Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023070.D
Acq On : 09 Oct 2019 06:34
Operator : JU
Sample : K5028-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 09 07:43:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	203469	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	846607	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	485787	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	897521	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	854130	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	1017542	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	24903	5.29	ng/uL	0.00
5) Phenol-d5	6.94	99	96322	5.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	226474	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	275568	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	176893	12.02	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	164027	25.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	177556	24.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	320262	22.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	285956	16.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	962081	25.52	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1103731	25.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	32376	4.35	ng/ul	0.00
58) Fluorene-d10	15.40	176	791717	24.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	104063	17.82	ng/ul	0.00
71) Anthracene-d10	17.24	188	1179849	26.92	ng/ul	0.00
79) Pyrene-d10	19.54	212	1287000	28.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1458588	27.71	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	30440	3.736	ng/ul#	29
6) Phenol	6.97	94	23816	1.264	ng/ul	98
14) Acetophenone	8.57	105	33609	1.494	ng/ul#	36
17) Hexachloroethane	8.88	117	23201	3.931	ng/ul#	6
28) Naphthalene	10.61	128	257030	5.622	ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	32106	2.169	ng/ul#	16
34) 2-Methylnaphthalene	12.23	142	262464	7.656	ng/ul	99
35) 1-Methylnaphthalene	12.44	142	260199	7.947	ng/ul	99
45) Dimethylphthalate	13.87	163	582302	15.035	ng/ul	100
50) Acenaphthene	14.47	153	112628	3.441	ng/ul	100
59) Fluorene	15.46	166	48410	1.281	ng/ul	99
70) Phenanthrene	17.19	178	115489	2.156	ng/ul	98

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

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 09 07:43:17 2019
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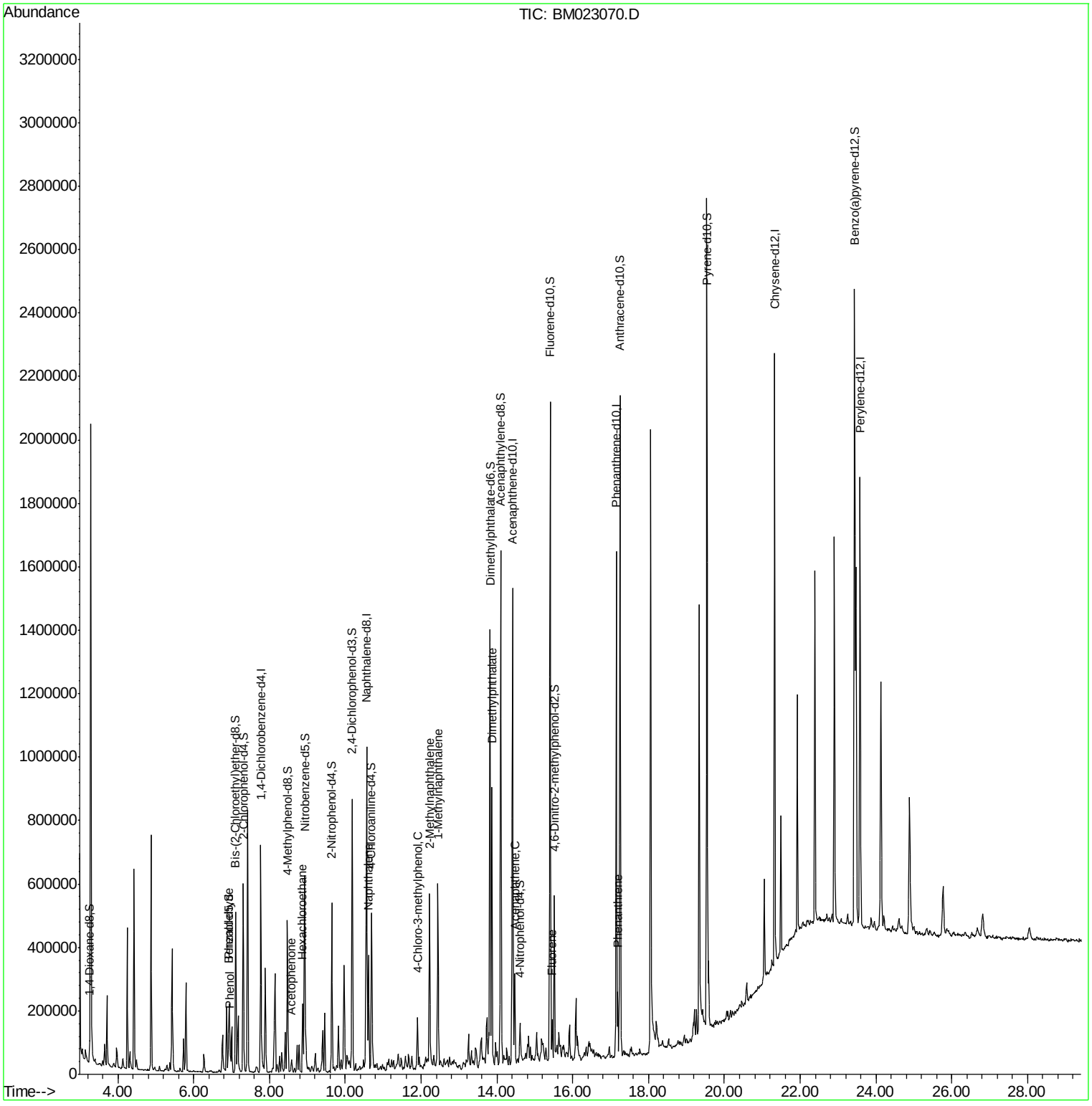
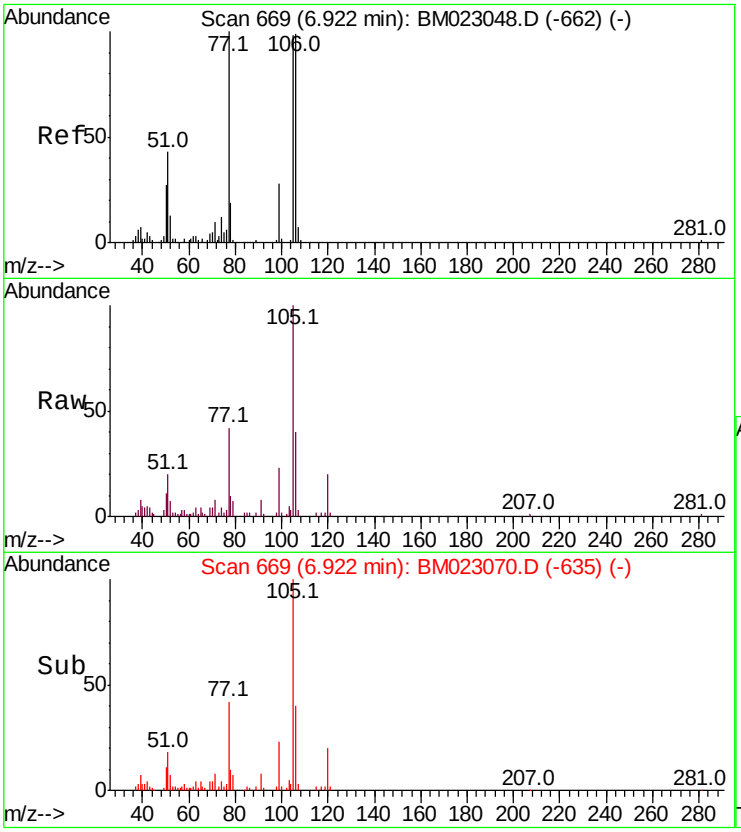
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration



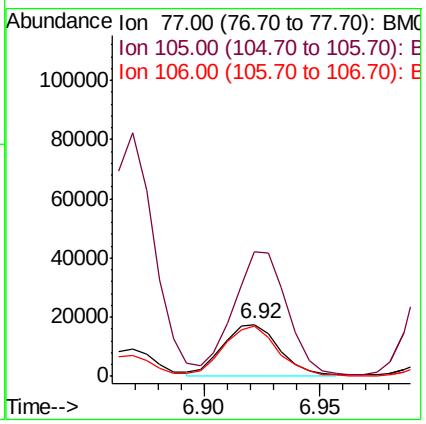


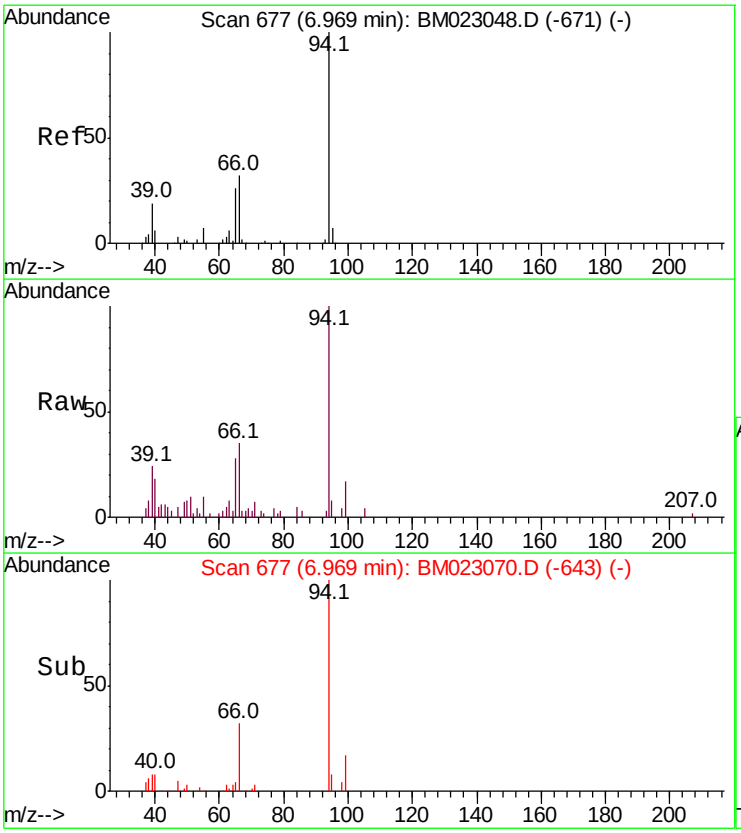
#4
Benzaldehyde
Concen: 3.736 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 30440

Ion	Ratio	Lower	Upper
77	100		
105	238.7	80.6	120.8#
106	95.7	77.0	115.6

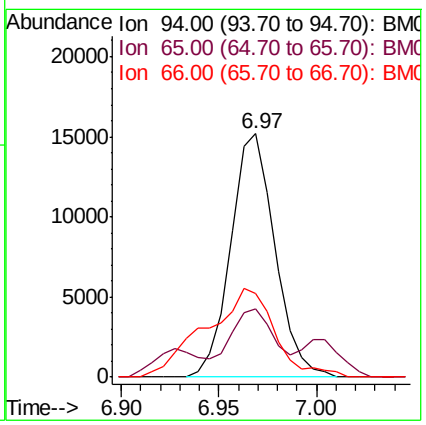


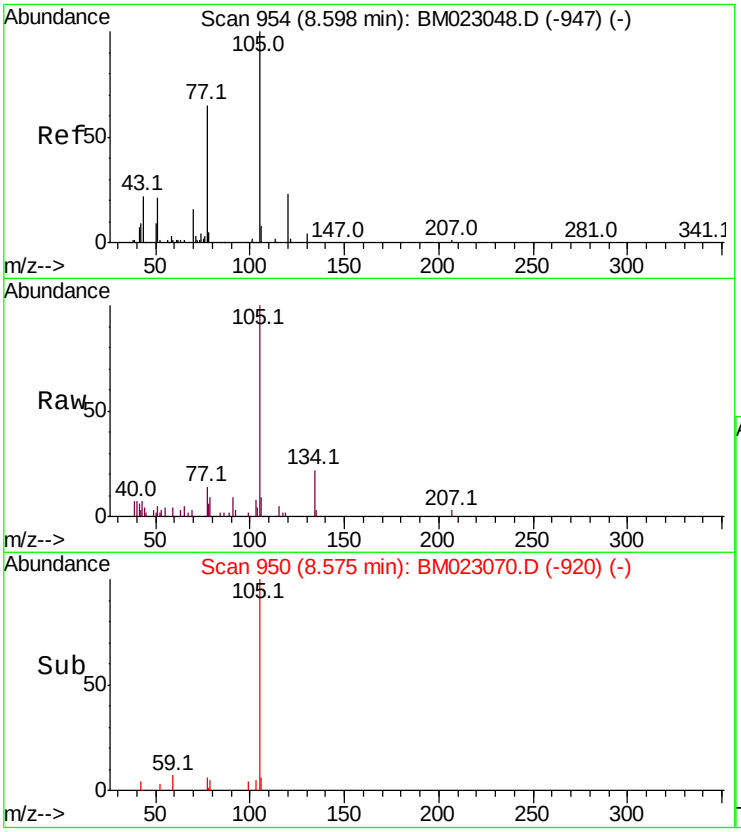


#6
Phenol
Concen: 1.264 ng/ul
RT: 6.97 min Scan# 677
Delta R.T. -0.00 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Tgt Ion: 94 Resp: 23816

Ion	Ratio	Lower	Upper
94	100		
65	27.8	20.9	31.3
66	34.5	27.2	40.8



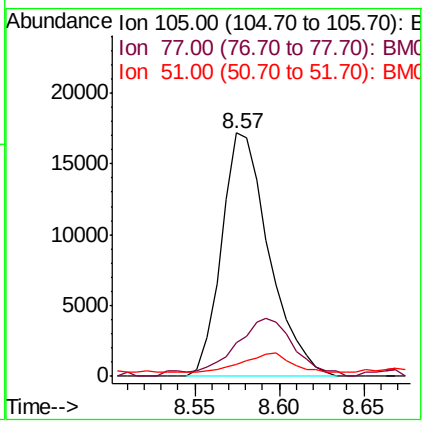


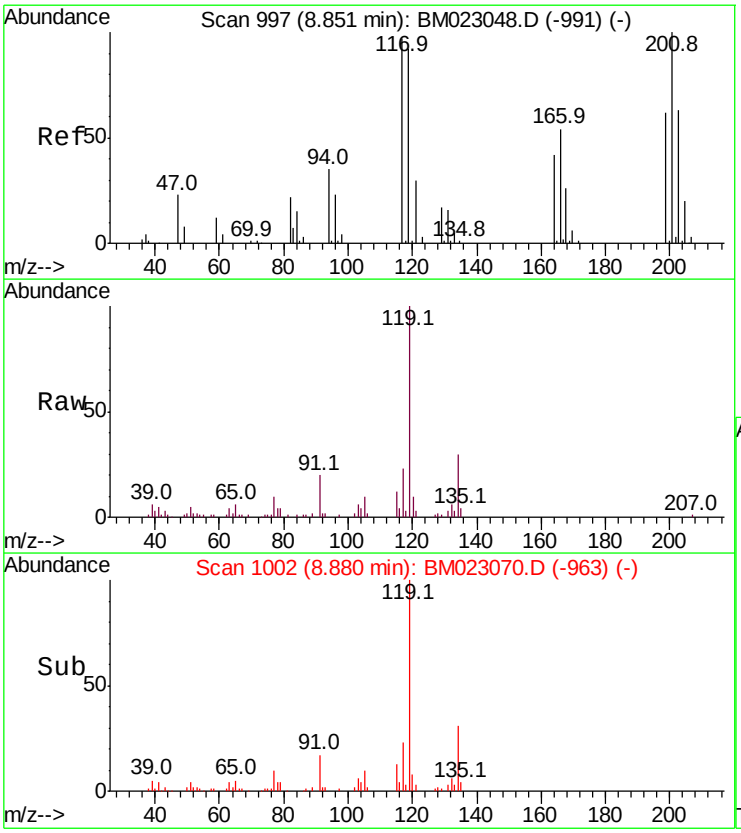
#14
Acetophenone
Concen: 1.494 ng/ul
RT: 8.57 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 33609

Ion	Ratio	Lower	Upper
105	100		
77	13.7	59.4	89.0#
51	4.8	19.4	29.0#

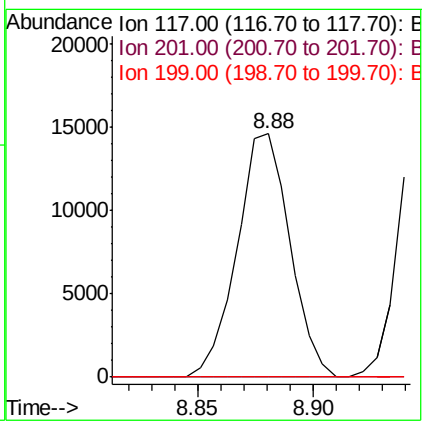


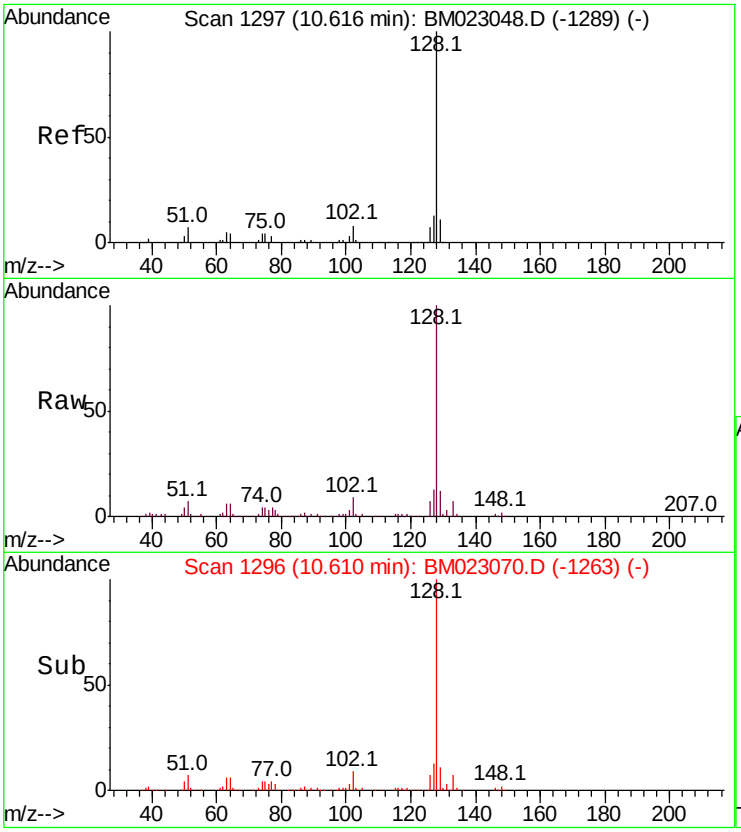


#17
Hexachloroethane
Concen: 3.931 ng/ul
RT: 8.88 min Scan# 1002
Delta R.T. 0.03 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Tgt Ion:117 Resp: 23201

Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#



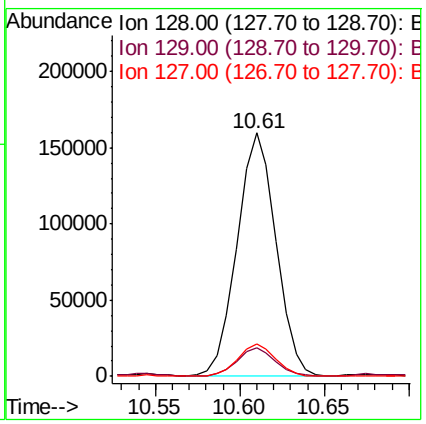


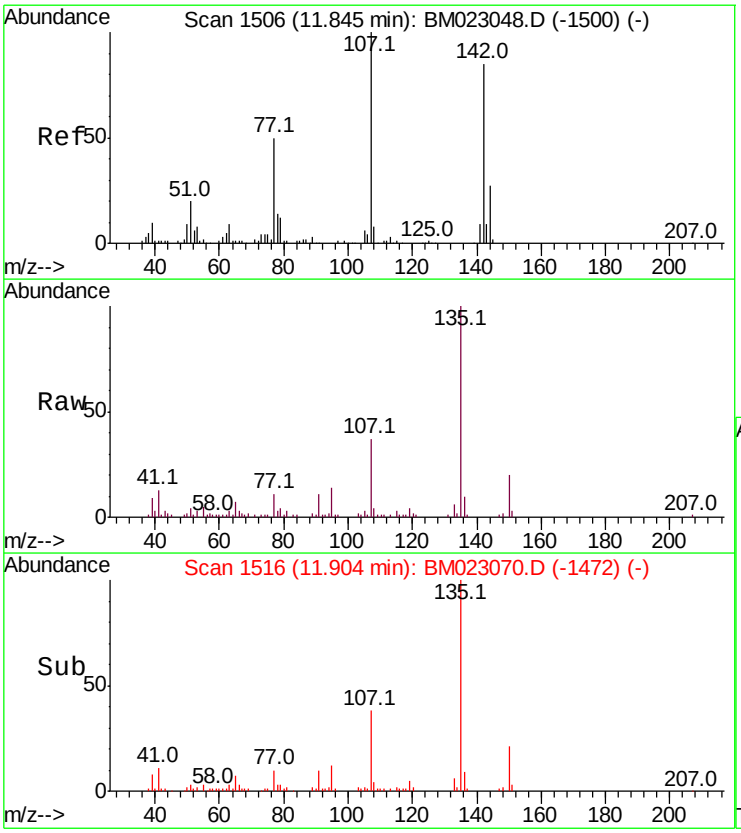
#28
Naphthalene
Concen: 5.622 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 257030

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.2	10.2	15.4

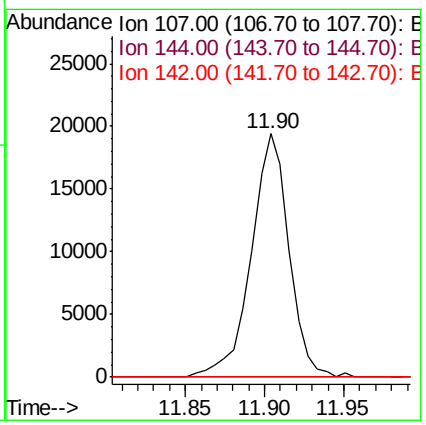


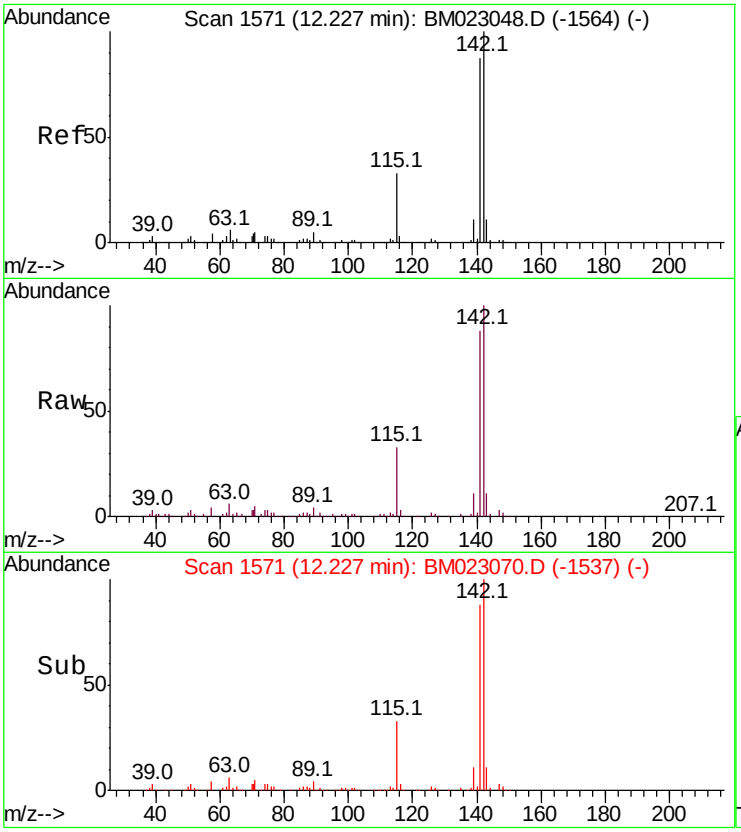


#33
4-Chloro-3-methylphenol
Concen: 2.169 ng/ul
RT: 11.90 min Scan# 1516
Delta R.T. 0.06 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Tgt Ion:107 Resp: 32106

Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.5	33.7#
142	0.0	68.9	103.3#



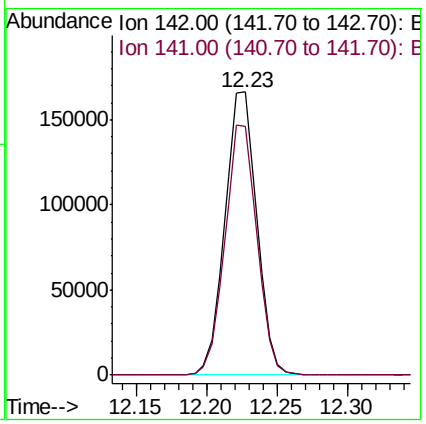


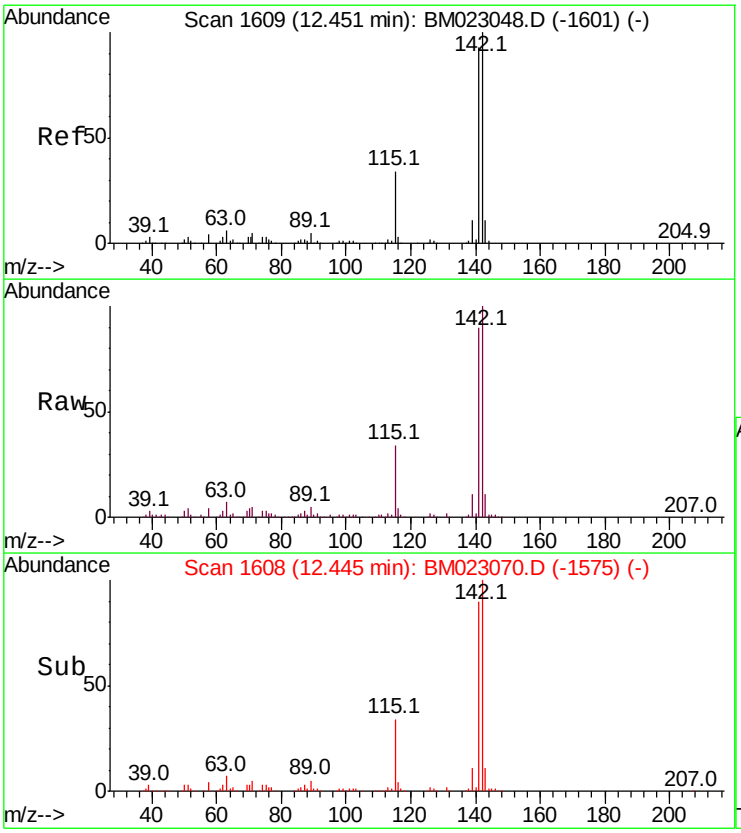
#34
2-Methylnaphthalene
Concen: 7.656 ng/ul
RT: 12.23 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 262464

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.2	106.8

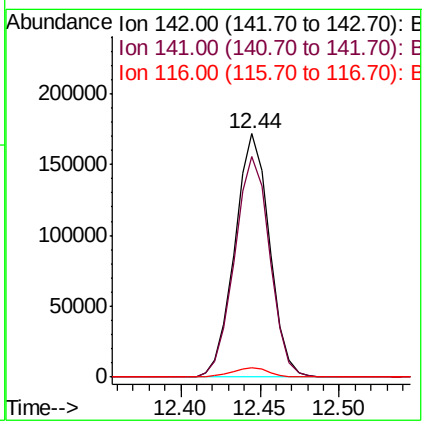


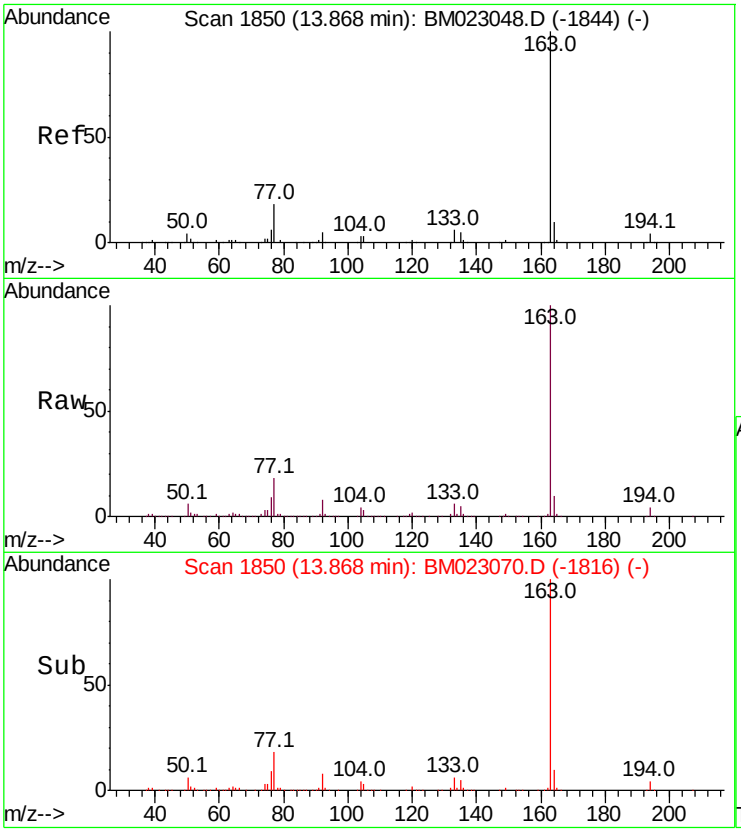


#35
1-Methylnaphthalene
Concen: 7.947 ng/ul
RT: 12.44 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Tgt Ion:142 Resp: 260199

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.0	109.6
116	3.7	2.9	4.3



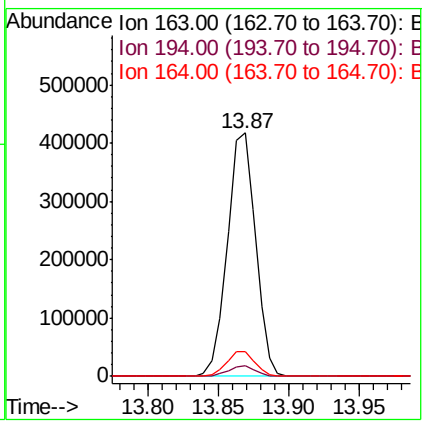


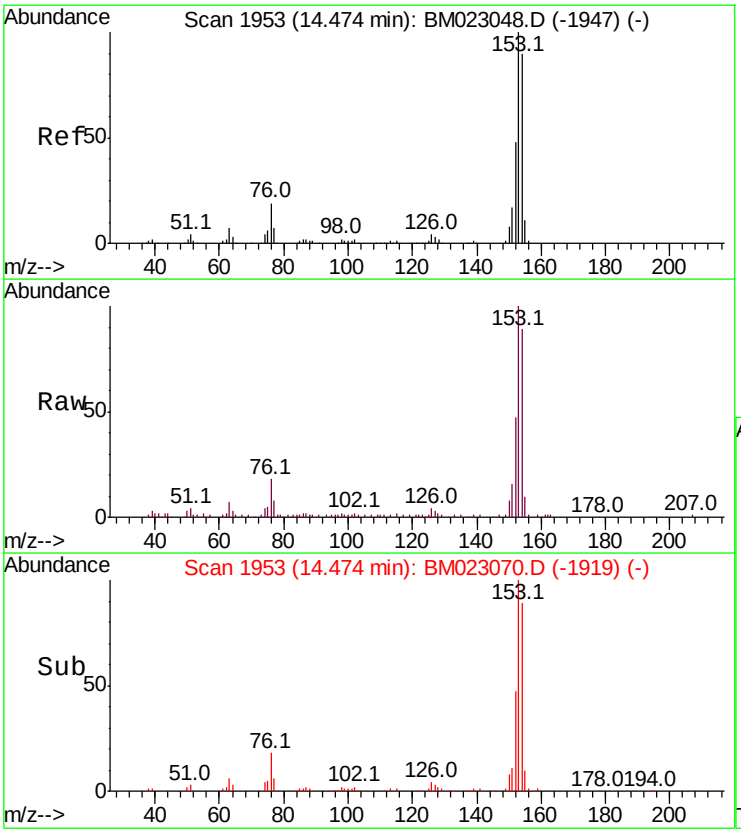
#45
Dimethylphthalate
Concen: 15.035 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 582302

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1

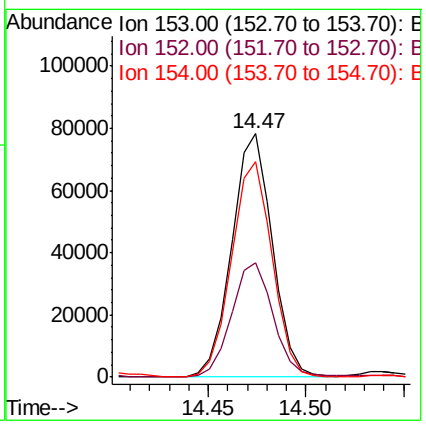


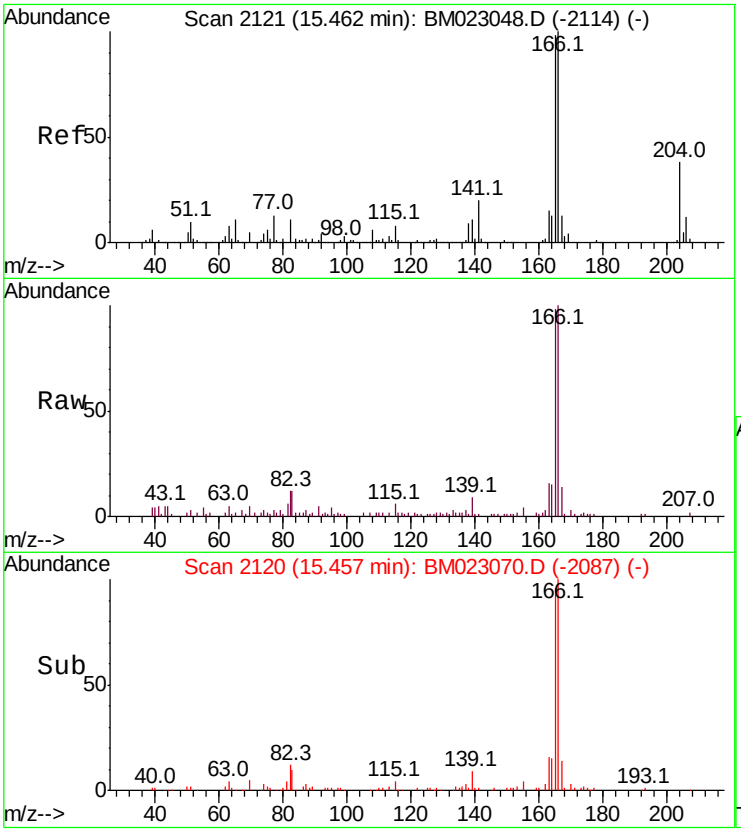


#50
Acenaphthene
Concen: 3.441 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Tgt Ion:153 Resp: 112628

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.1	57.1
154	88.7	71.1	106.7



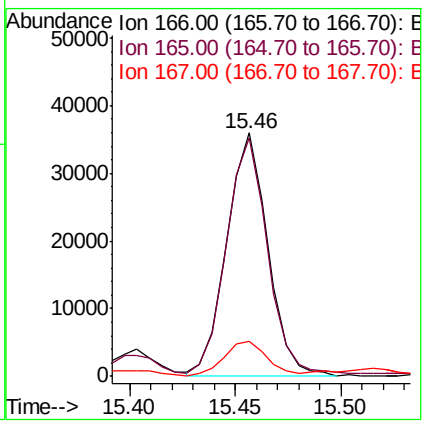


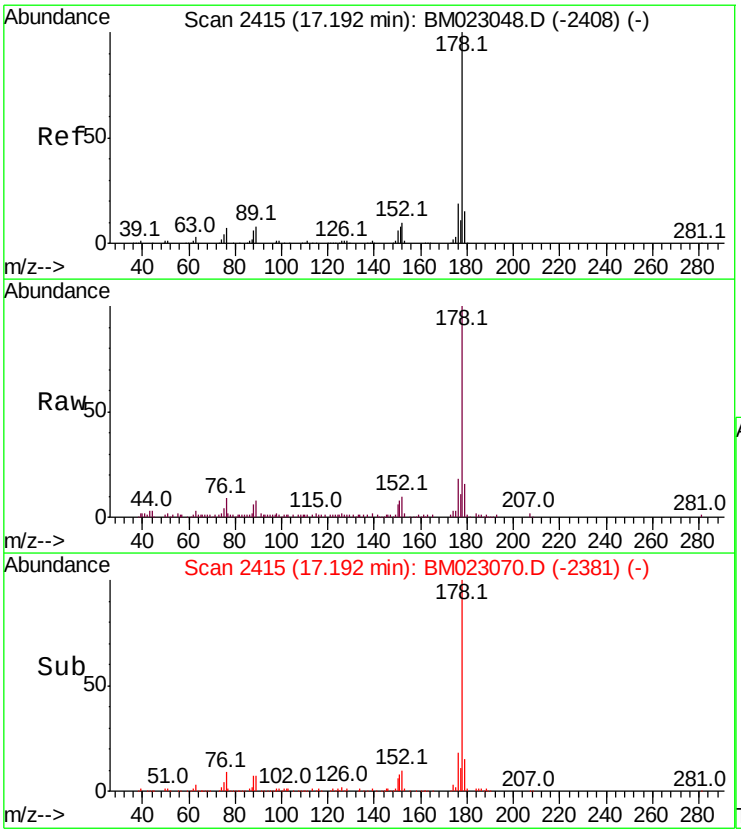
#59
Fluorene
Concen: 1.281 ng/ul
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 48410

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.7	116.5
167	14.3	11.0	16.4





#70
Phenanthrene
Concen: 2.156 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Tgt Ion:178 Resp: 115489

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.0	15.3	22.9