

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013772.D
 Acq On : 24 Jan 2018 17:39
 Operator : SJ/JU
 Sample : J1223-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 24 18:25:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 08:36:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	117759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	481010	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.25	164	285894	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.00	188	669932	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	784042	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	739894	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	18197	6.11	ng/uL	0.00
5) Phenol-d5	6.78	99	356623	39.45	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	207992	37.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.13	132	294695	40.01	ng/ul	-0.01
13) 4-Methylphenol-d8	8.31	113	303315	43.65	ng/ul	-0.01
19) Nitrobenzene-d5	8.75	128	150911	40.43	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	166347	42.18	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	307256	40.33	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.52	131	373634	56.52	ng/ul	-0.01
43) Dimethylphthalate-d6	13.67	166	997246	42.32	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	1206302	40.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	142221	37.14	ng/ul	-0.01
57) Fluorene-d10	15.25	176	835008	40.30	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.39	200	129934	32.22	ng/ul	-0.01
70) Anthracene-d10	17.10	188	1323360	40.56	ng/ul	0.00
76) Pyrene-d10	19.40	212	1504065	41.20	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.26	264	1492437	43.89	ng/ul	-0.01

Target Compounds

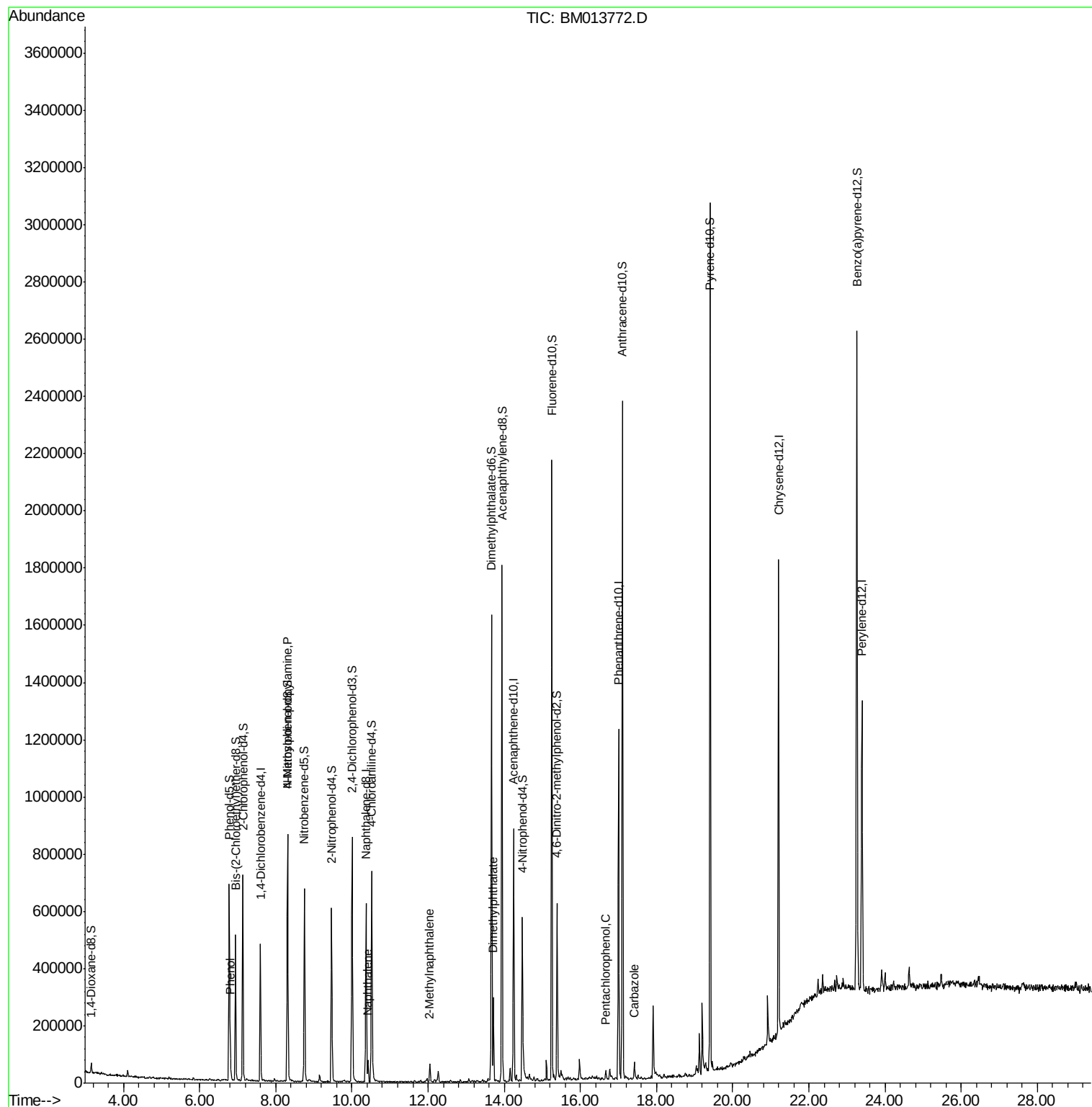
					Ovalue	
6) Phenol	6.81	94	38496	4.246	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.30	70	8917	1.589	ng/ul#	1
28) Naphthalene	10.42	128	52582	2.197	ng/ul#	95
34) 2-Methylnaphthalene	12.05	142	30102	1.687	ng/ul	90
44) Dimethylphthalate	13.72	163	171975	7.423	ng/ul	96
68) Pentachlorophenol	16.66	266	6323	1.397	ng/ul#	87
72) Carbazole	17.42	167	34996	1.104	ng/ul	99

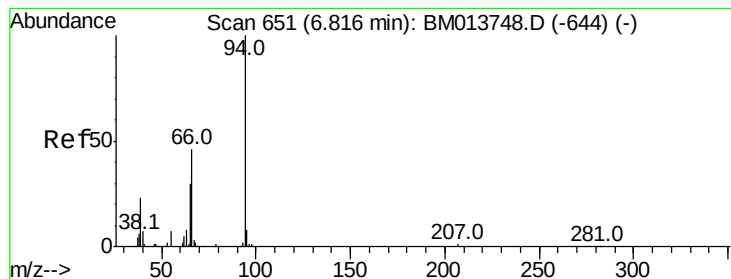
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.246 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013772.D

Acq: 24 Jan 2018 17:39

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BNA_M

ClientSampleId :

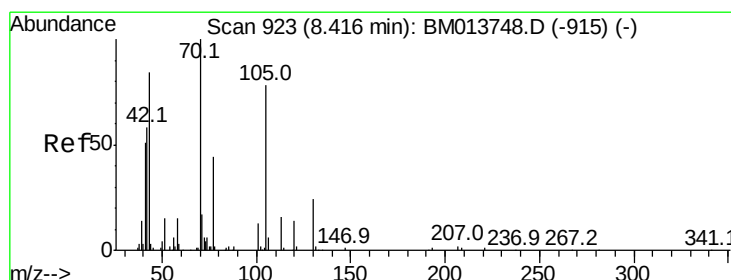
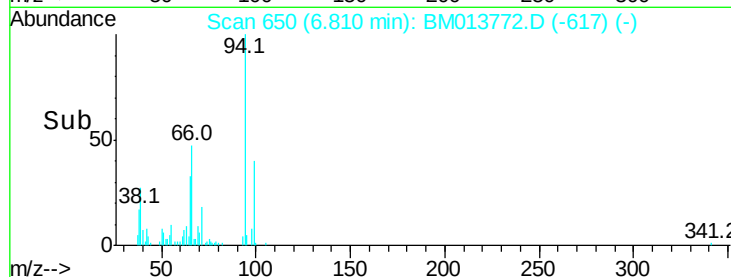
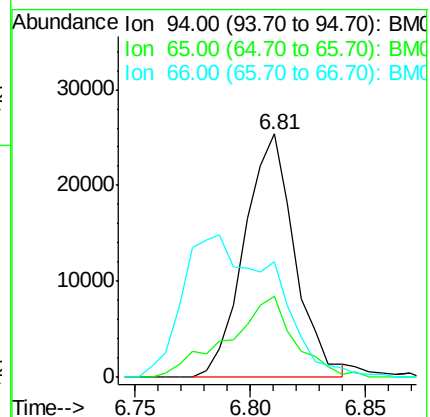
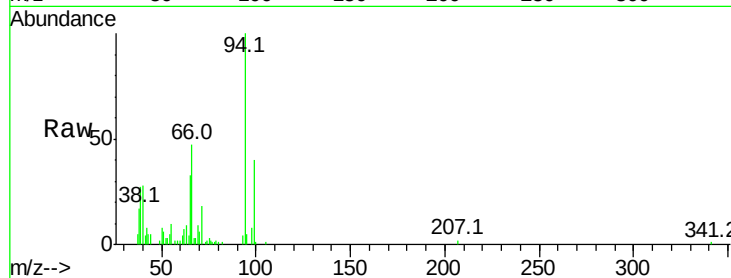
Tot Ion: 94 Resp: 38496

Ion Ratio Lower Upper

94 100

65 33.1 28.2 42.4

66 47.3 47.2 70.8



#15

N-Nitroso-di-n-propylamine

Concen: 1.589 ng/ul

RT: 8.30 min Scan# 904

Delta R.T. -0.11 min

Lab File: BM013772.D

Acq: 24 Jan 2018 17:39

Tgt Ion: 70 Resp: 8917

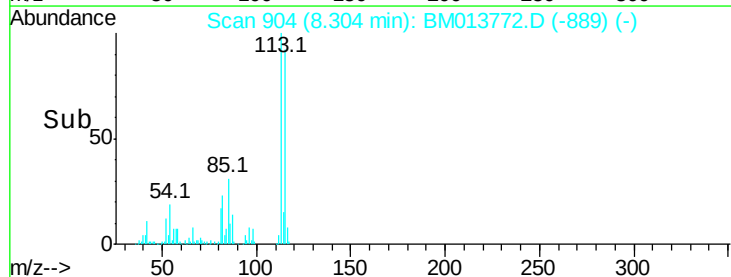
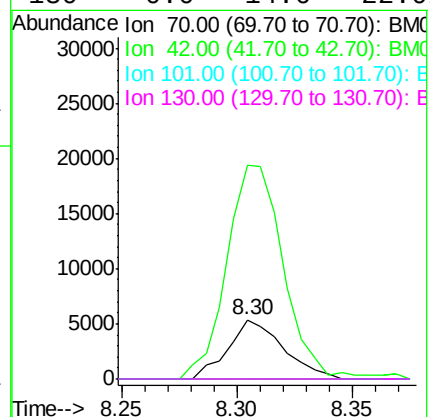
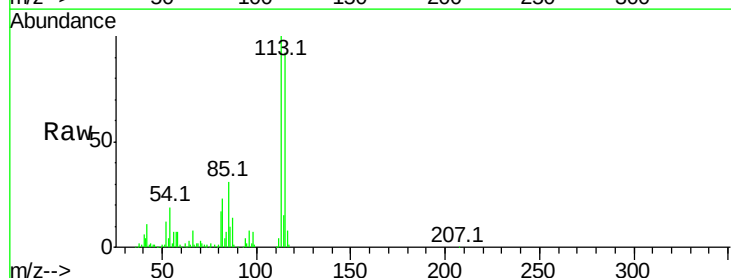
Ion Ratio Lower Upper

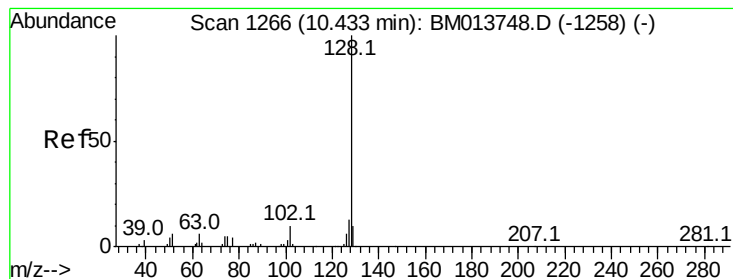
70 100

42 361.7 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#





#28

Naphthalene

Concen: 2.197 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM013772.D

Acq: 24 Jan 2018 17:39

Instrument :

BNA_M

ClientSampleId :

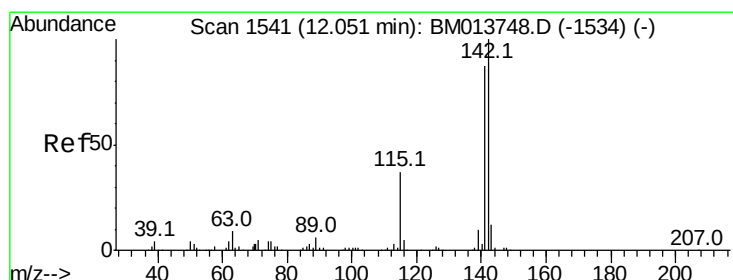
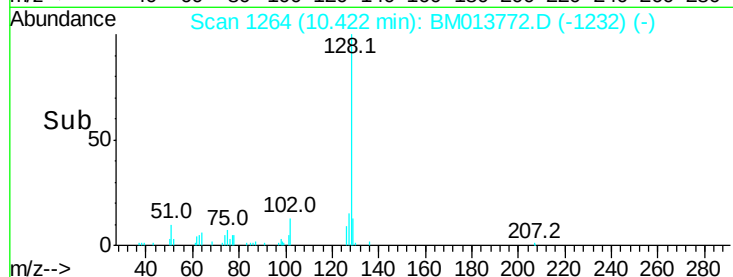
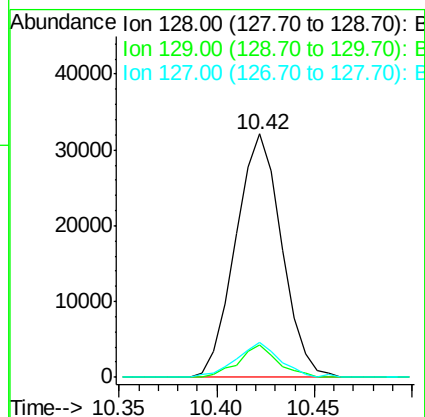
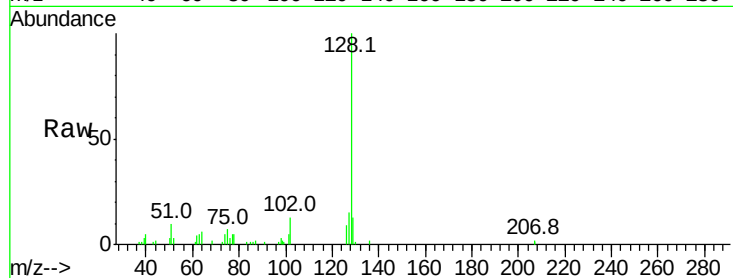
Tot Ion:128 Resp: 52582

Ion Ratio Lower Upper

128 100

129 13.4 8.8 13.2#

127 14.5 10.6 16.0



#34

2-Methylnaphthalene

Concen: 1.687 ng/ul

RT: 12.05 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BM013772.D

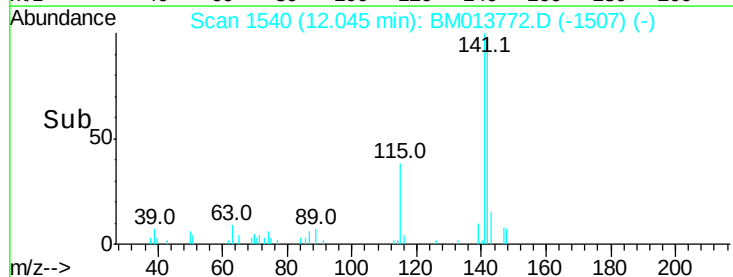
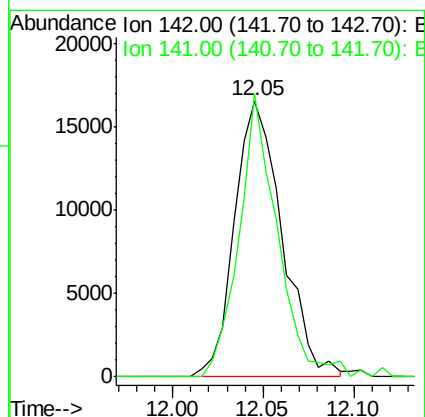
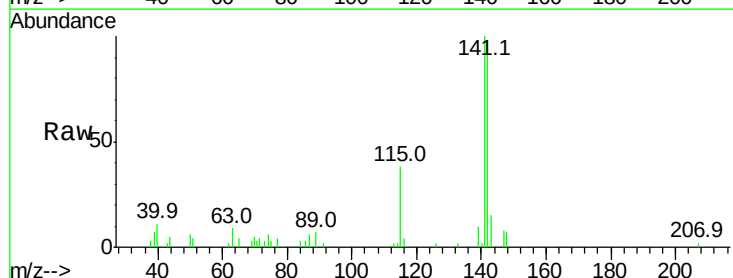
Acq: 24 Jan 2018 17:39

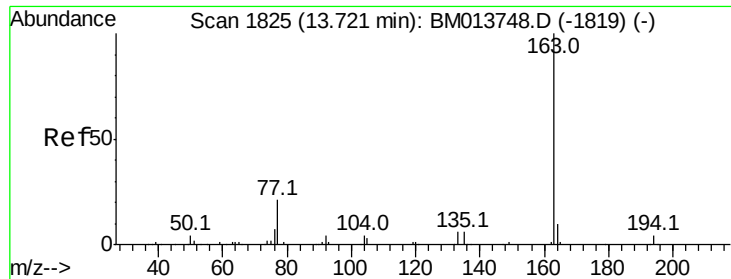
Tgt Ion:142 Resp: 30102

Ion Ratio Lower Upper

142 100

141 102.5 74.1 111.1





#44

Dimethylphthalate

Concen: 7.423 ng/ul

RT: 13.72 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BM013772.D

Acq: 24 Jan 2018 17:39

Instrument :

BNA_M

ClientSampleId :

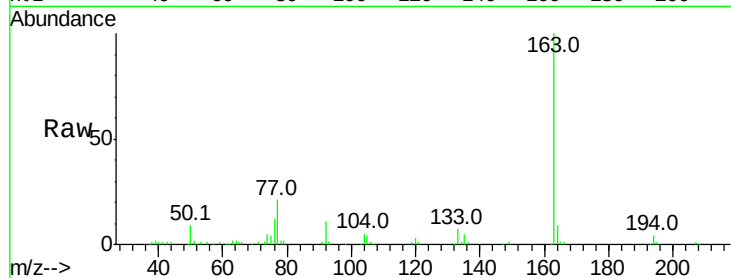
Tot Ion:163 Resp: 171975

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

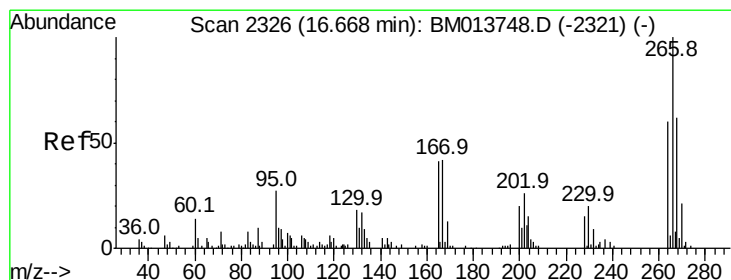
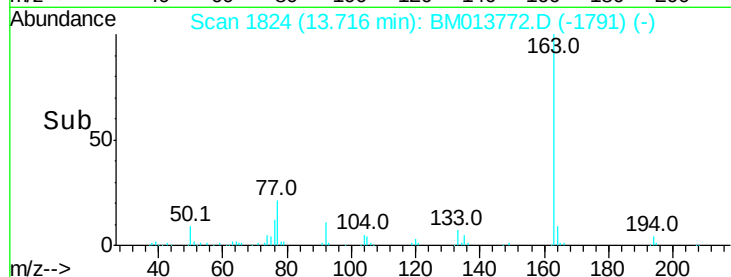
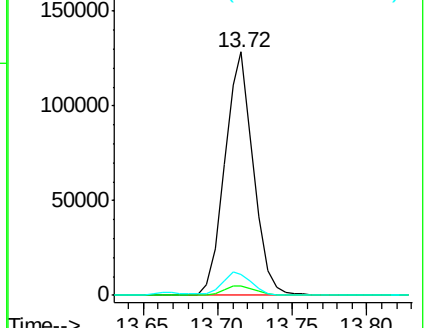
164 8.6 8.2 12.4



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



#68

Pentachlorophenol

Concen: 1.397 ng/ul

RT: 16.66 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM013772.D

Acq: 24 Jan 2018 17:39

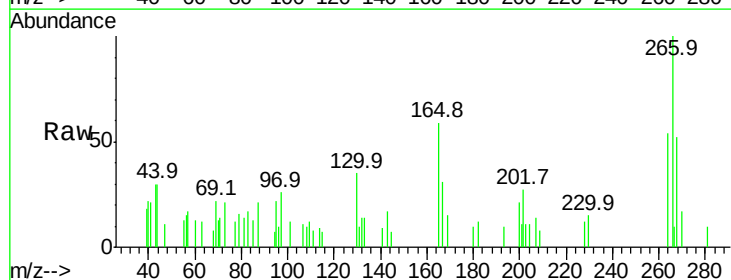
Tgt Ion:266 Resp: 6323

Ion Ratio Lower Upper

266 100

264 54.1 49.3 73.9

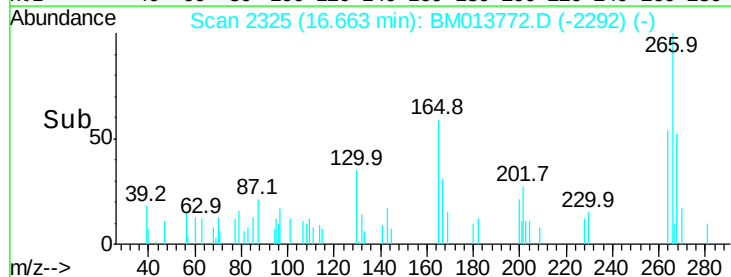
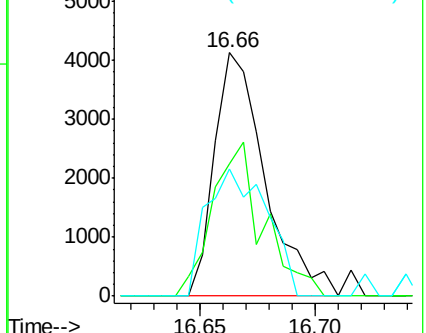
268 52.5 52.6 78.8#

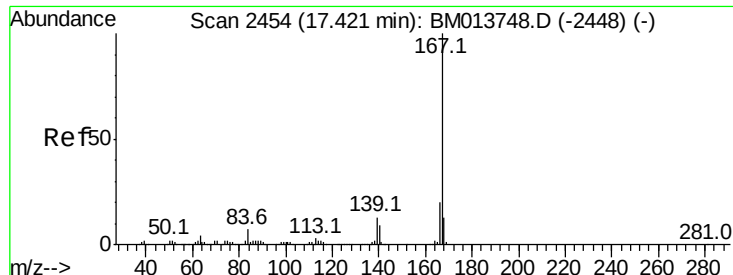


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Carbazole

Concen: 1.104 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM013772.D

Acq: 24 Jan 2018 17:39

Instrument :

BNA_M

ClientSampleId :

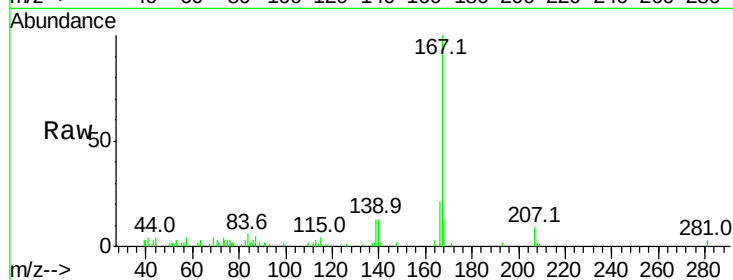
Tot Ion:167 Resp: 34996

Ion Ratio Lower Upper

167 100

166 20.7 17.1 25.7

139 12.5 10.0 15.0



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

