Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022862.D
Acq On : 01 Oct 2019 19:52
Operator : JU
Sample : K4983-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM1

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Quant Time: Oct 02 12:59:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	216772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	980978	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	632294	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.18	188	1310521	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1258354	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1136647	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	24458	4.88	ng/uL	0.00
5) Phenol-d5	6.97	99	124651	6.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	268820	25.64	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	321239	20.83	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	232089	14.80	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	195939	25.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	216947	26.24	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	397287	24.14	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	518922	25.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1409304	28.72	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1537224	27.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	73019	7.53	ng/ul	0.00
58) Fluorene-d10	15.43	176	1166965	27.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	224561	26.33	ng/ul	-0.01
71) Anthracene-d10	17.27	188	2031848	31.75	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2357177	34.80	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1987402	33.80	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	6.99	94	33617	1.674	ng/ul	98
11) 2-Methylphenol	8.25	108	87200	5.635	ng/ul	99
16) 4-Methylphenol	8.57	108	150618	8.802	ng/ul	94
24) 2,4-Dimethylphenol	9.77	107	322991m	17.545	ng/ul	
28) Naphthalene	10.65	128	332002	6.267	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	223430	5.625	ng/ul	99
45) Dimethylphthalate	13.89	163	70256	1.394	ng/ul	99

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

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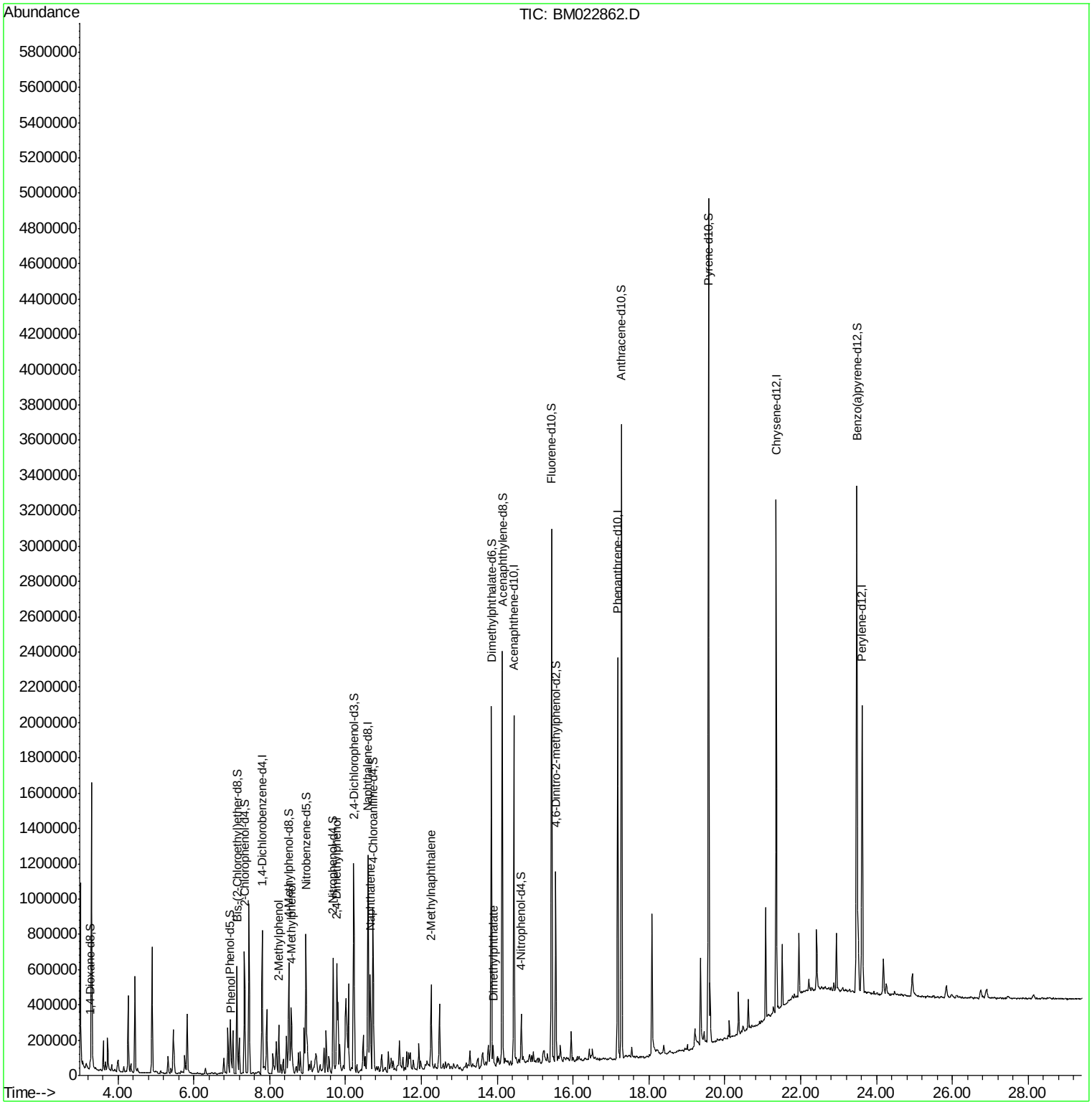
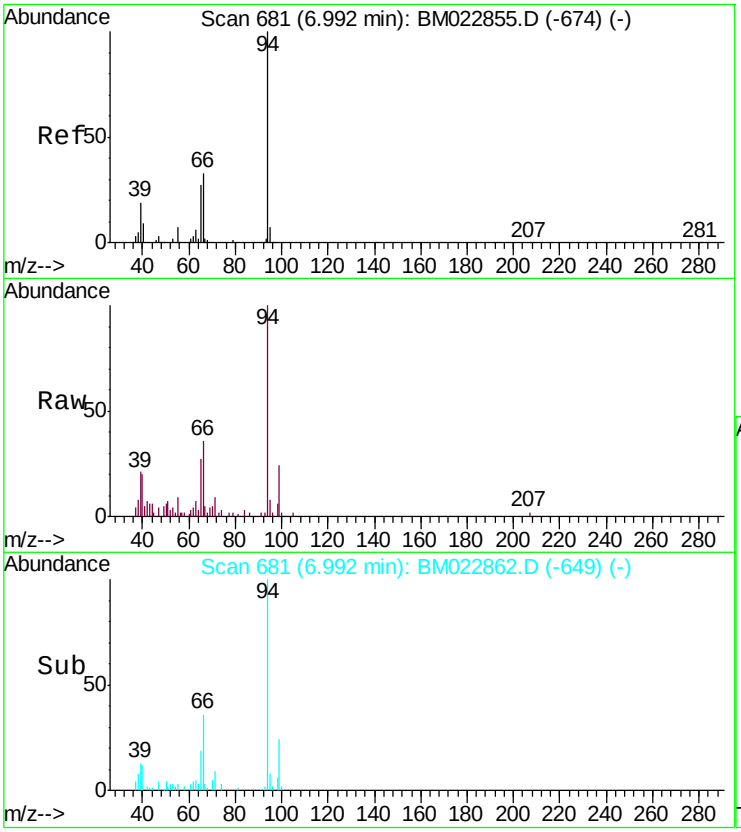
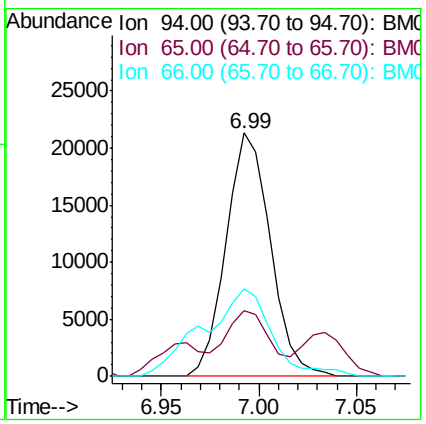




#6
Phenol
Concen: 1.674 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022862.D
Acq: 01 Oct 2019 19:52

Tgt Ion: 94 Resp: 33617

Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.9	31.3
66	35.9	27.2	40.8



Instrument :
BNA_M
ClientSampleId :
BFDM1

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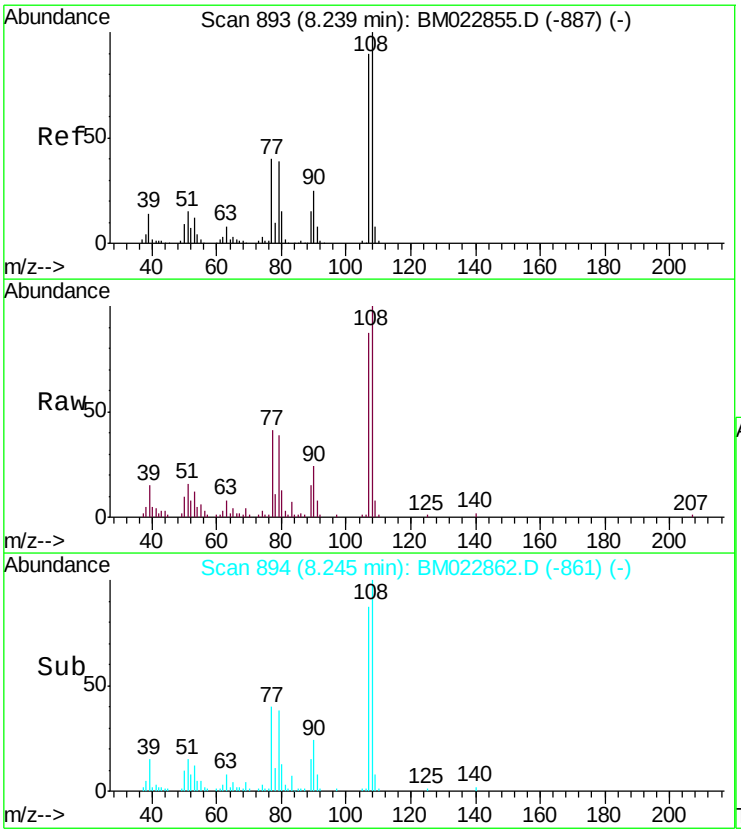
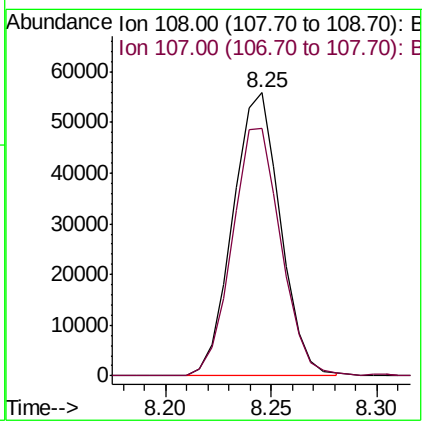
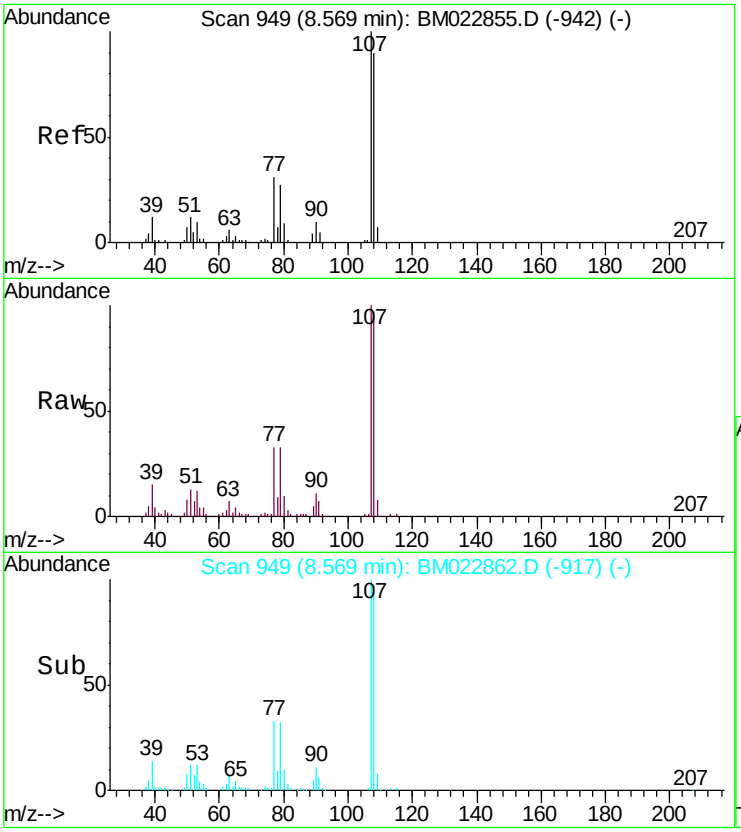


#11
2-Methylphenol
Concen: 5.635 ng/ul
RT: 8.25 min Scan# 894
Delta R.T. -0.01 min
Lab File: BM022862.D
Acq: 01 Oct 2019 19:52

Tgt Ion:108 Resp: 87200

Ion	Ratio	Lower	Upper
108	100		
107	87.4	71.0	106.4





#16
4-Methylphenol
Concen: 8.802 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM022862.D
Acq: 01 Oct 2019 19:52

Tgt Ion:108 Resp: 150618

Ion	Ratio	Lower	Upper
108	100		
107	103.4	87.9	131.9

Instrument :
BNA_M
ClientSampleId :
BFDM1

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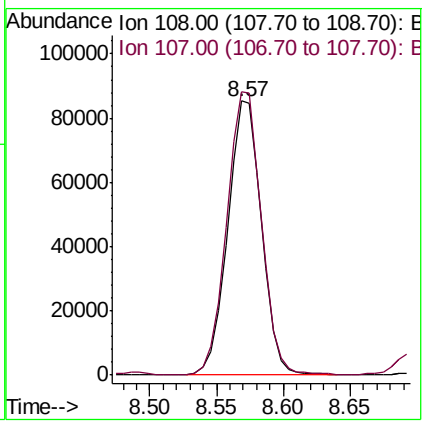
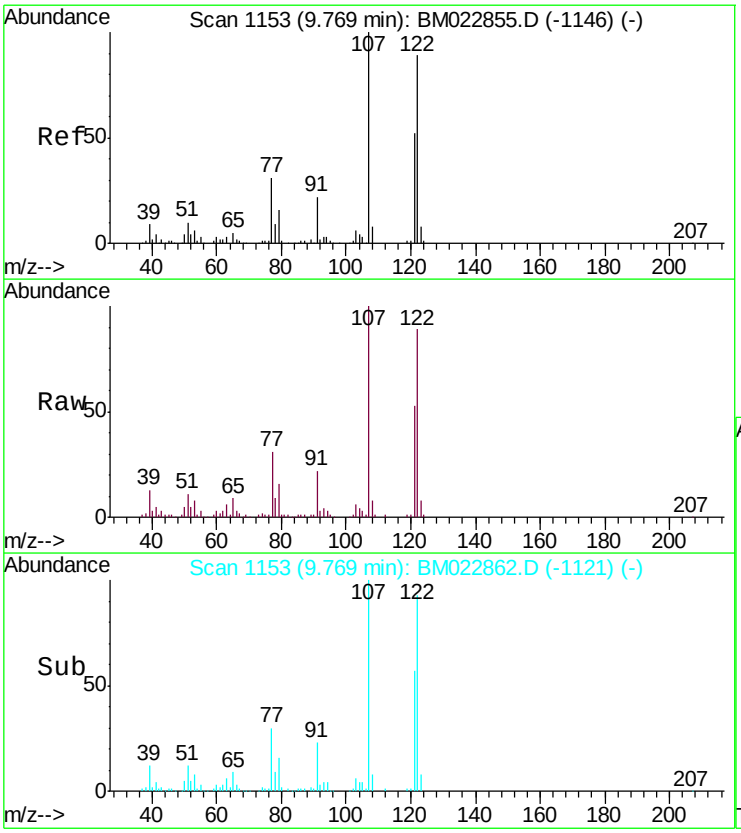
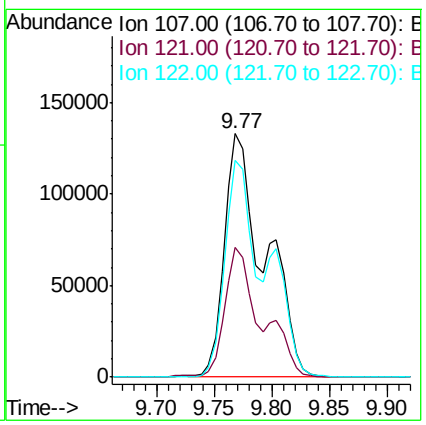


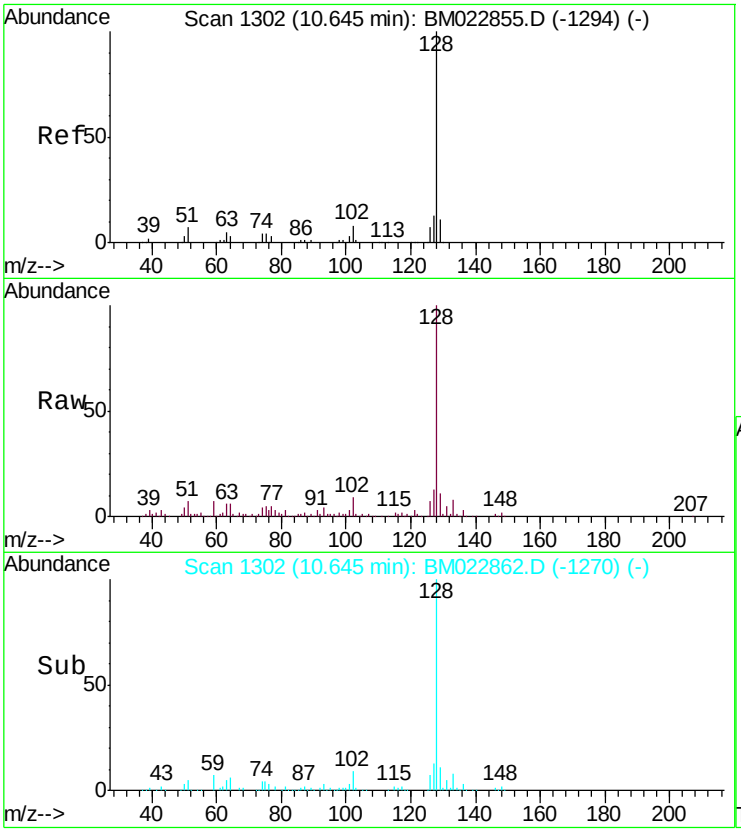


#24
2,4-Dimethylphenol
Concen: 17.545 ng/ul m
RT: 9.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM022862.D
Acq: 01 Oct 2019 19:52

Tgt Ion:107 Resp: 322991

Ion	Ratio	Lower	Upper
107	100		
121	53.1	43.0	64.4
122	89.3	71.4	107.0

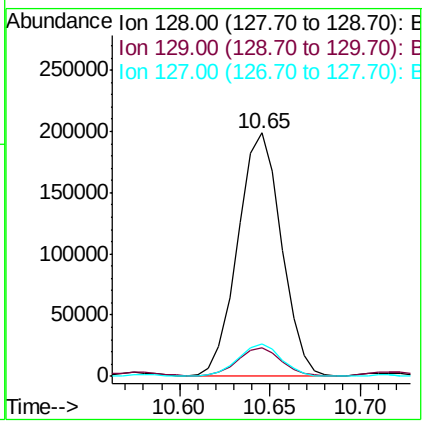




#28
Naphthalene
Concen: 6.267 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022862.D
Acq: 01 Oct 2019 19:52

Tgt Ion:128 Resp: 332002

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



Instrument :
BNA_M
ClientSampleId :
BFDM1

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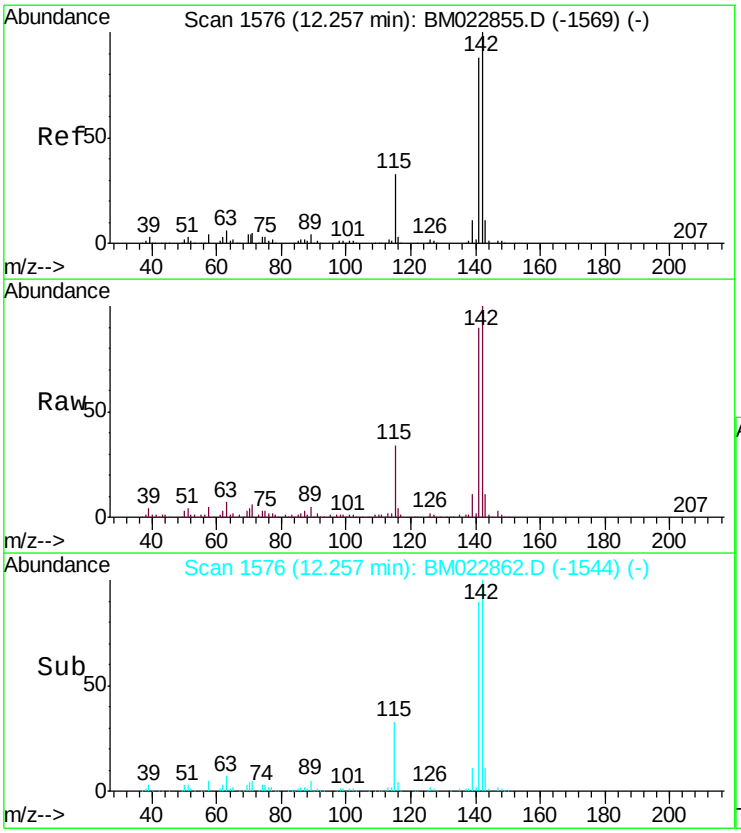
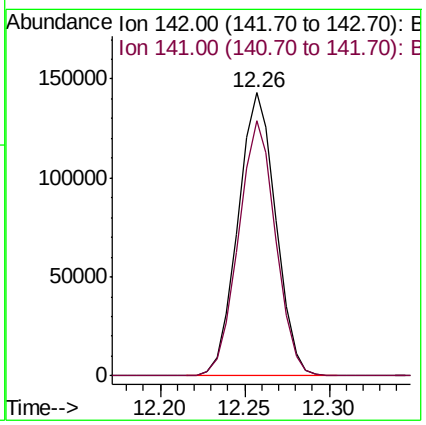
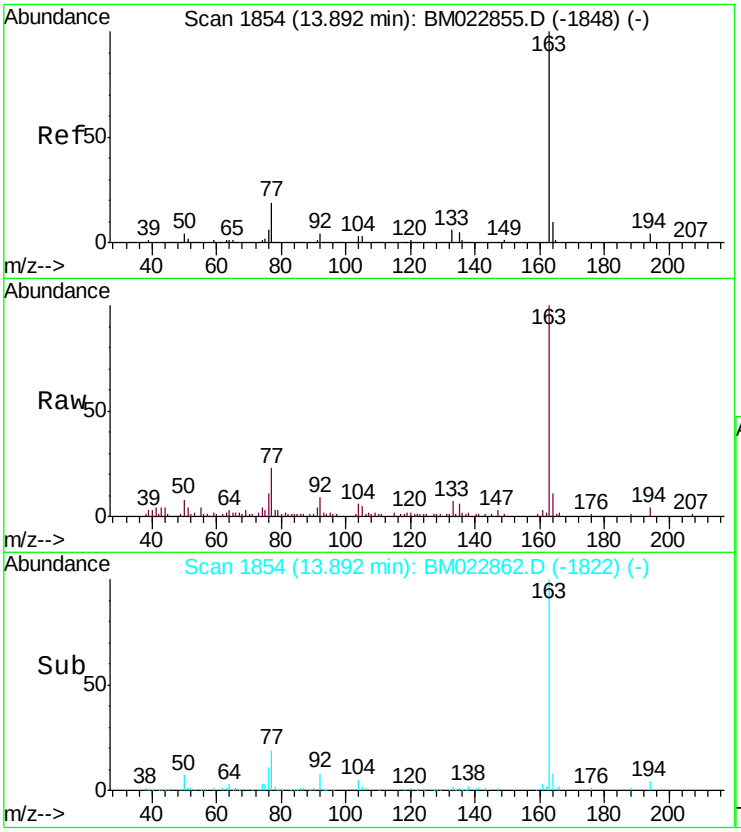


#34
2-Methylnaphthalene
Concen: 5.625 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022862.D
Acq: 01 Oct 2019 19:52

Tgt Ion:142 Resp: 223430

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.2	106.8

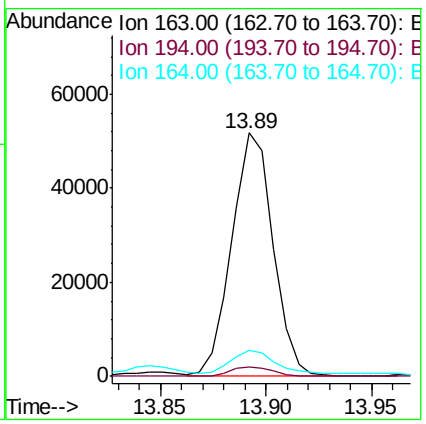




#45
Dimethylphthalate
Concen: 1.394 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022862.D
Acq: 01 Oct 2019 19:52

Tgt Ion:163 Resp: 70256

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.7	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
BFDM1

Manual Integrations APPROVED
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