

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022894.D
 Acq On : 02 Oct 2019 15:54
 Operator : JU
 Sample : K4983-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 00:58:53 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	237133	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1017684	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	564026	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	919610	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	704453	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	835827	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	30290	5.52	ng/uL	0.00
5) Phenol-d5	6.97	99	267439	12.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	555356	48.43	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	691419	40.98	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	491815	28.67	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	404771	51.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	456839	53.27	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	859369	50.33	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	991907	47.81	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	2556064	58.39	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	2974858	58.86	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	100872	11.66	ng/ul	0.00
58) Fluorene-d10	15.43	176	2089304	56.00	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	329616	55.08	ng/ul	-0.01
71) Anthracene-d10	17.27	188	2839045	63.22	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2649358	69.88	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	2819884	65.22	ng/ul	-0.02

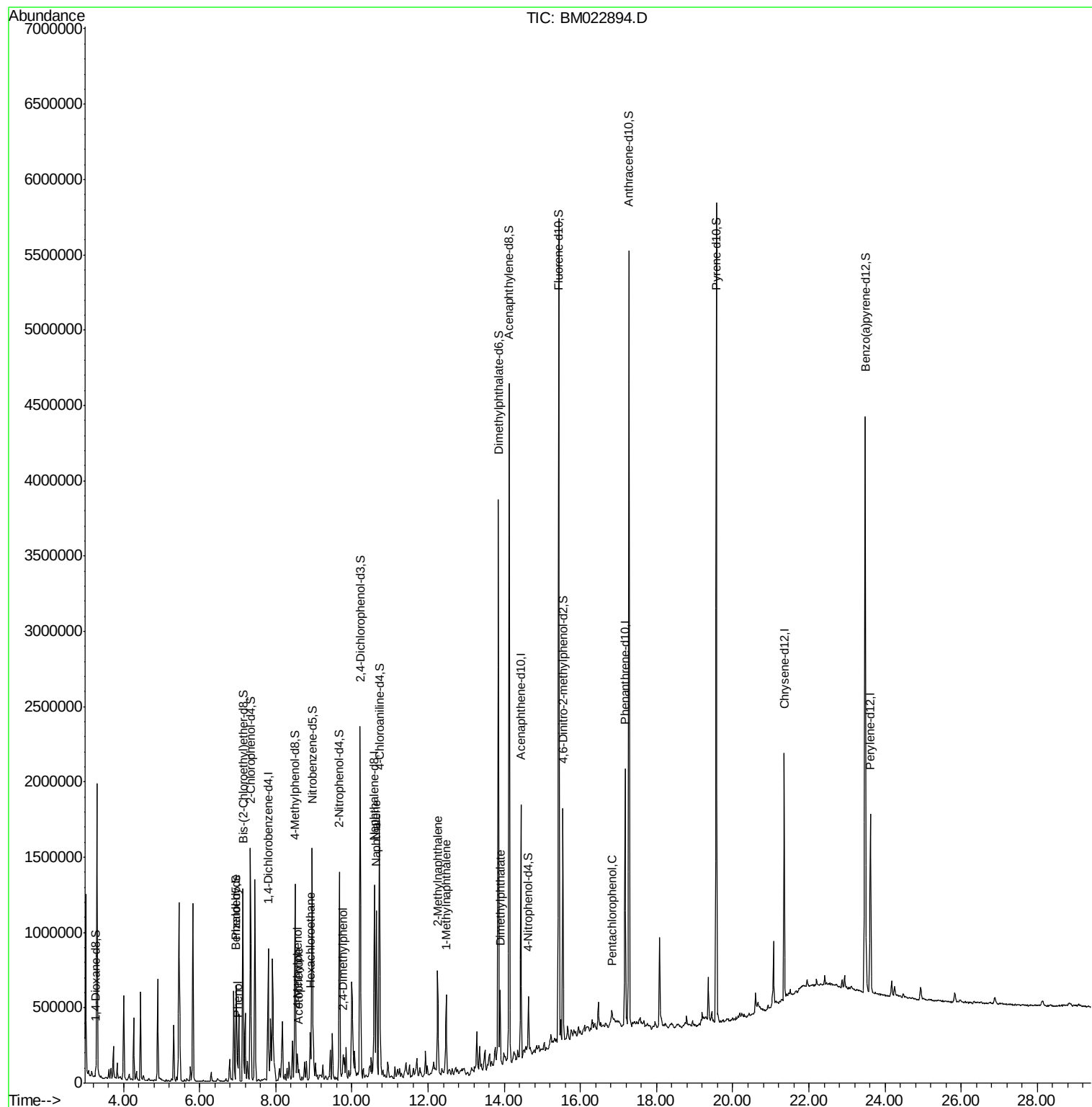
Target Compounds				Ovalue		
4) Benzaldehyde	6.95	77	25341	2.669	ng/ul#	1
6) Phenol	7.00	94	51057	2.325	ng/ul	96
14) Acetophenone	8.61	105	58211	2.220	ng/ul#	43
16) 4-Methylphenol	8.56	108	75834	4.051	ng/ul	97
17) Hexachloroethane	8.91	117	43782	6.366	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	57974	3.036	ng/ul	96
28) Naphthalene	10.64	128	835620	15.204	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	327549	7.949	ng/ul	100
35) 1-Methylnaphthalene	12.47	142	232380	5.904	ng/ul	99
45) Dimethylphthalate	13.89	163	301957	6.715	ng/ul	99
69) Pentachlorophenol	16.83	266	10603	1.321	ng/ul	97

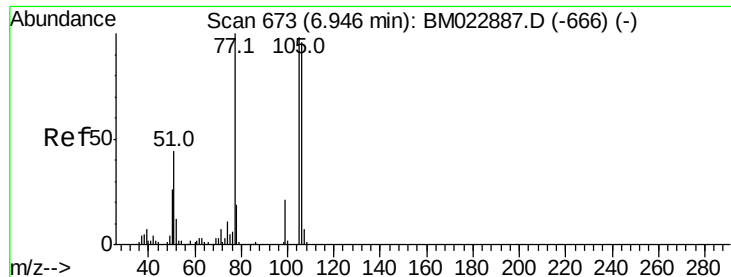
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.669 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM022894.D

Acq: 02 Oct 2019 15:54

Instrument :

BNA_M

ClientSampleId :

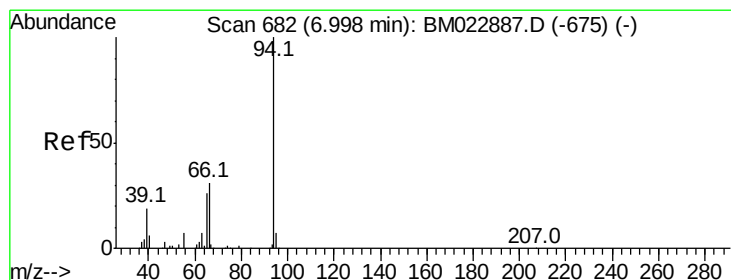
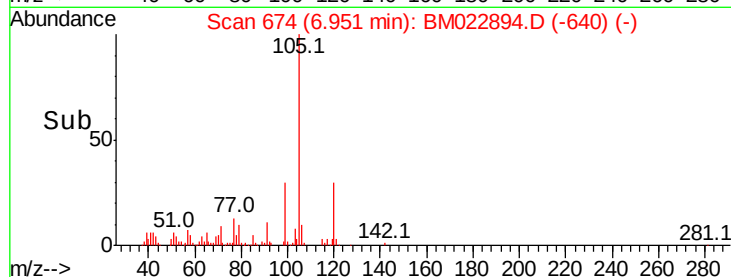
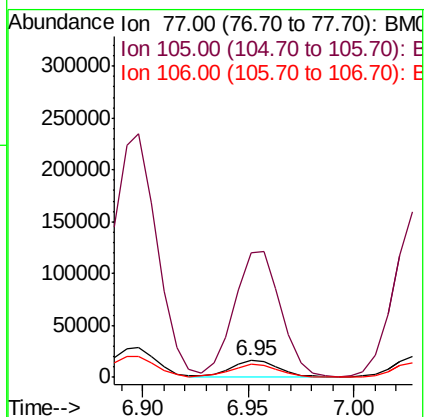
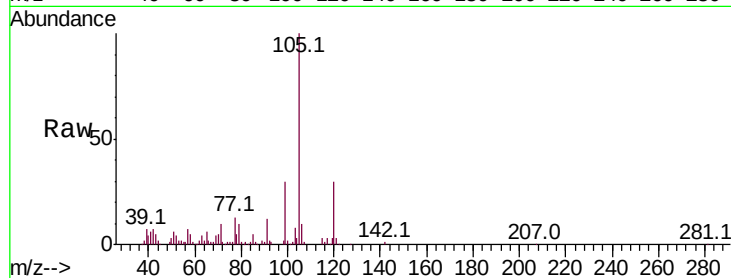
Tot Ion: 77 Resp: 25341

Ion Ratio Lower Upper

77 100

105 754.7 80.6 120.8#

106 77.4 77.0 115.6



#6

Phenol

Concen: 2.325 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022894.D

Acq: 02 Oct 2019 15:54

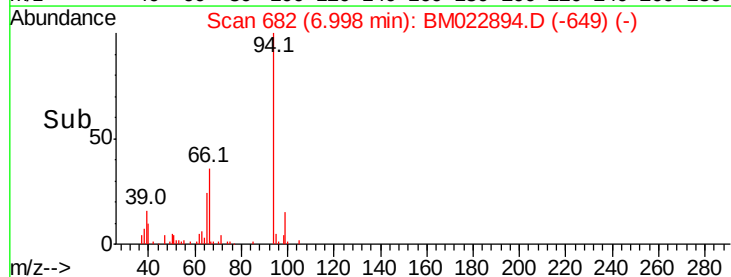
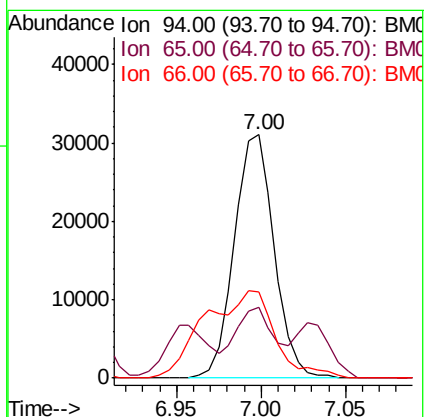
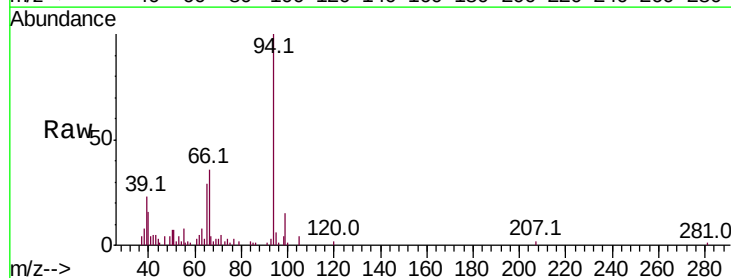
Tgt Ion: 94 Resp: 51057

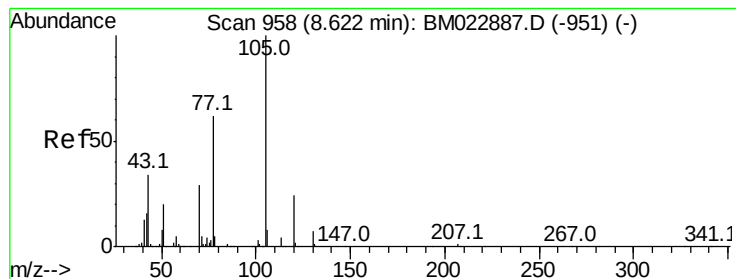
Ion Ratio Lower Upper

94 100

65 29.0 20.9 31.3

66 35.6 27.2 40.8





#14

Acetophenone

Concen: 2.220 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022894.D

Acq: 02 Oct 2019 15:54

Instrument :

BNA_M

ClientSampleId :

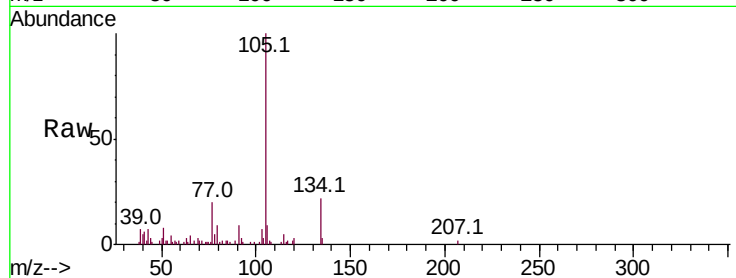
Tot Ion:105 Resp: 58211

Ion Ratio Lower Upper

105 100

77 19.7 59.4 89.0#

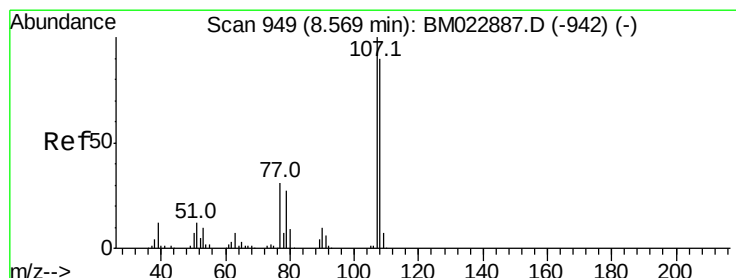
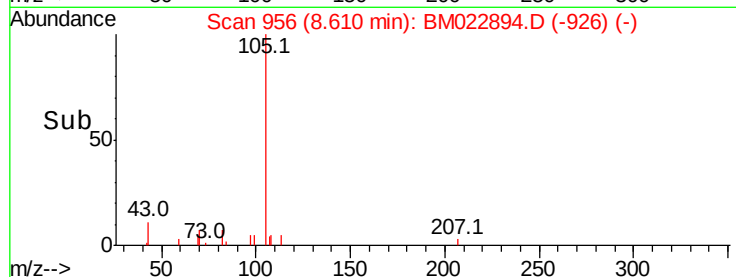
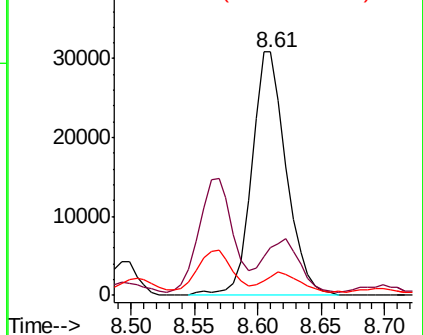
51 7.7 19.4 29.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#16

4-Methylphenol

Concen: 4.051 ng/ul

RT: 8.56 min Scan# 948

Delta R.T. -0.02 min

Lab File: BM022894.D

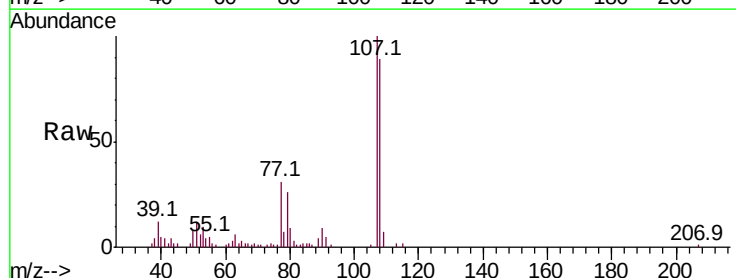
Acq: 02 Oct 2019 15:54

Tgt Ion:108 Resp: 75834

Ion Ratio Lower Upper

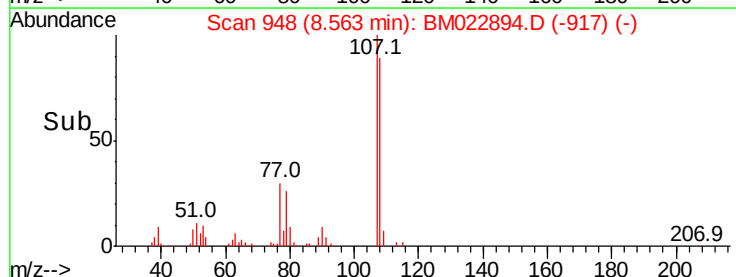
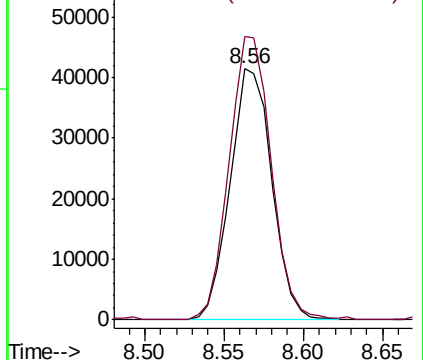
108 100

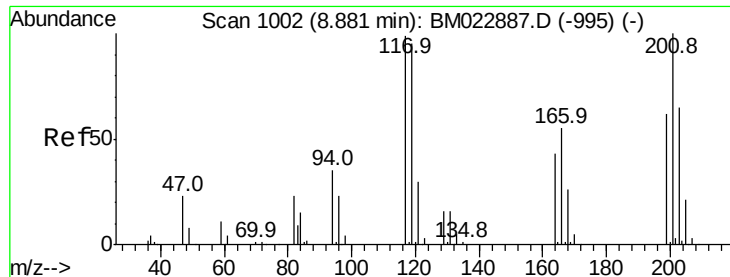
107 112.7 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

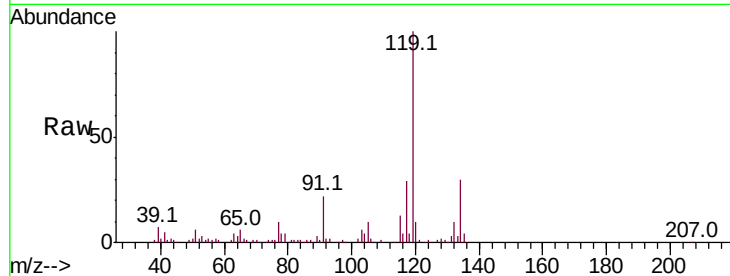




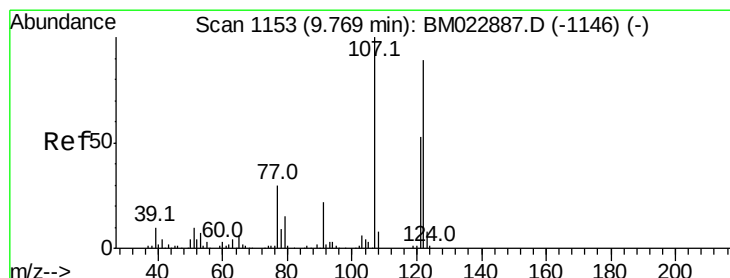
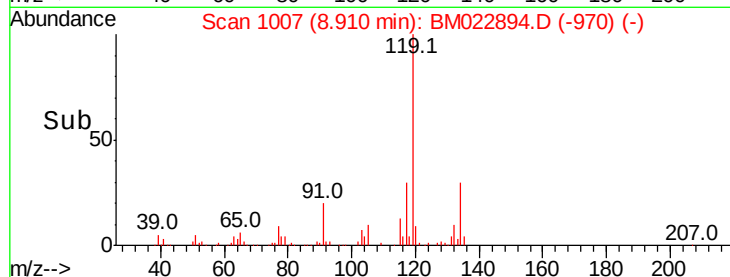
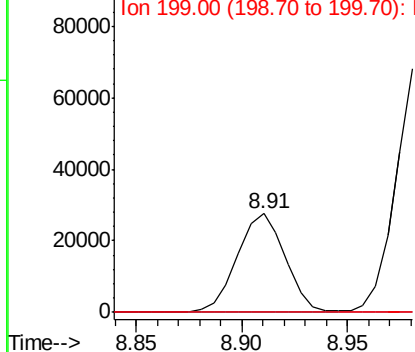
#17
Hexachloroethane
Concen: 6.366 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM022894.D
Acq: 02 Oct 2019 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 43782
Ion Ratio Lower Upper
117 100
201 0.0 82.5 123.7#
199 0.0 51.6 77.4#

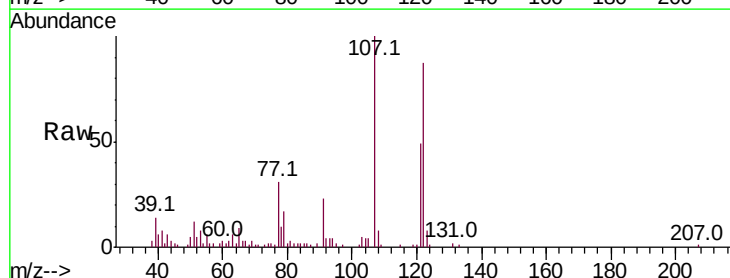


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

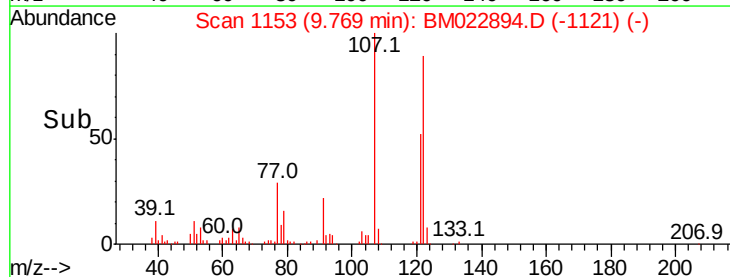
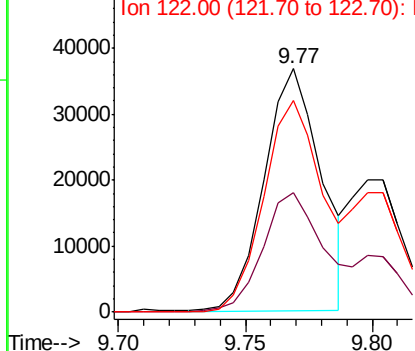


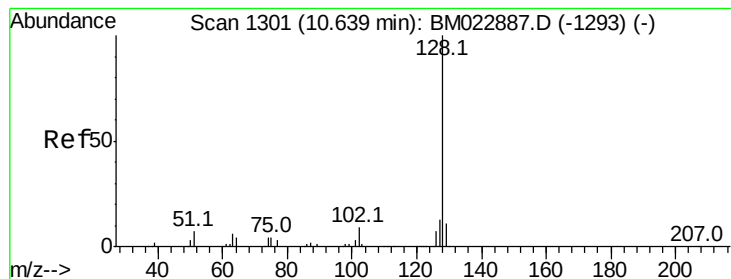
#24
2,4-Dimethylphenol
Concen: 3.036 ng/ul
RT: 9.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM022894.D
Acq: 02 Oct 2019 15:54

Tgt Ion:107 Resp: 57974
Ion Ratio Lower Upper
107 100
121 48.9 43.0 64.4
122 86.8 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 15.204 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022894.D

Acq: 02 Oct 2019 15:54

Instrument :

BNA_M

ClientSampleId :

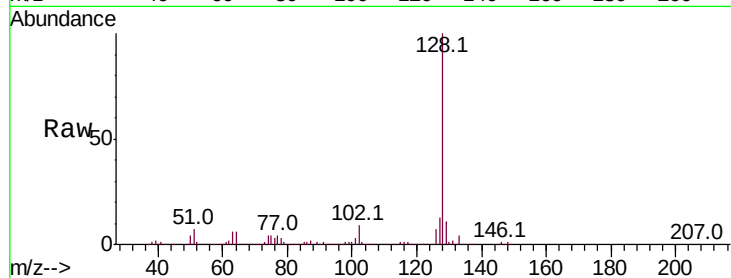
Tot Ion:128 Resp: 835620

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

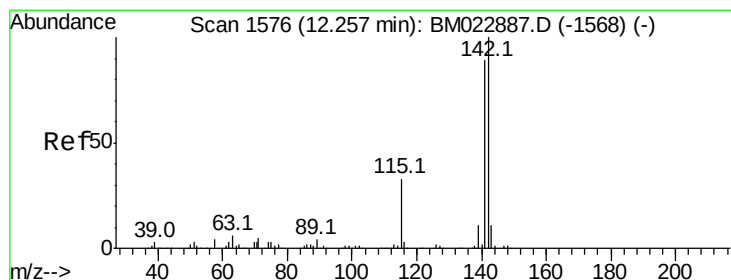
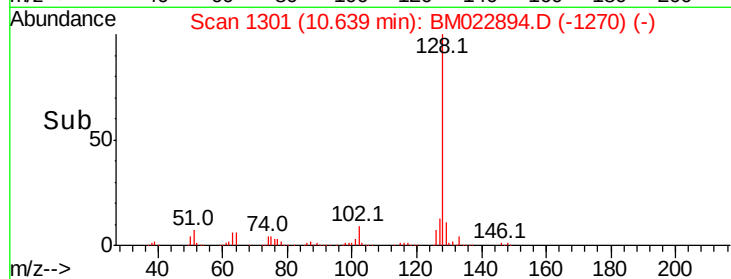
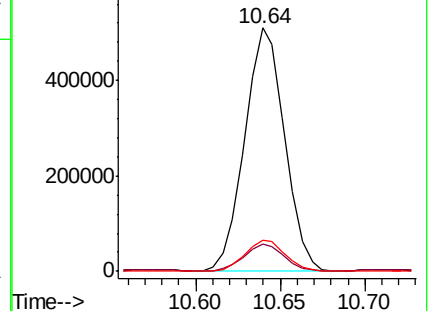
127 13.0 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 7.949 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BM022894.D

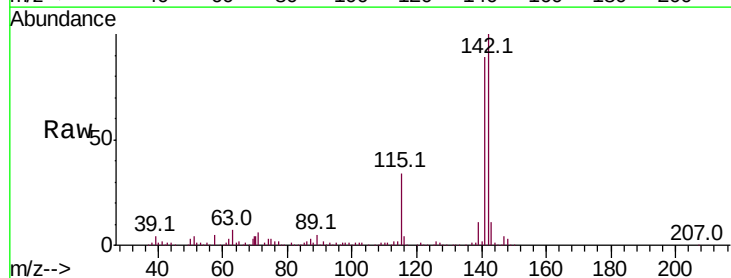
Acq: 02 Oct 2019 15:54

Tgt Ion:142 Resp: 327549

Ion Ratio Lower Upper

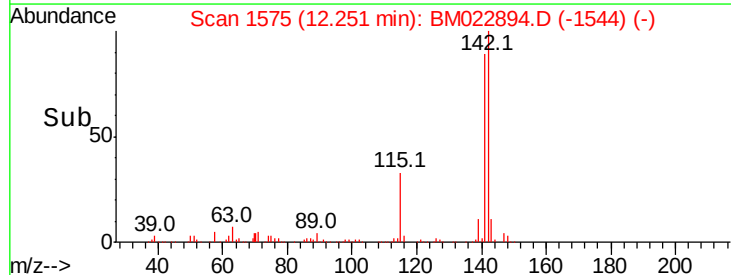
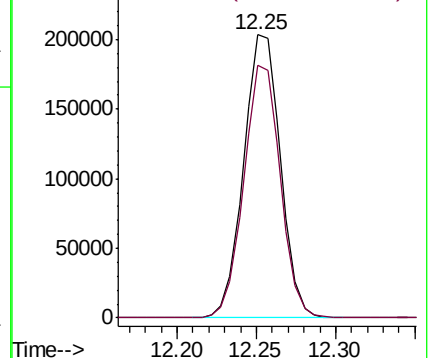
142 100

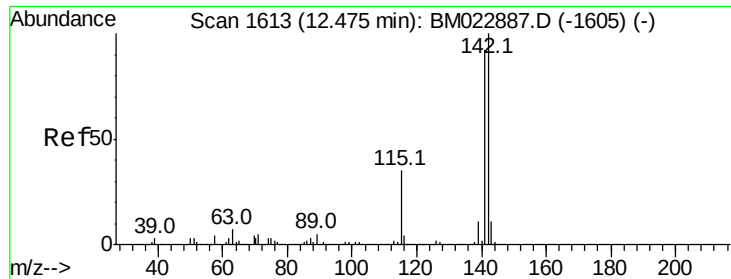
141 89.2 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

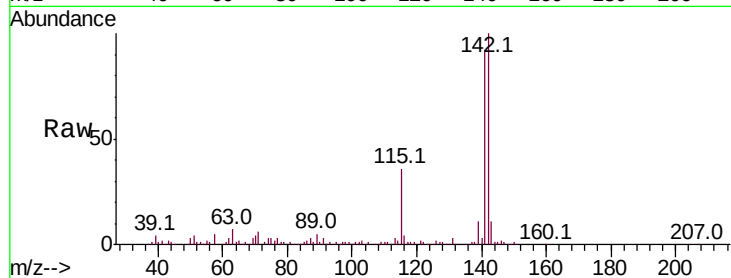




#35
 1-Methylnaphthalene
 Concen: 5.904 ng/ul
 RT: 12.47 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM022894.D
 Acq: 02 Oct 2019 15:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.6
116	4.3	2.9	4.3

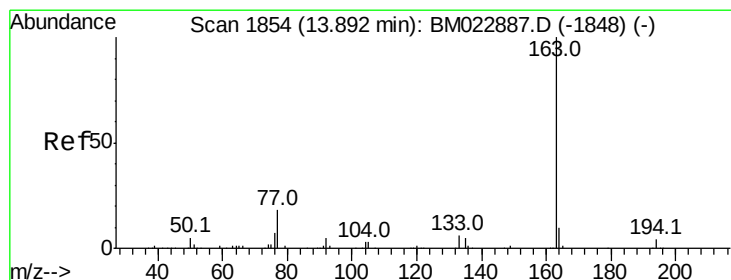
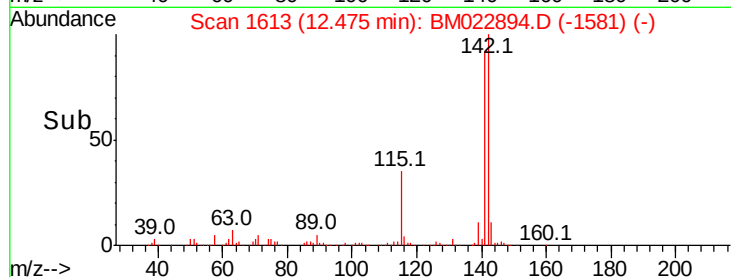
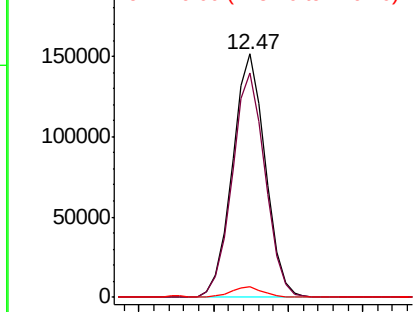


Abundance

Ion 142.00 (141.70 to 142.70): E

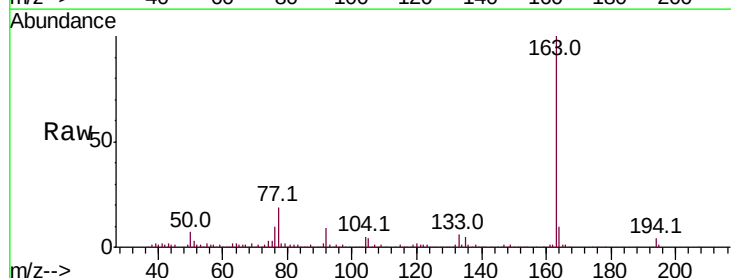
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#45
 Dimethylphthalate
 Concen: 6.715 ng/ul
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM022894.D
 Acq: 02 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.4	8.1	12.1

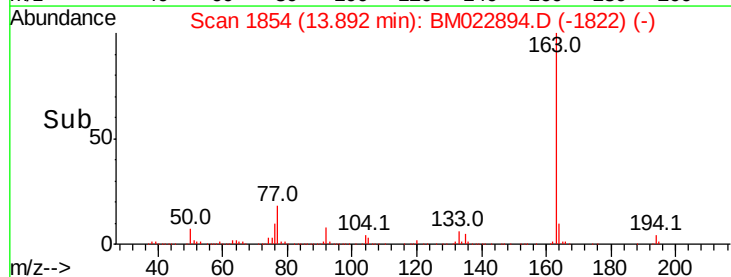
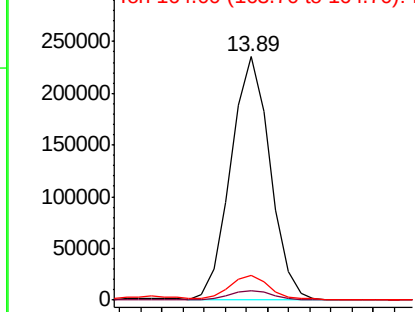


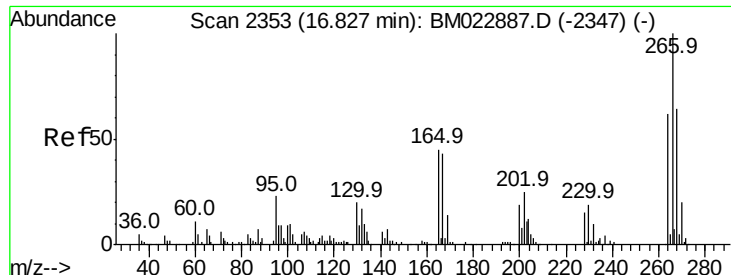
Abundance

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





#69

Pentachlorophenol

Concen: 1.321 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.01 min

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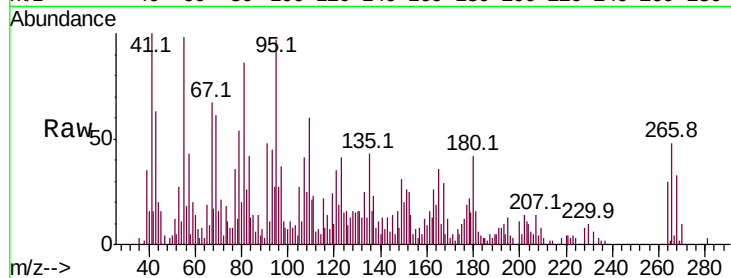
Tot Ion:266 Resp: 10603

Ion Ratio Lower Upper

266 100

264 61.8 50.8 76.2

268 68.0 51.4 77.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

