Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2J25

Quant Time: Oct 24 11:05:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	433585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1706592	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.28	164	1046168	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2177831	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2324763	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2724032	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	40732	4.46	ng/uL	0.00
5) Phenol-d5	6.81	99	884386	24.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	508722	23.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.17	132	711530	24.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	648486	21.92	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	344497	26.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	351731	24.68	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	777193	27.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	890259	27.64	ng/ul	-0.01
44) Dimethylphthalate-d6	13.70	166	2200772	27.70	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2515491	27.64	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.48	143	336719	24.47	ng/ul	-0.01
58) Fluorene-d10	15.27	176	1920783	28.55	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	219478	16.19	ng/ul	-0.01
71) Anthracene-d10	17.12	188	2910877	28.28	ng/ul	-0.01
79) Pyrene-d10	19.42	212	3523770	27.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4162292	29.99	ng/ul	-0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.77	77	1586660	75.679	ng/ul	99
10) 2-Chlorophenol	7.20	128	1592031	53.380	ng/ul	99
14) Acetophenone	8.45	105	2007472	43.445	ng/ul	98
16) 4-Methylphenol	8.40	108	696070	22.145	ng/ul	88
17) Hexachloroethane	8.70	117	518504	41.772	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	1694019	61.308	ng/ul	99
28) Naphthalene	10.46	128	4889727	55.902	ng/ul	100
32) Caprolactam	11.34	113	86282	10.172	ng/ul	93
34) 2-Methylnaphthalene	12.09	142	3543021	53.026	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	3854812	62.356	ng/ul	99
50) Acenaphthene	14.35	153	2182830	32.892	ng/ul	100
59) Fluorene	15.33	166	2748444	35.469	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.42	198	755868	50.769	ng/ul	97
68) Atrazine	16.51	200	1341082	53.415	ng/ul	98
70) Phenanthrene	17.07	178	5288663	43.454	ng/ul	100
75) Carbazole	17.43	167	7477941	71.934	ng/ul	99
80) Pyrene	19.45	202	8147569	49.631	ng/ul	99
81) Butylbenzylphthalate	20.37	149	3089767	45.972	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	4104604	43.562	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.63	276	11124609	64.867	ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	7372923	50.986	ng/ul	99
94) Benzo(g,h,i)perylene	26.29	276	6976722	50.001	ng/ul	99

Quantitation Report (LSC Reviewed)

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Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2J25

Quant Time: Oct 24 11:05:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
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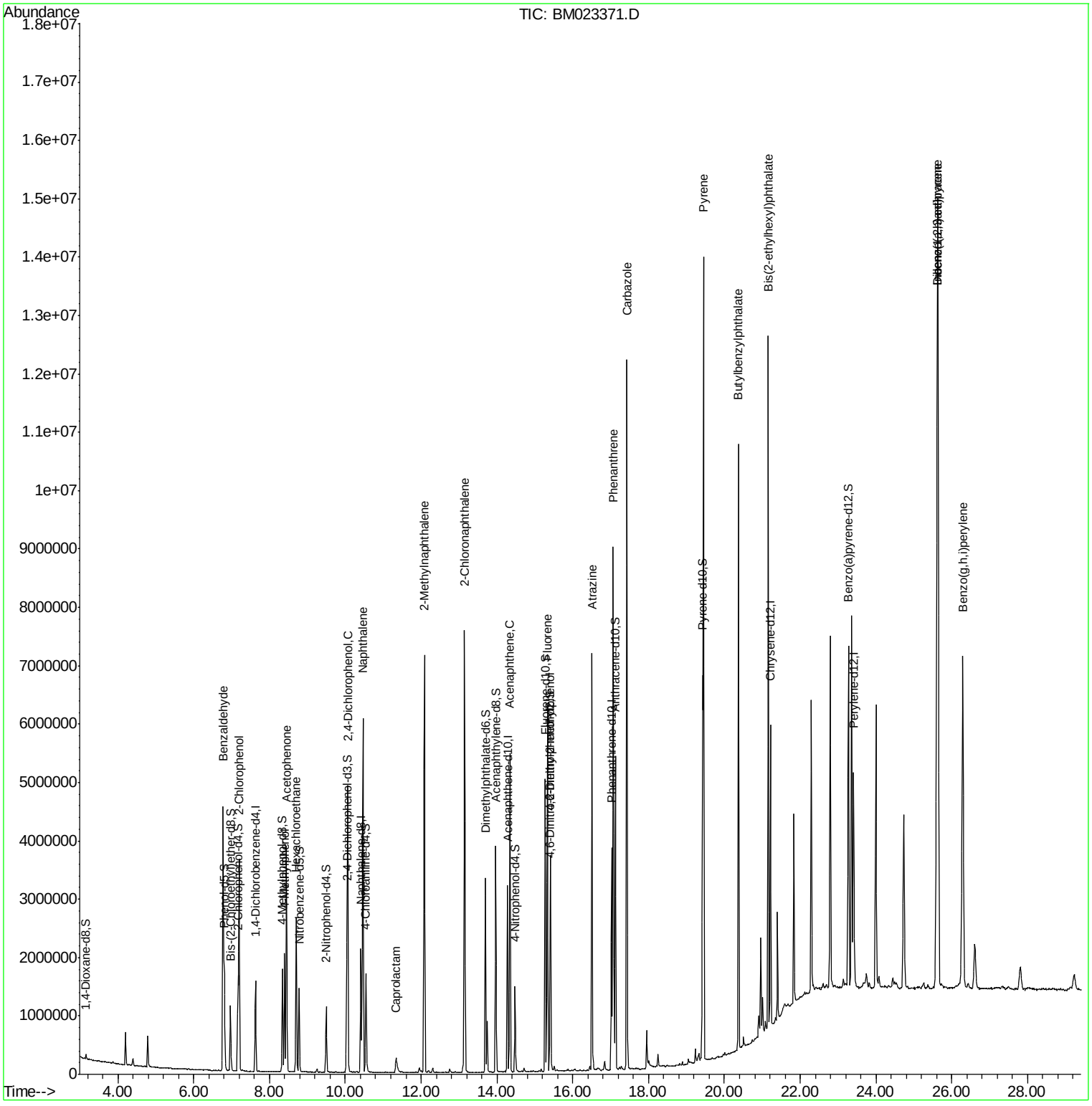
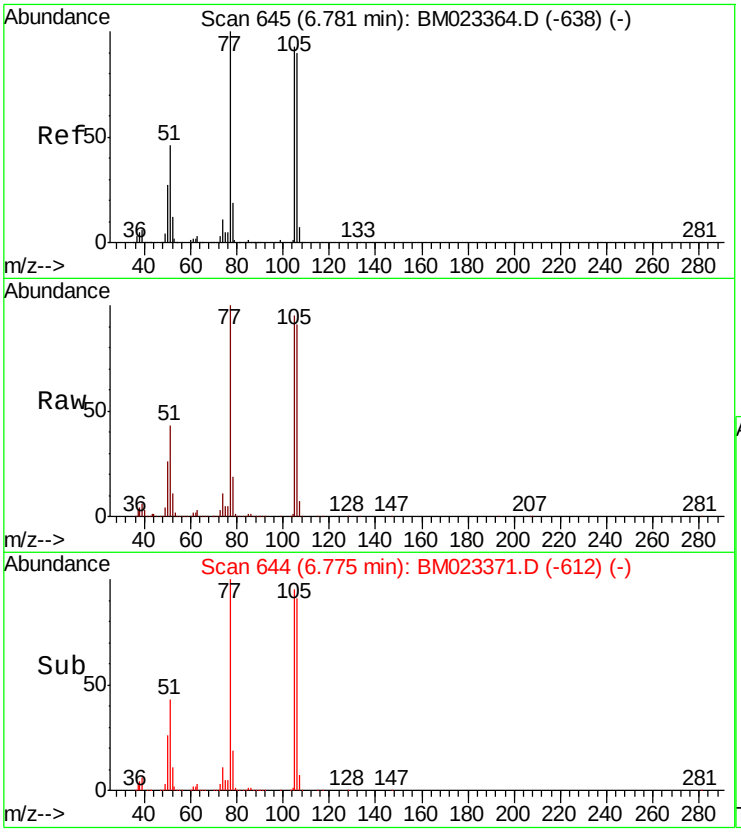
Quant Time: Oct 24 11:05:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration



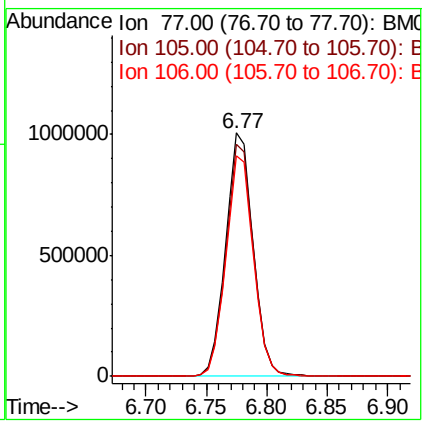


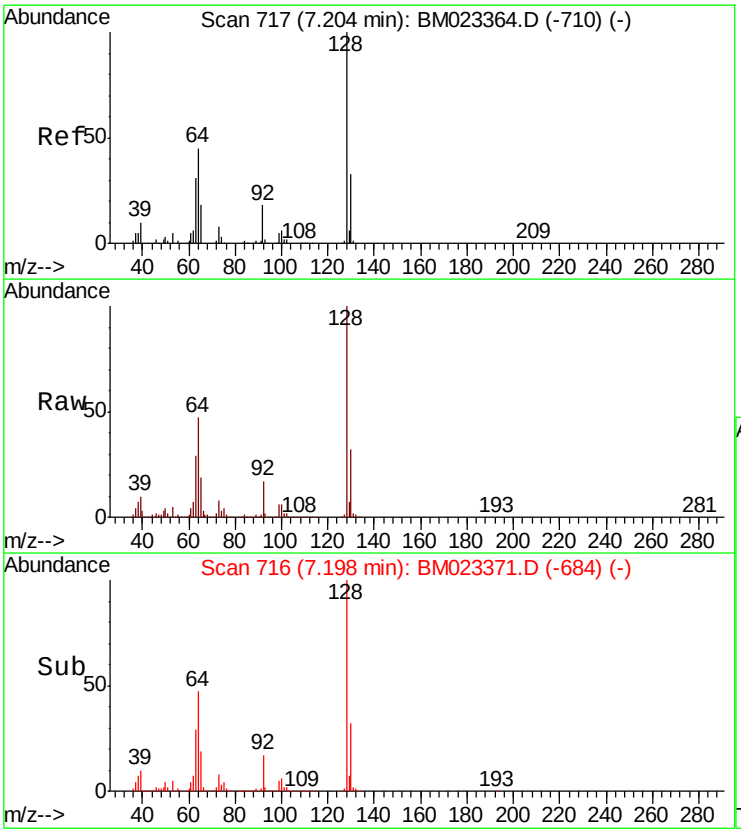
#4
Benzaldehyde
Concen: 75.679 ng/ul
RT: 6.77 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion: 77 Resp: 1586660

Ion	Ratio	Lower	Upper
77	100		
105	95.3	75.4	113.2
106	90.8	71.3	106.9

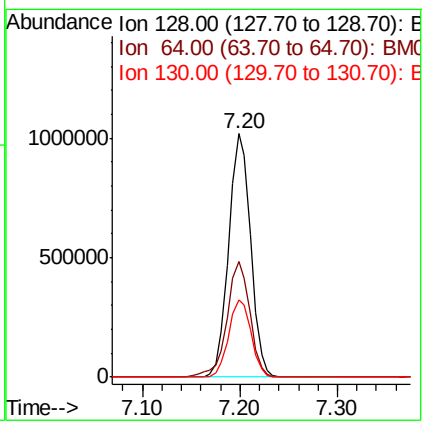


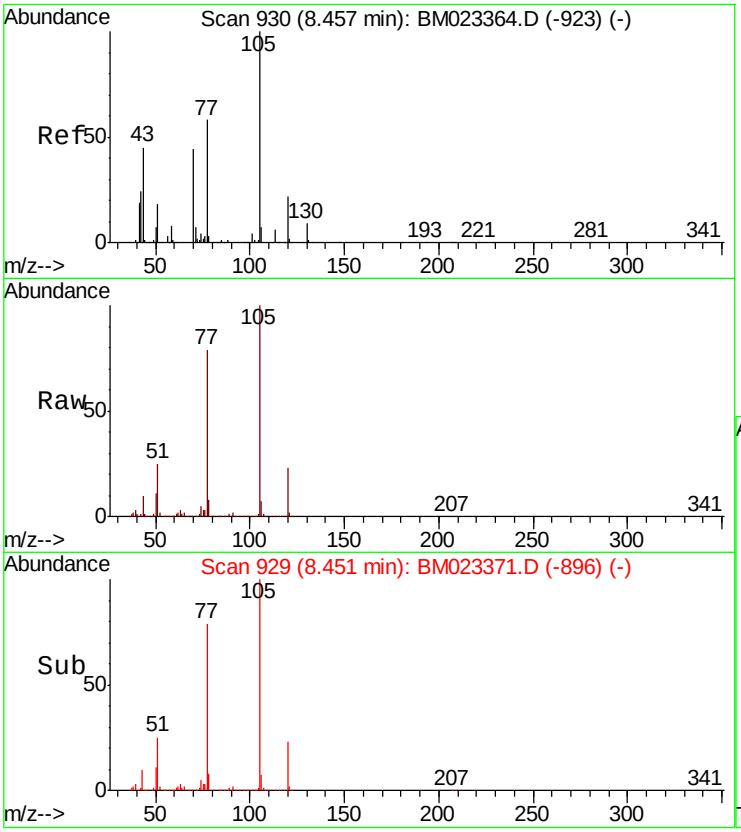


#10
2-Chlorophenol
Concen: 53.380 ng/ul
RT: 7.20 min Scan# 716
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:128 Resp: 1592031

Ion	Ratio	Lower	Upper
128	100		
64	47.4	37.3	55.9
130	31.8	26.0	39.0



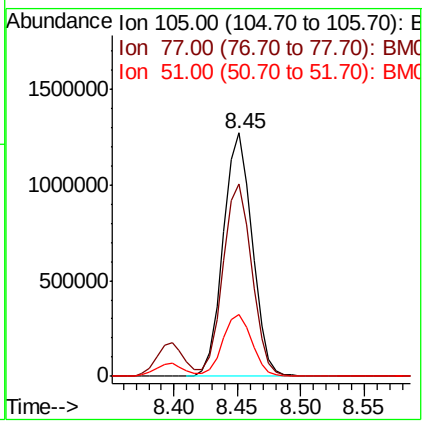


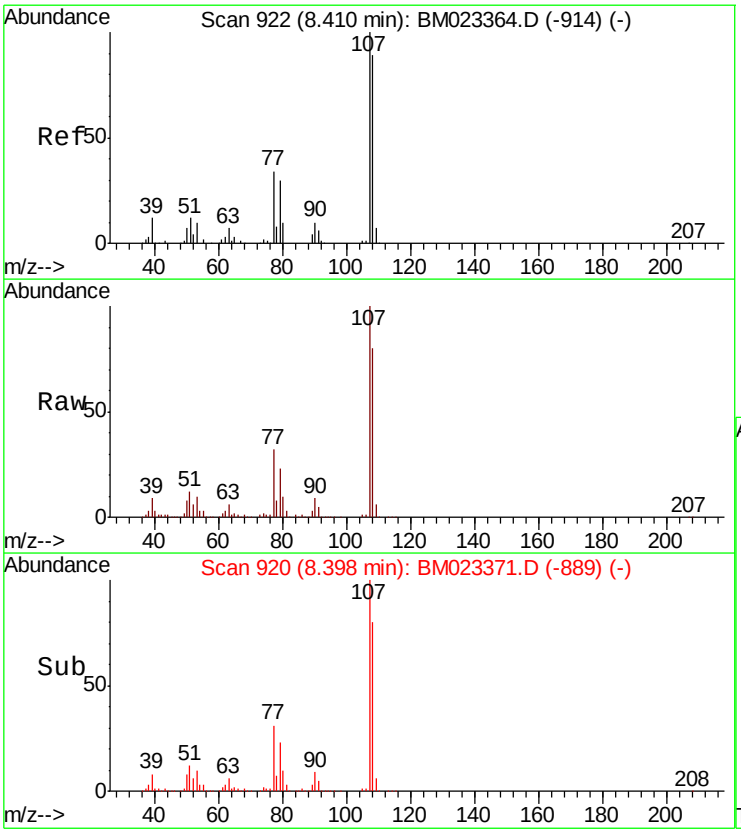
#14
Acetophenone
Concen: 43.445 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:105 Resp: 2007472

Ion	Ratio	Lower	Upper
105	100		
77	79.0	64.8	97.2
51	25.3	21.3	31.9

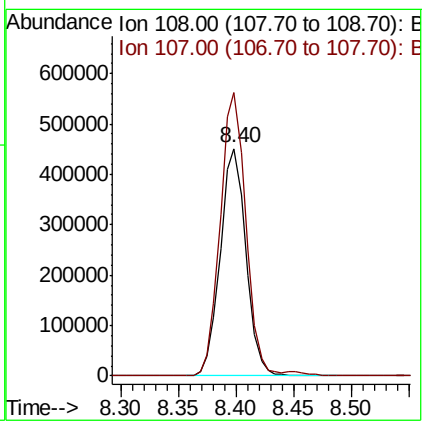


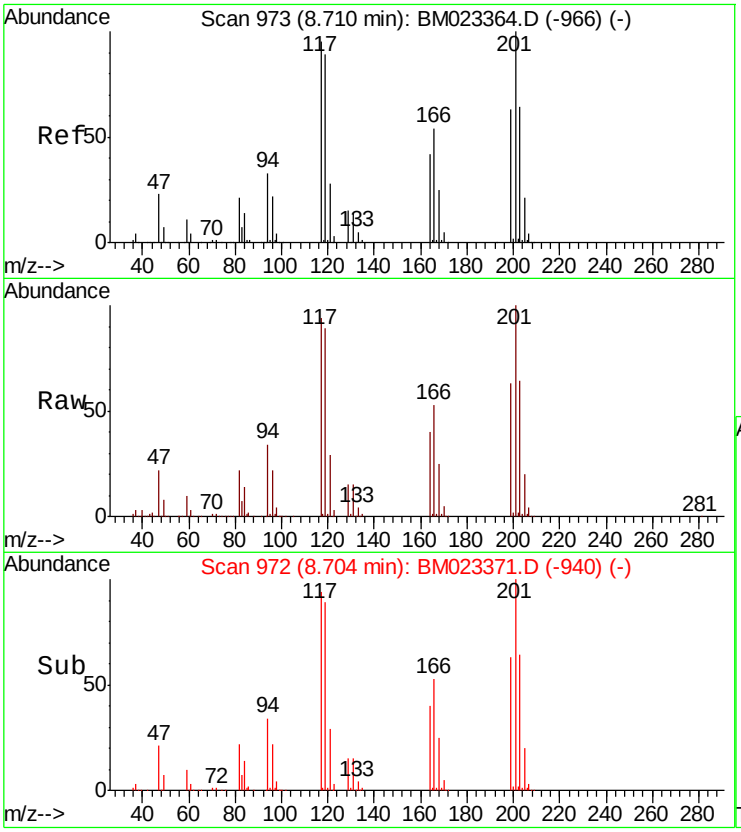


#16
4-Methylphenol
Concen: 22.145 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:108 Resp: 696070

Ion	Ratio	Lower	Upper
108	100		
107	124.5	89.7	134.5



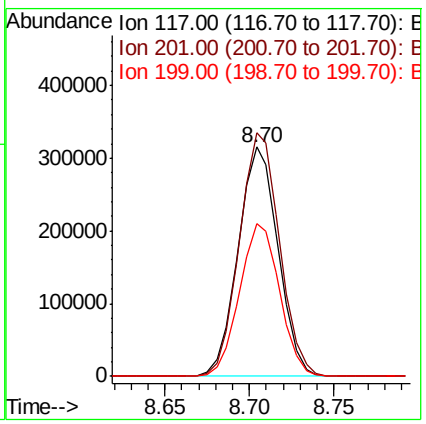


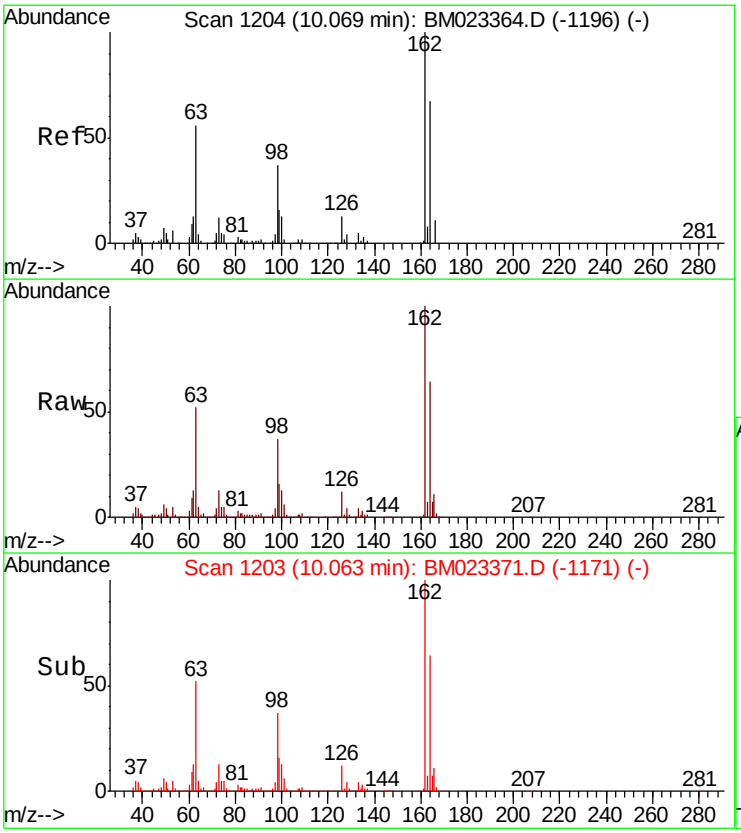
#17
Hexachloroethane
Concen: 41.772 ng/ul
RT: 8.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:117 Resp: 518504

Ion	Ratio	Lower	Upper
117	100		
201	106.1	83.5	125.3
199	66.5	53.6	80.4

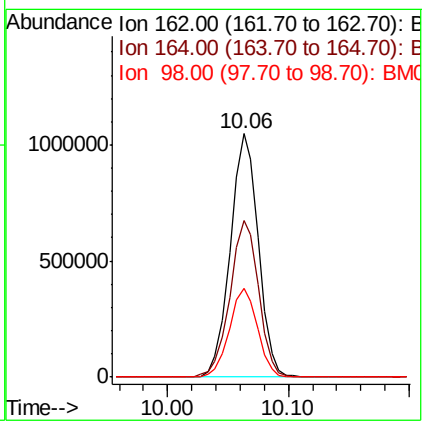


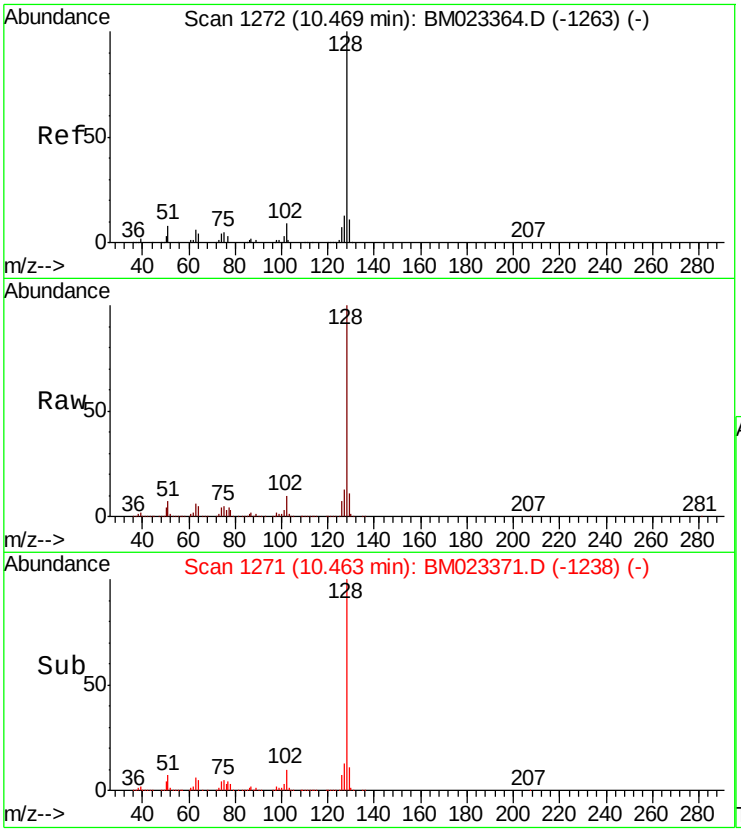


#27
2,4-Dichlorophenol
Concen: 61.308 ng/ul
RT: 10.06 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:162 Resp: 1694019

Ion	Ratio	Lower	Upper
162	100		
164	64.5	52.7	79.1
98	36.5	29.2	43.8



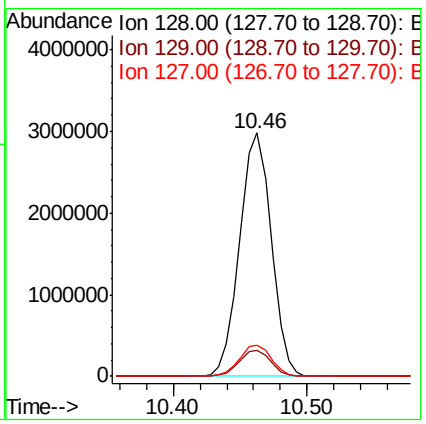


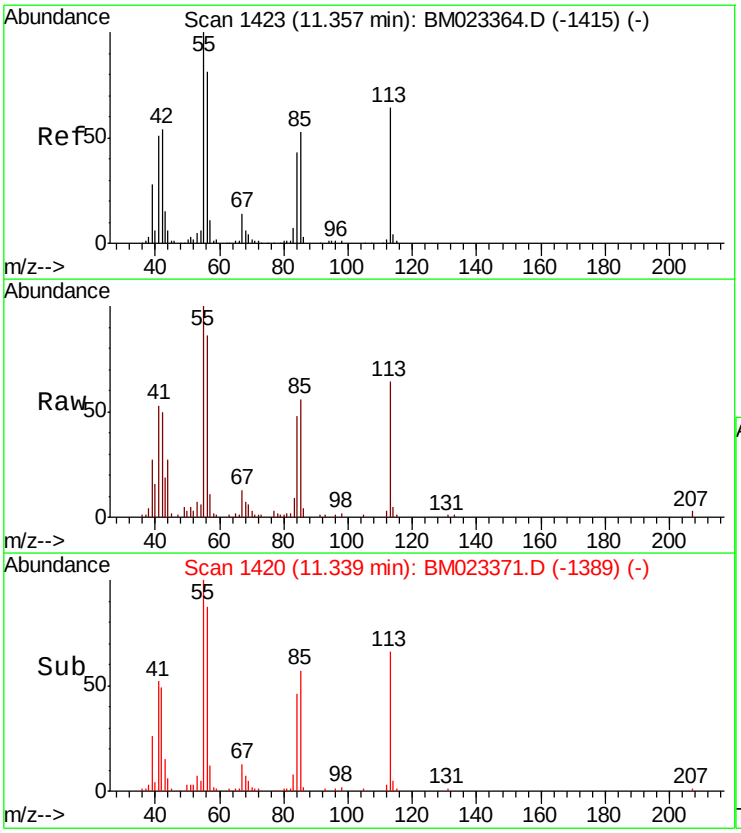
#28
Naphthalene
Concen: 55.902 ng/ul
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:128 Resp: 4889727

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.4	15.6

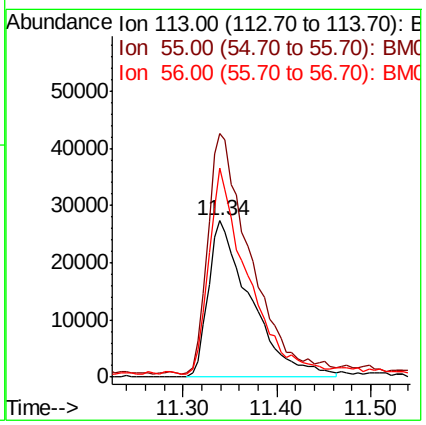


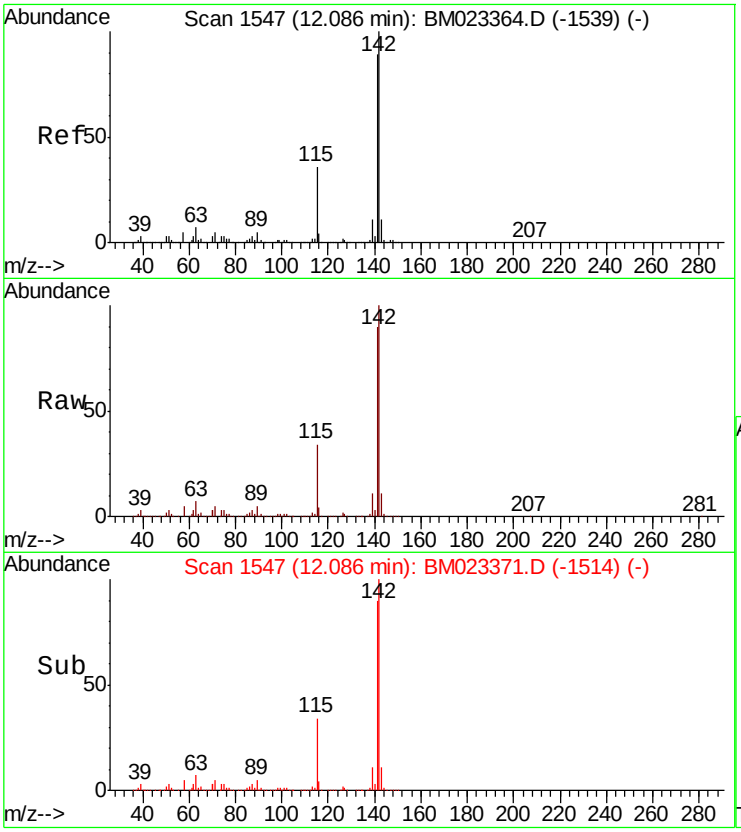


#32
Caprolactam
Concen: 10.172 ng/ul
RT: 11.34 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:113 Resp: 86282

Ion	Ratio	Lower	Upper
113	100		
55	156.0	132.8	199.2
56	133.6	100.6	150.8



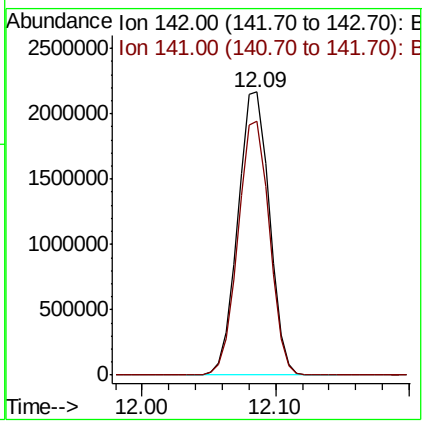


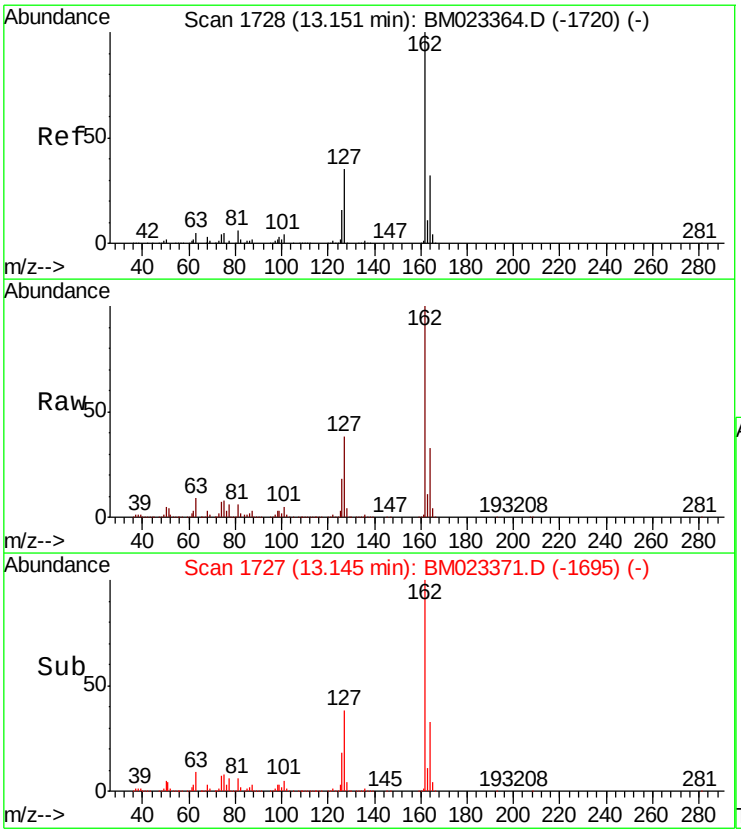
#34
2-Methylnaphthalene
Concen: 53.026 ng/ul
RT: 12.09 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:142 Resp: 3543021

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.4	108.6

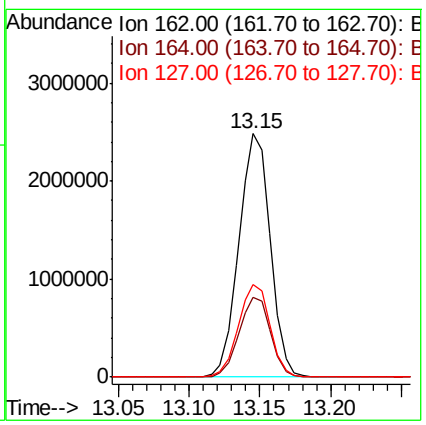


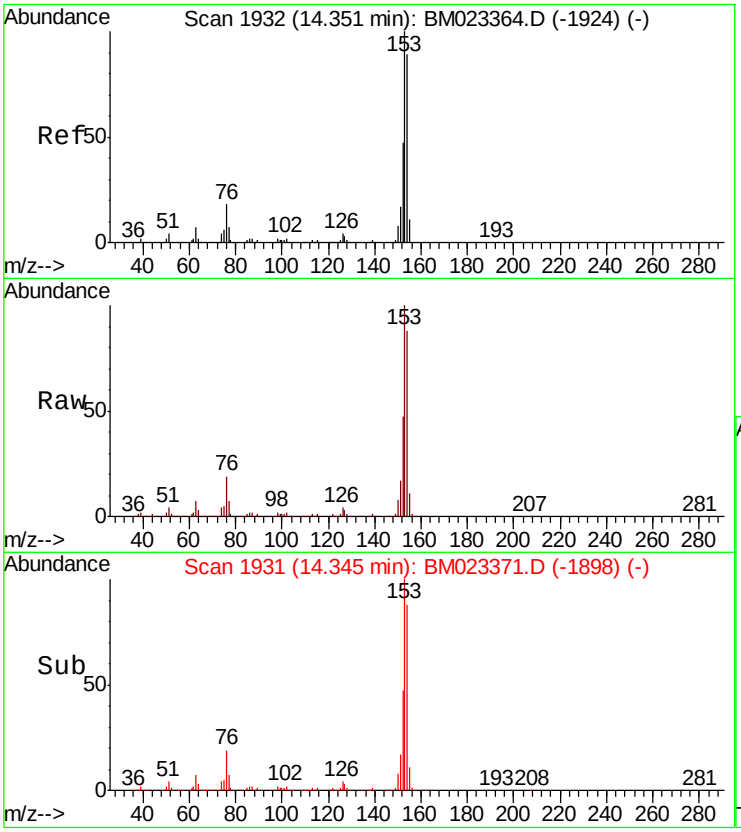


#42
2-Chloronaphthalene
Concen: 62.356 ng/ul
RT: 13.15 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:162 Resp: 3854812

Ion	Ratio	Lower	Upper
162	100		
164	32.8	26.7	40.1
127	38.1	30.2	45.4



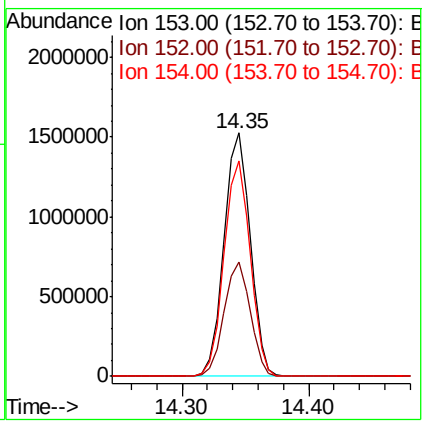


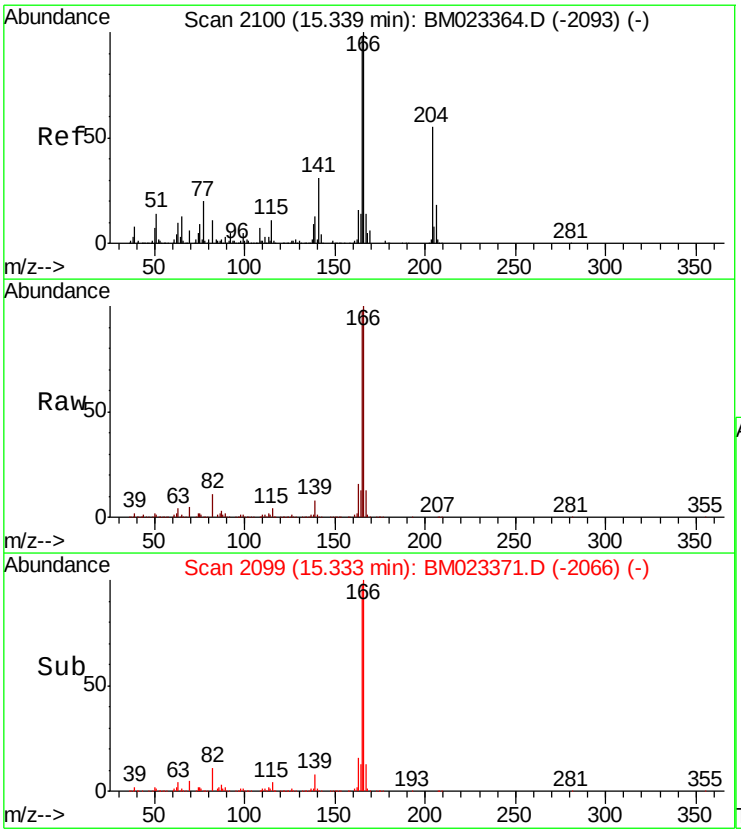
#50
Acenaphthene
Concen: 32.892 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:153 Resp: 2182830

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.9	56.9
154	88.3	70.6	106.0

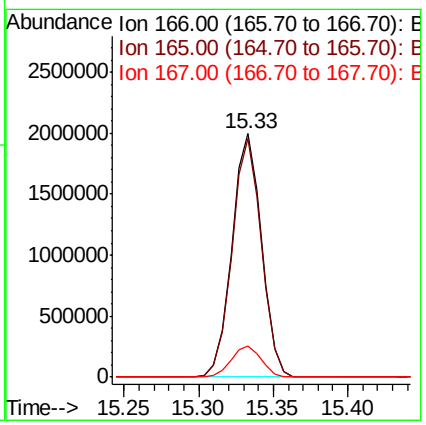


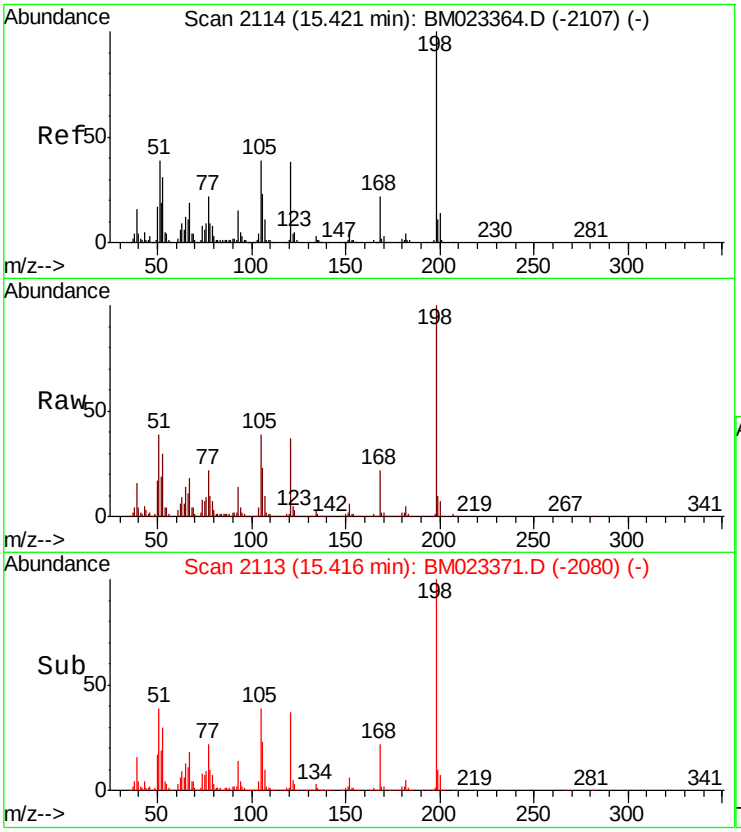


#59
Fluorene
Concen: 35.469 ng/ul
RT: 15.33 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:166 Resp: 2748444

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	12.9	10.8	16.2



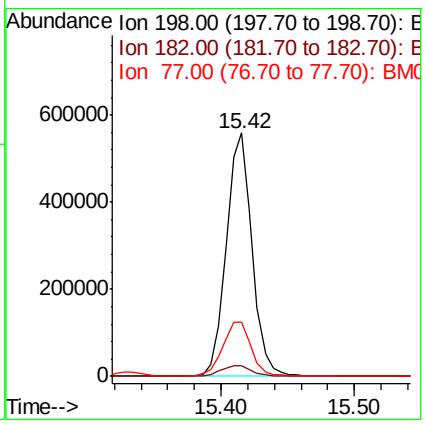


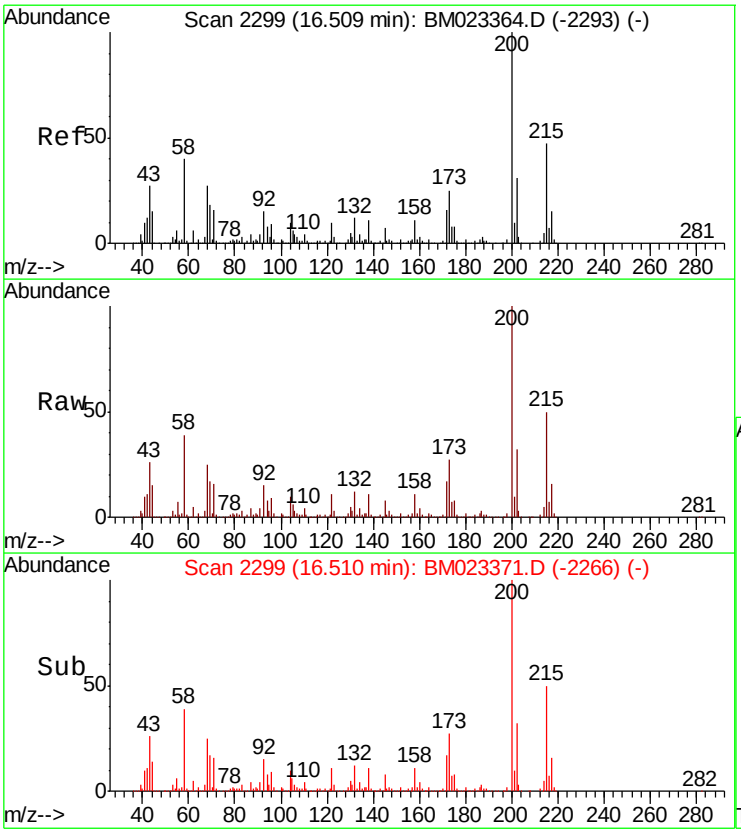
#64
4,6-Dinitro-2-methylphenol
Concen: 50.769 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:198 Resp: 755868

Ion	Ratio	Lower	Upper
198	100		
182	4.6	3.1	4.7
77	22.2	19.1	28.7

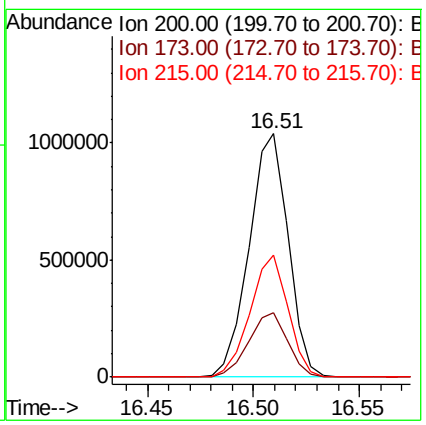


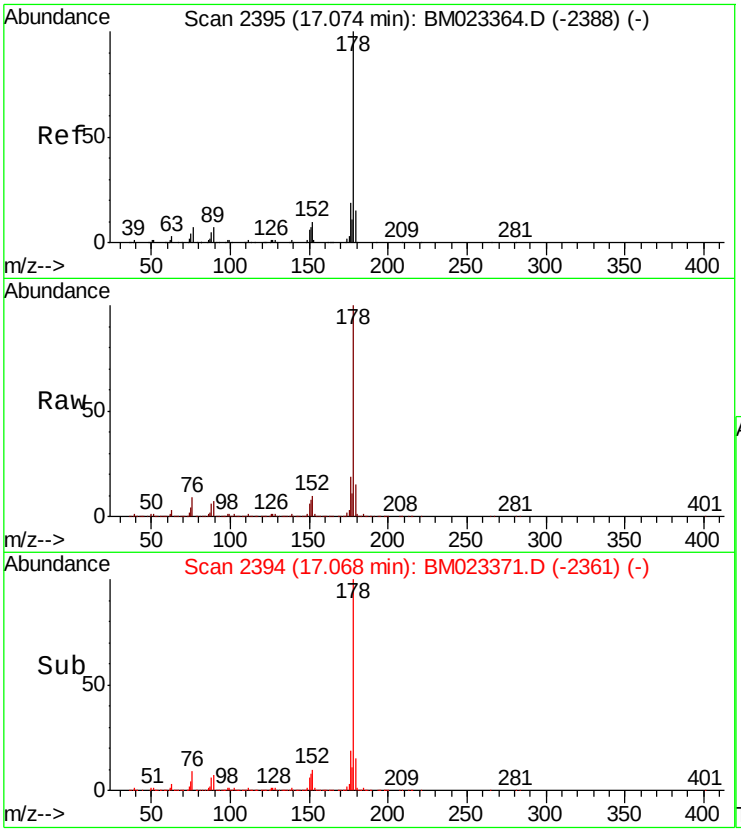


#68
Atrazine
Concen: 53.415 ng/ul
RT: 16.51 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:200 Resp: 1341082

Ion	Ratio	Lower	Upper
200	100		
173	26.6	20.2	30.4
215	49.9	39.2	58.8



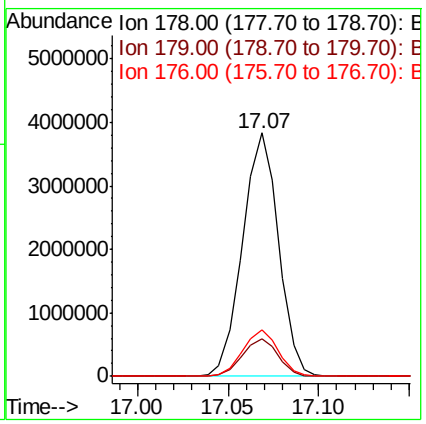


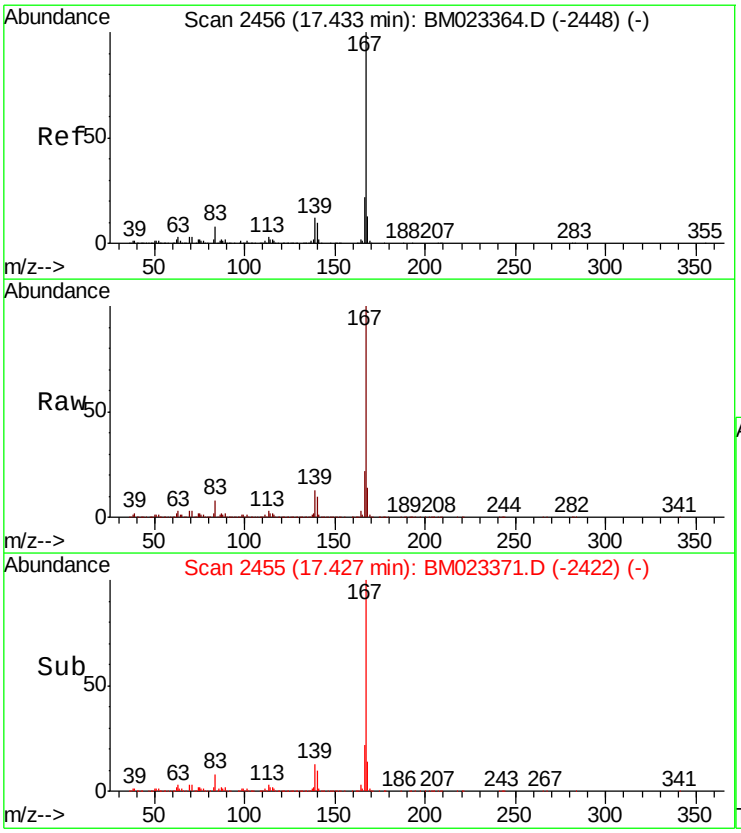
#70
Phenanthrene
Concen: 43.454 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:178 Resp: 5288663

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.8	14.9	22.3

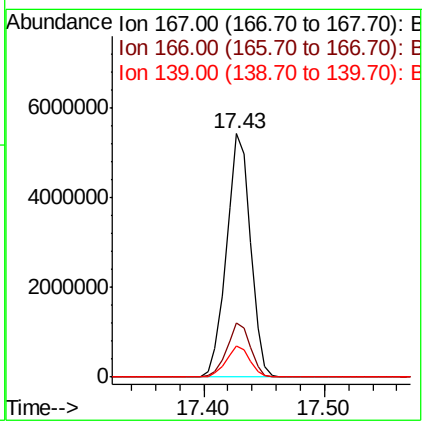


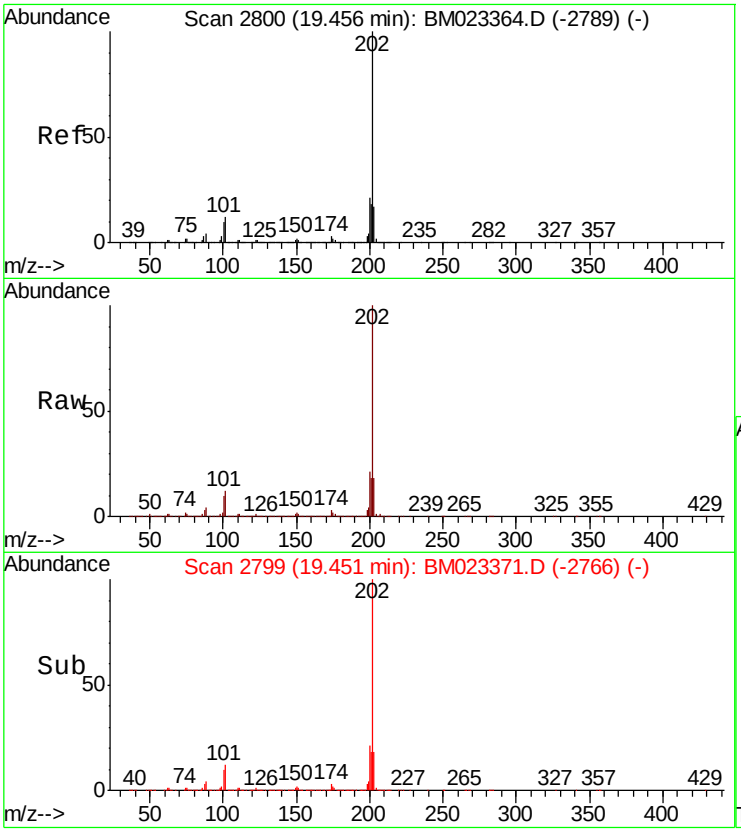


#75
Carbazole
Concen: 71.934 ng/ul
RT: 17.43 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:167 Resp: 7477941

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	12.8	10.0	15.0



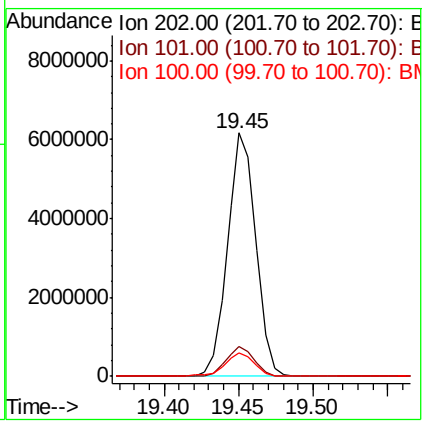


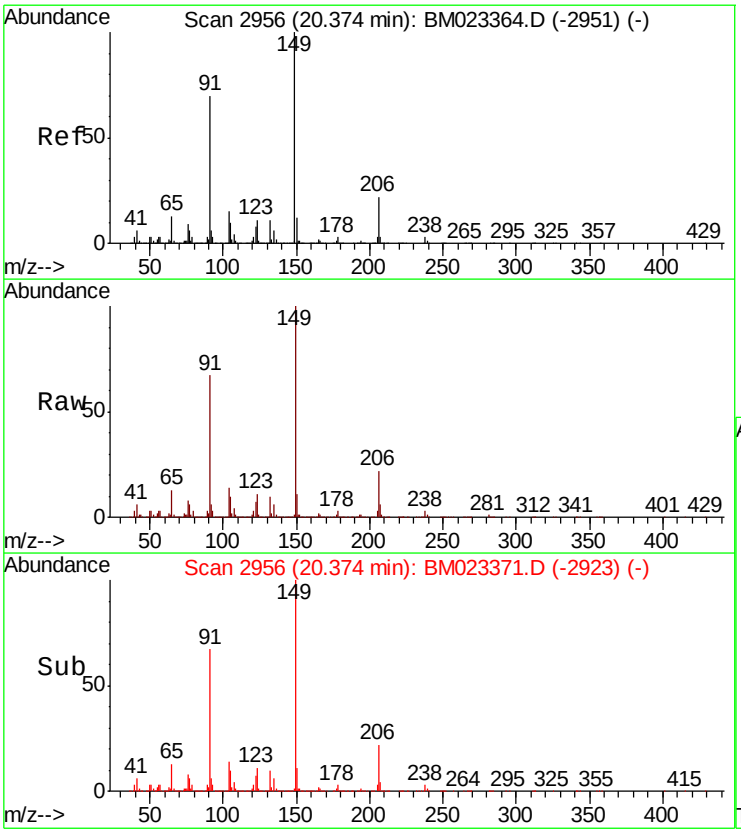
#80
Pyrene
Concen: 49.631 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:202 Resp: 8147569

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.0	15.0
100	9.8	8.3	12.5

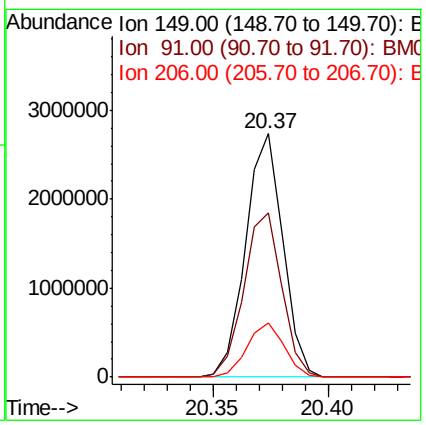


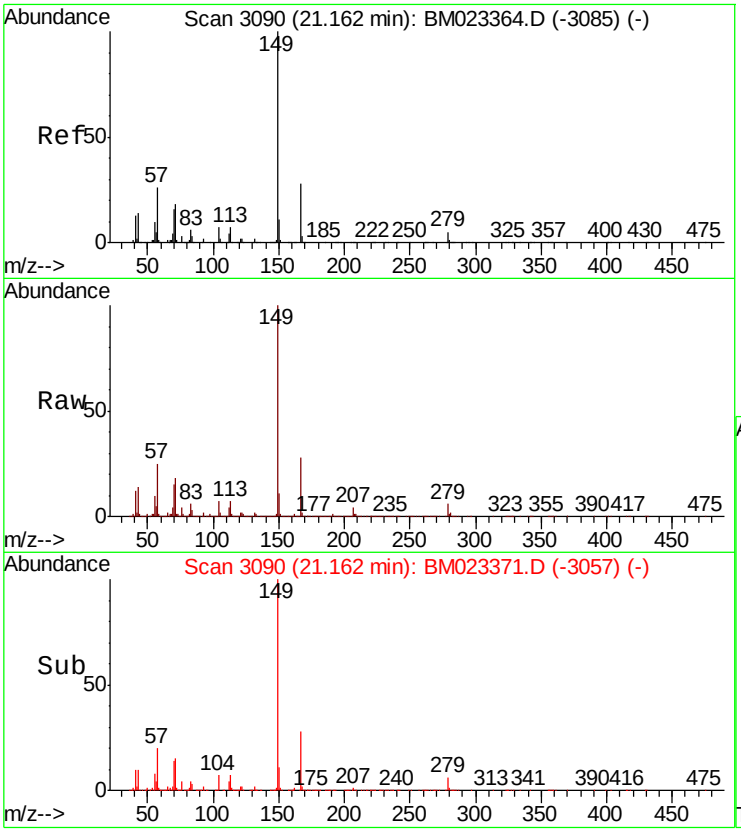


#81
Butylbenzylphthalate
Concen: 45.972 ng/ul
RT: 20.37 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:149 Resp: 3089767

Ion	Ratio	Lower	Upper
149	100		
91	67.3	54.2	81.2
206	22.4	17.7	26.5



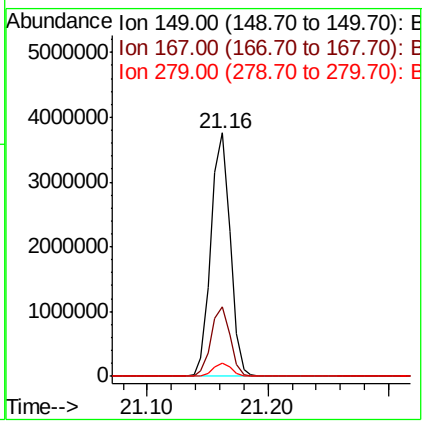


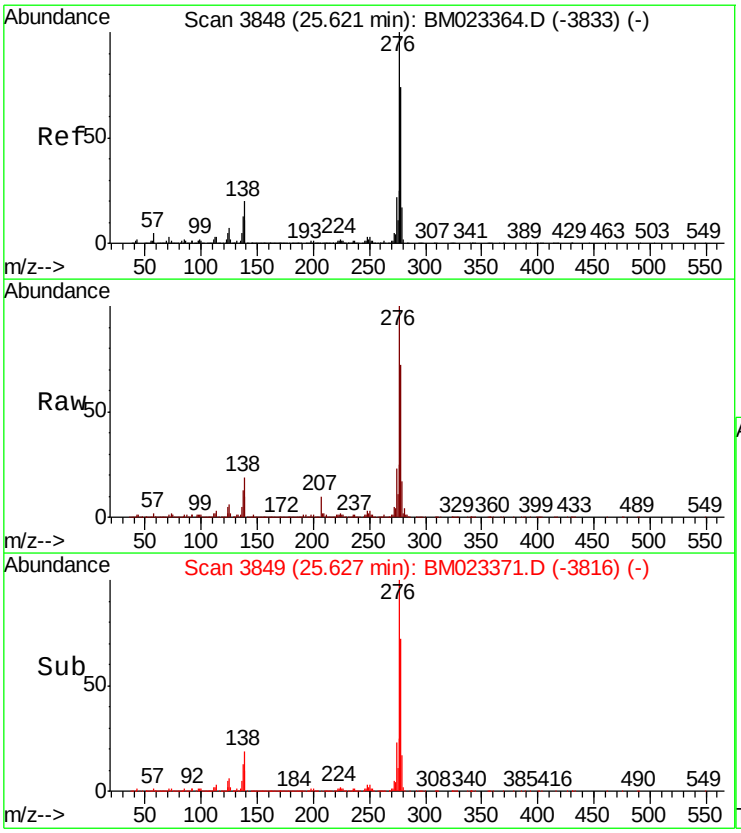
#84
Bis(2-ethylhexyl)phthalate
Concen: 43.562 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:149 Resp: 4104604

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	5.7	4.1	6.1

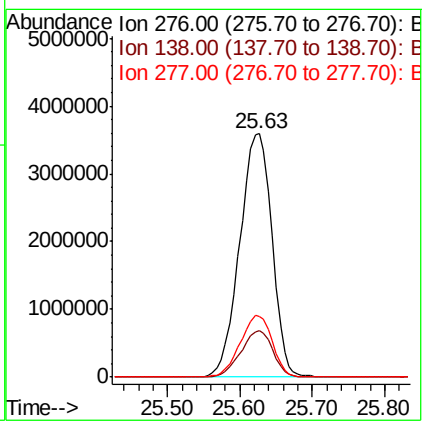


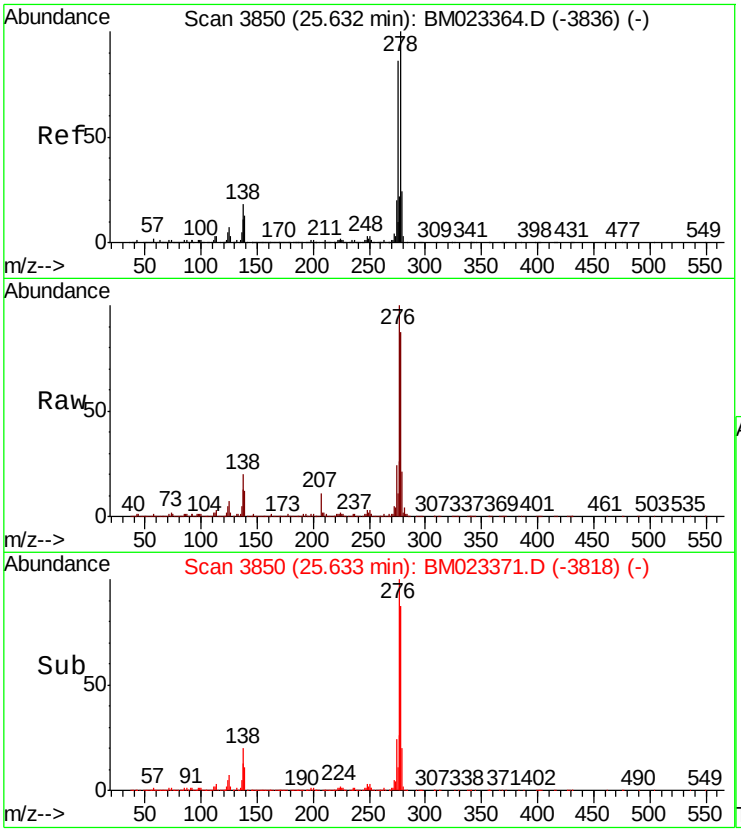


#92
Indeno(1,2,3-cd)pyrene
Concen: 64.867 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:276 Resp:11124609

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.7	23.5
277	25.0	20.2	30.2



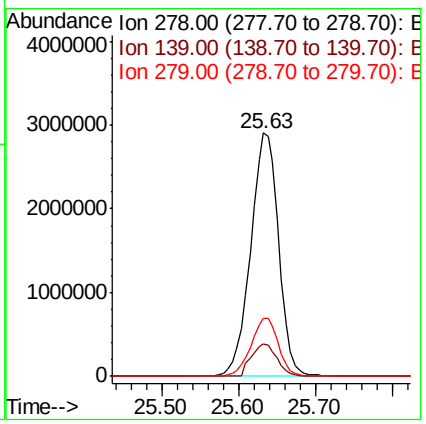


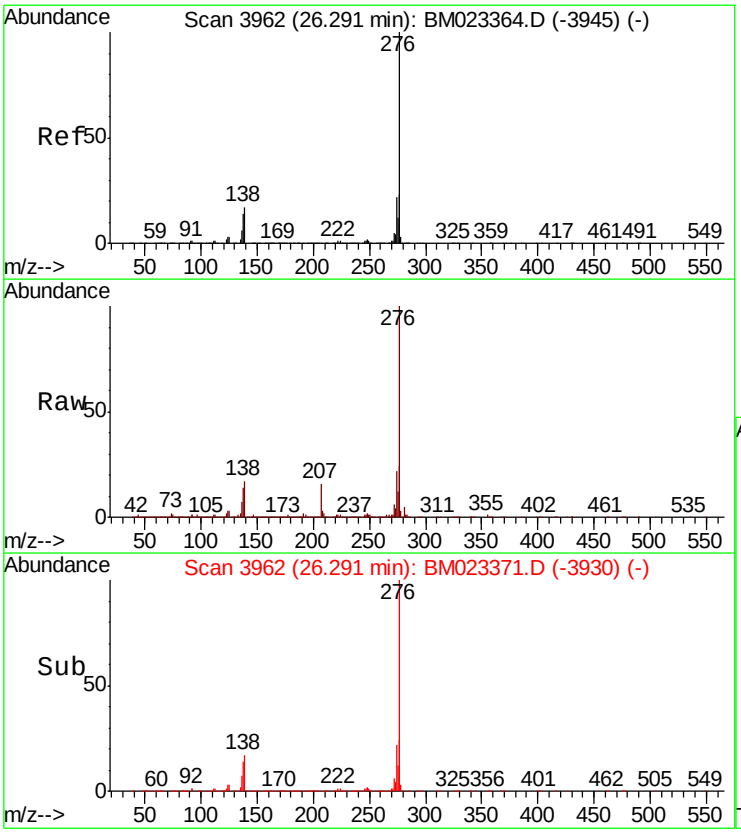
#93
Dibenzo(a,h)anthracene
Concen: 50.986 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Instrument :
BNA_M
ClientSampleId :
X2J25

Tgt Ion:278 Resp: 7372923

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.9	16.3
279	23.7	18.7	28.1





#94
Benzo(g,h,i)perylene
Concen: 50.001 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BM023371.D
Acq: 24 Oct 2019 10:11

Tgt Ion:276 Resp: 6976722

Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.4	21.6
277	23.8	19.0	28.6