Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (Not Reviewed)

Data File : BM022311.D
Acq On : 25 Aug 2019 02:57
Operator : HP/JU
Sample : K4373-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Time: Aug 26 01:36:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	182940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	131767	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	309437	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	325711	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	278728	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4146	4.64	ng/uL	0.00
5) Phenol-d5	6.75	99	21380	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	56484	28.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	70085	25.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	47295	15.81	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	44830	32.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	54859	34.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	102054	31.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	16504	4.20	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	385322	33.21	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	403205	32.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	12022	6.99	ng/ul	0.03
57) Fluorene-d10	15.22	176	334788	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	56144	23.51	ng/ul	0.00
70) Anthracene-d10	17.07	188	590098	36.01	ng/ul	0.00
78) Pyrene-d10	19.39	212	748317	44.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	548214	35.80	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.78	94	4579	1.239	ng/ul#	73
17) Hexachloroethane	8.63	117	2335	1.647	ng/ul#	1
21) Isophorone	9.43	82	7461	1.019	ng/ul#	73
24) 2,4-Dimethylphenol	9.56	107	22167	5.421	ng/ul#	90
28) Naphthalene	10.39	128	3191521	316.124	ng/ul	99
30) 4-Chloroaniline	10.39	127	429365	104.946	ng/ul#	6
34) 2-Methylnaphthalene	12.00	142	110643	14.224	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	74661	6.962	ng/ul	96
44) Dimethylphthalate	13.69	163	43627	3.695	ng/ul	99
47) Acenaphthylene	13.93	152	49662	3.832	ng/ul#	86
48) 3-Nitroaniline	14.29	138	2429	1.258	ng/ul#	16
49) Acenaphthene	14.29	153	1819041	197.686	ng/ul	99
53) Dibenzofuran	14.62	168	1134369	82.770	ng/ul	94
58) Fluorene	15.27	166	587476	50.893	ng/ul	99
69) Phenanthrene	17.02	178	1542643	83.332	ng/ul	99
71) Anthracene	17.11	178	241281	12.525	ng/ul	100
74) Carbazole	17.40	167	276777	15.907	ng/ul	99
76) Fluoranthene	19.05	202	709993	25.451	ng/ul	98
79) Pyrene	19.42	202	455500	21.606	ng/ul	97
82) Benzo(a)anthracene	21.17	228	87664	3.576	ng/ul	96
84) Chrysene	21.22	228	62374	2.721	ng/ul	96
87) Benzo(b)fluoranthene	22.72	252	45235	2.333	ng/ul#	91
90) Benzo(a)pyrene	23.28	252	26598	1.439	ng/ul#	89

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (Not Reviewed)

Data File : BM022311.D
Acq On : 25 Aug 2019 02:57
Operator : HP/JU
Sample : K4373-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4

Quant Time: Aug 26 01:36:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

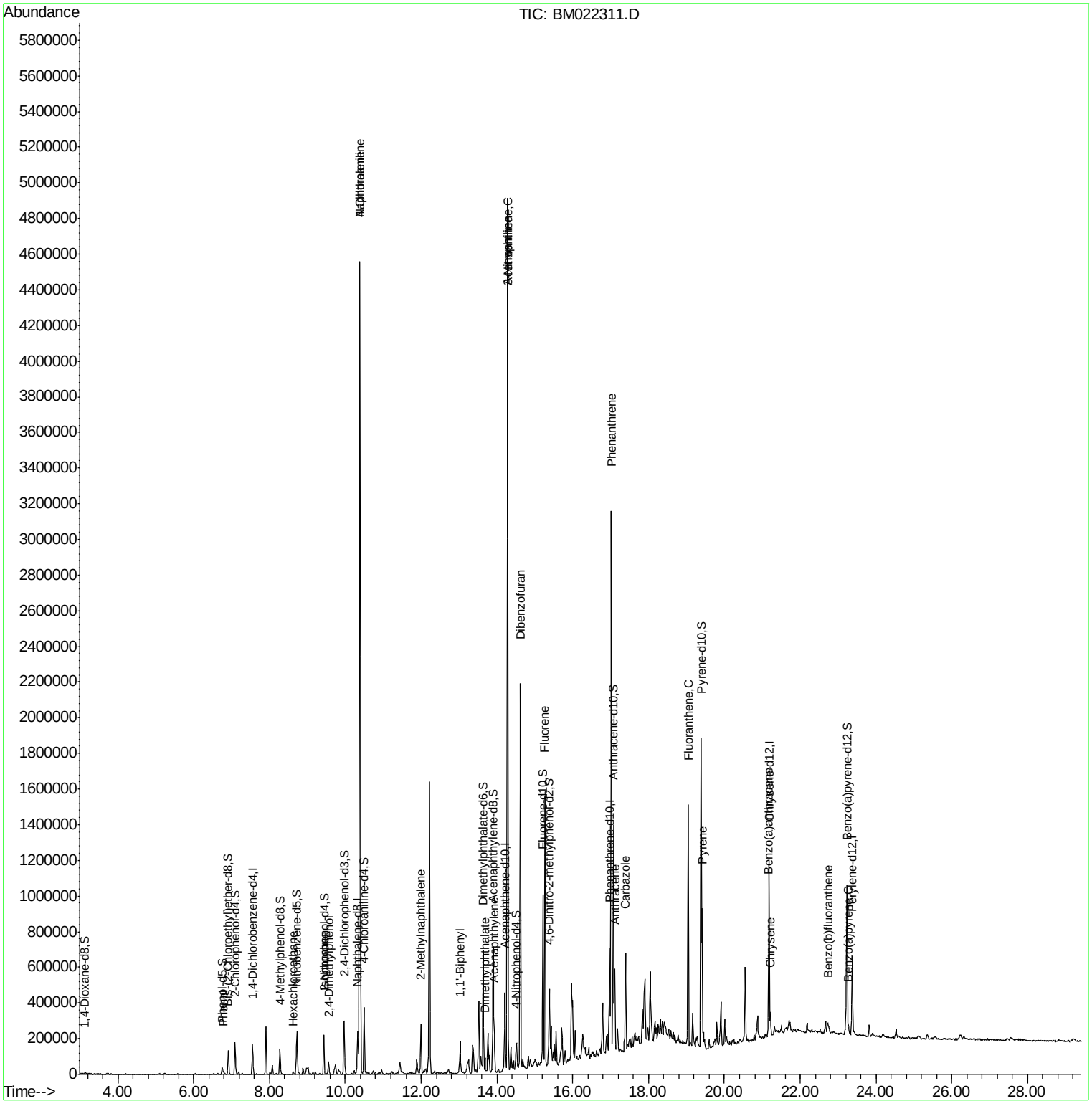
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

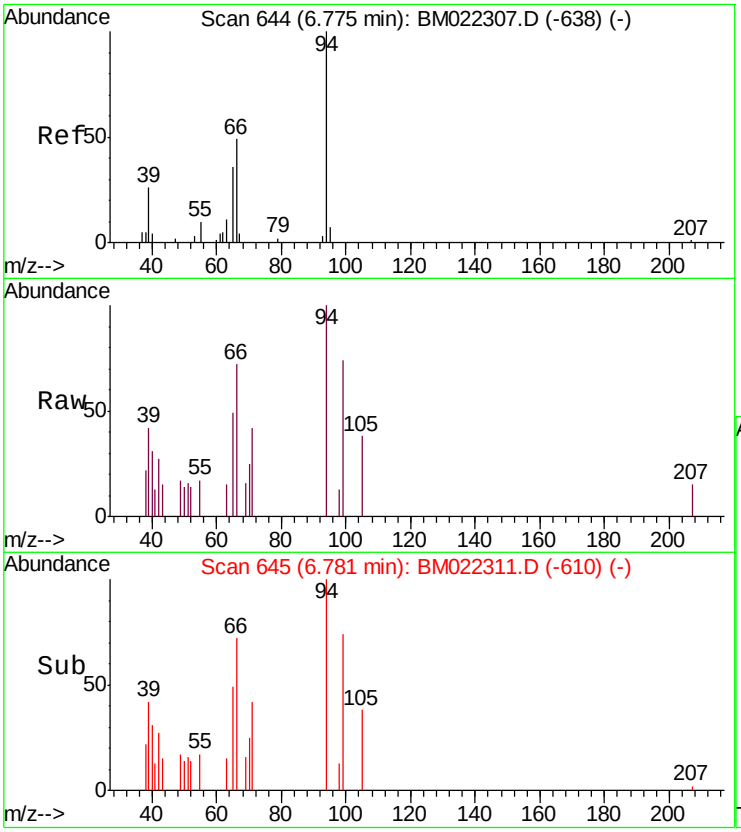
Quantitation Report (Not Reviewed)

Data File : BM022311.D
Acq On : 25 Aug 2019 02:57
Operator : HP/JU
Sample : K4373-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4

Quant Time: Aug 26 01:36:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration



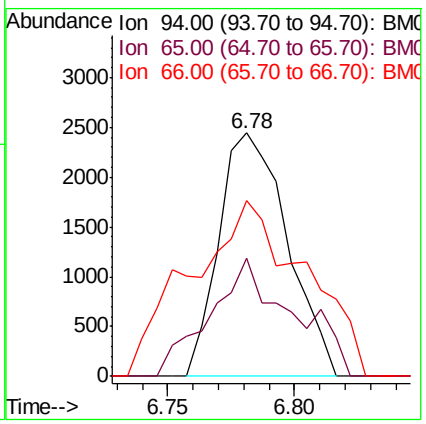


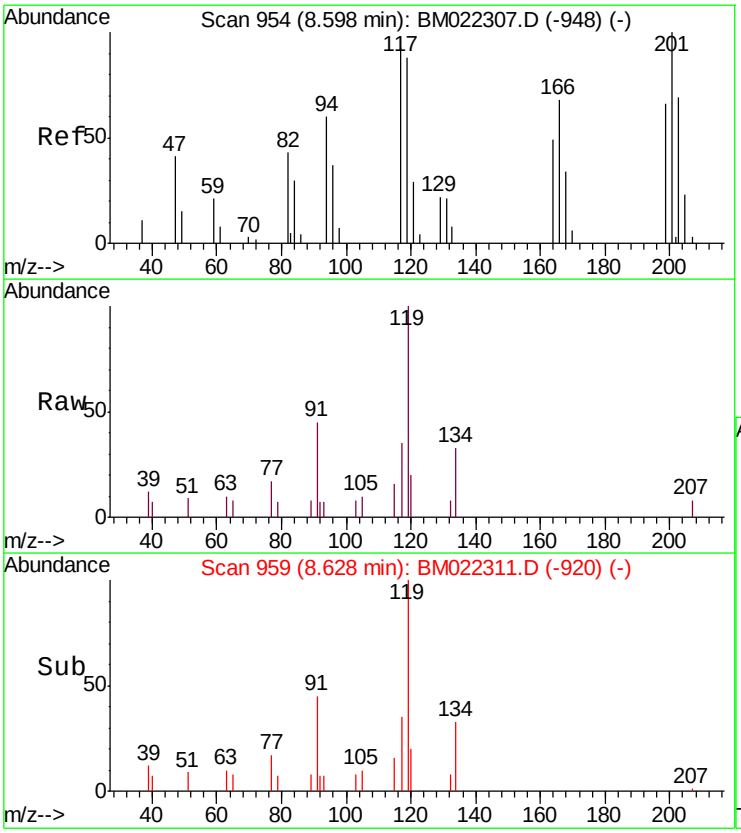
#6
Phenol
Concen: 1.239 ng/ul
RT: 6.78 min Scan# 645
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion: 94 Resp: 4579

Ion	Ratio	Lower	Upper
94	100		
65	48.5	29.2	43.8#
66	72.3	40.6	60.8#

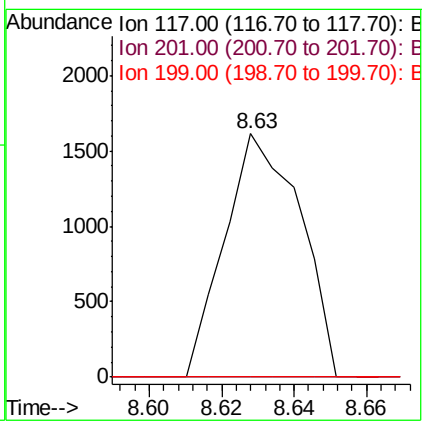


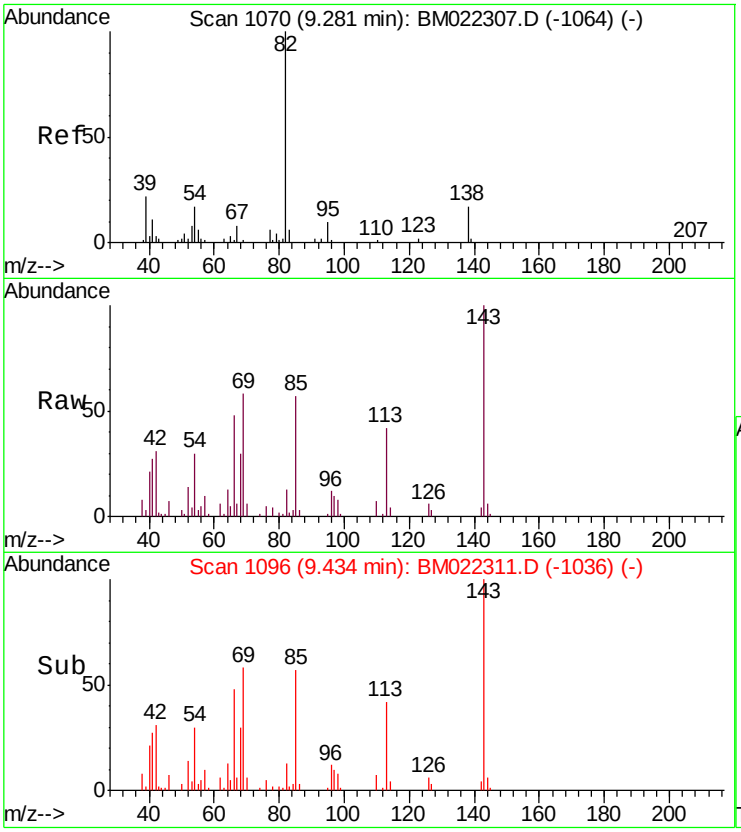


#17
Hexachloroethane
Concen: 1.647 ng/ul
RT: 8.63 min Scan# 959
Delta R.T. 0.03 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:117 Resp: 2335

Ion	Ratio	Lower	Upper
117	100		
201	0.0	95.9	143.9#
199	0.0	60.6	90.8#



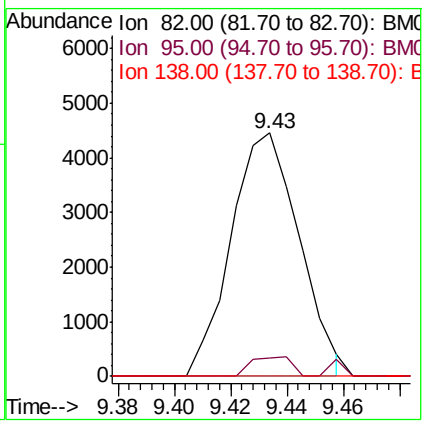


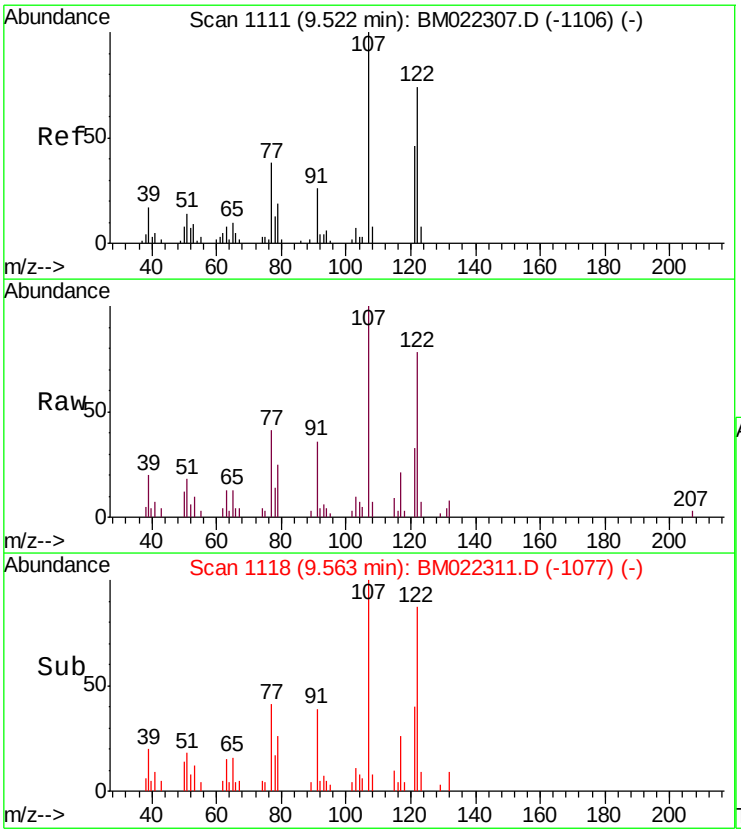
#21
Isophorone
Concen: 1.019 ng/ul
RT: 9.43 min Scan# 1096
Delta R.T. 0.15 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion: 82 Resp: 7461

Ion	Ratio	Lower	Upper
82	100		
95	7.8	7.2	10.8
138	0.0	13.8	20.6#

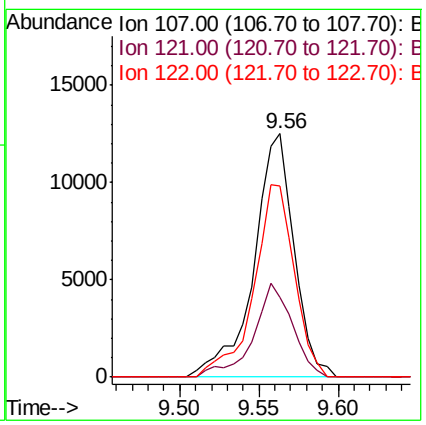


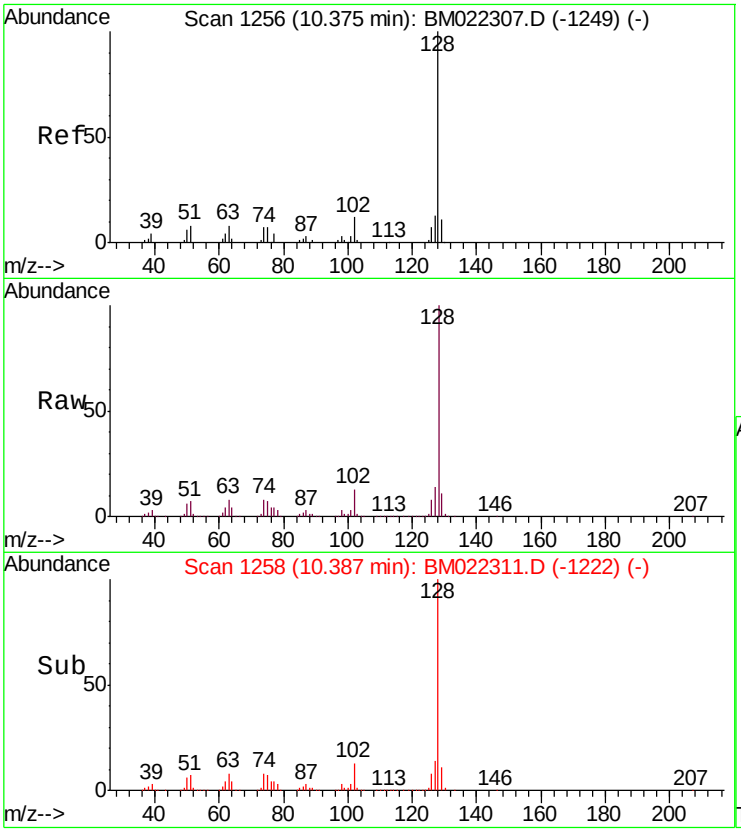


#24
2,4-Dimethylphenol
Concen: 5.421 ng/ul
RT: 9.56 min Scan# 1118
Delta R.T. 0.04 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:107 Resp: 22167

Ion	Ratio	Lower	Upper
107	100		
121	33.0	33.6	50.4#
122	78.3	58.0	87.0



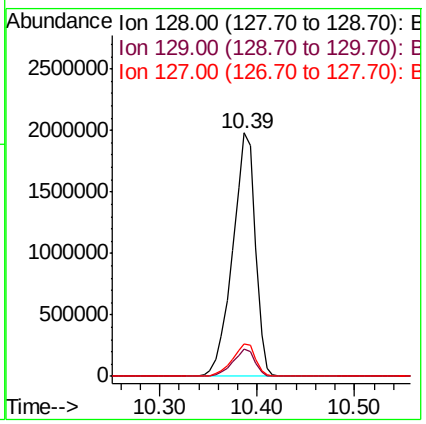


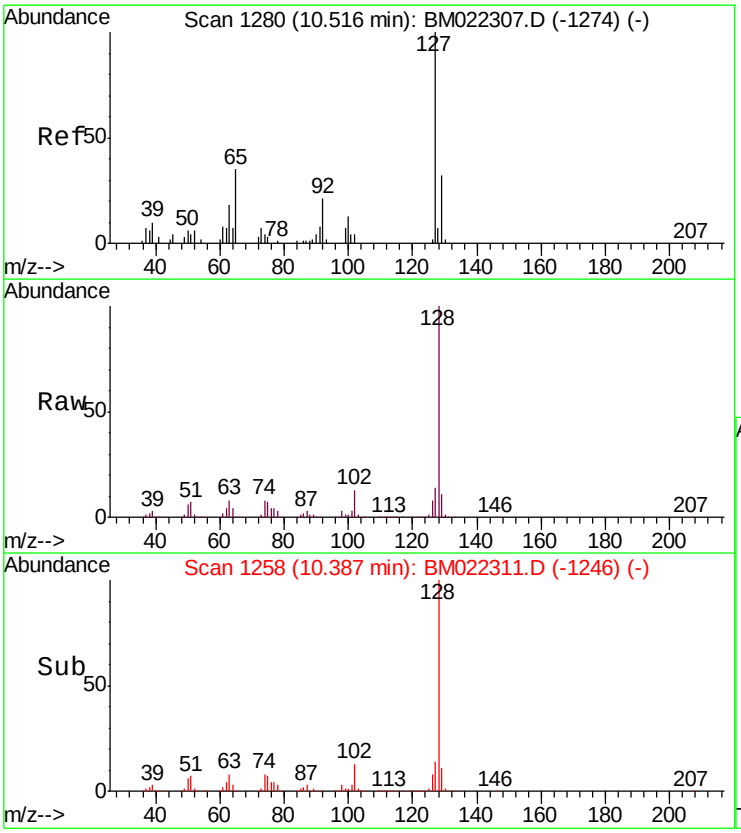
#28
Naphthalene
Concen: 316.124 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:128 Resp: 3191521

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.5	10.4	15.6

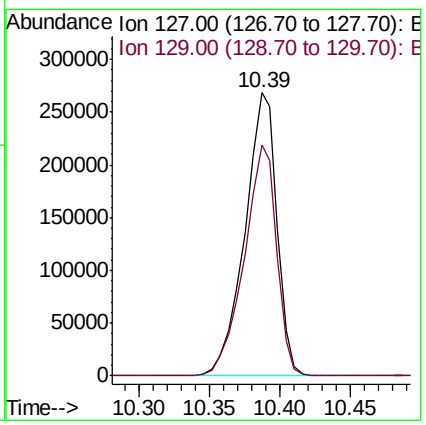


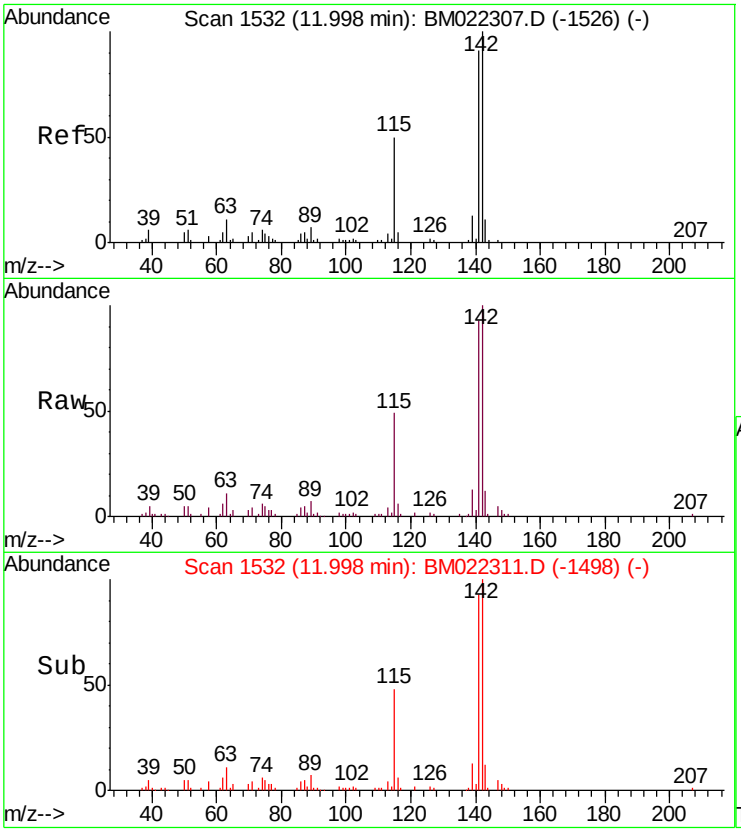


#30
4-Chloroaniline
Concen: 104.946 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. -0.13 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:127 Resp: 429365

Ion	Ratio	Lower	Upper
127	100		
129	81.4	24.2	36.4#



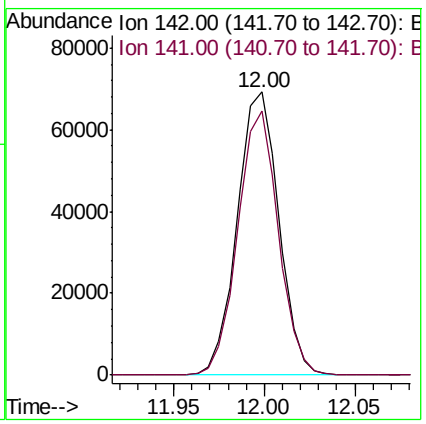


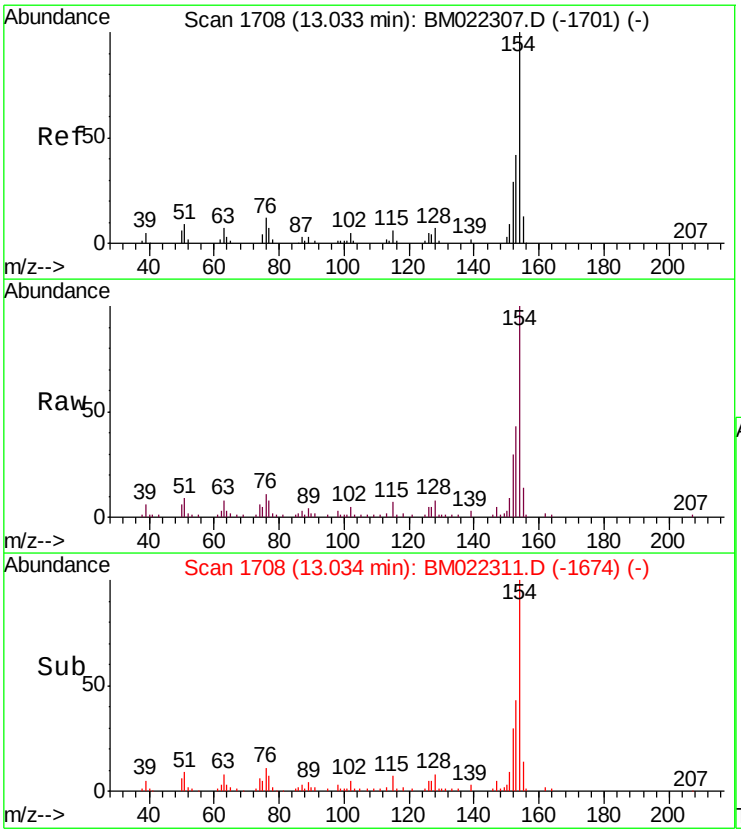
#34
2-Methylnaphthalene
Concen: 14.224 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:142 Resp: 110643

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.1	112.7

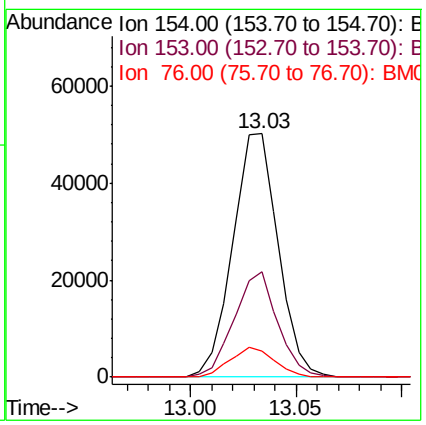


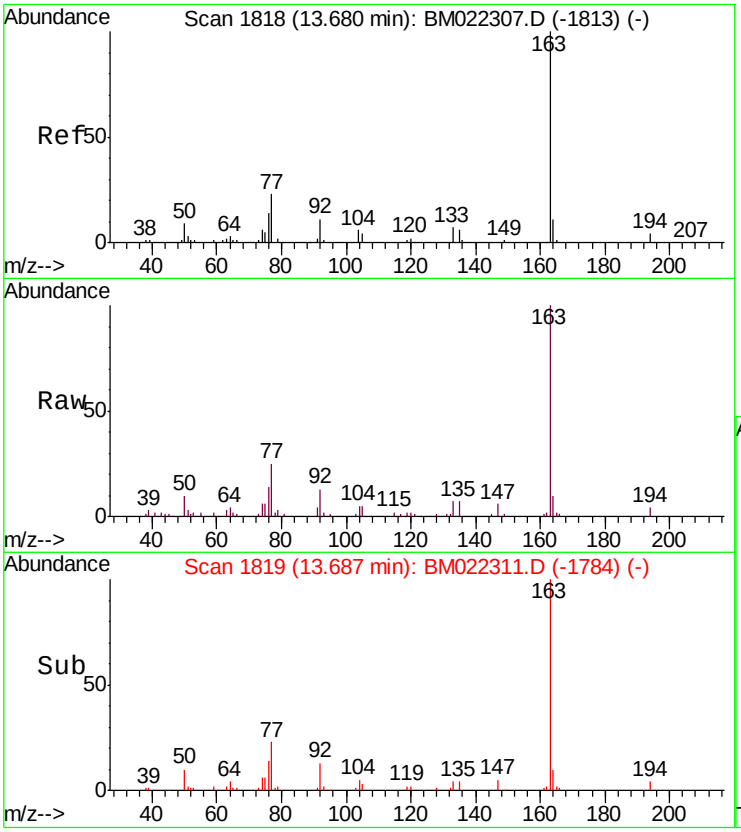


#40
1,1'-Biphenyl
Concen: 6.962 ng/ul
RT: 13.03 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:154 Resp: 74661

Ion	Ratio	Lower	Upper
154	100		
153	43.1	32.5	48.7
76	10.6	9.2	13.8



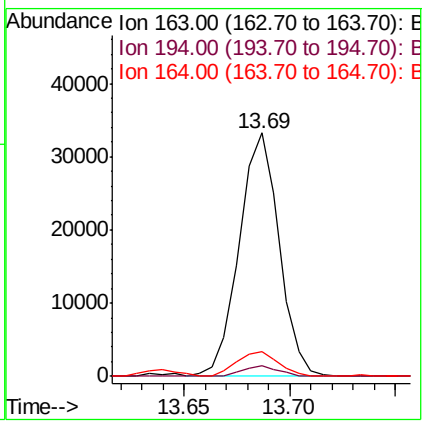


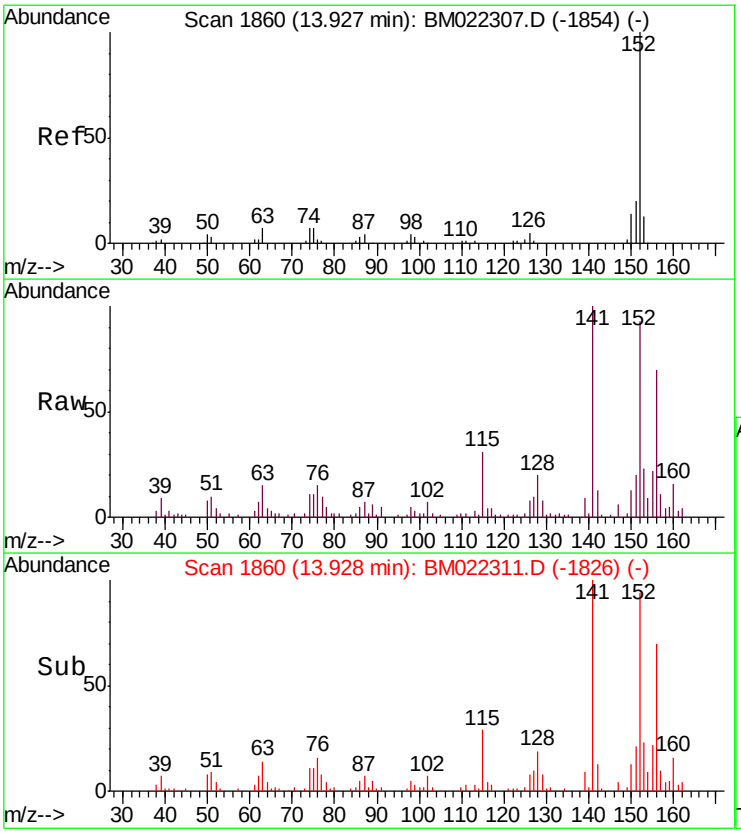
#44
Dimethylphthalate
Concen: 3.695 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:163 Resp: 43627

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.0	7.8	11.8

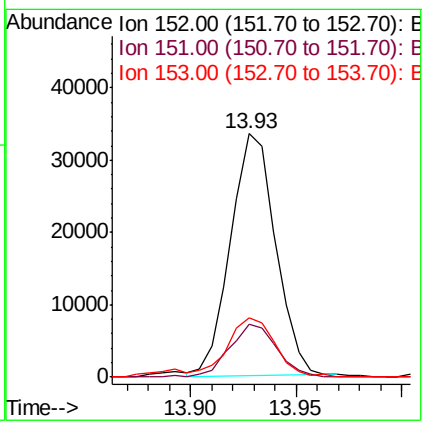


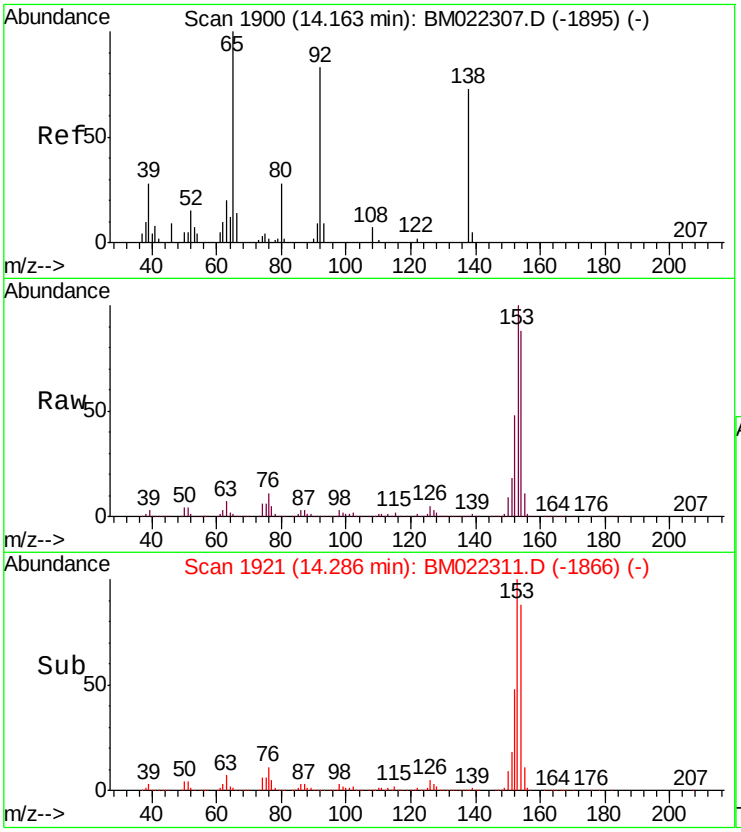


#47
Acenaphthylene
Concen: 3.832 ng/ul
RT: 13.93 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:152 Resp: 49662

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.0	24.0
153	24.4	10.4	15.6#



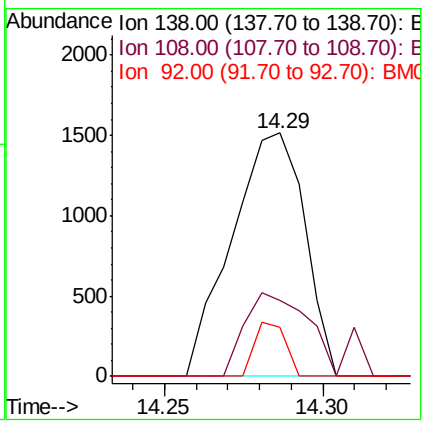


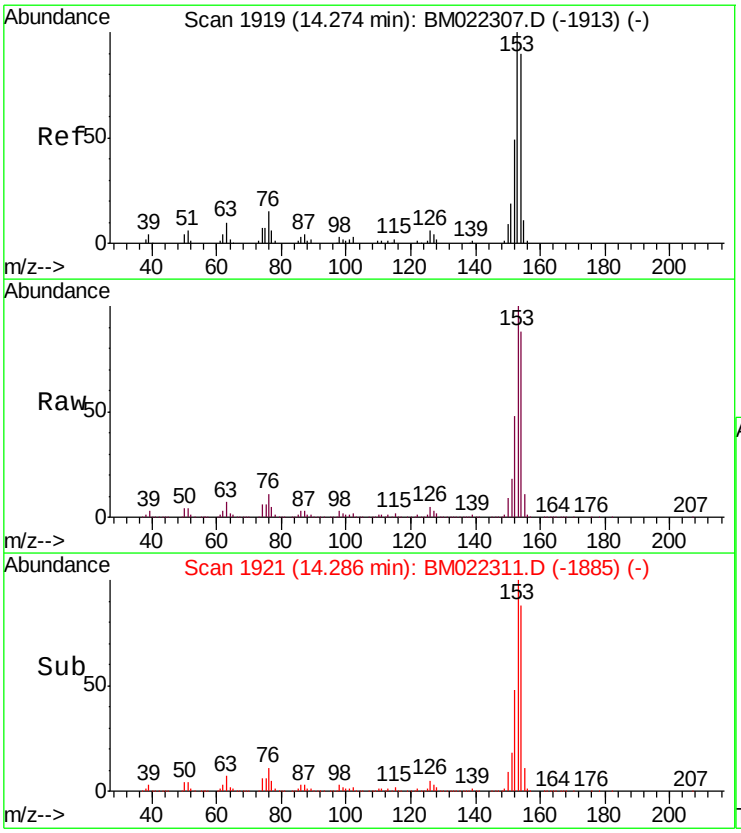
#48
3-Nitroaniline
Concen: 1.258 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.12 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:138 Resp: 2429

Ion	Ratio	Lower	Upper
138	100		
108	31.2	8.4	12.6#
92	20.1	90.1	135.1#

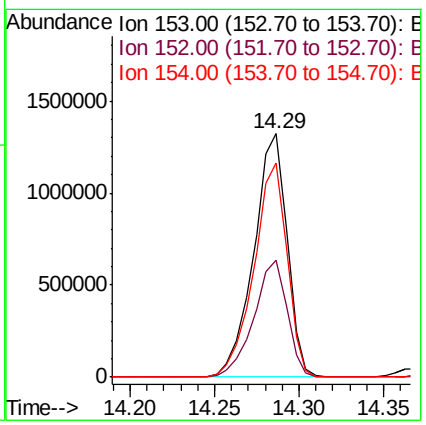


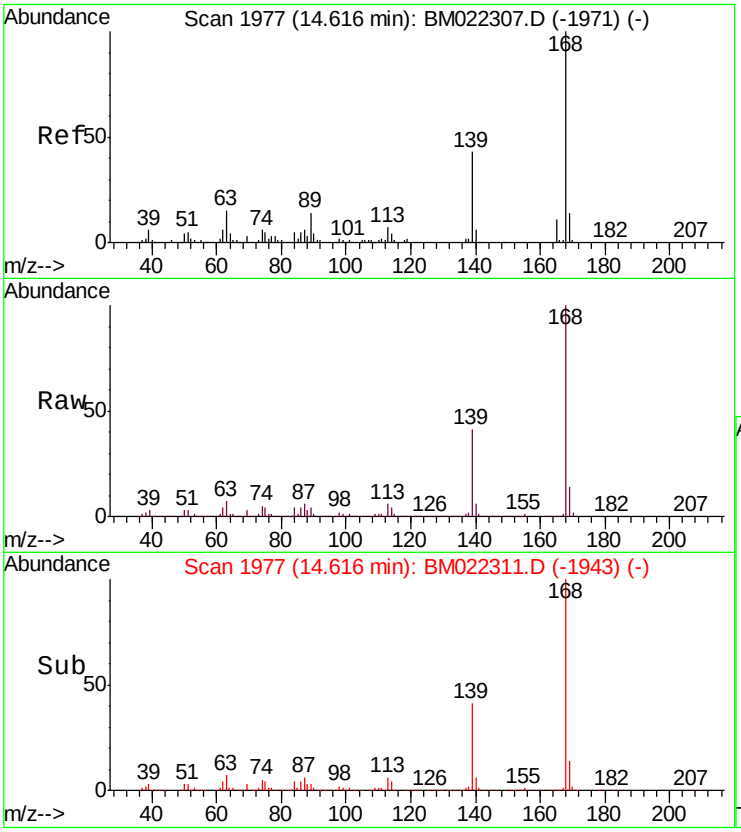


#49
Acenaphthene
Concen: 197.686 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:153 Resp: 1819041

Ion	Ratio	Lower	Upper
153	100		
152	48.1	38.6	58.0
154	87.8	68.9	103.3



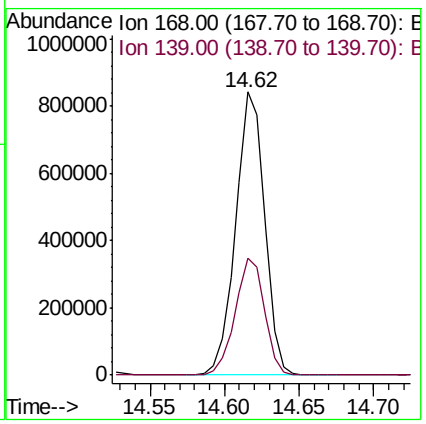


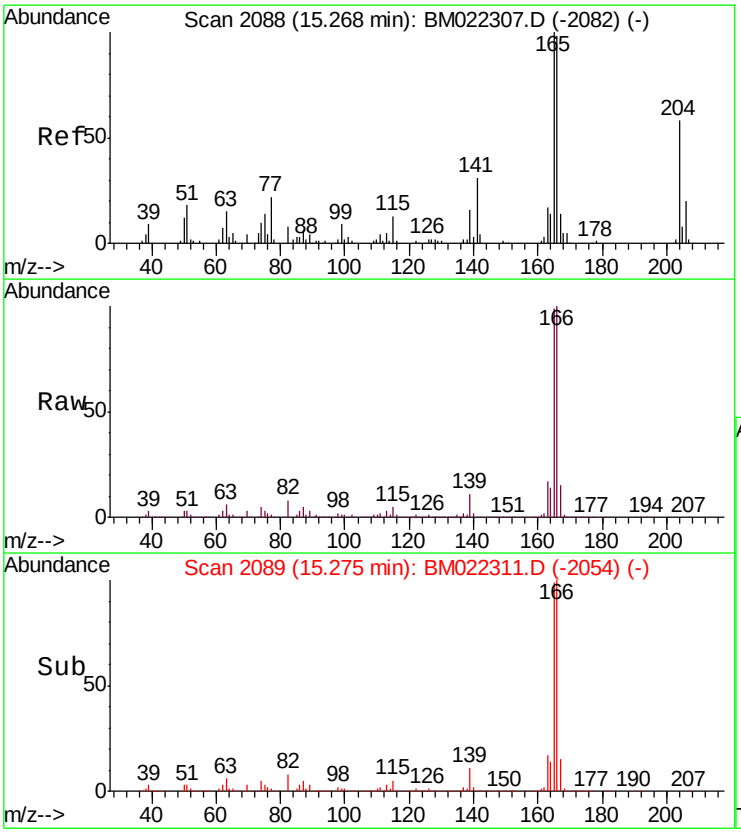
#53
Dibenzofuran
Concen: 82.770 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:168 Resp: 1134369

Ion	Ratio	Lower	Upper
168	100		
139	41.3	36.2	54.4

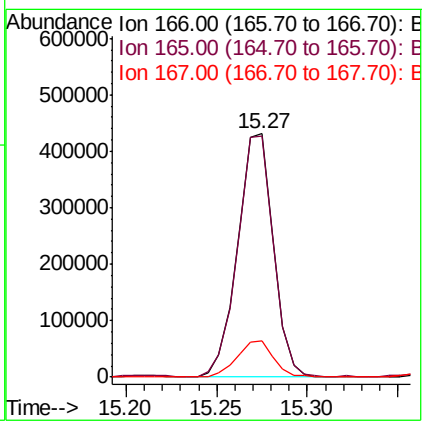


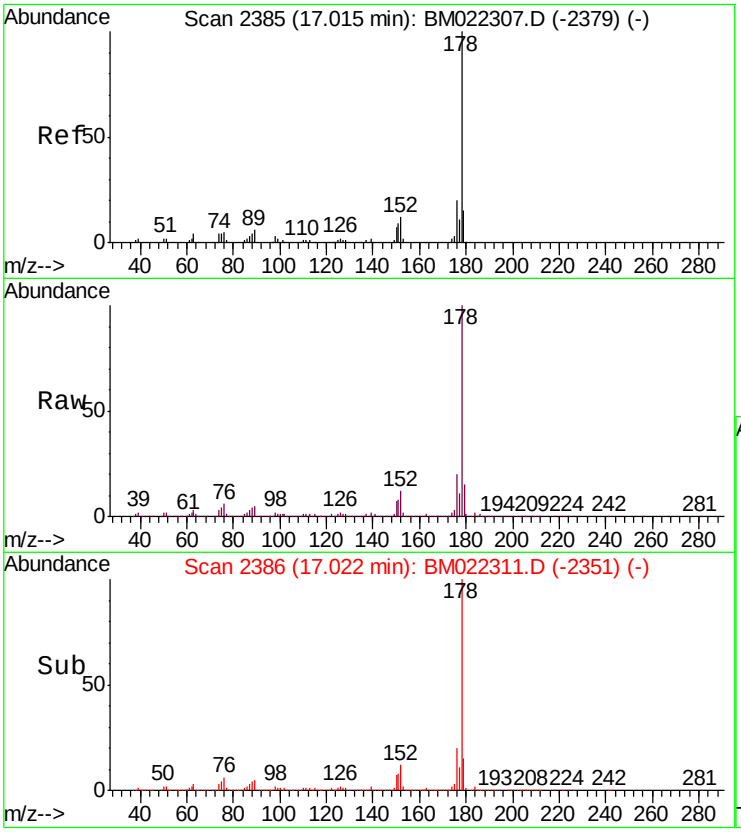


#58
Fluorene
Concen: 50.893 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:166 Resp: 587476

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.2	120.2
167	14.8	11.4	17.0



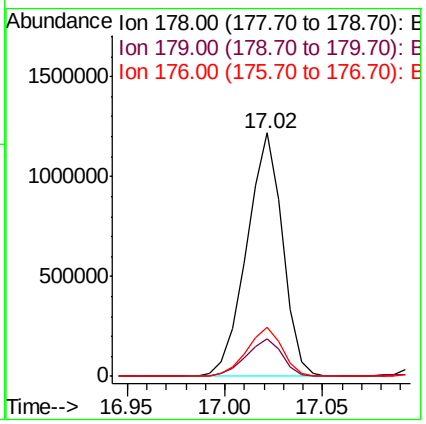


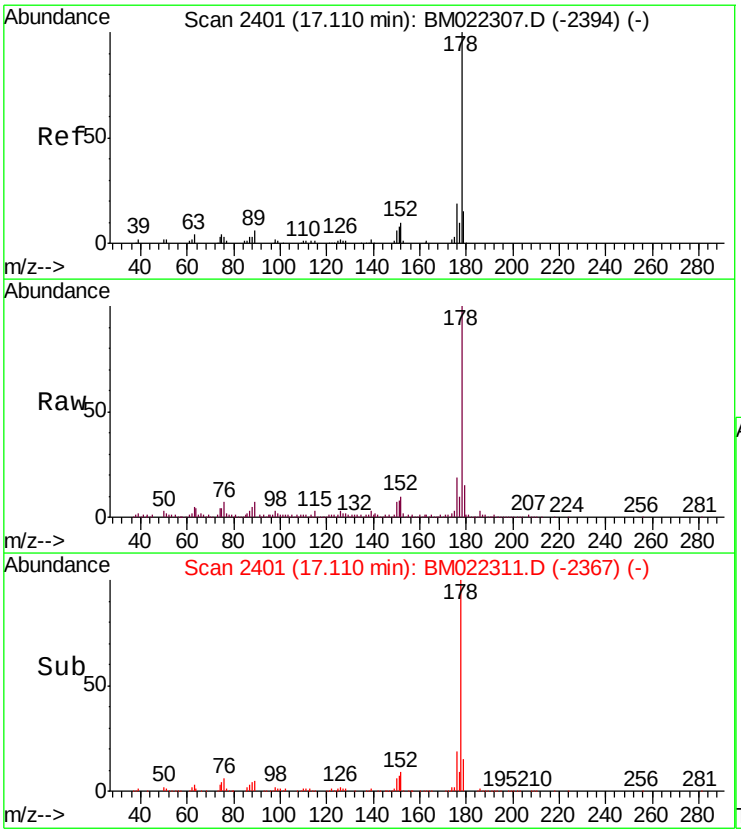
#69
Phenanthrene
Concen: 83.332 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:178 Resp: 1542643

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.9	15.4	23.0

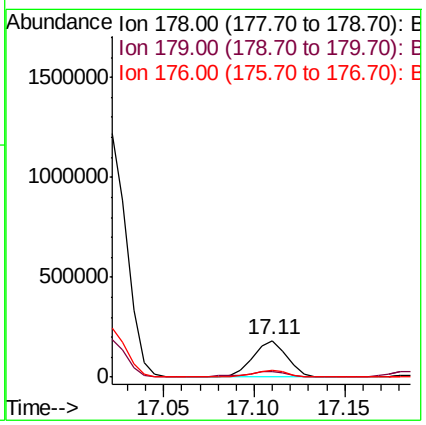


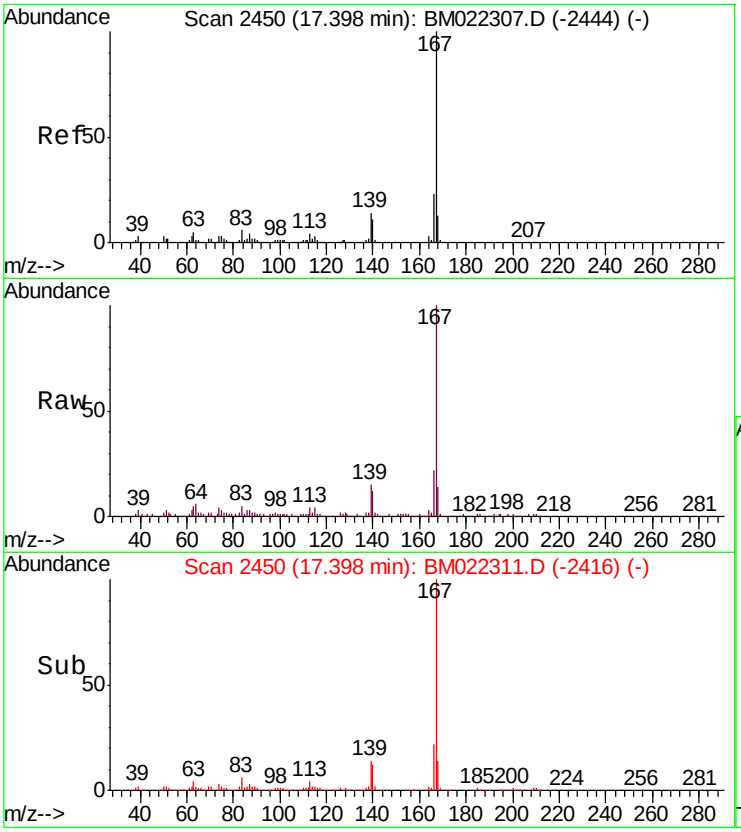


#71
Anthracene
Concen: 12.525 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:178 Resp: 241281

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.5	15.5	23.3



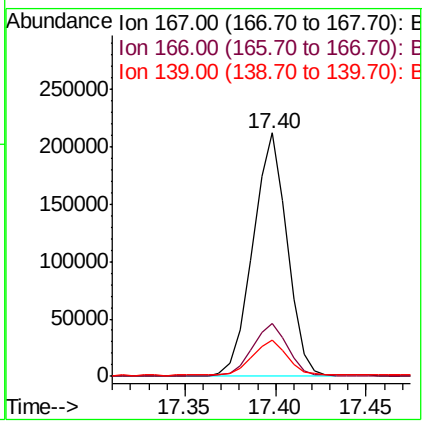


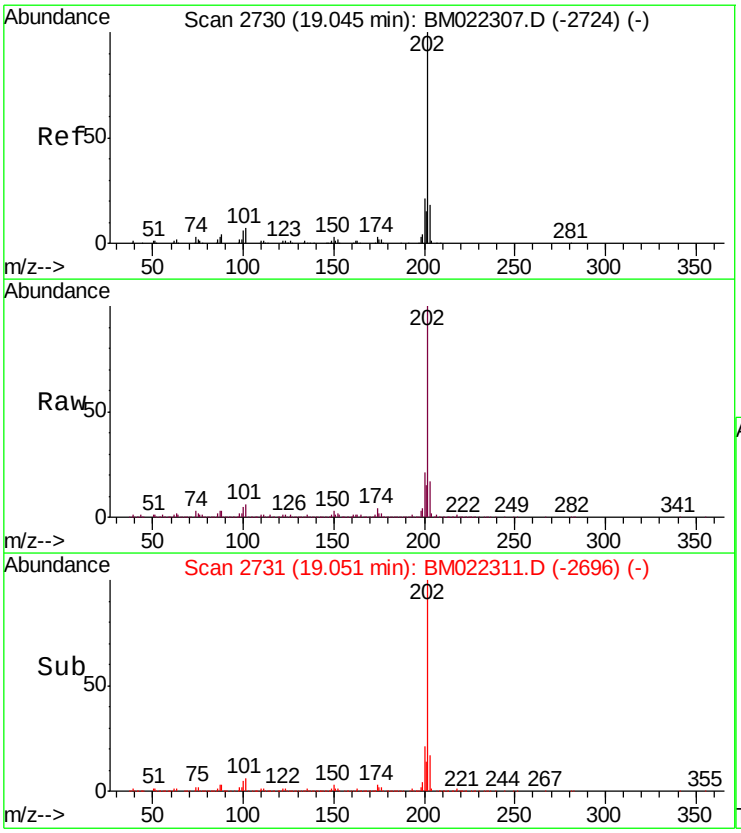
#74
Carbazole
Concen: 15.907 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:167 Resp: 276777

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	14.6	11.8	17.8

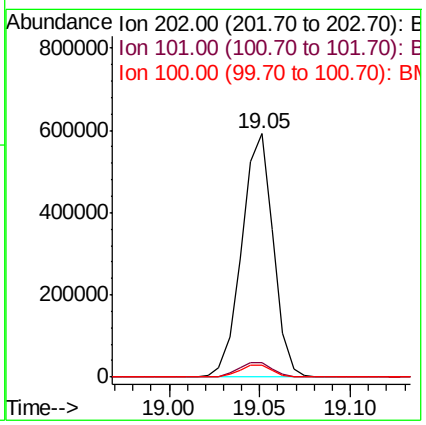


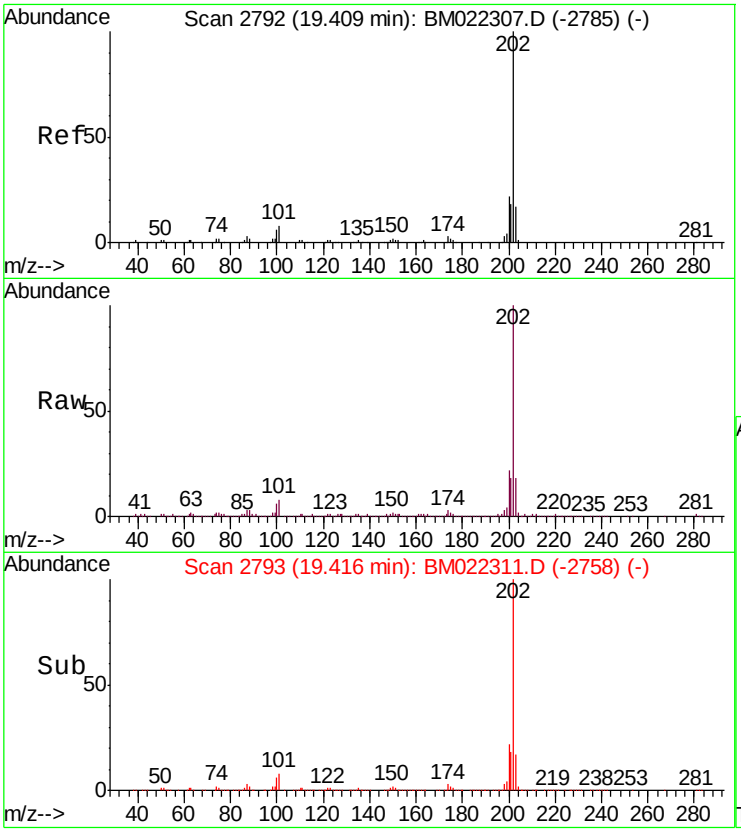


#76
Fluoranthene
Concen: 25.451 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:202 Resp: 709993

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.3	7.9
100	4.7	4.6	6.8



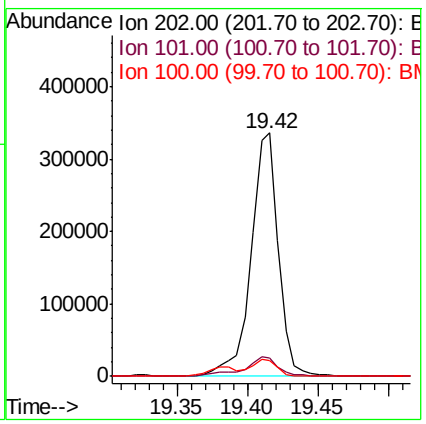


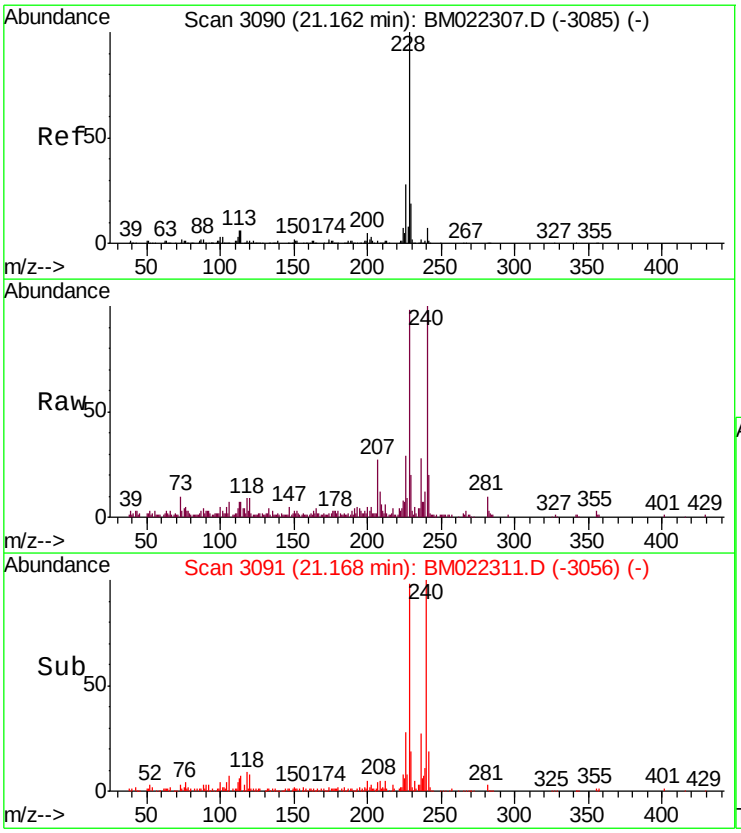
#79
Pyrene
Concen: 21.606 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:202 Resp: 455500

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
100	6.4	5.8	8.8

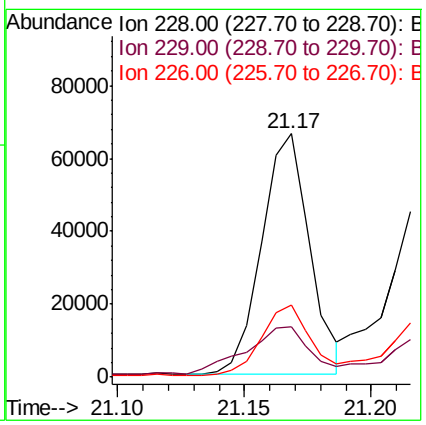


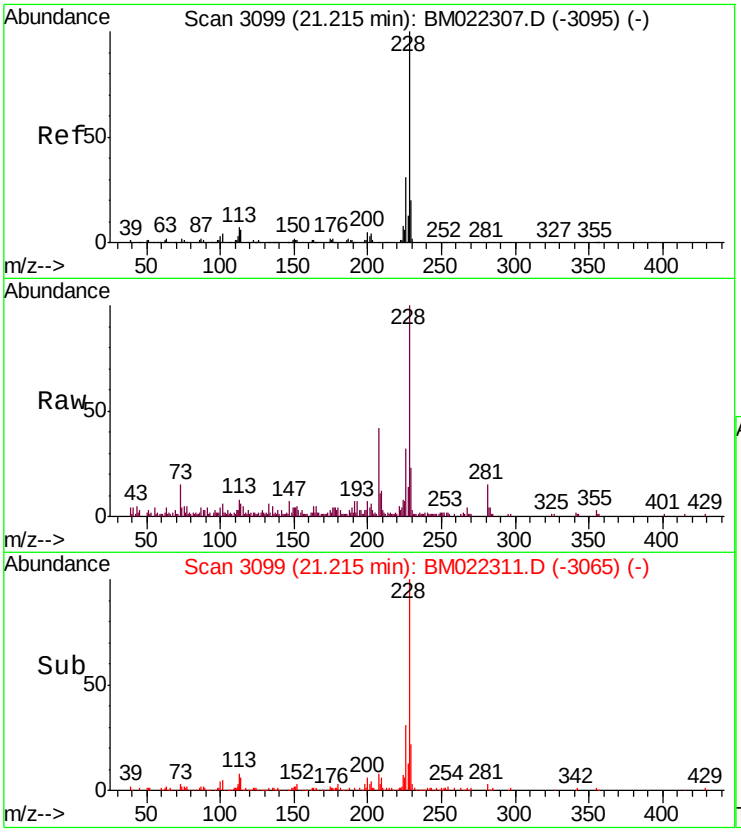


#82
Benzo(a)anthracene
Concen: 3.576 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:228 Resp: 87664

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.2	22.8
226	29.7	22.3	33.5



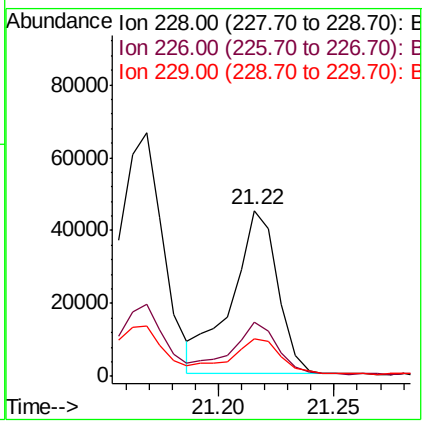


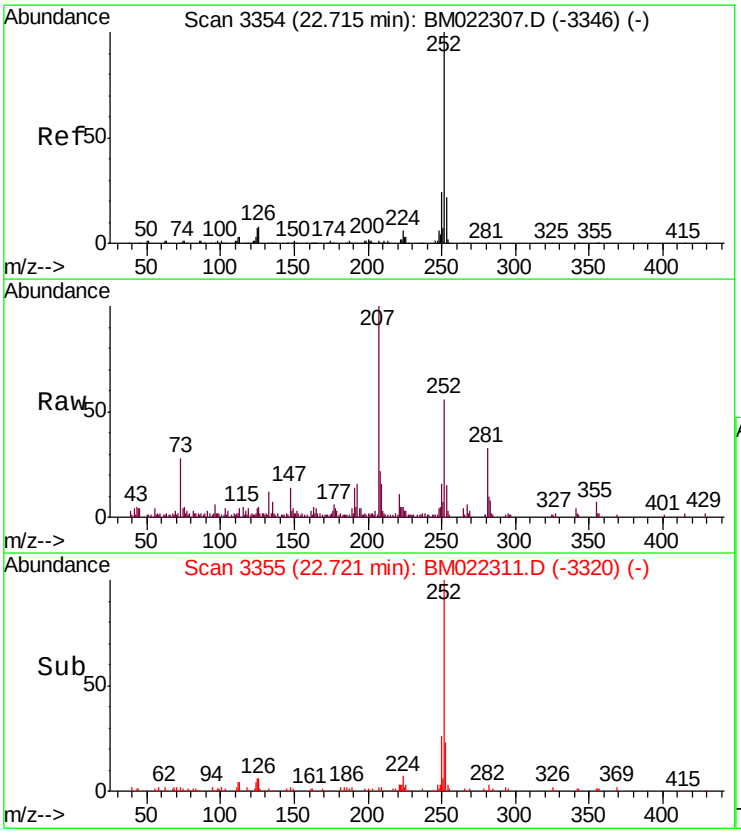
#84
Chrysene
Concen: 2.721 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:228 Resp: 62374

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.7	37.1
229	22.6	15.7	23.5

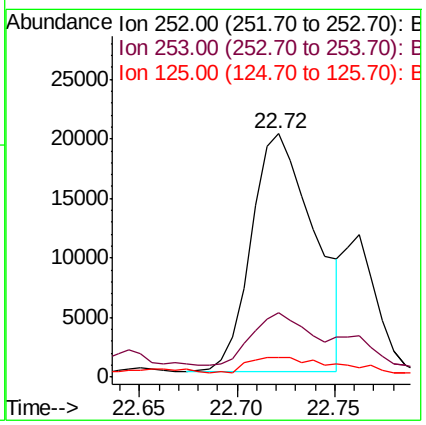


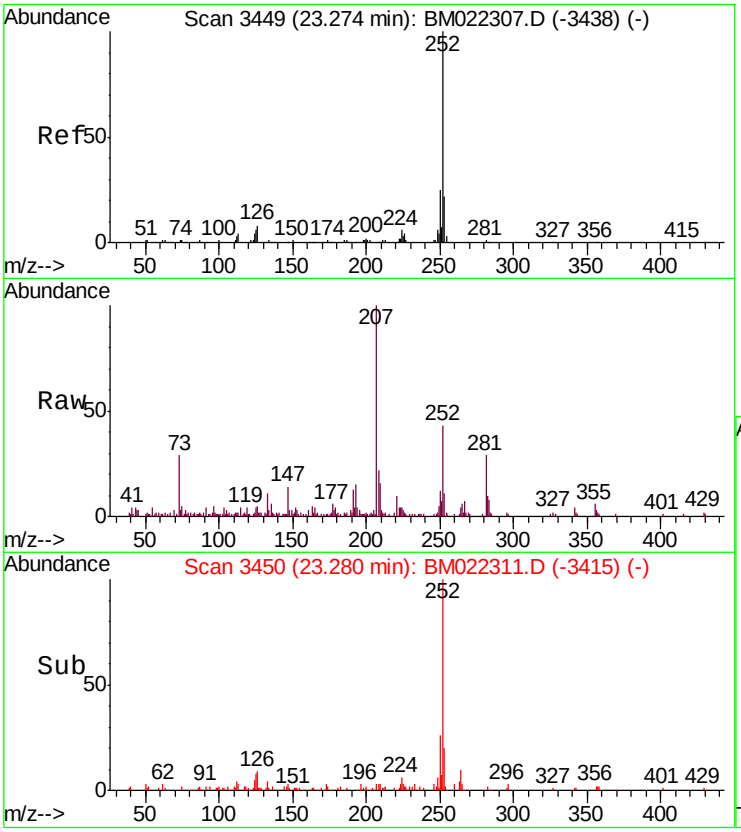


#87
Benzo(b)fluoranthene
Concen: 2.333 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Tgt Ion:252 Resp: 45235

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	7.8	5.2	7.8#





#90
Benzo(a)pyrene
Concen: 1.439 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. 0.01 min
Lab File: BM022311.D
Acq: 25 Aug 2019 02:57

Instrument :
BNA_M
ClientSampleId :
C0AD4

Tgt Ion:252 Resp: 26598

Ion	Ratio	Lower	Upper
252	100		
253	26.8	16.9	25.3#
125	9.9	5.5	8.3#