

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
 Data File : BM026068.D
 Acq On : 21 May 2020 21:55
 Operator : MA/SJ
 Sample : L2735-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 22 01:55:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 21 10:18:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	163434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	690811	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	410008	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	904545	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	967232	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1028751	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	30966	5.72	ng/uL	0.00
5) Phenol-d5	6.69	99	138749	9.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	345624	33.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	331947	28.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	238479	21.34	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	194520	34.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	211704	38.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	370577	33.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	35212	3.10	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	1225267	37.27	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1414931	36.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	49024	8.42	ng/ul	0.00
58) Fluorene-d10	15.14	176	1046020	36.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	176665	33.50	ng/ul	0.00
71) Anthracene-d10	16.99	188	1660230	37.25	ng/ul	0.00
79) Pyrene-d10	19.29	212	1894387	38.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1957242	35.74	ng/ul	0.00

Target Compounds

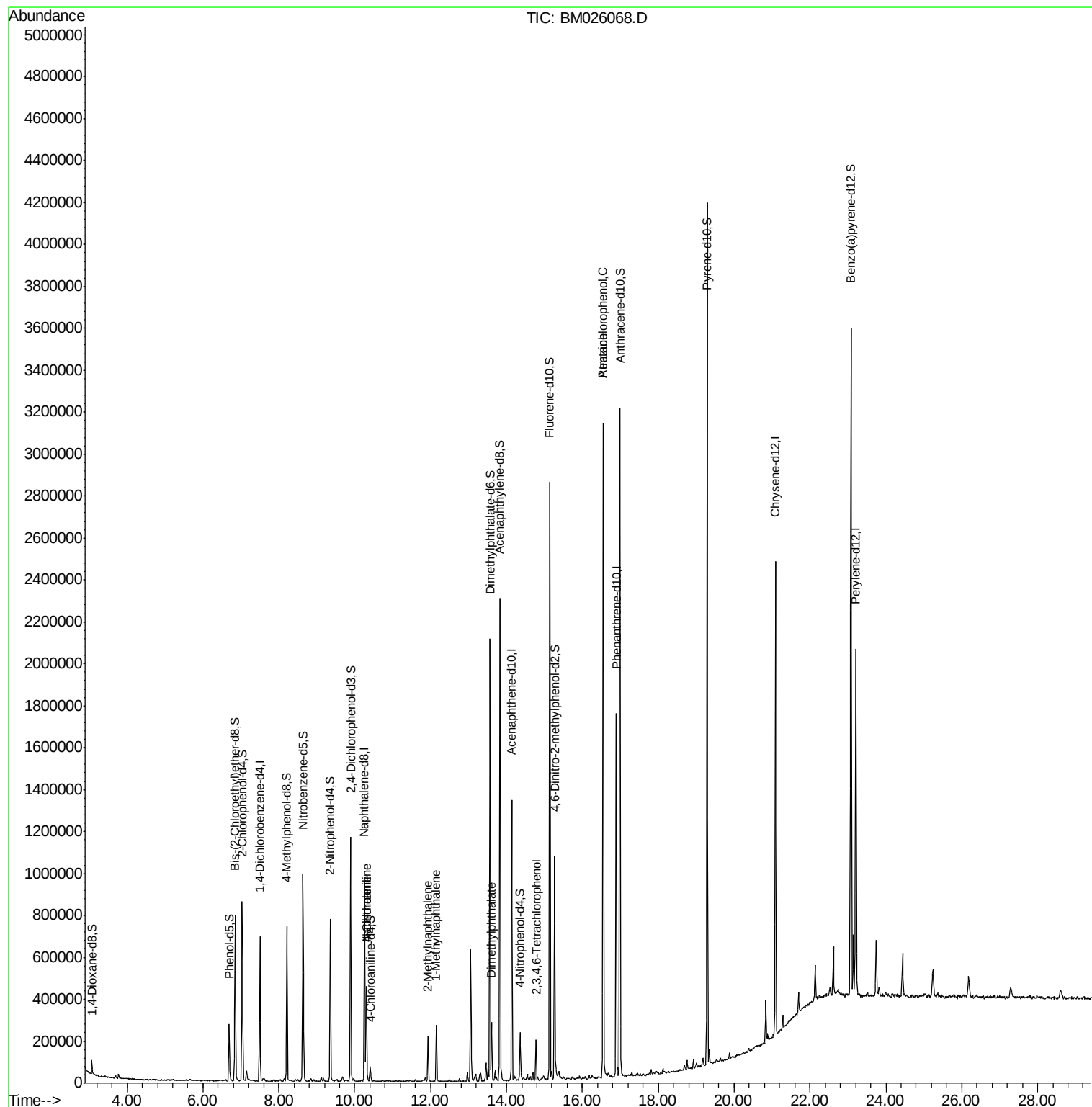
					Ovalue	
28) Naphthalene	10.31	128	334577	7.921	ng/ul	98
30) 4-Chloroaniline	10.31	127	43446	3.666	ng/ul#	15
34) 2-Methylnaphthalene	11.93	142	97628	3.436	ng/ul	100
35) 1-Methylnaphthalene	12.15	142	113325	4.300	ng/ul#	99
45) Dimethylphthalate	13.61	163	151289	4.383	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.78	232	30532	3.848	ng/ul#	93
68) Atrazine	16.55	200	80199	8.078	ng/ul#	36
69) Pentachlorophenol	16.55	266	469160	71.925	ng/ul	98

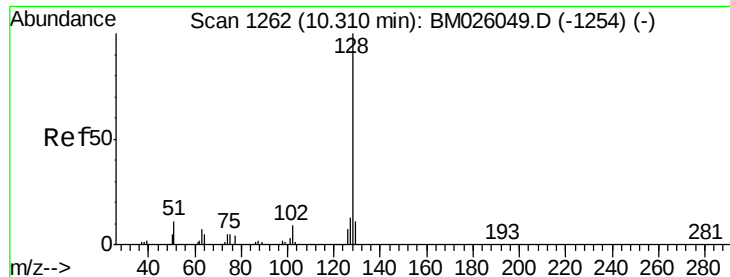
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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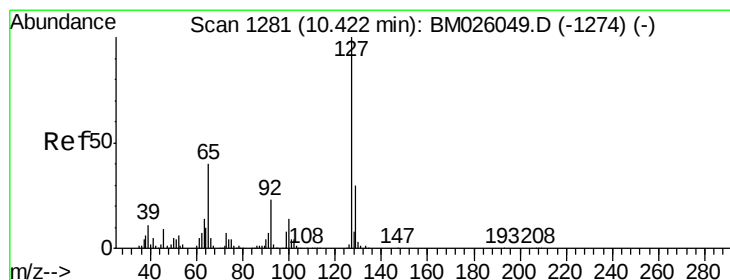
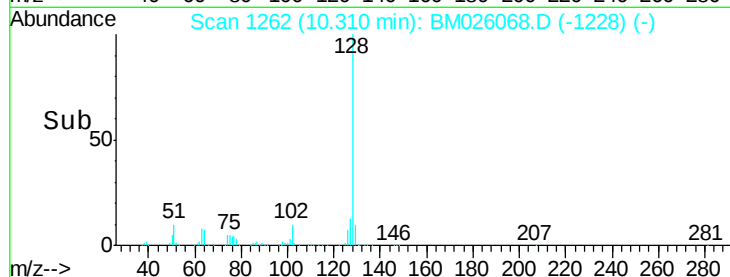
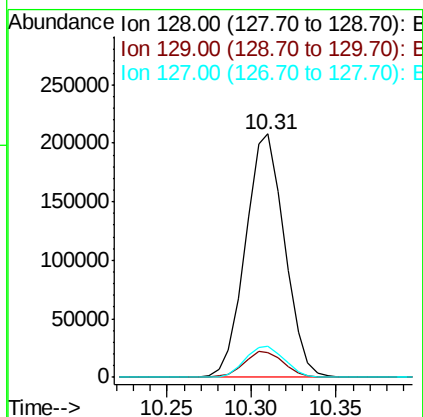
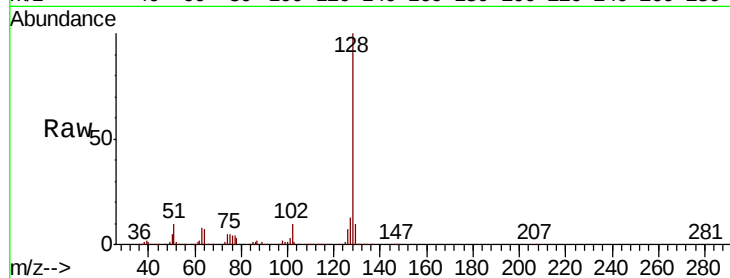




#28
Naphthalene
Concen: 7.921 ng/ul
RT: 10.31 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BM026068.D
Acq: 21 May 2020 21:55

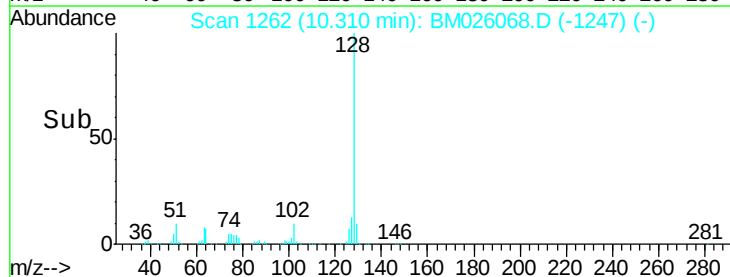
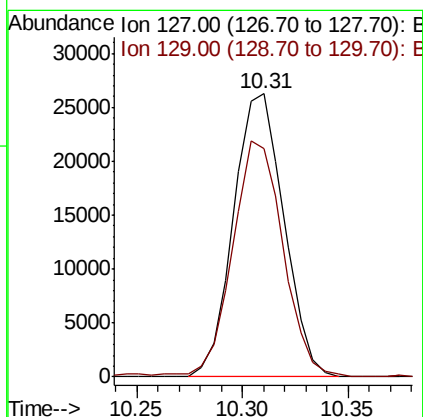
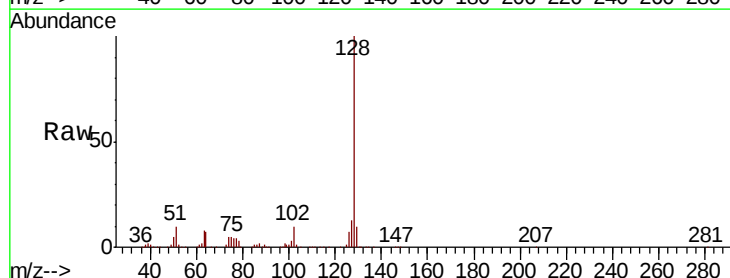
Instrument :
BNA_M
ClientSampleId :

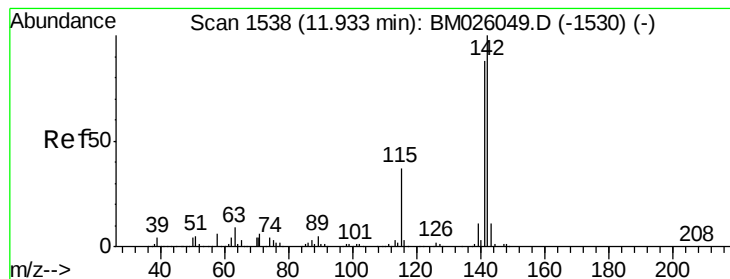
Tot Ion:128 Resp: 334577
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 12.6 10.6 15.8



#30
4-Chloroaniline
Concen: 3.666 ng/ul
RT: 10.31 min Scan# 1262
Delta R.T. -0.11 min
Lab File: BM026068.D
Acq: 21 May 2020 21:55

Tgt Ion:127 Resp: 43446
Ion Ratio Lower Upper
127 100
129 80.6 26.2 39.2#





#34

2-Methylnaphthalene

Concen: 3.436 ng/ul

RT: 11.93 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM026068.D

Acq: 21 May 2020 21:55

Instrument :

BNA_M

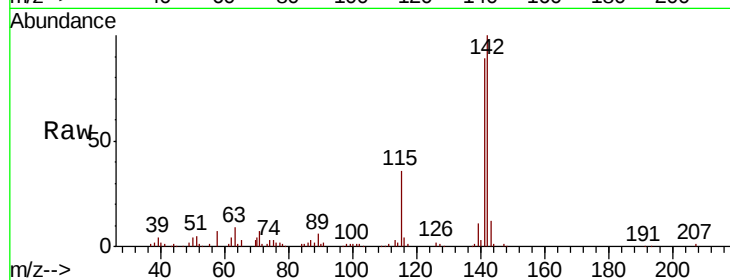
ClientSampleId :

Tot Ion:142 Resp: 97628

Ion Ratio Lower Upper

142 100

141 89.5 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

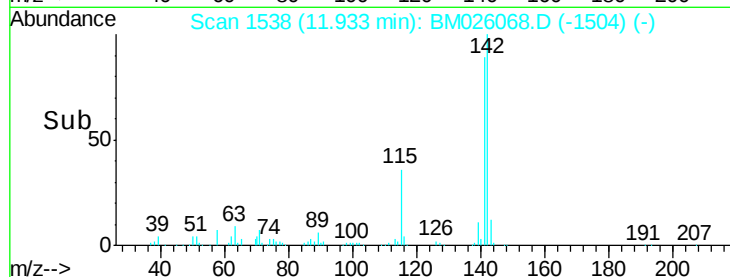
60000

40000

20000

0

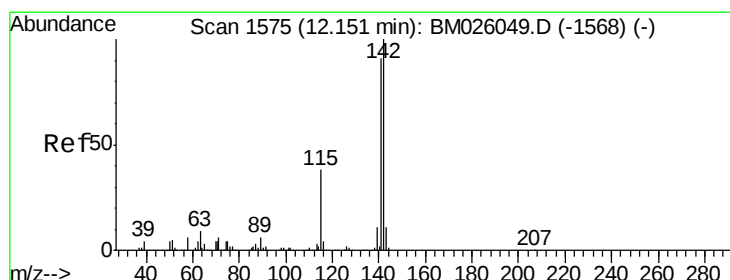
Time-->



11.93

11.90

12.00



#35

1-Methylnaphthalene

Concen: 4.300 ng/ul

RT: 12.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BM026068.D

Acq: 21 May 2020 21:55

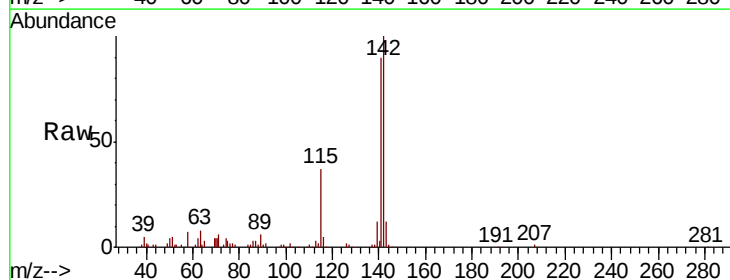
Tgt Ion:142 Resp: 113325

Ion Ratio Lower Upper

142 100

141 90.1 73.0 109.4

116 5.1 3.3 4.9#



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

100000

80000

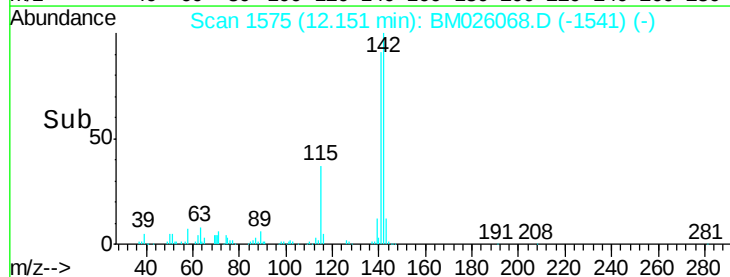
60000

40000

20000

0

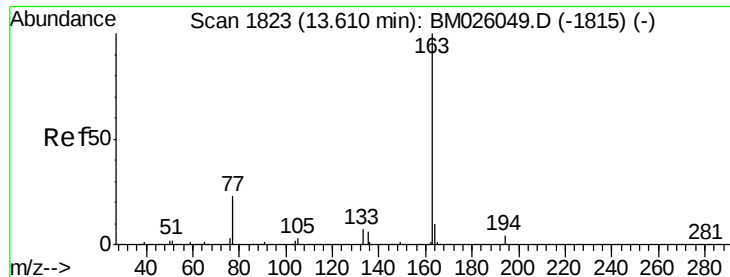
Time-->



12.15

12.10

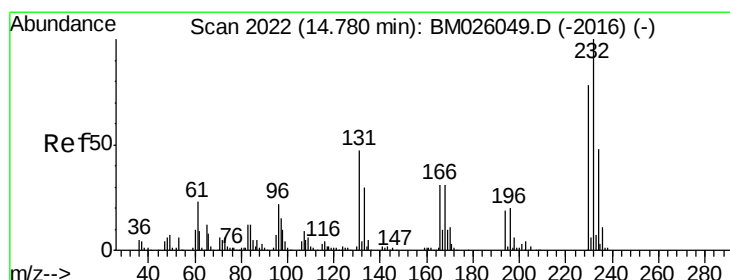
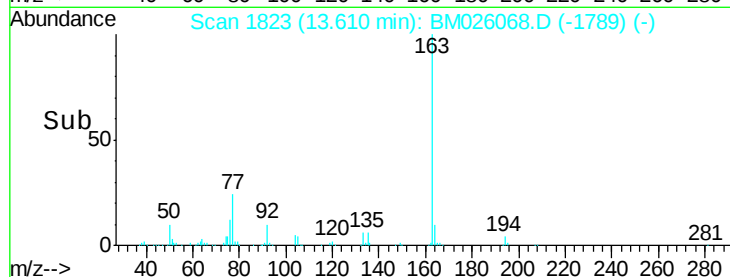
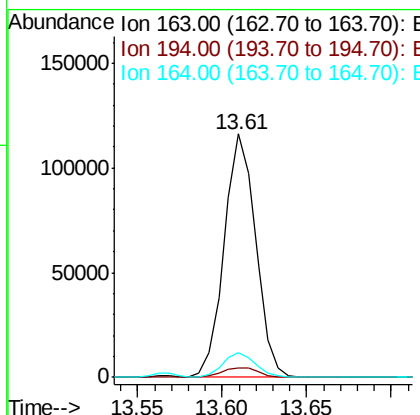
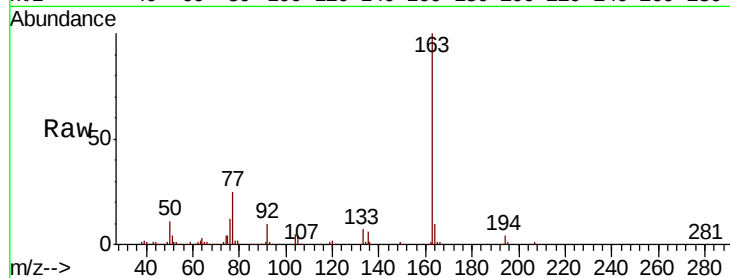
12.20



#45
Dimethylphthalate
Concen: 4.383 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BM026068.D
Acq: 21 May 2020 21:55

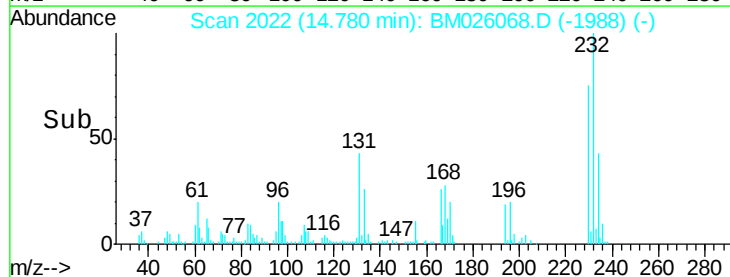
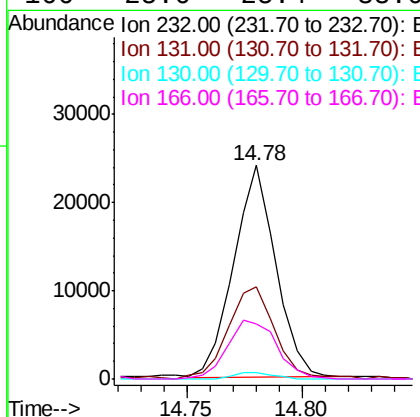
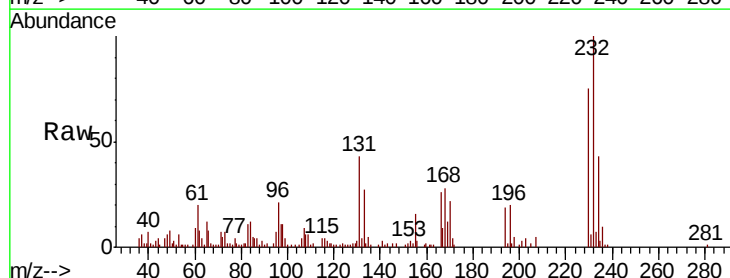
Instrument :
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ClientSampleId :

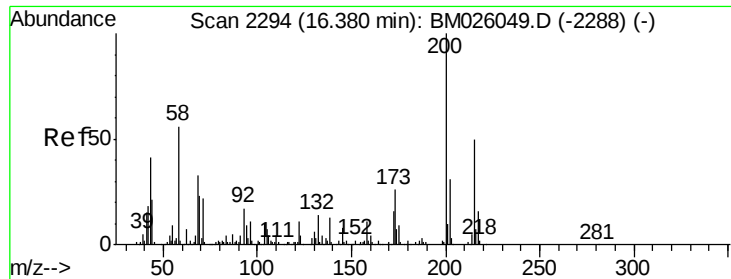
Tot Ion	163	Resp	151289
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	10.3	8.0	12.0



#56
2,3,4,6-Tetrachlorophenol
Concen: 3.848 ng/ul
RT: 14.78 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BM026068.D
Acq: 21 May 2020 21:55

Tgt Ion	232	Resp	30532
Ion Ratio	Lower	Upper	
232	100		
131	43.3	37.0	55.4
130	2.8	1.8	2.8#
166	25.6	25.4	38.0

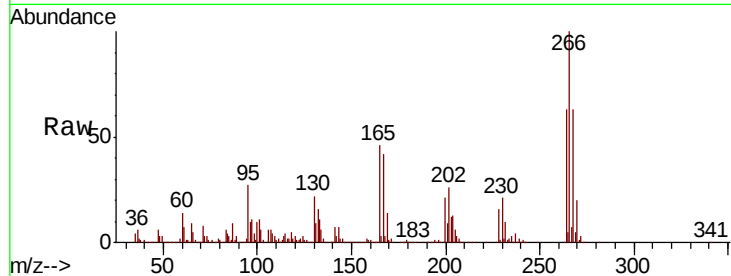




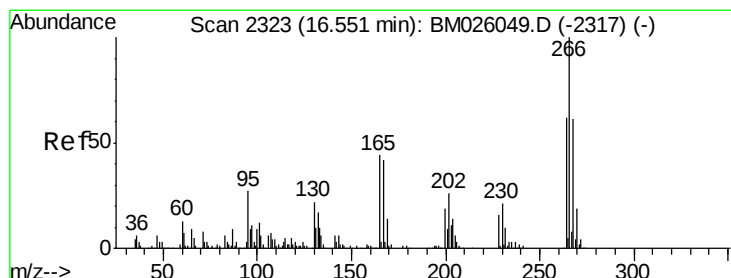
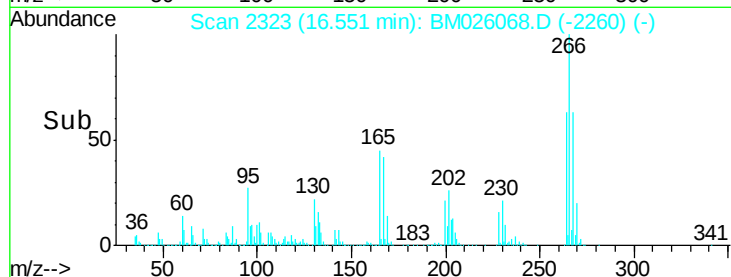
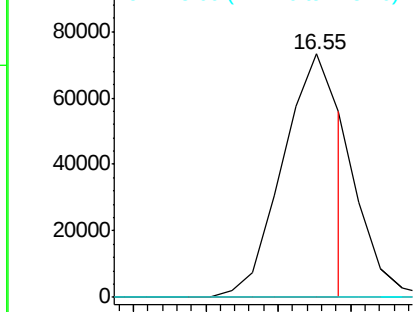
#68
Atrazine
Concen: 8.078 ng/ul
RT: 16.55 min Scan# 2323
Delta R.T. 0.17 min
Lab File: BM026068.D
Acq: 21 May 2020 21:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	20.9	31.3#
215	0.0	38.4	57.6#

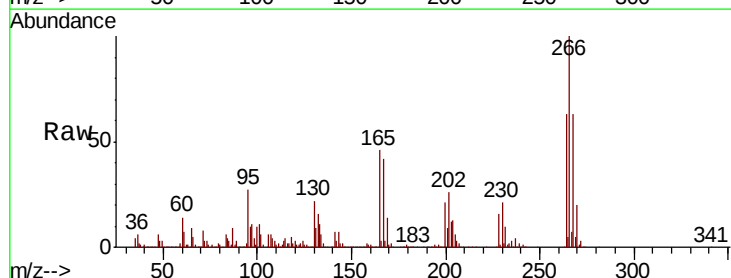


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 71.925 ng/ul
RT: 16.55 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BM026068.D
Acq: 21 May 2020 21:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.3	73.9
268	63.1	52.4	78.6



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

