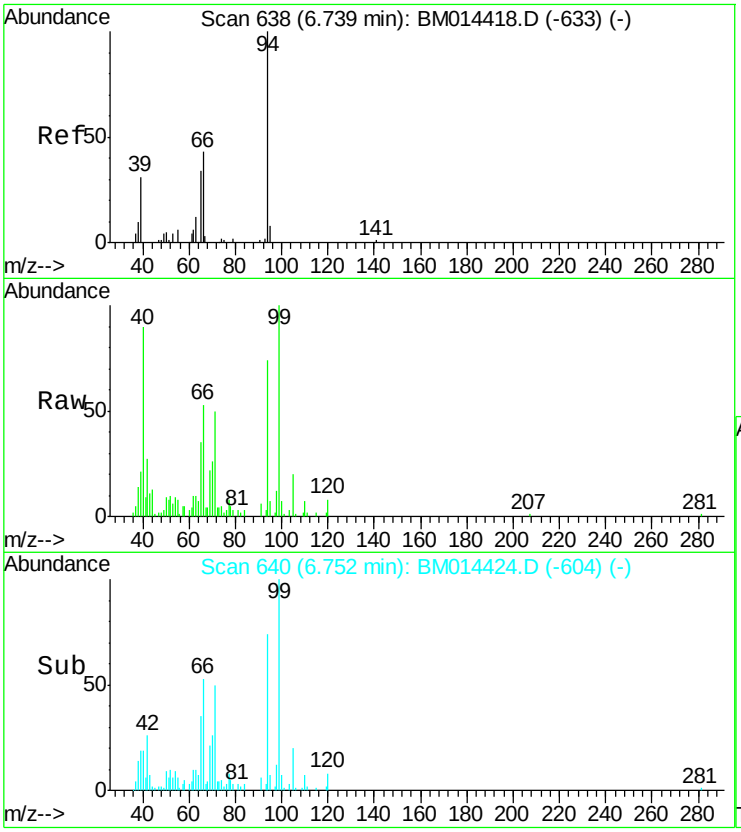
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration



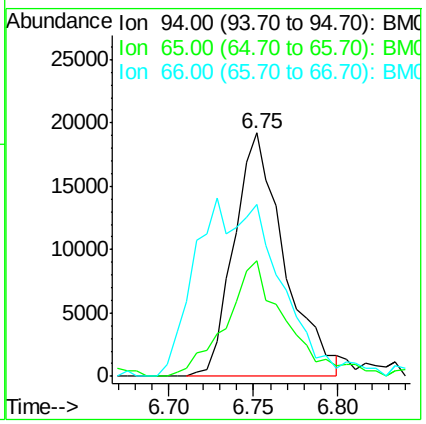


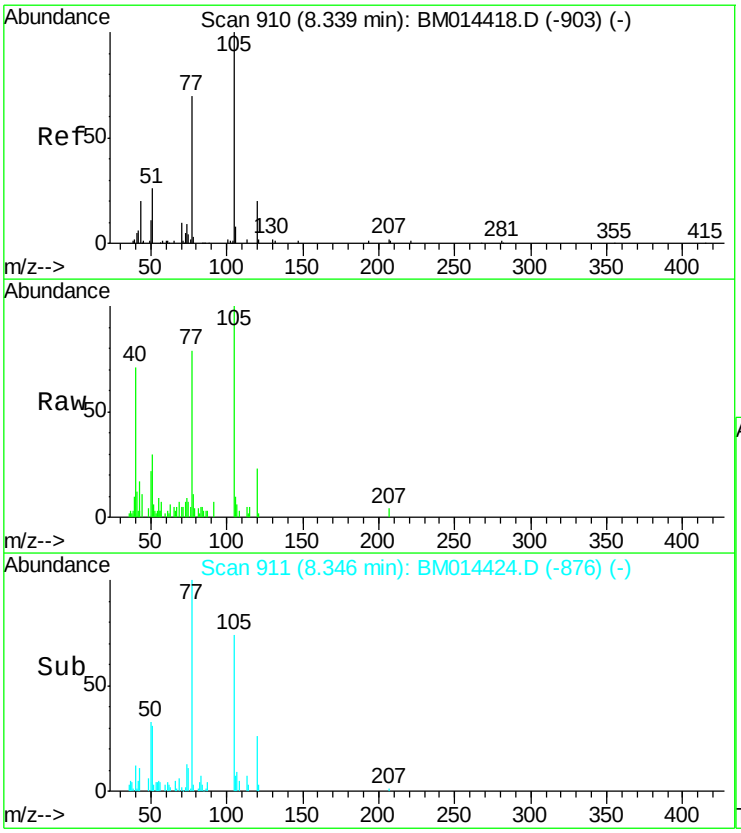
#6
Phenol
Concen: 3.618 ng/ul
RT: 6.75 min Scan# 640
Delta R.T. 0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion: 94 Resp: 39713

Ion	Ratio	Lower	Upper
94	100		
65	47.6	28.2	42.4#
66	70.5	47.2	70.8

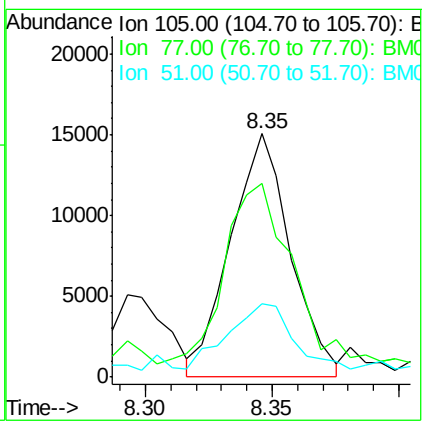


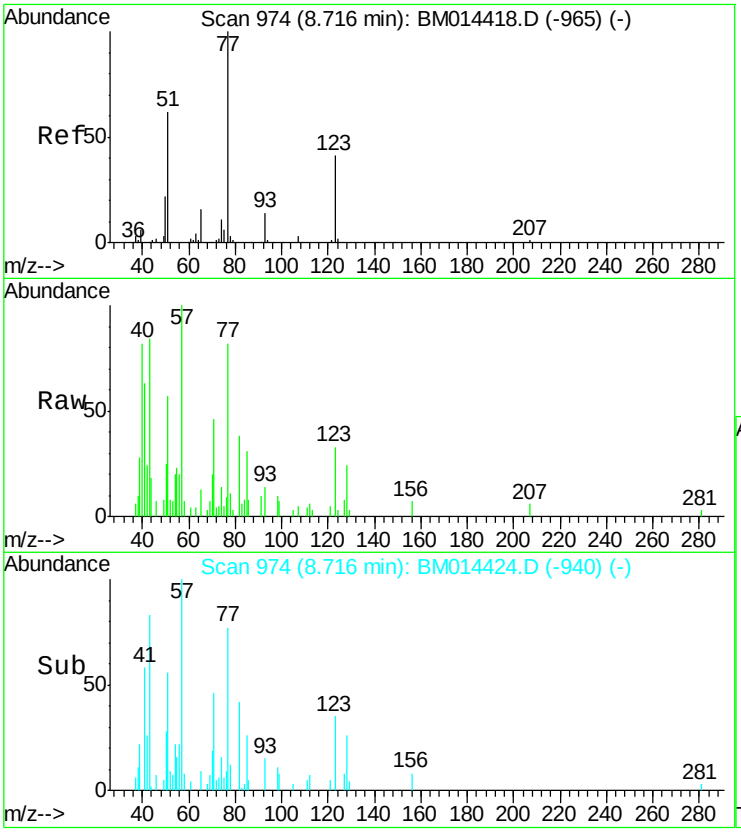


#14
Acetophenone
Concen: 1.567 ng/ul
RT: 8.35 min Scan# 911
Delta R.T. 0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:105 Resp: 24737

Ion	Ratio	Lower	Upper
105	100		
77	79.4	74.2	111.4
51	30.3	23.4	35.2



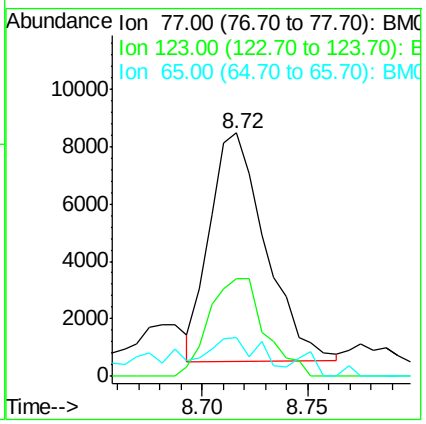


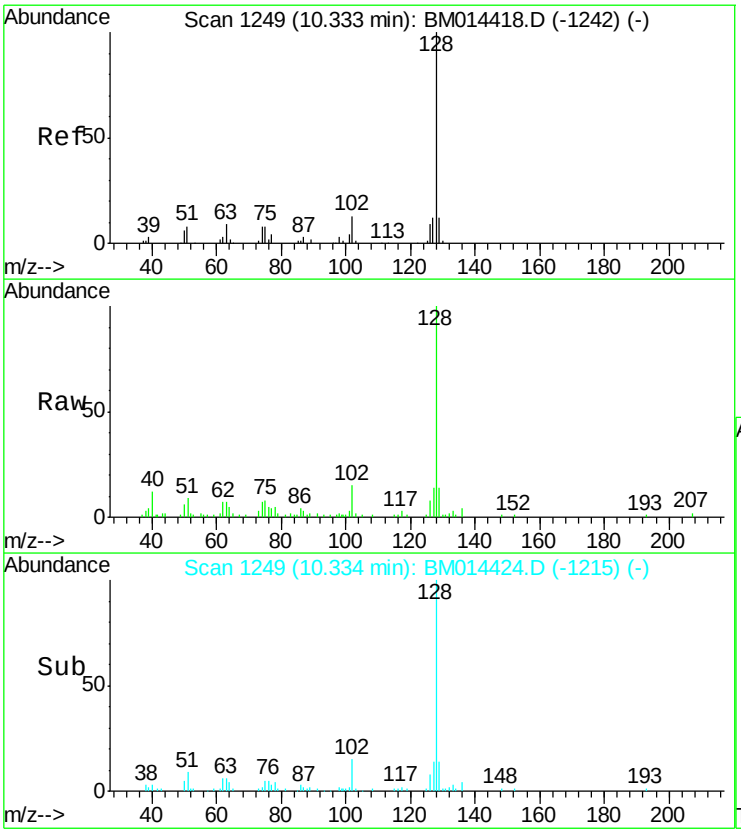
#20
Nitrobenzene
Concen: 1.137 ng/ul
RT: 8.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion: 77 Resp: 14513

Ion	Ratio	Lower	Upper
77	100		
123	39.9	31.0	46.6
65	15.7	12.2	18.2

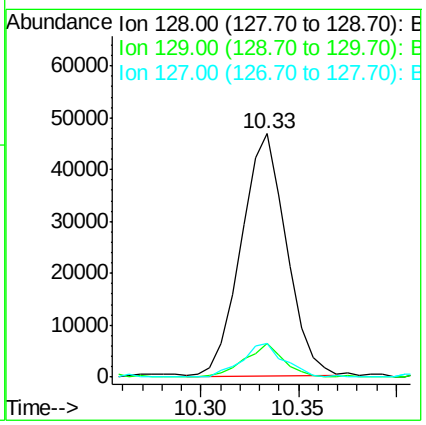


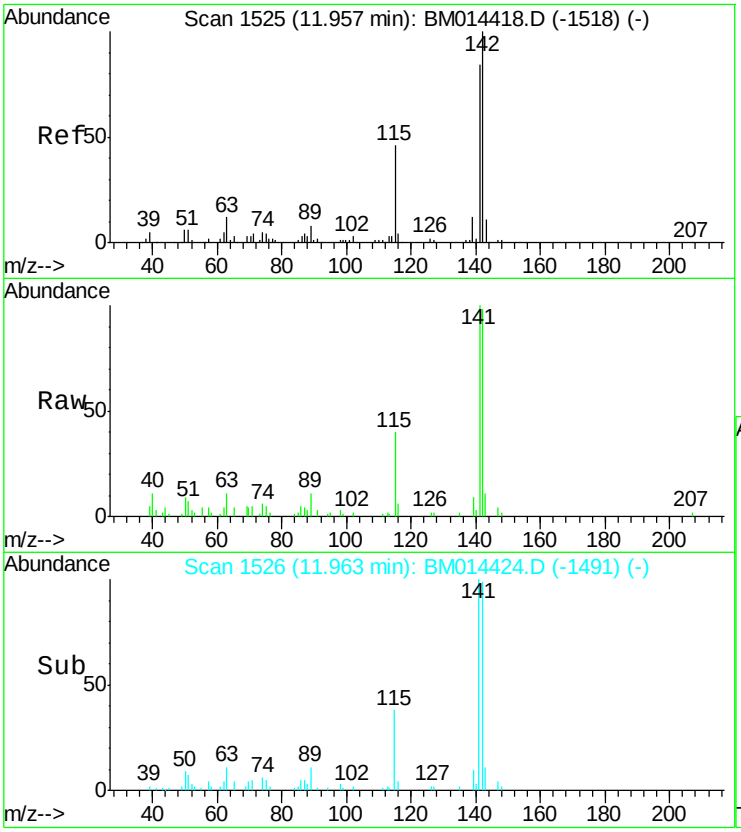


#28
Naphthalene
Concen: 2.494 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:128 Resp: 74819

Ion	Ratio	Lower	Upper
128	100		
129	13.8	8.8	13.2#
127	13.6	10.6	16.0



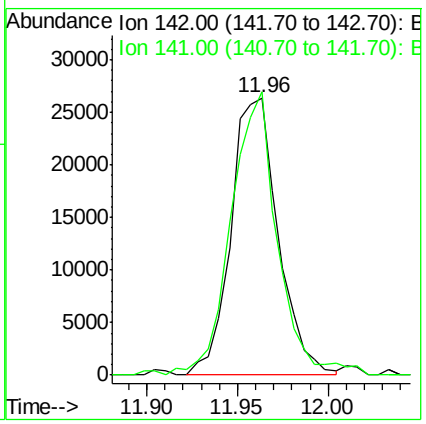


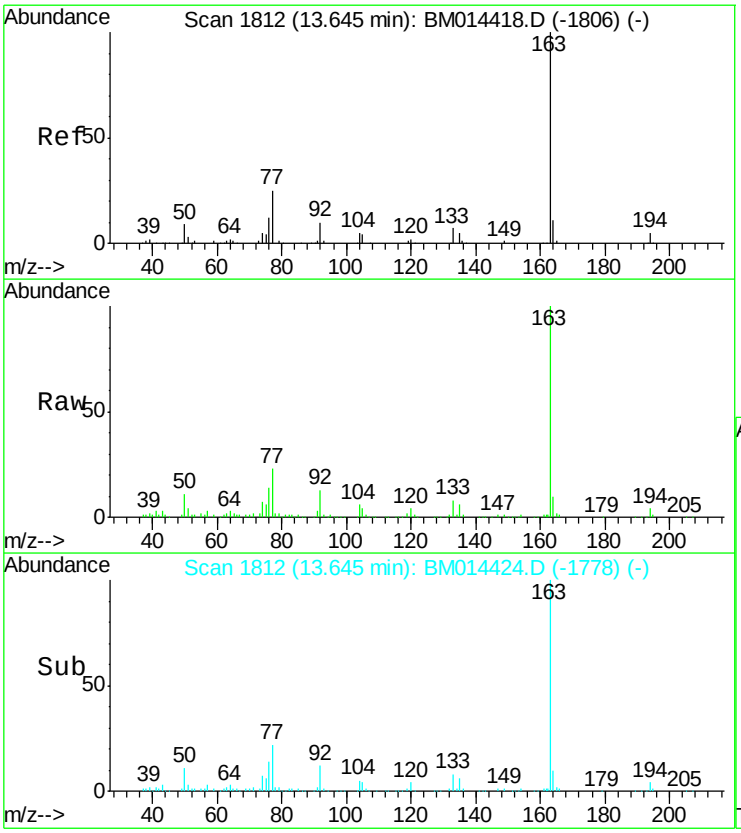
#34
2-Methylnaphthalene
Concen: 2.092 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:142 Resp: 47766

Ion	Ratio	Lower	Upper
142	100		
141	102.2	74.1	111.1

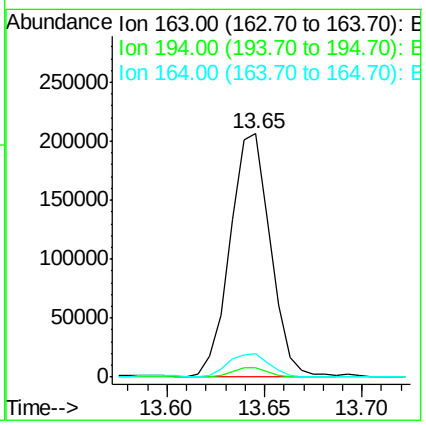


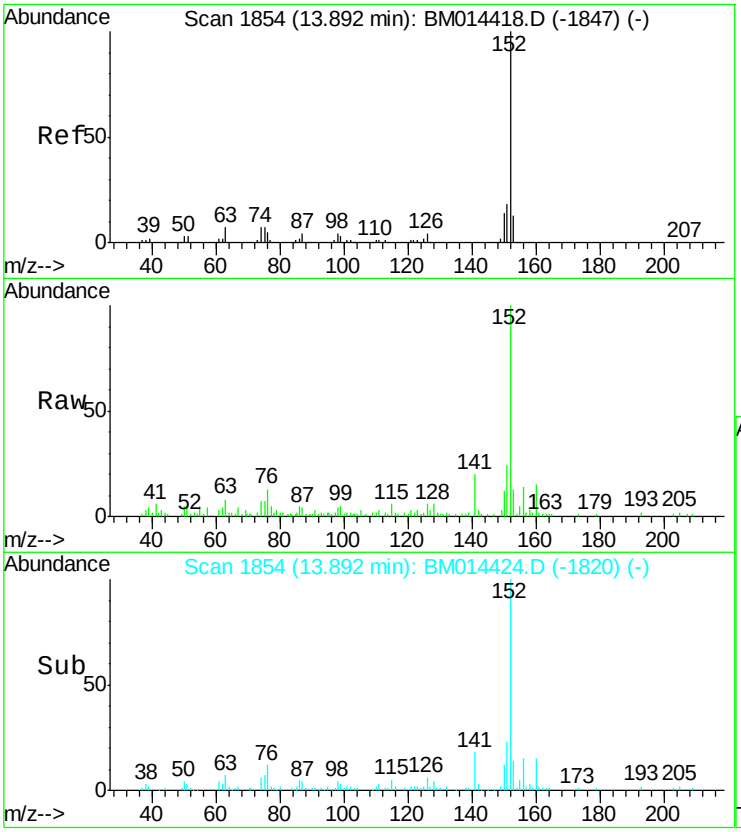


#44
Dimethylphthalate
Concen: 9.990 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:163 Resp: 293039

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.6	8.2	12.4



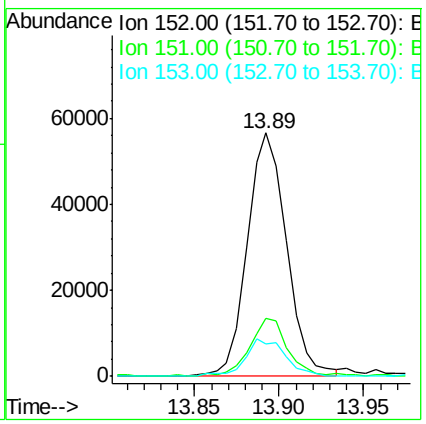


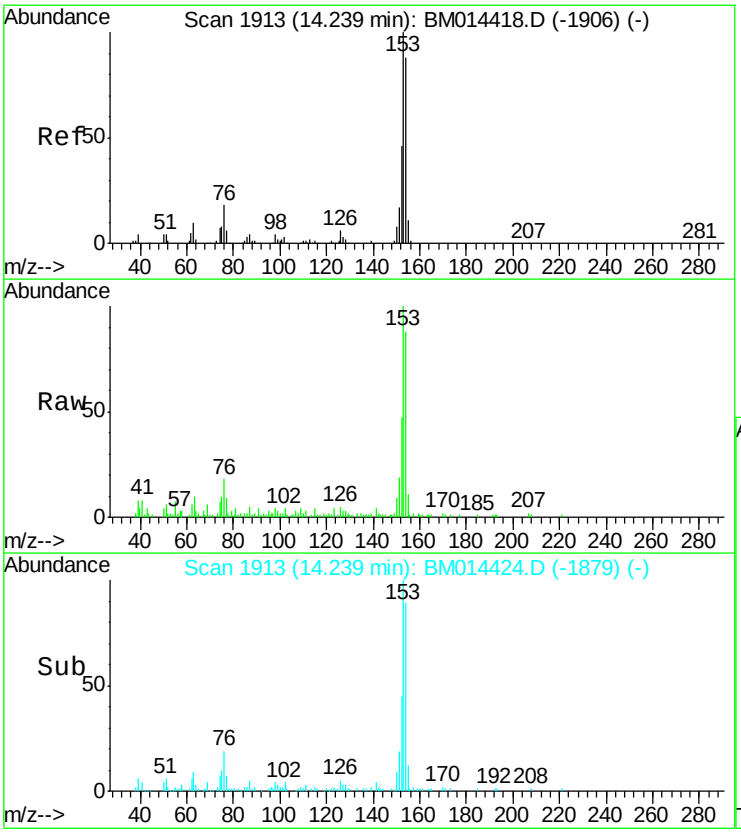
#47
Acenaphthylene
Concen: 2.639 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:152 Resp: 91510

Ion	Ratio	Lower	Upper
152	100		
151	23.6	16.3	24.5
153	13.4	10.2	15.4

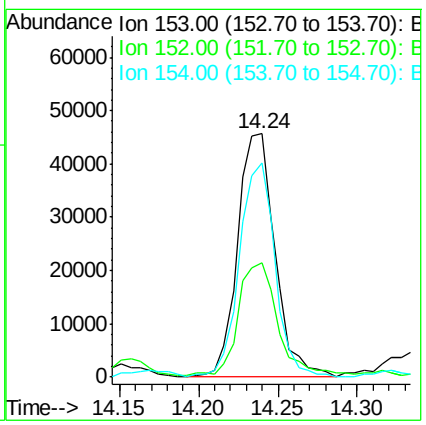


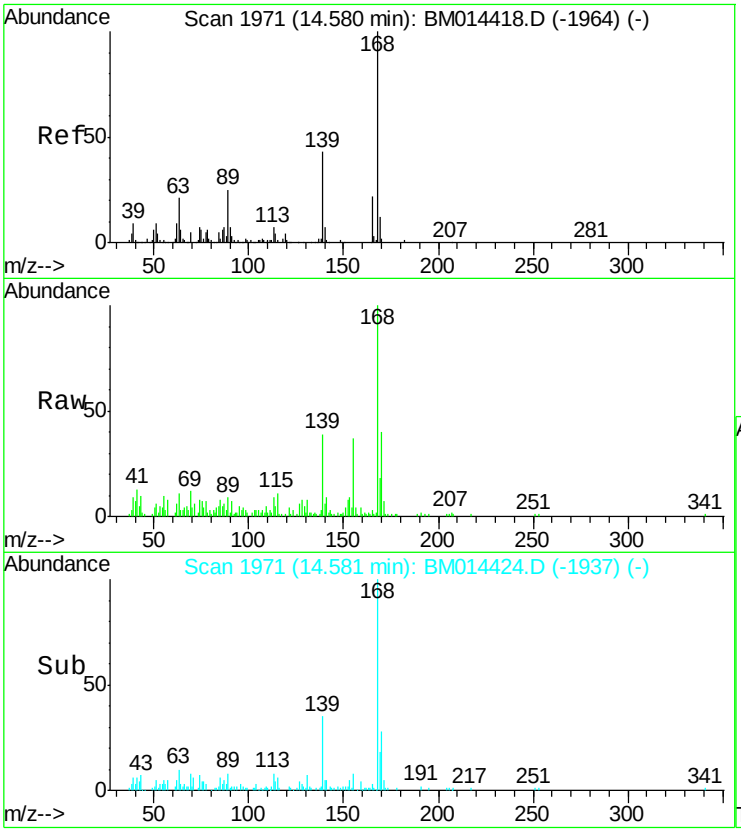


#49
Acenaphthene
Concen: 3.068 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:153 Resp: 74909

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.6	56.4
154	87.9	70.4	105.6



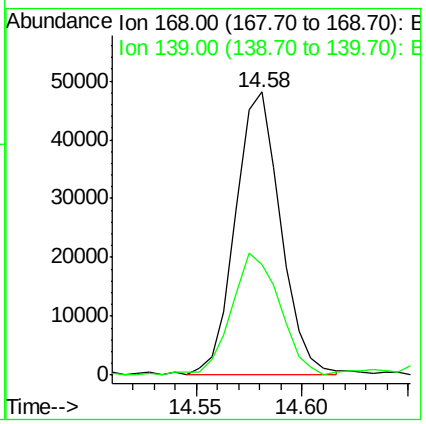


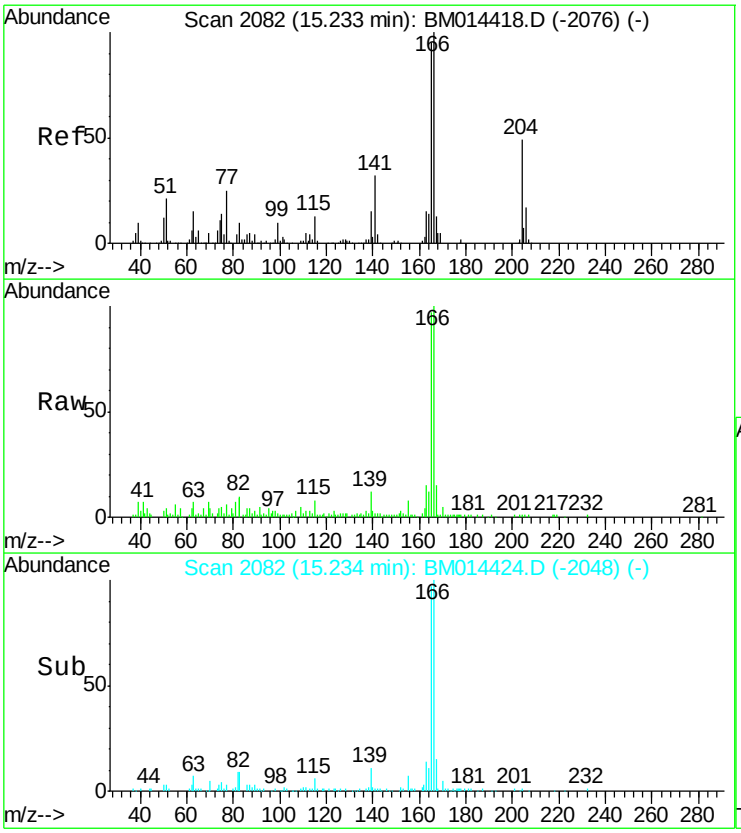
#53
Dibenzofuran
Concen: 1.953 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:168 Resp: 71494

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.8	46.2

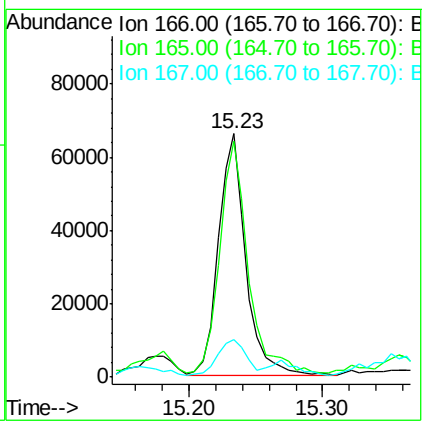


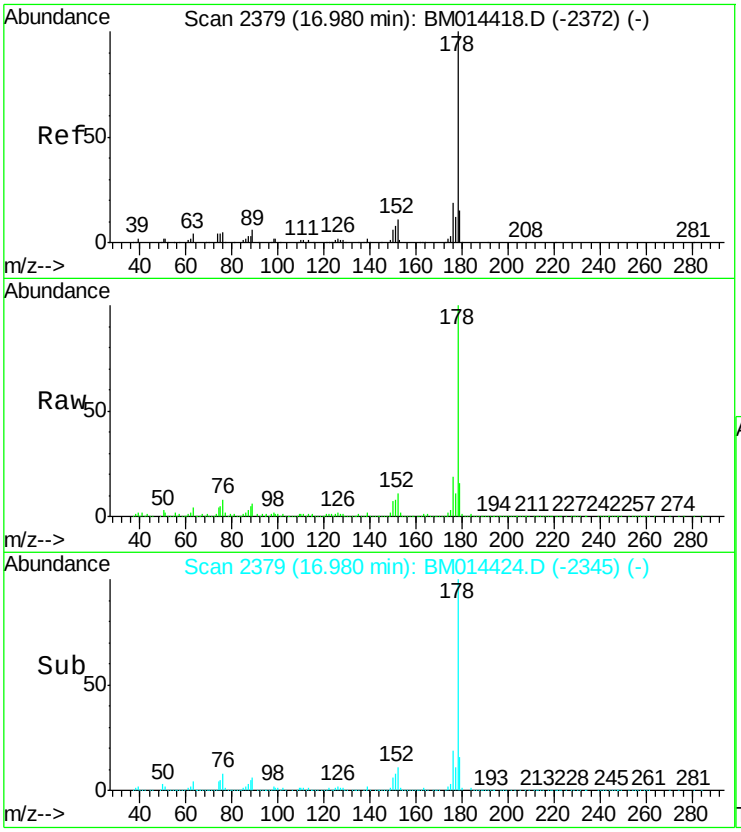


#58
Fluorene
Concen: 2.974 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:166 Resp: 93998

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	15.2	10.6	16.0



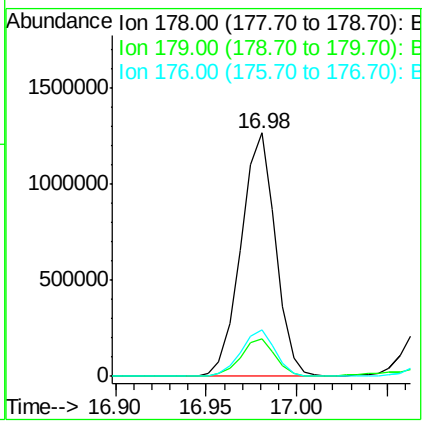


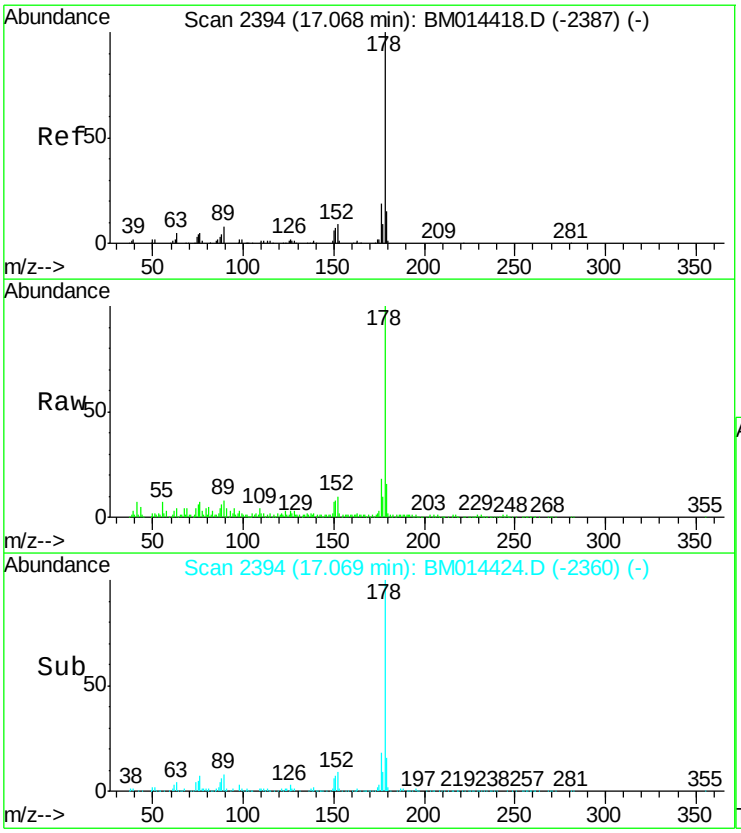
#69
Phenanthrene
Concen: 35.521 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:178 Resp: 1665527

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	18.9	14.9	22.3

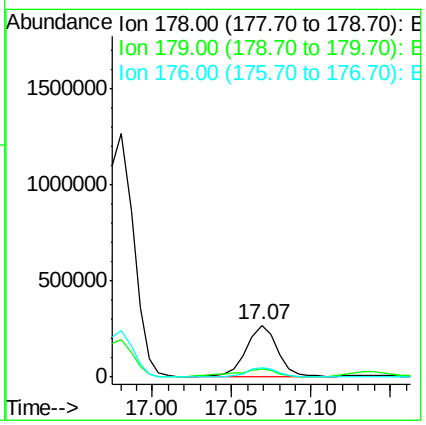


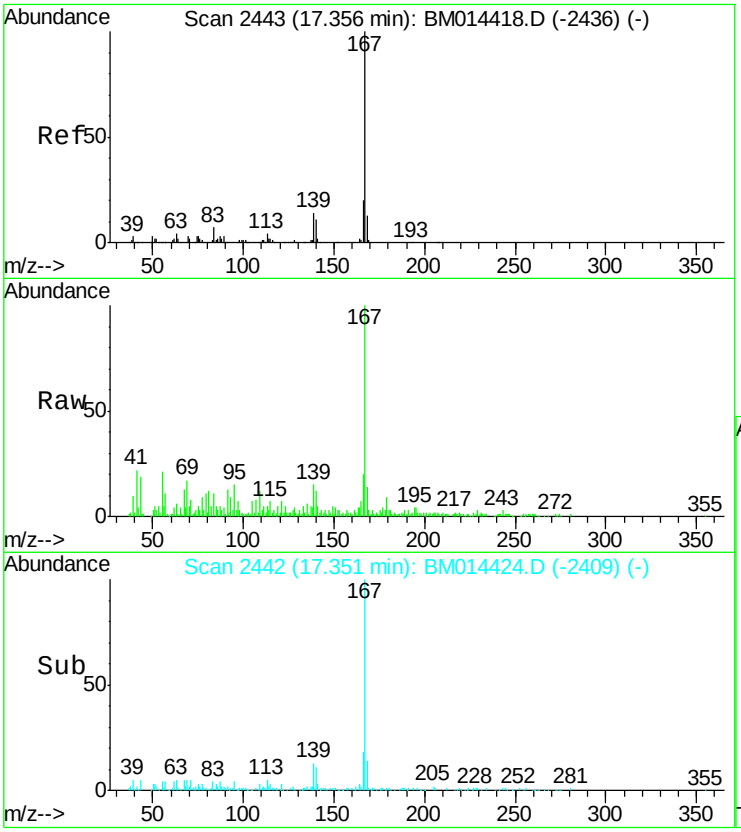


#71
Anthracene
Concen: 7.638 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:178 Resp: 360179

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.7	17.5
176	17.8	14.6	21.8



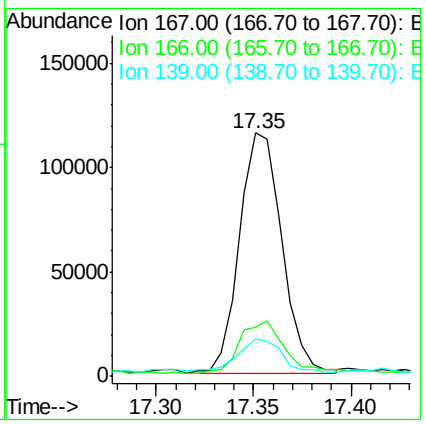


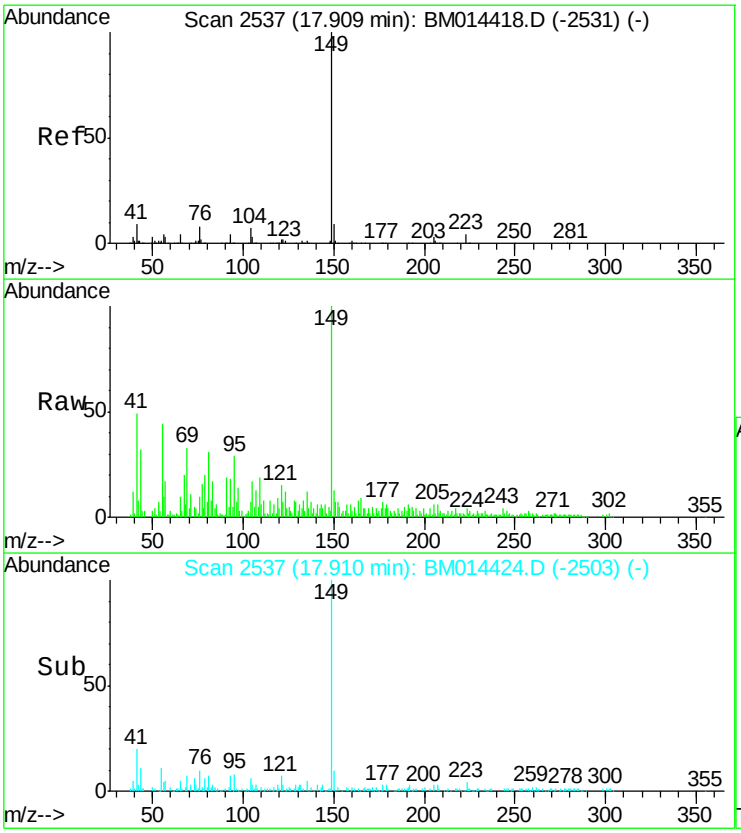
#72
Carbazole
Concen: 4.358 ng/ul
RT: 17.35 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:167 Resp: 172801

Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.1	25.7
139	15.2	10.0	15.0#

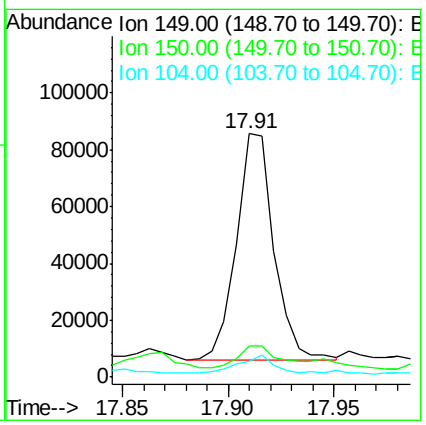


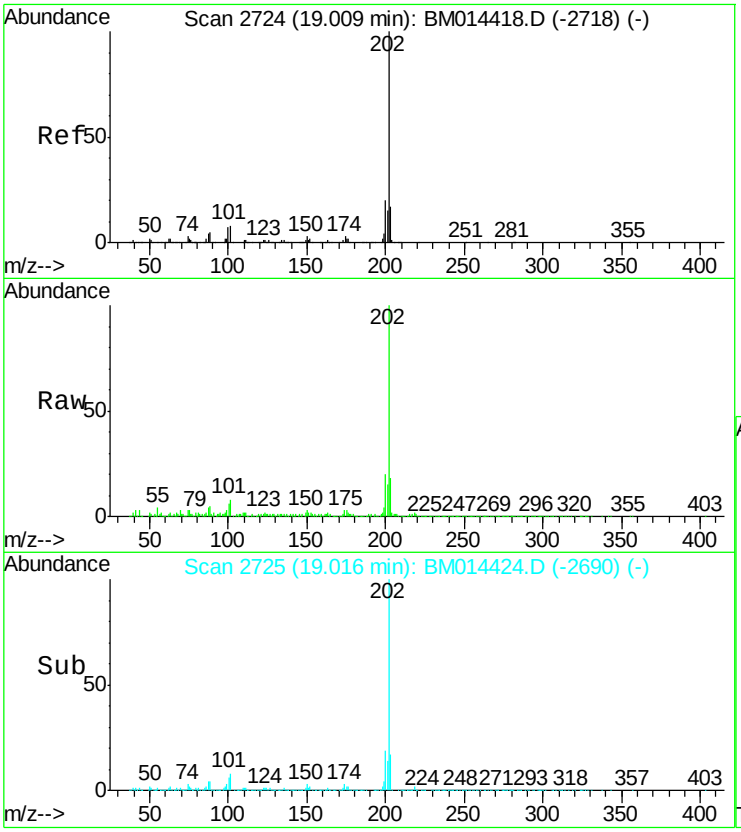


#73
Di-n-butylphthalate
Concen: 1.910 ng/ul
RT: 17.91 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:149 Resp: 97678

Ion	Ratio	Lower	Upper
149	100		
150	12.6	7.1	10.7#
104	6.5	5.6	8.4



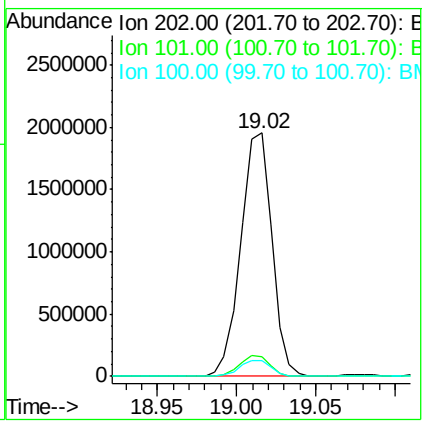


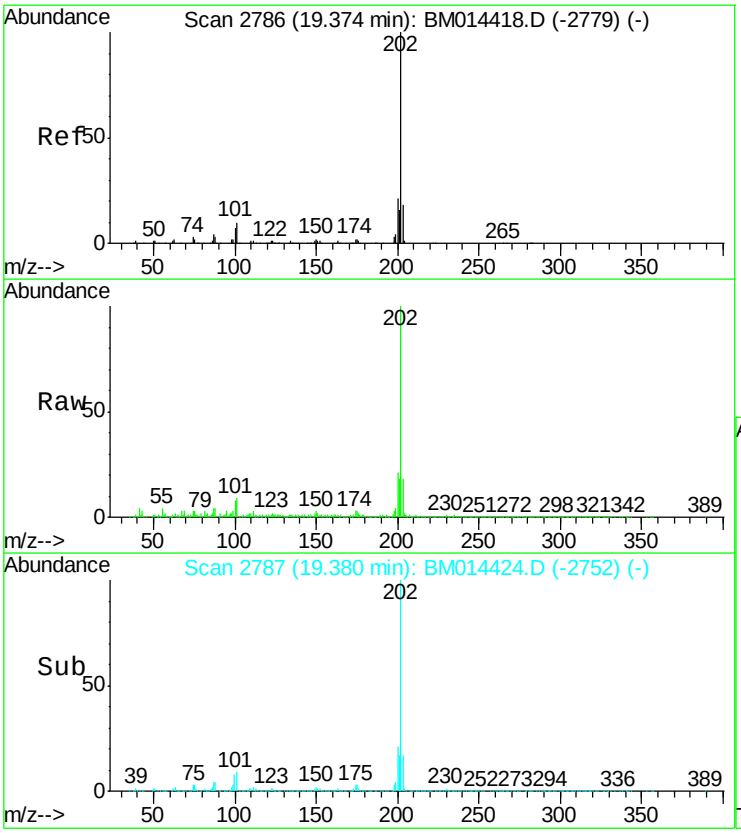
#74
Fluoranthene
Concen: 47.416 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:202 Resp: 2656170

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.4	3.4	5.2#

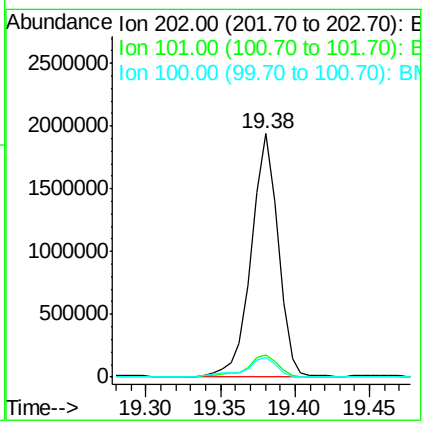


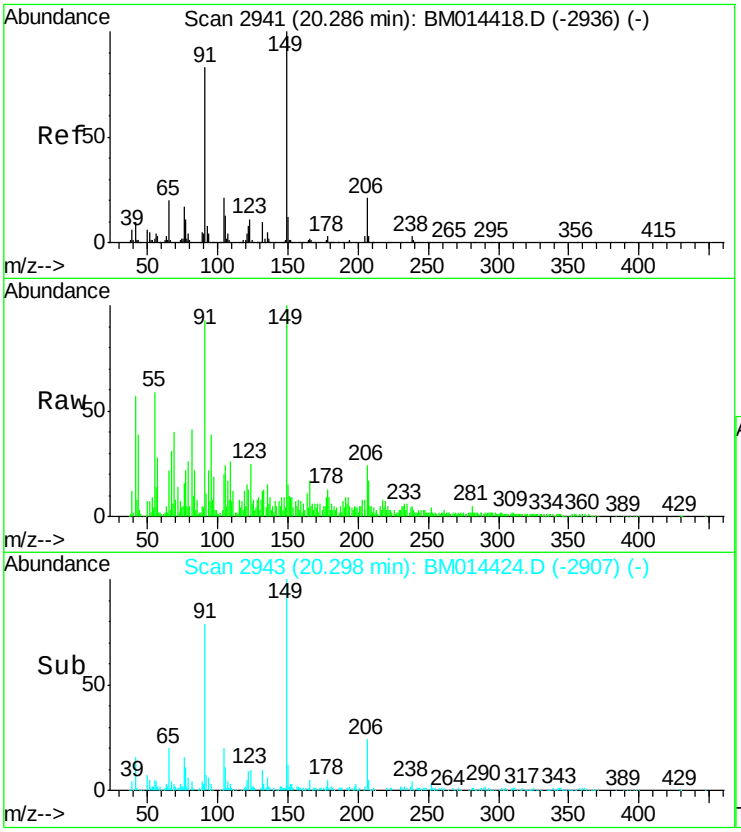


#77
Pyrene
Concen: 44.030 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:202 Resp: 2389608

Ion	Ratio	Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	8.2	4.9	7.3#



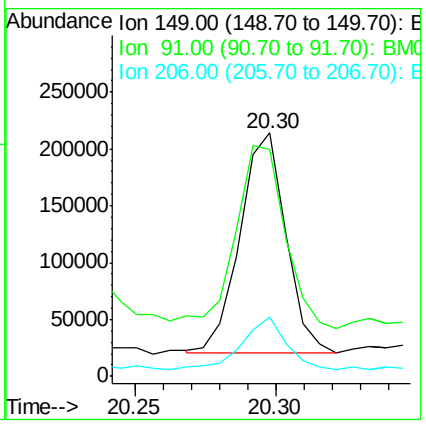


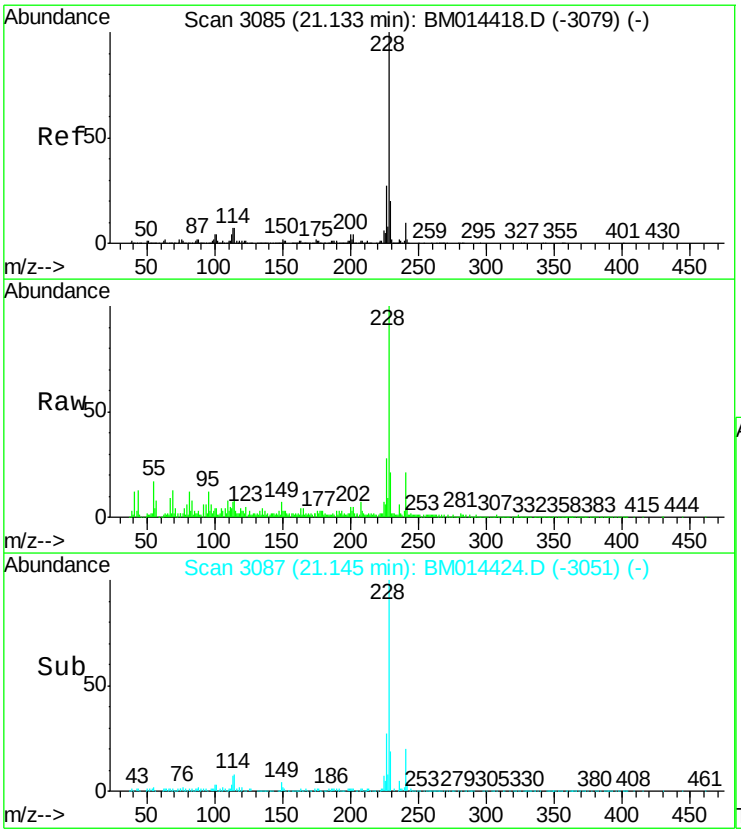
#78
Butylbenzylphthalate
Concen: 9.707 ng/ul
RT: 20.30 min Scan# 2943
Delta R.T. 0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:149 Resp: 217814

Ion	Ratio	Lower	Upper
149	100		
91	93.2	62.7	94.1
206	24.4	20.8	31.2

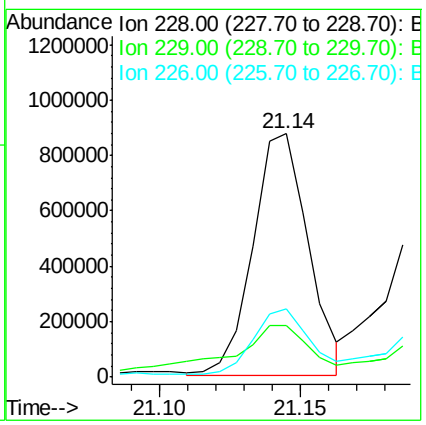


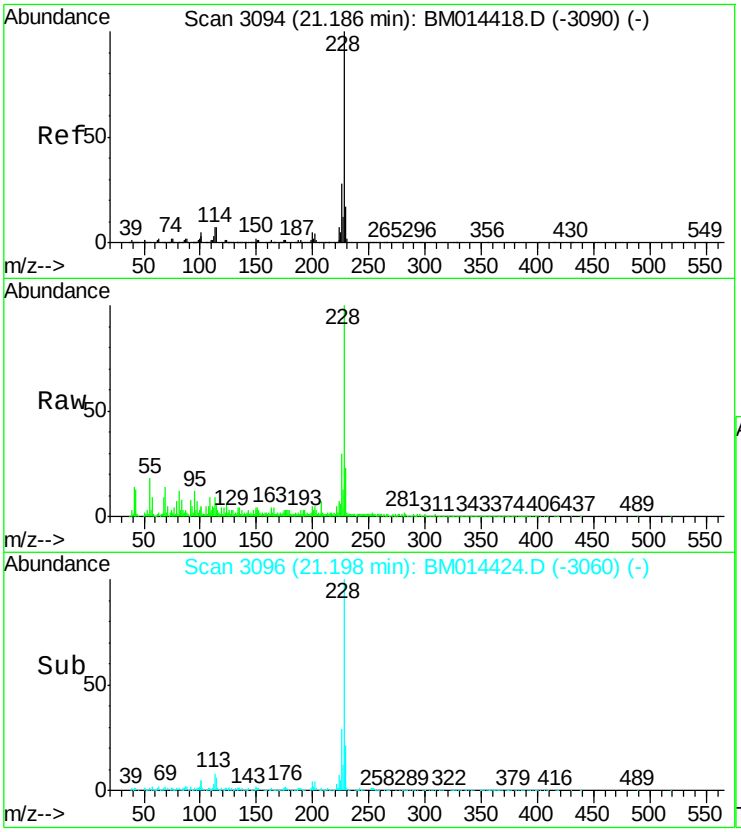


#80
Benzo(a)anthracene
Concen: 23.383 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:228 Resp: 1191773

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.0
226	27.9	21.4	32.0



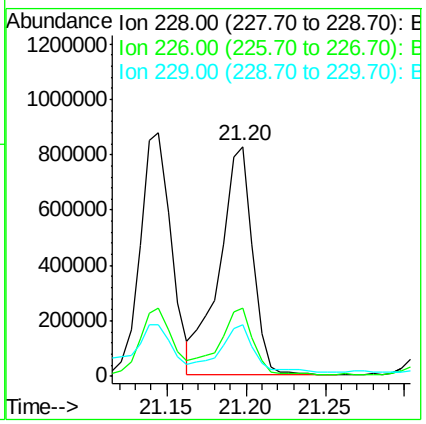


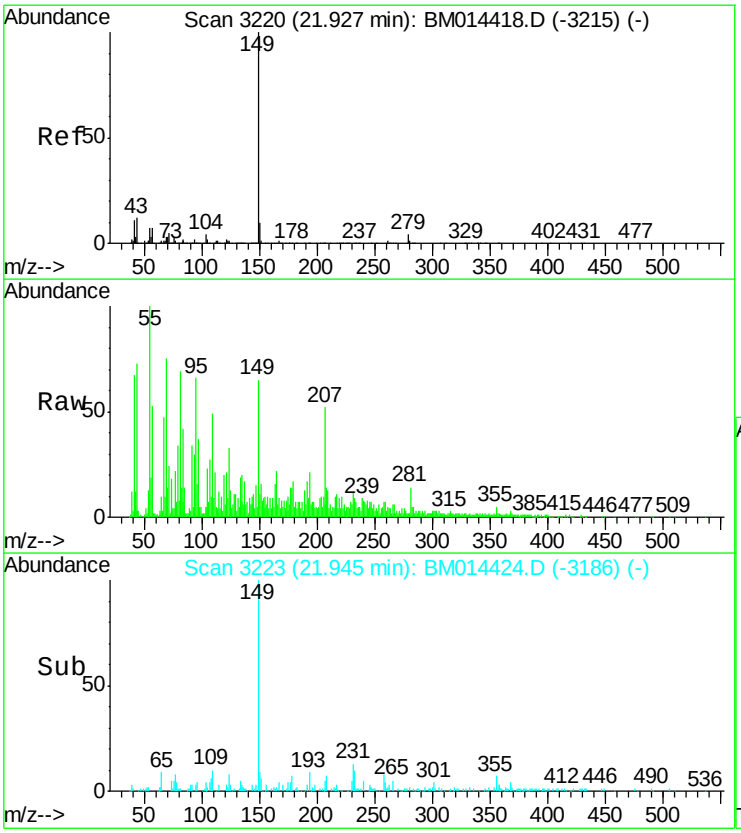
#82
Chrysene
Concen: 25.172 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:228 Resp: 1196816

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.5	15.5	23.3

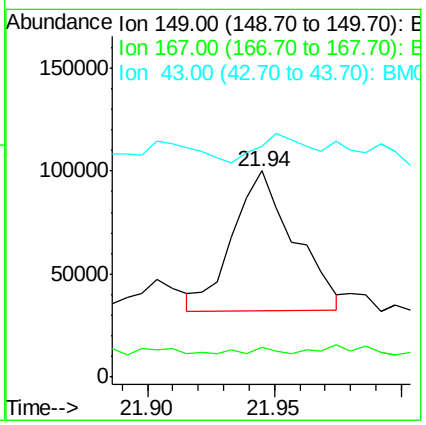


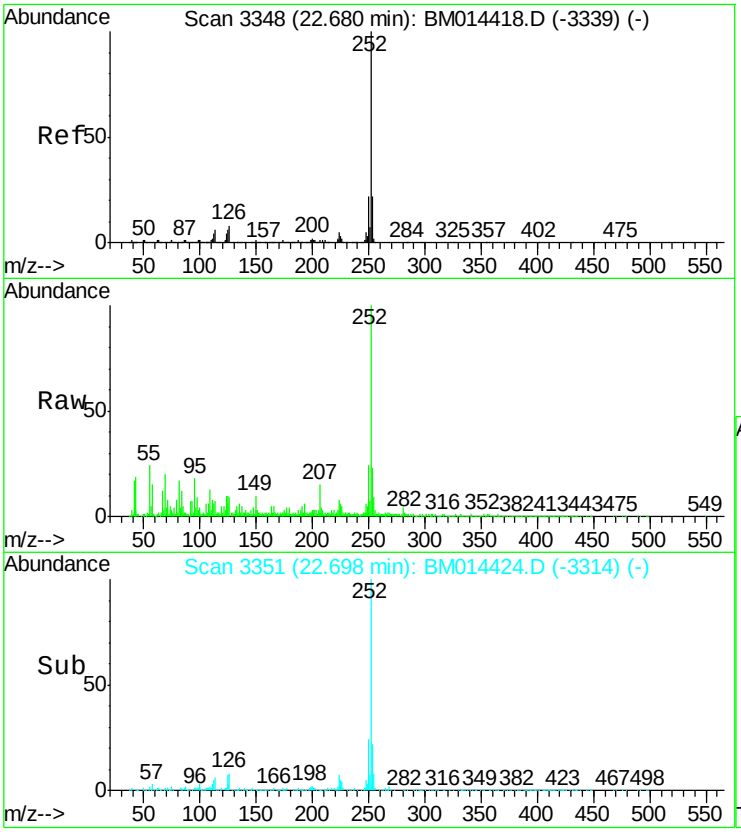


#84
Di-n-octyl phthalate
Concen: 2.117 ng/ul
RT: 21.94 min Scan# 3223
Delta R.T. 0.02 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:149 Resp: 114153

Ion	Ratio	Lower	Upper
149	100		
167	14.5	1.3	1.9#
43	112.4	7.3	10.9#



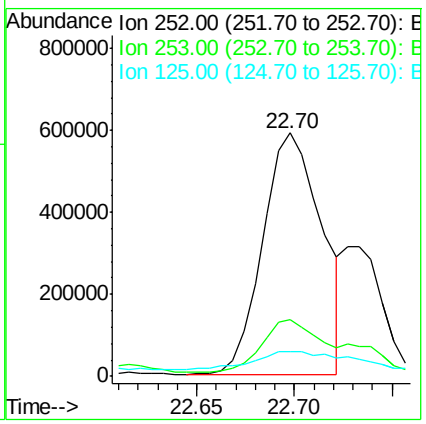


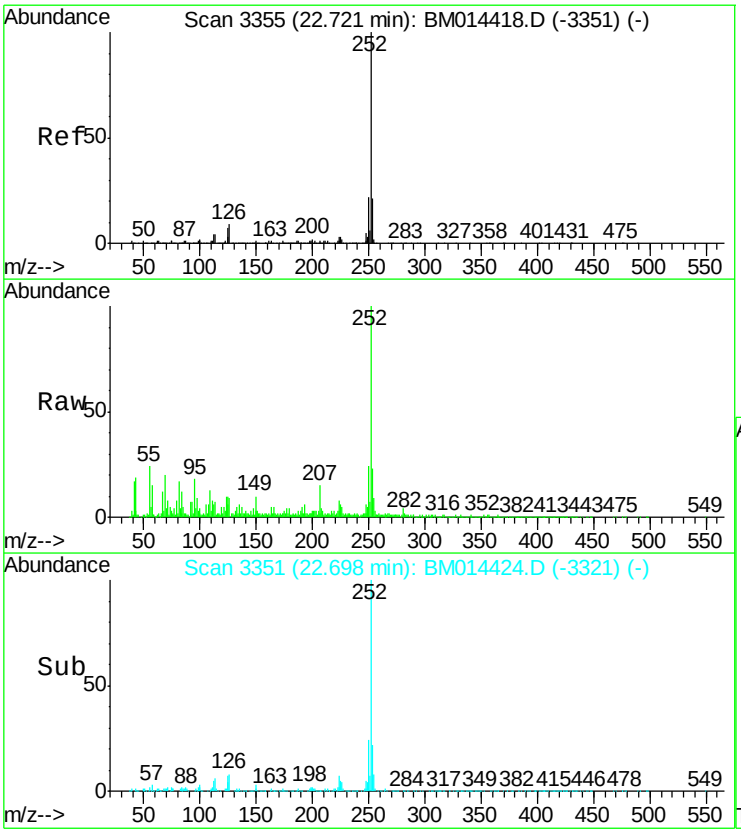
#85
Benzo(b)fluoranthene
Concen: 29.320 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.02 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:252 Resp: 1233453

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.0	3.6	5.4#

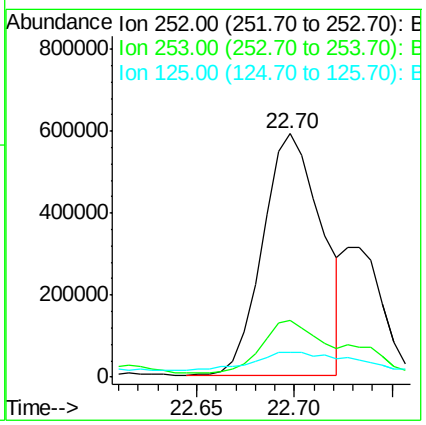


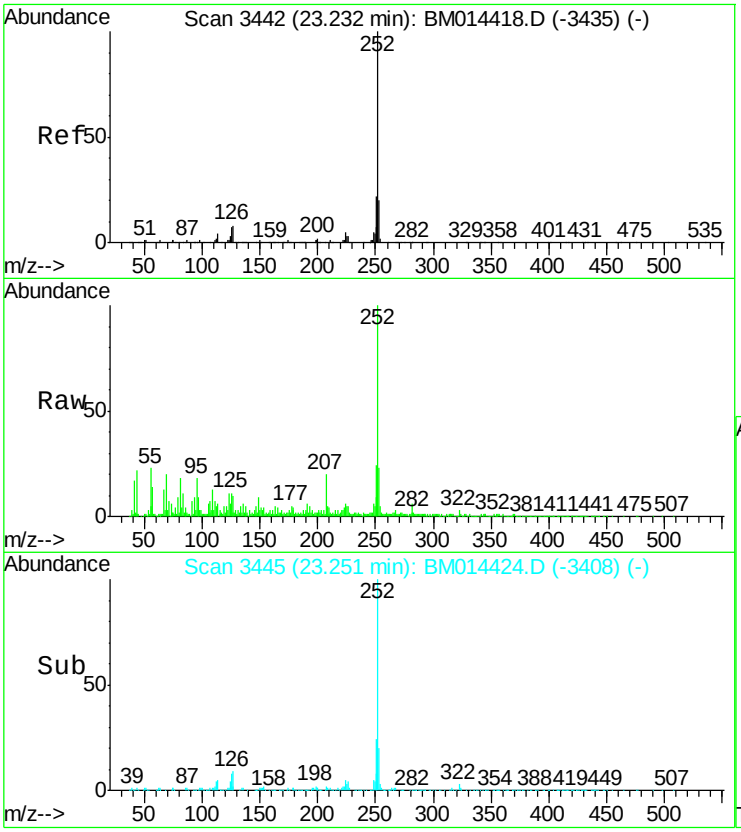


#86
Benzo(k)fluoranthene
Concen: 30.838 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:252 Resp: 1233453

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	10.0	3.4	5.2#



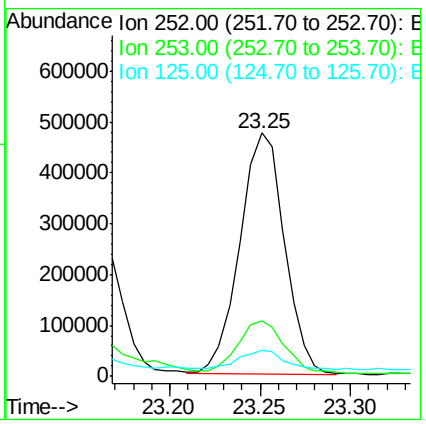


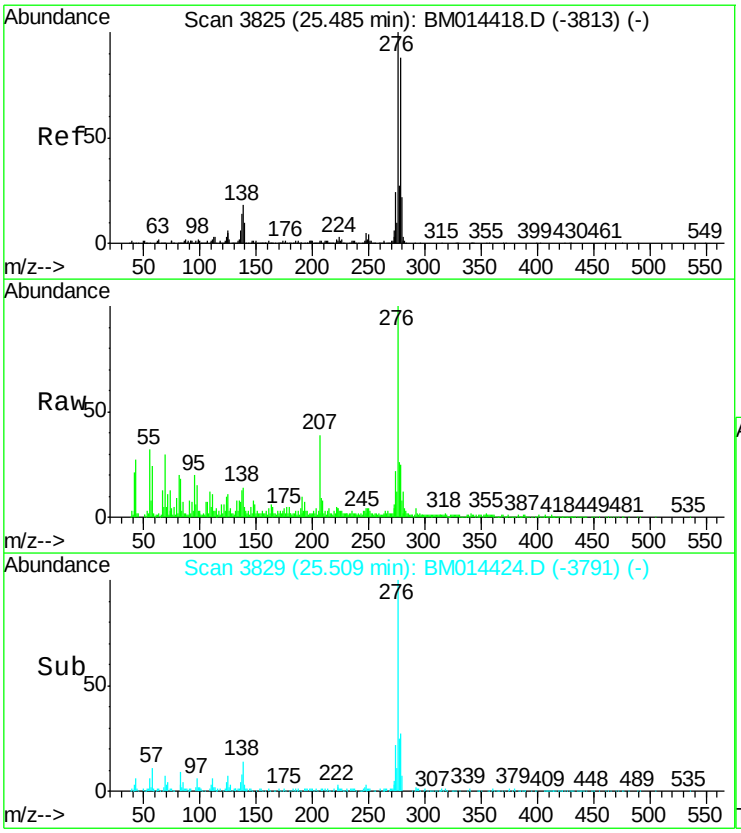
#88
Benzo(a)pyrene
Concen: 21.610 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. 0.02 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:252 Resp: 812366

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.9	4.0	6.0#

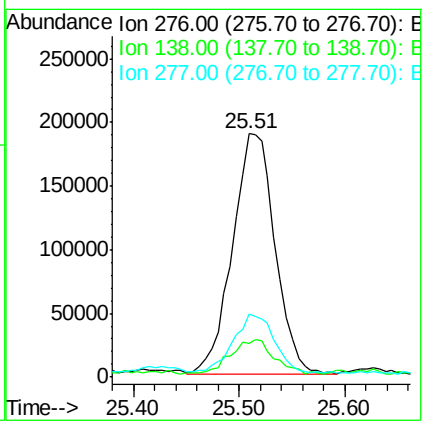


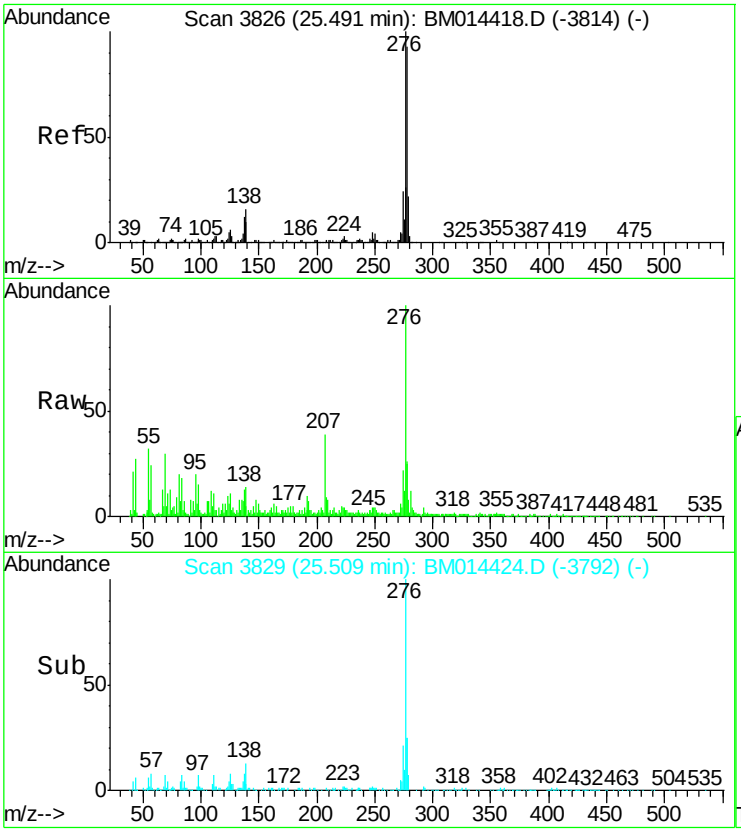


#89
Indeno(1,2,3-cd)pyrene
Concen: 14.388 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:276 Resp: 524850

Ion	Ratio	Lower	Upper
276	100		
138	14.0	9.3	13.9#
277	25.9	19.9	29.9



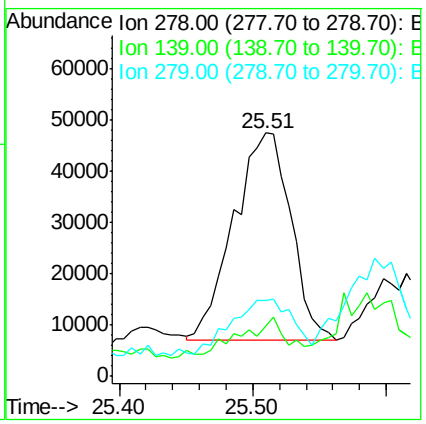


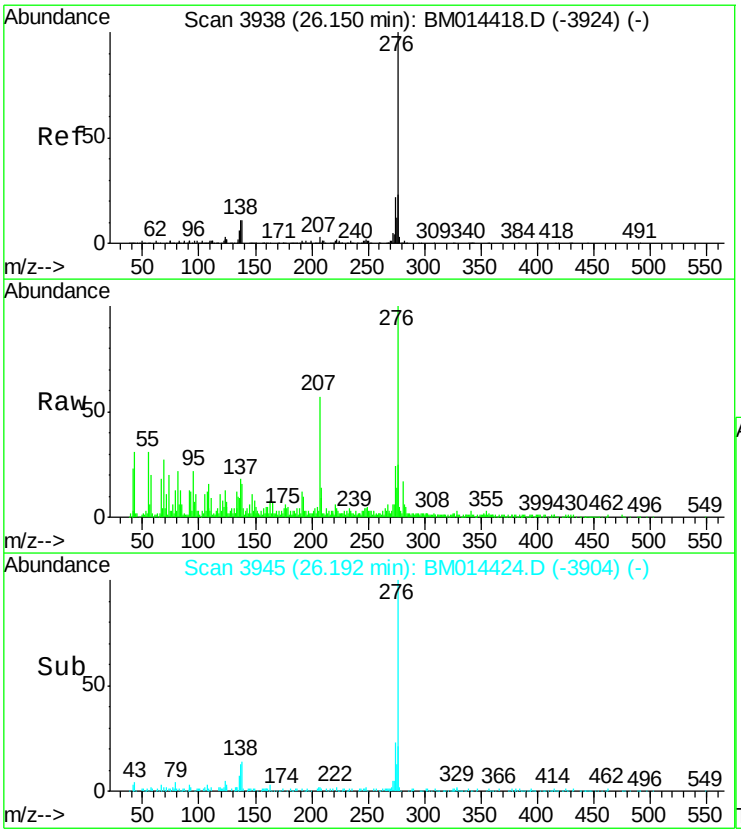
#90
Dibenzo(a,h)anthracene
Concen: 3.950 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Instrument :
BNA_M
ClientSampleId :
BE5W8

Tgt Ion:278 Resp: 119730

Ion	Ratio	Lower	Upper
278	100		
139	20.4	5.8	8.8#
279	31.3	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 13.748 ng/ul
RT: 26.19 min Scan# 3945
Delta R.T. 0.04 min
Lab File: BM014424.D
Acq: 01 Mar 2018 05:09

Tgt Ion:276 Resp: 406264

Ion	Ratio	Lower	Upper
276	100		
138	15.8	8.5	12.7#
277	25.0	18.6	28.0