Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023072.D
Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 09 08:26:26 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	183629	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	764898	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	441207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	837567	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	826074	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	981349	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	23276	5.48	ng/uL	0.00
5) Phenol-d5	6.94	99	84445	5.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	203242	22.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	248181	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	156755	11.80	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	149967	25.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	159588	24.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	293169	22.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	261892	16.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	936727	27.36	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1028967	26.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	36951	5.46	ng/ul	0.00
58) Fluorene-d10	15.40	176	782676	26.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	116548	21.38	ng/ul	0.00
71) Anthracene-d10	17.24	188	1209361	29.57	ng/ul	0.00
79) Pyrene-d10	19.54	212	1353242	30.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1519682	29.93	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	62532	8.504	ng/ul#	1
14) Acetophenone	8.57	105	71360	3.514	ng/ul#	35
17) Hexachloroethane	8.88	117	46172	8.669	ng/ul#	6
24) 2,4-Dimethylphenol	9.74	107	23648	1.647	ng/ul	96
28) Naphthalene	10.61	128	1059813	25.656	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	494439	15.964	ng/ul	98
35) 1-Methylnaphthalene	12.44	142	351410	11.880	ng/ul	99
45) Dimethylphthalate	13.87	163	365817	10.400	ng/ul	99
50) Acenaphthene	14.47	153	85108	2.863	ng/ul	99
59) Fluorene	15.46	166	50084	1.460	ng/ul	100
70) Phenanthrene	17.19	178	124899	2.499	ng/ul	100

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

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Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
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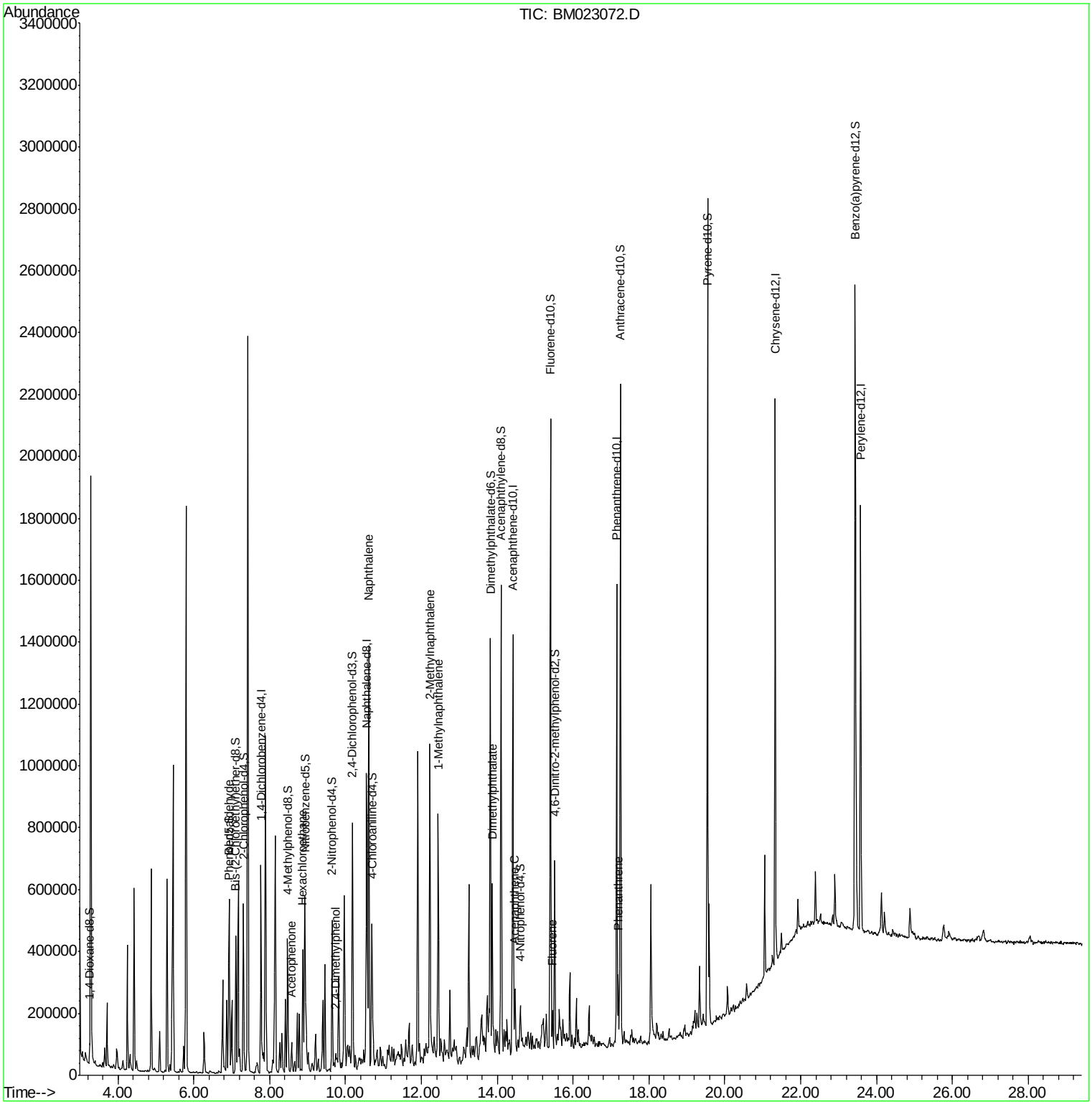
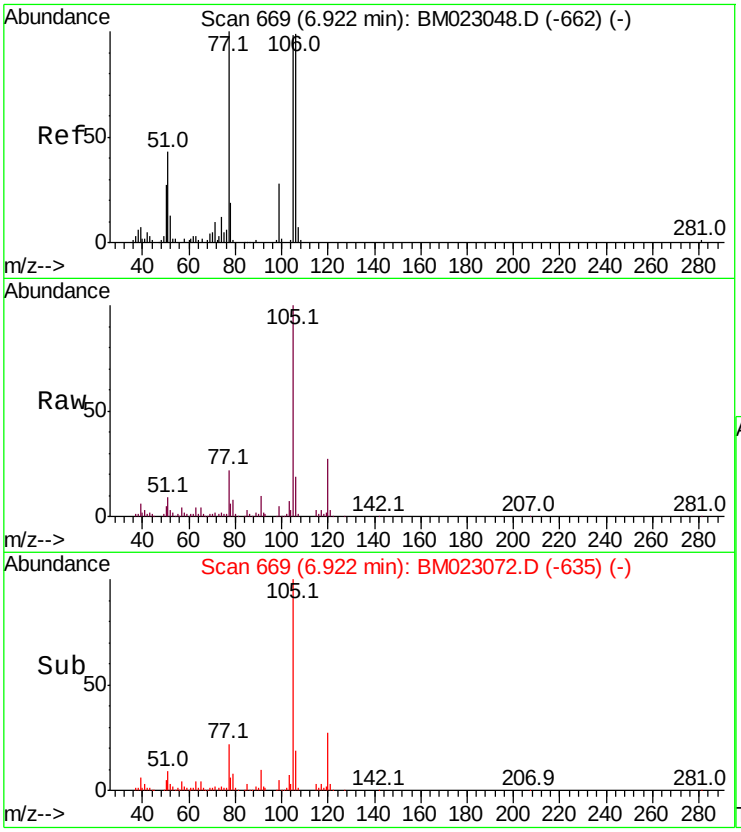


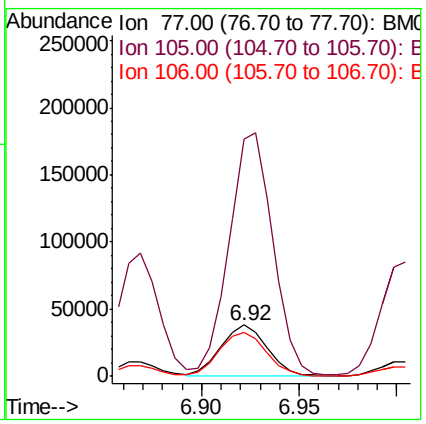


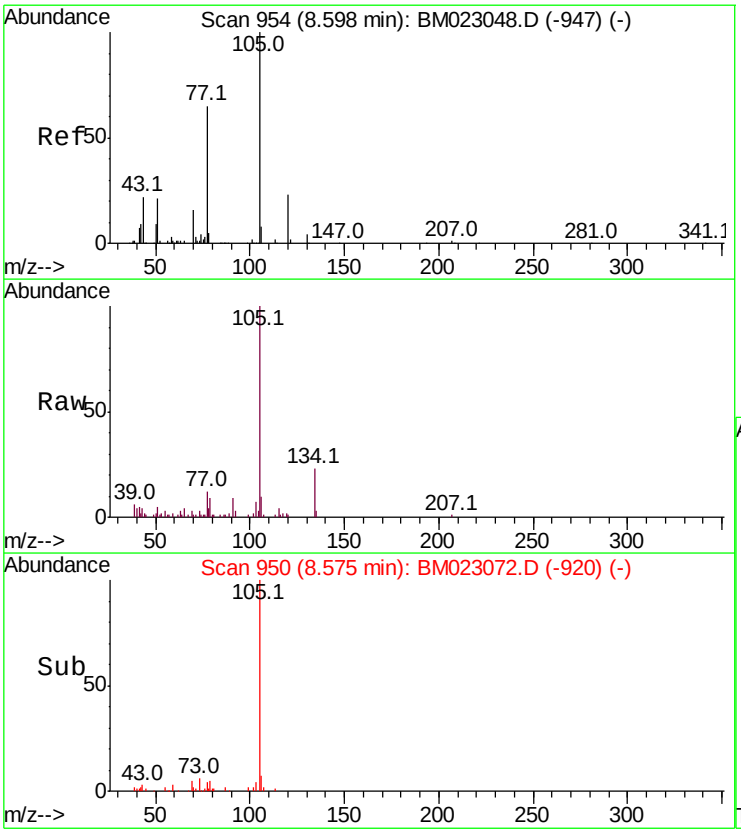
#4
Benzaldehyde
Concen: 8.504 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 62532

Ion	Ratio	Lower	Upper
77	100		
105	459.2	80.6	120.8#
106	86.4	77.0	115.6

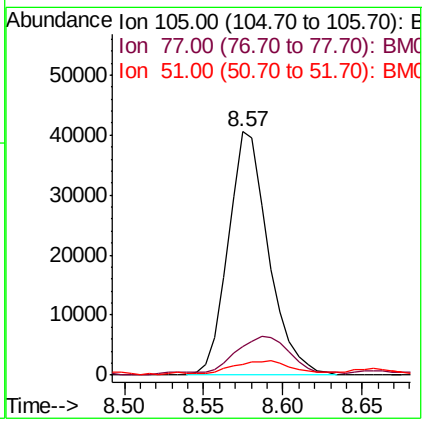


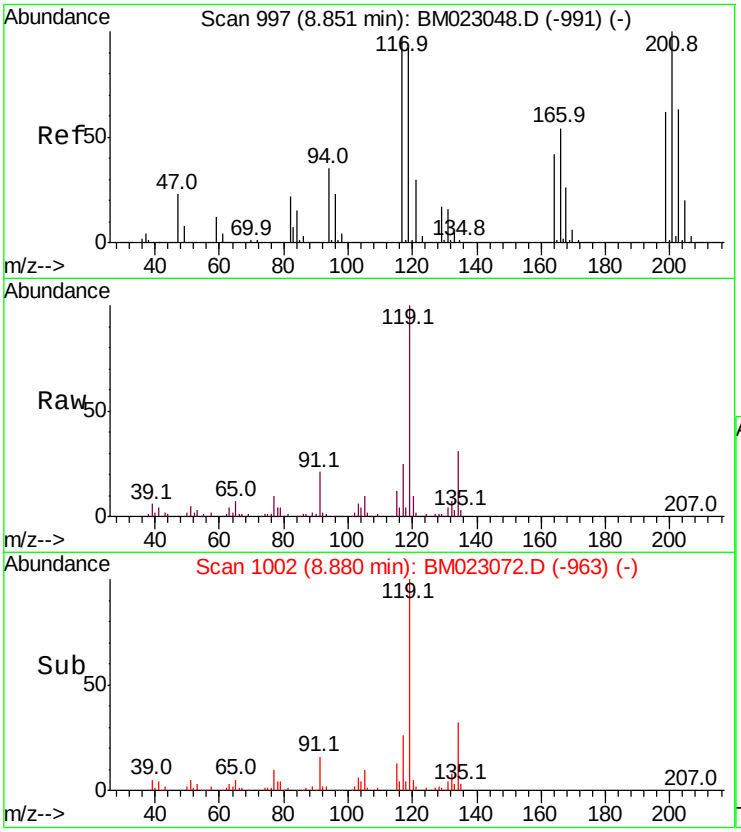


#14
Acetophenone
Concen: 3.514 ng/ul
RT: 8.57 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Tgt Ion:105 Resp: 71360

Ion	Ratio	Lower	Upper
105	100		
77	11.9	59.4	89.0#
51	4.6	19.4	29.0#



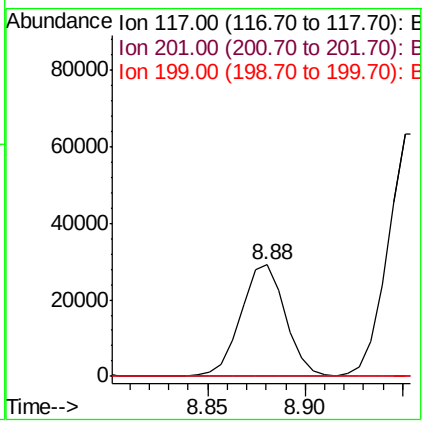


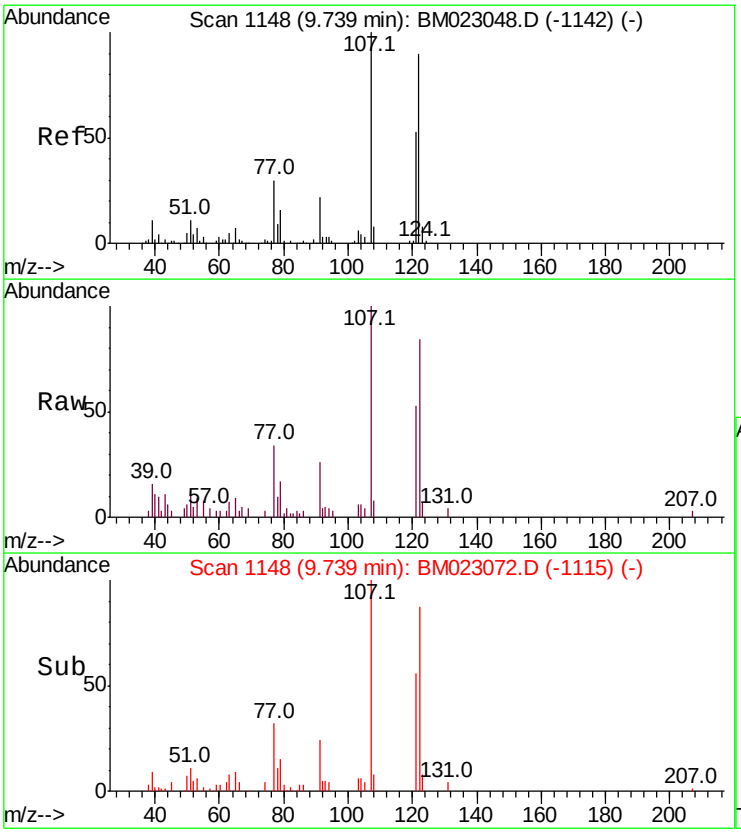
#17
Hexachloroethane
Concen: 8.669 ng/ul
RT: 8.88 min Scan# 1002
Delta R.T. 0.03 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 46172

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

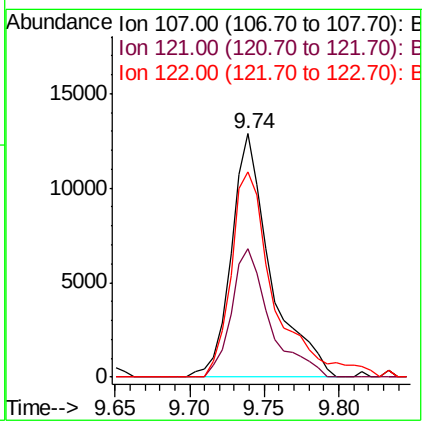


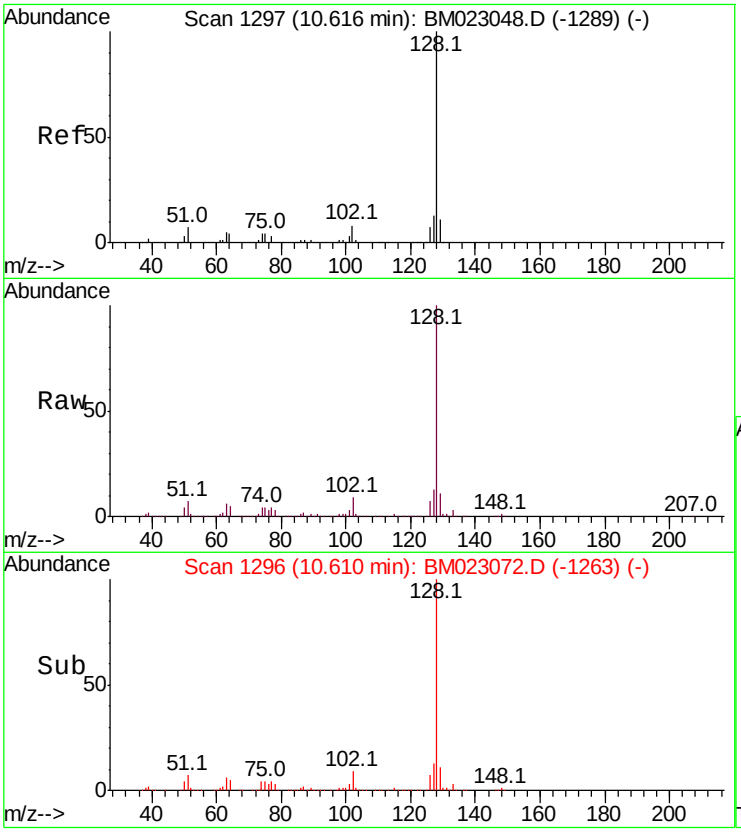


#24
2,4-Dimethylphenol
Concen: 1.647 ng/ul
RT: 9.74 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Tgt Ion:107 Resp: 23648

Ion	Ratio	Lower	Upper
107	100		
121	52.6	43.0	64.4
122	84.5	71.4	107.0



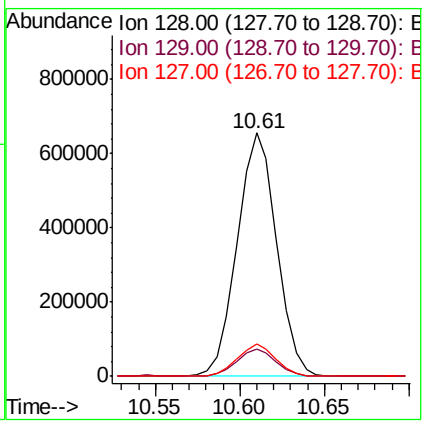


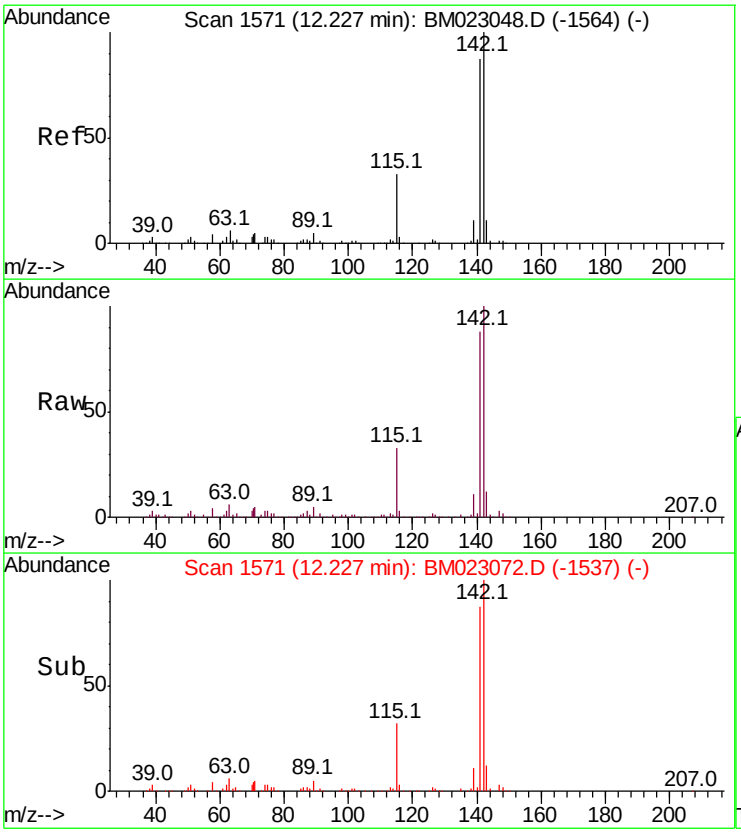
#28
Naphthalene
Concen: 25.656 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1059813

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.1	10.2	15.4

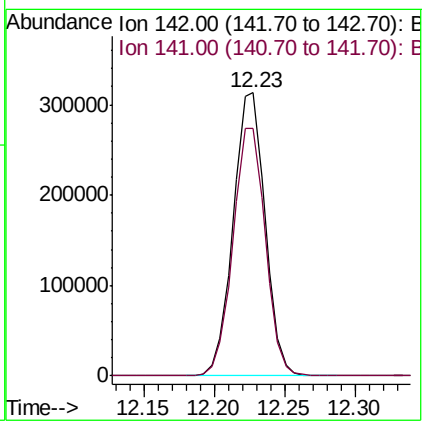


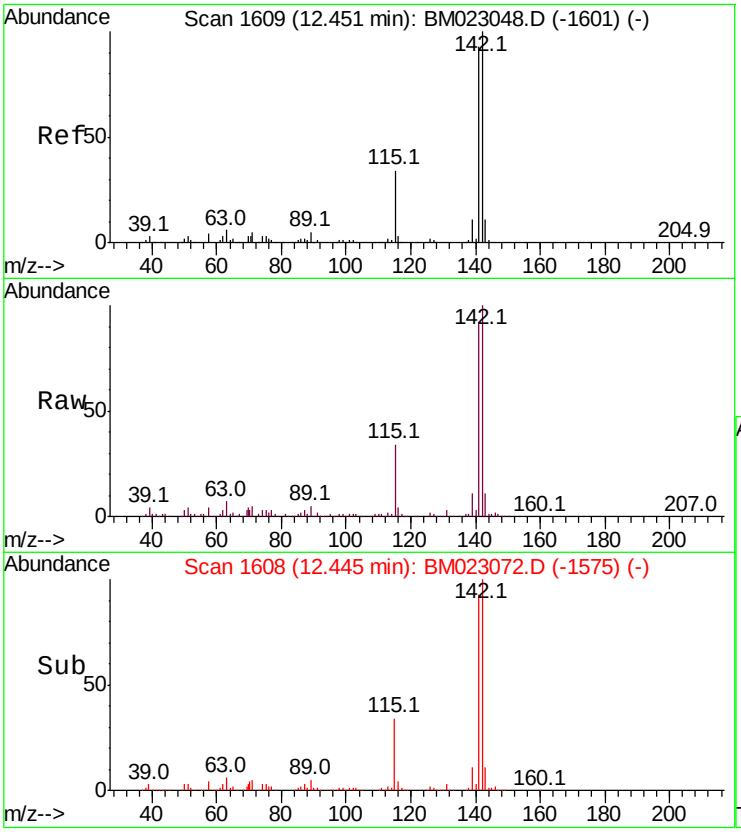


#34
2-Methylnaphthalene
Concen: 15.964 ng/ul
RT: 12.23 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Tgt Ion:142 Resp: 494439

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.2	106.8



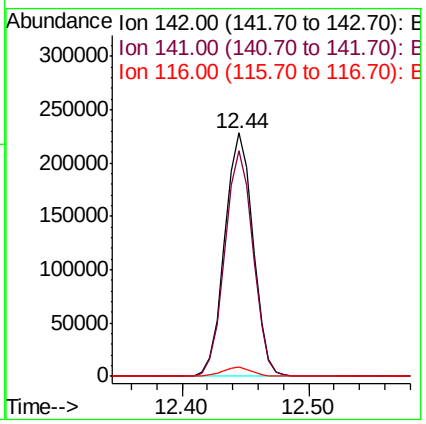


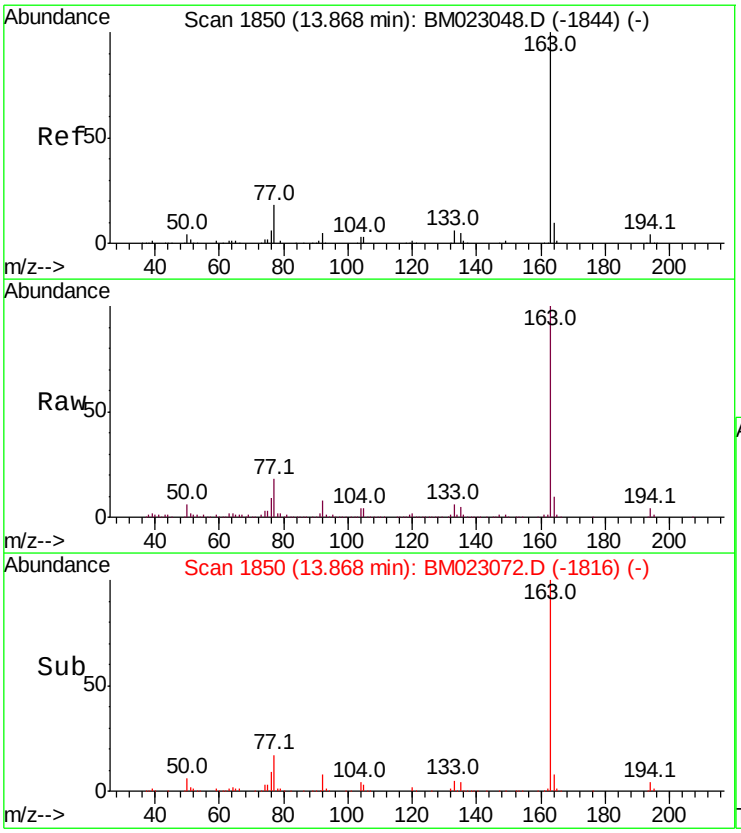
#35
1-Methylnaphthalene
Concen: 11.880 ng/ul
RT: 12.44 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 351410

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.0	109.6
116	3.7	2.9	4.3

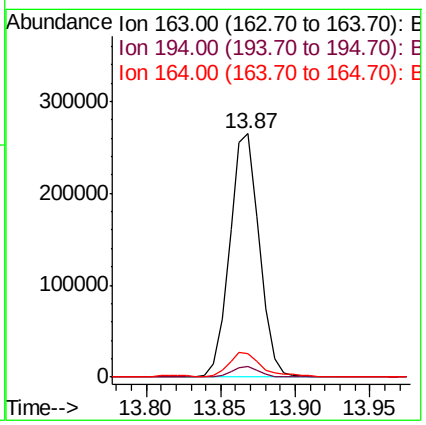


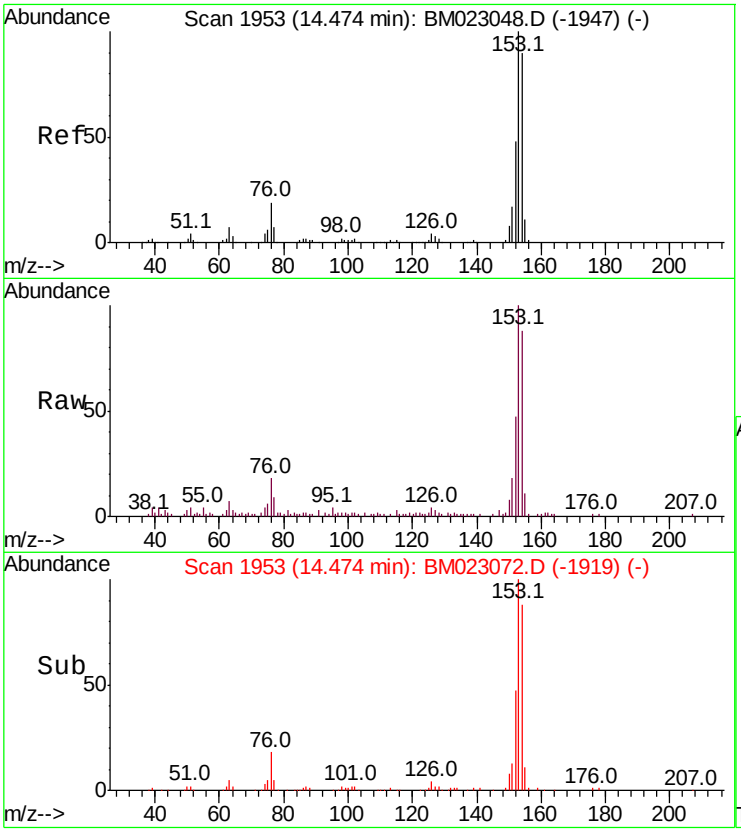


#45
Dimethylphthalate
Concen: 10.400 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Tgt Ion:163 Resp: 365817

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.7	8.1	12.1



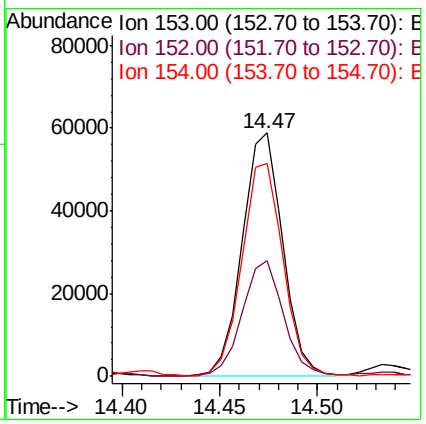


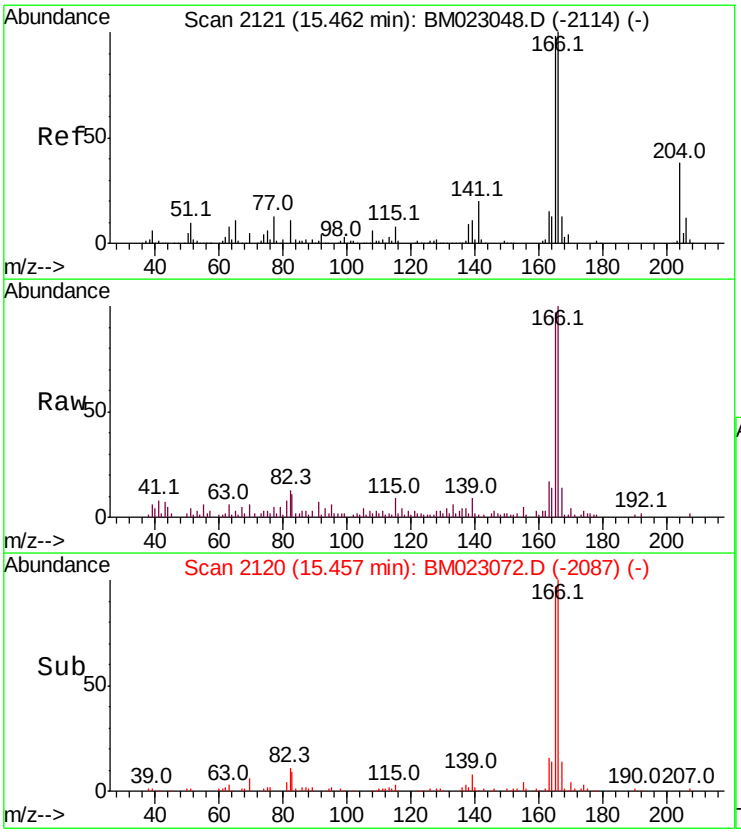
#50
Acenaphthene
Concen: 2.863 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 85108

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.1	57.1
154	87.7	71.1	106.7

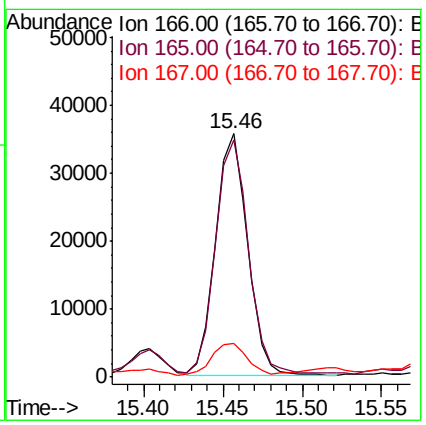


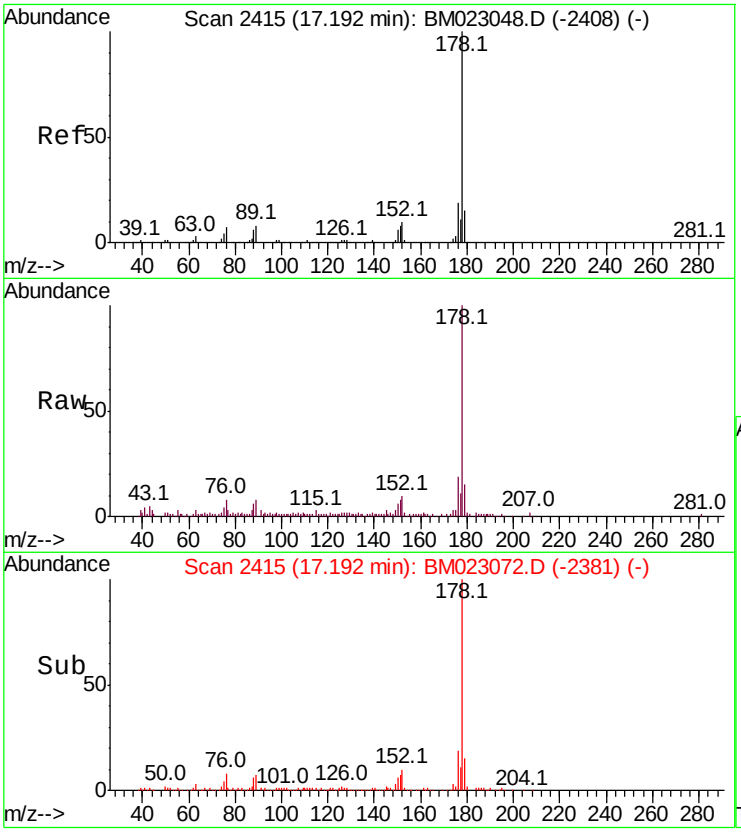


#59
Fluorene
Concen: 1.460 ng/ul
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Tgt Ion:166 Resp: 50084

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.7	116.5
167	13.9	11.0	16.4





#70
Phenanthrene
Concen: 2.499 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM023072.D
Acq: 09 Oct 2019 07:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 124899

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.9	15.3	22.9