

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022921.D
 Acq On : 03 Oct 2019 15:36
 Operator : JU
 Sample : K4932-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDG5

Manual Integrations
 APPROVED

mohammad
 10/4/2019 10:13:28 AM

Quant Time: Oct 04 02:48:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 02:36:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	230928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	967096	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	567376	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	975580	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	779663	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	887489	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	31641	5.93	ng/uL	0.00
5) Phenol-d5	6.97	99	149969	7.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	297484	26.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	384360	23.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	262103	15.69	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	229026	30.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	245534	30.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	434557	26.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	550889	27.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1344074	30.52	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1568034	30.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	56892	6.54	ng/ul	0.00
58) Fluorene-d10	15.42	176	1129407	30.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	179453	28.27	ng/ul	0.00
71) Anthracene-d10	17.27	188	1634207	34.30	ng/ul	0.00
79) Pyrene-d10	19.56	212	1558973	37.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1590176	34.64	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.00	94	2804518	131.114	ng/ul	100
10) 2-Chlorophenol	7.36	128	50765	2.880	ng/ul	98
11) 2-Methylphenol	8.24	108	745294	45.208	ng/ul	99
16) 4-Methylphenol	8.58	108	3299814	181.023	ng/ul	95
24) 2,4-Dimethylphenol	9.77	107	1922591m	105.933	ng/ul	
28) Naphthalene	10.64	128	2587942	49.550	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	991440	25.318	ng/ul	99
45) Dimethylphthalate	13.89	163	53025	1.172	ng/ul#	95

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

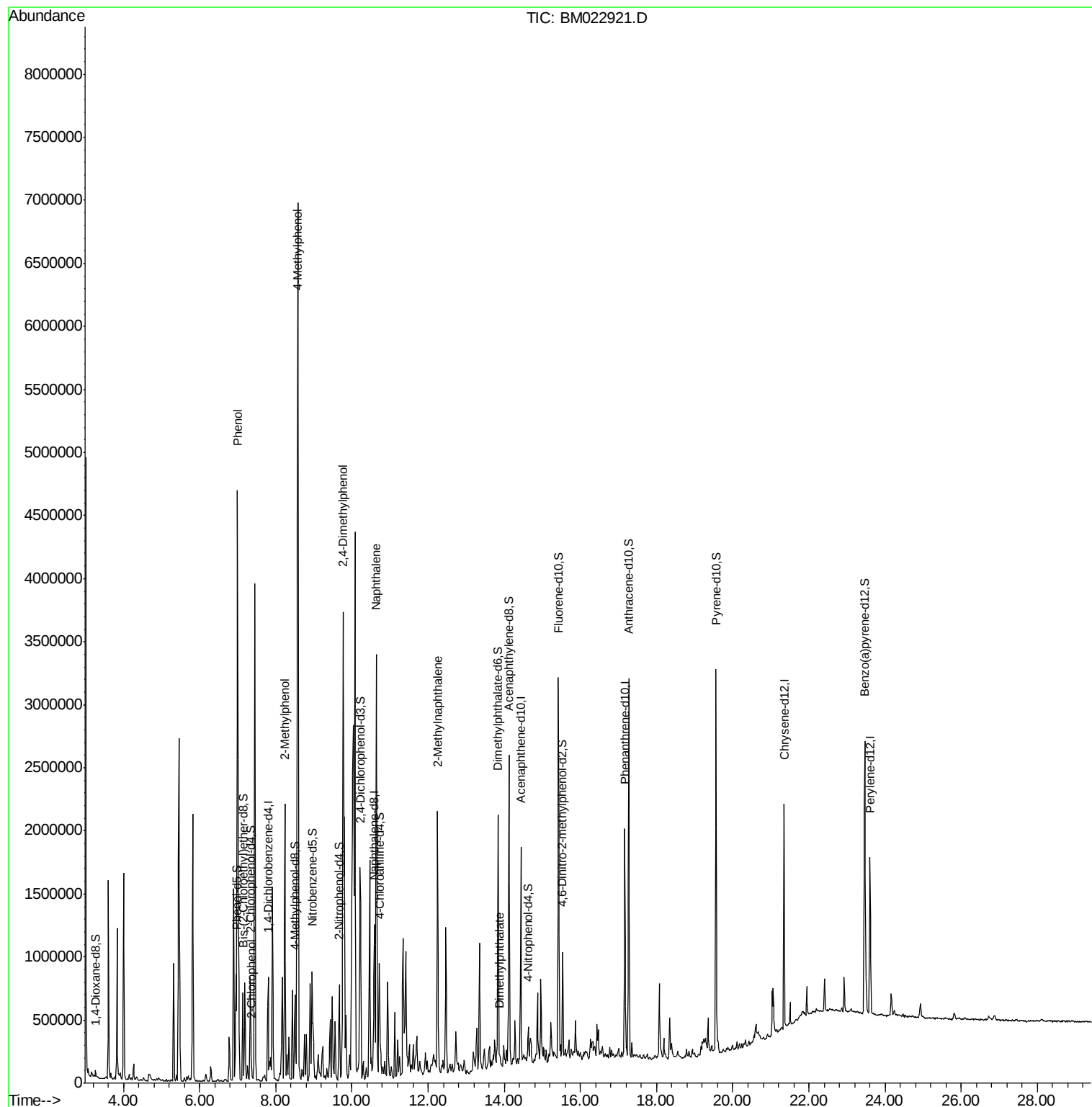
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022921.D
Acq On : 03 Oct 2019 15:36
Operator : JU
Sample : K4932-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

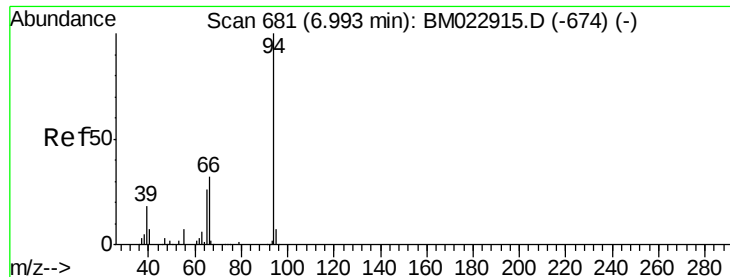
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Oct 04 02:48:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 02:36:53 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 131.114 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampleId :

BFDG5

Tot Ion: 94 Resp: 2804518

Ion Ratio Lower Upper

94 100

65 26.1 20.9 31.3

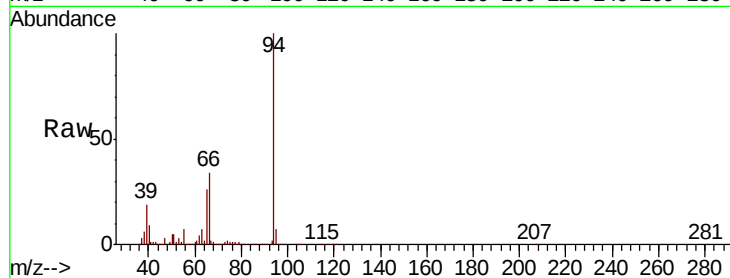
66 33.9 27.2 40.8

Manual Integrations

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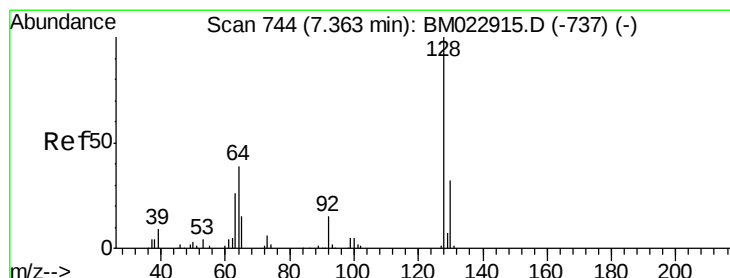
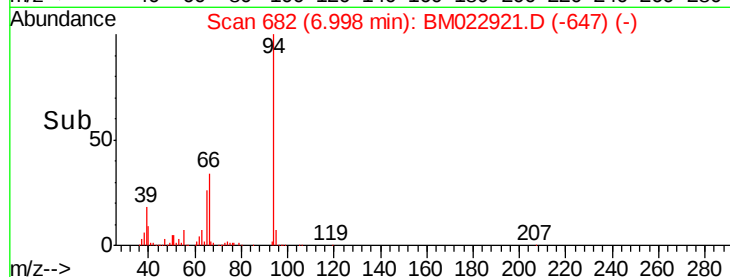
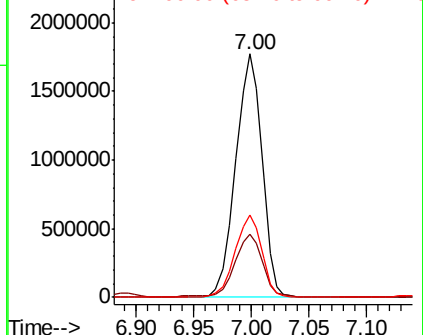
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Abundance Ion 94.00 (93.70 to 94.70): BM022921.D (-674) (-)

Ion 65.00 (64.70 to 65.70): BM022921.D (-674) (-)

Ion 66.00 (65.70 to 66.70): BM022921.D (-674) (-)



#10

2-Chlorophenol

Concen: 2.880 ng/ul

RT: 7.36 min Scan# 744

Delta R.T. -0.00 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

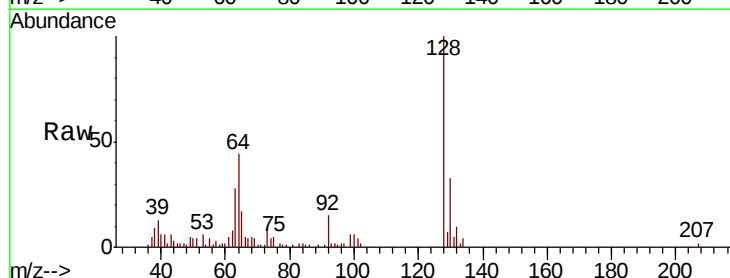
Tgt Ion:128 Resp: 50765

Ion Ratio Lower Upper

128 100

64 43.9 34.1 51.1

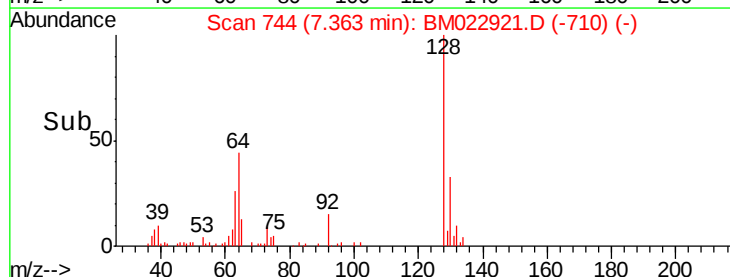
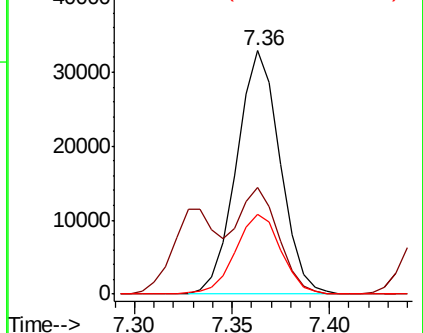
130 33.0 26.0 39.0

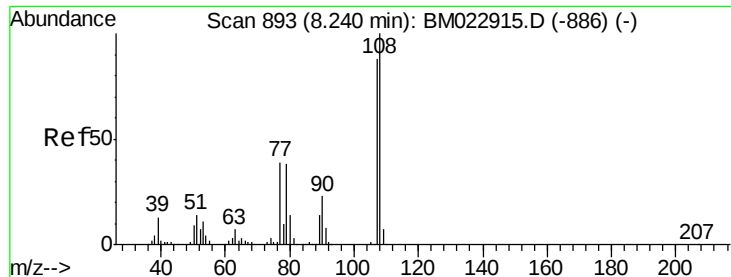


Abundance Ion 128.00 (127.70 to 128.70): BM022921.D (-737) (-)

Ion 64.00 (63.70 to 64.70): BM022921.D (-737) (-)

Ion 130.00 (129.70 to 130.70): BM022921.D (-737) (-)





#11

2-Methylphenol

Concen: 45.208 ng/ul

RT: 8.24 min Scan# 893

Delta R.T. -0.00 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampled :

BFDG5

Tot Ion:108 Resp: 745294

Ion Ratio Lower Upper

108 100

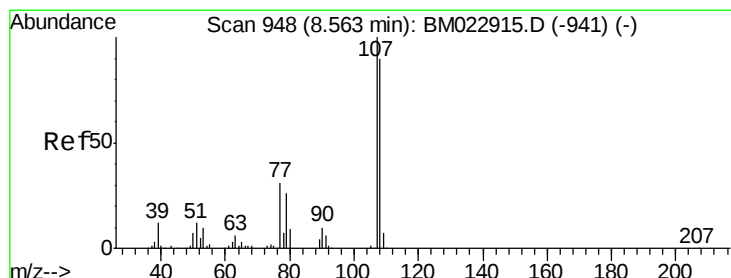
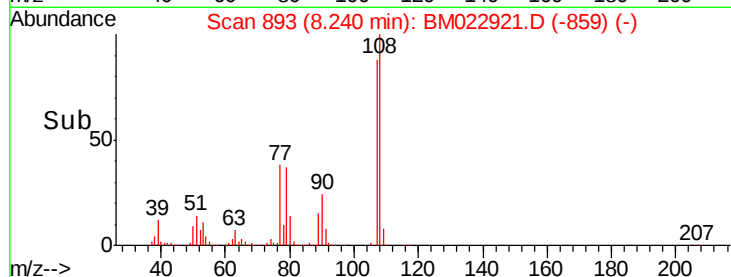
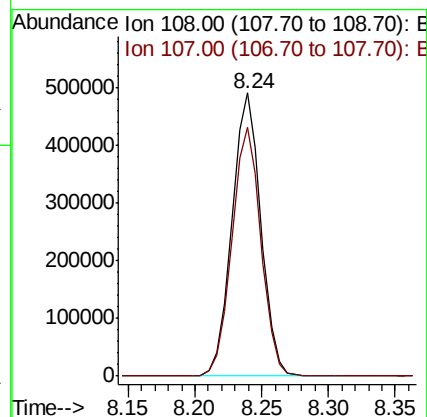
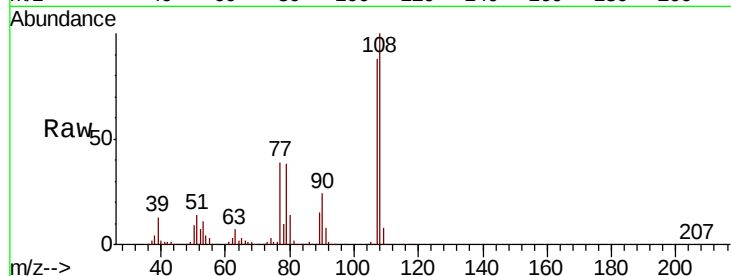
107 88.0 71.0 106.4

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#16

4-Methylphenol

Concen: 181.023 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. 0.02 min

Lab File: BM022921.D

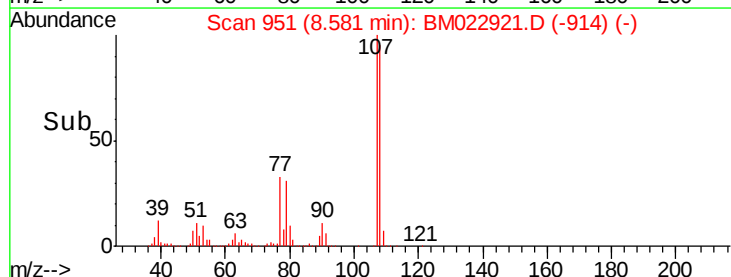
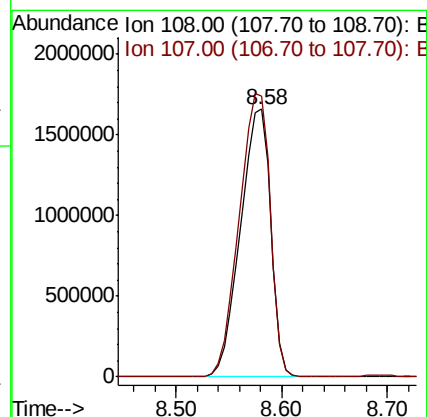
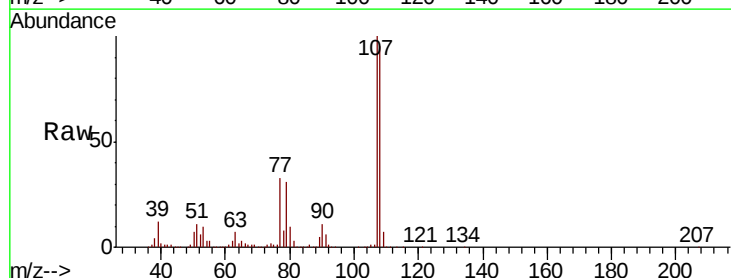
Acq: 03 Oct 2019 15:36

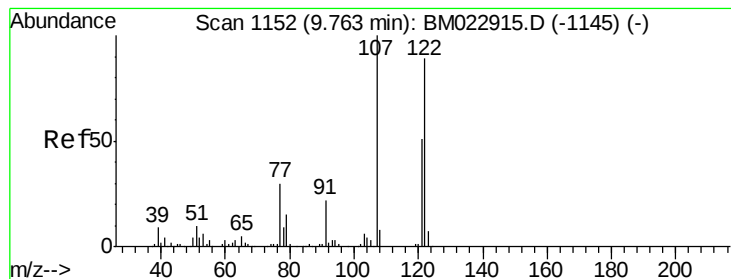
Tgt Ion:108 Resp: 3299814

Ion Ratio Lower Upper

108 100

107 105.1 87.9 131.9





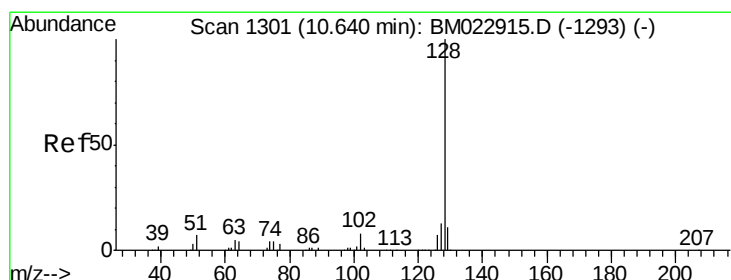
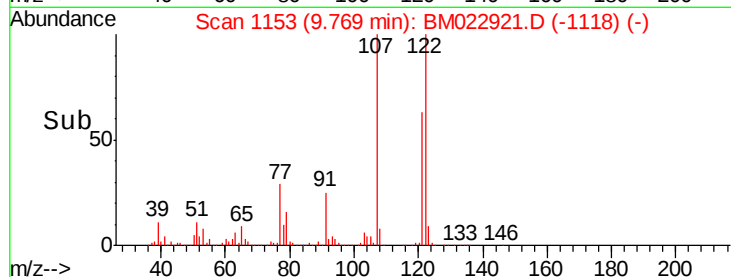
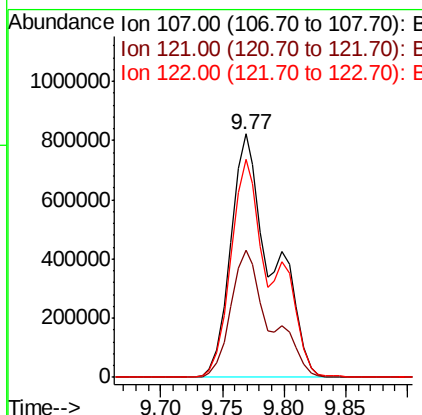
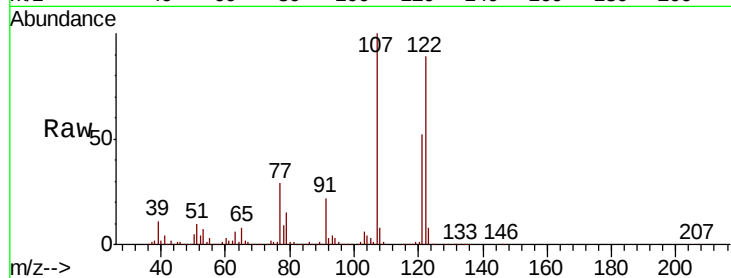
#24
2,4-Dimethylphenol
Concen: 105.933 ng/ul m
RT: 9.77 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BM022921.D
Acq: 03 Oct 2019 15:36

Instrument :
BNA_M
ClientSampled :
BFDG5

Tot Ion	Ratio	Lower	Upper
107	100		
121	52.3	43.0	64.4
122	89.4	71.4	107.0

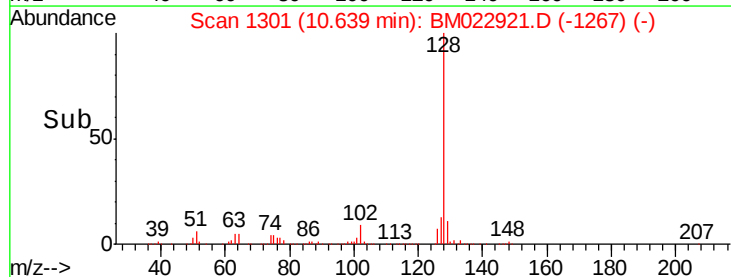
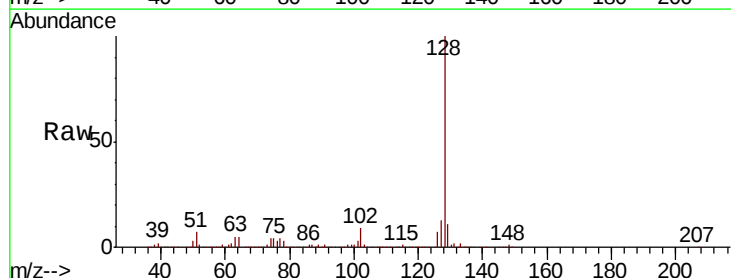
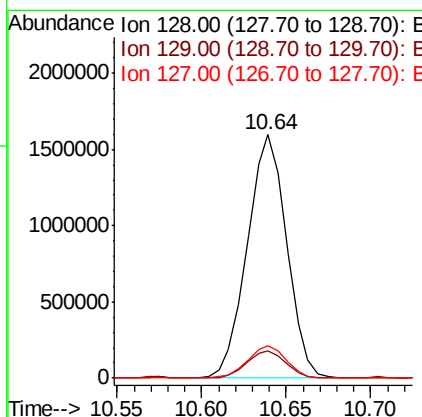
Manual Integrations
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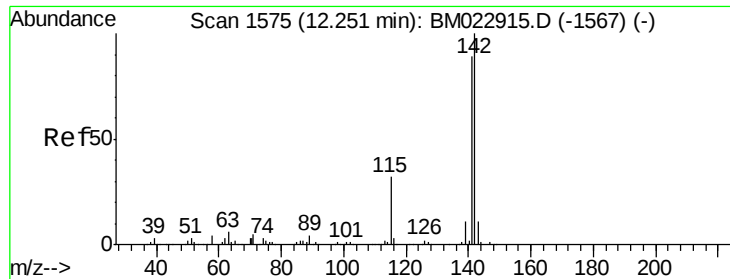
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#28
Naphthalene
Concen: 49.550 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM022921.D
Acq: 03 Oct 2019 15:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.1	10.2	15.4





#34

2-Methylnaphthalene

Concen: 25.318 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

Instrument :

BNA_M

ClientSampleId :

BFDG5

Tot Ion:142 Resp: 991440

Ion Ratio Lower Upper

142 100

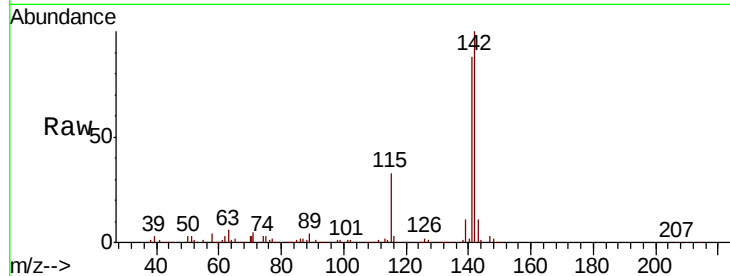
141 88.3 71.2 106.8

Manual Integrations

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

600000

400000

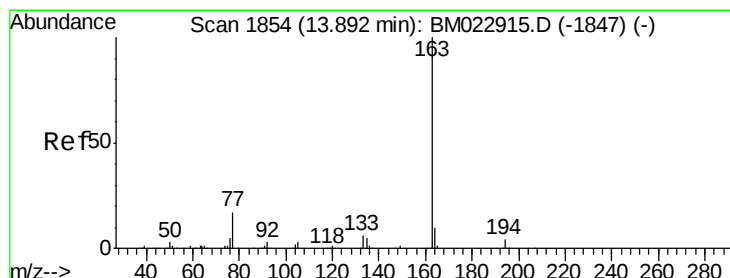
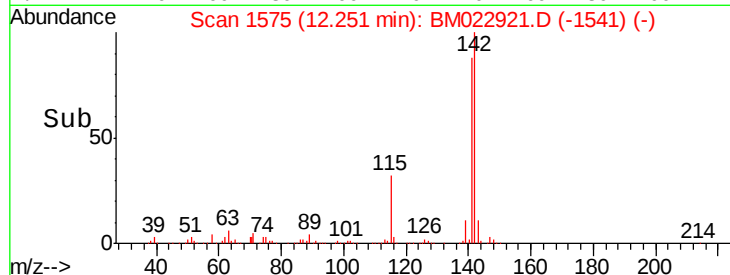
200000

0

12.25

12.30

Time-->



#45

Dimethylphthalate

Concen: 1.172 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM022921.D

Acq: 03 Oct 2019 15:36

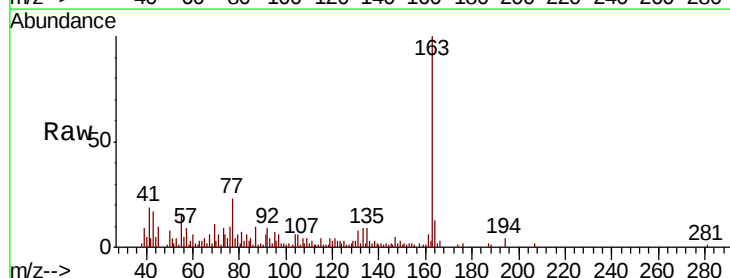
Tgt Ion:163 Resp: 53025

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 12.6 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

50000

40000

30000

20000

10000

0

13.89

13.90

Time-->

