Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022963.D
Acq On : 04 Oct 2019 18:29
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

Manual Integrations APPROVED
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Quant Time: Oct 04 23:53:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	188287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	730302	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	403408	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	699349	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	634414	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	758487	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	25948	5.96	ng/uL	0.00
5) Phenol-d5	6.96	99	124012	7.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	249513	27.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	315874	23.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	205820	15.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	174908	31.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	189312	30.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	326008	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	224745	15.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	926869	29.60	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1087049	30.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	32912	5.32	ng/ul	0.01
58) Fluorene-d10	15.42	176	763765	28.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	103872	22.82	ng/ul	0.00
71) Anthracene-d10	17.26	188	1075395	31.49	ng/ul	0.00
79) Pyrene-d10	19.56	212	1100874	32.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1243295	31.69	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	1577419	90.447	ng/ul	100
11) 2-Methylphenol	8.24	108	1184887	88.149	ng/ul	100
16) 4-Methylphenol	8.58	108	3165232	212.964	ng/ul	91
24) 2,4-Dimethylphenol	9.77	107	3950607m	288.255	ng/ul	
28) Naphthalene	10.63	128	1580837	40.081	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	421331	14.248	ng/ul	99
45) Dimethylphthalate	13.89	163	910501	28.310	ng/ul	99
50) Acenaphthene	14.49	153	47410	1.744	ng/ul	99
70) Phenanthrene	17.21	178	57331	1.374	ng/ul	97

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

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Manual Integrations APPROVED
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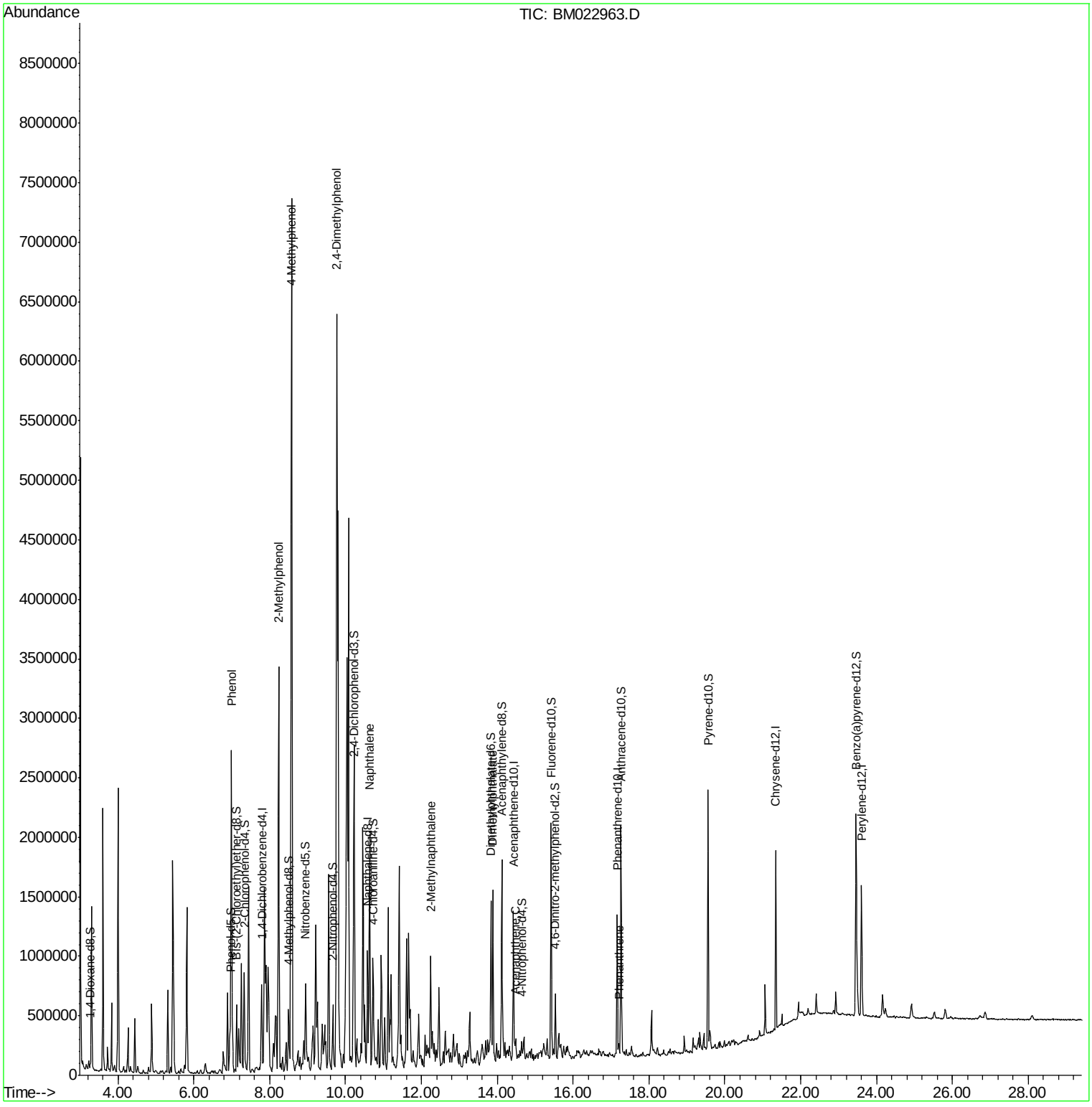
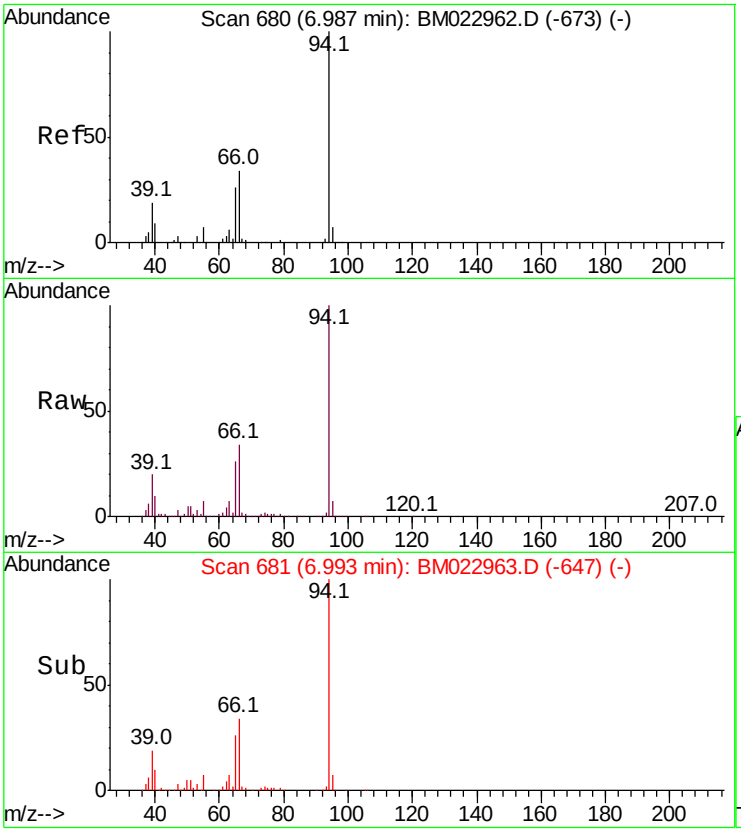
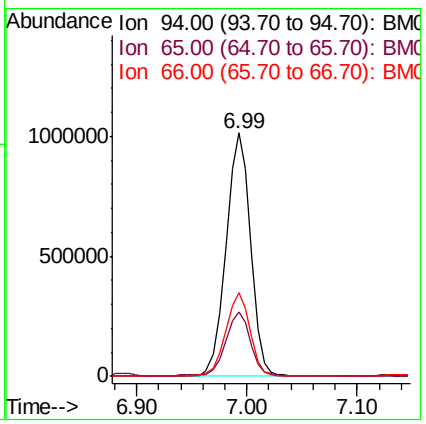




#6
Phenol
Concen: 90.447 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion: 94 Resp: 1577419

Ion	Ratio	Lower	Upper
94	100		
65	26.3	20.9	31.3
66	34.2	27.2	40.8



Instrument :
BNA_M
ClientSampleId :
BFDJ8

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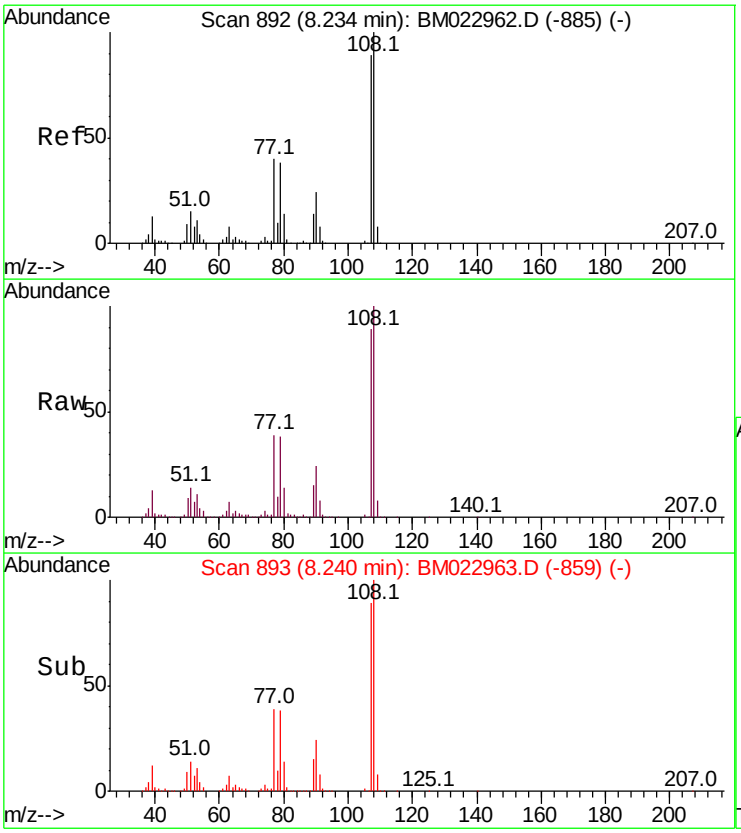
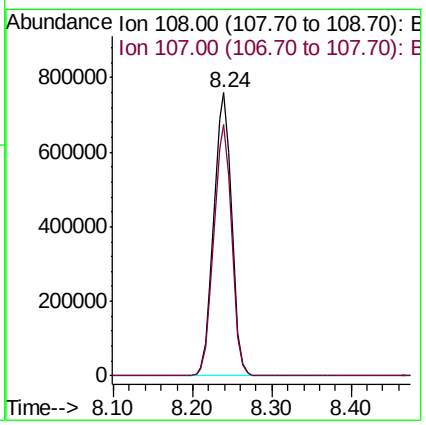
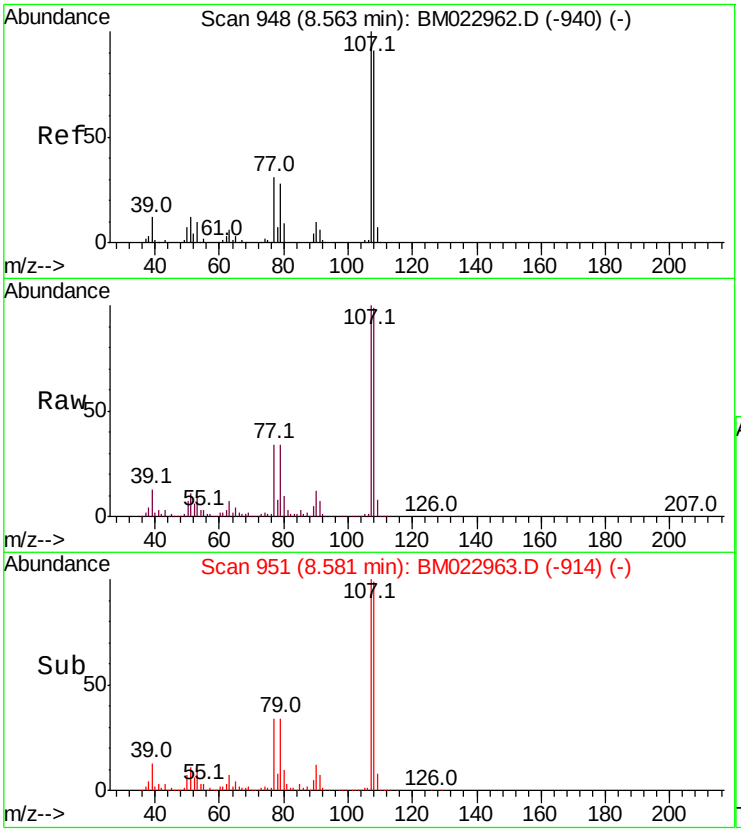


#11
2-Methylphenol
Concen: 88.149 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:108 Resp: 1184887

Ion	Ratio	Lower	Upper
108	100		
107	88.7	71.0	106.4

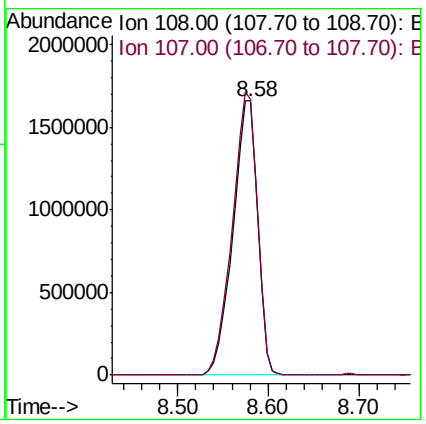




#16
4-Methylphenol
Concen: 212.964 ng/ul
RT: 8.58 min Scan# 951
Delta R.T. 0.02 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:108 Resp: 3165232

Ion	Ratio	Lower	Upper
108	100		
107	100.6	87.9	131.9



Instrument :
BNA_M
ClientSampleId :
BFDJ8

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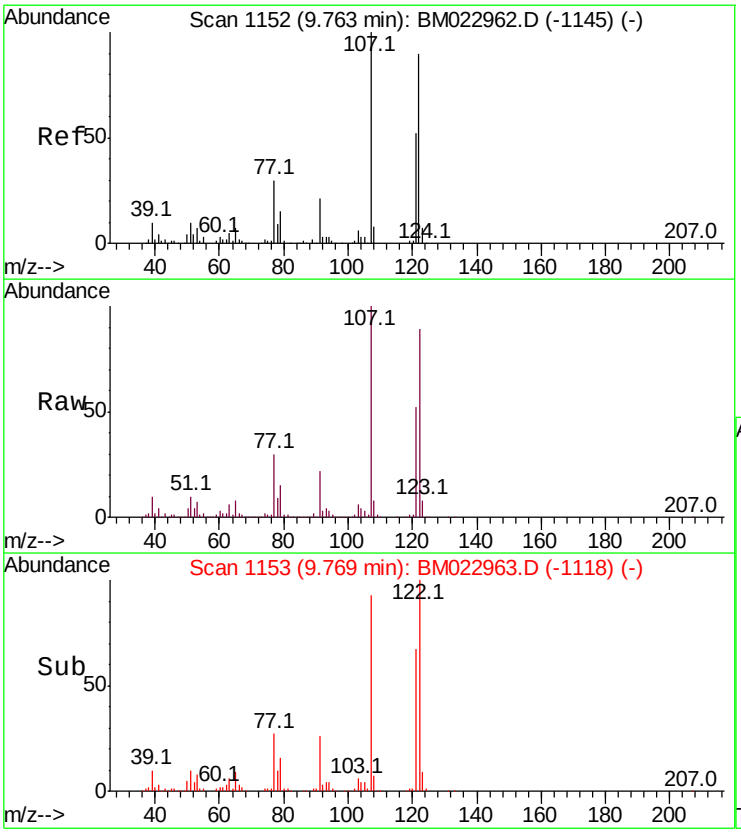
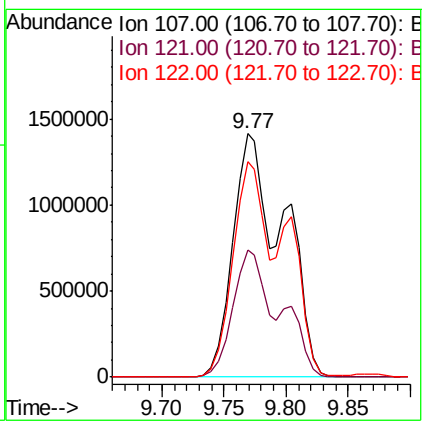
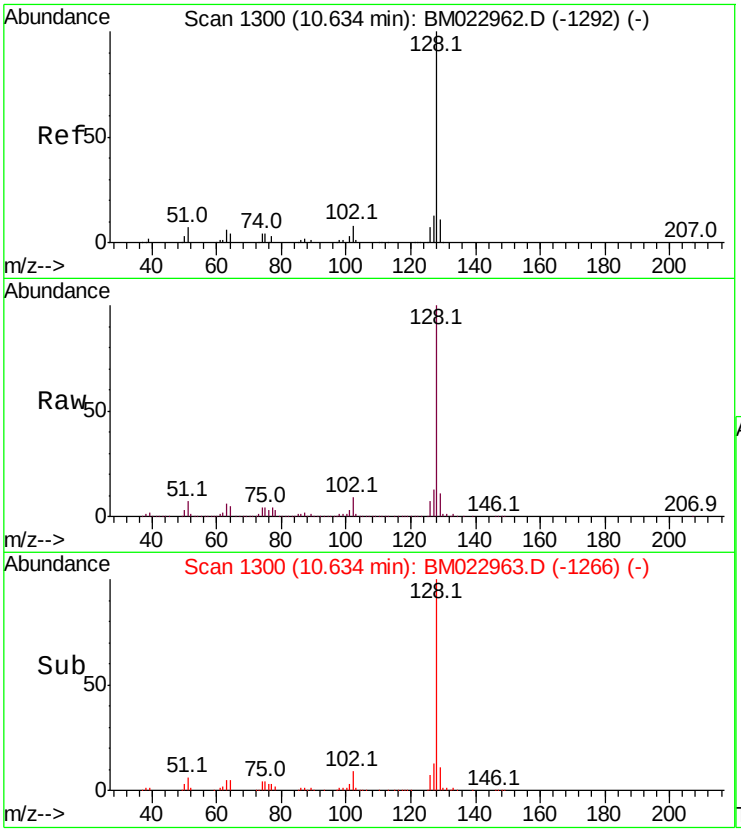


#24
2,4-Dimethylphenol
Concen: 288.255 ng/ul m
RT: 9.77 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:107 Resp: 3950607

Ion	Ratio	Lower	Upper
107	100		
121	52.2	43.0	64.4
122	88.5	71.4	107.0

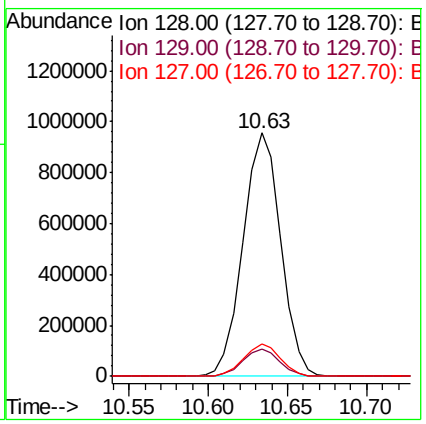




#28
Naphthalene
Concen: 40.081 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:128 Resp: 1580837

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.2	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
BFDJ8

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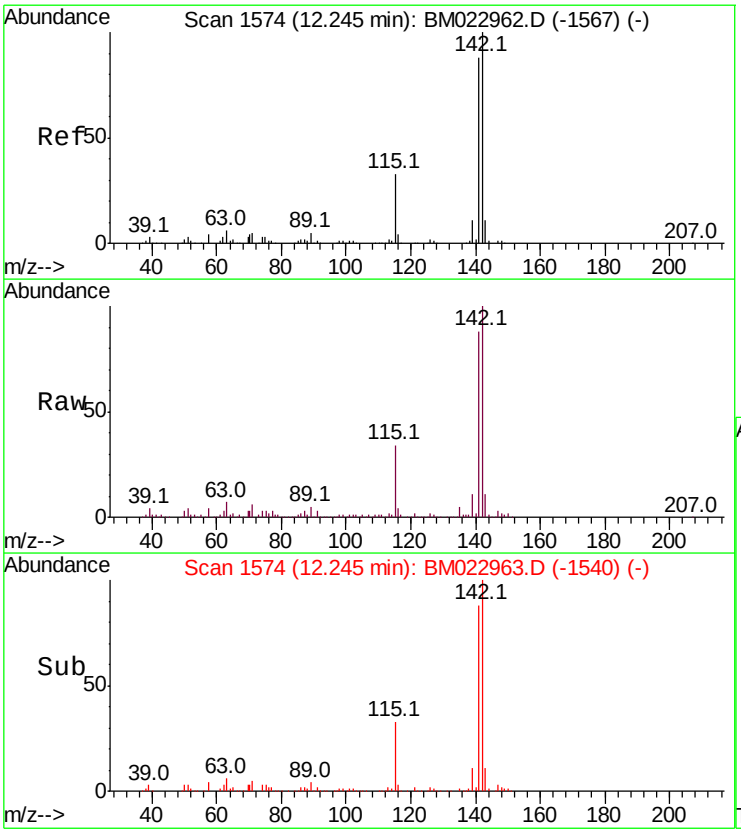
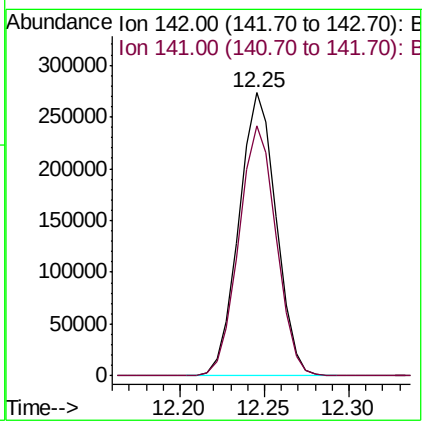
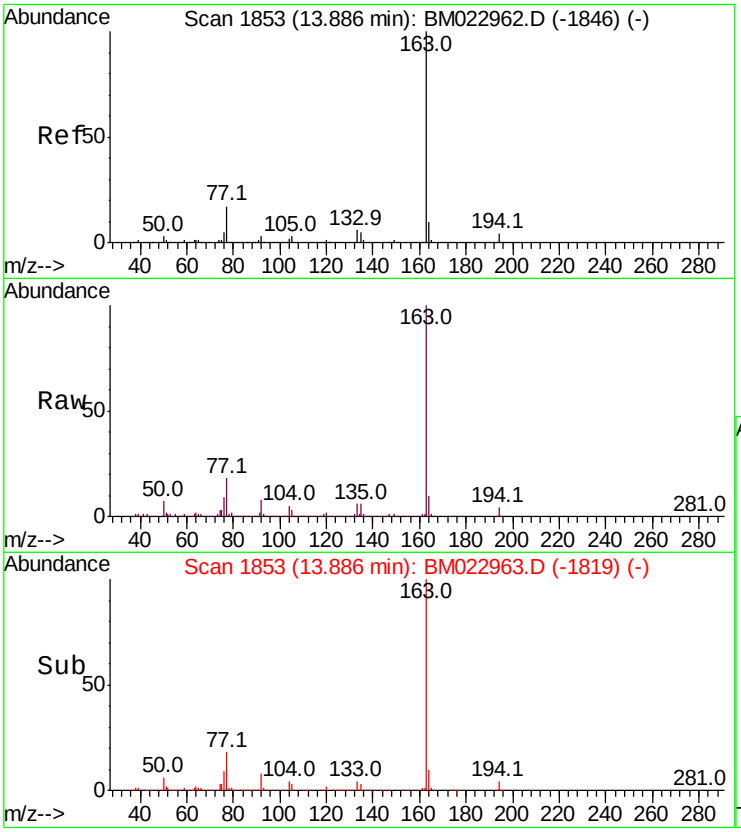


#34
2-Methylnaphthalene
Concen: 14.248 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:142 Resp: 421331

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.2	106.8

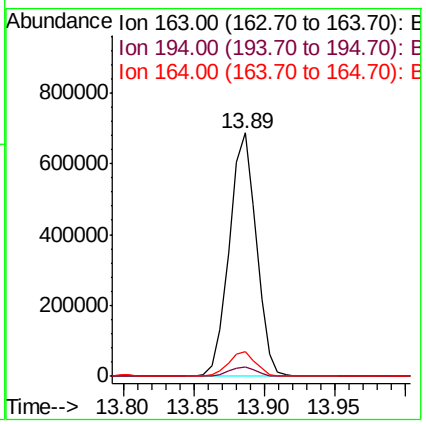




#45
Dimethylphthalate
Concen: 28.310 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:163 Resp: 910501

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.4	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
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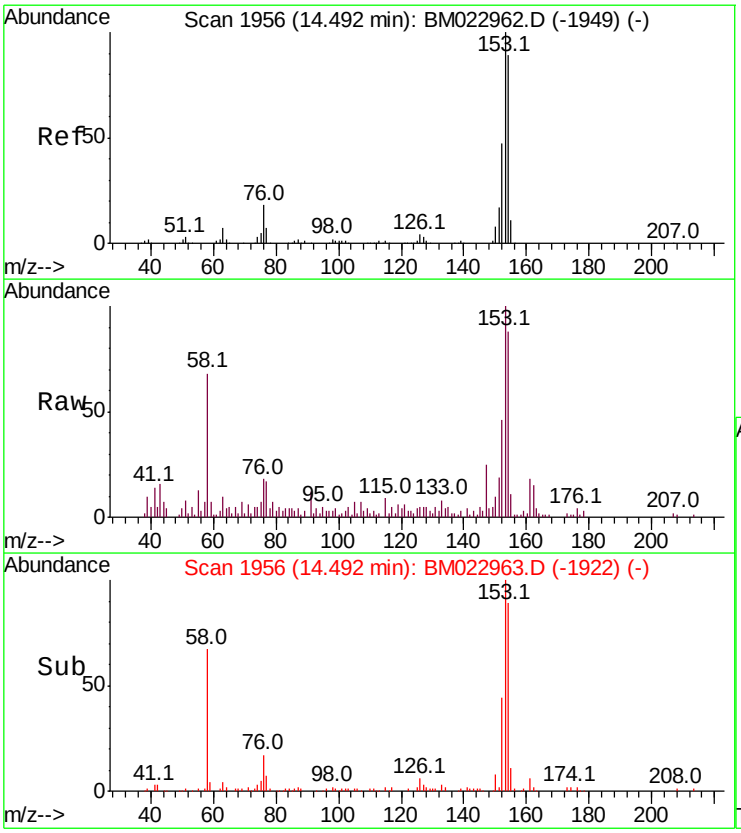
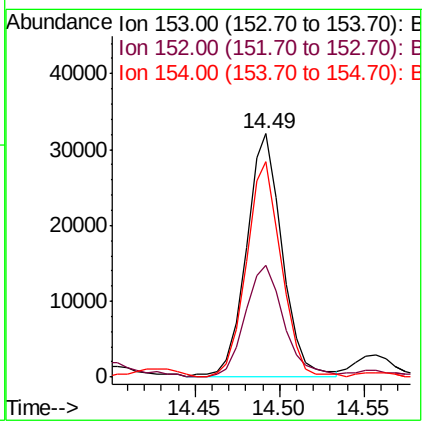
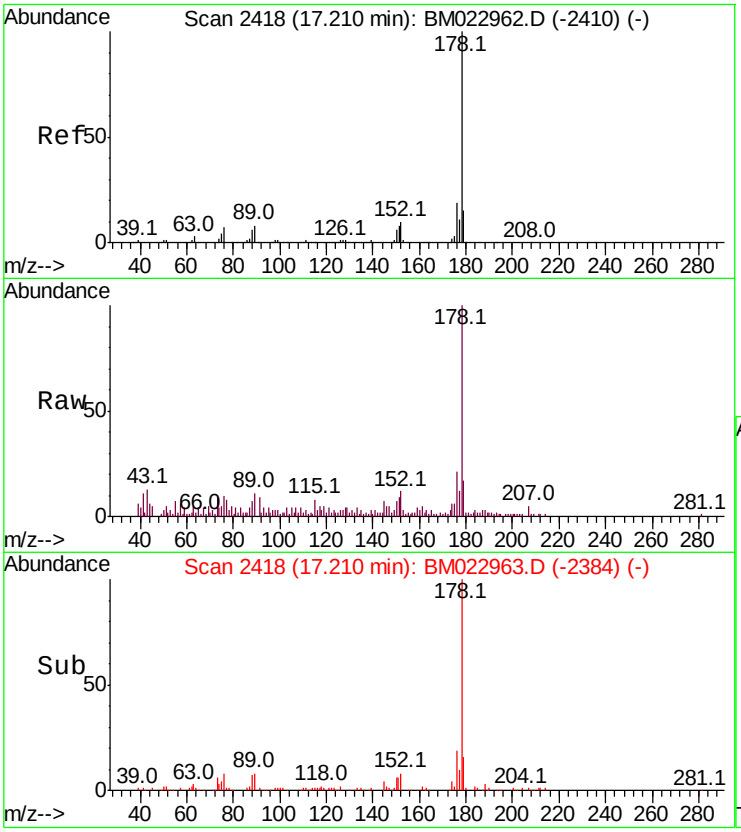


#50
Acenaphthene
Concen: 1.744 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:153 Resp: 47410

Ion	Ratio	Lower	Upper
153	100		
152	46.1	38.1	57.1
154	88.3	71.1	106.7

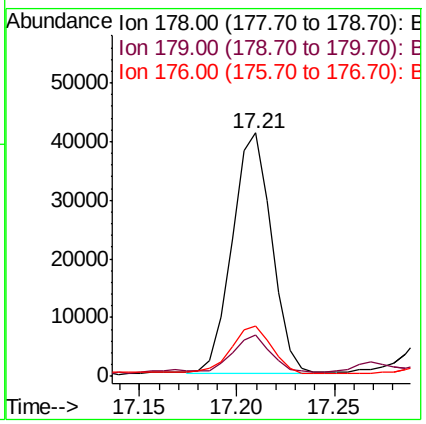




#70
Phenanthrene
Concen: 1.374 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM022963.D
Acq: 04 Oct 2019 18:29

Tgt Ion:178 Resp: 57331

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.4	18.6
176	20.6	15.3	22.9



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