Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014108.D
Acq On : 02 Feb 2018 11:59
Operator : SJ/JU
Sample : J1315-20RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 02 17:51:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	79064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	336351	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1039586	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	636323	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	685201	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	676234	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	9043	5.25	ng/uL	0.00
5) Phenol-d5	6.75	99	143191	24.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	102524	28.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	128210	27.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	57938	11.64	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	70567	29.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	80011	29.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	135513	23.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	83029	16.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	690012	8.00	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	781961	7.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	59744	5.02	ng/ul	0.01
57) Fluorene-d10	15.22	176	607633	7.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	86023	22.02	ng/ul	0.00
70) Anthracene-d10	17.07	188	1006739	32.59	ng/ul	0.00
76) Pyrene-d10	19.37	212	1170965	35.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	1082543	32.62	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.78	94	6227	1.047	ng/ul#	86
24) 2,4-Dimethylphenol	9.52	107	6455	1.036	ng/ul#	40
27) 2,4-Dichlorophenol	10.11	162	48416	9.217	ng/ul#	30
32) Caprolactam	11.35	113	19562	13.564	ng/ul	84
44) Dimethylphthalate	13.68	163	113512	1.365	ng/ul	96
49) Acenaphthene	14.28	153	137791	2.022	ng/ul	99
50) 2,4-Dinitrophenol	14.22	184	68472	7.901	ng/ul#	1
53) Dibenzofuran	14.62	168	201202	1.939	ng/ul	96
58) Fluorene	15.27	166	187770	2.170	ng/ul#	78
64) N-Nitrosodiphenylamine	15.49	169	23116	1.259	ng/ul#	54
68) Pentachlorophenol	16.64	266	6188	1.485	ng/ul#	76
71) Anthracene	17.10	178	186345	5.141	ng/ul#	76
74) Fluoranthene	19.04	202	461043	10.358	ng/ul#	96
77) Pyrene	19.40	202	347412	8.497	ng/ul#	97
80) Benzo(a)anthracene	21.16	228	77034	1.805	ng/ul#	77
82) Chrysene	21.21	228	61807	1.541	ng/ul#	90
85) Benzo(b)fluoranthene	22.72	252	65132	1.526	ng/ul#	88
86) Benzo(k)fluoranthene	22.72	252	65132	1.553	ng/ul#	86

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

Quantitation Report (Not Reviewed)

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Quant Title : SVOA CALIBRATION
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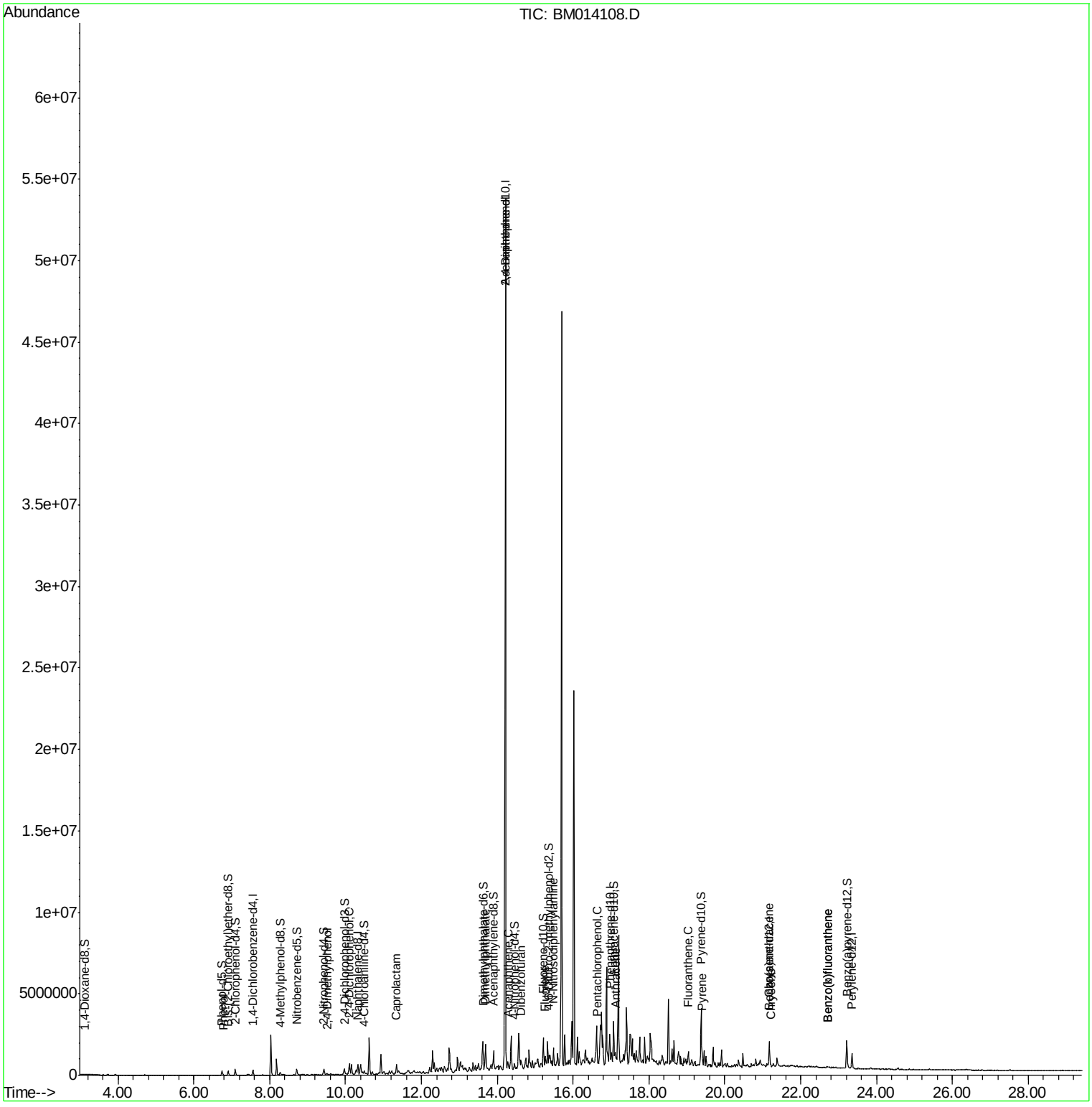
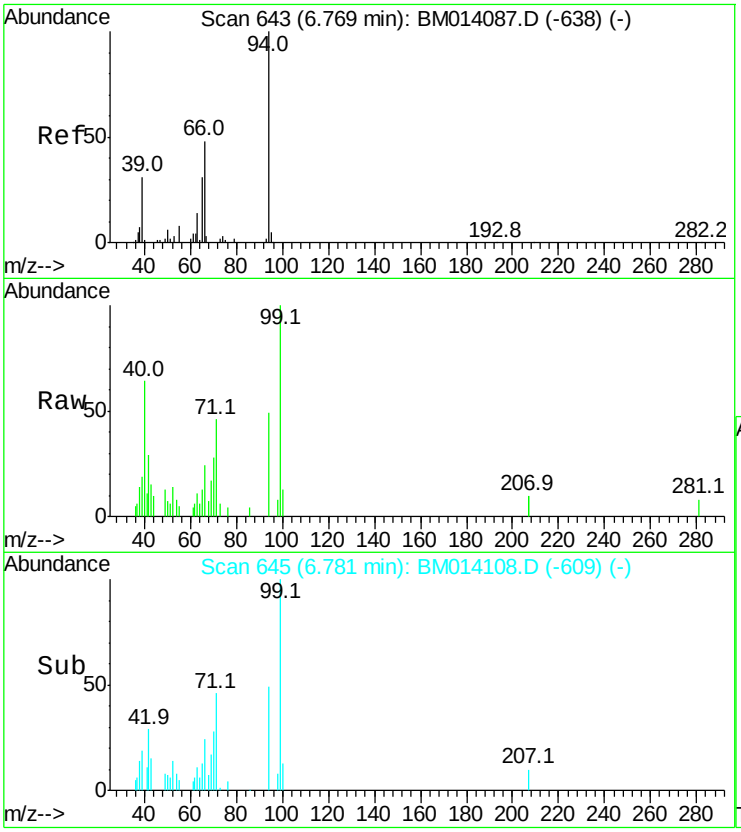
Response via : Initial Calibration



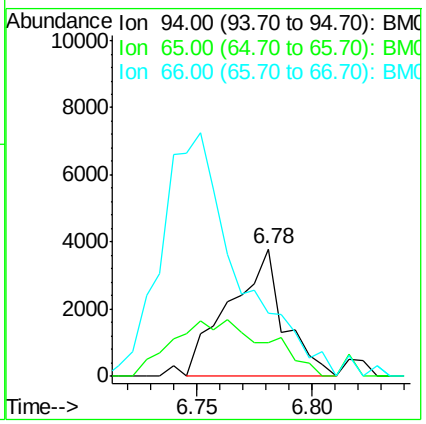


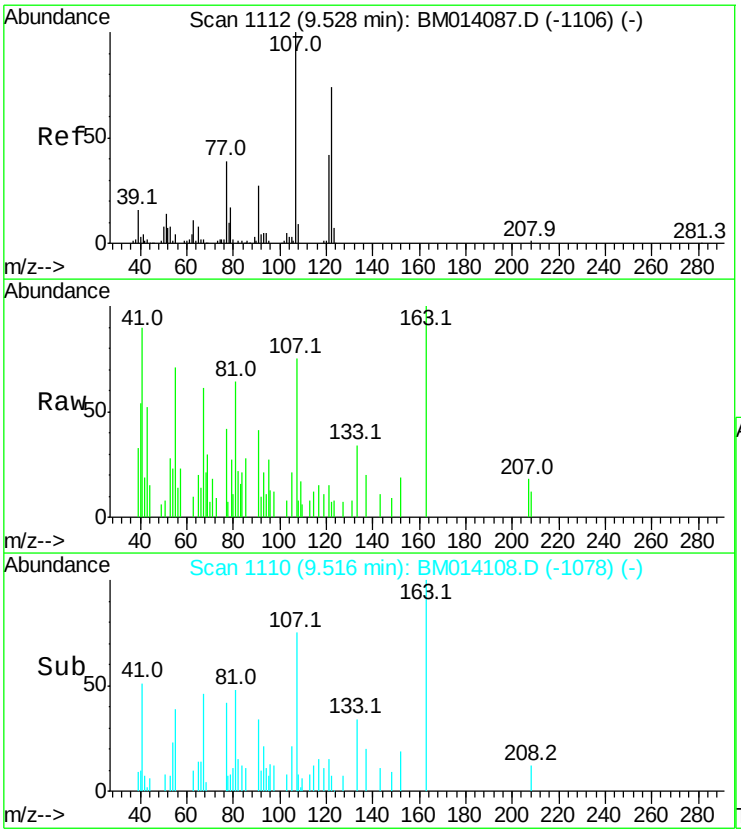
#6
Phenol
Concen: 1.047 ng/ul
RT: 6.78 min Scan# 645
Delta R.T. 0.01 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 6227

Ion	Ratio	Lower	Upper
94	100		
65	26.7	28.2	42.4#
66	49.4	47.2	70.8

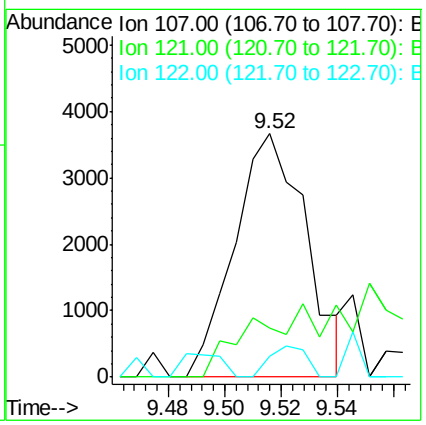


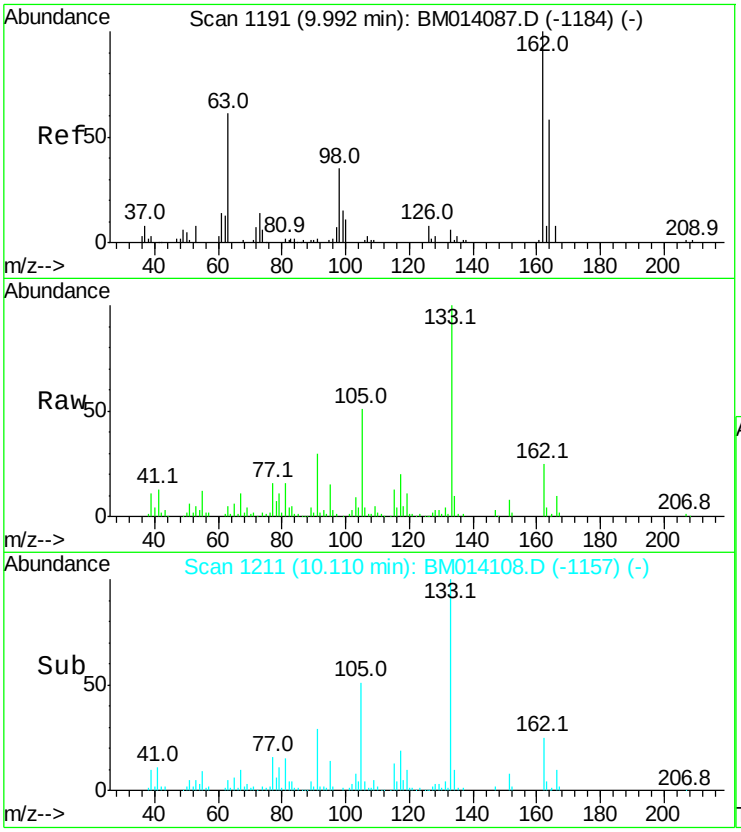


#24
2,4-Dimethylphenol
Concen: 1.036 ng/ul
RT: 9.52 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:107 Resp: 6455

Ion	Ratio	Lower	Upper
107	100		
121	20.2	31.9	47.9#
122	8.8	57.8	86.6#



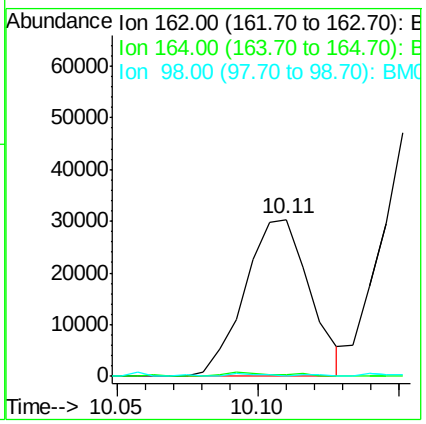


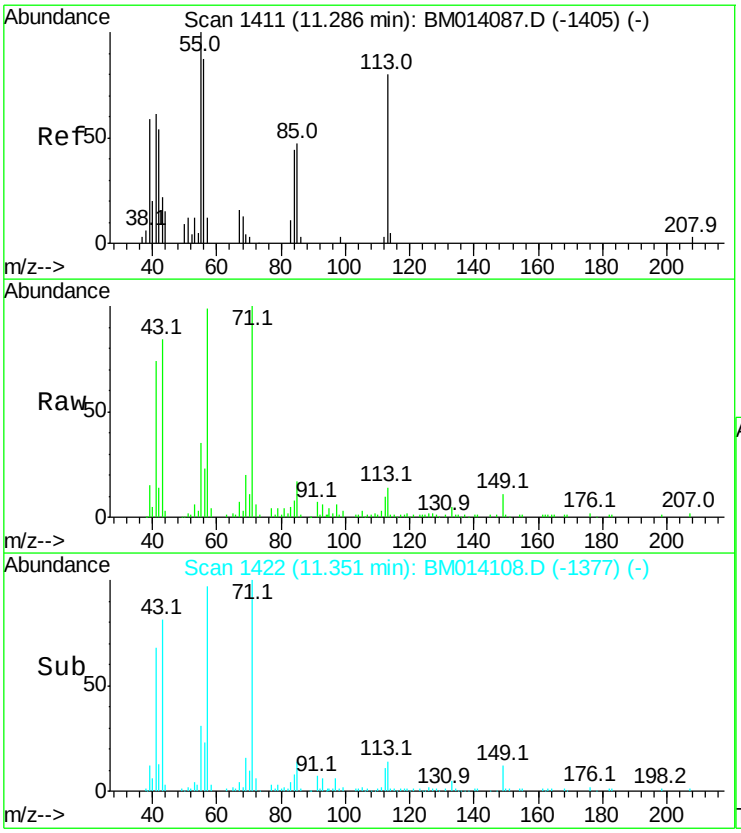
#27
2,4-Dichlorophenol
Concen: 9.217 ng/ul
RT: 10.11 min Scan# 1211
Delta R.T. 0.12 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 48416

Ion	Ratio	Lower	Upper
162	100		
164	1.0	47.8	71.6#
98	0.0	23.0	34.4#

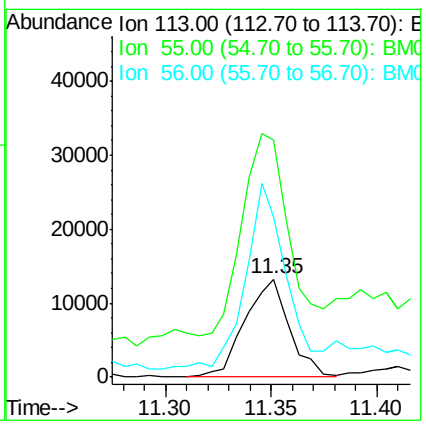


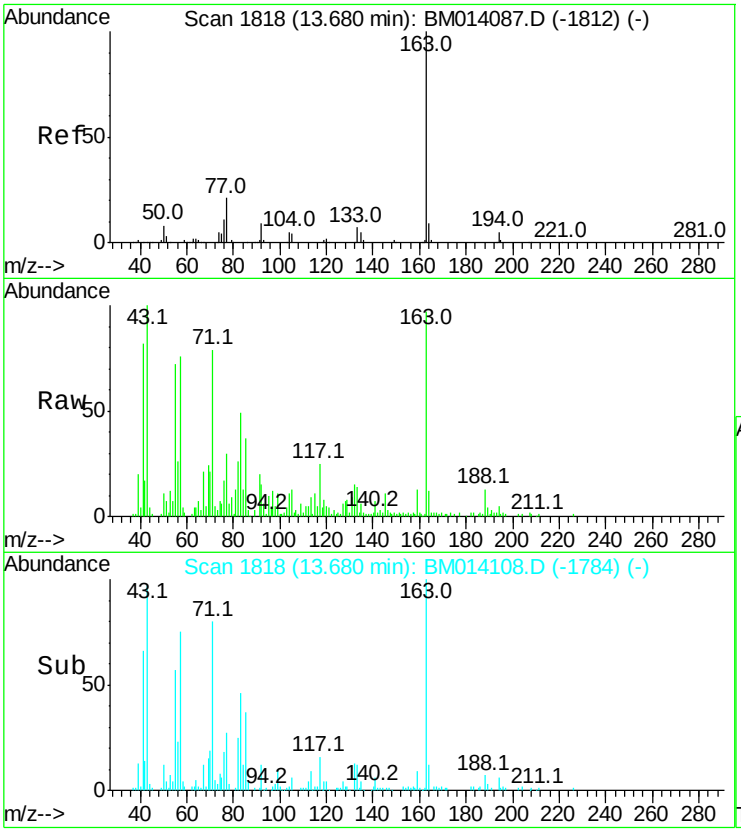


#32
Caprolactam
Concen: 13.564 ng/ul
RT: 11.35 min Scan# 1422
Delta R.T. 0.06 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:113 Resp: 19562

Ion	Ratio	Lower	Upper
113	100		
55	242.2	208.0	312.0
56	163.8	160.0	240.0



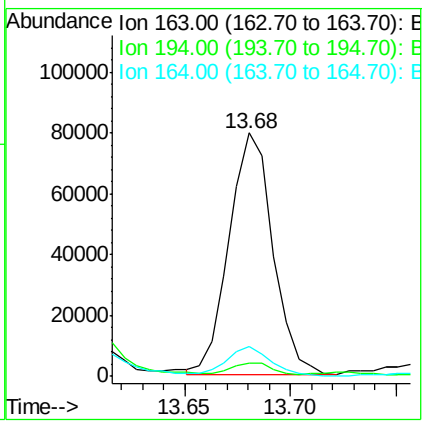


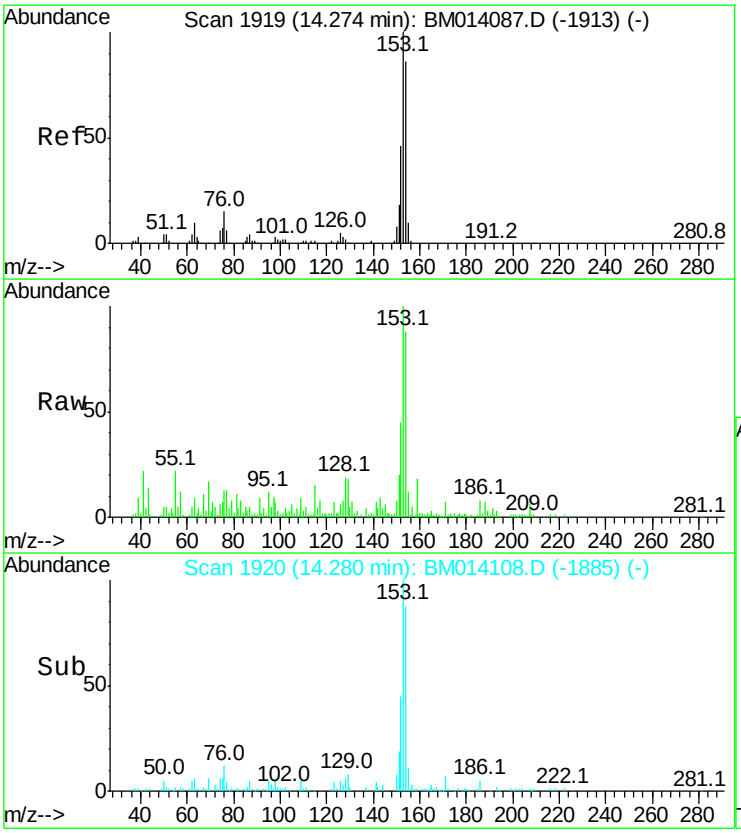
#44
Dimethylphthalate
Concen: 1.365 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 113512

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	12.1	8.2	12.4

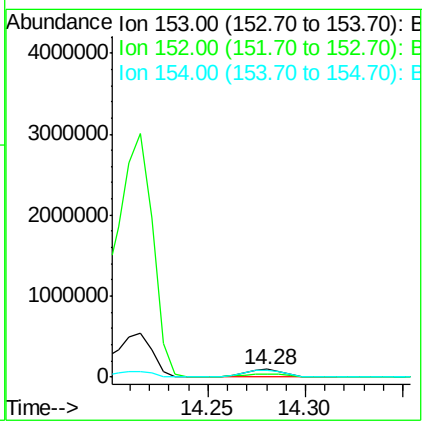


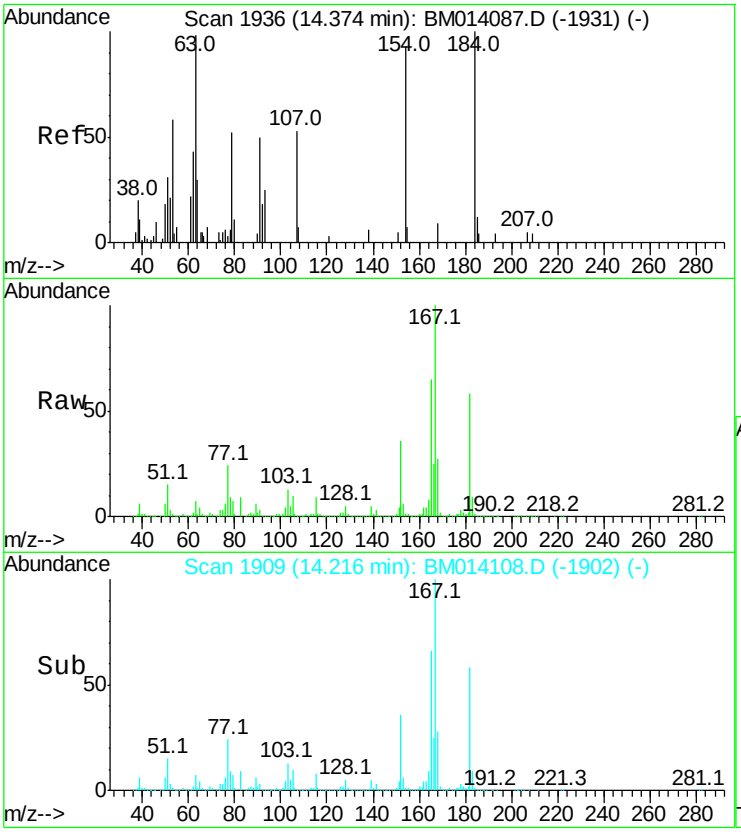


#49
Acenaphthene
Concen: 2.022 ng/ul
RT: 14.28 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:153 Resp: 137791

Ion	Ratio	Lower	Upper
153	100		
152	45.3	37.6	56.4
154	87.8	70.4	105.6



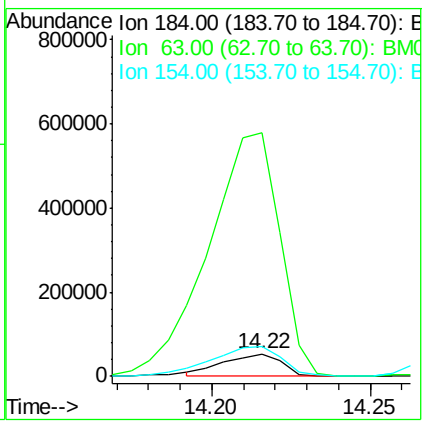


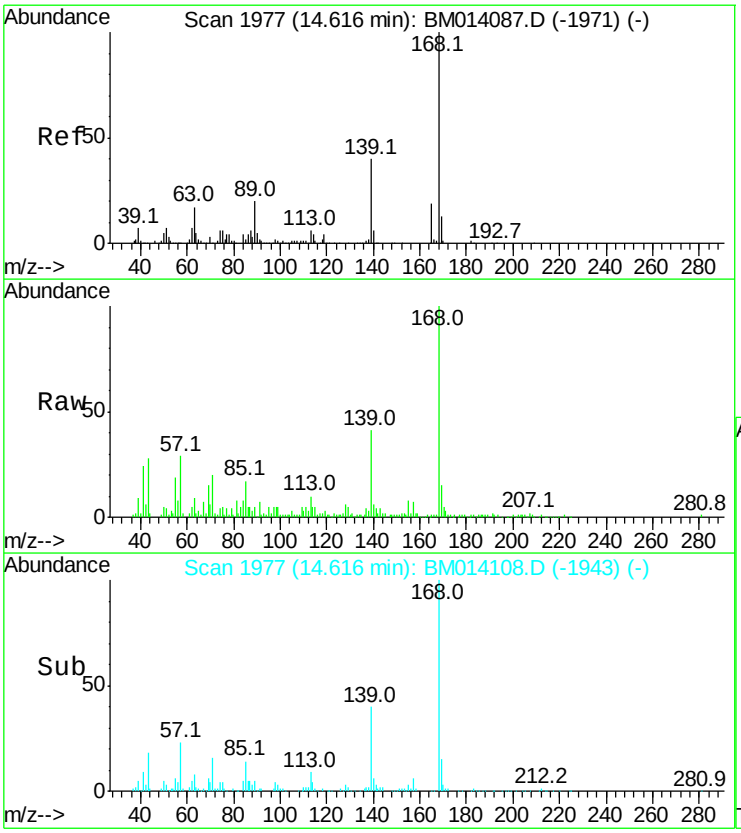
#50
2,4-Dinitrophenol
Concen: 7.901 ng/ul
RT: 14.22 min Scan# 1909
Delta R.T. -0.16 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 68472

Ion	Ratio	Lower	Upper
184	100		
63	1079.0	50.1	75.1#
154	133.7	54.5	81.7#

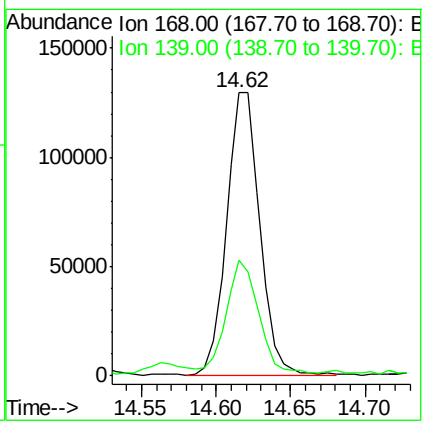


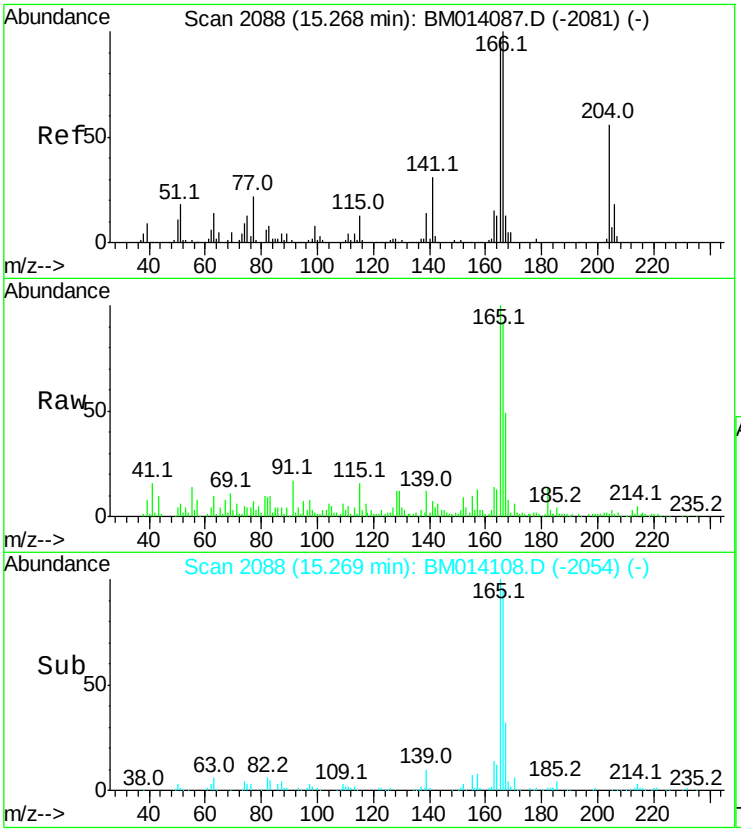


#53
Dibenzofuran
Concen: 1.939 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:168 Resp: 201202

Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.8	46.2



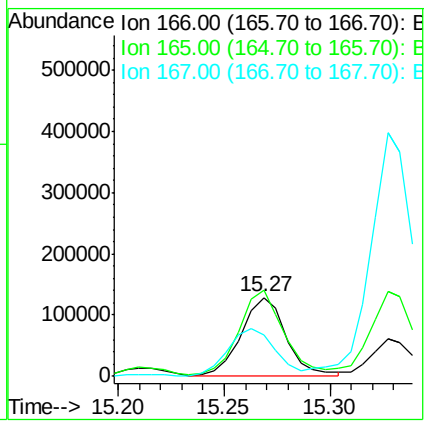


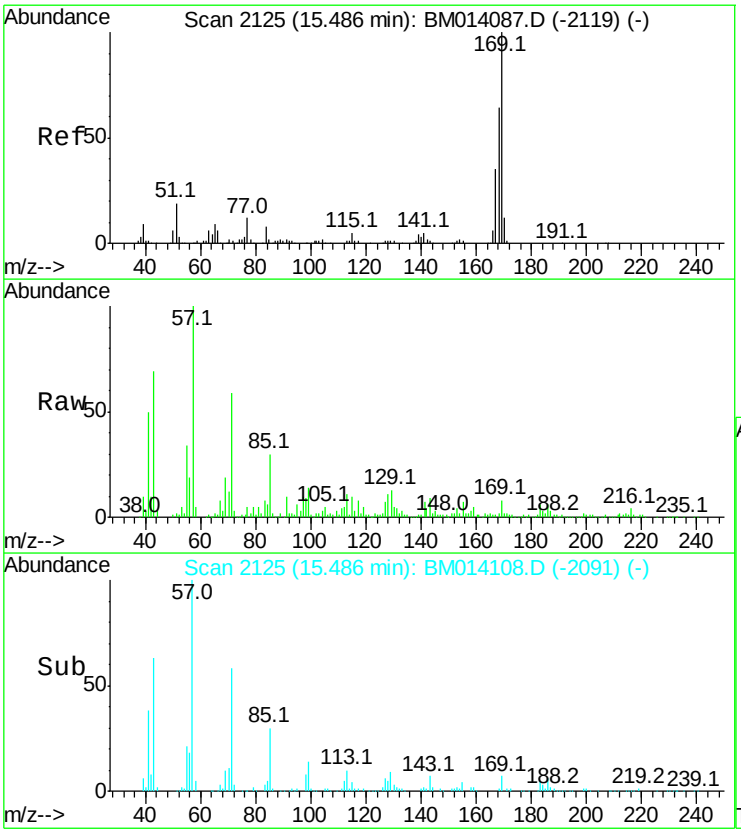
#58
Fluorene
Concen: 2.170 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 187770

Ion	Ratio	Lower	Upper
166	100		
165	108.4	77.9	116.9
167	53.1	10.6	16.0#

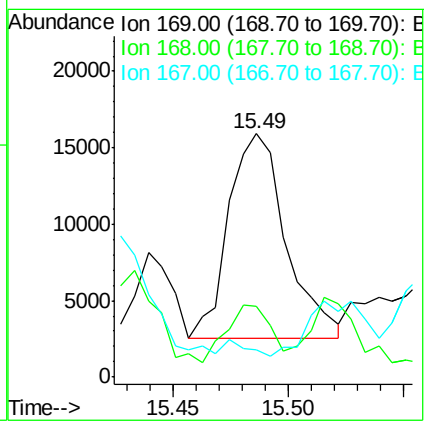


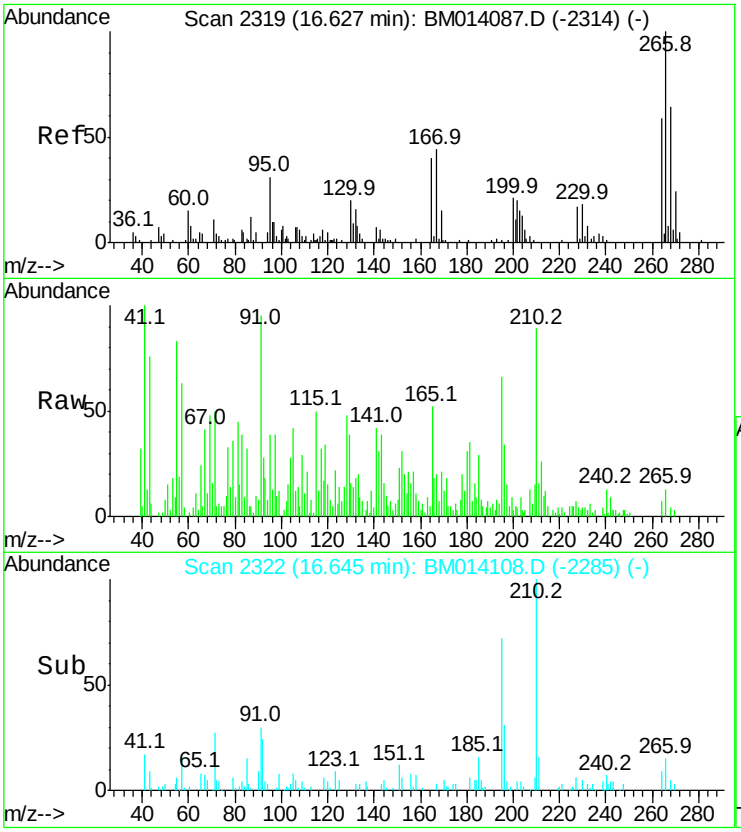


#64
N-Nitrosodiphenylamine
Concen: 1.259 ng/ul
RT: 15.49 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:169 Resp: 23116

Ion	Ratio	Lower	Upper
169	100		
168	29.3	54.0	81.0#
167	11.1	29.1	43.7#



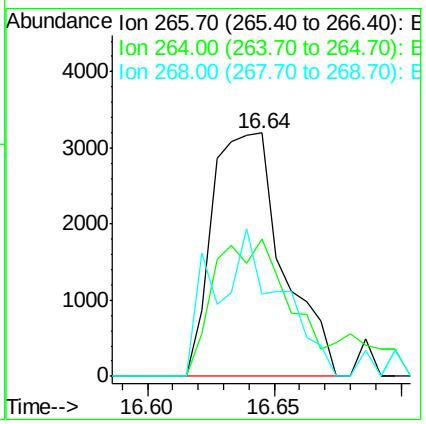


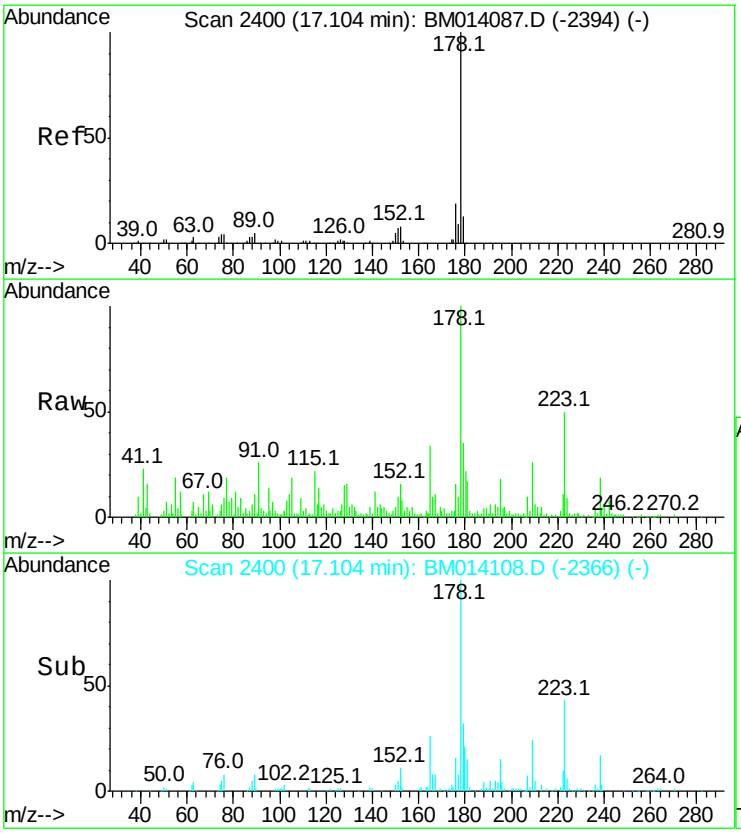
#68
Pentachlorophenol
Concen: 1.485 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.02 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 6188

Ion	Ratio	Lower	Upper
266	100		
264	56.2	49.3	73.9
268	33.7	52.6	78.8#

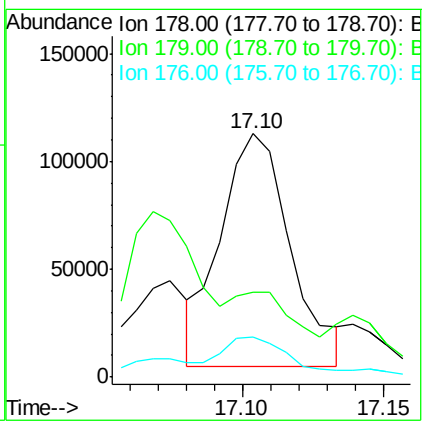


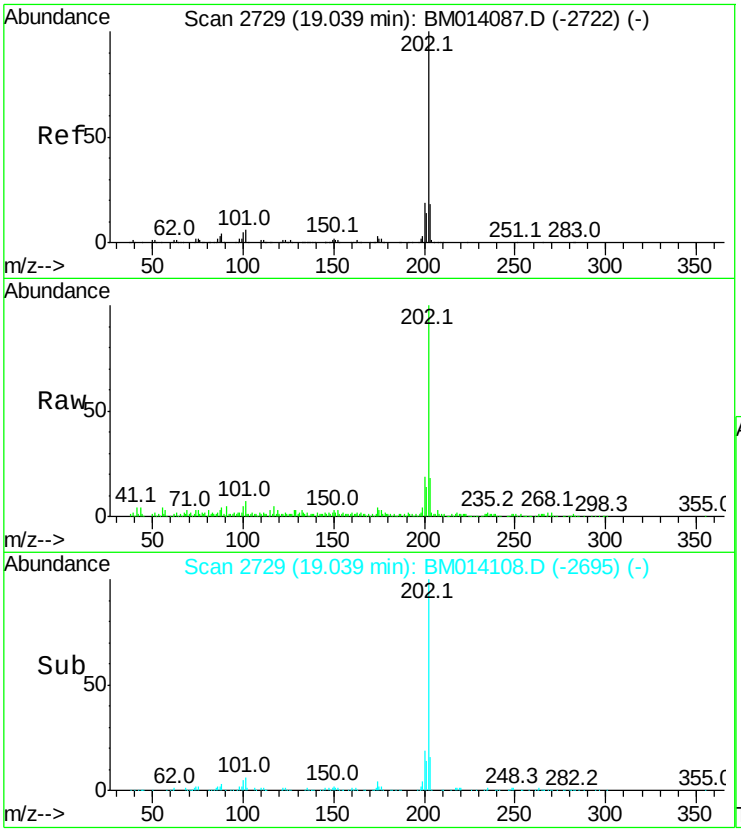


#71
Anthracene
Concen: 5.141 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:178 Resp: 186345

Ion	Ratio	Lower	Upper
178	100		
179	35.1	11.7	17.5#
176	16.3	14.6	21.8



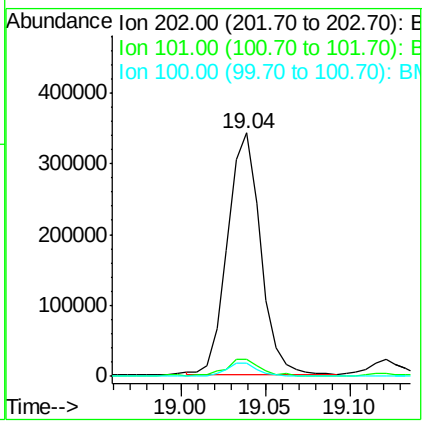


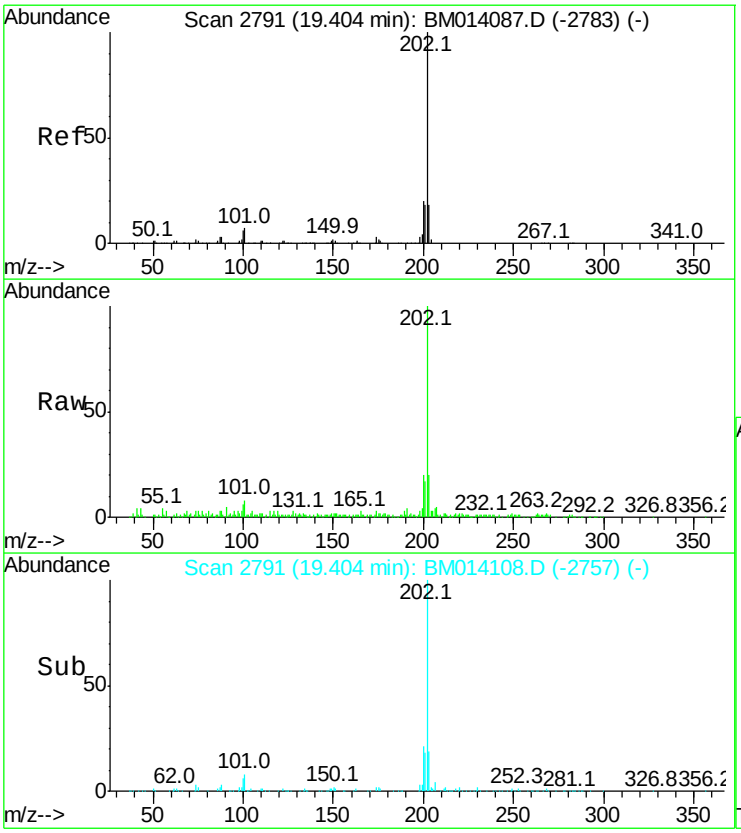
#74
Fluoranthene
Concen: 10.358 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 461043

Ion	Ratio	Lower	Upper
202	100		
101	7.2	4.6	7.0#
100	5.5	3.4	5.2#

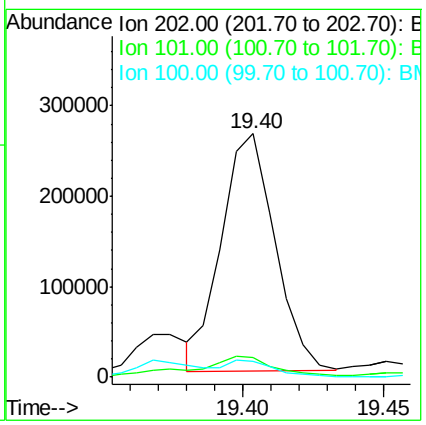


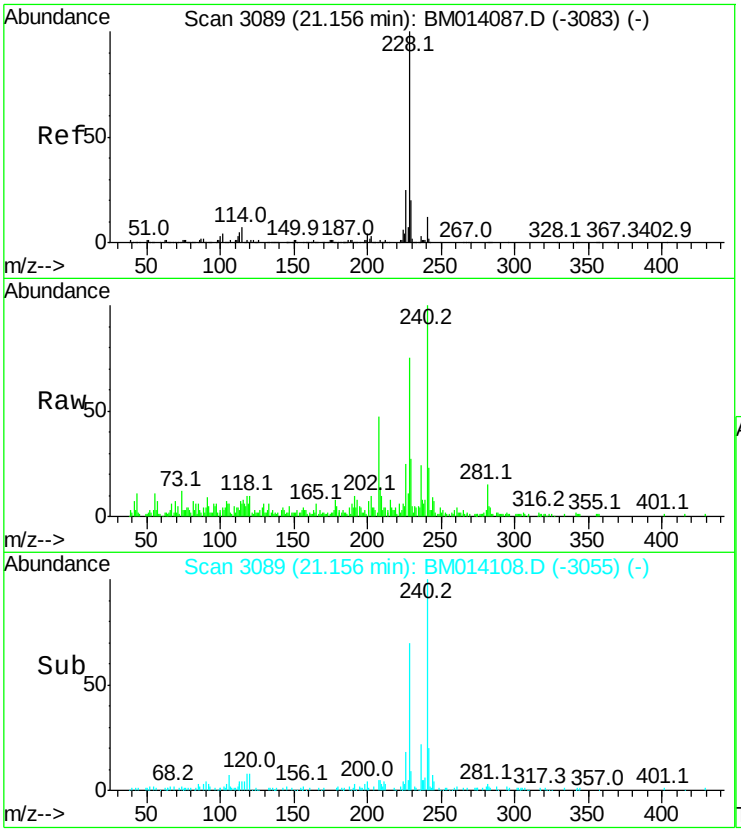


#77
Pyrene
Concen: 8.497 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:202 Resp: 347412

Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.1	7.7#
100	6.3	4.9	7.3



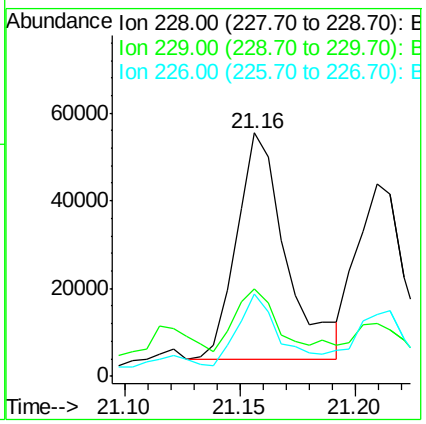


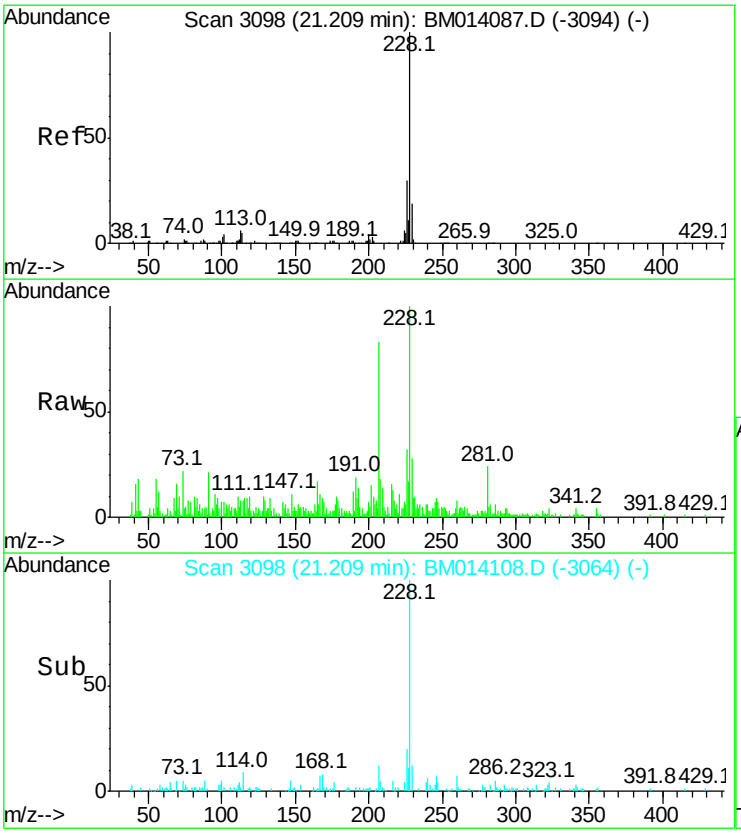
#80
Benzo(a)anthracene
Concen: 1.805 ng/ul
RT: 21.16 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 77034

Ion	Ratio	Lower	Upper
228	100		
229	35.7	15.4	23.0#
226	33.8	21.4	32.0#

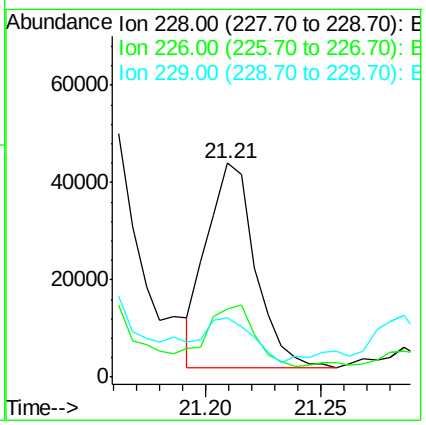


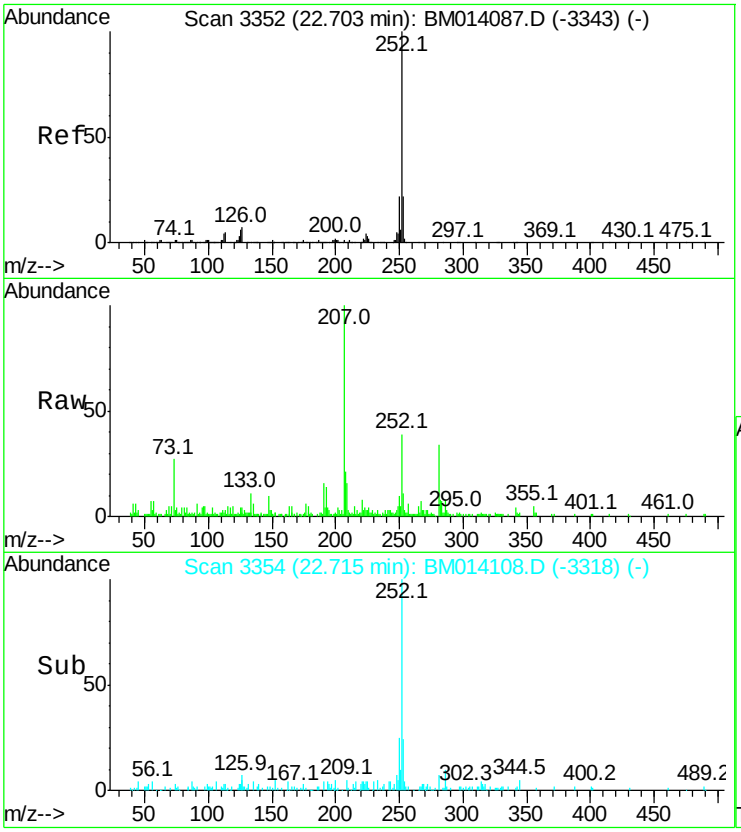


#82
Chrysene
Concen: 1.541 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:228 Resp: 61807

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.2
229	27.5	15.5	23.3#



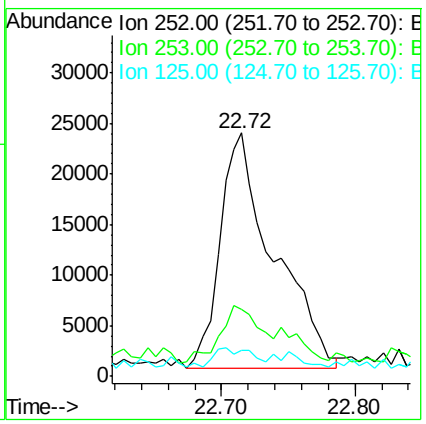


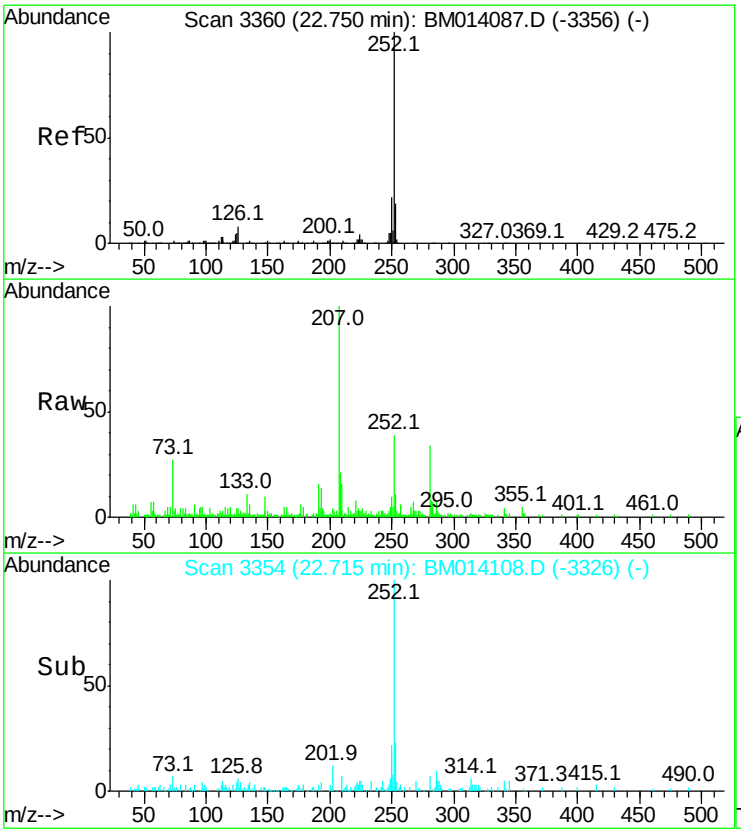
#85
Benzo(b)fluoranthene
Concen: 1.526 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. 0.01 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 65132

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.9	26.9#
125	10.5	3.6	5.4#





#86
Benzo(k)fluoranthene
Concen: 1.553 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:252 Resp: 65132

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.1	25.7#
125	10.5	3.4	5.2#