Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027070.D
Acq On : 13 Aug 2020 20:40
Operator : JU/CG
Sample : L3630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 14 01:26:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	122481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	461308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	286544	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	590243	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	599162	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	614205	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11285	4.19	ng/uL	0.00
5) Phenol-d5	6.82	99	297072	31.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	193690	29.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	231019	30.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	230773	31.08	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	111877	30.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	123663	32.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	256952	32.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	258435	27.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	742722	32.50	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	941783	34.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	98684	25.58	ng/ul	0.00
58) Fluorene-d10	15.27	176	636622	31.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	64499	20.01	ng/ul	0.00
71) Anthracene-d10	17.12	188	951734	32.73	ng/ul	0.00
79) Pyrene-d10	19.42	212	1060104	35.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	1156454	33.73	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.85	94	20082	2.000	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.35	70	7910	1.093	ng/ul#	1
28) Naphthalene	10.46	128	153542	5.988	ng/ul	99
30) 4-Chloroaniline	10.46	127	20366	2.184	ng/ul#	4
34) 2-Methylnaphthalene	12.08	142	99847	5.310	ng/ul	96
35) 1-Methylnaphthalene	12.30	142	65274	3.526	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	29062	1.241	ng/ul#	95
45) Dimethylphthalate	13.74	163	85486	3.570	ng/ul#	98
48) Acenaphthylene	13.99	152	125664	4.540	ng/ul#	97
50) Acenaphthene	14.34	153	216266	11.023	ng/ul	98
54) Dibenzofuran	14.67	168	320244	11.406	ng/ul	100
59) Fluorene	15.33	166	298182	12.691	ng/ul	97
70) Phenanthrene	17.06	178	3421549	96.693	ng/ul	99
72) Anthracene	17.15	178	882044	24.498	ng/ul	99
75) Carbazole	17.42	167	458071	15.072	ng/ul	99
77) Fluoranthene	19.09	202	3657658	85.242	ng/ul	100
80) Pyrene	19.45	202	3180509	78.204	ng/ul	100
83) Benzo(a)anthracene	21.20	228	2056198	50.977	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.16	149	38655	1.712	ng/ul	93
85) Chrysene	21.25	228	1803189	45.543	ng/ul	96
88) Benzo(b)fluoranthene	22.77	252	2198331	51.543	ng/ul	98
89) Benzo(k)fluoranthene	22.77	252	2198331	52.007	ng/ul	97
91) Benzo(a)pyrene	23.33	252	1605526	41.363	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027070.D
Acq On : 13 Aug 2020 20:40
Operator : JU/CG
Sample : L3630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 14 01:26:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.62	276	951554	19.026	ng/ul	98
93) Dibenzo(a,h)anthracene	25.62	278	313851	7.409	ng/ul#	89
94) Benzo(g,h,i)perylene	26.29	276	664125	16.077	ng/ul	98

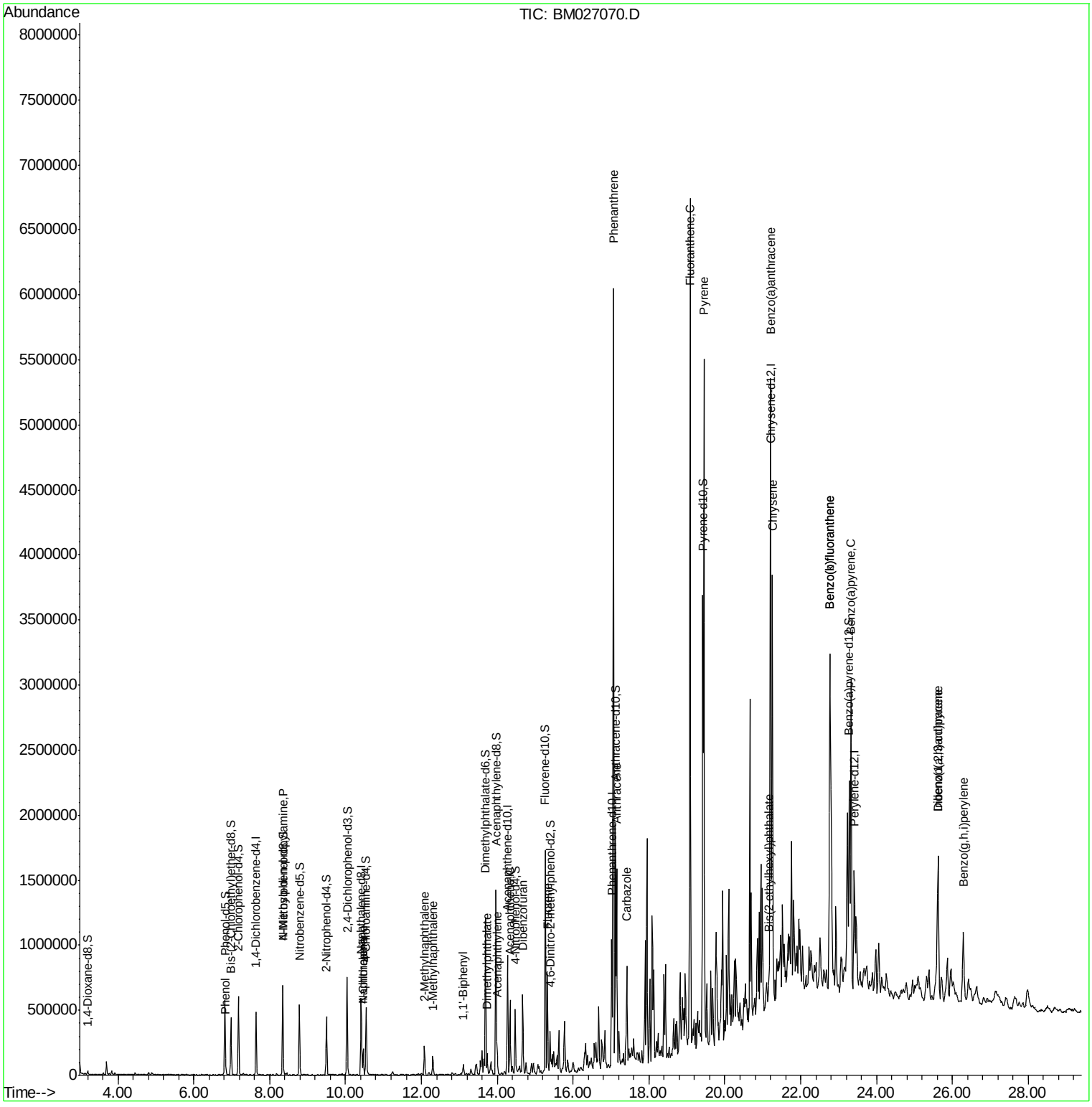
(#) = qualifier out of range (m) = manual integration (+) = signals summed

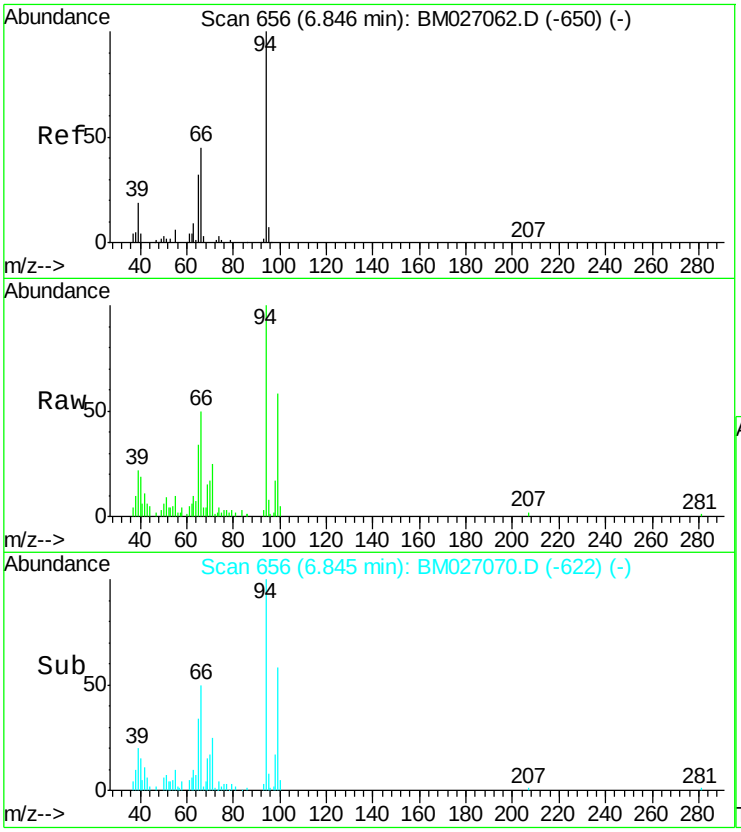
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027070.D
Acq On : 13 Aug 2020 20:40
Operator : JU/CG
Sample : L3630-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 14 01:26:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration



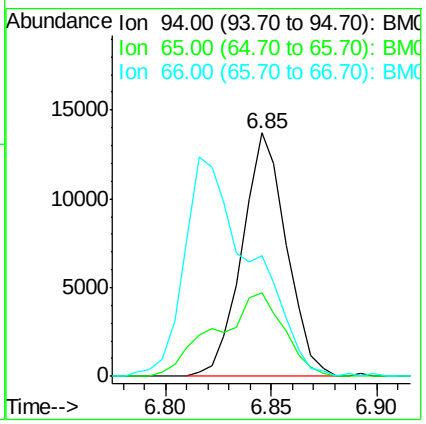


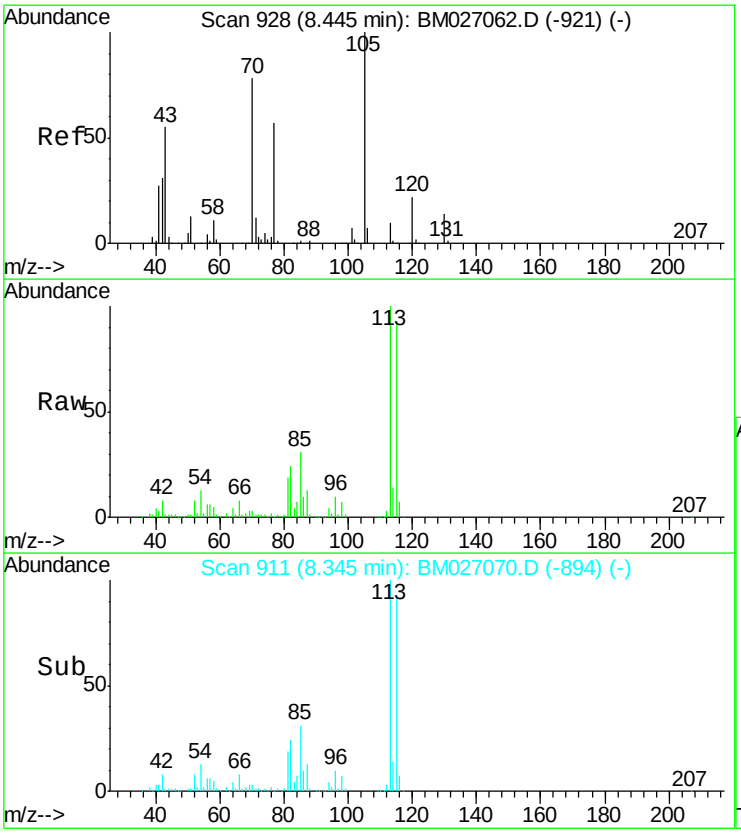
#6
Phenol
Concen: 2.000 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 20082

Ion	Ratio	Lower	Upper
94	100		
65	34.3	28.6	43.0
66	49.8	41.3	61.9

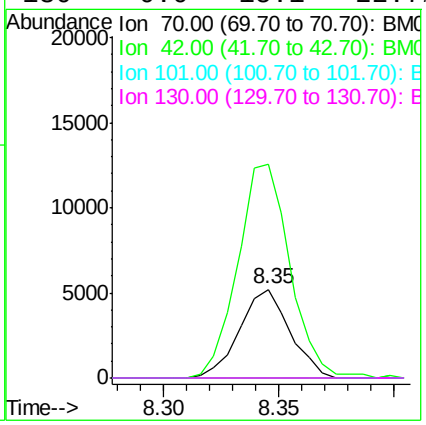


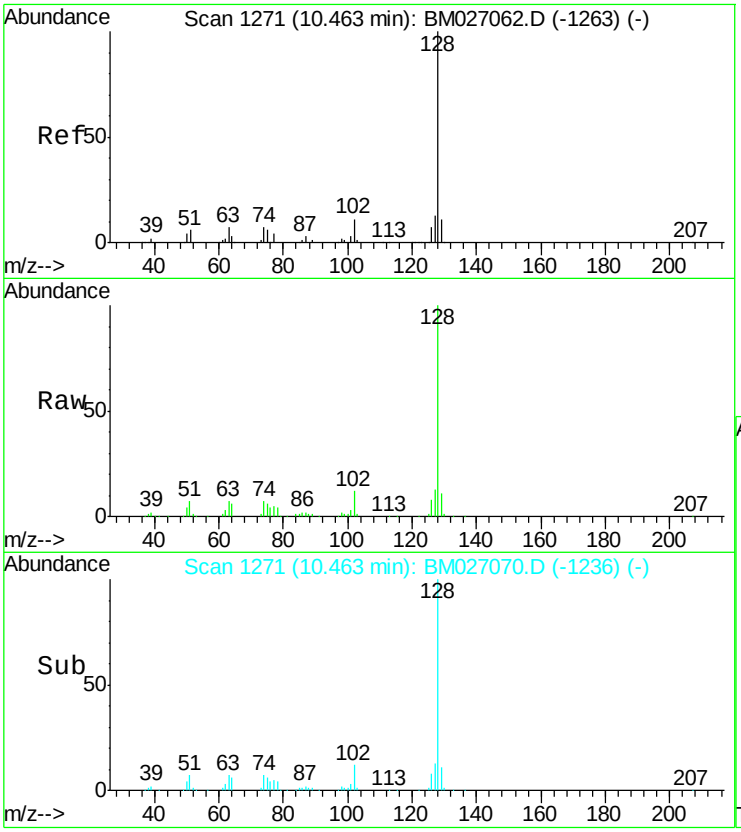


#15
N-Nitroso-di-n-propylamine
Concen: 1.093 ng/ul
RT: 8.35 min Scan# 911
Delta R.T. -0.10 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion: 70 Resp: 7910

Ion	Ratio	Lower	Upper
70	100		
42	241.0	34.2	51.2#
101	0.0	6.8	10.2#
130	0.0	15.1	22.7#



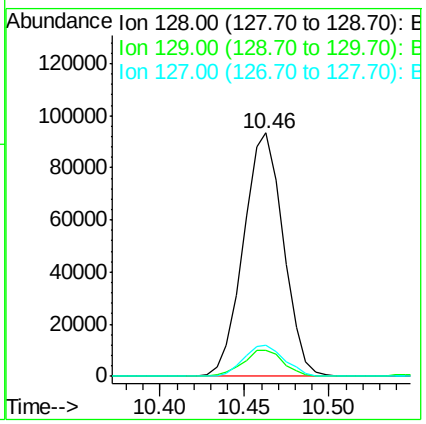


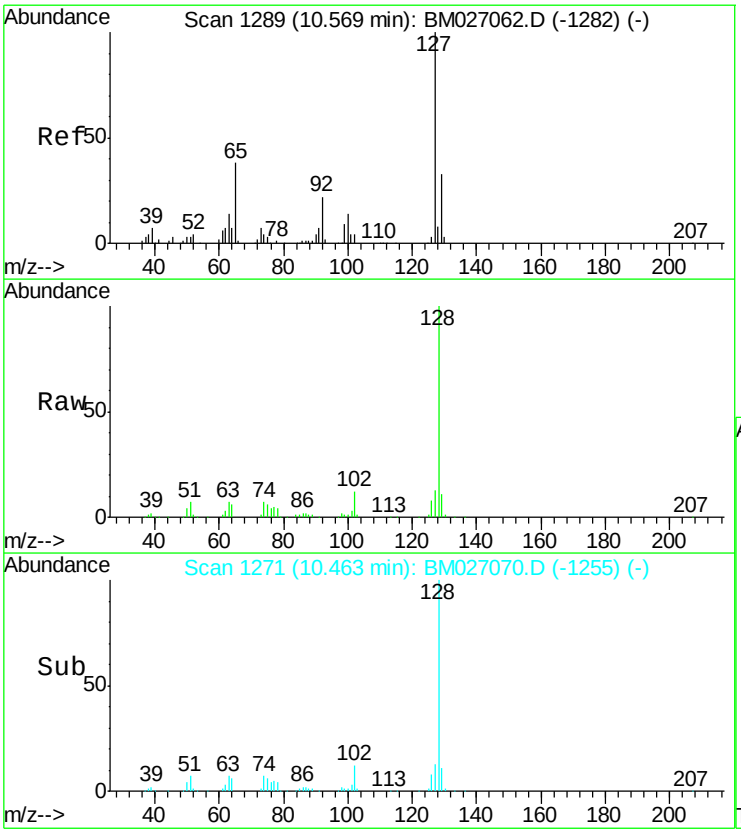
#28
Naphthalene
Concen: 5.988 ng/ul
RT: 10.46 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 153542

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.8	10.5	15.7

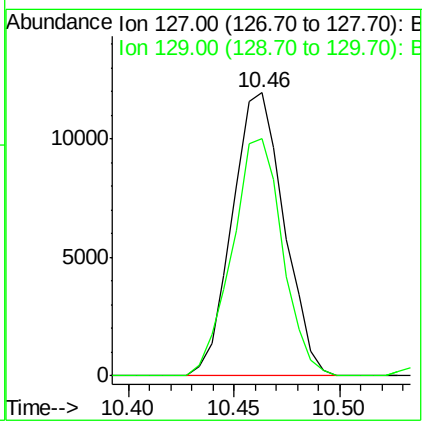


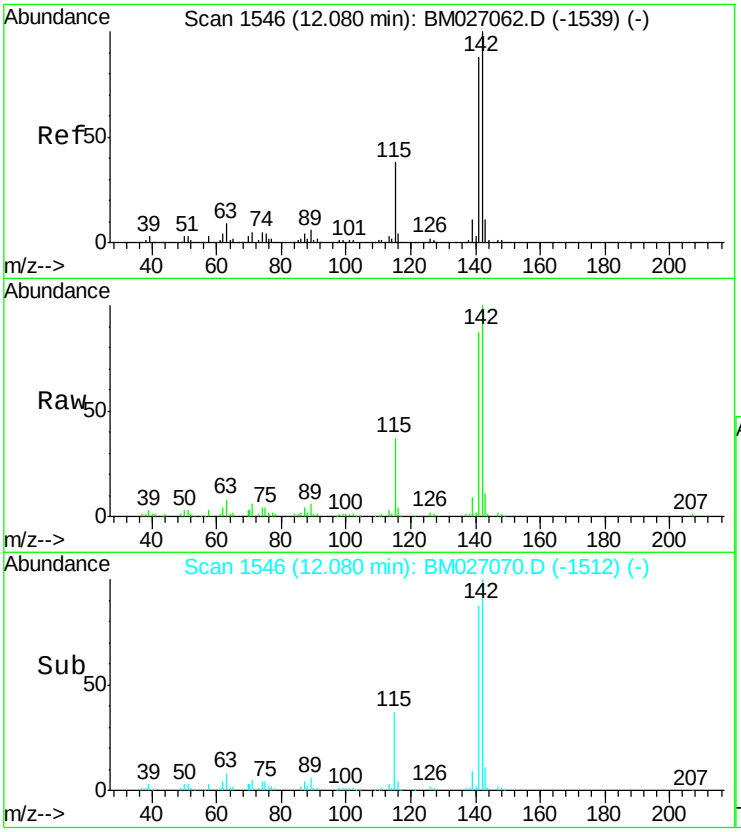


#30
4-Chloroaniline
Concen: 2.184 ng/ul
RT: 10.46 min Scan# 1271
Delta R.T. -0.11 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:127 Resp: 20366

Ion	Ratio	Lower	Upper
127	100		
129	84.0	24.9	37.3#



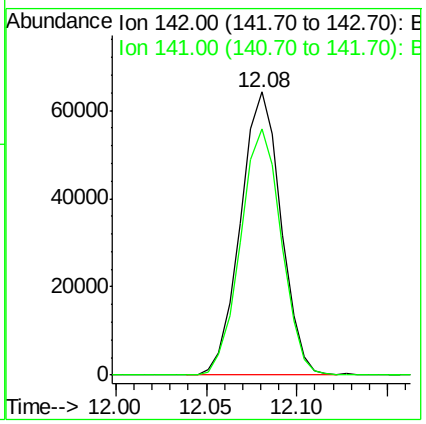


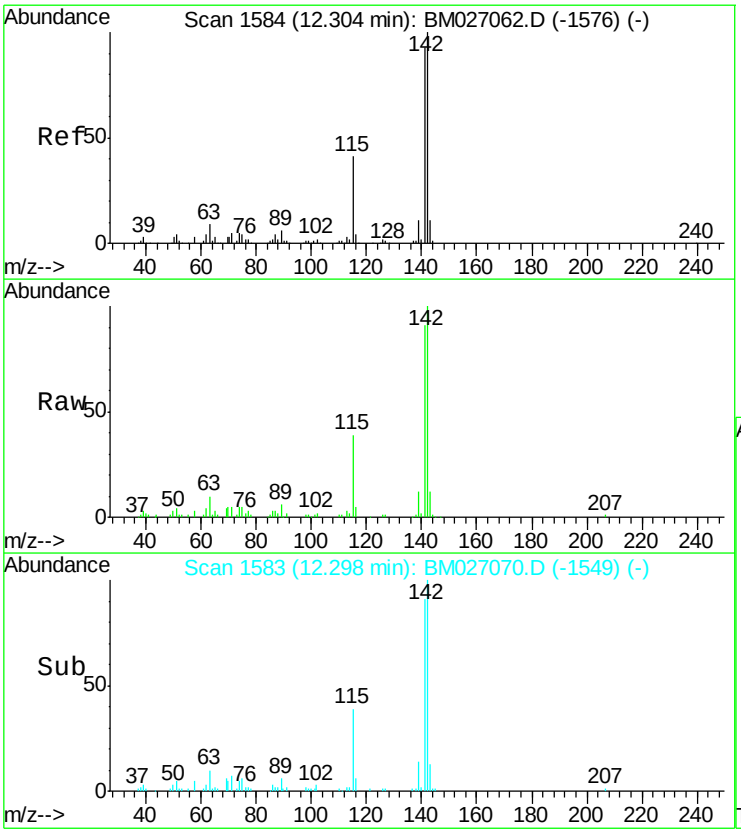
#34
2-Methylnaphthalene
Concen: 5.310 ng/ul
RT: 12.08 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 99847

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.4	108.6

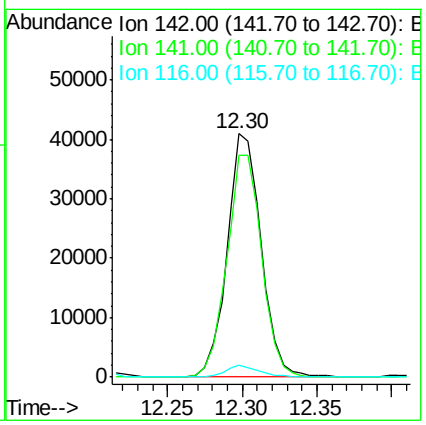


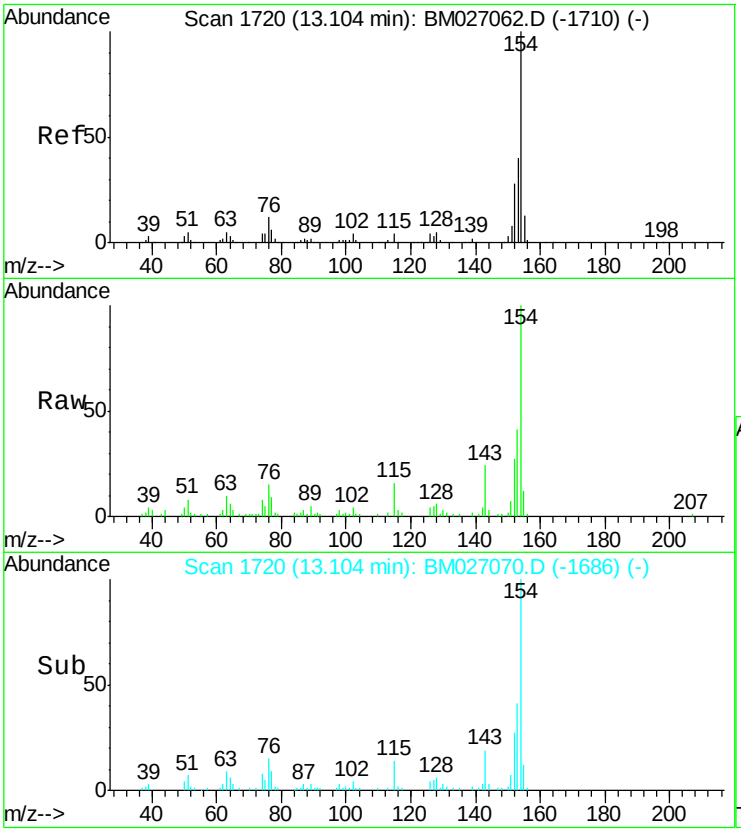


#35
1-Methylnaphthalene
Concen: 3.526 ng/ul
RT: 12.30 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:142 Resp: 65274

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.2	108.2
116	4.8	3.4	5.0



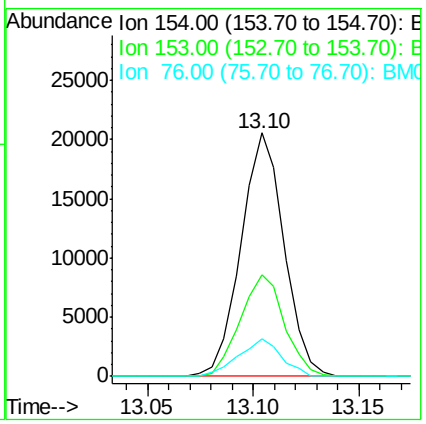


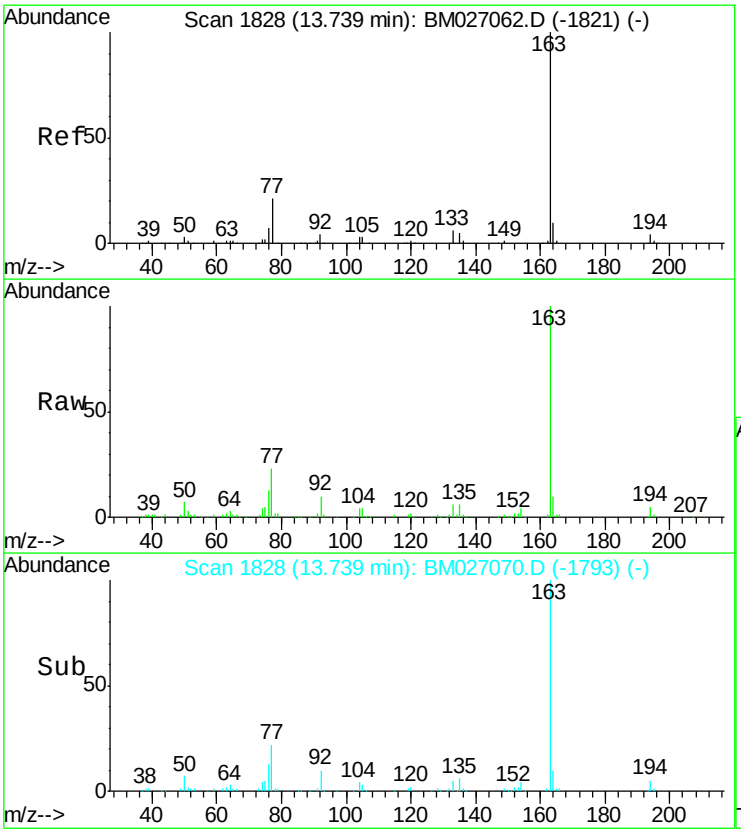
#41
1,1'-Biphenyl
Concen: 1.241 ng/ul
RT: 13.10 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 29062

Ion	Ratio	Lower	Upper
154	100		
153	41.5	31.6	47.4
76	15.5	9.3	13.9#

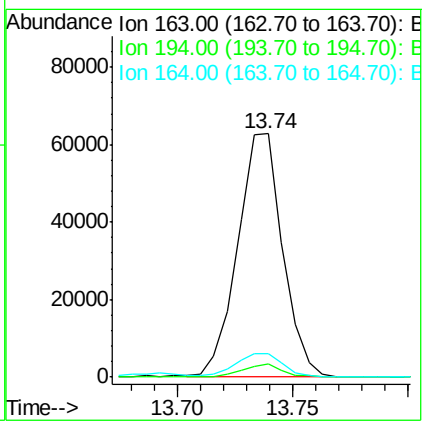


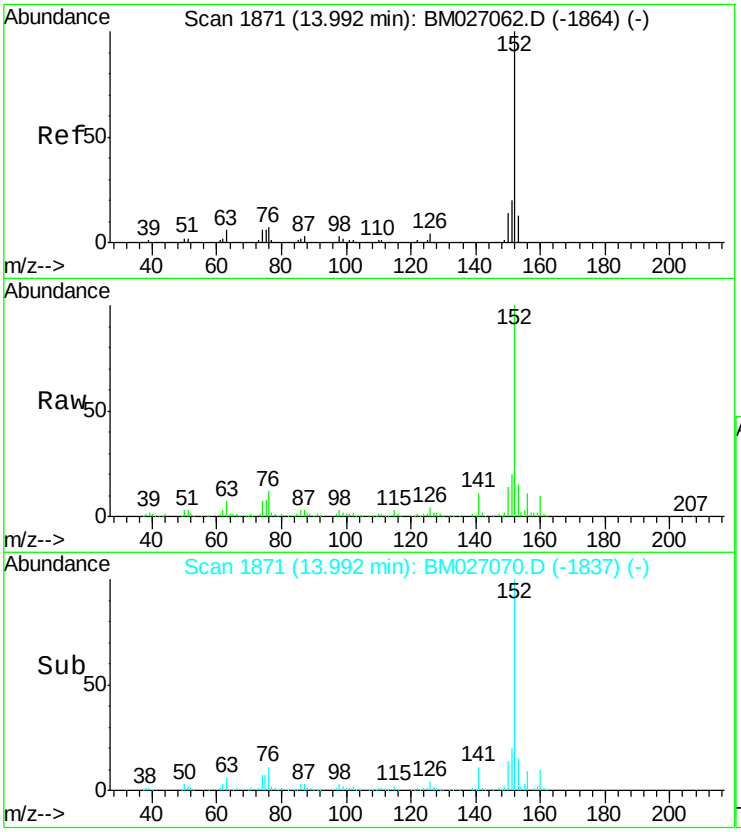


#45
Dimethylphthalate
Concen: 3.570 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:163 Resp: 85486

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8#
164	9.5	8.2	12.2



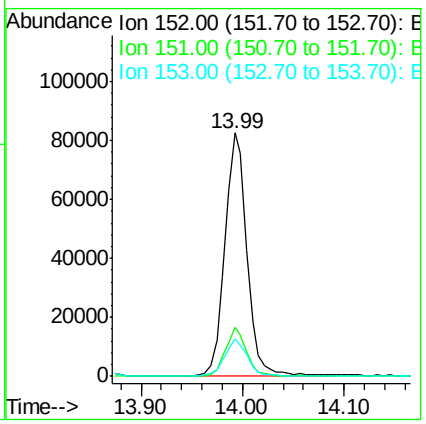


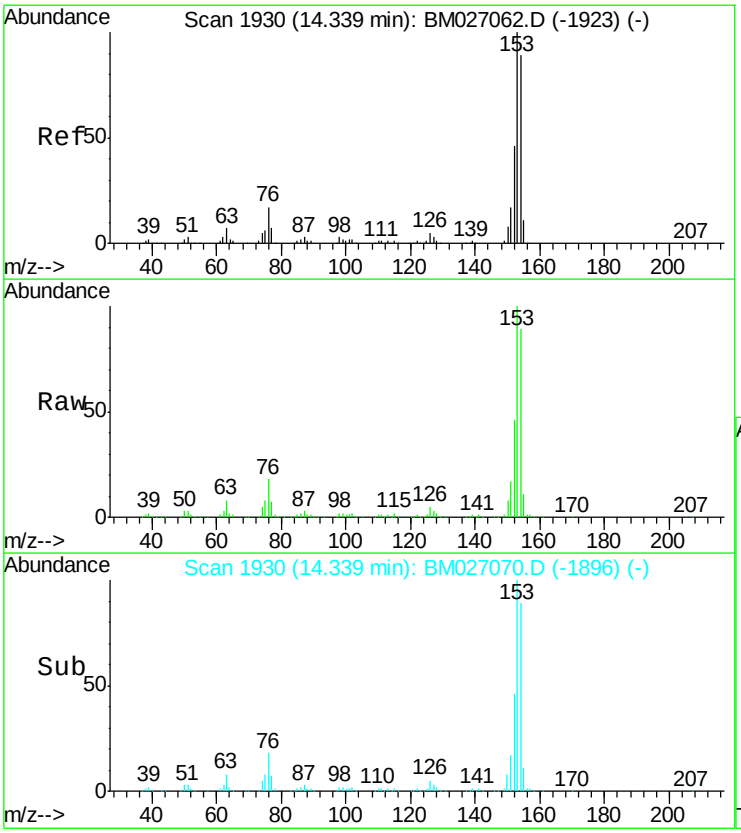
#48
Acenaphthylene
Concen: 4.540 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 125664

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	15.3	9.8	14.8#

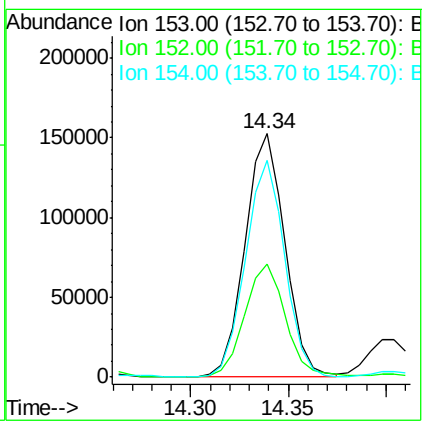


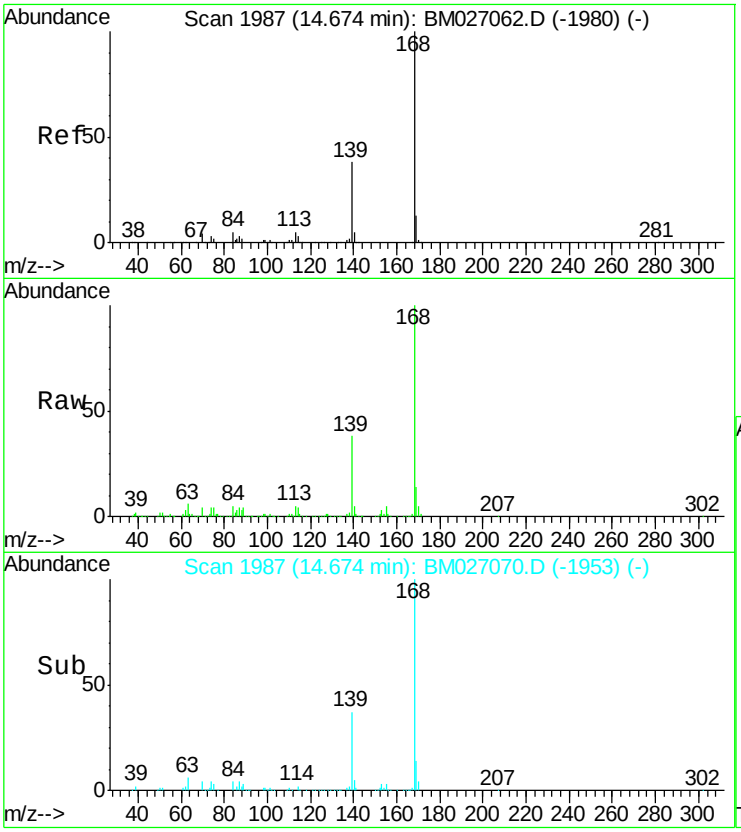


#50
Acenaphthene
Concen: 11.023 ng/ul
RT: 14.34 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:153 Resp: 216266

Ion	Ratio	Lower	Upper
153	100		
152	46.3	35.9	53.9
154	89.1	69.4	104.0



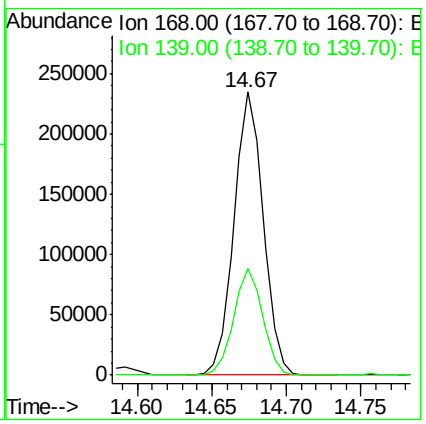


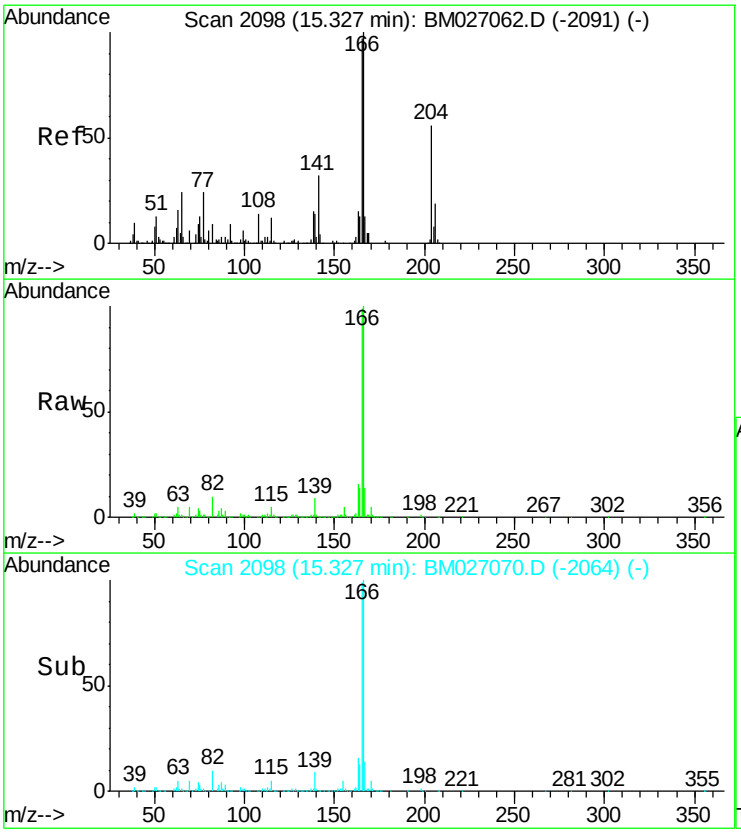
#54
Dibenzofuran
Concen: 11.406 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 320244

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.9	44.9

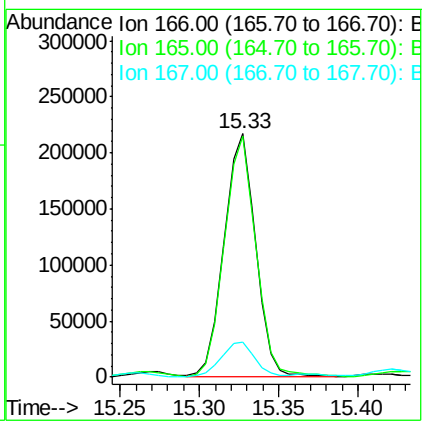


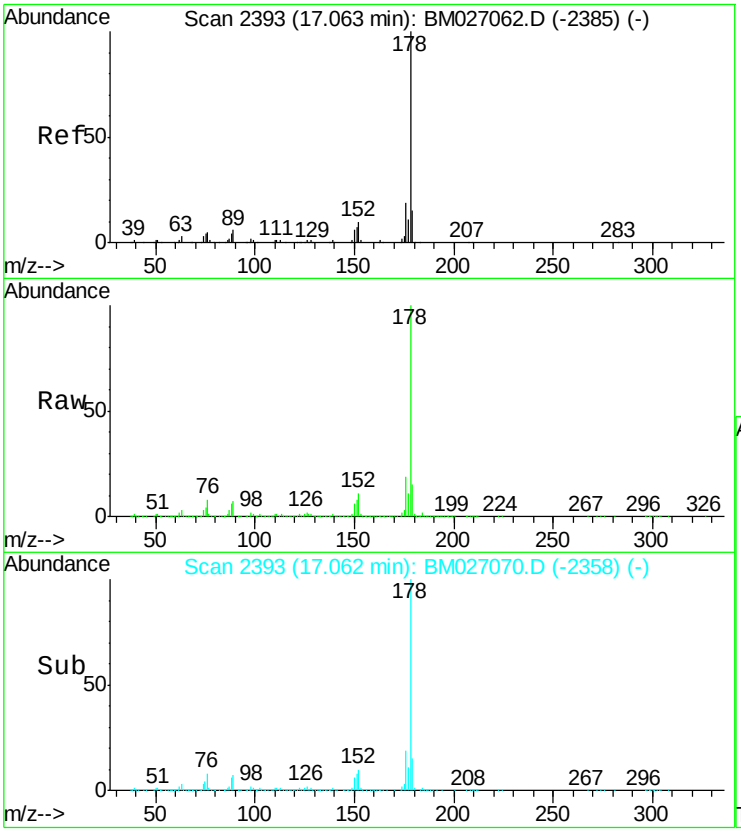


#59
Fluorene
Concen: 12.691 ng/ul
RT: 15.33 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:166 Resp: 298182

Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.9	115.3
167	14.2	10.5	15.7



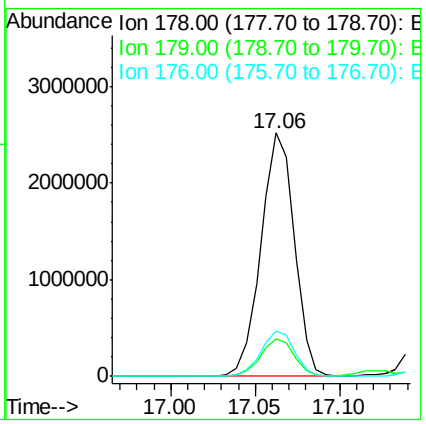


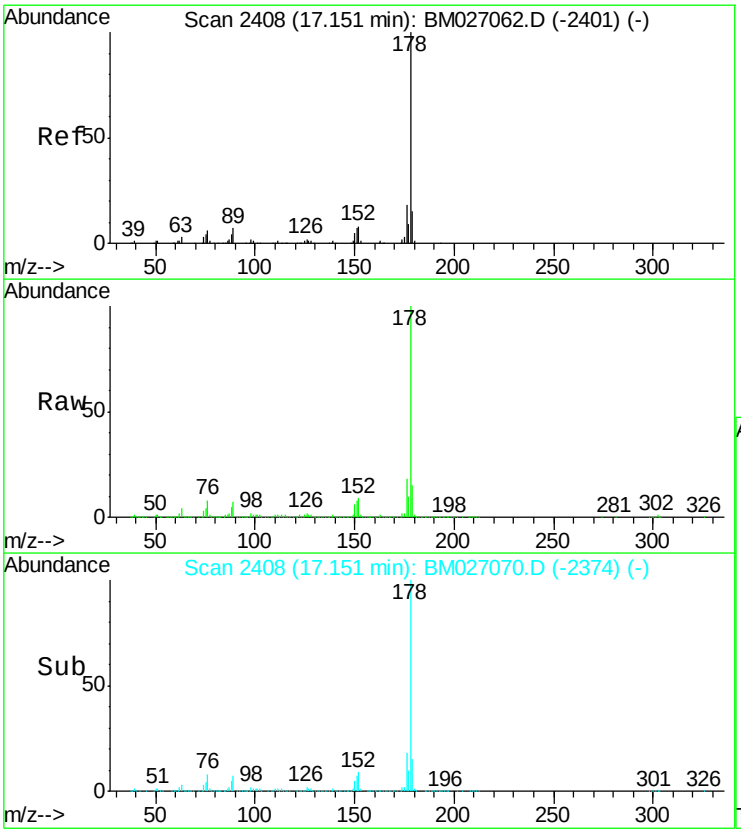
#70
Phenanthrene
Concen: 96.693 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3421549

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	18.7	14.6	22.0

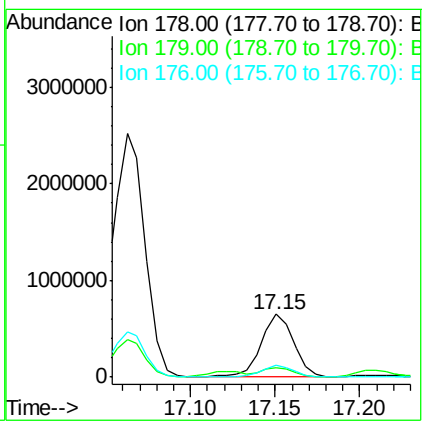


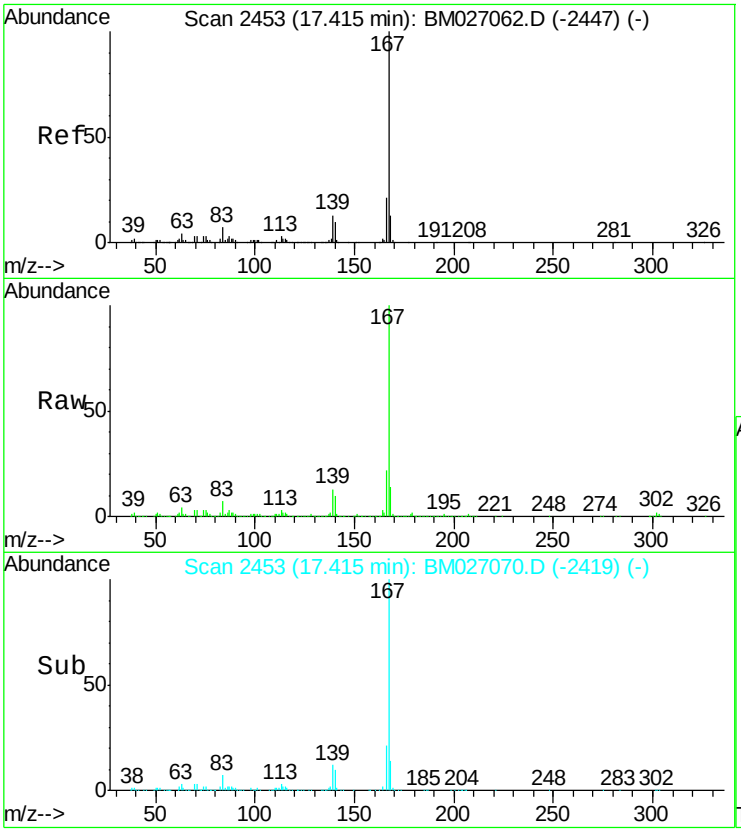


#72
Anthracene
Concen: 24.498 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:178 Resp: 882044

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.3	14.3	21.5



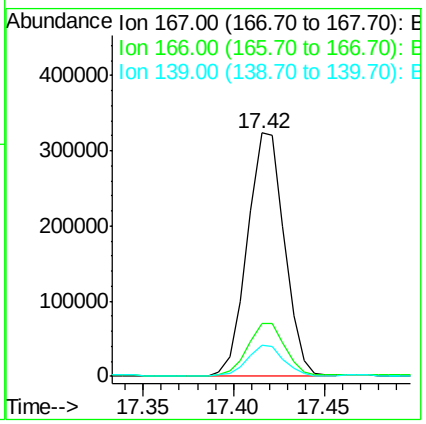


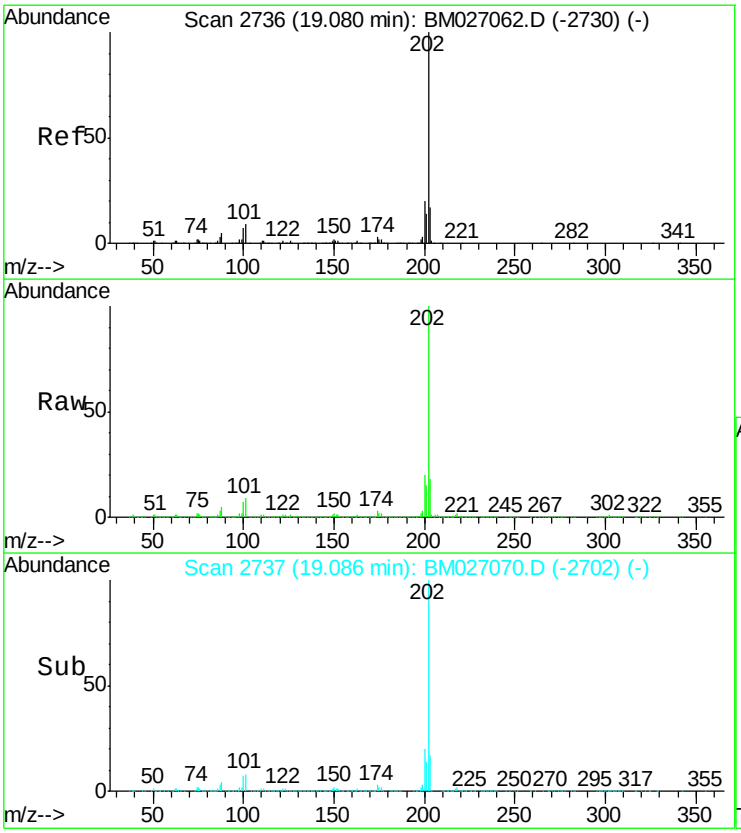
#75
Carbazole
Concen: 15.072 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 458071

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.9	9.8	14.6

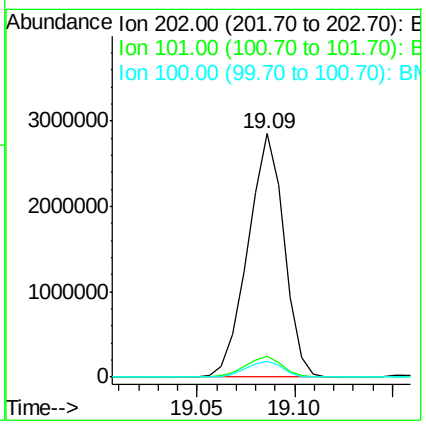


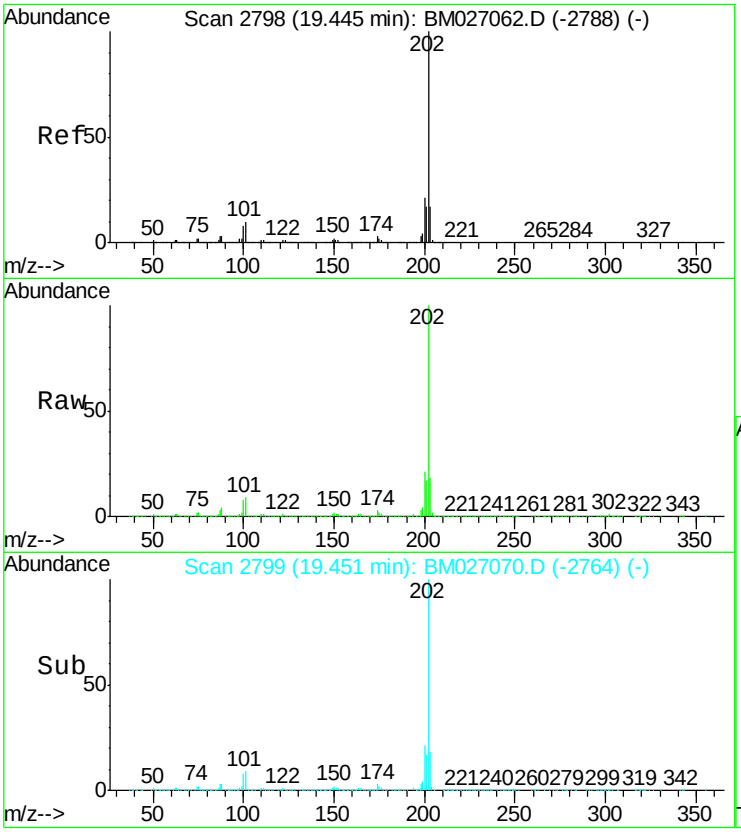


#77
Fluoranthene
Concen: 85.242 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:202 Resp: 3657658

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
100	6.7	5.4	8.2



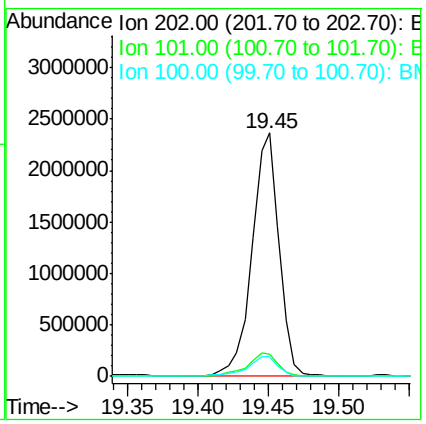


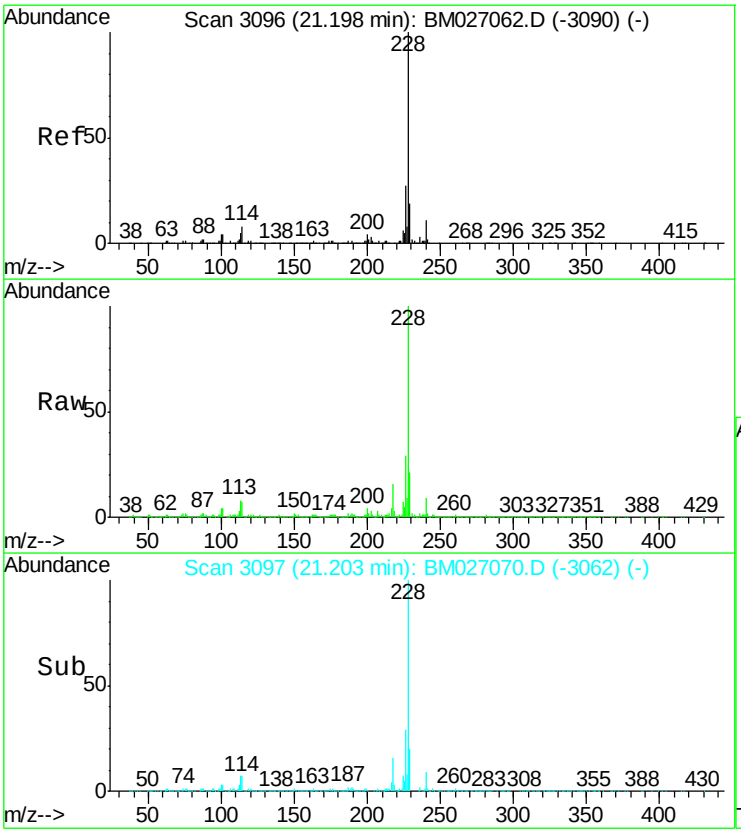
#80
Pyrene
Concen: 78.204 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3180509

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.6	11.4
100	7.9	6.3	9.5

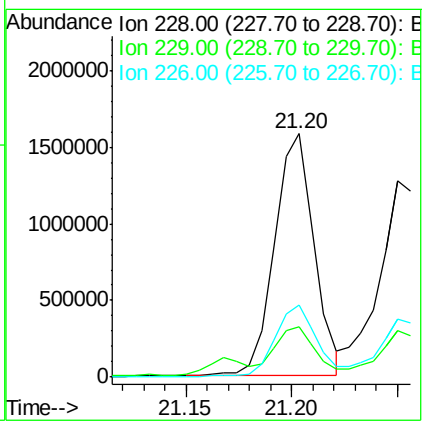


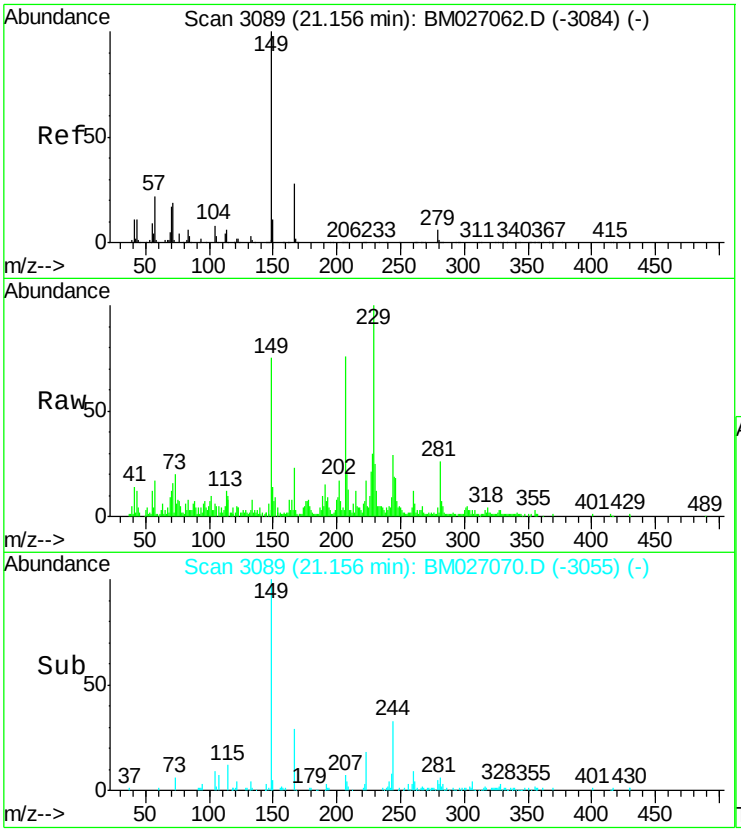


#83
Benzo(a)anthracene
Concen: 50.977 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:228 Resp: 2056198

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	29.5	21.2	31.8



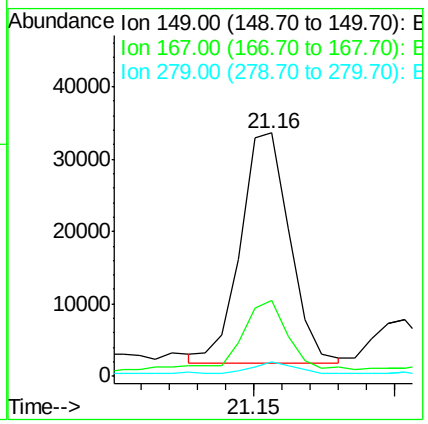


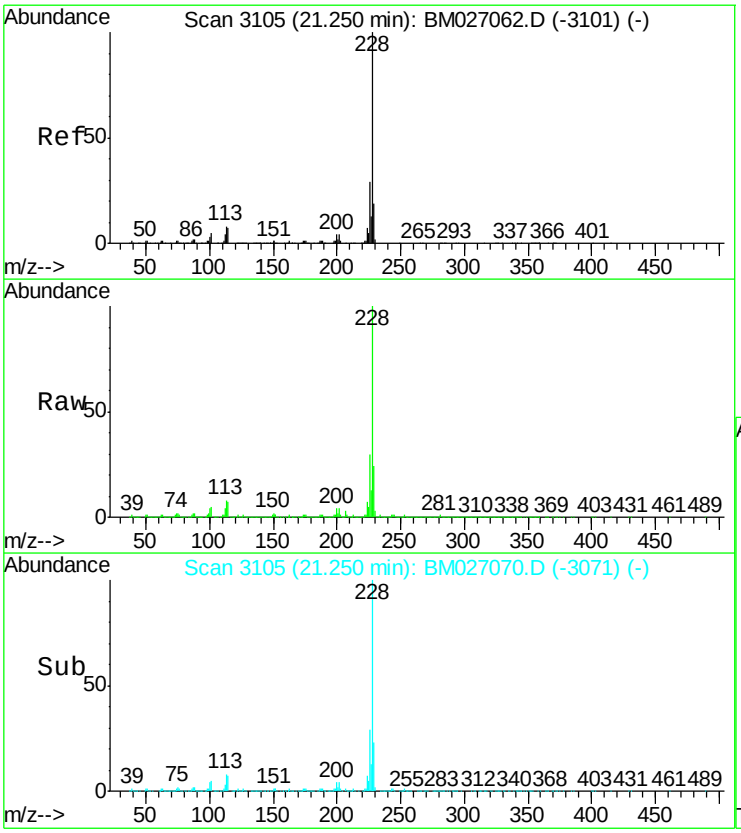
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.712 ng/ul
RT: 21.16 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 38655

Ion	Ratio	Lower	Upper
149	100		
167	31.1	21.6	32.4
279	5.7	3.9	5.9

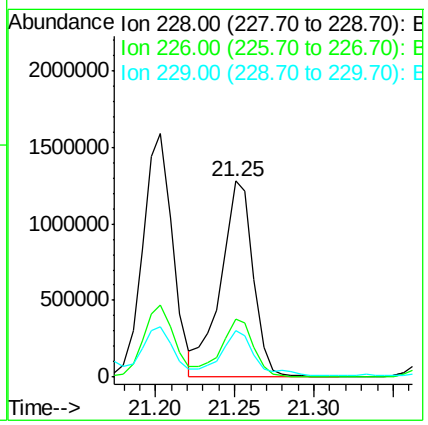


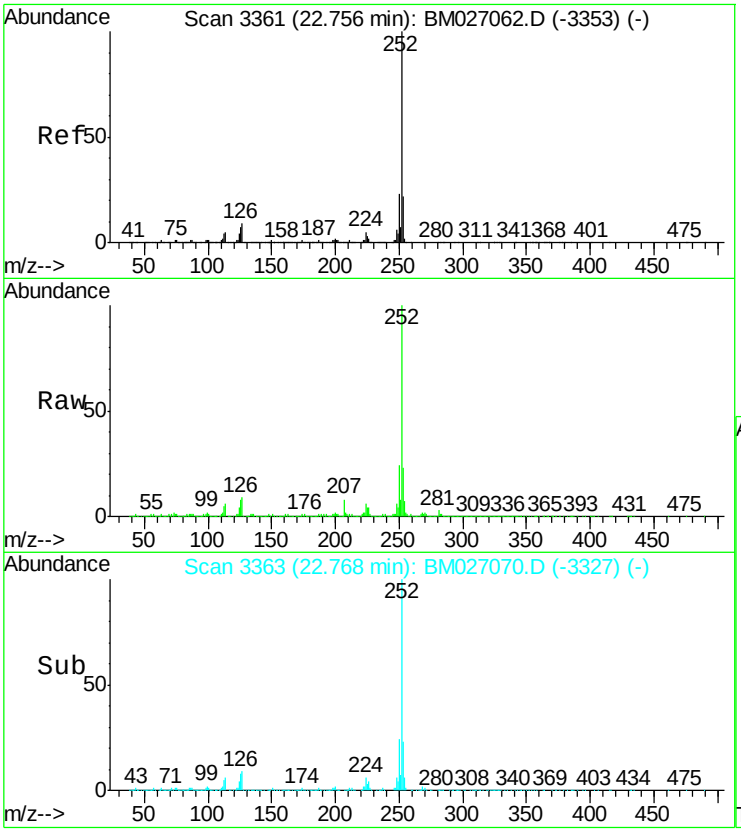


#85
Chrysene
Concen: 45.543 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:228 Resp: 1803189

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	23.7	15.8	23.8



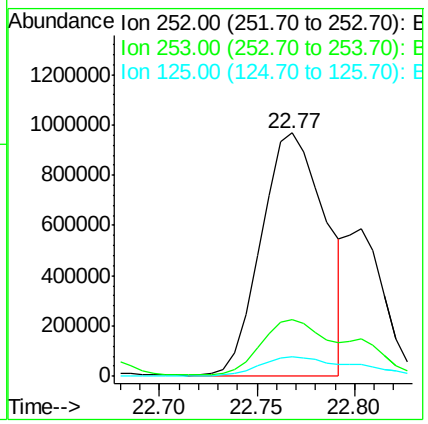


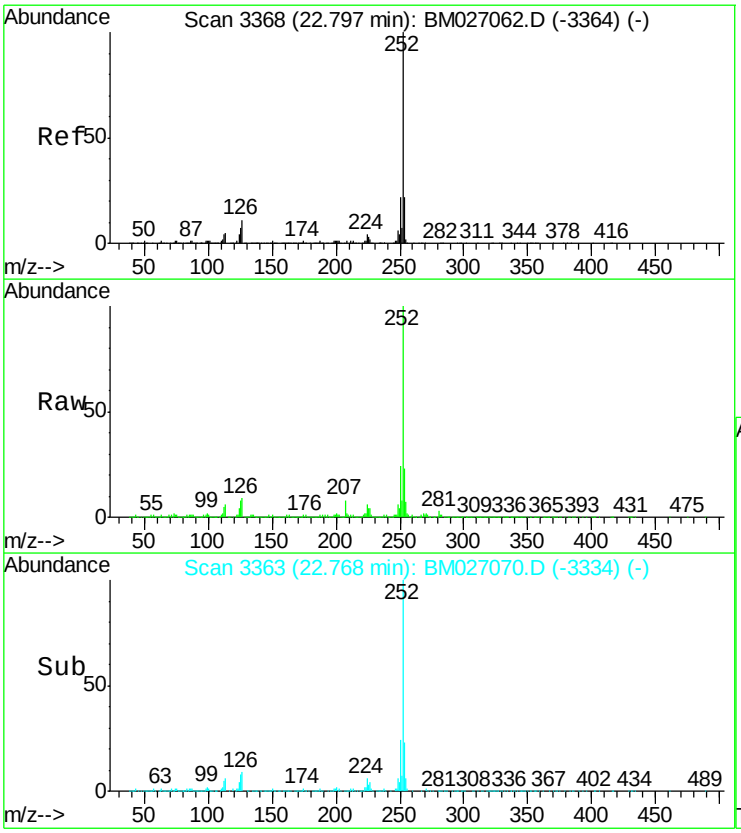
#88
Benzo(b)fluoranthene
Concen: 51.543 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2198331

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	8.0	6.0	9.0

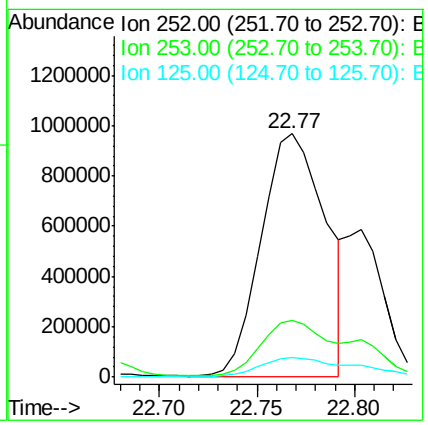


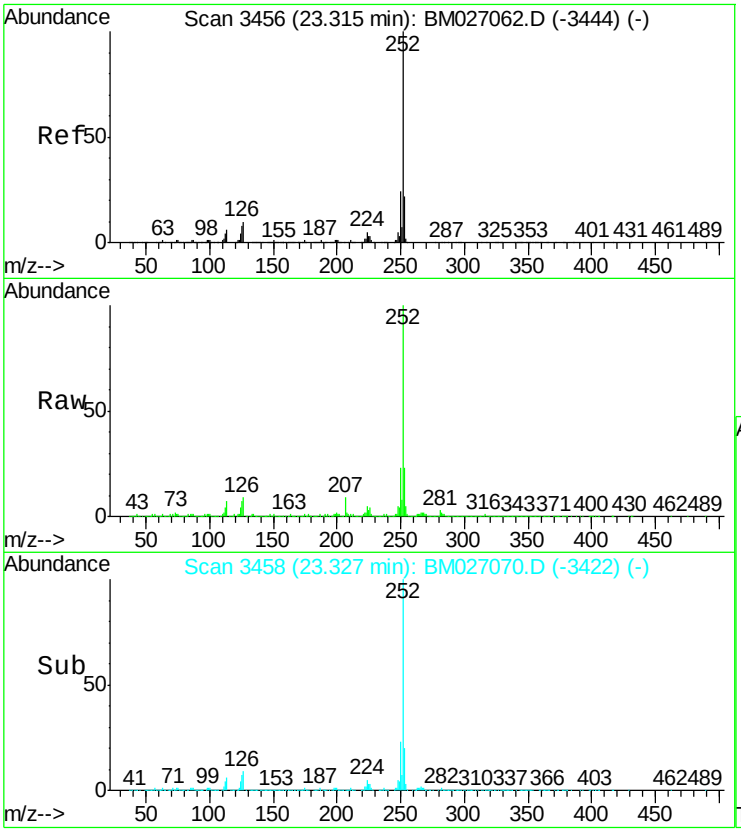


#89
Benzo(k)fluoranthene
Concen: 52.007 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:252 Resp: 2198331

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	8.0	5.5	8.3



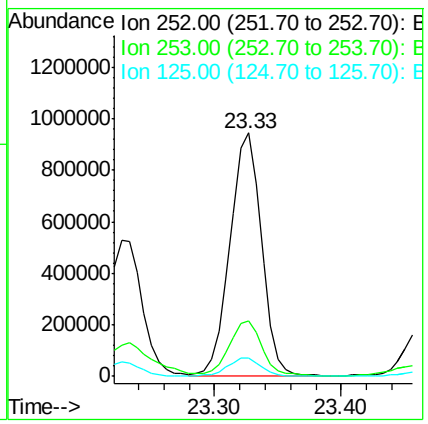


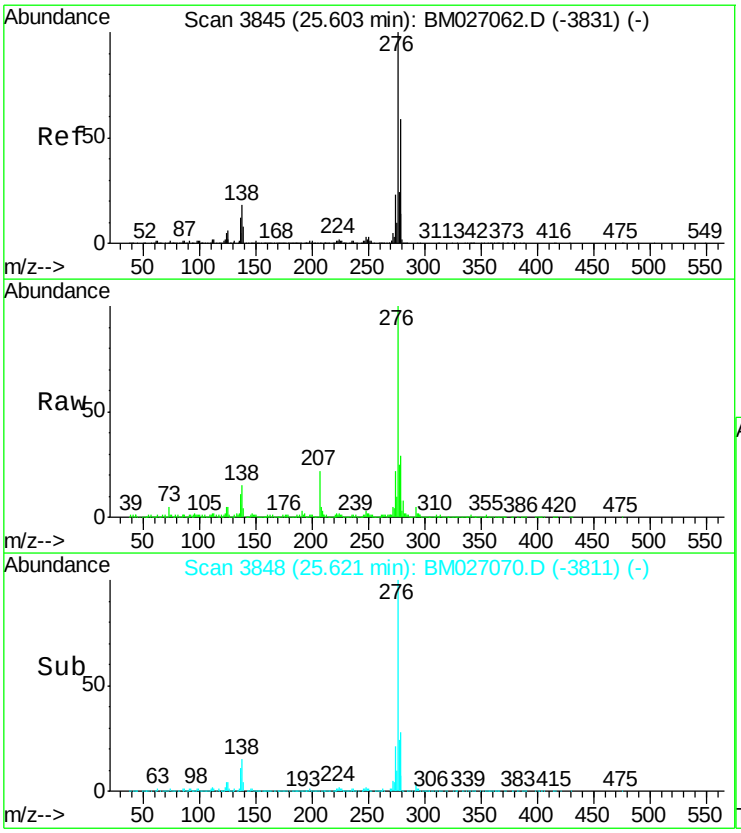
#91
Benzo(a)pyrene
Concen: 41.363 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1605526

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	7.4	5.8	8.8

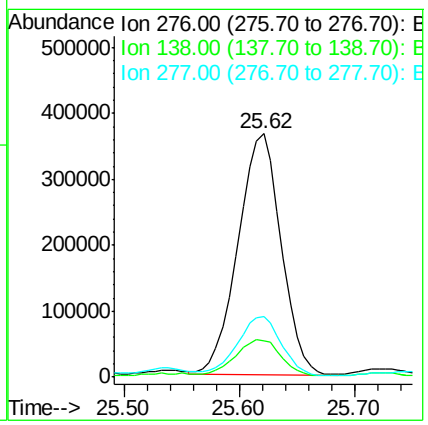


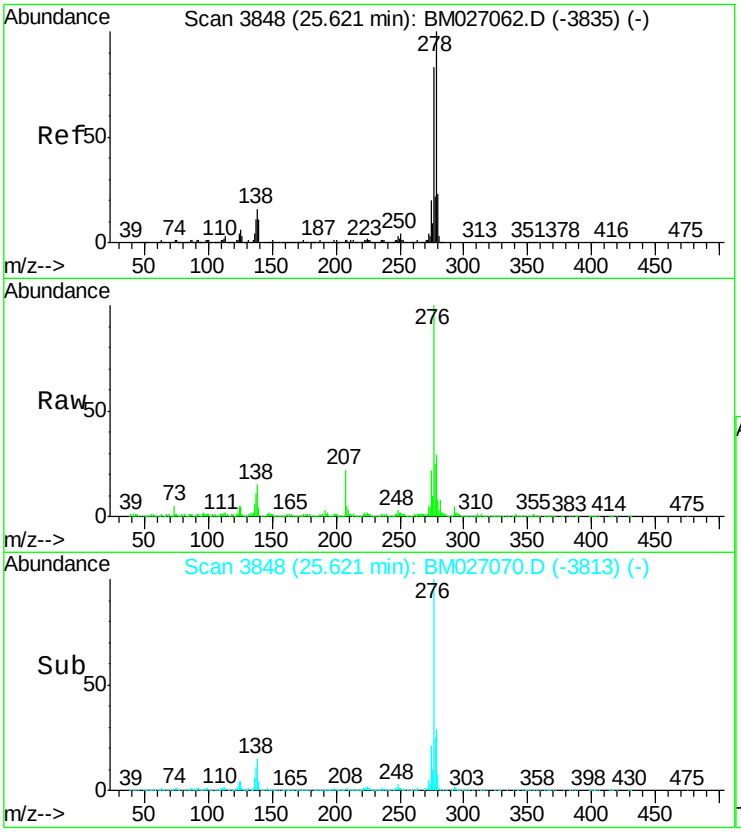


#92
Indeno(1,2,3-cd)pyrene
Concen: 19.026 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.02 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:276 Resp: 951554

Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.9	20.9
277	24.8	19.8	29.8



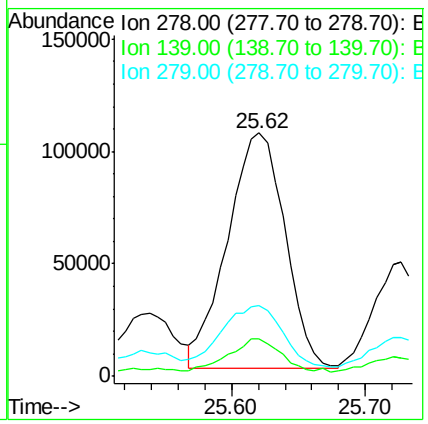


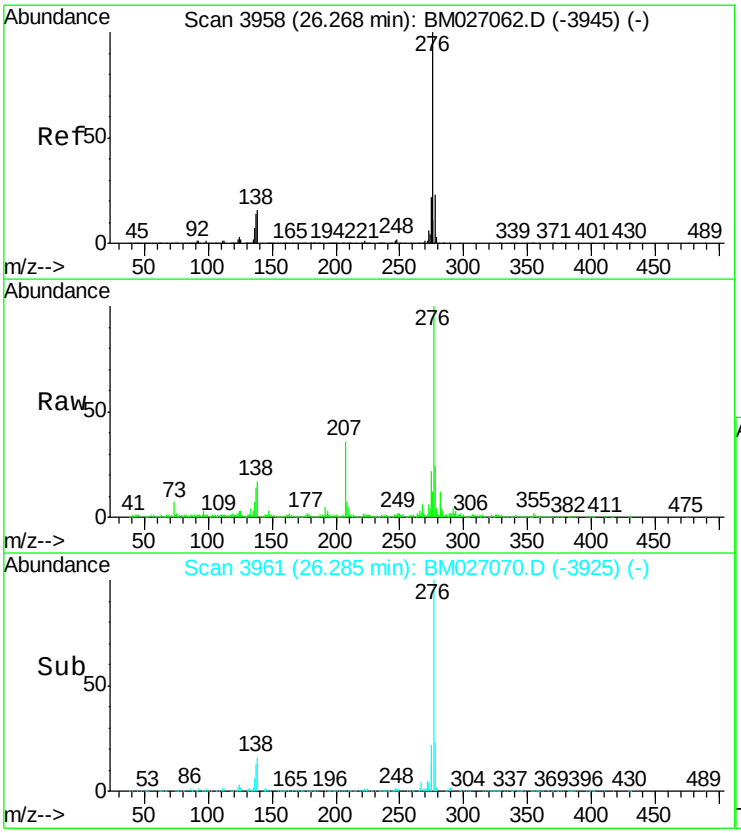
#93
Dibenzo(a,h)anthracene
Concen: 7.409 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 313851

Ion	Ratio	Lower	Upper
278	100		
139	15.3	9.4	14.0#
279	28.9	18.7	28.1#





#94
Benzo(g,h,i)perylene
Concen: 16.077 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. 0.01 min
Lab File: BM027070.D
Acq: 13 Aug 2020 20:40

Tgt Ion:276 Resp: 664125

Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.3	18.5
277	24.3	19.0	28.6