

Data File : BM024535.D
Acq On : 18 Jan 2020 14:48
Operator : JU
Sample : L1109-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASH6

Quant Time: Jan 20 03:28:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	186066	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	817171	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	601078	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1422155	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1546581	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1704811	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	11487	3.02	ng/uL	0.00
5) Phenol-d5	6.65	99	216929	15.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	135093	17.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	196992	16.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	215830	16.97	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	106517	18.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	122354	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	247521	17.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	249349	16.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1064171	22.59	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	954281	17.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	125137	15.92	ng/ul	0.00
58) Fluorene-d10	15.10	176	783230	18.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	106186	13.08	ng/ul	0.00
71) Anthracene-d10	16.95	188	1240244	18.75	ng/ul	0.00
79) Pyrene-d10	19.26	212	1476055	17.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1578530	17.85	ng/ul	0.00

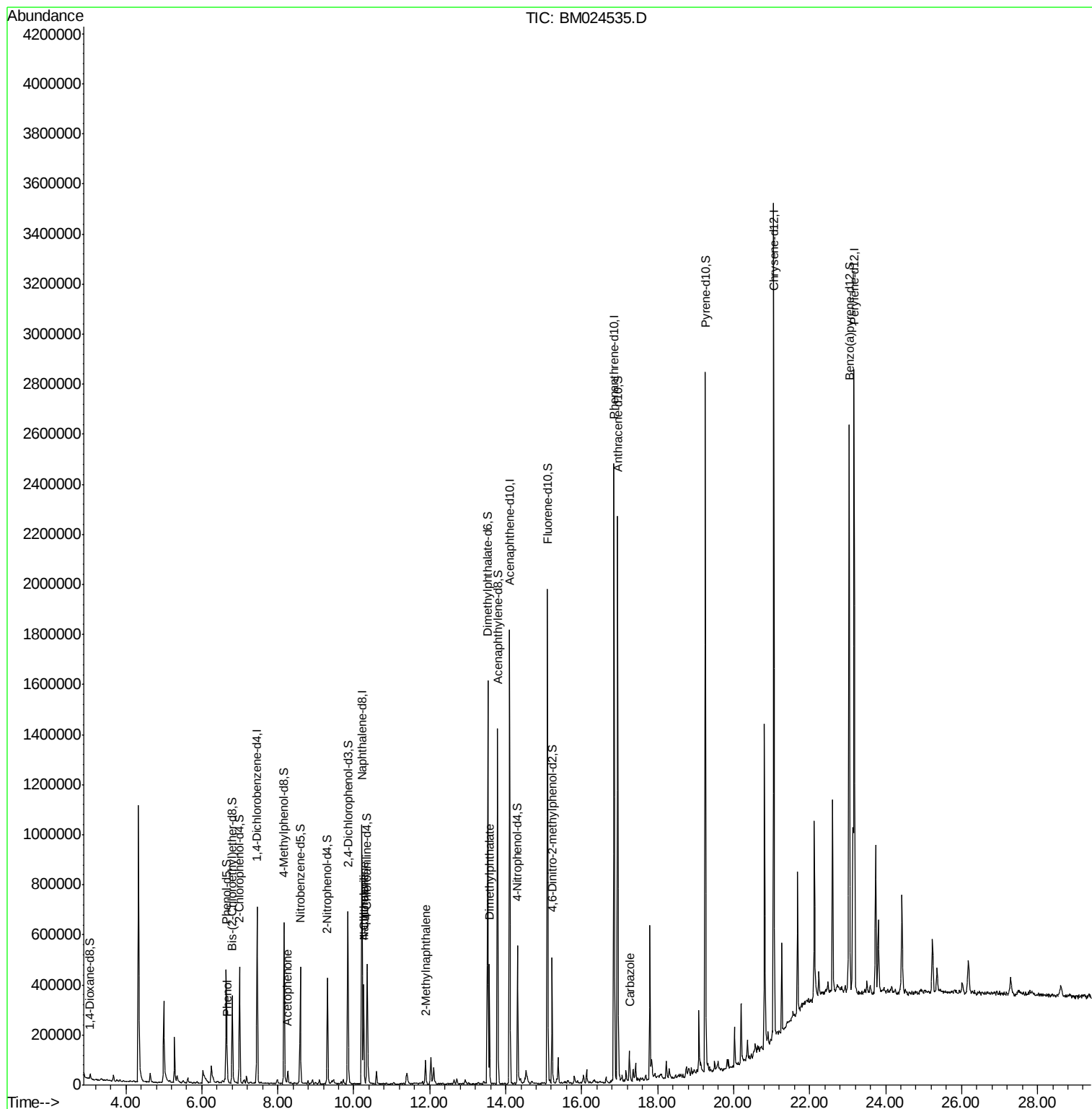
Target Compounds				Qvalue		
6) Phenol	6.67	94	17315	1.235	ng/ul	92
14) Acetophenone	8.27	105	23044	1.154	ng/ul	95
28) Naphthalene	10.26	128	300887	7.187	ng/ul	99
30) 4-Chloroaniline	10.26	127	38796	2.537	ng/ul#	8
34) 2-Methylnaphthalene	11.89	142	42787	1.317	ng/ul	99
45) Dimethylphthalate	13.57	163	293722	6.135	ng/ul	98
75) Carbazole	17.26	167	76357	1.160	ng/ul	99

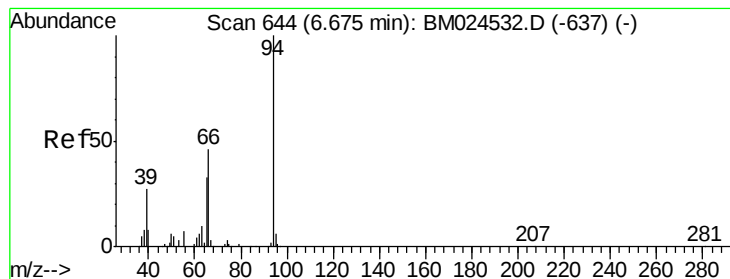
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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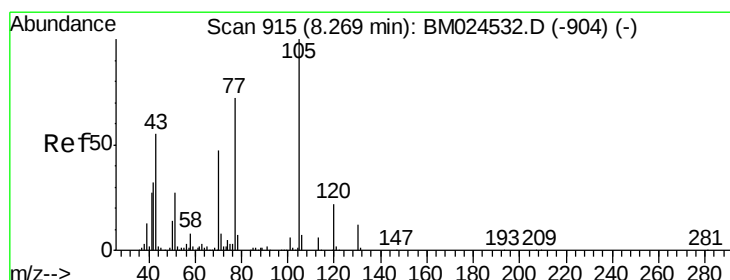
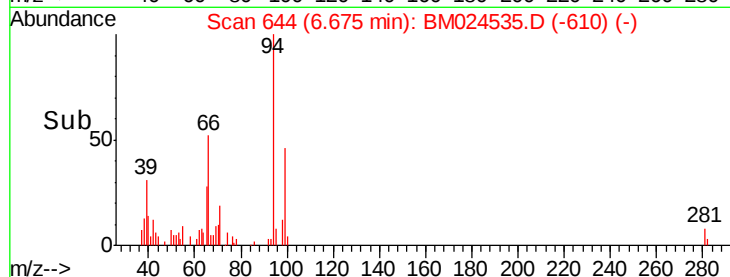
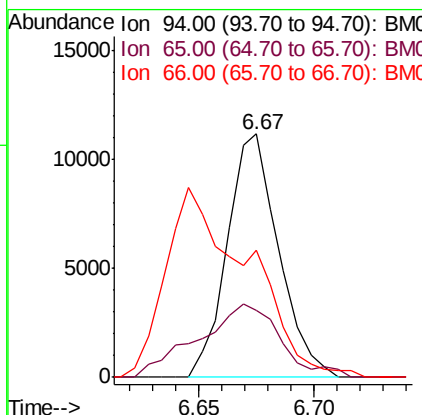
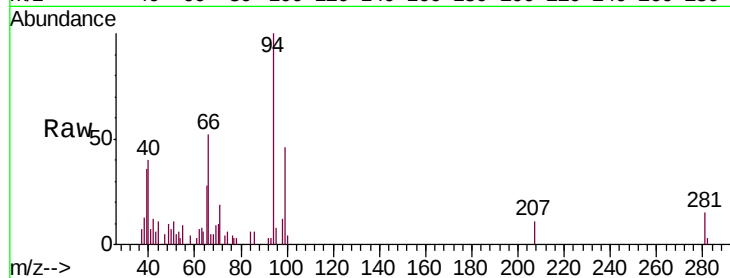
#6

Phenol

Concen: 1.235 ng/ul
 RT: 6.67 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM024535.D
 Acq: 18 Jan 2020 14:48

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 BNA_M
 ClientSampleId :
 GASH6

Tgt Ion: 94 Resp: 17315
 Ion Ratio Lower Upper
 94 100
 65 27.6 26.7 40.1
 66 52.2 38.1 57.1

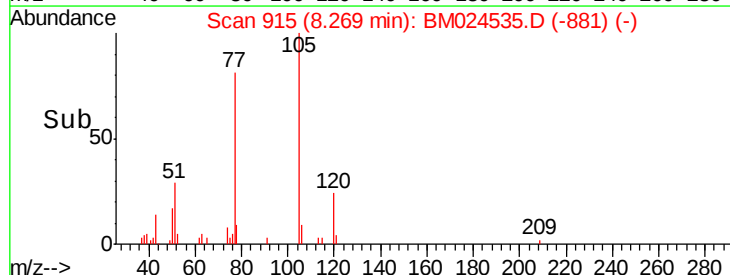
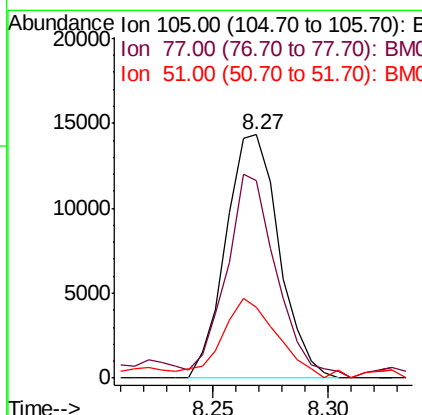
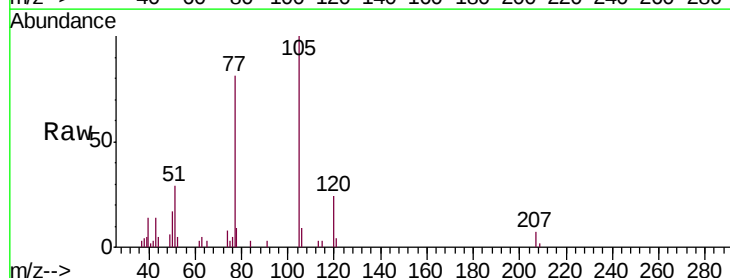


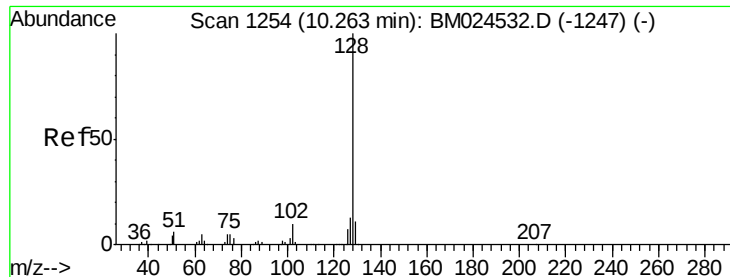
#14

Acetophenone

Concen: 1.154 ng/ul
 RT: 8.27 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BM024535.D
 Acq: 18 Jan 2020 14:48

Tgt Ion: 105 Resp: 23044
 Ion Ratio Lower Upper
 105 100
 77 81.2 60.6 90.8
 51 28.8 24.4 36.6





#28

Naphthalene

Concen: 7.187 ng/ul

RT: 10.26 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BM024535.D

Acq: 18 Jan 2020 14:48

Instrument :

BNA_M

ClientSampleId :

GASH6

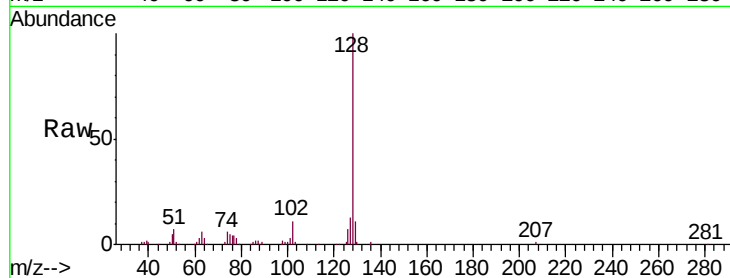
Tgt Ion:128 Resp: 300887

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

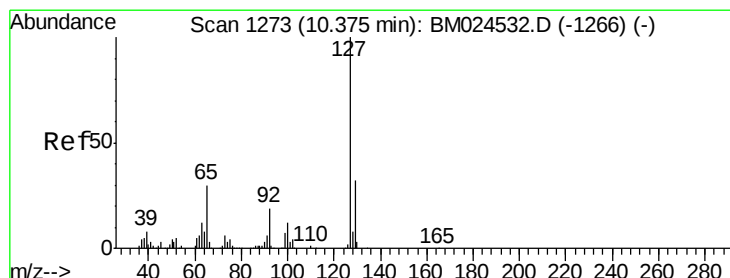
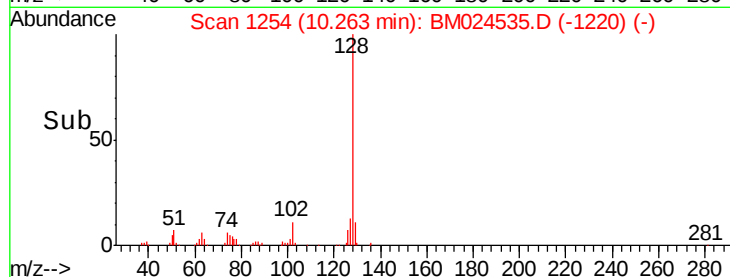
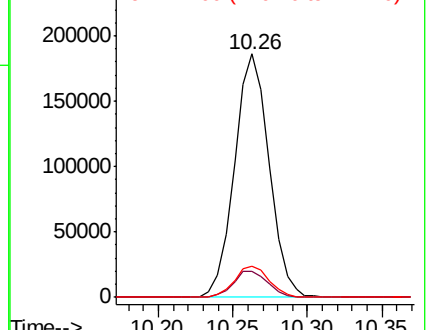
127 12.7 10.4 15.6



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



#30

4-Chloroaniline

Concen: 2.537 ng/ul

RT: 10.26 min Scan# 1254

Delta R.T. -0.11 min

Lab File: BM024535.D

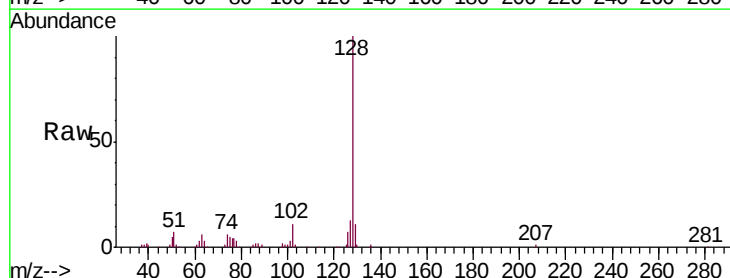
Acq: 18 Jan 2020 14:48

Tgt Ion:127 Resp: 38796

Ion Ratio Lower Upper

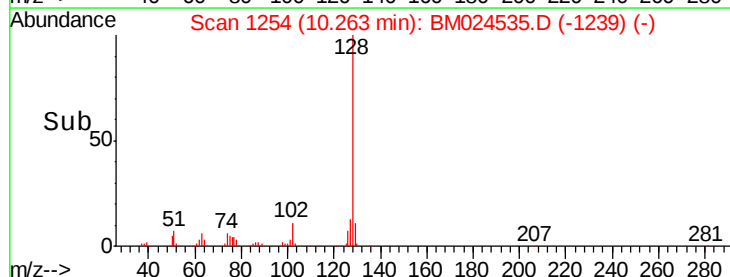
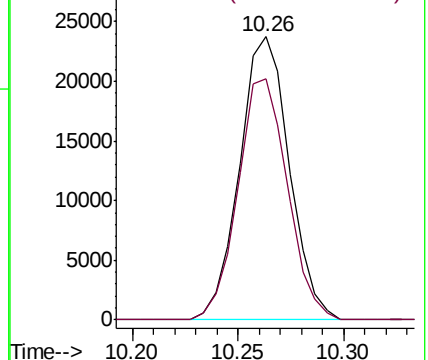
127 100

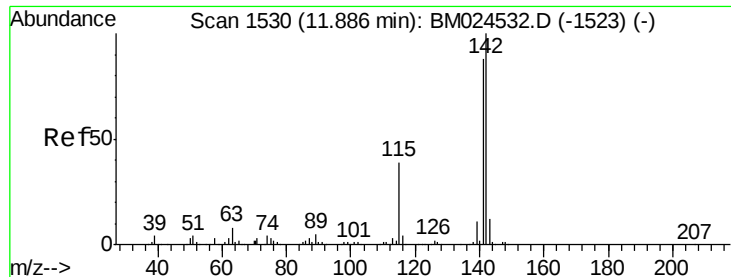
129 85.2 26.4 39.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

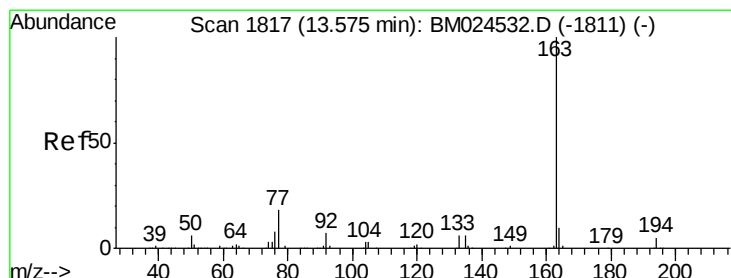
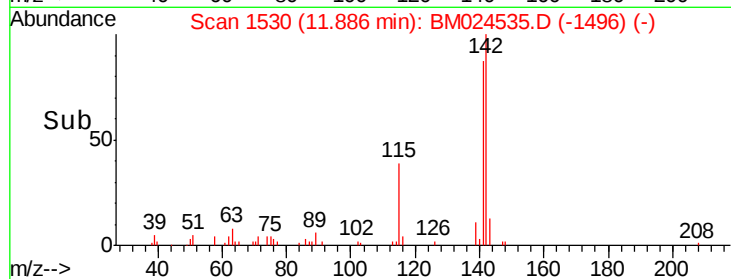
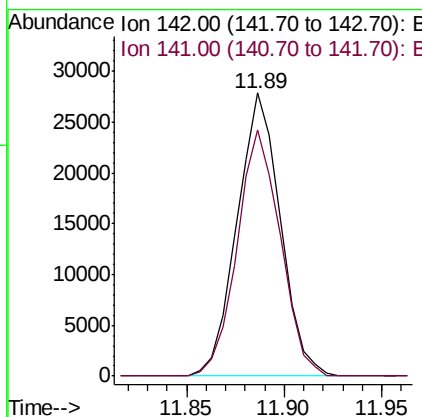
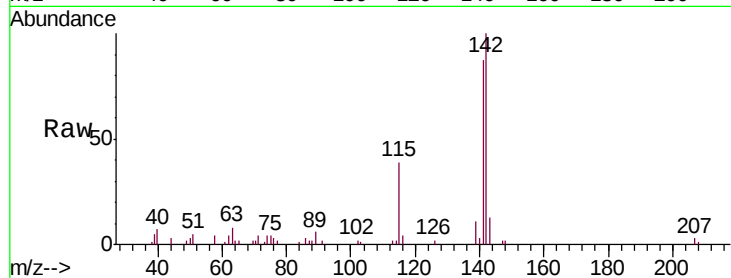




#34
 2-Methylnaphthalene
 Concen: 1.317 ng/ul
 RT: 11.89 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BM024535.D
 Acq: 18 Jan 2020 14:48

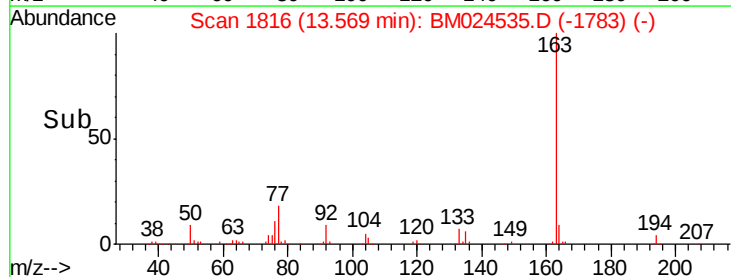
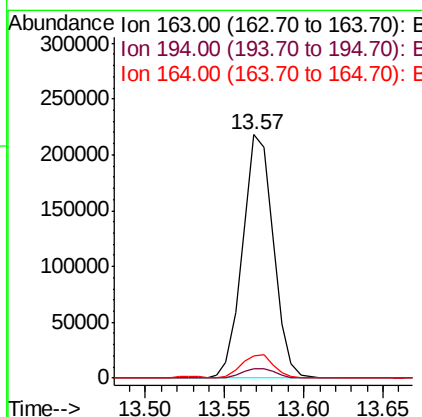
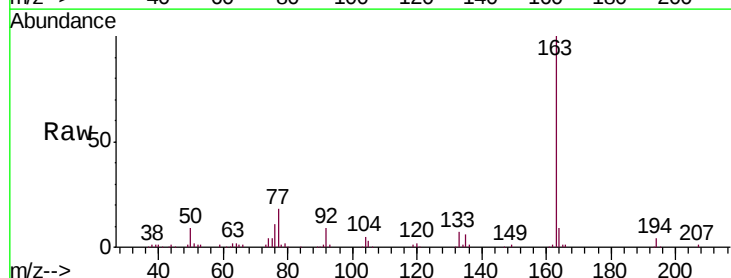
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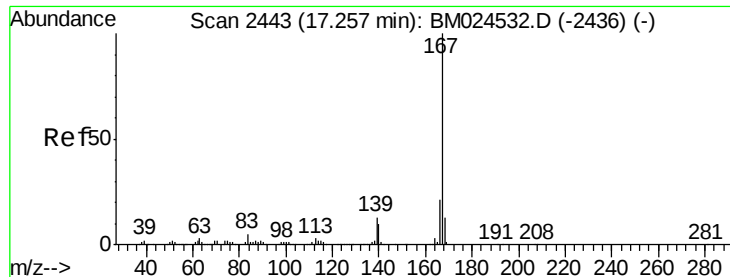
Tgt Ion:142 Resp: 42787
 Ion Ratio Lower Upper
 142 100
 141 87.0 70.4 105.6



#45
 Dimethylphthalate
 Concen: 6.135 ng/ul
 RT: 13.57 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BM024535.D
 Acq: 18 Jan 2020 14:48

Tgt Ion:163 Resp: 293722
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 9.0 8.0 12.0





#75

Carbazole

Concen: 1.160 ng/ul

RT: 17.26 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM024535.D

Acq: 18 Jan 2020 14:48

Instrument :

BNA_M

ClientSampleId :

GASH6

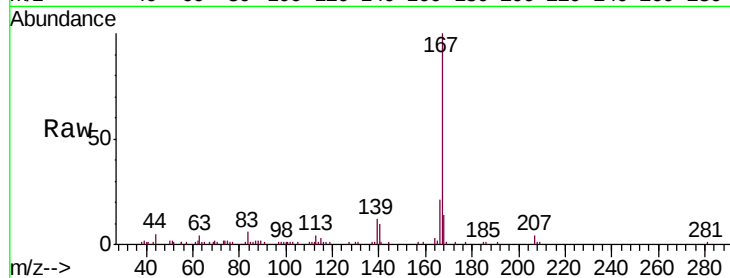
Tgt Ion:167 Resp: 76357

Ion Ratio Lower Upper

167 100

166 20.9 17.1 25.7

139 12.3 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

