

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022326.D
 Acq On : 26 Aug 2019 12:15
 Operator : HP/JU
 Sample : K4369-05RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 10:59:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 10:56:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	64255	20.00	ng/ul	0.05
18) Naphthalene-d8	10.34	136	141613	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.20	164	92564	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	216882	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	203771	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	193781	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2831	1.97	ng/uL	0.00
5) Phenol-d5	6.76	99	17380	3.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	50540	15.67	ng/ul	0.01
9) 2-Chlorophenol-d4	7.09	132	58765	13.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	38229	7.95	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	39267	37.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	47327	38.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	80157	32.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	5000	1.64	ng/ul	0.01
43) Dimethylphthalate-d6	13.63	166	292767	35.91	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	319322	36.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	7670	6.35	ng/ul	0.05
57) Fluorene-d10	15.21	176	248586	36.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	47130	28.16	ng/ul	0.00
70) Anthracene-d10	17.07	188	427902	37.26	ng/ul	0.00
78) Pyrene-d10	19.37	212	529124	49.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	406302	38.17	ng/ul	0.00

Target Compounds

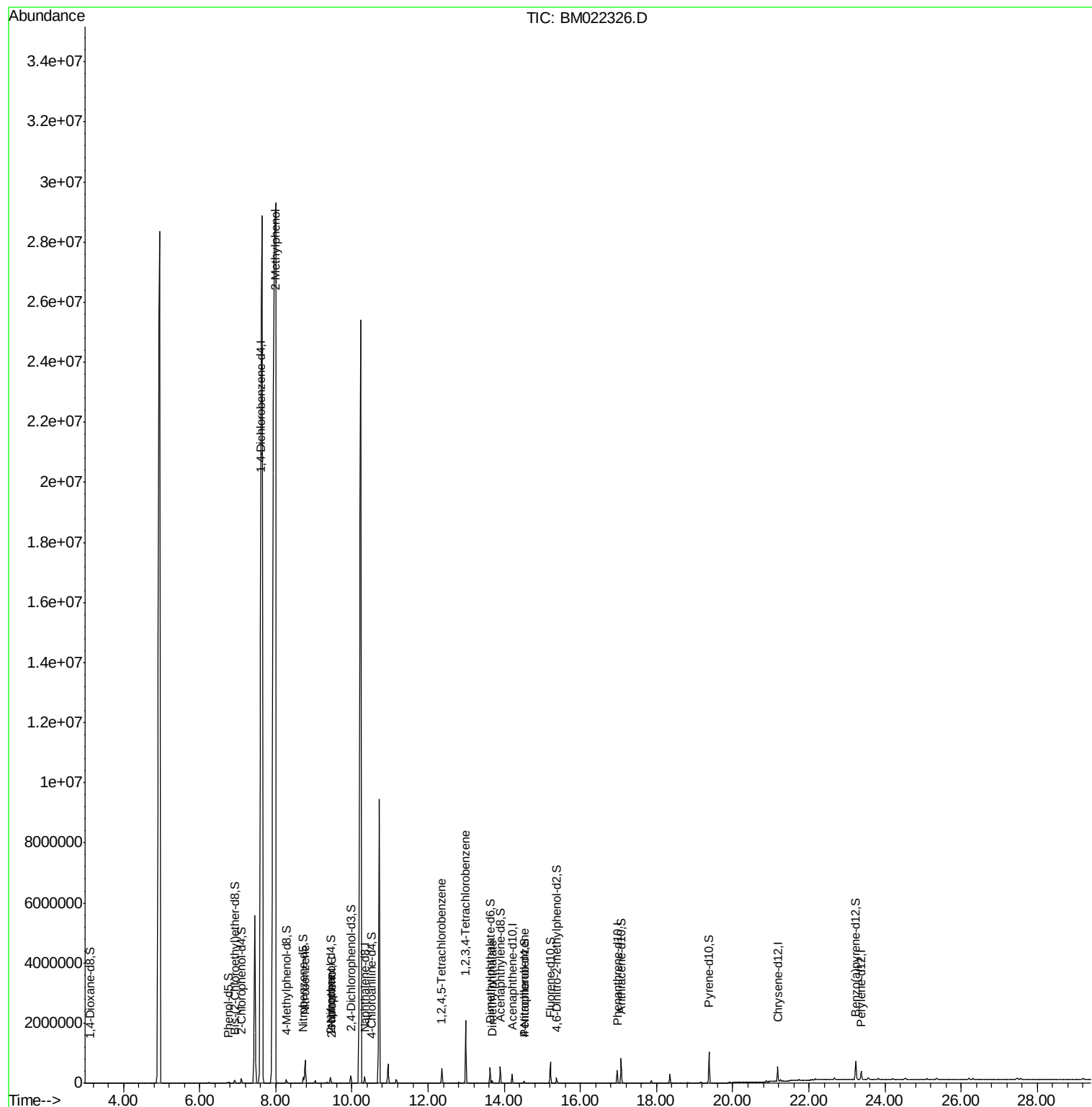
					Ovalue	
11) 2-Methylphenol	7.99	108	285877	61.134	ng/ul	93
20) Nitrobenzene	8.77	77	379721	122.119	ng/ul	98
21) Isophorone	9.43	82	6618	1.168	ng/ul#	66
23) 2-Nitrophenol	9.47	139	1853	1.373	ng/ul#	74
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	142744	37.288	ng/ul	98
44) Dimethylphthalate	13.68	163	47115	5.680	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	587343	152.252	ng/uL	98
73) Pentachlorobenzene	14.52	250	13108	3.132	ng/uL	91

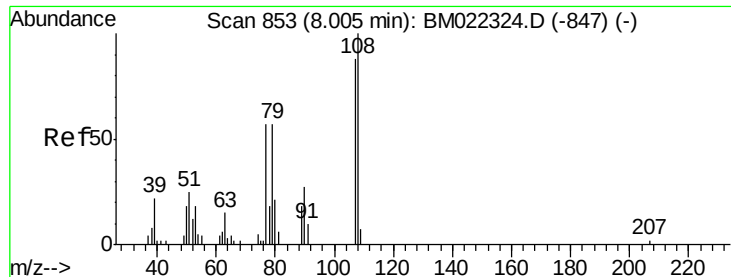
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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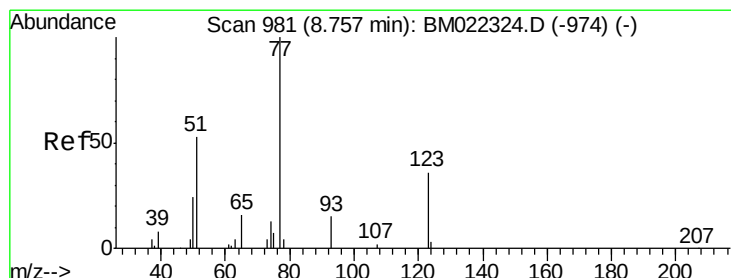
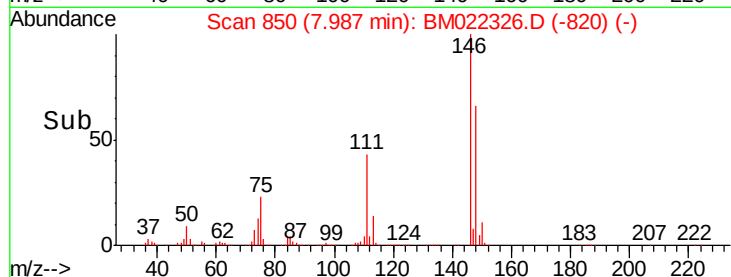
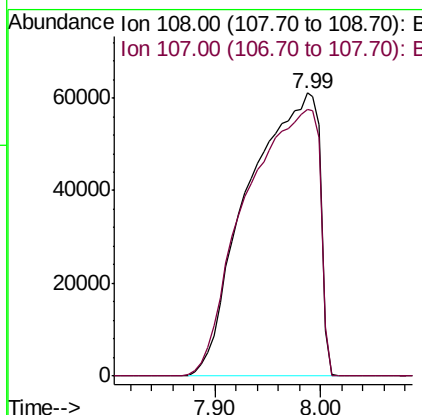
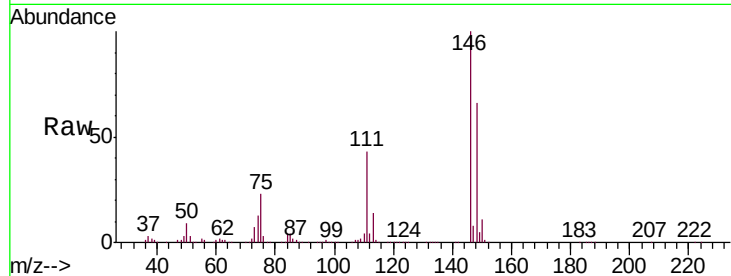




#11
2-Methylphenol
Concen: 61.134 ng/ul
RT: 7.99 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM022326.D
Acq: 26 Aug 2019 12:15

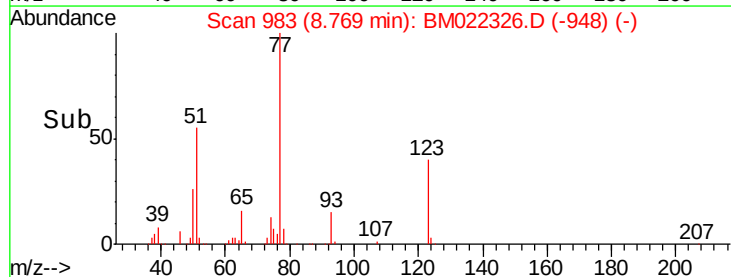
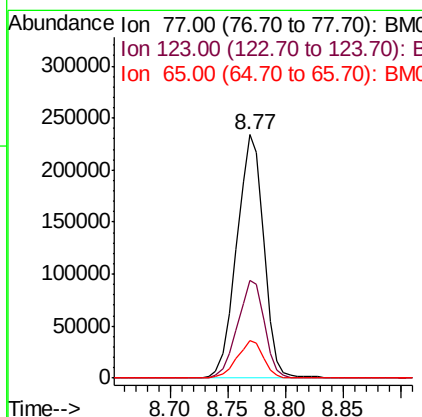
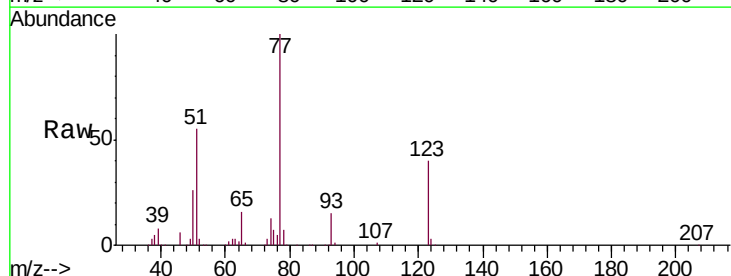
Instrument :
BNA_M
ClientSampleId :

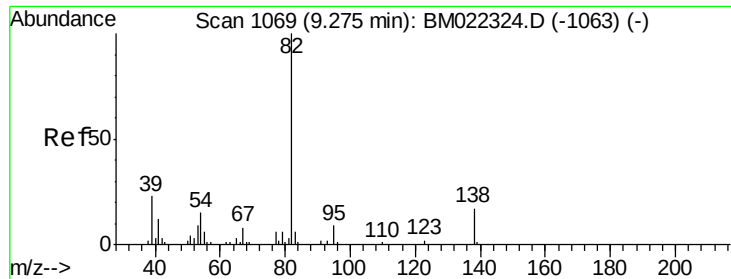
Tot Ion:108 Resp: 285877
Ion Ratio Lower Upper
108 100
107 94.2 70.1 105.1



#20
Nitrobenzene
Concen: 122.119 ng/ul
RT: 8.77 min Scan# 983
Delta R.T. 0.01 min
Lab File: BM022326.D
Acq: 26 Aug 2019 12:15

Tgt Ion: 77 Resp: 379721
Ion Ratio Lower Upper
77 100
123 39.9 31.0 46.4
65 15.6 12.2 18.2





#21

Isophorone

Concen: 1.168 ng/ul

RT: 9.43 min Scan# 1096

Delta R.T. 0.15 min

Lab File: BM022326.D

Acq: 26 Aug 2019 12:15

Instrument :

BNA_M

ClientSampled :

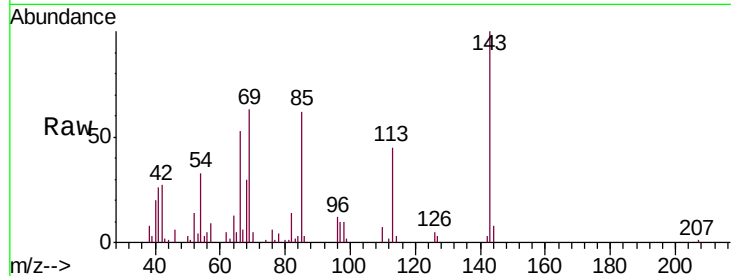
Tot Ion: 82 Resp: 6618

Ion Ratio Lower Upper

82 100

95 0.0 7.2 10.8#

138 0.0 13.8 20.6#

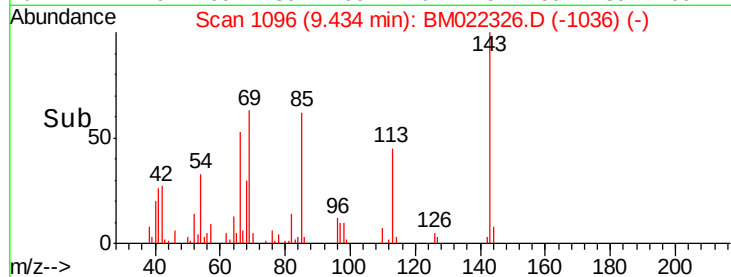


Abundance Ion 82.00 (81.70 to 82.70): BM022326.D (-1063) (-)

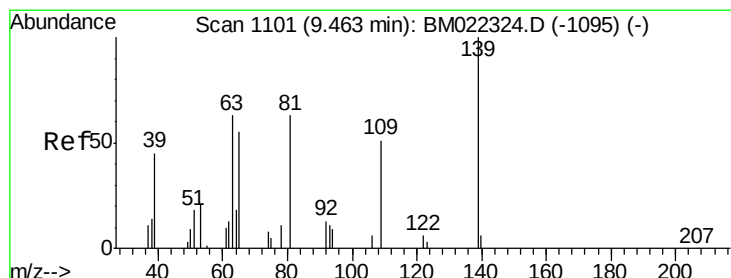
Ion 95.00 (94.70 to 95.70): BM022326.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BM022326.D (-1063) (-)

Time-->



Time-->



#23

2-Nitrophenol

Concen: 1.373 ng/ul

RT: 9.47 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BM022326.D

Acq: 26 Aug 2019 12:15

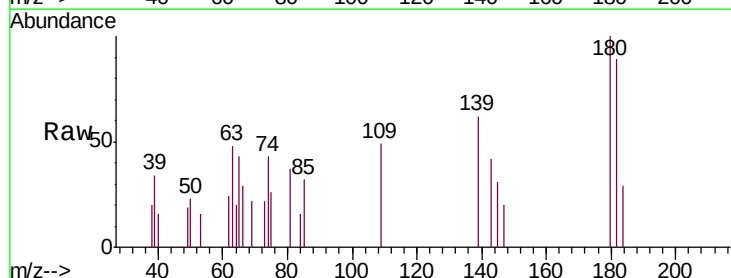
Tgt Ion: 139 Resp: 1853

Ion Ratio Lower Upper

139 100

65 70.1 48.9 73.3

109 79.1 39.7 59.5#

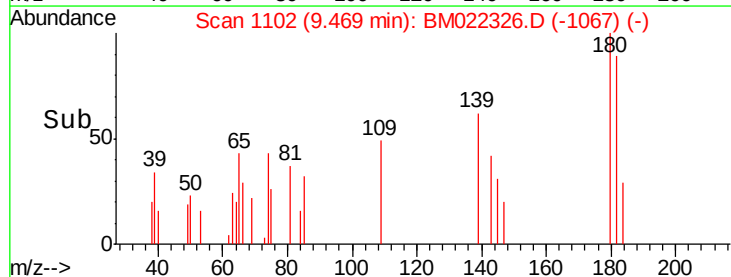


Abundance Ion 139.00 (138.70 to 139.70): BM022326.D (-1067) (-)

Ion 65.00 (64.70 to 65.70): BM022326.D (-1067) (-)

Ion 109.00 (108.70 to 109.70): BM022326.D (-1067) (-)

Time-->



Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

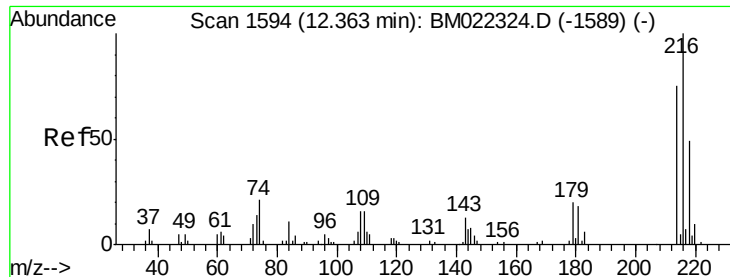
Time-->

Time-->

Time-->

Time-->

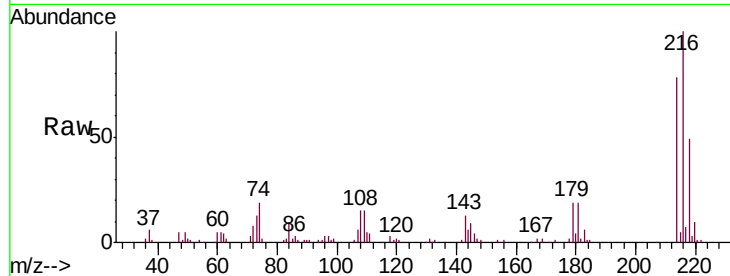
Time-->



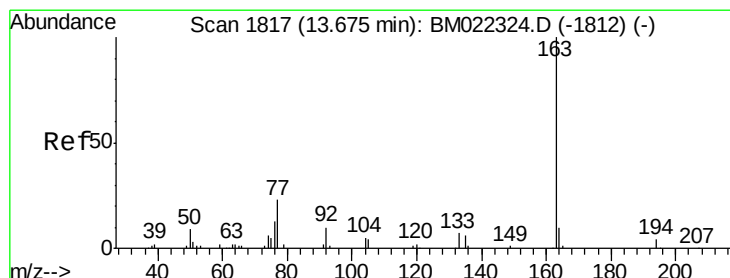
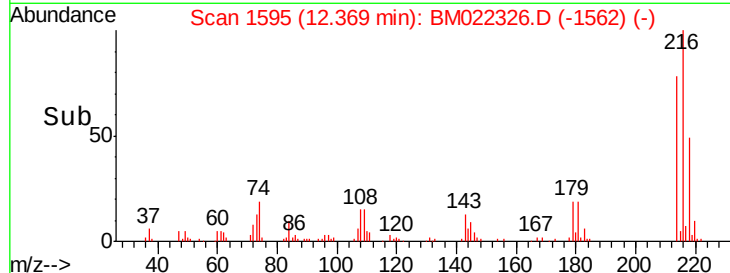
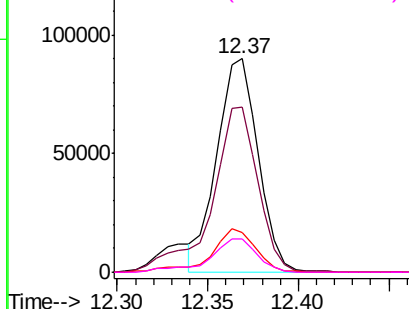
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.288 ng/ul
 RT: 12.37 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BM022326.D
 Acq: 26 Aug 2019 12:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:216	Resp:	142744
Ion Ratio	Lower	Upper
216	100	
214	77.5	61.0 91.4
179	18.9	16.7 25.1
108	15.5	13.0 19.4

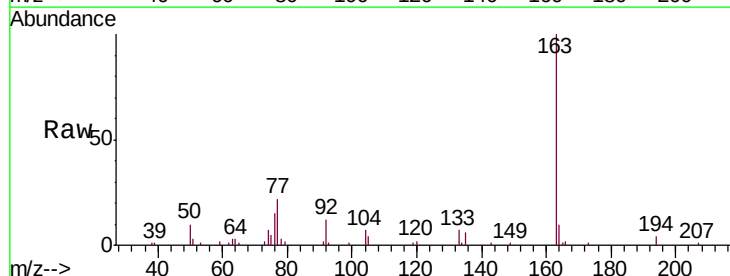


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

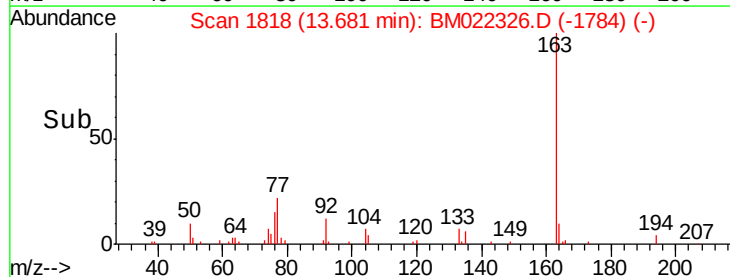
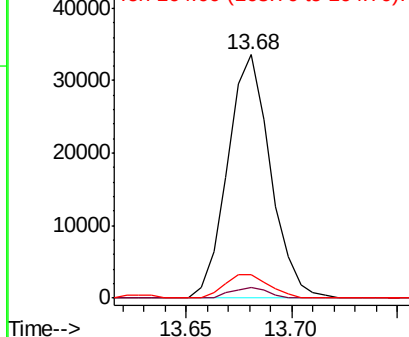


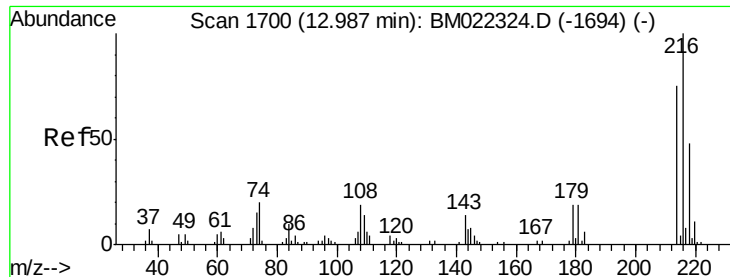
#44
 Dimethylphthalate
 Concen: 5.680 ng/ul
 RT: 13.68 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BM022326.D
 Acq: 26 Aug 2019 12:15

Tgt Ion:163	Resp:	47115
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.0 4.6
164	9.7	7.8 11.8



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





#72

1,2,3,4-Tetrachlorobenzene

Concen: 152.252 ng/uL

RT: 12.99 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BM022326.D

Acq: 26 Aug 2019 12:15

Instrument :

BNA_M

ClientSampleId :

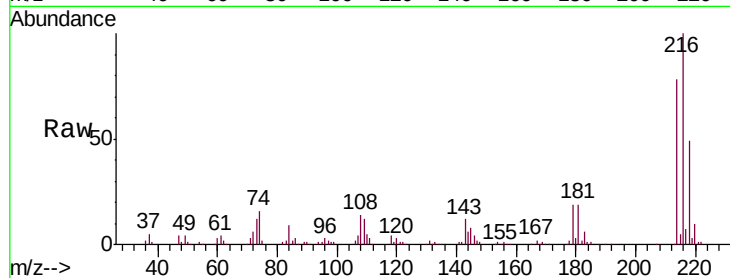
Tot Ion:216 Resp: 587343

Ion Ratio Lower Upper

216 100

214 77.9 61.5 92.3

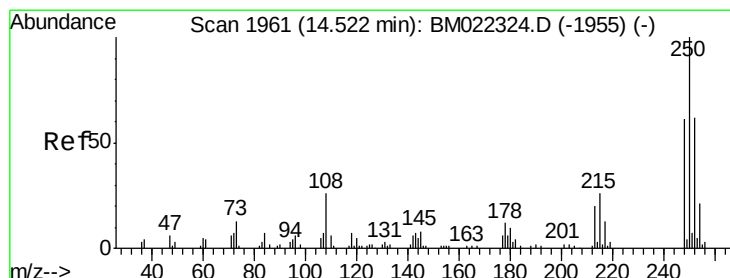
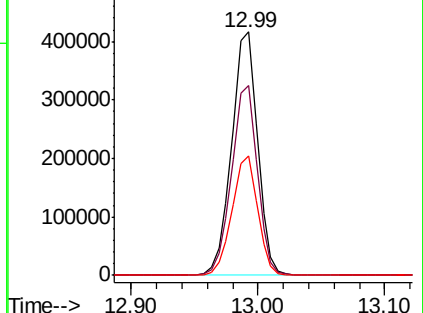
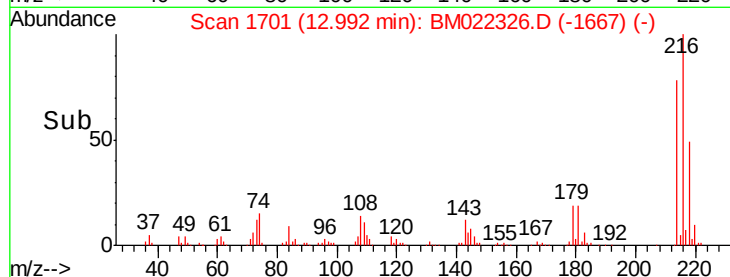
218 49.3 37.1 55.7



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 3.132 ng/uL

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM022326.D

Acq: 26 Aug 2019 12:15

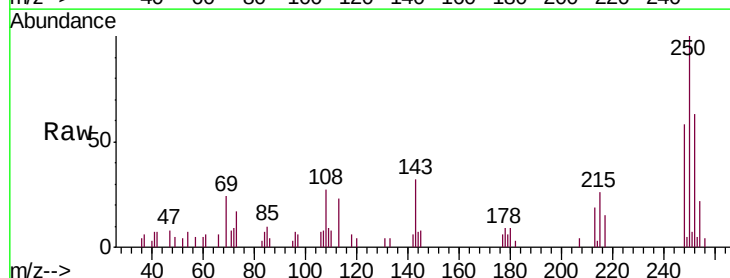
Tgt Ion:250 Resp: 13108

Ion Ratio Lower Upper

250 100

248 54.7 50.3 75.5

252 58.7 51.7 77.5



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

