

Data File : BM024836.D
Acq On : 11 Feb 2020 16:13
Operator : CG/JU
Sample : L1424-22DL 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5B30DL2

Quant Time: Feb 12 04:12:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 04:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	231439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	893838	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	583757	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1259014	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1358445	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1425048	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.60	99	1184	0.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	4811	0.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	5267	0.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	2480	0.19	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	2509	0.39	ng/ul	0.01
22) 2-Nitrophenol-d4	9.26	143	3425	0.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	5776	0.37	ng/ul	0.02
29) 4-Chloroaniline-d4	10.29	131	7174	0.50	ng/ul	-0.01
44) Dimethylphthalate-d6	13.48	166	29876	0.68	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	34066	0.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	509	0.07	ng/ul	0.00
58) Fluorene-d10	15.06	176	28115	0.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	19472	2.37	ng/ul	0.02
71) Anthracene-d10	16.81	188	1259014	21.91	ng/ul	-0.10
79) Pyrene-d10	19.22	212	44386	0.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	47130	0.66	ng/ul	0.00

Target Compounds

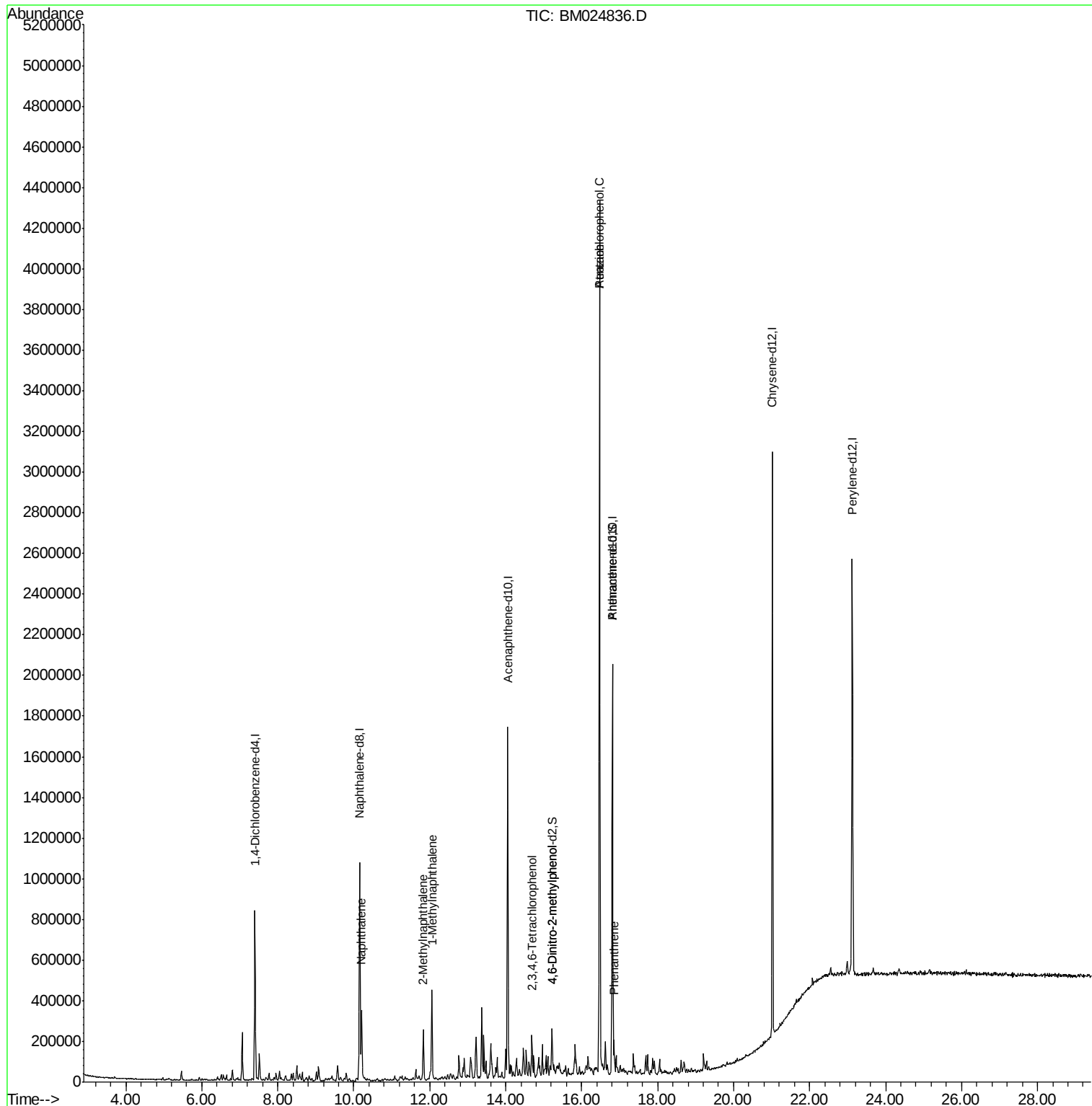
					Qvalue	
28) Naphthalene	10.20	128	275188	6.026	ng/ul	100
34) 2-Methylnaphthalene	11.83	142	118293	3.516	ng/ul	100
35) 1-Methylnaphthalene	12.06	142	204899	6.107	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.70	232	24636	1.898	ng/ul#	92
64) 4,6-Dinitro-2-methylphenol	15.22	198	52713	6.001	ng/ul#	65
68) Atrazine	16.47	200	126674	8.383	ng/ul#	35
69) Pentachlorophenol	16.47	266	796893	71.429	ng/ul	99
70) Phenanthrene	16.85	178	96894	1.411	ng/ul#	95

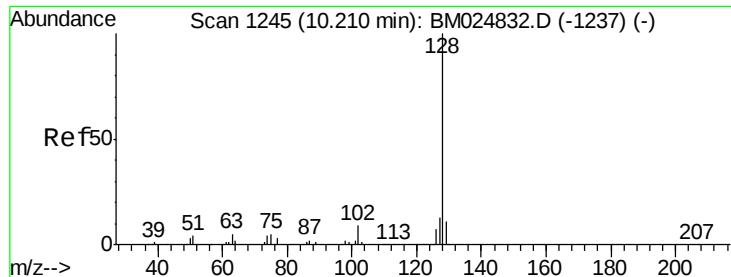
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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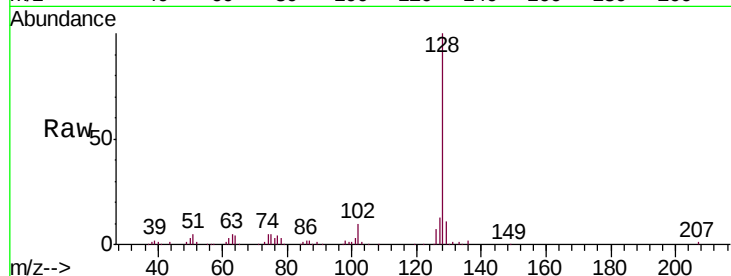




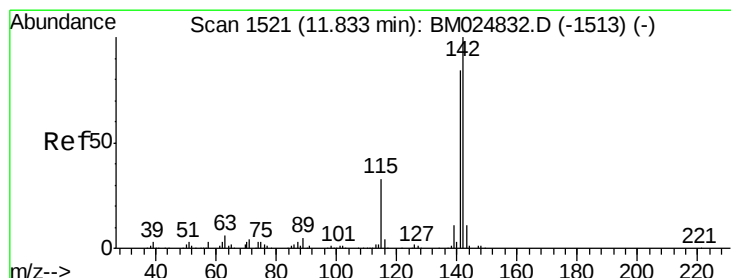
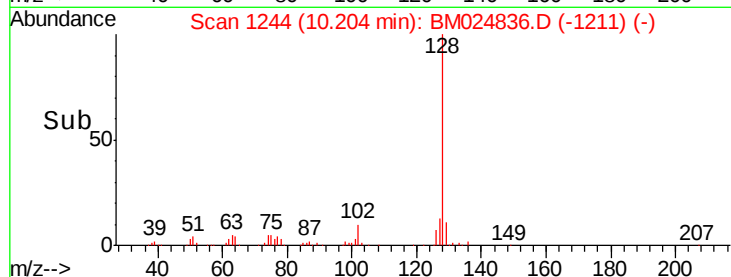
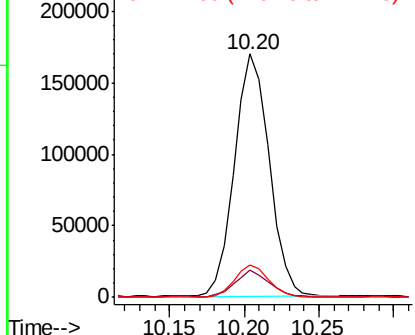
#28
Naphthalene
Concen: 6.026 ng/ul
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM024836.D
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Instrument :
BNA_M
ClientSampleId :
C5B30DL2

Tgt Ion:128 Resp: 275188
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.1 10.4 15.6

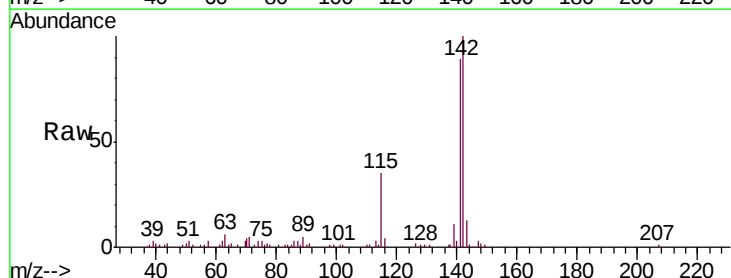


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

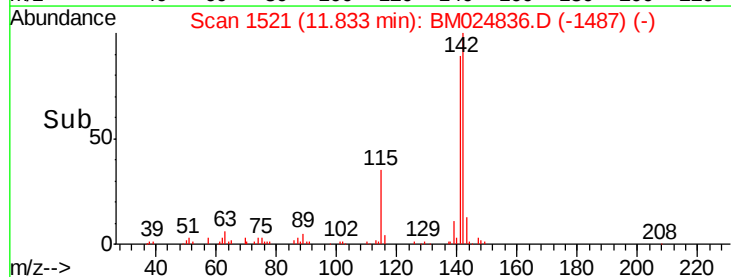
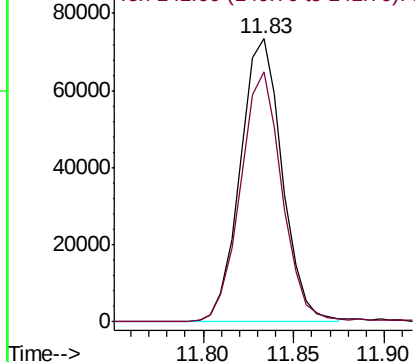


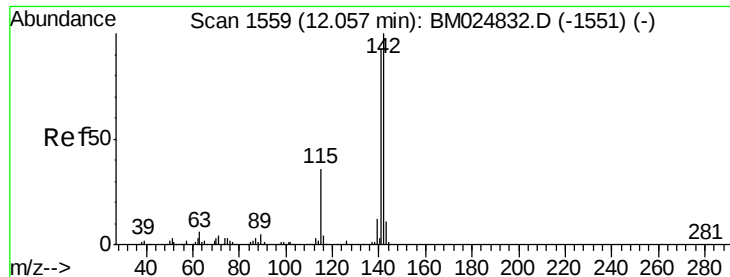
#34
2-Methylnaphthalene
Concen: 3.516 ng/ul
RT: 11.83 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BM024836.D
Acq: 11 Feb 2020 16:13

Tgt Ion:142 Resp: 118293
Ion Ratio Lower Upper
142 100
141 88.5 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 6.107 ng/ul

RT: 12.06 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BM024836.D

Acq: 11 Feb 2020 16:13

Instrument :

BNA_M

ClientSampleId :

C5B30DL2

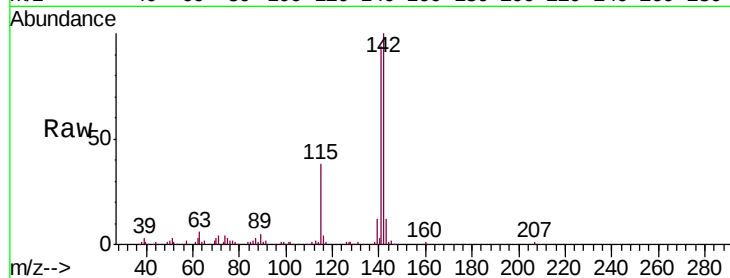
Tgt Ion:142 Resp: 204899

Ion Ratio Lower Upper

142 100

141 93.9 74.1 111.1

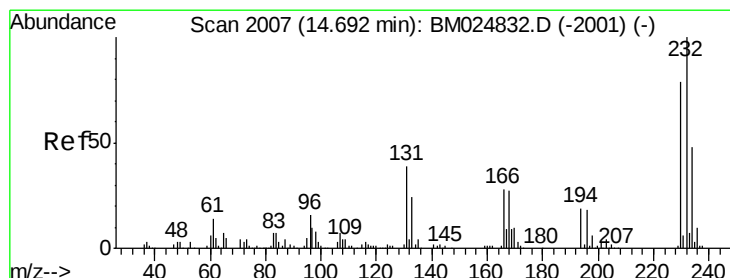
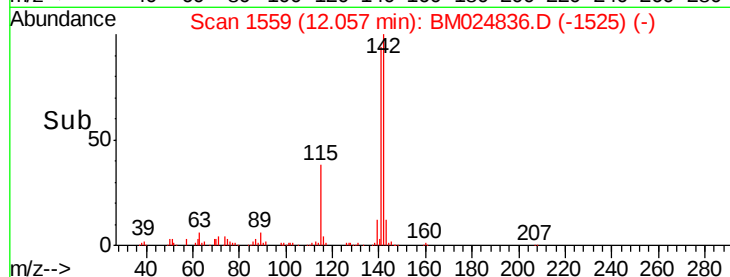
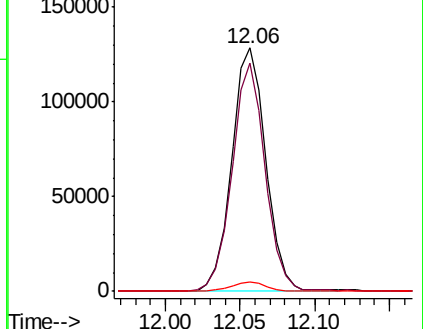
116 4.1 3.0 4.4



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



#56

2,3,4,6-Tetrachlorophenol

Concen: 1.898 ng/ul

RT: 14.70 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BM024836.D

Acq: 11 Feb 2020 16:13

Tgt Ion:232 Resp: 24636

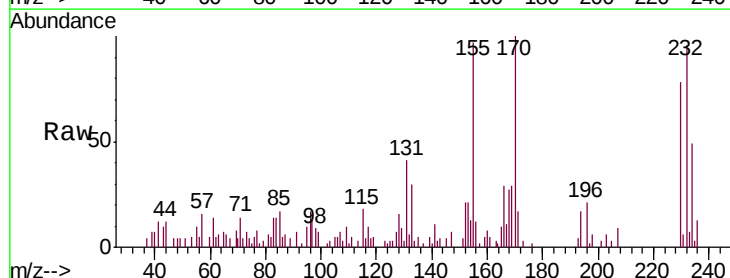
Ion Ratio Lower Upper

232 100

131 42.6 28.5 42.7

130 3.1 1.4 2.0#

166 30.4 22.7 34.1

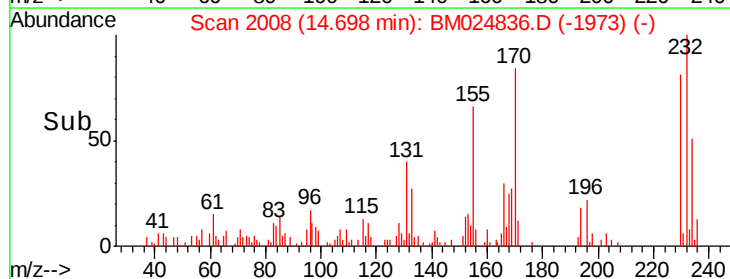
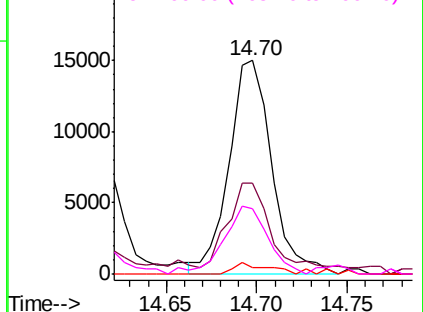


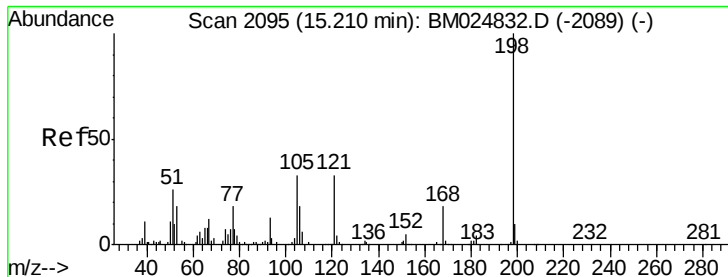
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

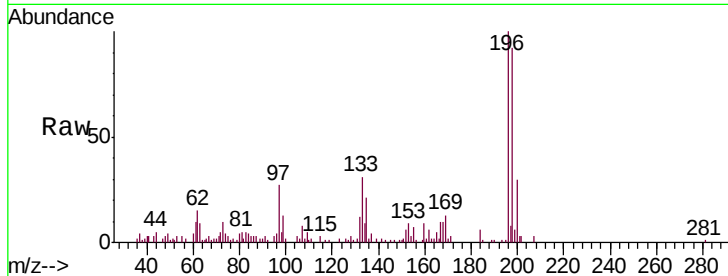




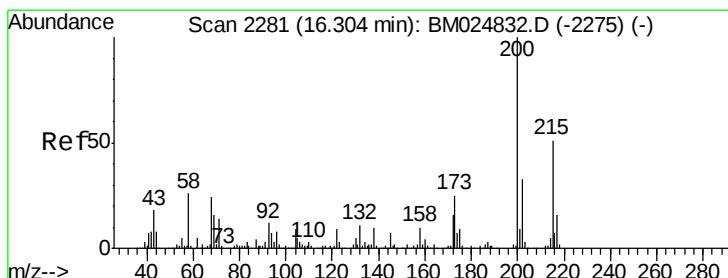
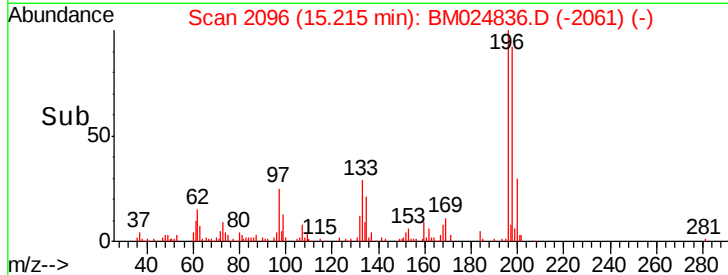
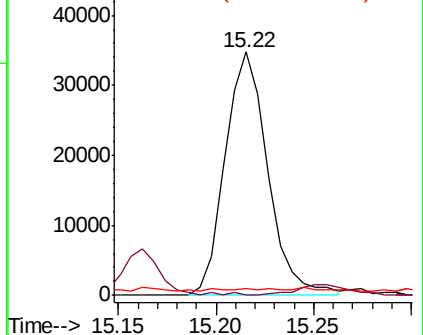
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.001 ng/ul
 RT: 15.22 min Scan# 2096
 Delta R.T. 0.01 min
 Lab File: BM024836.D
 Acq: 11 Feb 2020 16:13

Instrument :
 BNA_M
 ClientSampleId :
 C5B30DL2

Tgt Ion:198 Resp: 52713
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.7 5.5#
 77 2.7 17.0 25.6#

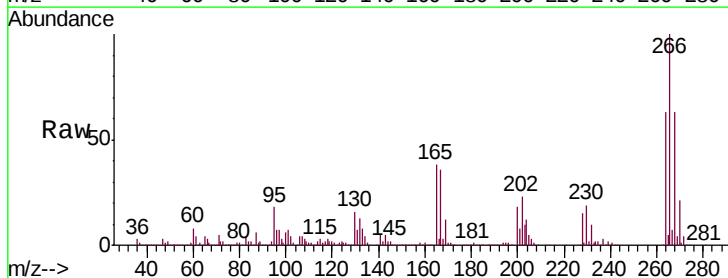


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

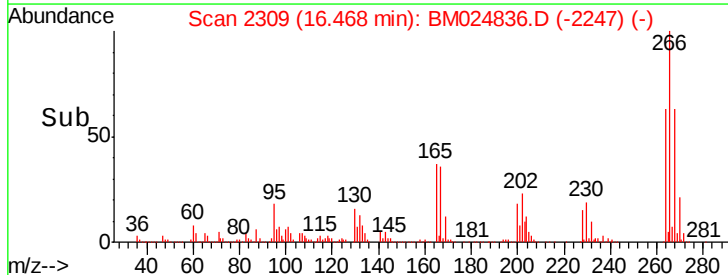
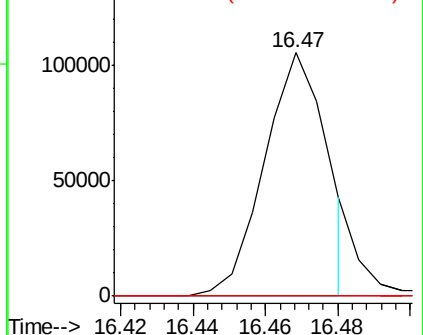


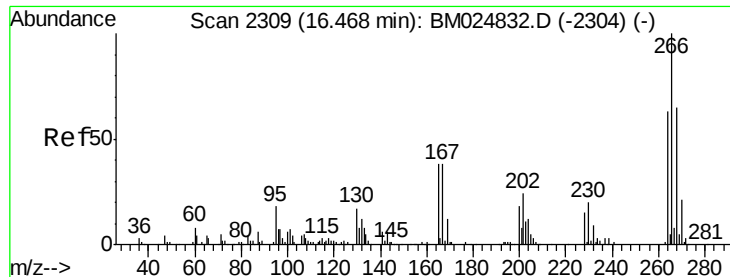
#68
 Atrazine
 Concen: 8.383 ng/ul
 RT: 16.47 min Scan# 2309
 Delta R.T. 0.16 min
 Lab File: BM024836.D
 Acq: 11 Feb 2020 16:13

Tgt Ion:200 Resp: 126674
 Ion Ratio Lower Upper
 200 100
 173 0.3 20.1 30.1#
 215 0.0 40.2 60.2#



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

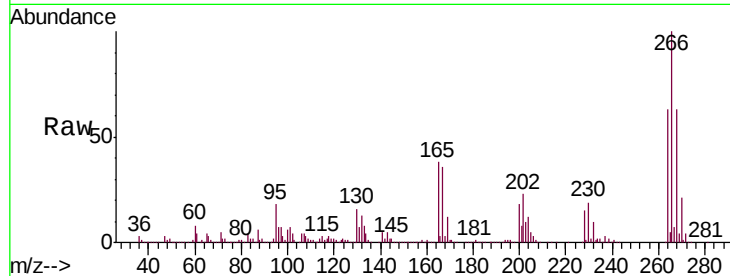




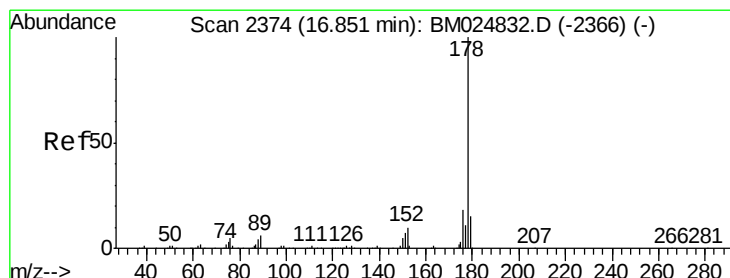
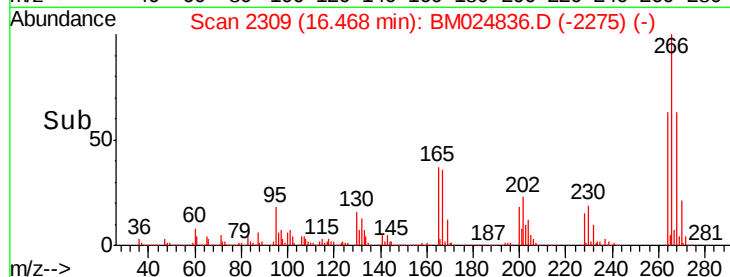
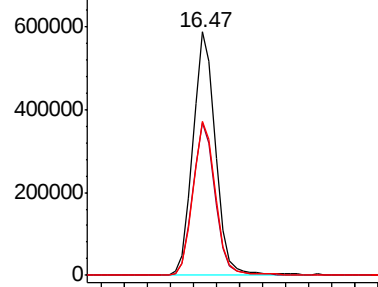
#69
 Pentachlorophenol
 Concen: 71.429 ng/ul
 RT: 16.47 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BM024836.D
 Acq: 11 Feb 2020 16:13

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.0	75.0
268	63.4	50.4	75.6

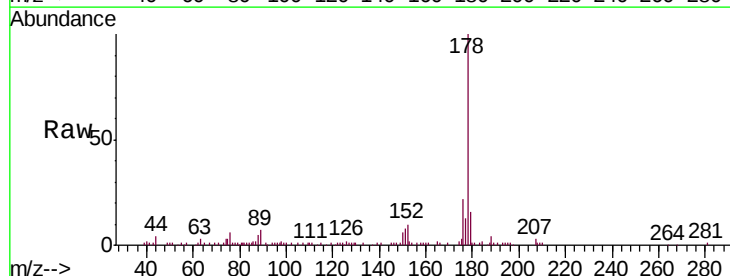


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#70
 Phenanthrene
 Concen: 1.411 ng/ul
 RT: 16.85 min Scan# 2374
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	21.8	14.5	21.7#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

