Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051920\
Data File : BM026034.D
Acq On : 19 May 2020 23:16
Operator : MA/SJ
Sample : L2681-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 20 02:26:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 19 10:05:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	197775	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	809756	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.15	164	503746	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	982299	20.00	ng/ul	0.02
78) Chrysene-d12	21.09	240	986244	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1014086	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	33181	5.06	ng/uL	0.00
5) Phenol-d5	6.69	99	120058	6.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	371336	29.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	333954	23.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	216031	15.98	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	226102	34.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	220511	33.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	357673	27.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	149362	11.23	ng/ul	-0.01
44) Dimethylphthalate-d6	13.57	166	1279217	31.67	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1516235	31.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	62129	8.68	ng/ul	0.00
58) Fluorene-d10	15.15	176	1106447	31.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	196528	34.31	ng/ul	0.01
71) Anthracene-d10	17.01	188	1677256	34.65	ng/ul	0.02
79) Pyrene-d10	19.30	212	1814563	35.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1890392	35.02	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.67	77	45439	3.892	ng/ul#	1
14) Acetophenone	8.30	105	445070	19.621	ng/ul#	32
17) Hexachloroethane	8.56	117	72020	10.968	ng/ul#	10
20) Nitrobenzene	8.68	77	50547	2.493	ng/ul#	12
30) 4-Chloroaniline	10.35	127	5277190	379.886	ng/ul#	17
34) 2-Methylnaphthalene	11.95	142	6087656	182.808	ng/ul	99
35) 1-Methylnaphthalene	12.17	142	5022953	162.580	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	956918	21.408	ng/ul	99
43) 2-Nitroaniline	13.17	65	20463	1.760	ng/ul#	37
45) Dimethylphthalate	13.62	163	183689	4.331	ng/ul	99
48) Acenaphthylene	13.87	152	252996	4.815	ng/ul#	35
50) Acenaphthene	14.21	153	709419	19.145	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	58918	5.109	ng/ul#	41
56) 2,3,4,6-Tetrachlorophenol	14.79	232	2418254	248.077	ng/ul#	98
59) Fluorene	15.20	166	1113348	26.429	ng/ul#	92
61) 4-Nitroaniline	15.20	138	13562	1.567	ng/ul#	40
64) 4,6-Dinitro-2-methylphenol	15.30	198	8443	1.400	ng/ul#	1
65) N-Nitrosodiphenylamine	15.43	169	436028	13.244	ng/ul#	57
69) Pentachlorophenol	16.62	266	20127935	2841.496	ng/ul	97
70) Phenanthrene	16.96	178	4828604	78.037	ng/ul	98
72) Anthracene	17.04	178	750410	12.088	ng/ul	98
77) Fluoranthene	18.96	202	526650	8.114	ng/ul	96
80) Pyrene	19.33	202	850186	12.279	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051920\
Data File : BM026034.D
Acq On : 19 May 2020 23:16
Operator : MA/SJ
Sample : L2681-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 20 02:26:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 19 10:05:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
83) Benzo(a)anthracene	21.07	228	103713	1.526 ng/ul#	82
85) Chrysene	21.13	228	113042	1.673 ng/ul#	85

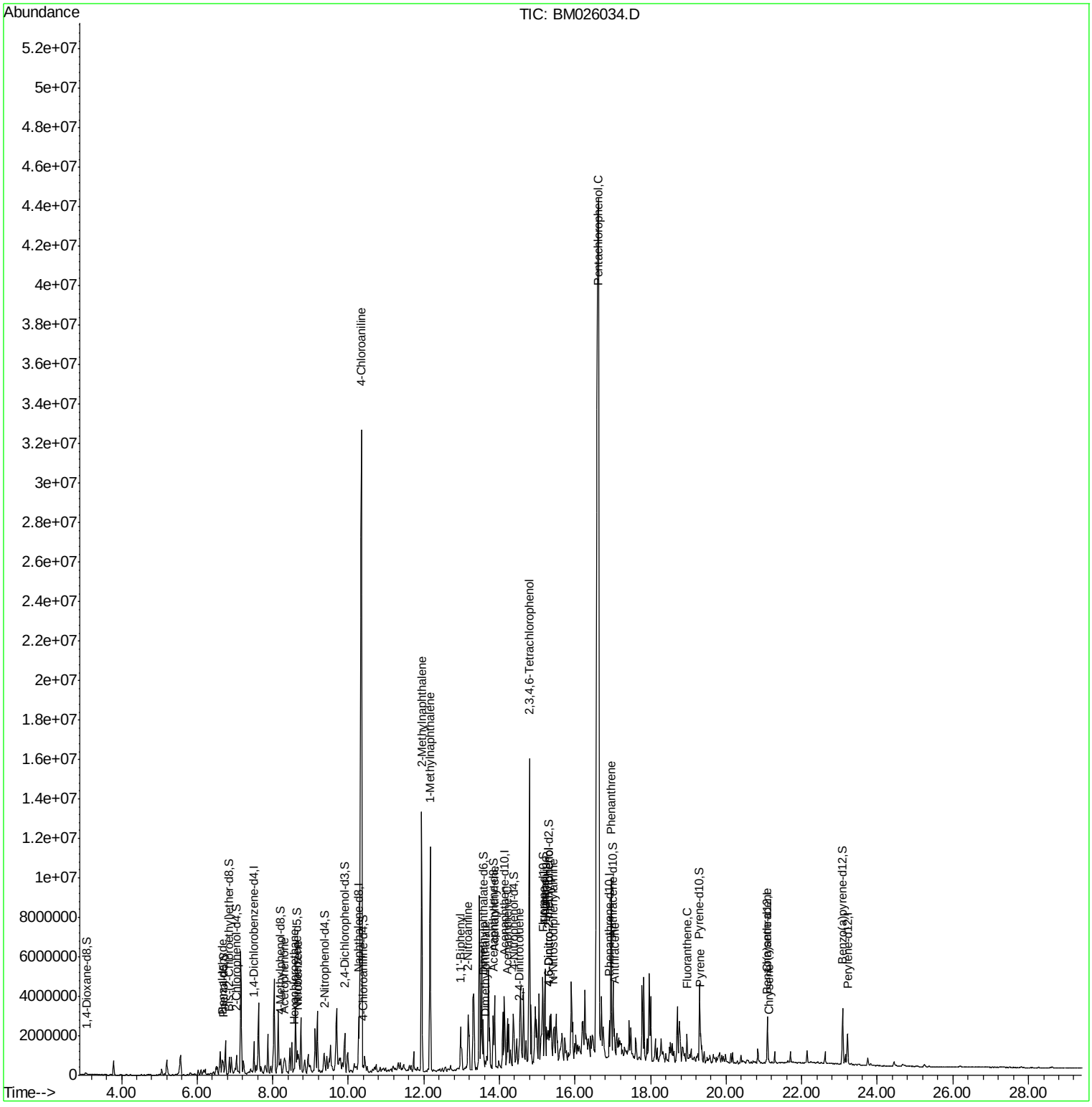
(#) = qualifier out of range (m) = manual integration (+) = signals summed

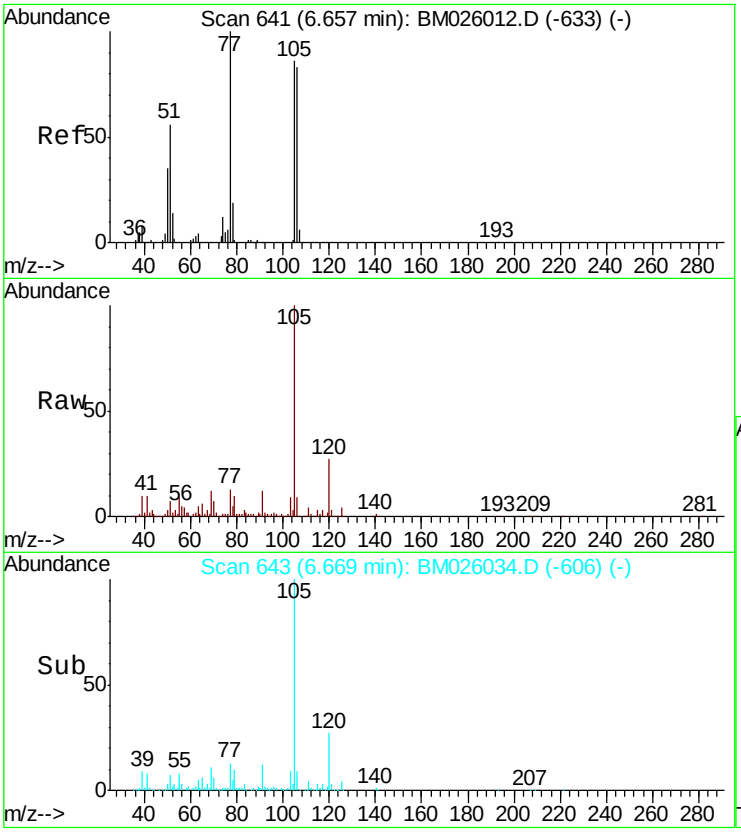
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051920\
Data File : BM026034.D
Acq On : 19 May 2020 23:16
Operator : MA/SJ
Sample : L2681-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 20 02:26:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 19 10:05:34 2020
Response via : Initial Calibration



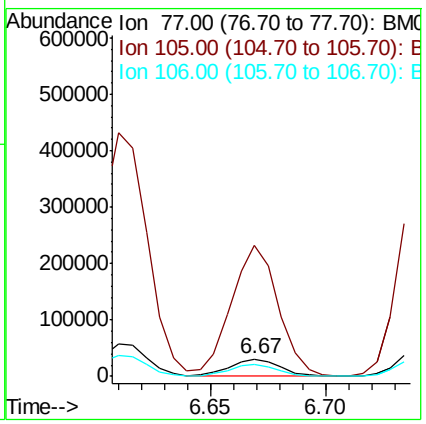


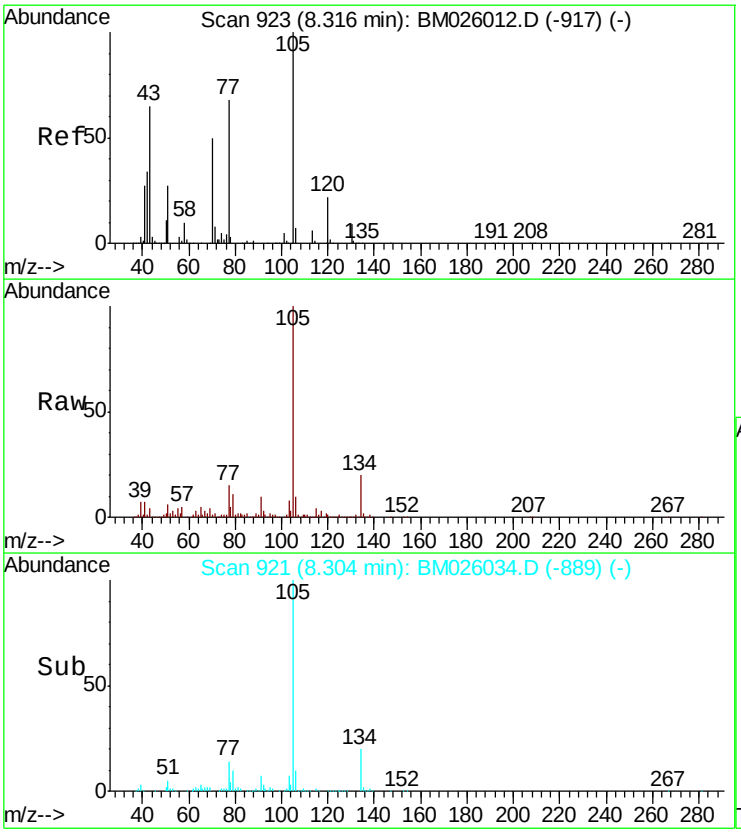
#4
Benzaldehyde
Concen: 3.892 ng/ul
RT: 6.67 min Scan# 643
Delta R.T. 0.02 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 45439

Ion	Ratio	Lower	Upper
77	100		
105	743.1	68.6	102.8#
106	66.8	63.4	95.0

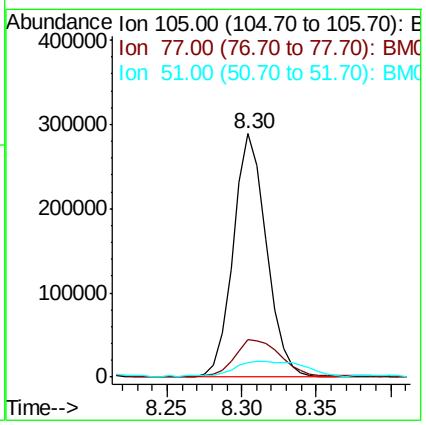


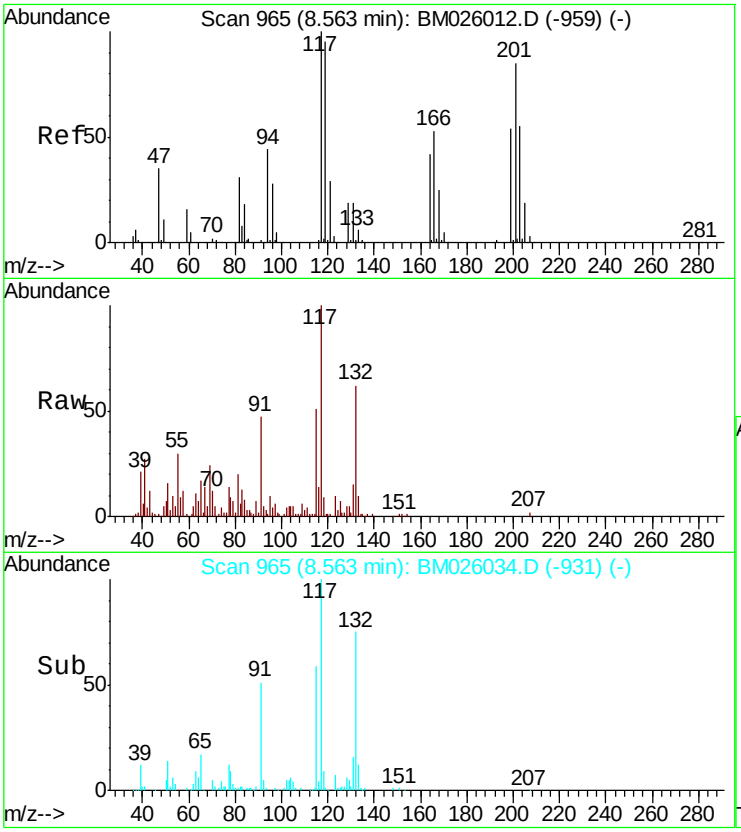


#14
Acetophenone
Concen: 19.621 ng/ul
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:105 Resp: 445070

Ion	Ratio	Lower	Upper
105	100		
77	15.3	67.2	100.8#
51	6.1	27.4	41.0#



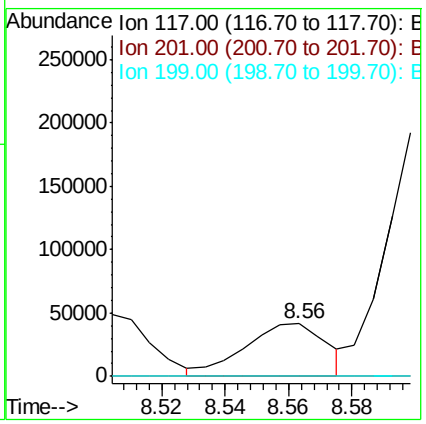


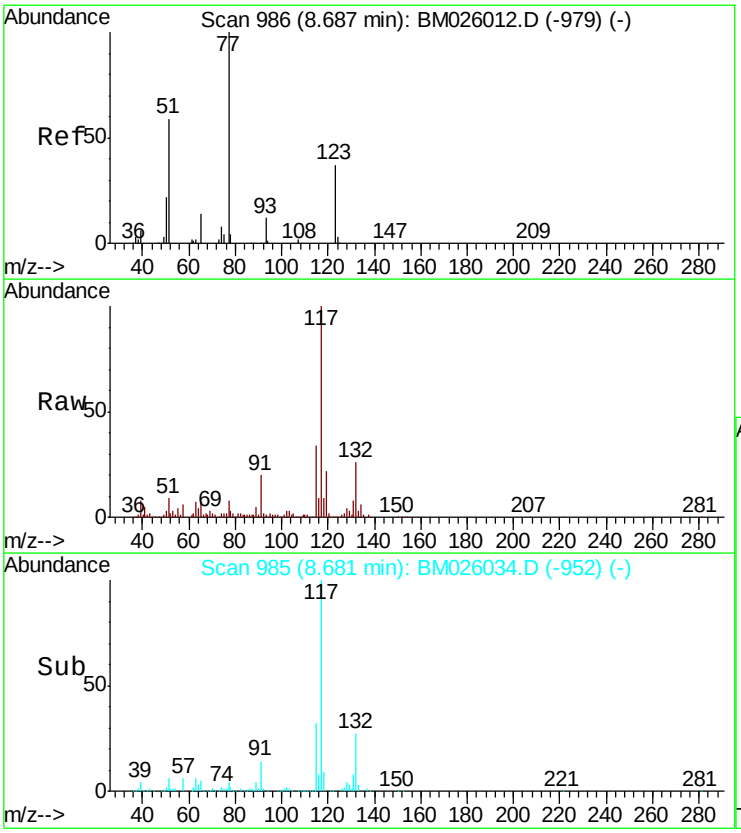
#17
Hexachloroethane
Concen: 10.968 ng/ul
RT: 8.56 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 72020

Ion	Ratio	Lower	Upper
117	100		
201	0.0	74.5	111.7#
199	0.0	45.9	68.9#

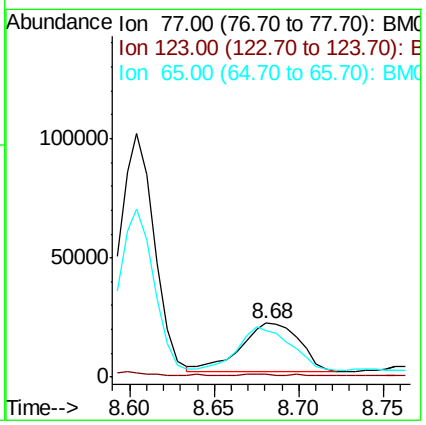


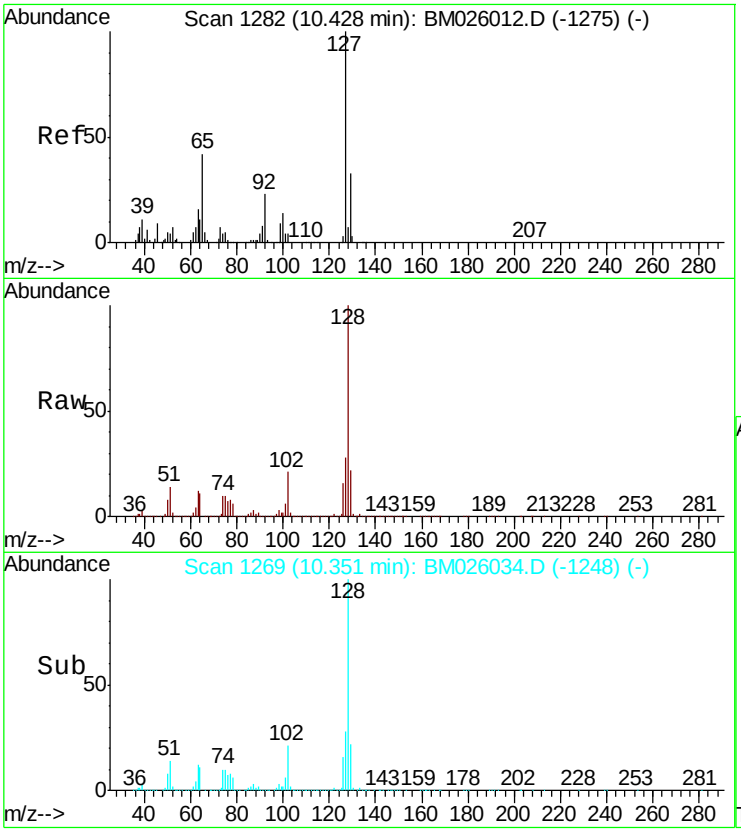


#20
Nitrobenzene
Concen: 2.493 ng/ul
RT: 8.68 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion: 77 Resp: 50547

Ion	Ratio	Lower	Upper
77	100		
123	5.2	29.5	44.3#
65	86.3	11.0	16.4#



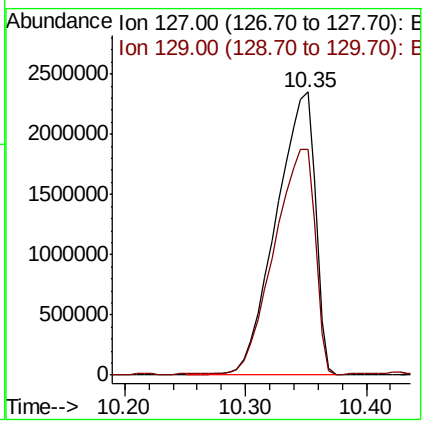


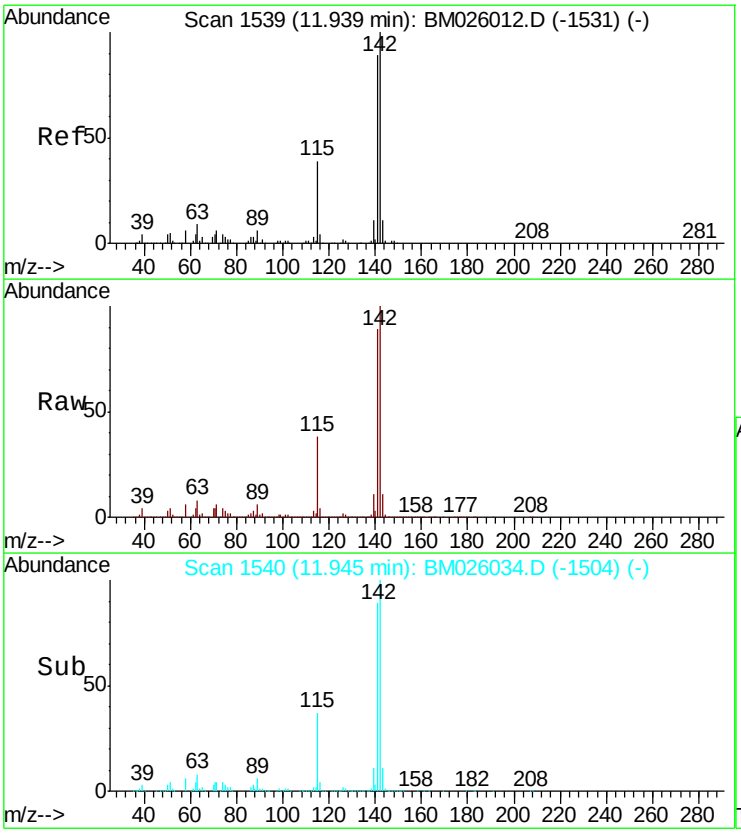
#30
4-Chloroaniline
Concen: 379.886 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. -0.08 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 5277190

Ion	Ratio	Lower	Upper
127	100		
129	79.7	26.2	39.2#

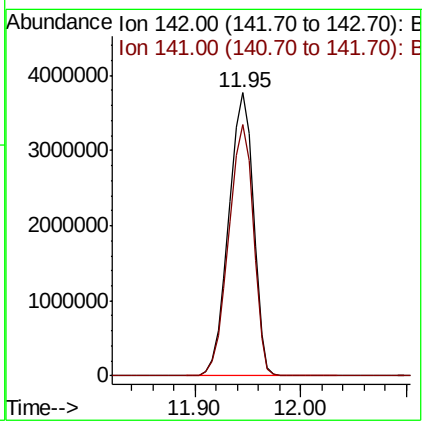


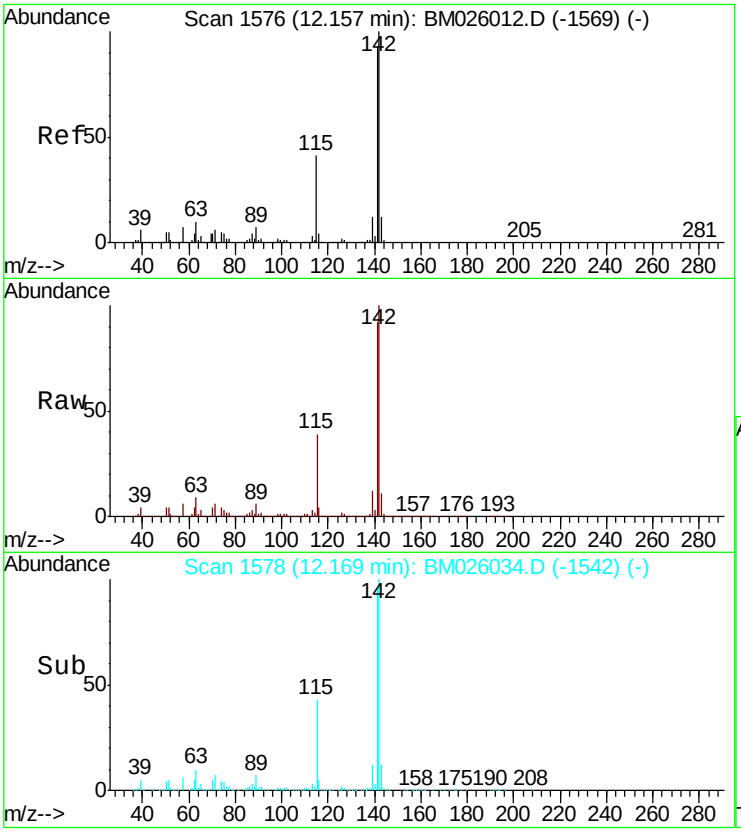


#34
2-Methylnaphthalene
Concen: 182.808 ng/ul
RT: 11.95 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:142 Resp: 6087656

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.8	107.6



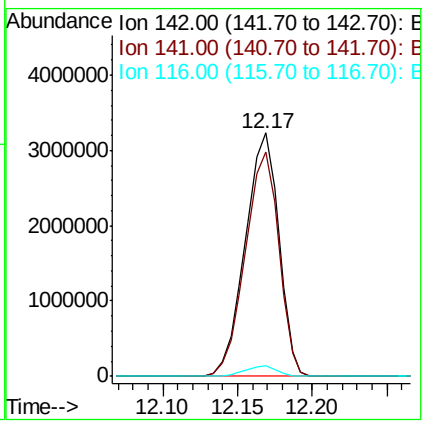


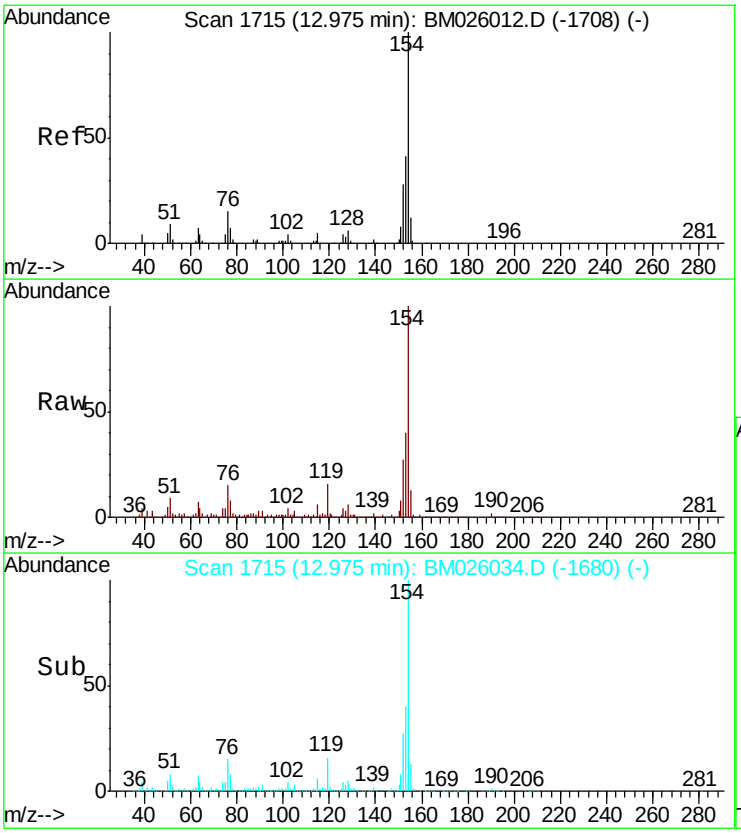
#35
1-Methylnaphthalene
Concen: 162.580 ng/ul
RT: 12.17 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 5022953

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.4
116	4.2	3.3	4.9

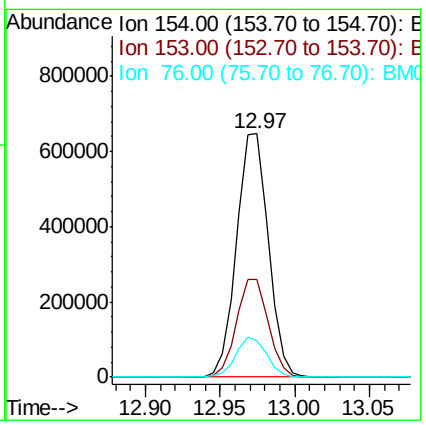


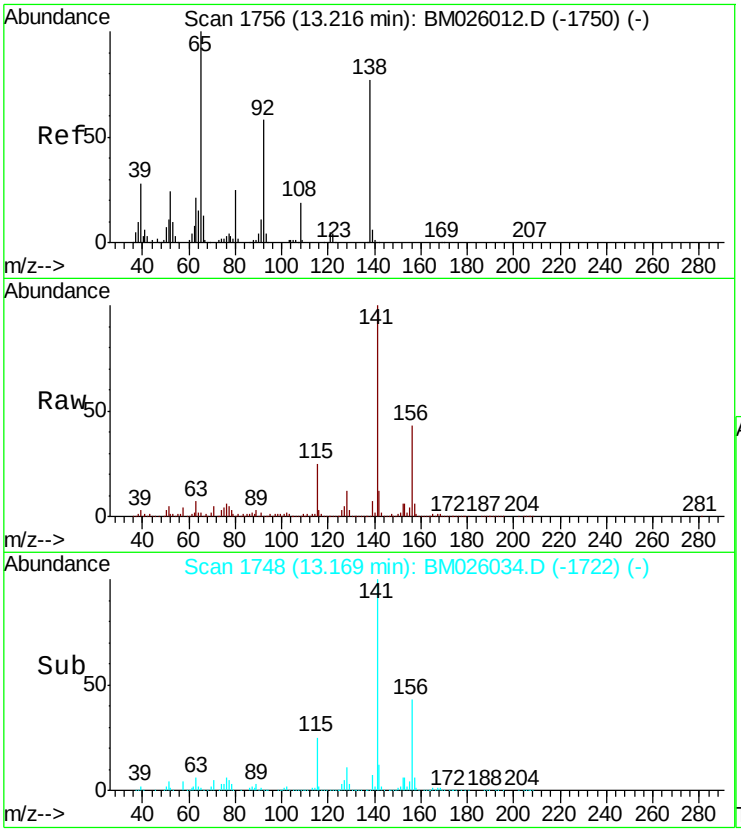


#41
1,1'-Biphenyl
Concen: 21.408 ng/ul
RT: 12.97 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:154 Resp: 956918

Ion	Ratio	Lower	Upper
154	100		
153	40.4	32.3	48.5
76	15.0	13.0	19.6



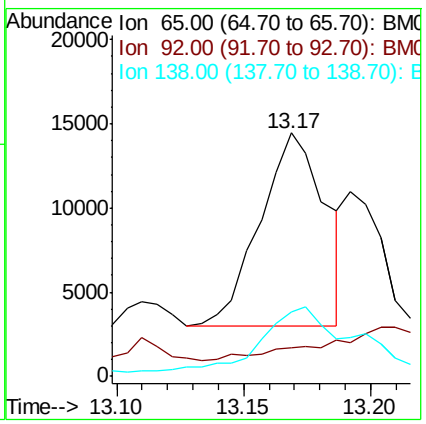


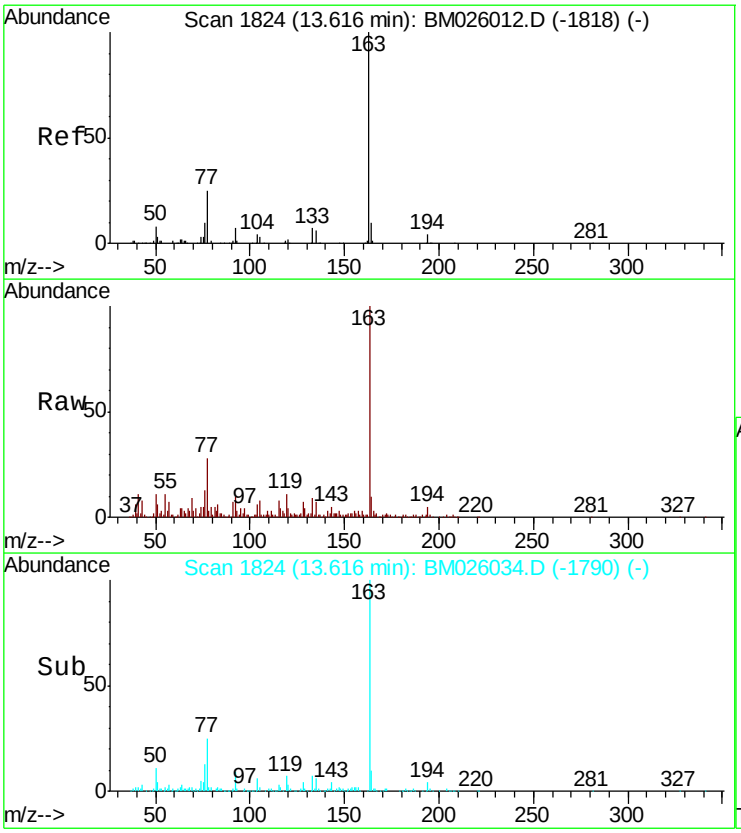
#43
2-Nitroaniline
Concen: 1.760 ng/ul
RT: 13.17 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 20463

Ion	Ratio	Lower	Upper
65	100		
92	11.9	49.4	74.2#
138	26.6	65.9	98.9#

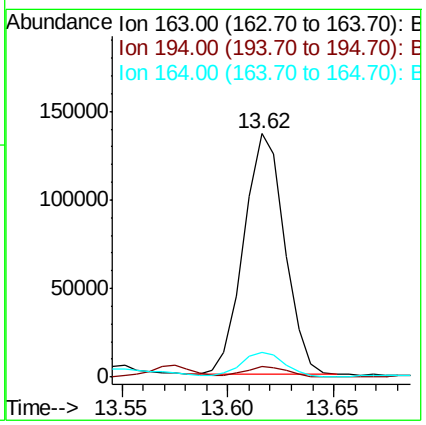


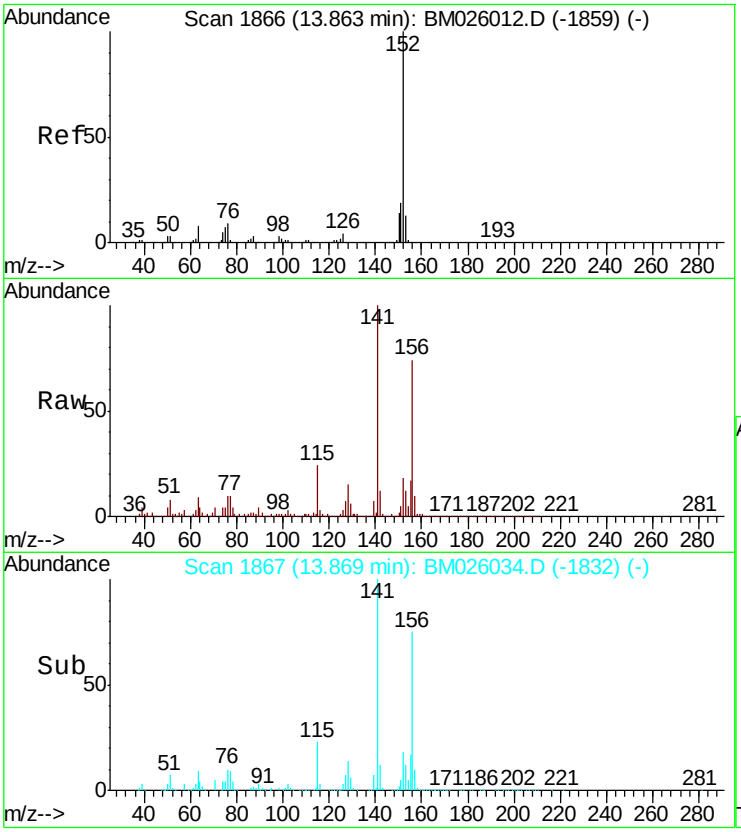


#45
Dimethylphthalate
Concen: 4.331 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:163 Resp: 183689

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.4	8.0	12.0



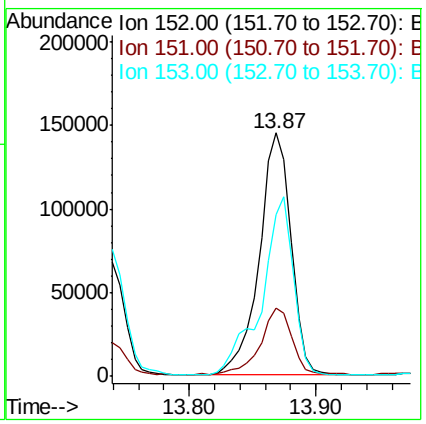


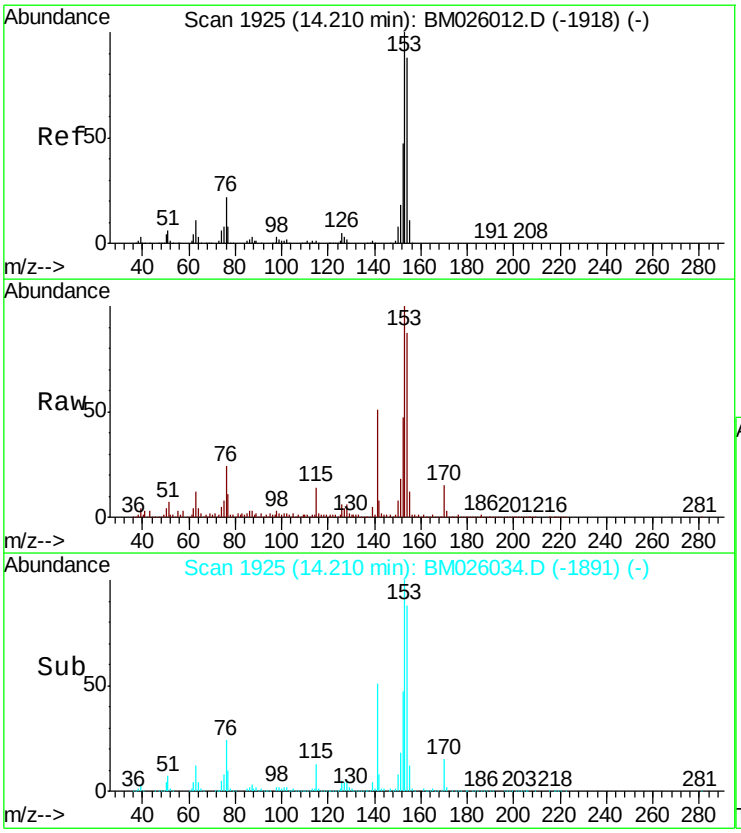
#48
Acenaphthylene
Concen: 4.815 ng/ul
RT: 13.87 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 252996

Ion	Ratio	Lower	Upper
152	100		
151	28.2	15.7	23.5#
153	66.4	10.2	15.2#

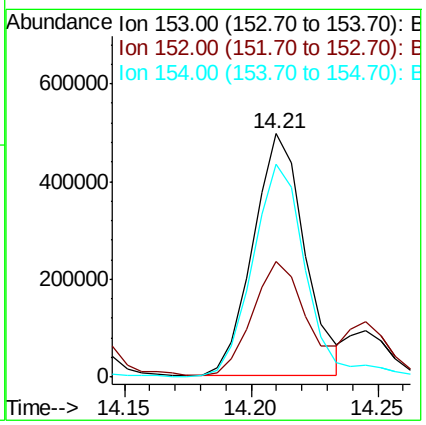


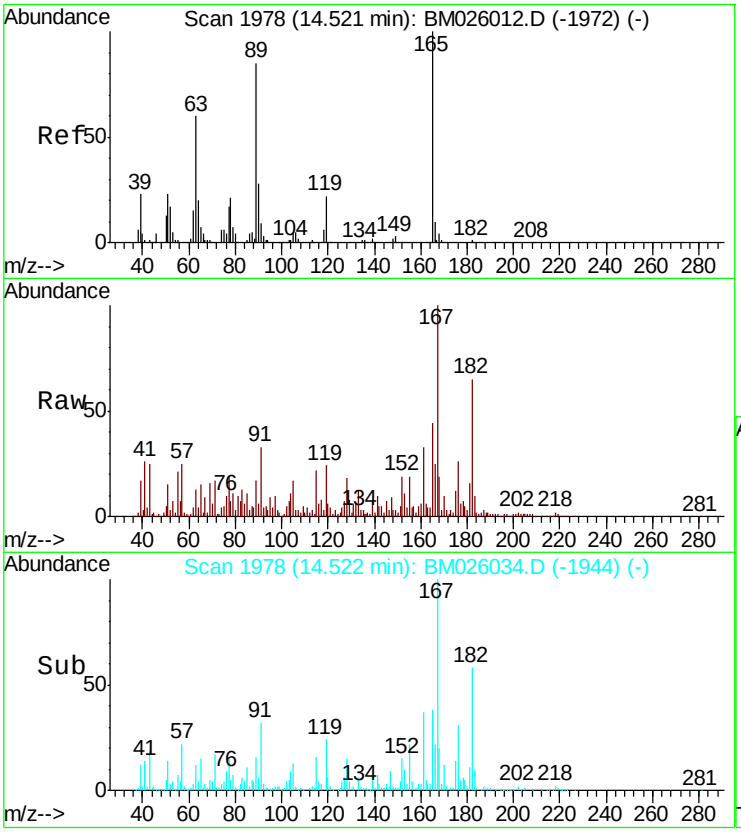


#50
Acenaphthene
Concen: 19.145 ng/ul
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:153 Resp: 709419

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.2	55.8
154	87.4	69.8	104.8



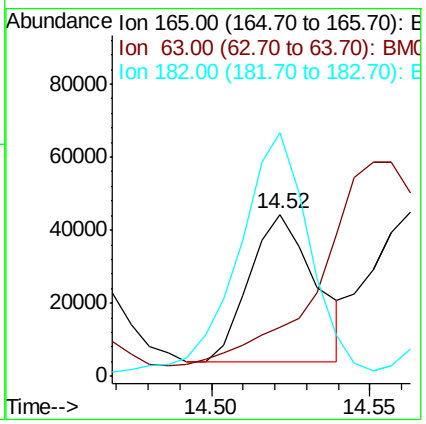


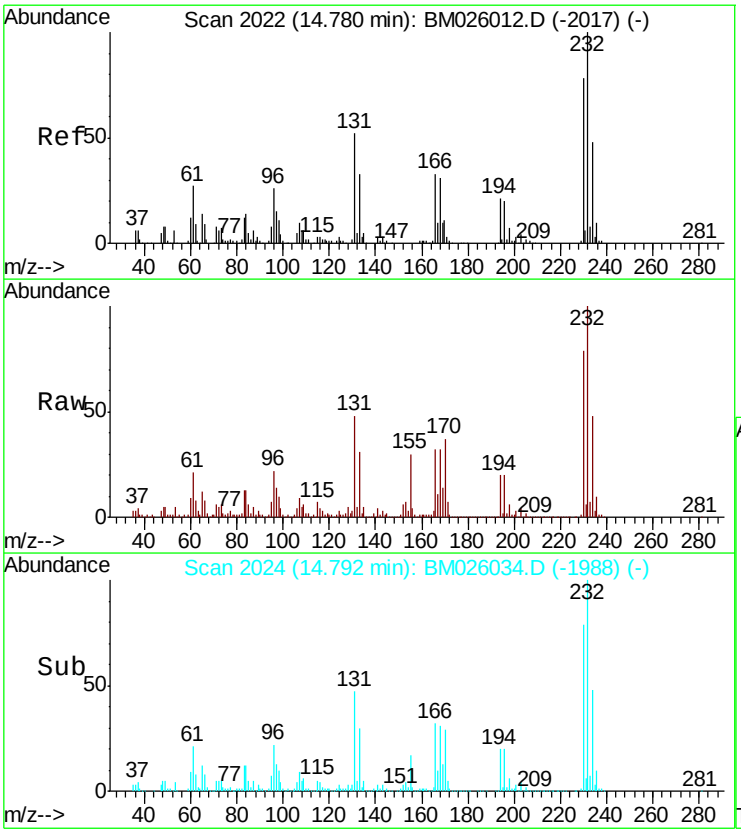
#55
2,4-Dinitrotoluene
Concen: 5.109 ng/ul
RT: 14.52 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 58918

Ion	Ratio	Lower	Upper
165	100		
63	30.3	46.8	70.2#
182	150.4	2.6	3.8#

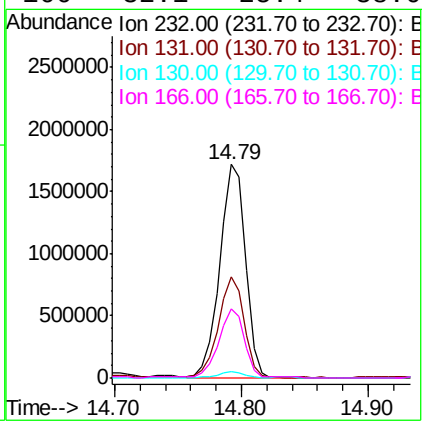


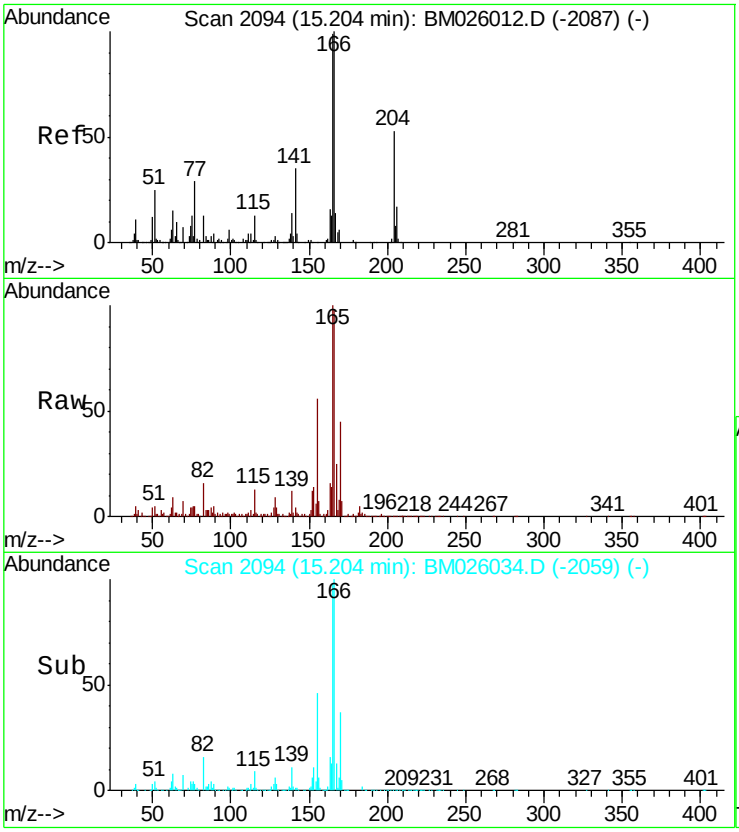


#56
2,3,4,6-Tetrachlorophenol
Concen: 248.077 ng/ul
RT: 14.79 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:232 Resp: 2418254

Ion	Ratio	Lower	Upper
232	100		
131	47.6	37.0	55.4
130	2.8	1.8	2.8#
166	32.1	25.4	38.0



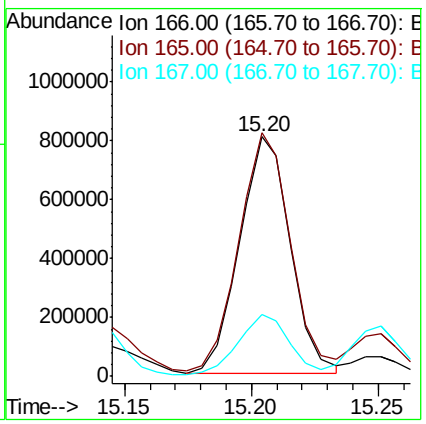


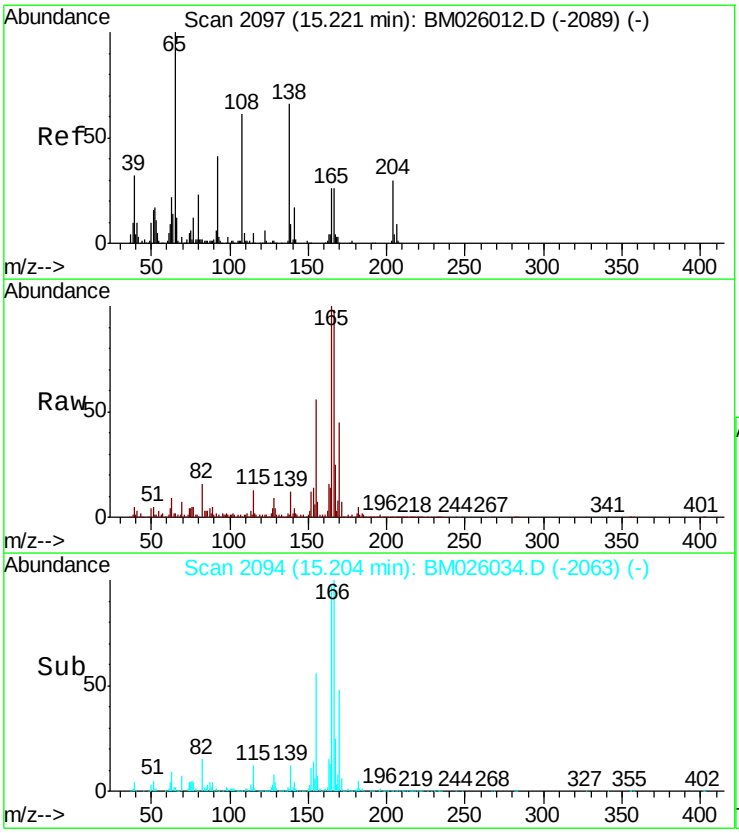
#59
Fluorene
Concen: 26.429 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1113348

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.3	115.9
167	25.9	10.6	16.0#

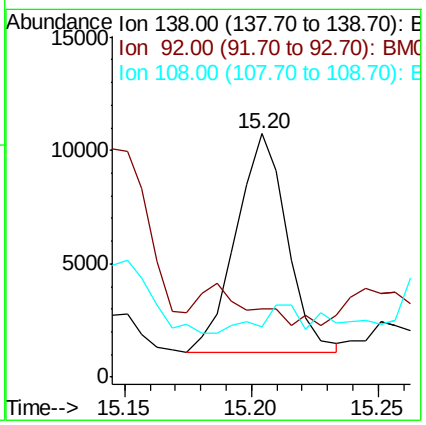


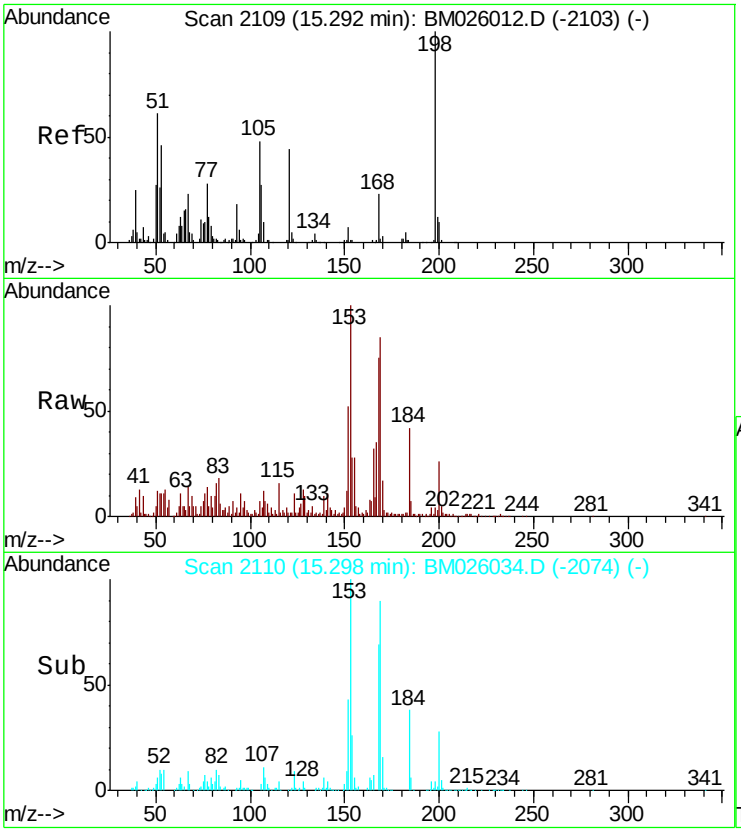


#61
4-Nitroaniline
Concen: 1.567 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:138 Resp: 13562

Ion	Ratio	Lower	Upper
138	100		
92	27.9	49.4	74.2#
108	20.4	68.3	102.5#



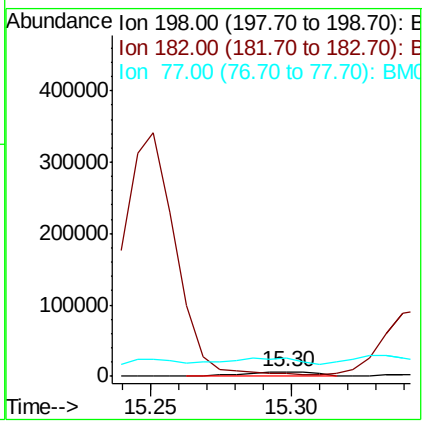


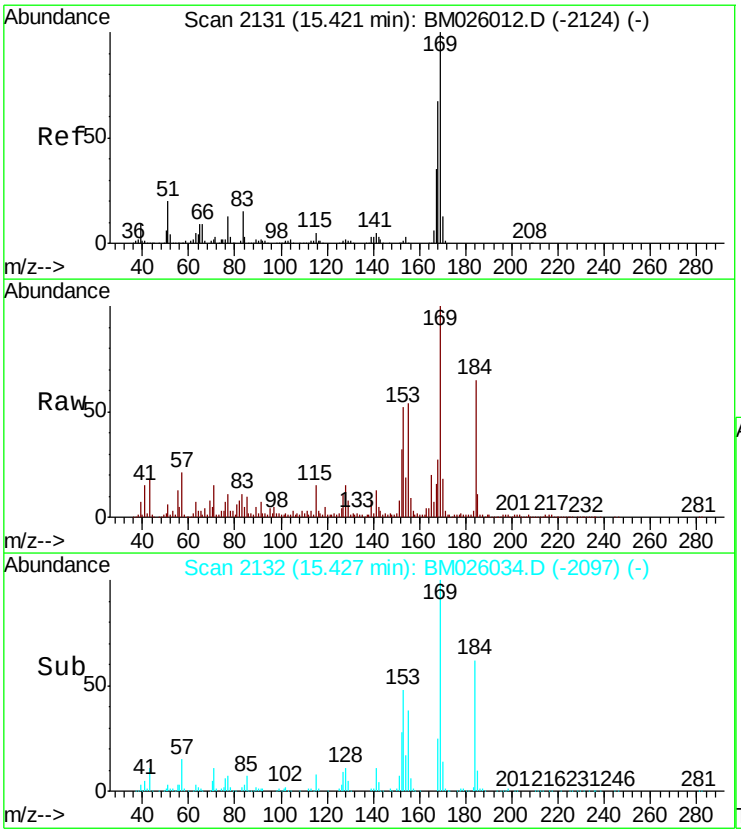
#64
4,6-Dinitro-2-methylphenol
Concen: 1.400 ng/ul
RT: 15.30 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 8443

Ion	Ratio	Lower	Upper
198	100		
182	56.9	3.8	5.8#
77	372.0	27.0	40.4#

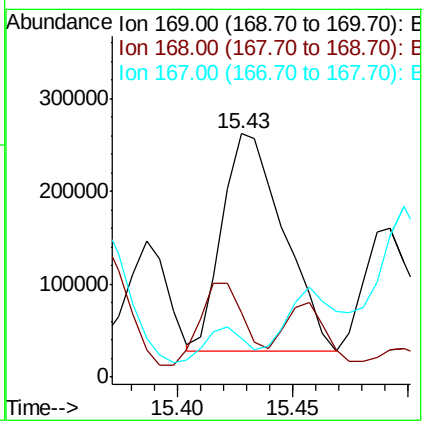


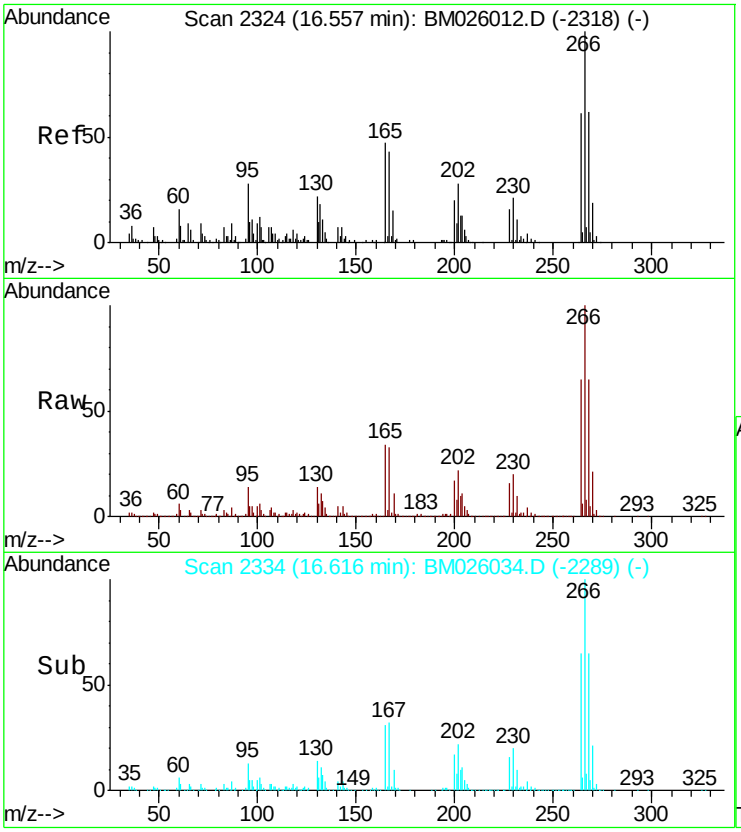


#65
N-Nitrosodiphenylamine
Concen: 13.244 ng/ul
RT: 15.43 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:169 Resp: 436028

Ion	Ratio	Lower	Upper
169	100		
168	26.6	52.6	78.8#
167	16.1	27.7	41.5#



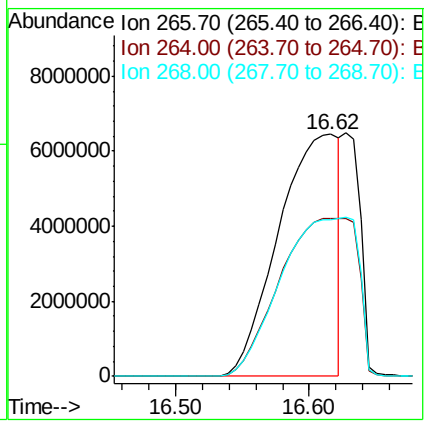


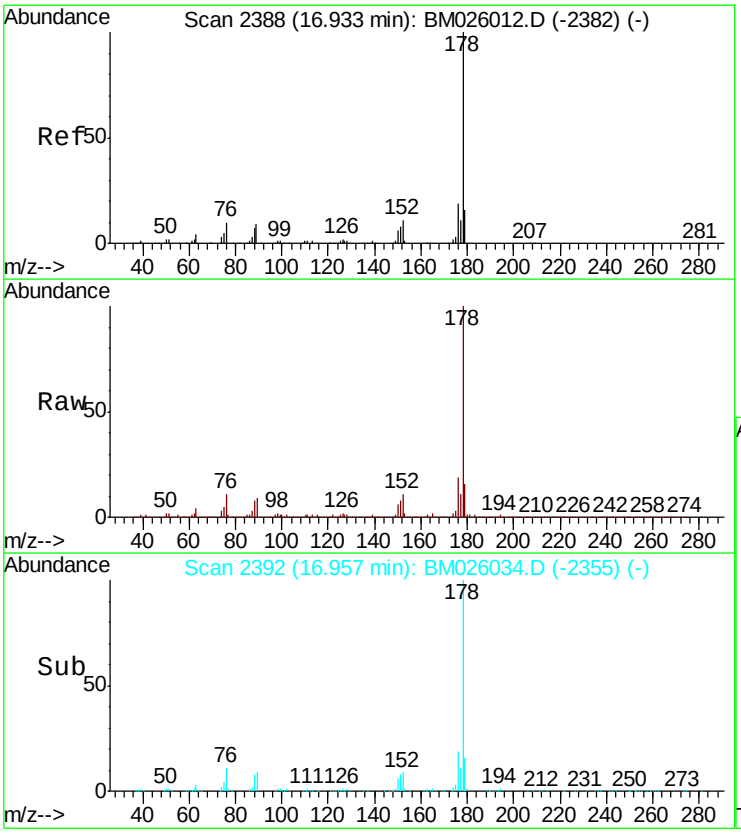
#69
Pentachlorophenol
Concen: 2841.496 ng/ul
RT: 16.62 min Scan# 2334
Delta R.T. 0.06 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp:20127935

Ion	Ratio	Lower	Upper
266	100		
264	65.2	49.3	73.9
268	64.9	52.4	78.6

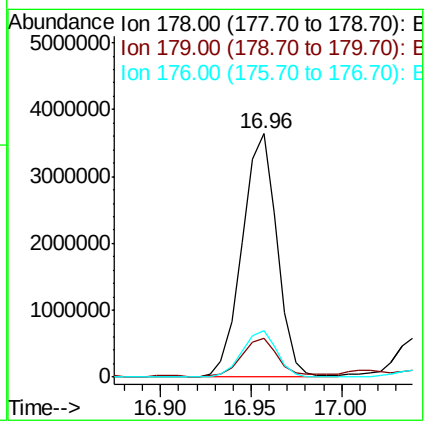


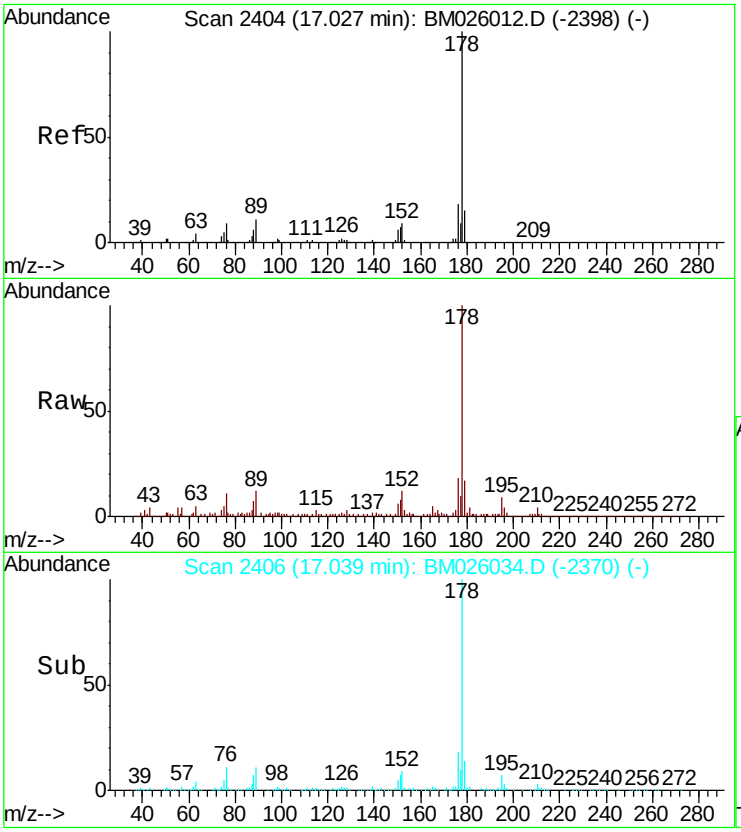


#70
Phenanthrene
Concen: 78.037 ng/ul
RT: 16.96 min Scan# 2392
Delta R.T. 0.02 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:178 Resp: 4828604

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.9	17.9
176	19.2	14.9	22.3



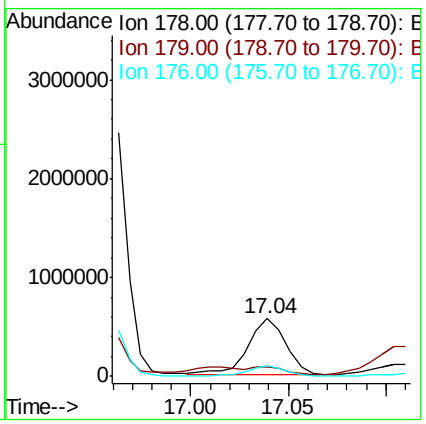


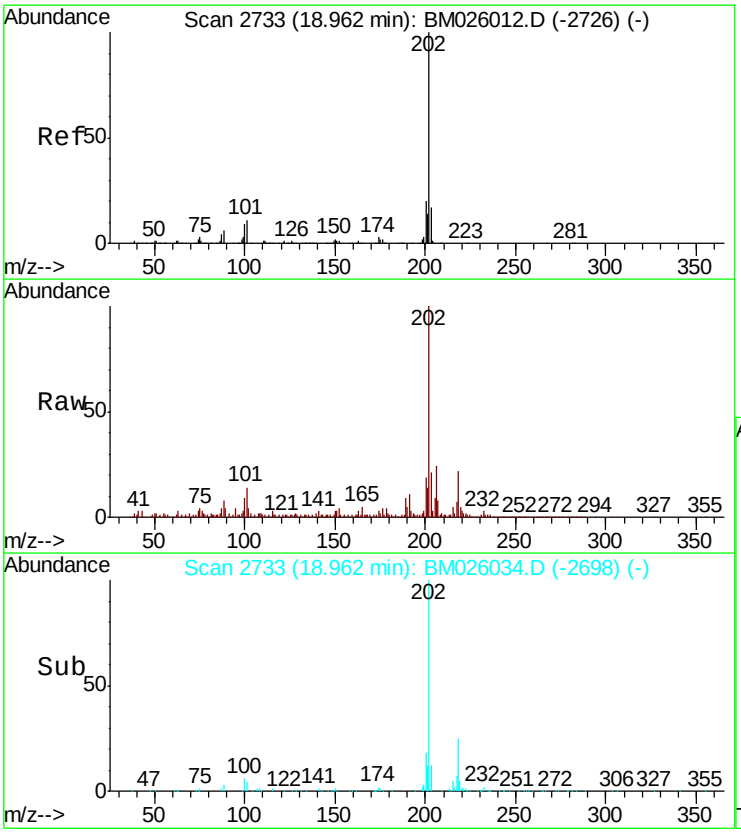
#72
Anthracene
Concen: 12.088 ng/ul
RT: 17.04 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 750410

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.2	18.4
176	18.3	14.9	22.3

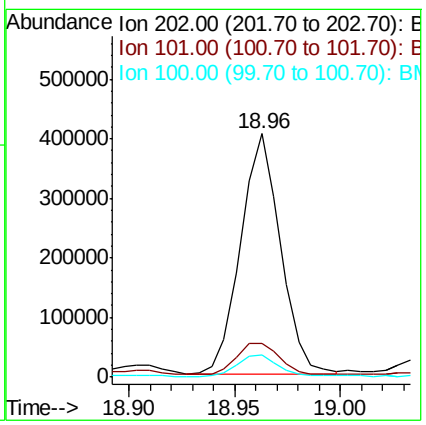


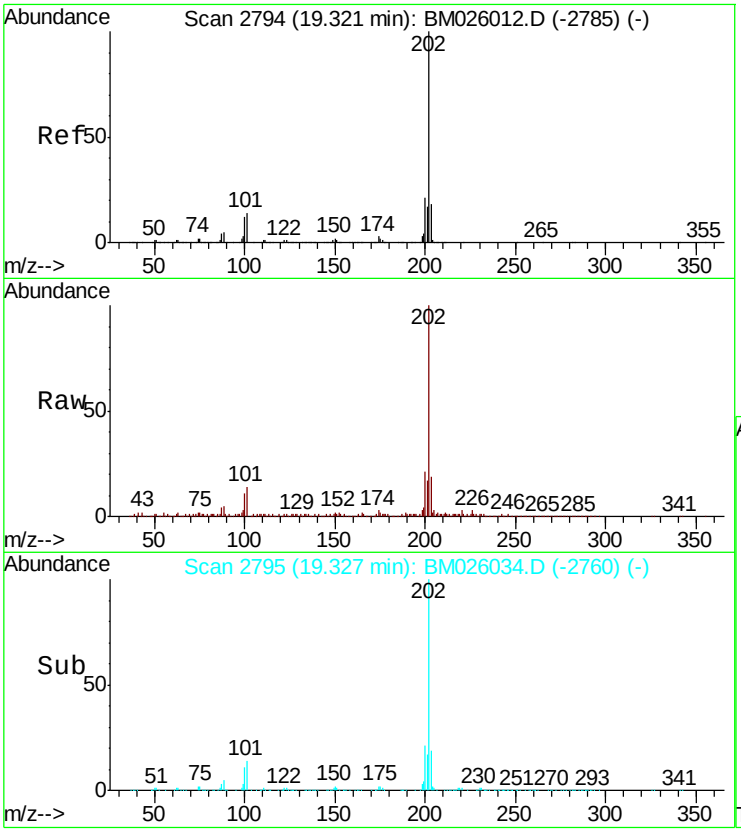


#77
Fluoranthene
Concen: 8.114 ng/ul
RT: 18.96 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:202 Resp: 526650

Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.5	14.3
100	9.1	7.6	11.4



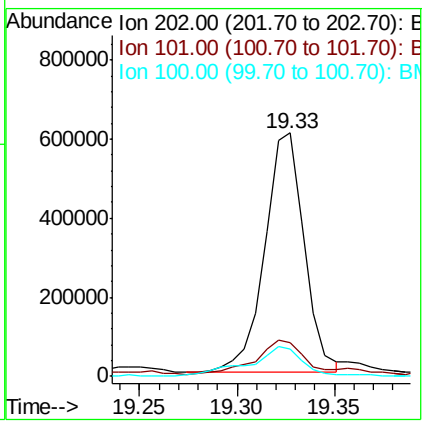


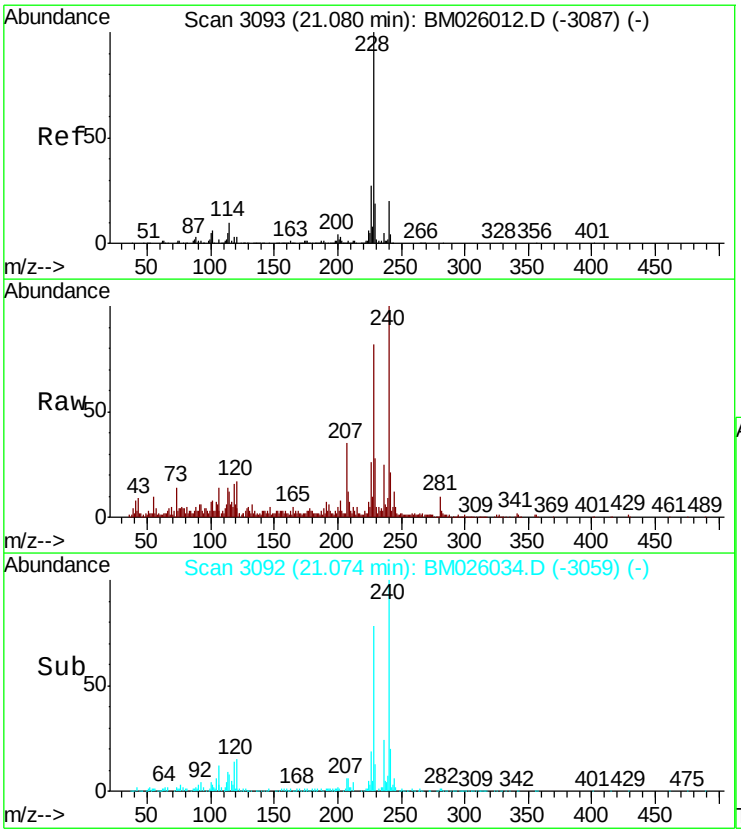
#80
Pyrene
Concen: 12.279 ng/ul
RT: 19.33 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 850186

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.2	18.4
100	11.5	10.2	15.4

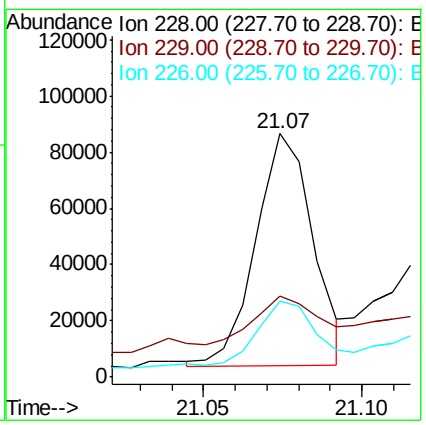


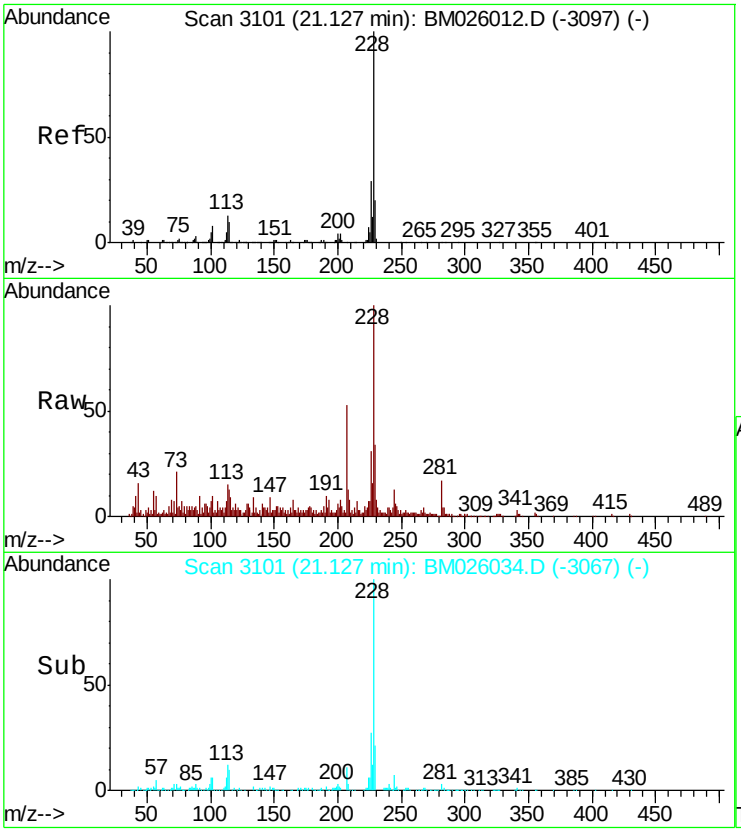


#83
Benzo(a)anthracene
Concen: 1.526 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Tgt Ion:228 Resp: 103713

Ion	Ratio	Lower	Upper
228	100		
229	33.5	15.5	23.3#
226	31.0	21.2	31.8





#85
Chrysene
Concen: 1.673 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM026034.D
Acq: 19 May 2020 23:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 113042

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.6
229	34.3	15.5	23.3#