Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090819\

Quantitation Report (Not Reviewed)

Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Time: Sep 09 08:11:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	498736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	2004863	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.49	164	1403656	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2802855	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	2842148	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	3048324	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	54065	4.52	ng/uL	0.00
5) Phenol-d5	7.01	99	338417	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	738002	27.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	839179	23.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	594908	15.91	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	463440	32.04	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	501177	37.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	1004619	29.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	346057	7.74	ng/ul	0.05
44) Dimethylphthalate-d6	13.90	166	3445598	30.29	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	3979432	29.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	191377	9.85	ng/ul	0.00
58) Fluorene-d10	15.48	176	2955602	31.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	508240	39.89	ng/ul	0.00
71) Anthracene-d10	17.32	188	4596929	32.02	ng/ul	0.00
79) Pyrene-d10	19.61	212	5172813	32.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	5452393	33.28	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.01	77	253938	10.570	ng/ul#	1
6) Phenol	7.04	94	134452	2.797	ng/ul	100
14) Acetophenone	8.67	105	145484	2.493	ng/ul#	55
16) 4-Methylphenol	8.61	108	174467	4.307	ng/ul	91
17) Hexachloroethane	8.97	117	833875	55.110	ng/ul#	9
20) Nitrobenzene	9.05	77	187697	5.187	ng/ul#	1
30) 4-Chloroaniline	10.72	127	6990694	152.135	ng/ul#	6
34) 2-Methylnaphthalene	12.33	142	19083810	227.884	ng/ul	98
35) 1-Methylnaphthalene	12.56	142	16707701	208.815	ng/ul#	97
41) 1,1'-Biphenyl	13.33	154	5670765	48.516	ng/ul	99
45) Dimethylphthalate	13.95	163	278013	2.408	ng/ul	100
48) Acenaphthylene	14.21	152	682647	4.832	ng/ul#	95
50) Acenaphthene	14.56	153	9039242	92.344	ng/ul	98
54) Dibenzofuran	14.89	168	10390497	76.484	ng/ul	95
59) Fluorene	15.54	166	6250377	55.924	ng/ul	99
61) 4-Nitroaniline	15.54	138	81607	3.513	ng/ul#	24
69) Pentachlorophenol	16.87	266	134632	6.323	ng/ul	98
70) Phenanthrene	17.27	178	8934258	52.059	ng/ul	96
72) Anthracene	17.36	178	640964	3.636	ng/ul	99
75) Carbazole	17.62	167	3539455	22.339	ng/ul	100
77) Fluoranthene	19.27	202	2501828	12.846	ng/ul	98
80) Pyrene	19.64	202	1520523	7.392	ng/ul	100
83) Benzo(a)anthracene	21.38	228	323573	1.535	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090819\

Quantitation Report (Not Reviewed)

Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Time: Sep 09 08:11:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Chrysene	21.38	228	323573	1.668	ng/ul	95
88) Benzo(b)fluoranthene	22.99	252	278467	1.389	ng/ul#	96
89) Benzo(k)fluoranthene	22.99	252	278467	1.429	ng/ul	95

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

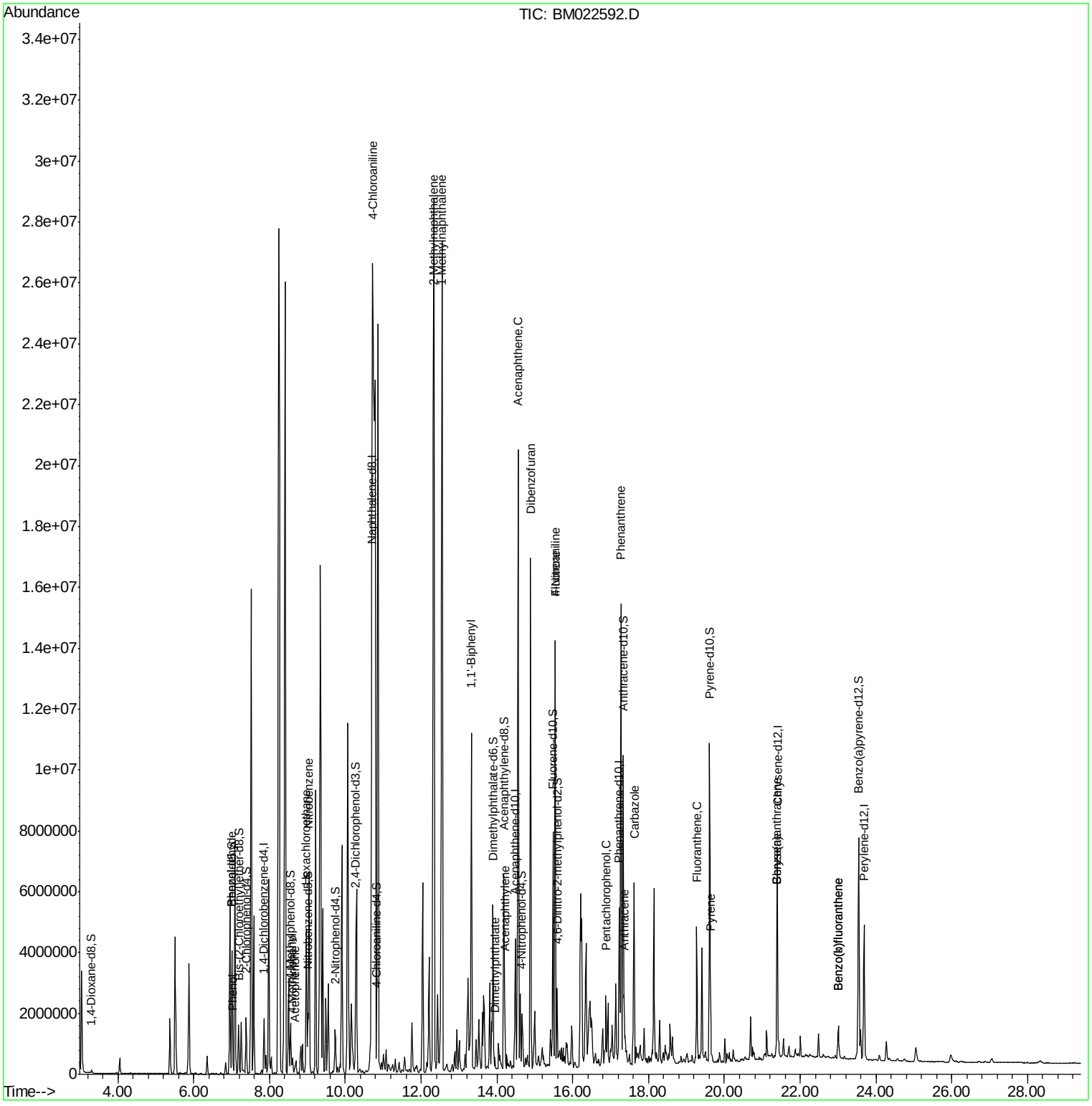
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090819\

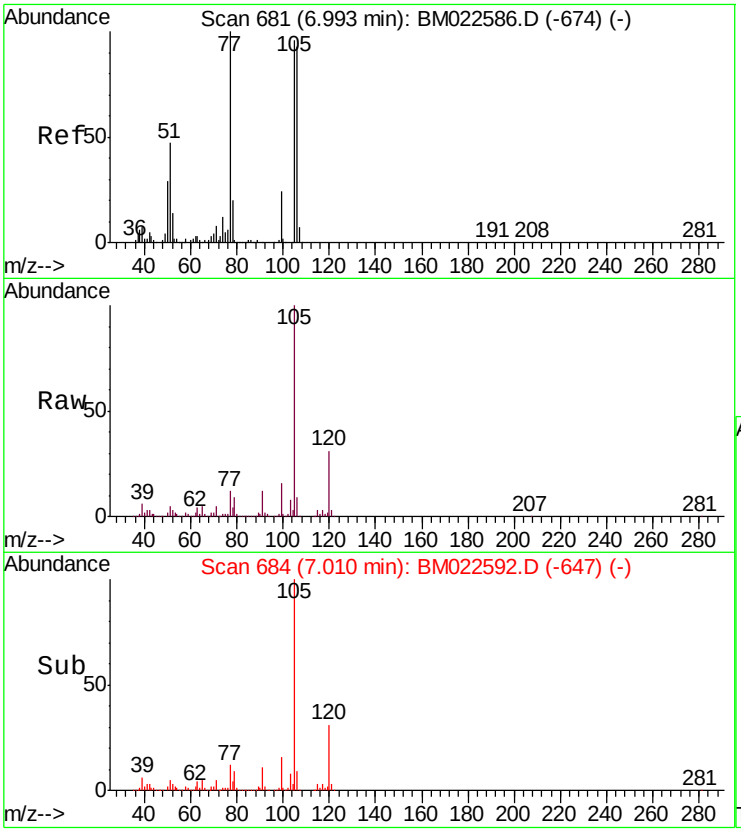
Quantitation Report (Not Reviewed)

Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF568

Quant Time: Sep 09 08:11:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration



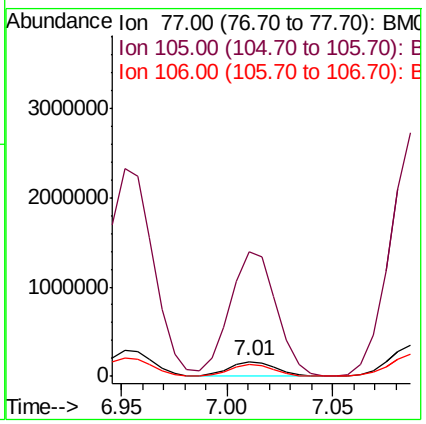


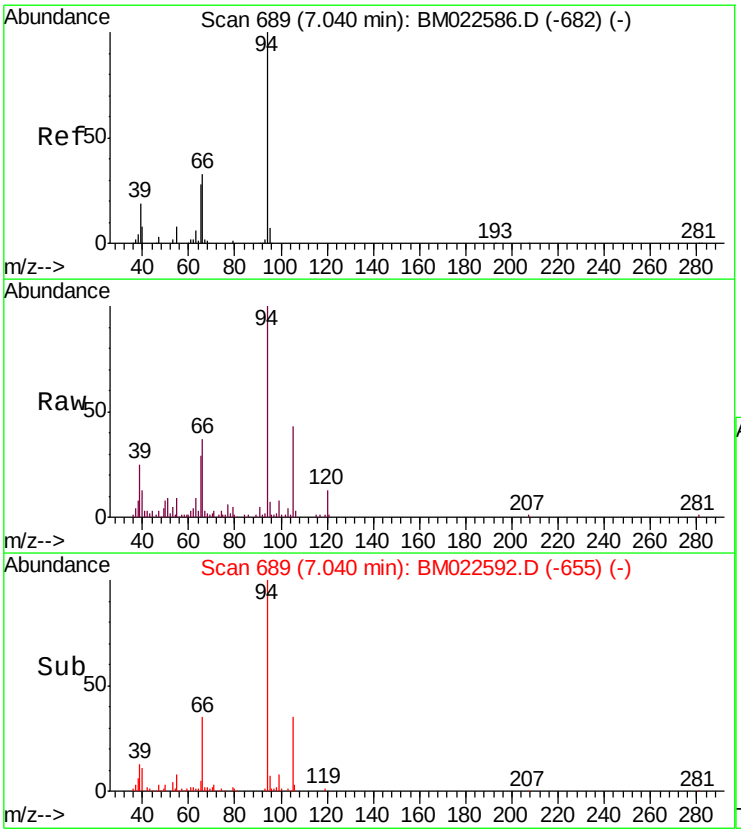
#4
Benzaldehyde
Concen: 10.570 ng/ul
RT: 7.01 min Scan# 684
Delta R.T. 0.02 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion: 77 Resp: 253938

Ion	Ratio	Lower	Upper
77	100		
105	843.2	79.0	118.6#
106	77.1	75.1	112.7

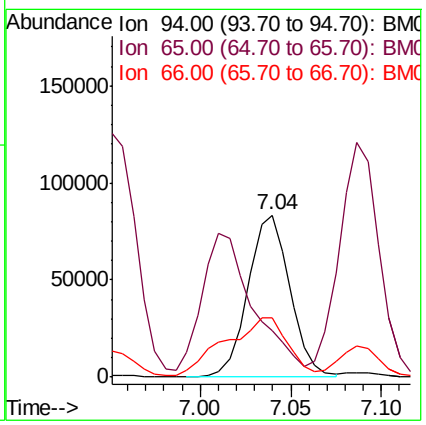


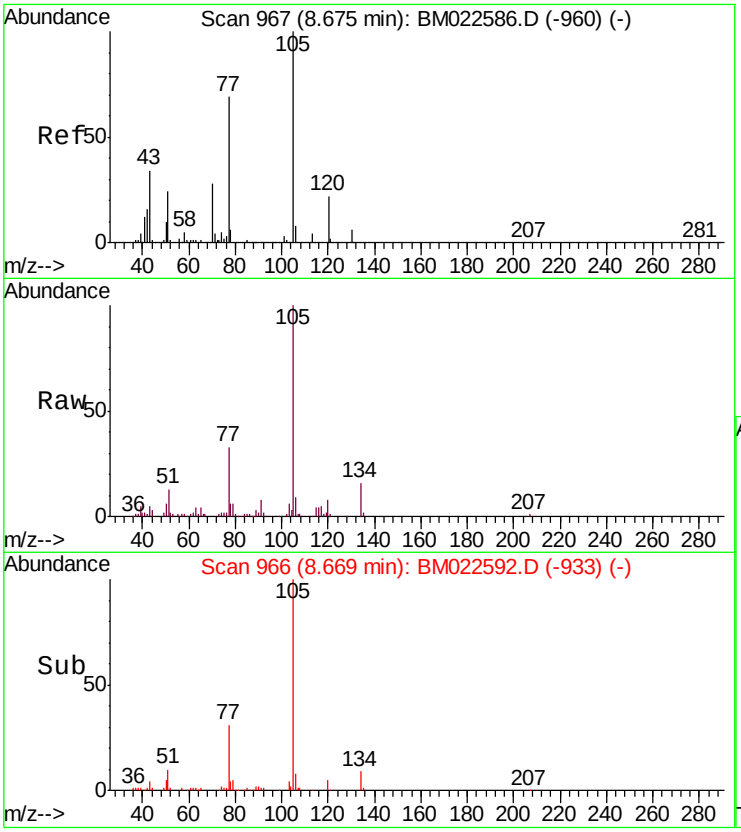


#6
Phenol
Concen: 2.797 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion: 94 Resp: 134452

Ion	Ratio	Lower	Upper
94	100		
65	28.5	22.8	34.2
66	36.5	29.1	43.7



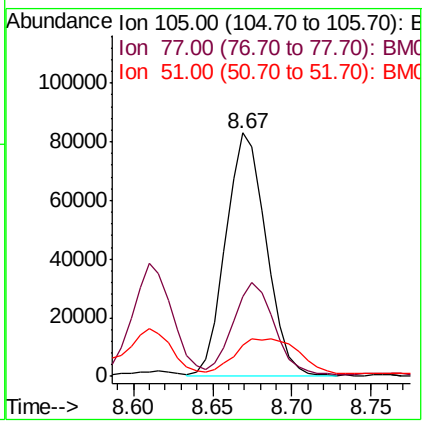


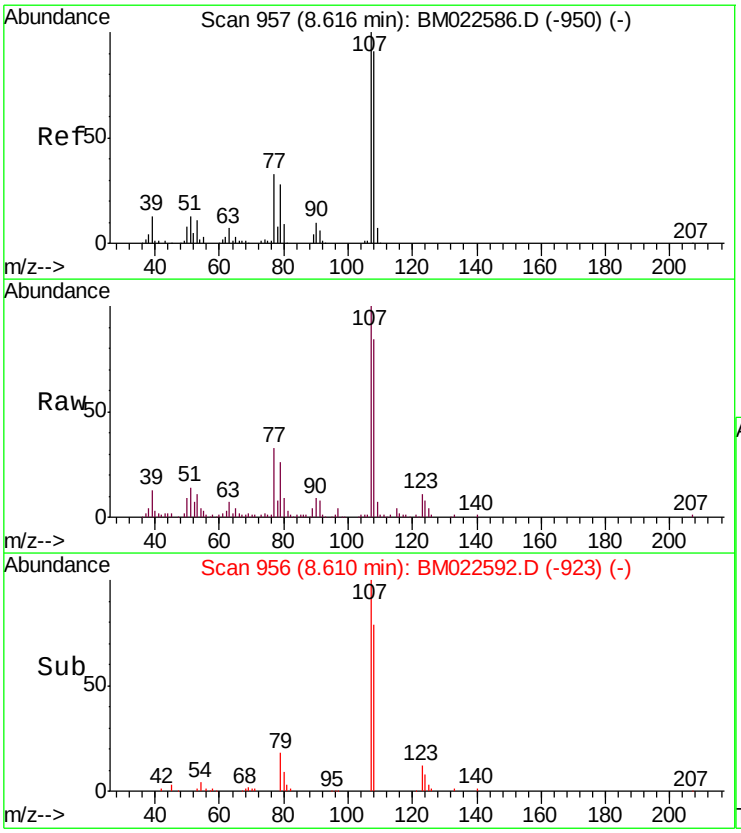
#14
Acetophenone
Concen: 2.493 ng/ul
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:105 Resp: 145484

Ion	Ratio	Lower	Upper
105	100		
77	32.9	62.1	93.1#
51	12.9	21.8	32.6#

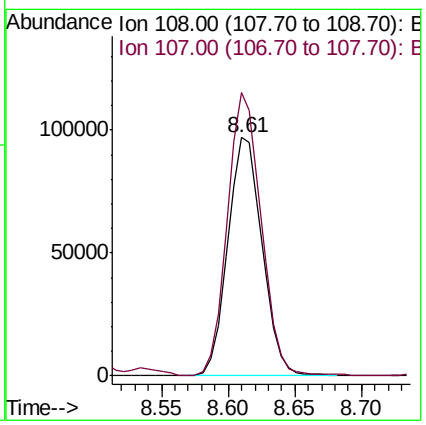


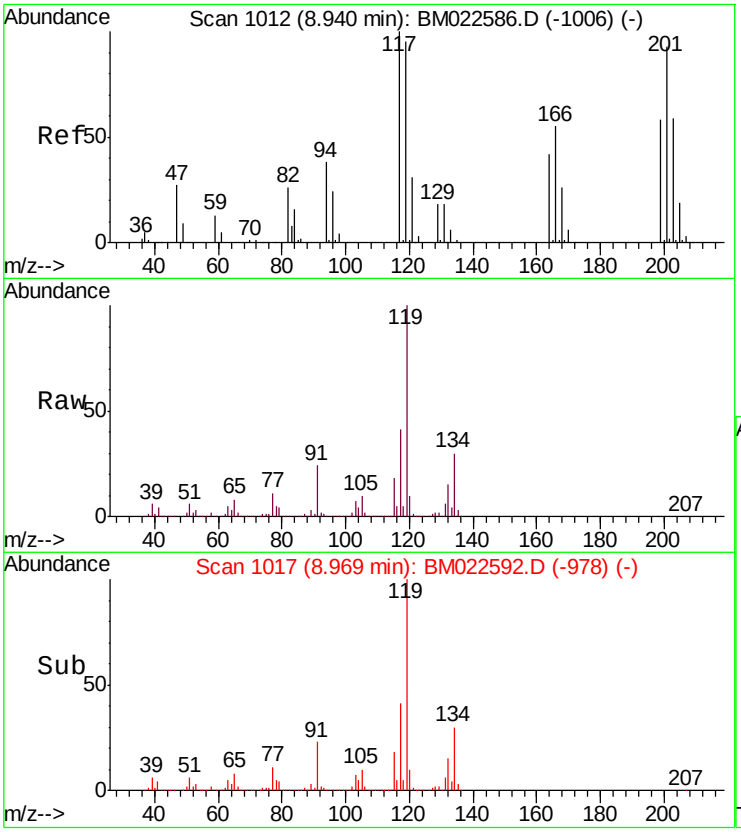


#16
4-Methylphenol
Concen: 4.307 ng/ul
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:108 Resp: 174467

Ion	Ratio	Lower	Upper
108	100		
107	118.7	87.2	130.8



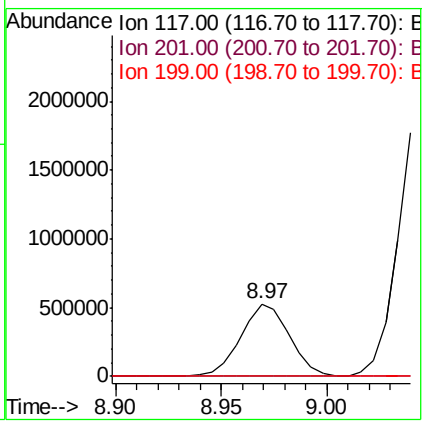


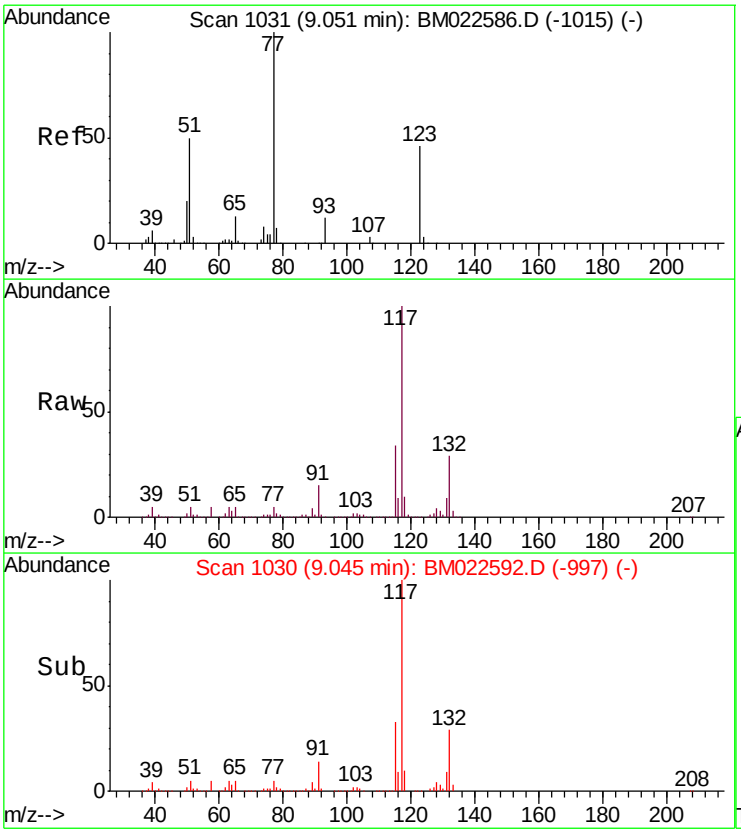
#17
Hexachloroethane
Concen: 55.110 ng/ul
RT: 8.97 min Scan# 1017
Delta R.T. 0.03 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:117 Resp: 833875

Ion	Ratio	Lower	Upper
117	100		
201	0.0	77.6	116.4#
199	0.0	47.6	71.4#

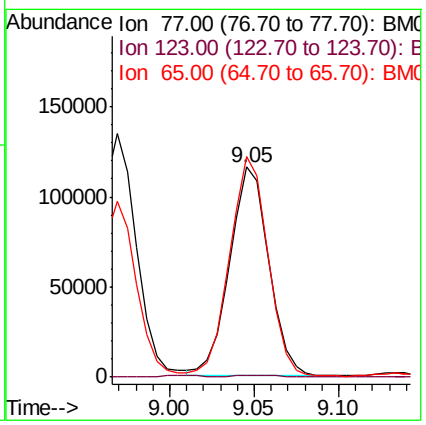


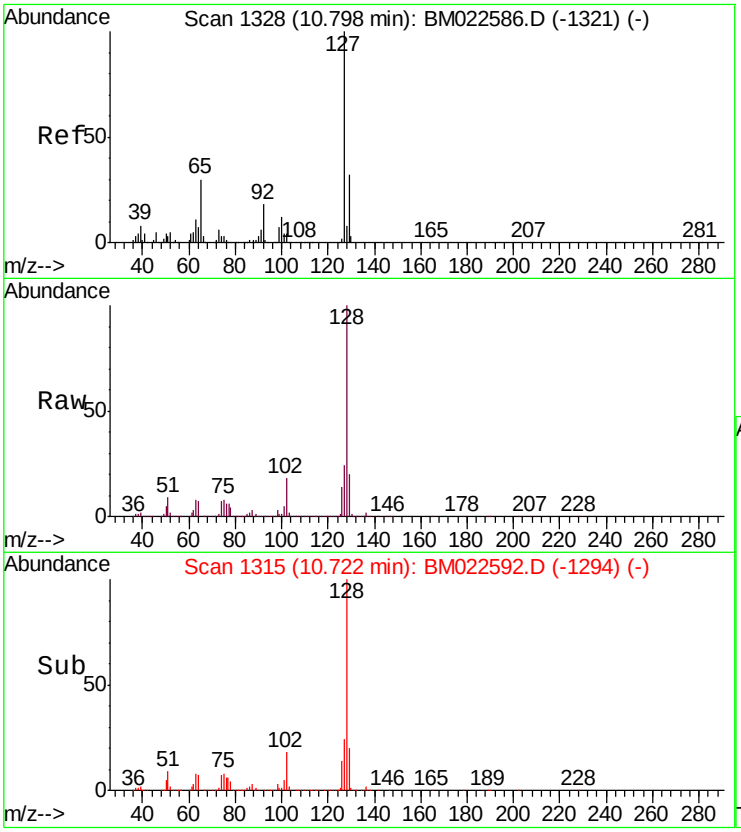


#20
Nitrobenzene
Concen: 5.187 ng/ul
RT: 9.05 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion: 77 Resp: 187697

Ion	Ratio	Lower	Upper
77	100		
123	0.8	35.8	53.6#
65	104.9	10.5	15.7#



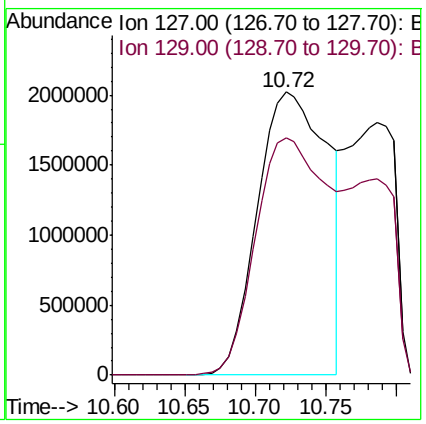


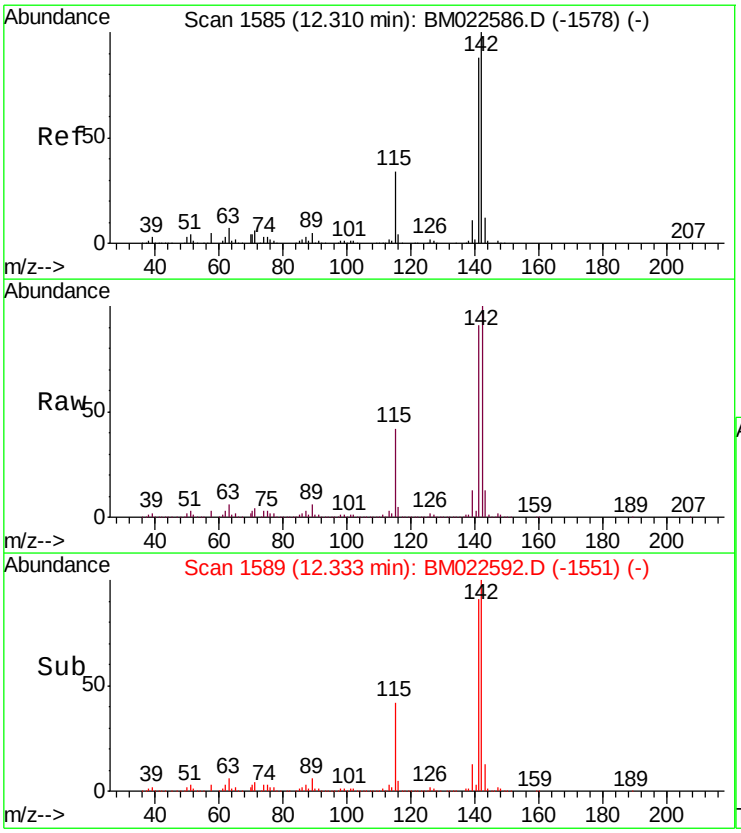
#30
4-Chloroaniline
Concen: 152.135 ng/ul
RT: 10.72 min Scan# 1315
Delta R.T. -0.08 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:127 Resp: 6990694

Ion	Ratio	Lower	Upper
127	100		
129	84.0	25.4	38.2#

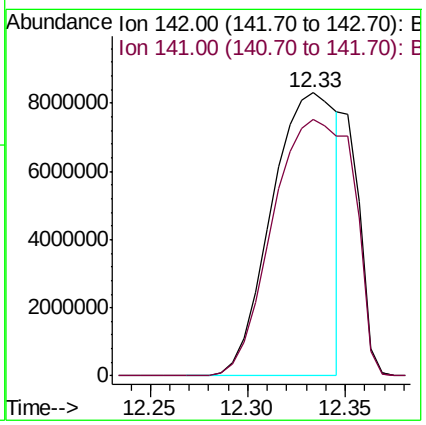


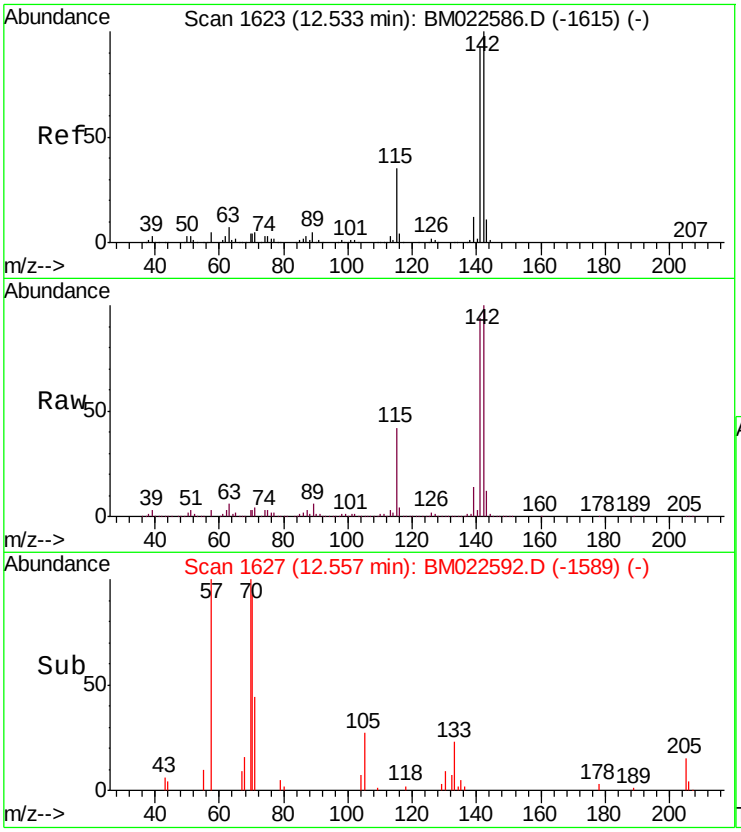


#34
2-Methylnaphthalene
Concen: 227.884 ng/ul
RT: 12.33 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:142 Resp:19083810

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.0	106.4



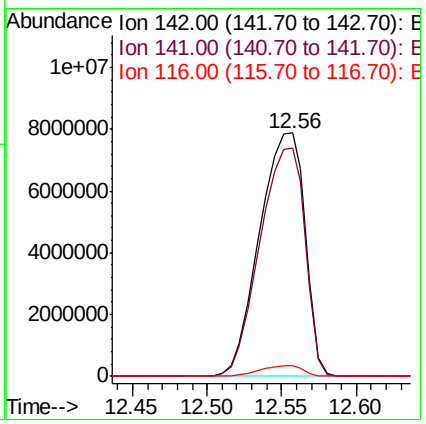


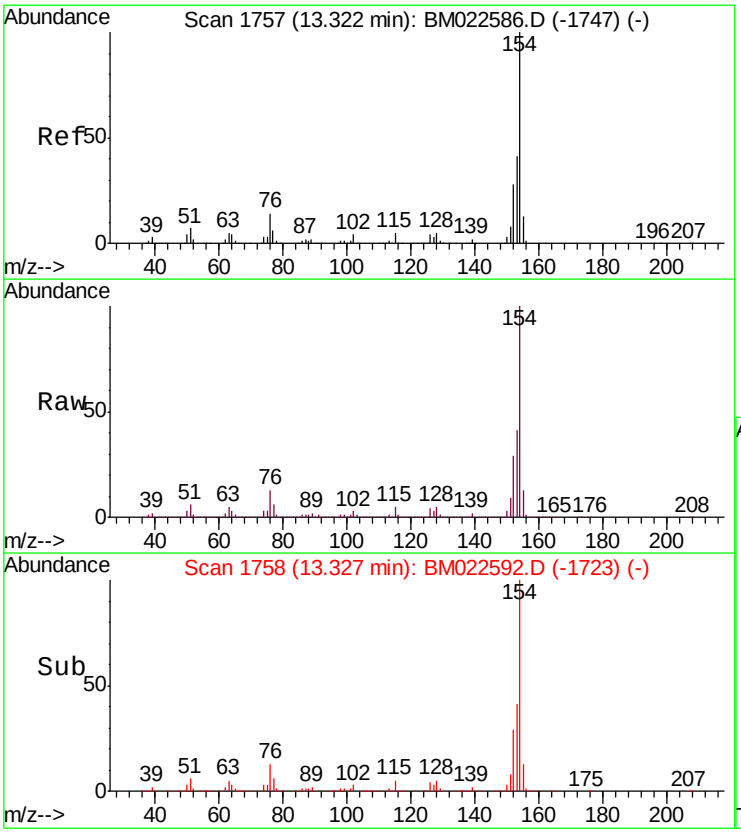
#35
1-Methylnaphthalene
Concen: 208.815 ng/ul
RT: 12.56 min Scan# 1627
Delta R.T. 0.02 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:142 Resp:16707701

Ion	Ratio	Lower	Upper
142	100		
141	93.6	72.6	108.8
116	4.5	3.0	4.4#

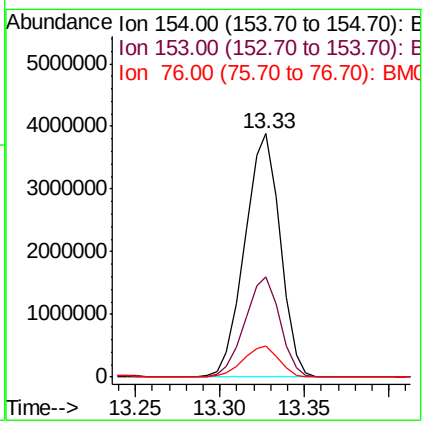


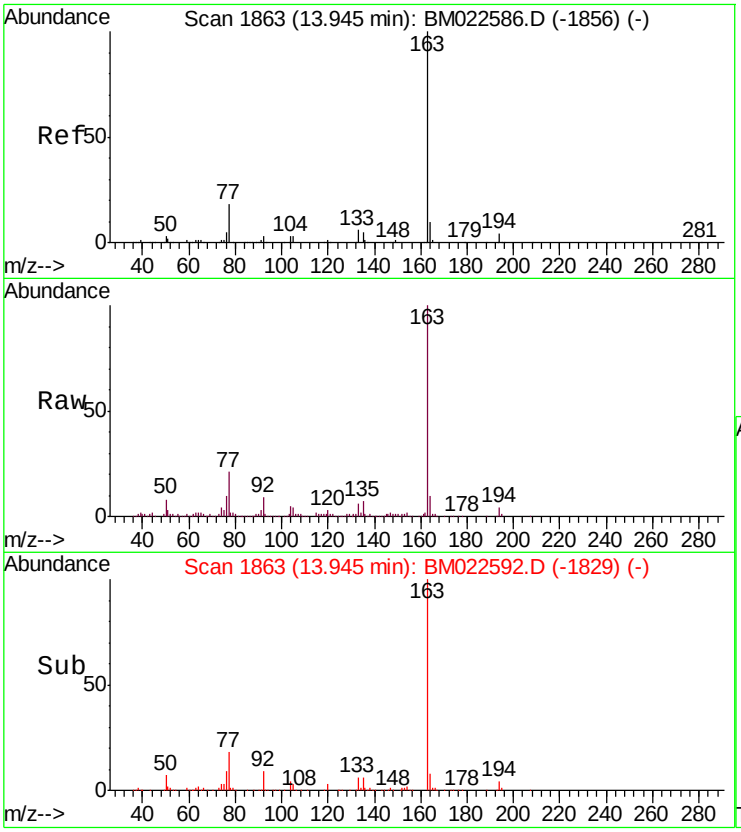


#41
1,1'-Biphenyl
Concen: 48.516 ng/ul
RT: 13.33 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:154 Resp: 5670765

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.1	48.1
76	12.8	10.2	15.2



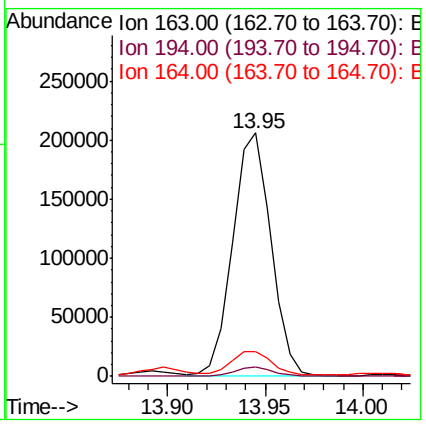


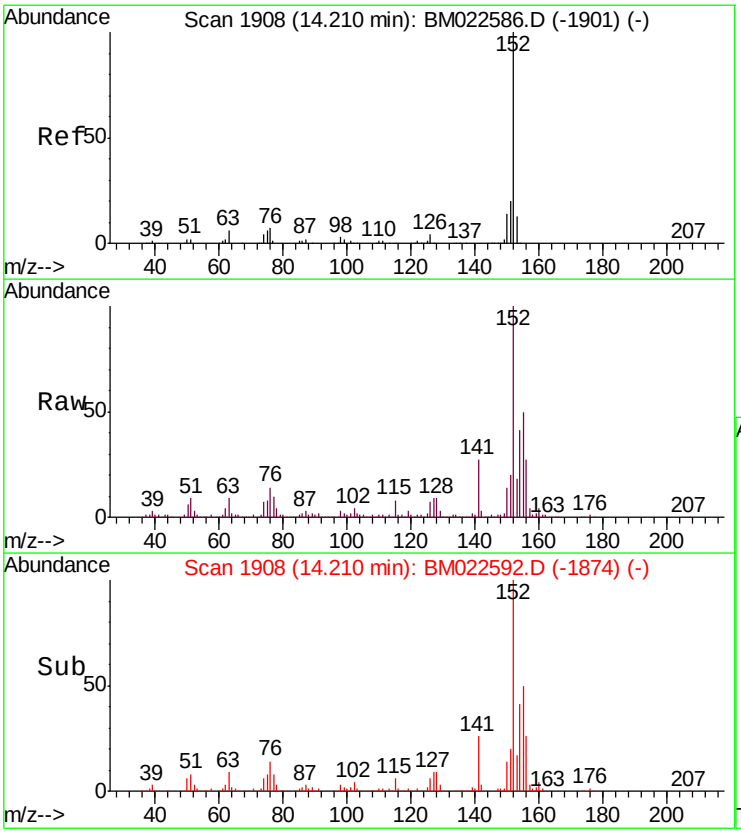
#45
Dimethylphthalate
Concen: 2.408 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:163 Resp: 278013

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	7.8	11.8

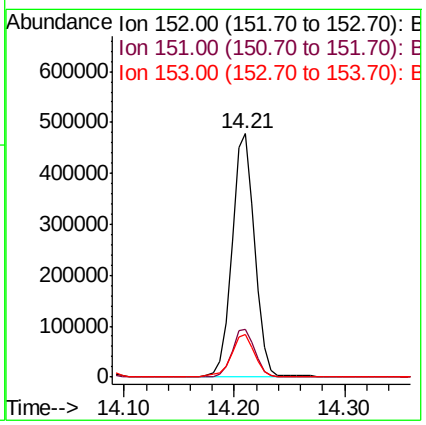


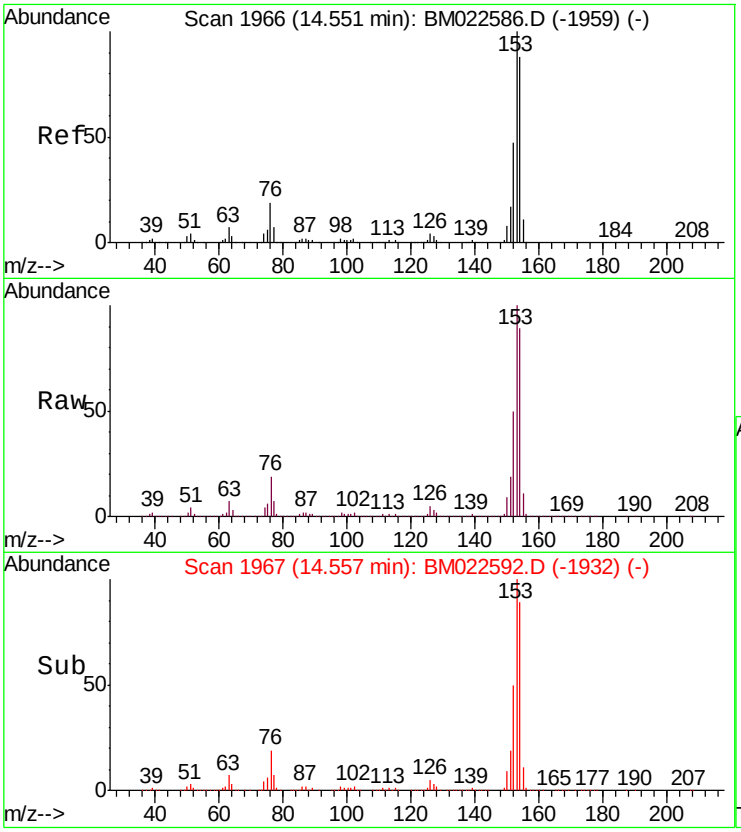


#48
Acenaphthylene
Concen: 4.832 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:152 Resp: 682647

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	17.5	10.4	15.6#



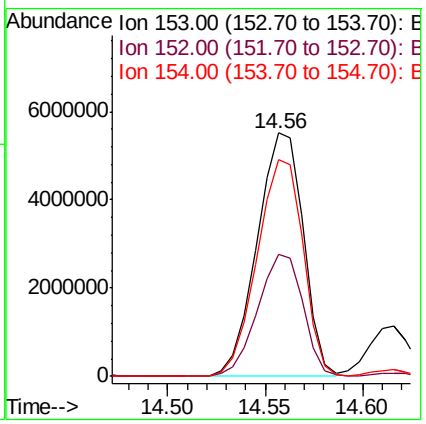


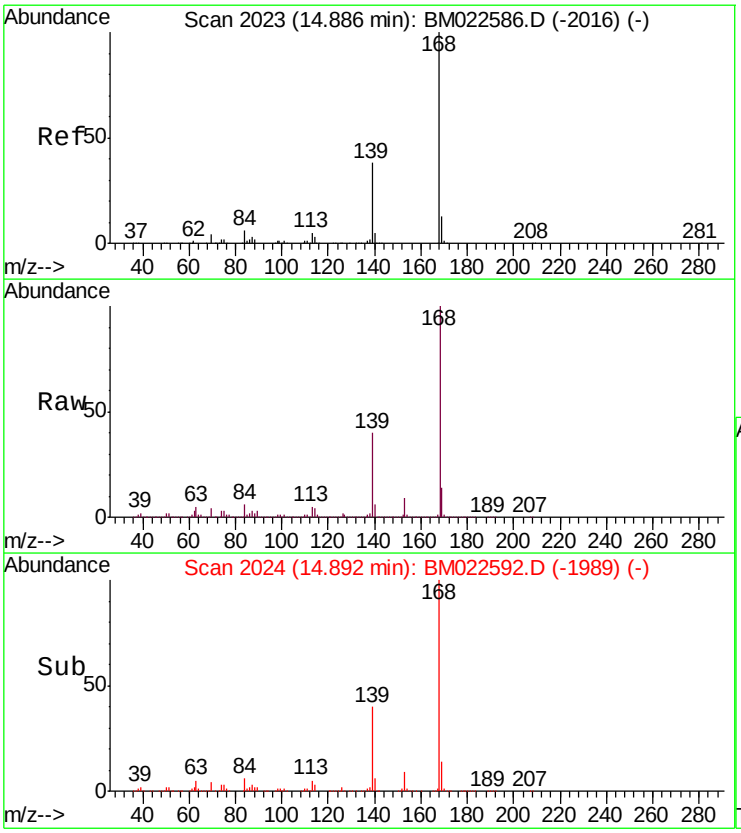
#50
Acenaphthene
Concen: 92.344 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:153 Resp: 9039242

Ion	Ratio	Lower	Upper
153	100		
152	49.9	37.5	56.3
154	89.0	71.4	107.0

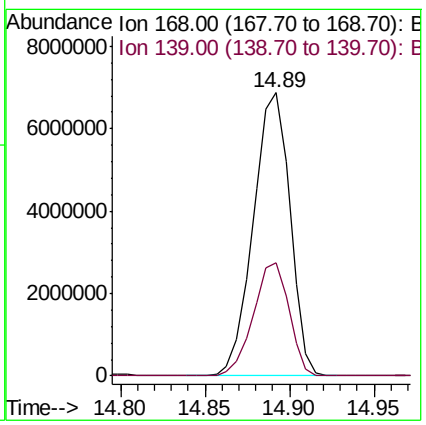


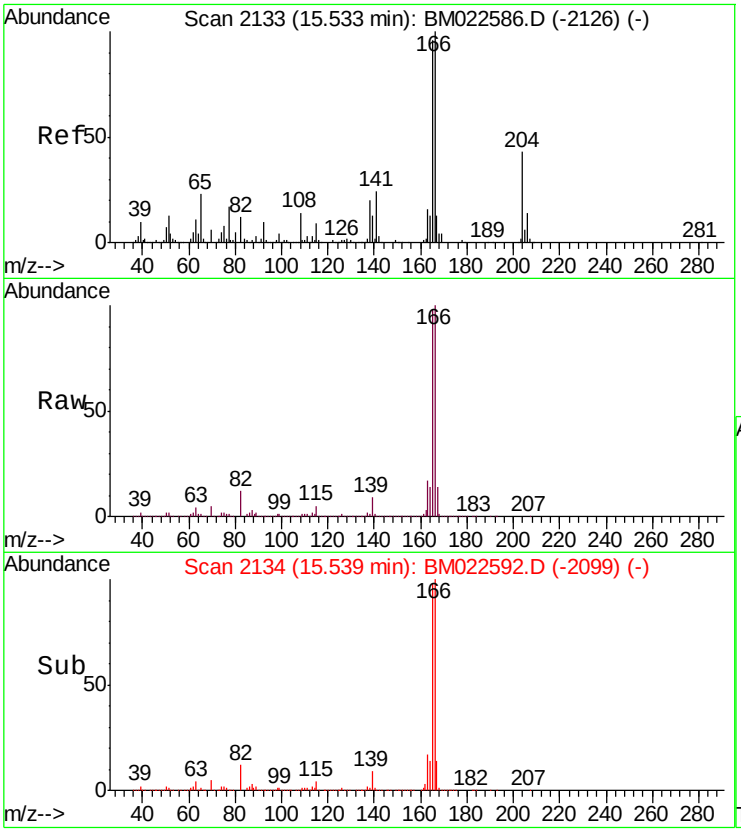


#54
Dibenzofuran
Concen: 76.484 ng/ul
RT: 14.89 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:168 Resp:10390497

Ion	Ratio	Lower	Upper
168	100		
139	39.8	29.5	44.3



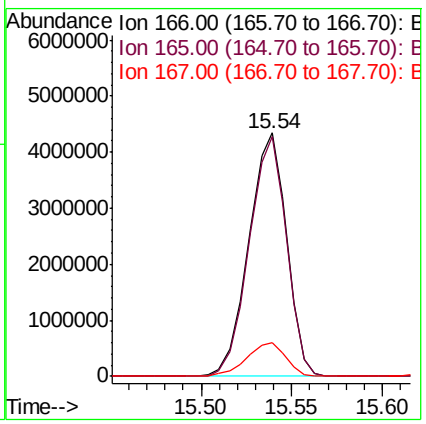


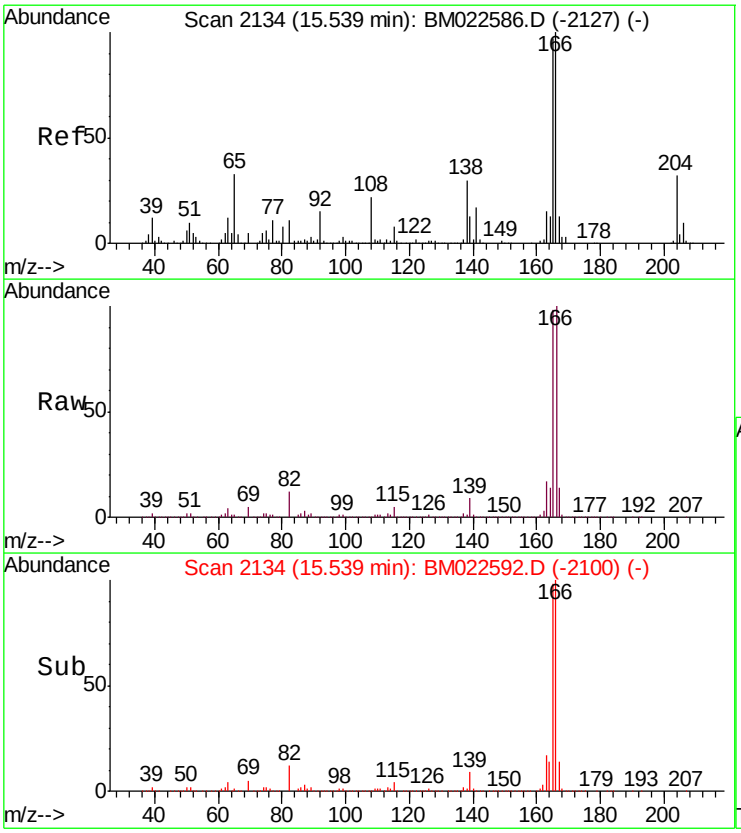
#59
Fluorene
Concen: 55.924 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:166 Resp: 6250377

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.8
167	13.6	10.9	16.3

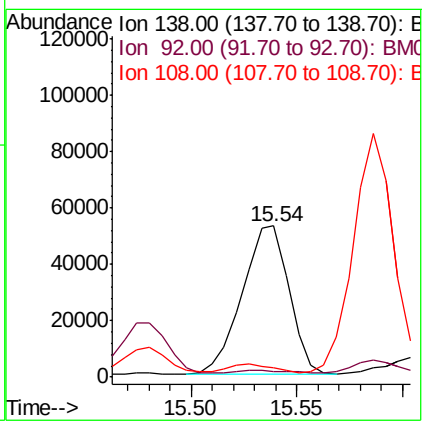


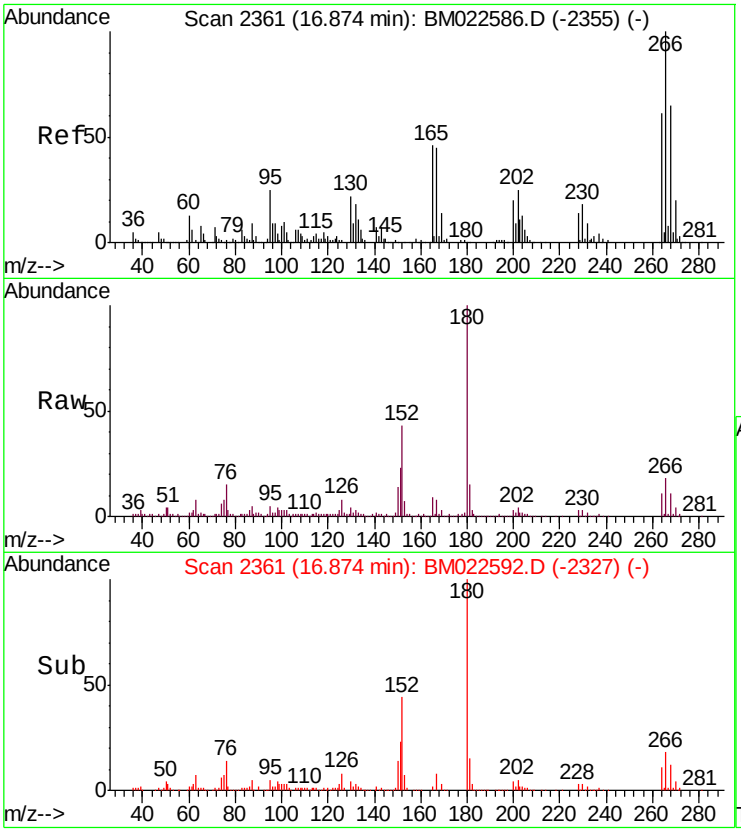


#61
4-Nitroaniline
Concen: 3.513 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:138 Resp: 81607

Ion	Ratio	Lower	Upper
138	100		
92	3.9	40.3	60.5#
108	6.5	62.2	93.2#



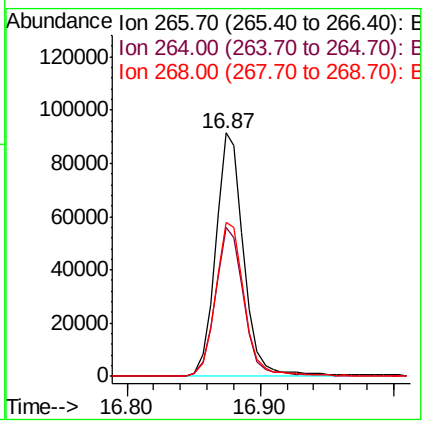


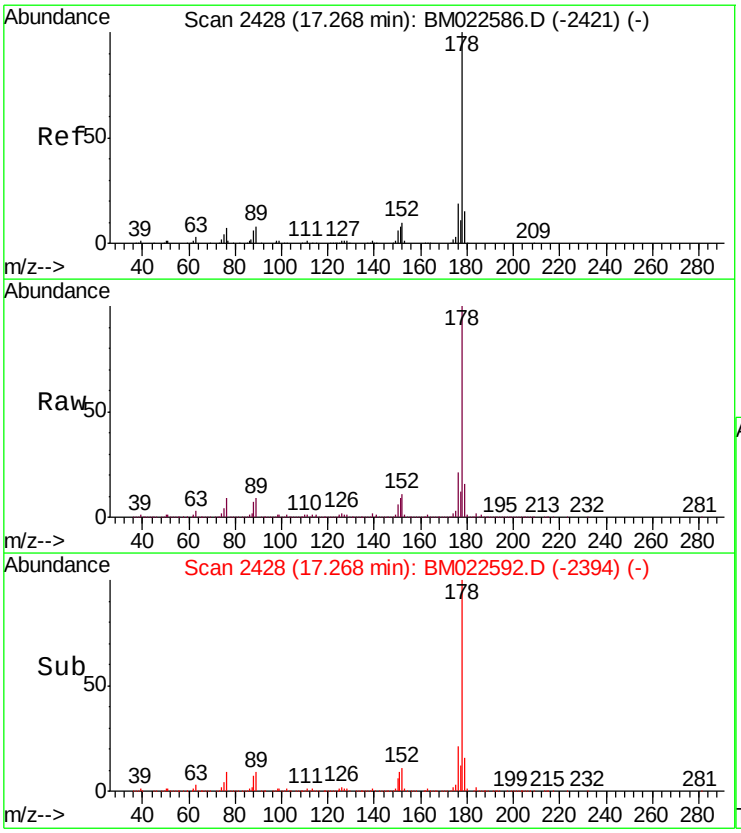
#69
Pentachlorophenol
Concen: 6.323 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:266 Resp: 134632

Ion	Ratio	Lower	Upper
266	100		
264	61.2	50.8	76.2
268	63.0	50.9	76.3

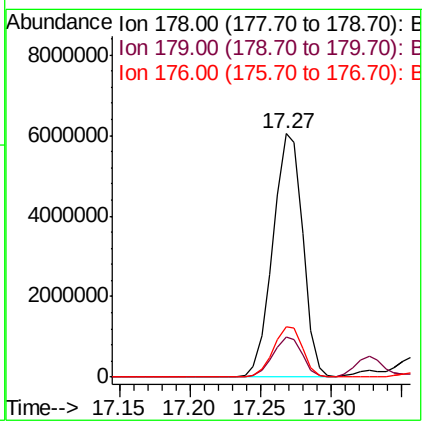


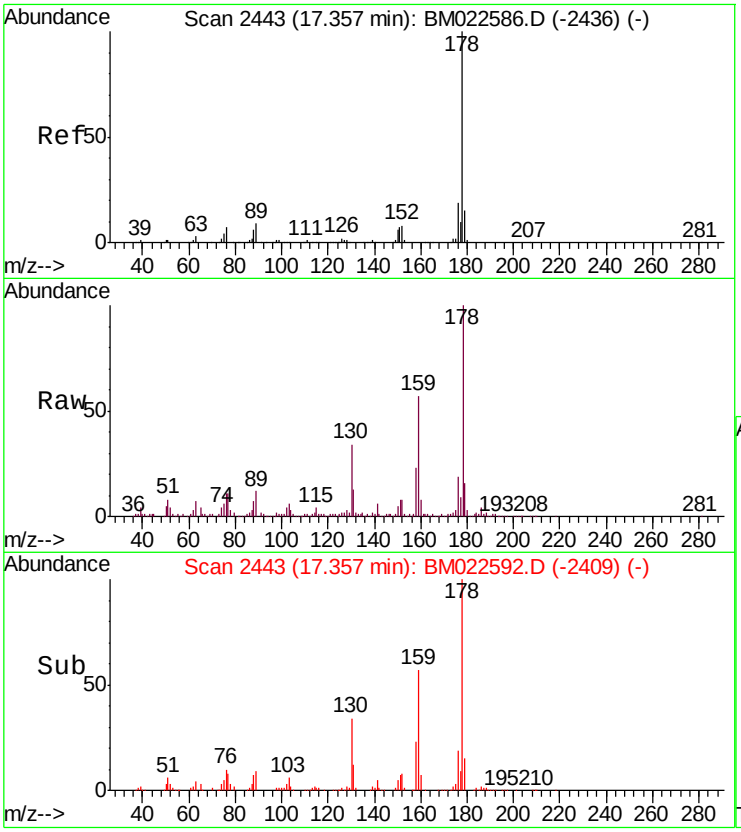


#70
Phenanthrene
Concen: 52.059 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:178 Resp: 8934258

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.0	18.0
176	20.9	15.4	23.0



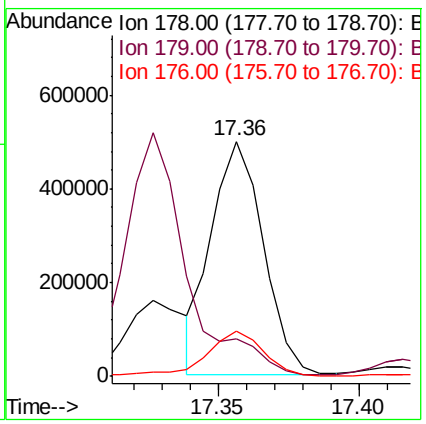


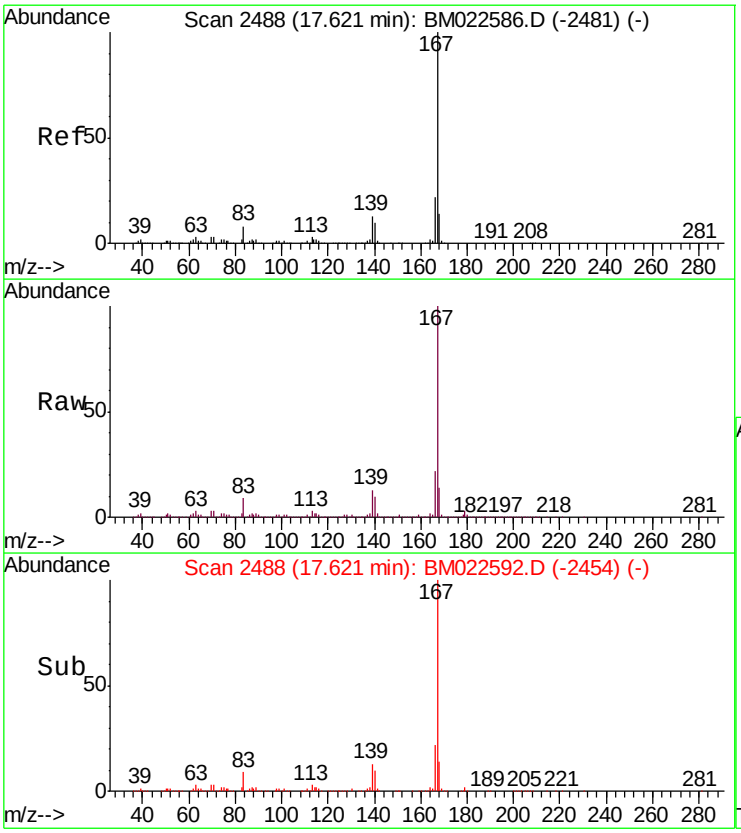
#72
Anthracene
Concen: 3.636 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:178 Resp: 640964

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.1	14.7	22.1

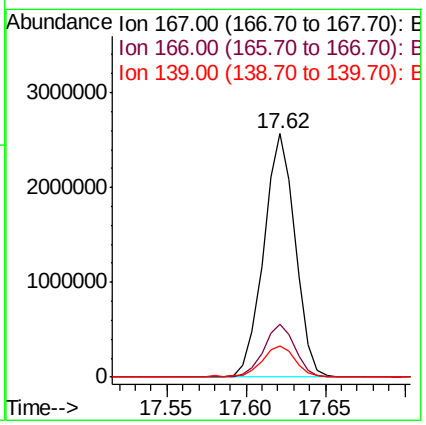


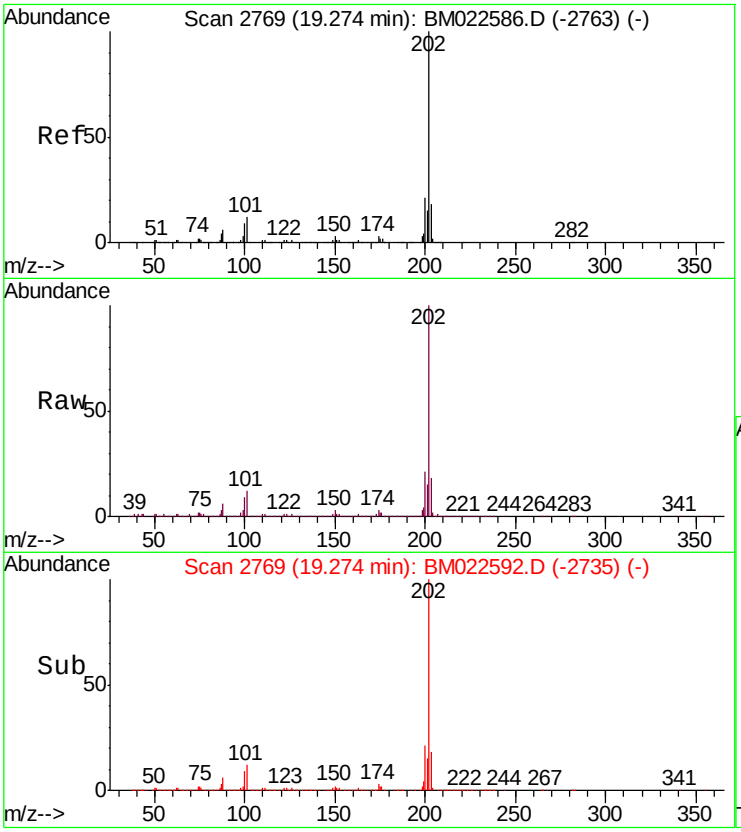


#75
Carbazole
Concen: 22.339 ng/ul
RT: 17.62 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:167 Resp: 3539455

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.0	10.6	15.8



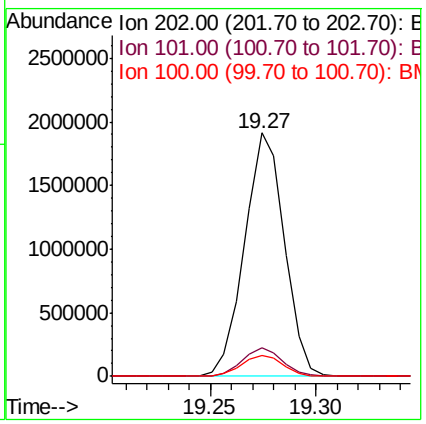


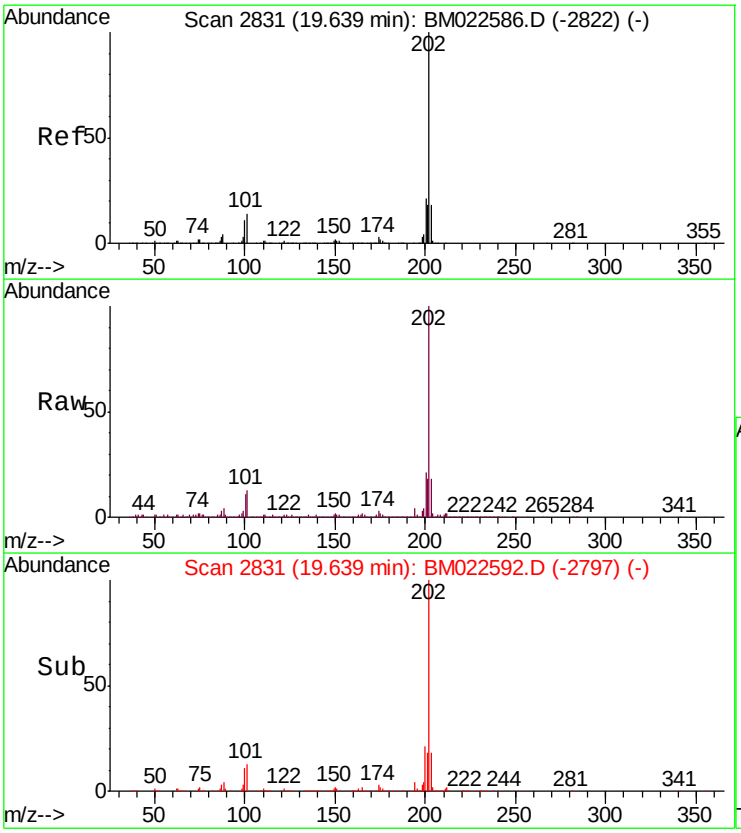
#77
Fluoranthene
Concen: 12.846 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:202 Resp: 2501828

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.8	13.2
100	8.8	6.3	9.5

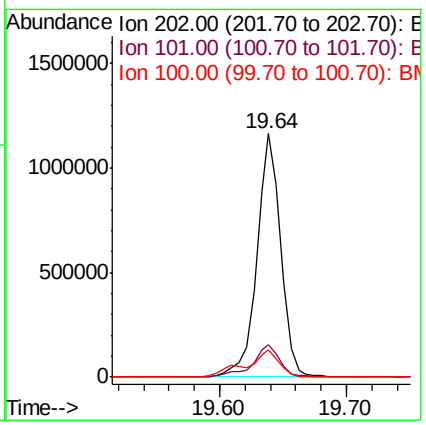


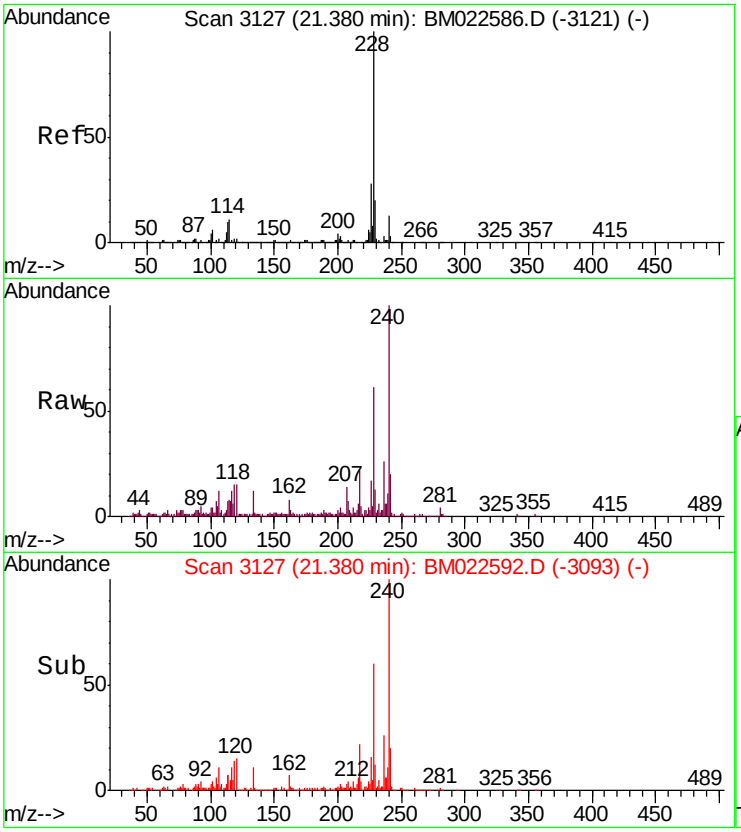


#80
Pyrene
Concen: 7.392 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:202 Resp: 1520523

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	16.0
100	11.0	8.6	13.0



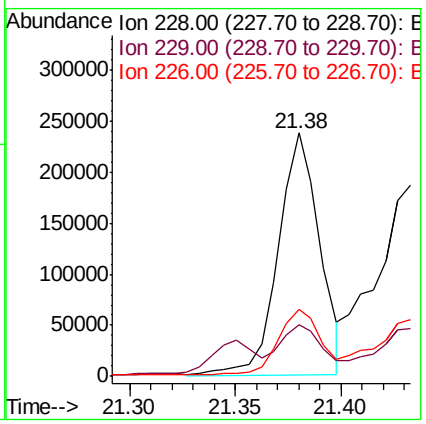


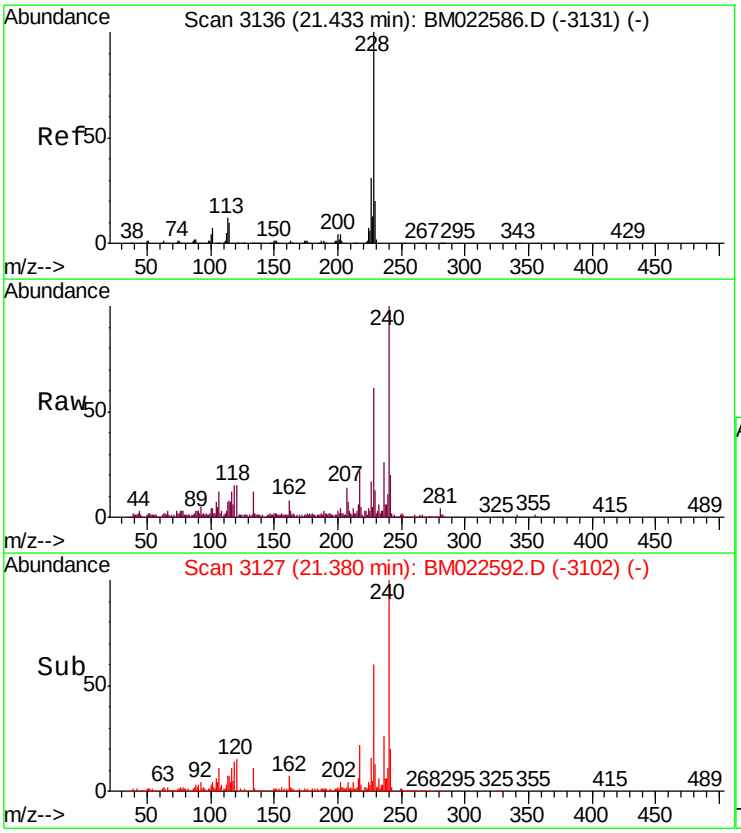
#83
Benzo(a)anthracene
Concen: 1.535 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:228 Resp: 323573

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	27.3	22.2	33.2

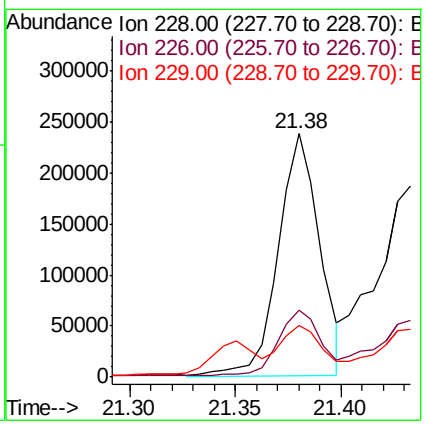


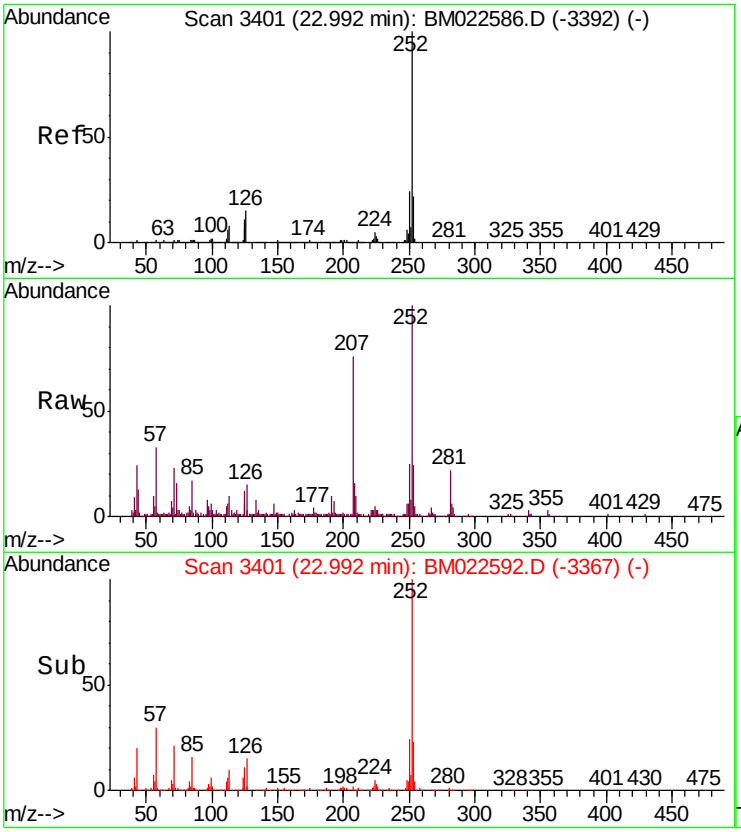


#85
Chrysene
Concen: 1.668 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.05 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:228 Resp: 323573

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.2	36.4
229	21.4	15.8	23.6



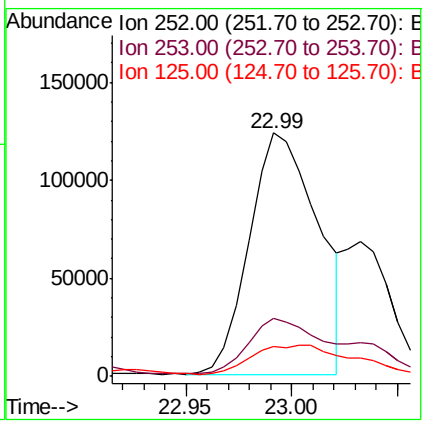


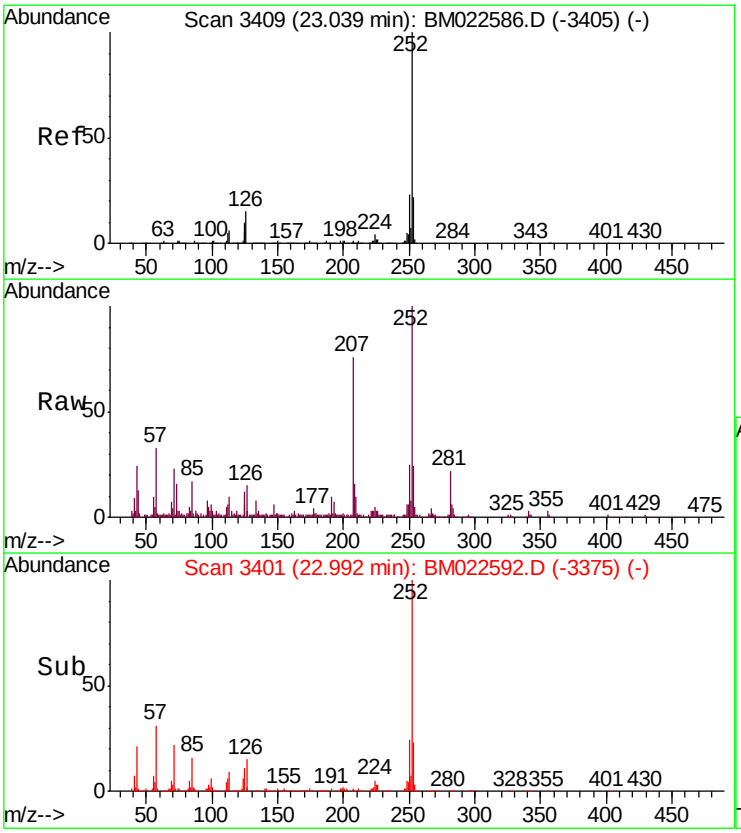
#88
Benzo(b)fluoranthene
Concen: 1.389 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.00 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Instrument :
BNA_M
ClientSampleId :
BF568

Tgt Ion:252 Resp: 278467

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	12.1	8.0	12.0#





#89
Benzo(k)fluoranthene
Concen: 1.429 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.05 min
Lab File: BM022592.D
Acq: 09 Sep 2019 07:33

Tgt Ion:252 Resp: 278467

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	12.1	8.2	12.2