

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111219\
 Data File : BM023661.D
 Acq On : 12 Nov 2019 13:03
 Operator : JU
 Sample : K5538-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF6M1DL

Quant Time: Nov 12 13:37:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 05:56:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	386697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1736241	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1256901	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2898795	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2574479	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2463227	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	308	0.03	ng/uL	0.00
5) Phenol-d5	6.73	99	26682	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	68316	3.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	66444	2.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	52817	1.88	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	40326	3.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	40495	3.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	98717	3.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	106578	3.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	368704	3.76	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	415682	3.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	7305	0.44	ng/ul	0.01
58) Fluorene-d10	15.20	176	333101	3.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	28144	1.68	ng/ul	0.00
71) Anthracene-d10	17.04	188	538784	3.92	ng/ul	0.00
79) Pyrene-d10	19.35	212	592236	4.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	486709	3.75	ng/ul	-0.01

Target Compounds

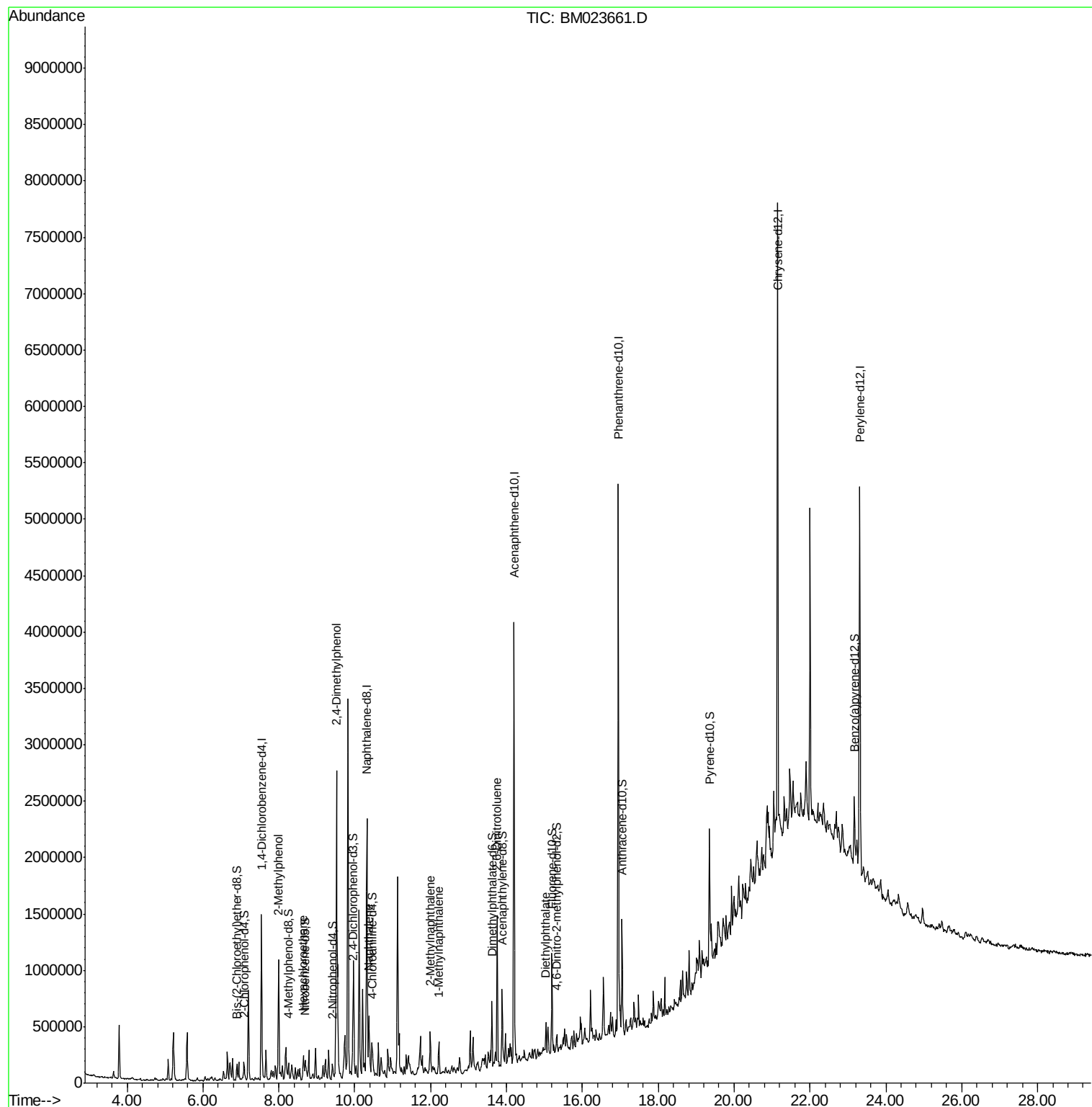
					Qvalue
11) 2-Methylphenol	7.99	108	334859	12.355	ng/ul 99
17) Hexachloroethane	8.65	117	22339	2.138	ng/ul# 2
24) 2,4-Dimethylphenol	9.52	107	1032792	31.106	ng/ul 97
28) Naphthalene	10.37	128	320179	3.509	ng/ul 99
34) 2-Methylnaphthalene	11.99	142	166467	2.385	ng/ul 97
35) 1-Methylnaphthalene	12.22	142	114093	1.657	ng/ul 99
46) 2,6-Dinitrotoluene	13.75	165	190414	10.884	ng/ul# 42
57) Diethylphthalate	15.04	149	148389	1.574	ng/ul 98

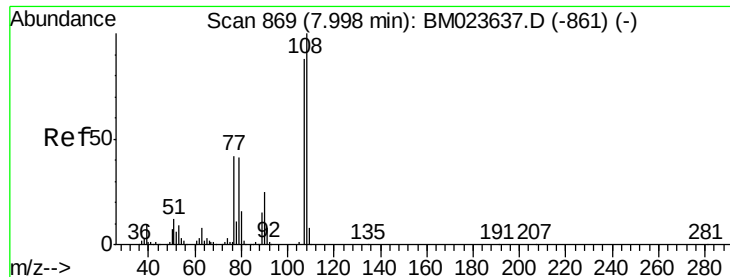
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 12.355 ng/ul

RT: 7.99 min Scan# 868

Delta R.T. -0.01 min

Lab File: BM023661.D

Acq: 12 Nov 2019 13:03

Instrument :

BNA_M

ClientSampleId :

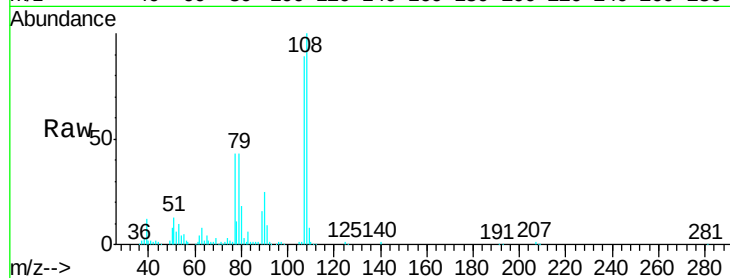
BF6M1DL

Tgt Ion:108 Resp: 334859

Ion Ratio Lower Upper

108 100

107 88.5 71.4 107.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

7.99

250000

200000

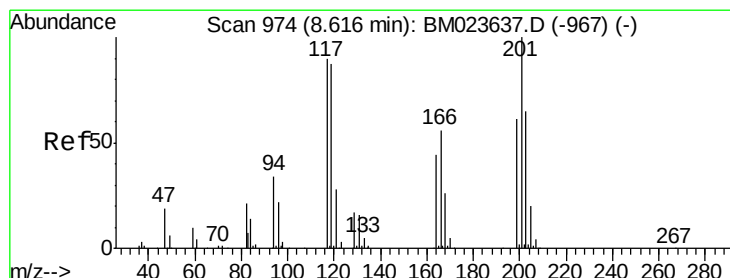
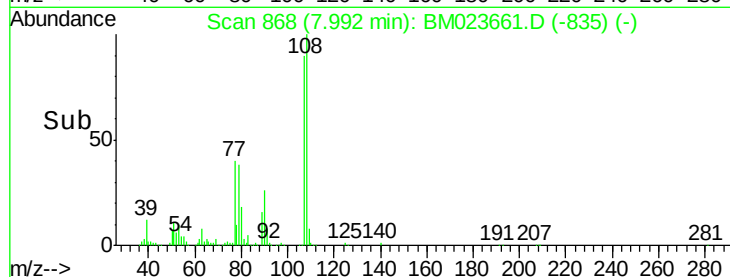
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#17

Hexachloroethane

Concen: 2.138 ng/ul

RT: 8.65 min Scan# 979

Delta R.T. 0.03 min

Lab File: BM023661.D

Acq: 12 Nov 2019 13:03

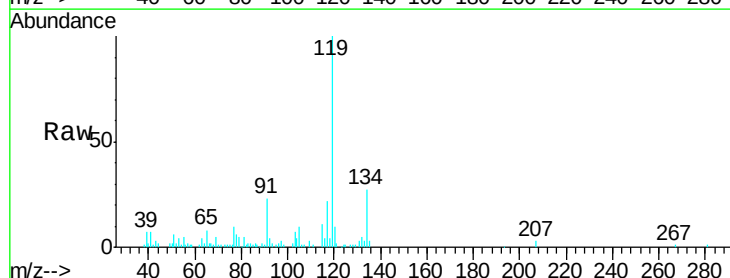
Tgt Ion:117 Resp: 22339

Ion Ratio Lower Upper

117 100

201 0.0 90.0 135.0#

199 0.0 57.0 85.4#



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

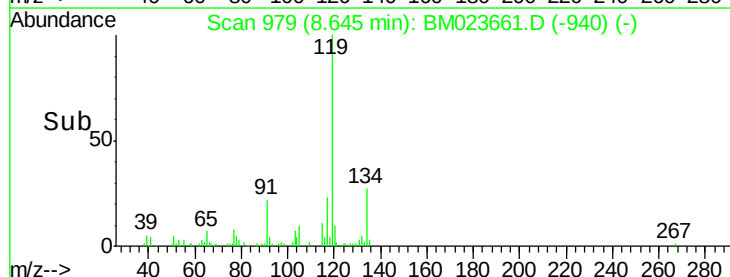
30000

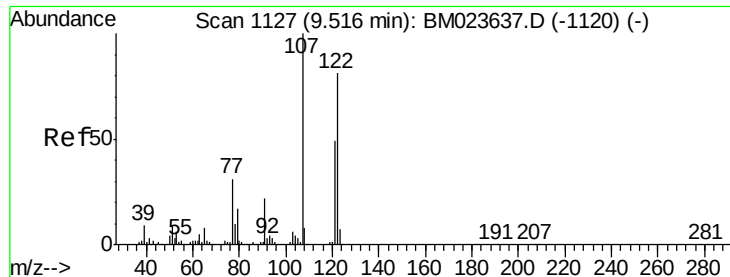
20000

10000

0

Time--> 8.60 8.65 8.70





#24

2,4-Dimethylphenol

Concen: 31.106 ng/ul

RT: 9.52 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BM023661.D

Acq: 12 Nov 2019 13:03

Instrument :

BNA_M

ClientSampleId :

BF6M1DL

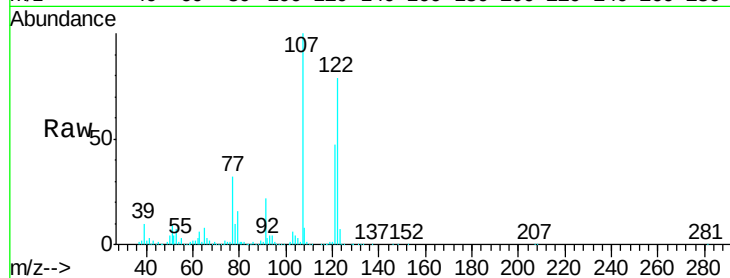
Tgt Ion:107 Resp: 1032792

Ion Ratio Lower Upper

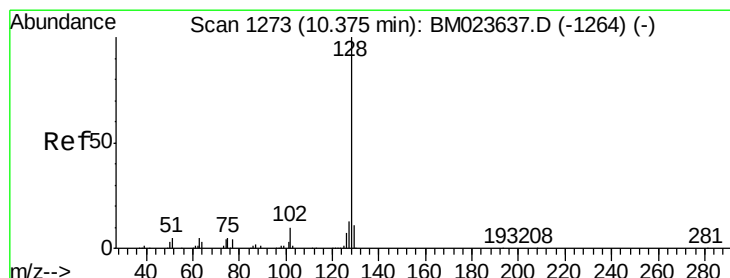
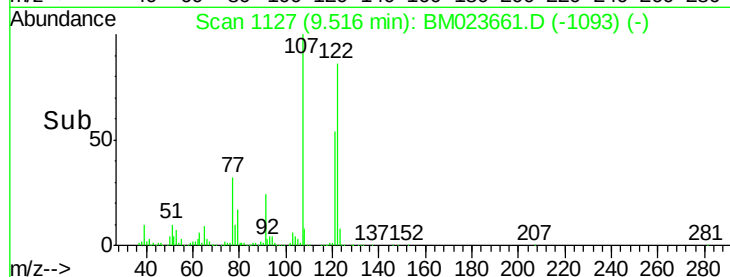
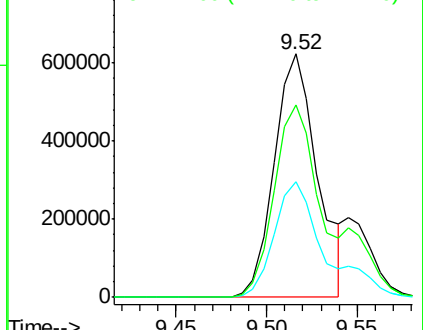
107 100

121 47.4 38.6 57.8

122 79.1 65.9 98.9



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: 3.509 ng/ul

RT: 10.37 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM023661.D

Acq: 12 Nov 2019 13:03

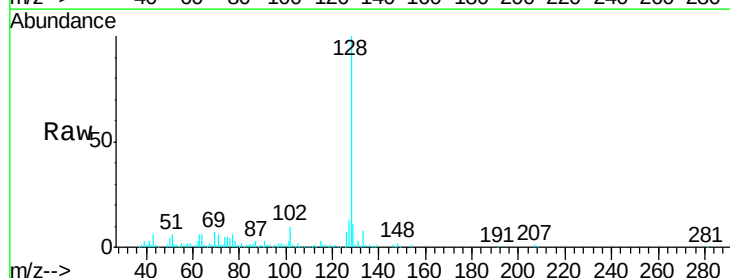
Tgt Ion:128 Resp: 320179

Ion Ratio Lower Upper

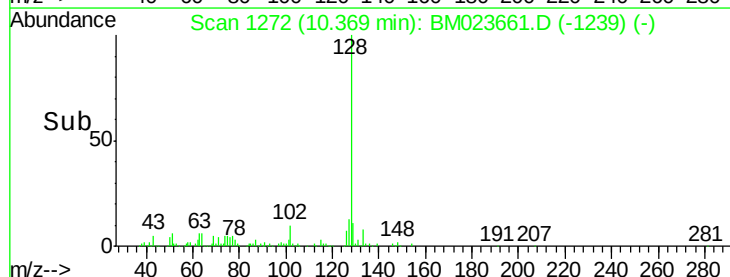
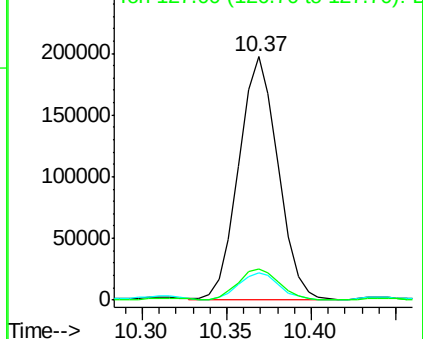
128 100

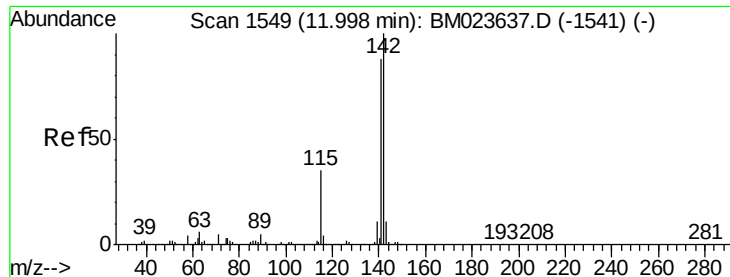
129 11.1 8.7 13.1

127 13.0 10.6 16.0



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

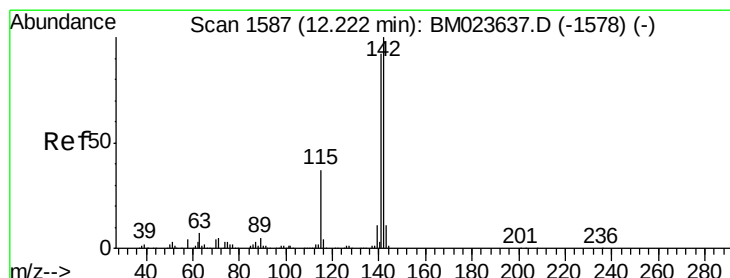
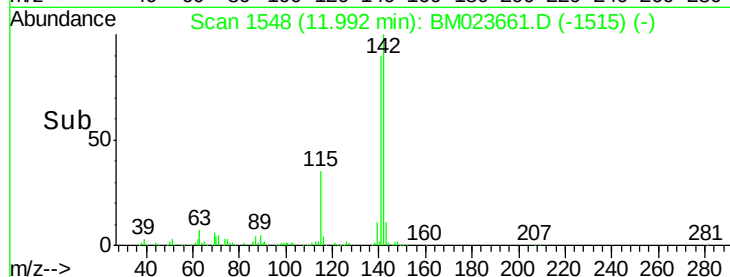
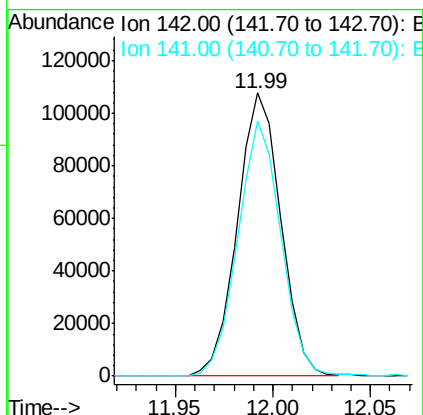
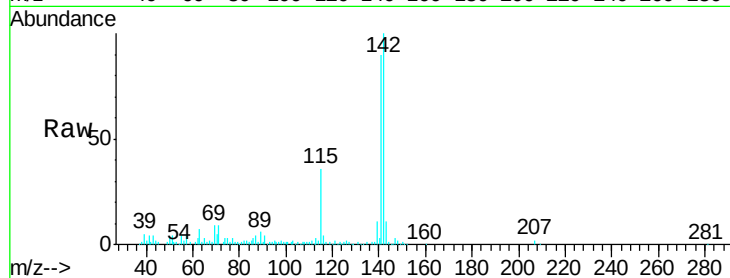




#34
2-Methylnaphthalene
Concen: 2.385 ng/ul
RT: 11.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BM023661.D
Acq: 12 Nov 2019 13:03

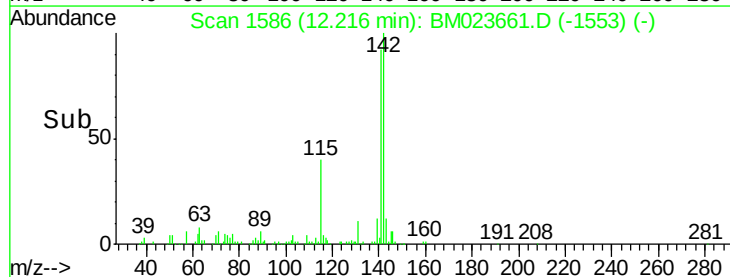
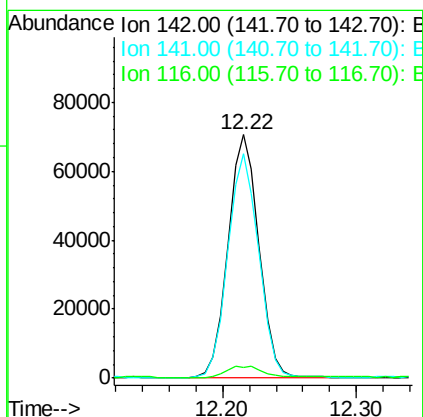
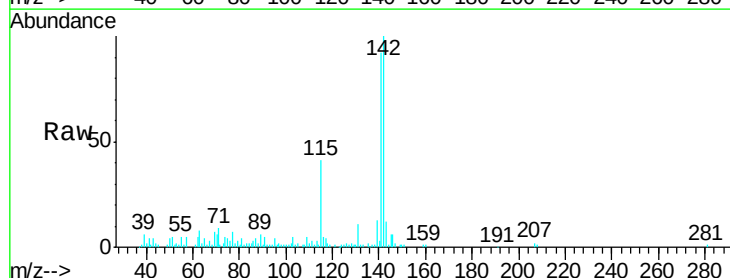
Instrument :
BNA_M
ClientSampleId :
BF6M1DL

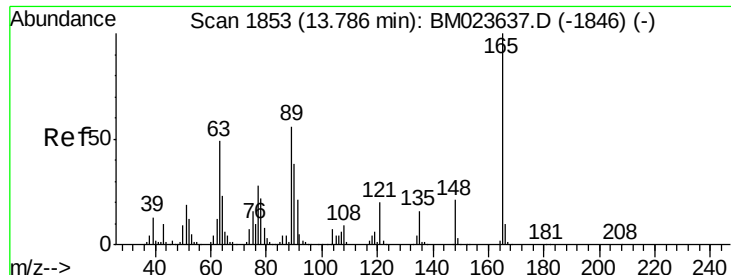
Tgt Ion:142 Resp: 166467
Ion Ratio Lower Upper
142 100
141 90.3 69.8 104.8



#35
1-Methylnaphthalene
Concen: 1.657 ng/ul
RT: 12.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BM023661.D
Acq: 12 Nov 2019 13:03

Tgt Ion:142 Resp: 114093
Ion Ratio Lower Upper
142 100
141 92.3 74.6 112.0
116 4.6 3.2 4.8





#46

2,6-Dinitrotoluene

Concen: 10.884 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. -0.04 min

Lab File: BM023661.D

Acq: 12 Nov 2019 13:03

Instrument :

BNA_M

ClientSampleId :

BF6M1DL

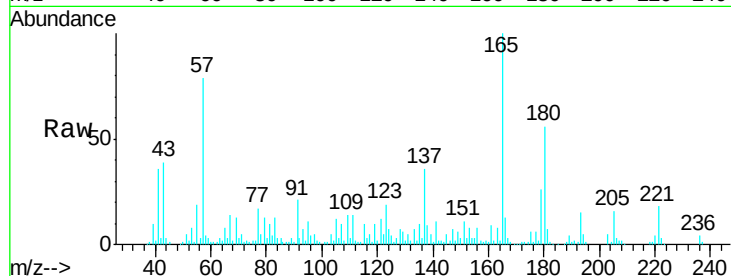
Tgt Ion:165 Resp: 190414

Ion Ratio Lower Upper

165 100

89 2.8 43.8 65.8#

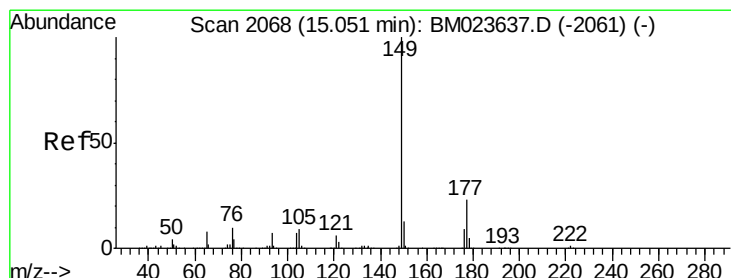
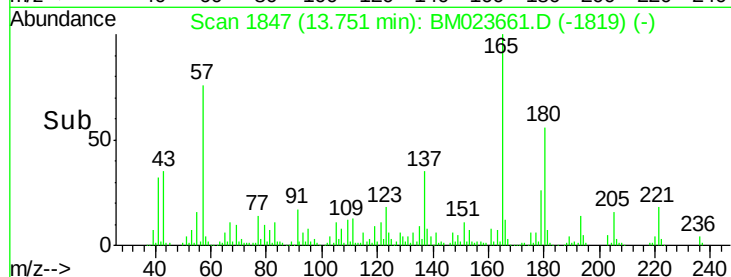
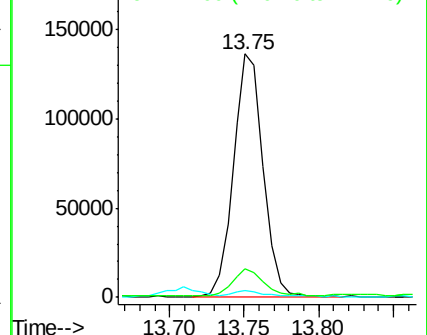
121 11.7 17.0 25.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E



#57

Diethylphthalate

Concen: 1.574 ng/ul

RT: 15.04 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BM023661.D

Acq: 12 Nov 2019 13:03

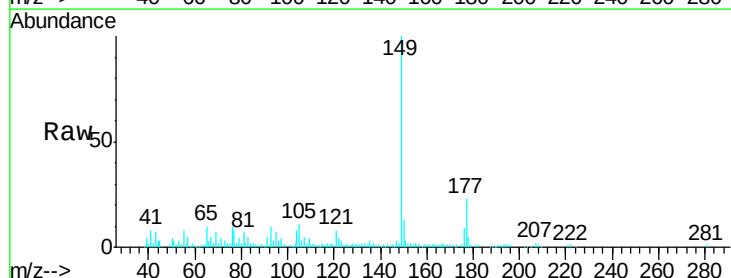
Tgt Ion:149 Resp: 148389

Ion Ratio Lower Upper

149 100

177 22.7 18.9 28.3

150 12.9 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

