

Data File : BM017832.D
Acq On : 30 Nov 2018 20:11
Operator : JU/SJ
Sample : J6096-10MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4158MSD

Quant Time: Nov 30 23:29:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 30 23:26:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	200348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	878041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	493026	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1013953	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	755294	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	743171	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	7309	1.67	ng/uL	0.00
5) Phenol-d5	6.77	99	140870	7.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	404708	36.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	443326	30.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	266190	17.81	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	272589	40.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	314613	40.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	504472	34.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	132	0.01	ng/ul	0.04
43) Dimethylphthalate-d6	13.65	166	1706566	39.89	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2115178	40.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	42666	5.49	ng/ul	0.00
57) Fluorene-d10	15.23	176	1453454	39.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	263858	36.40	ng/ul	0.00
70) Anthracene-d10	17.09	188	2089190	41.38	ng/ul	0.00
78) Pyrene-d10	19.39	212	1931041	52.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	1659640	41.18	ng/ul	-0.01

Target Compounds

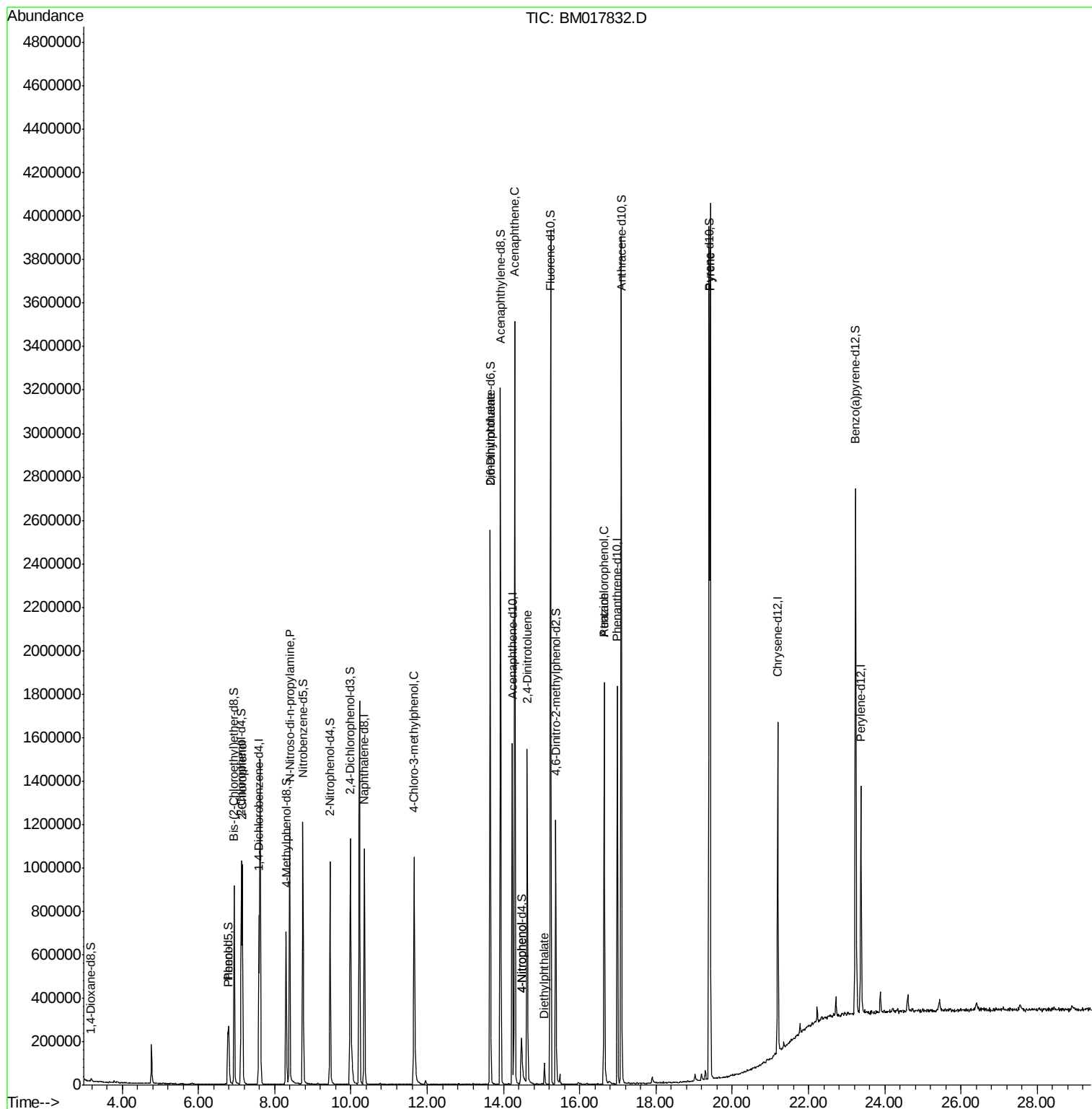
					Qvalue
6) Phenol	6.80	94	141626	7.754	ng/ul 98
10) 2-Chlorophenol	7.15	128	421116	29.440	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.39	70	432201	35.560	ng/ul 98
33) 4-Chloro-3-methylphenol	11.66	107	455214	28.856	ng/ul 98
45) 2,6-Dinitrotoluene	13.66	165	11178	1.373	ng/ul# 39
49) Acenaphthene	14.30	153	1338476	38.410	ng/ul 99
52) 4-Nitrophenol	14.47	109	35917	5.615	ng/ul 88
54) 2,4-Dinitrotoluene	14.62	165	455324	36.926	ng/ul 90
56) Diethylphthalate	15.07	149	52638	1.233	ng/ul 97
67) Atrazine	16.64	200	45982	3.971	ng/ul# 36
68) Pentachlorophenol	16.64	266	313307	39.103	ng/ul 99
79) Pyrene	19.42	202	2305042	50.274	ng/ul 99

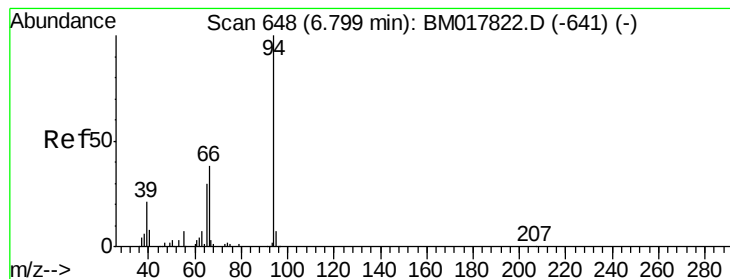
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.754 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017832.D

Acq: 30 Nov 2018 20:11

Instrument :

BNA_M

ClientSampleId :

A4158MSD

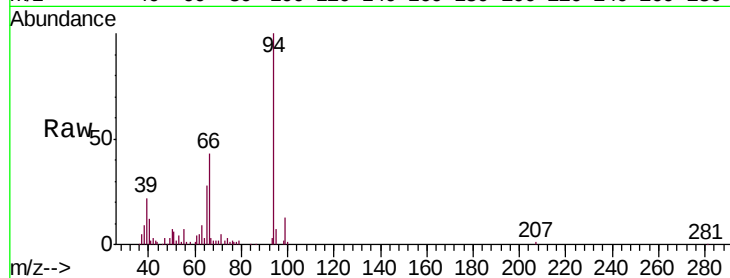
Tgt Ion: 94 Resp: 141626

Ion Ratio Lower Upper

94 100

65 28.5 24.7 37.1

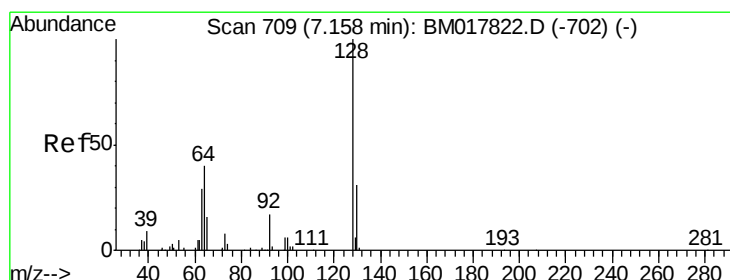
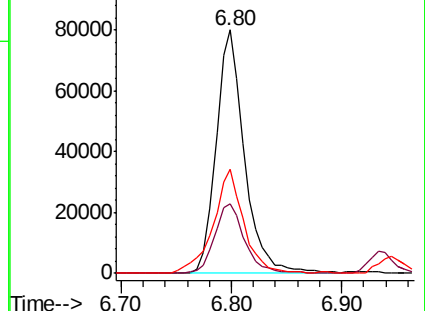
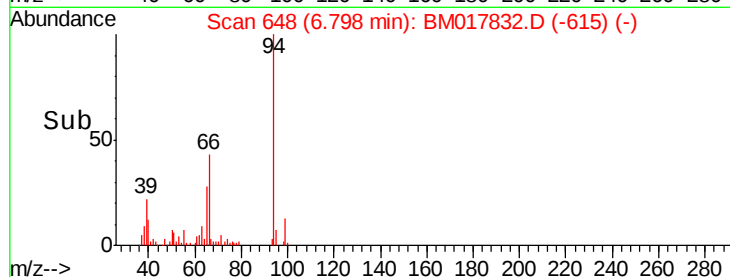
66 42.6 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM017832.D (-615) (-)

Ion 65.00 (64.70 to 65.70): BM017832.D (-615) (-)

Ion 66.00 (65.70 to 66.70): BM017832.D (-615) (-)



#10

2-Chlorophenol

Concen: 29.440 ng/ul

RT: 7.15 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM017832.D

Acq: 30 Nov 2018 20:11

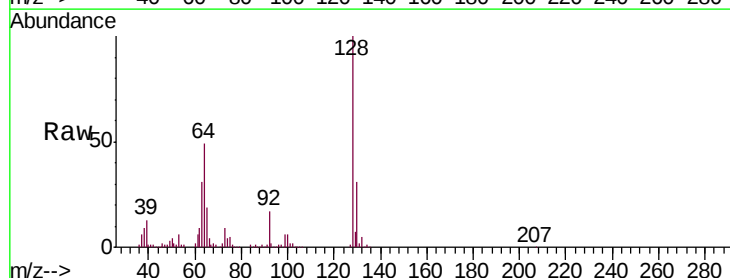
Tgt Ion: 128 Resp: 421116

Ion Ratio Lower Upper

128 100

64 48.7 36.8 55.2

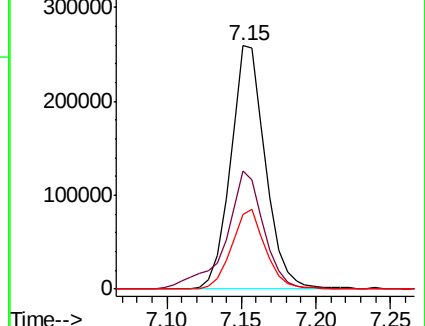
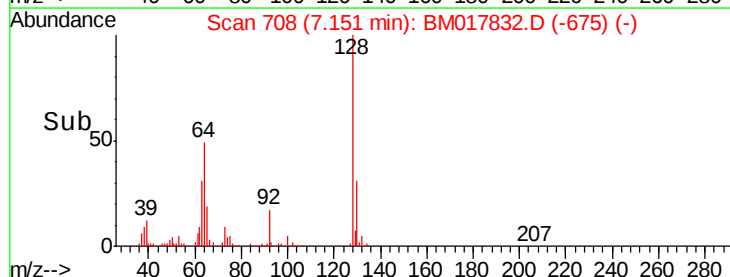
130 30.8 25.0 37.4

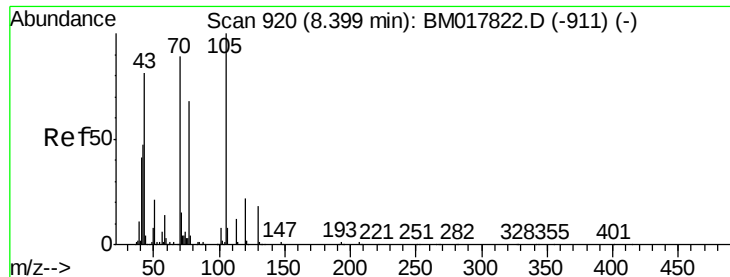


Abundance Ion 128.00 (127.70 to 128.70): BM017832.D (-675) (-)

Ion 64.00 (63.70 to 64.70): BM017832.D (-675) (-)

Ion 130.00 (129.70 to 130.70): BM017832.D (-675) (-)

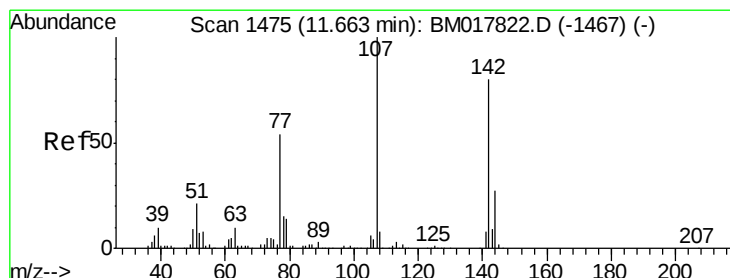
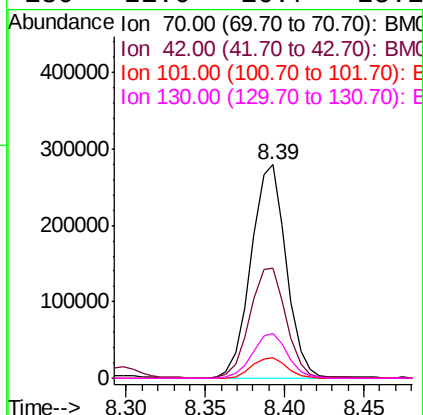
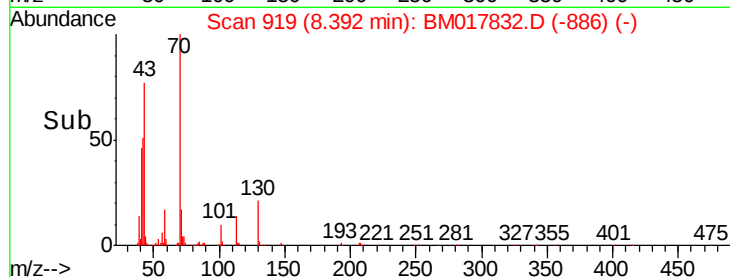
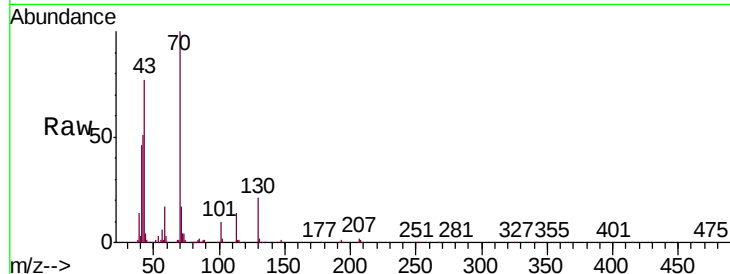




#15
N-Nitroso-di-n-propylamine
Concen: 35.560 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM017832.D
Acq: 30 Nov 2018 20:11

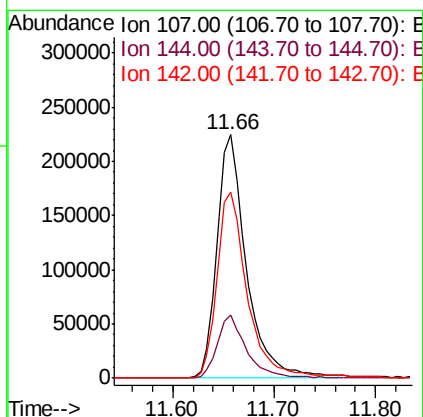
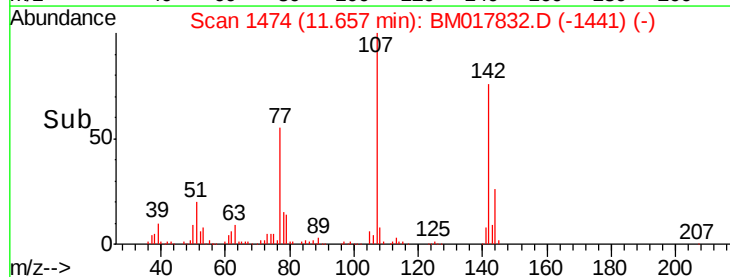
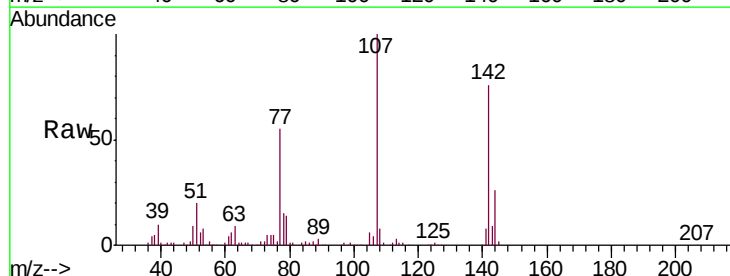
Instrument :
BNA_M
ClientSampleId :
A4158MSD

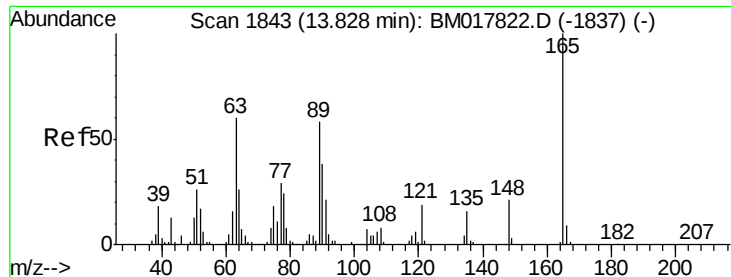
Tgt Ion:	70	Resp:	432201
Ion	Ratio	Lower	Upper
70	100		
42	51.4	42.7	64.1
101	9.6	7.6	11.4
130	21.0	16.7	25.1



#33
4-Chloro-3-methylphenol
Concen: 28.856 ng/ul
RT: 11.66 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BM017832.D
Acq: 30 Nov 2018 20:11

Tgt Ion:	107	Resp:	455214
Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.1	31.7
142	76.5	63.0	94.6

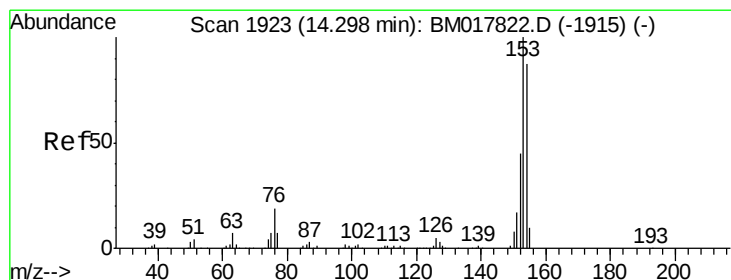
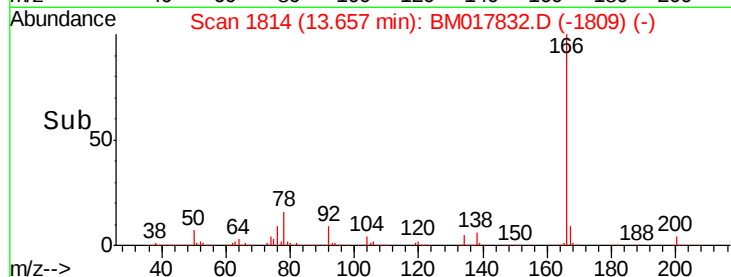
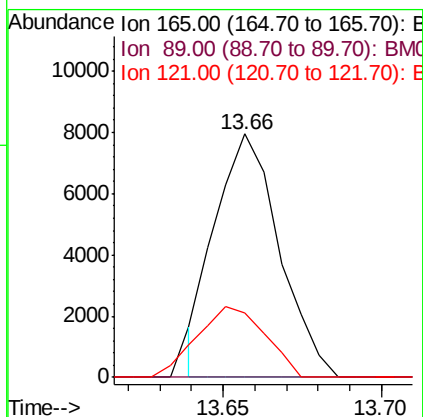
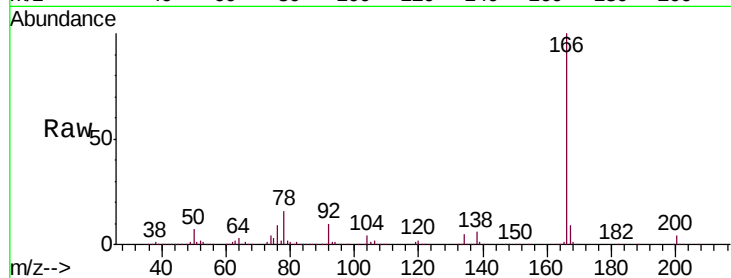




#45
 2,6-Dinitrotoluene
 Concen: 1.373 ng/ul
 RT: 13.66 min Scan# 1814
 Delta R.T. -0.17 min
 Lab File: BM017832.D
 Acq: 30 Nov 2018 20:11

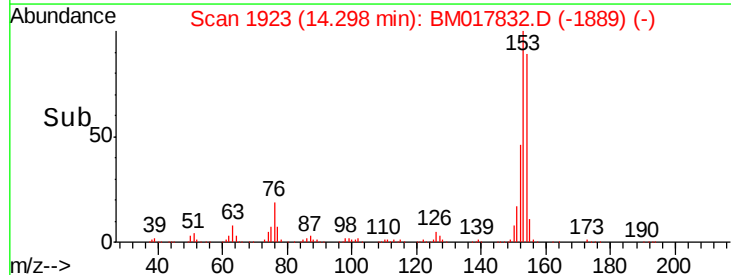
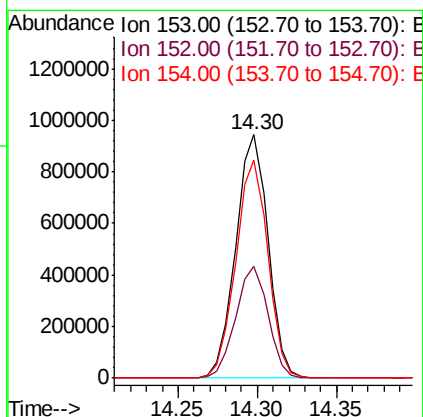
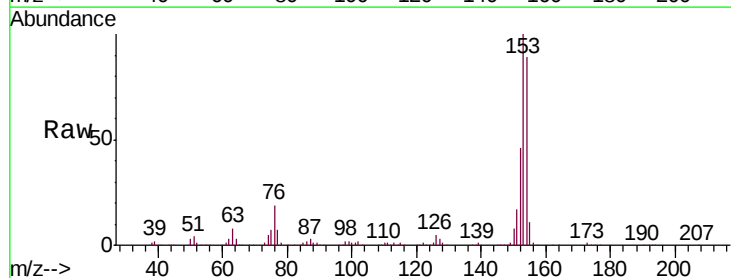
Instrument :
 BNA_M
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 A4158MSD

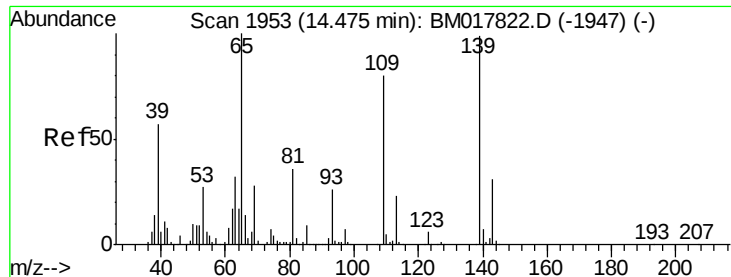
Tgt Ion:165 Resp: 11178
 Ion Ratio Lower Upper
 165 100
 89 0.0 48.0 72.0#
 121 26.5 17.0 25.6#



#49
 Acenaphthene
 Concen: 38.410 ng/ul
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BM017832.D
 Acq: 30 Nov 2018 20:11

Tgt Ion:153 Resp: 1338476
 Ion Ratio Lower Upper
 153 100
 152 46.1 37.0 55.6
 154 89.3 70.6 106.0





#52

4-Nitrophenol

Concen: 5.615 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM017832.D

Acq: 30 Nov 2018 20:11

Instrument :

BNA_M

ClientSampleId :

A4158MSD

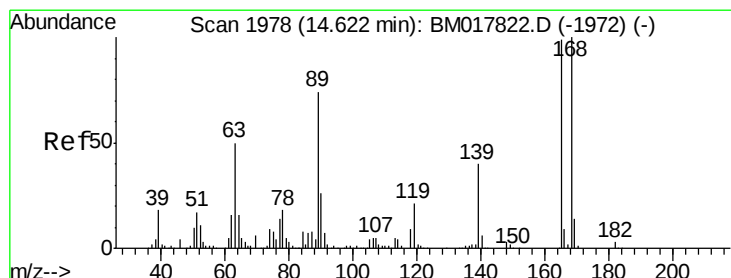
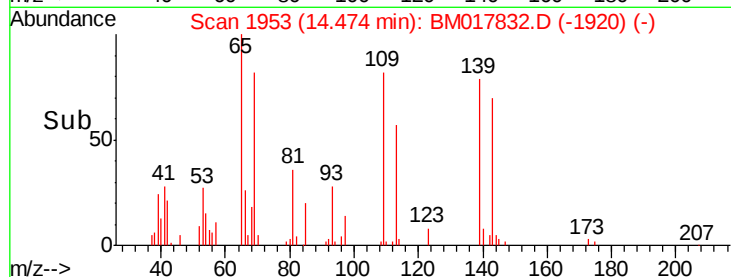
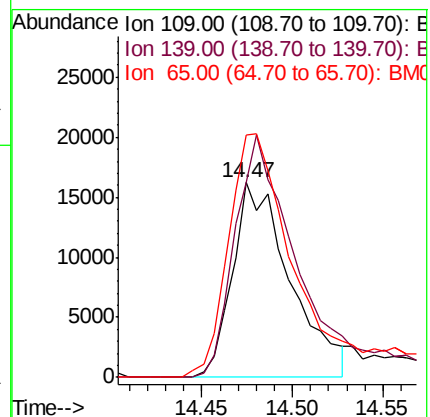
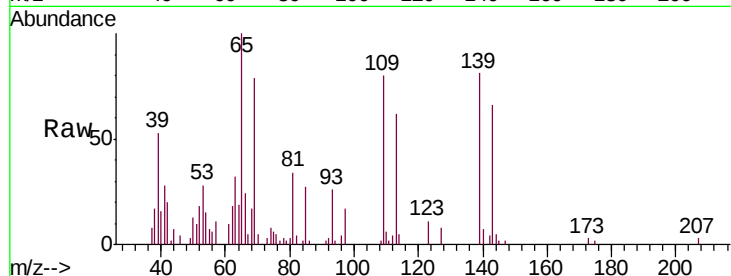
Tgt Ion:109 Resp: 35917

Ion Ratio Lower Upper

109 100

139 100.5 97.4 146.0

65 124.5 104.5 156.7



#54

2,4-Dinitrotoluene

Concen: 36.926 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM017832.D

Acq: 30 Nov 2018 20:11

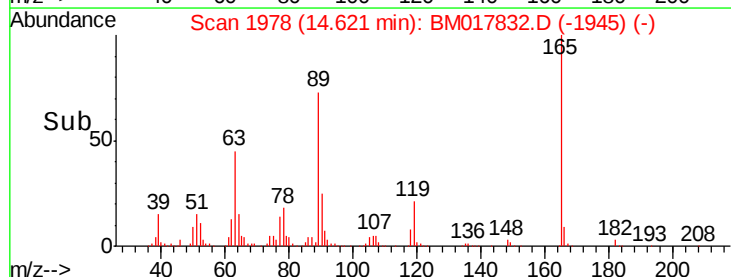
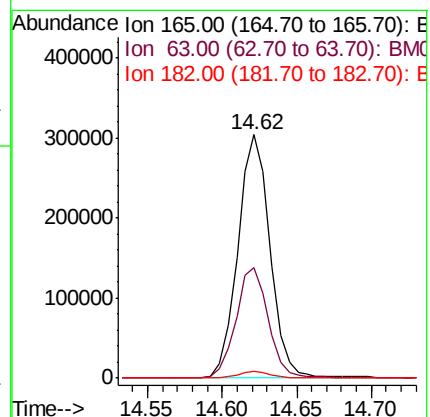
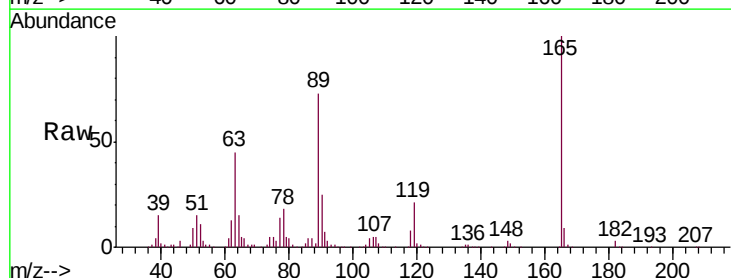
Tgt Ion:165 Resp: 455324

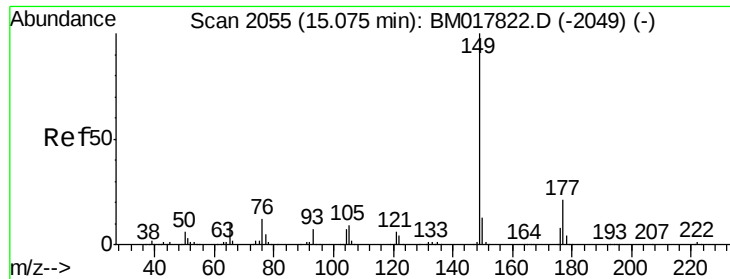
Ion Ratio Lower Upper

165 100

63 45.2 41.8 62.8

182 3.0 2.2 3.2





#56

Diethylphthalate

Concen: 1.233 ng/ul

RT: 15.07 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BM017832.D

Acq: 30 Nov 2018 20:11

Instrument :

BNA_M

ClientSampled :

A4158MSD

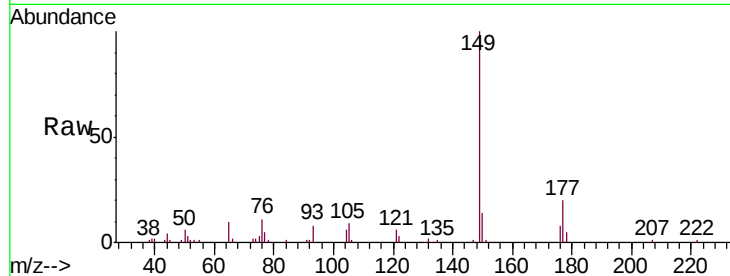
Tgt Ion:149 Resp: 52638

Ion Ratio Lower Upper

149 100

177 19.7 17.0 25.6

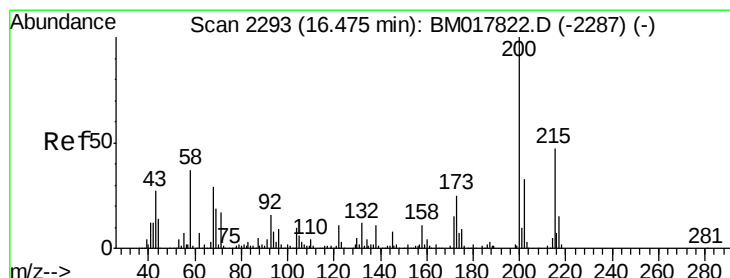
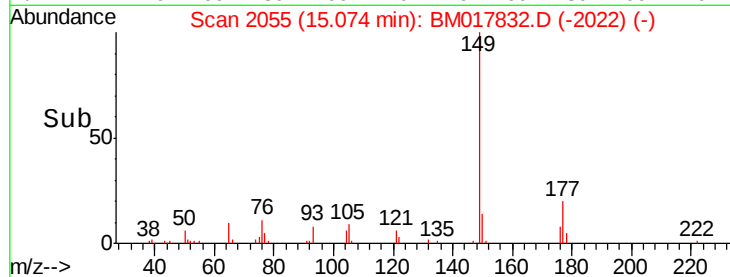
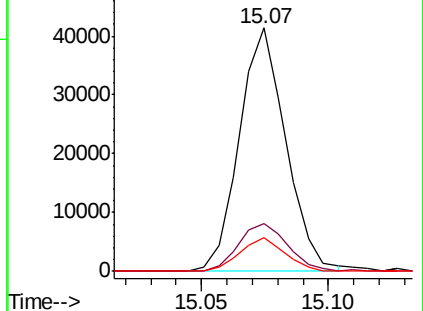
150 13.7 10.0 15.0



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



#67

Atrazine

Concen: 3.971 ng/ul

RT: 16.64 min Scan# 2321

Delta R.T. 0.16 min

Lab File: BM017832.D

Acq: 30 Nov 2018 20:11

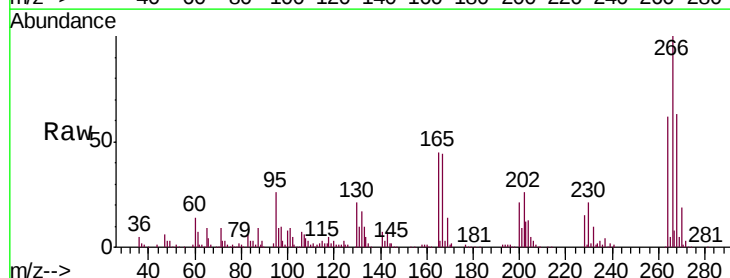
Tgt Ion:200 Resp: 45982

Ion Ratio Lower Upper

200 100

173 0.0 21.0 31.6#

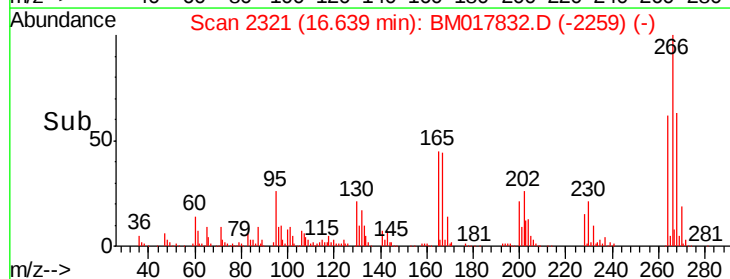
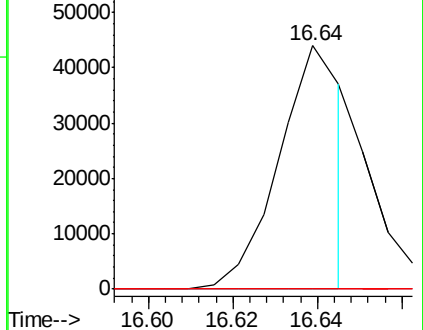
215 0.0 38.2 57.2#

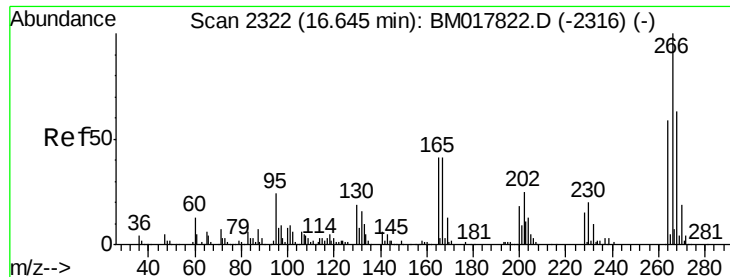


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

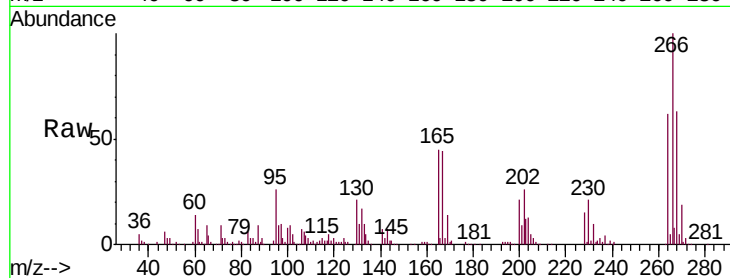




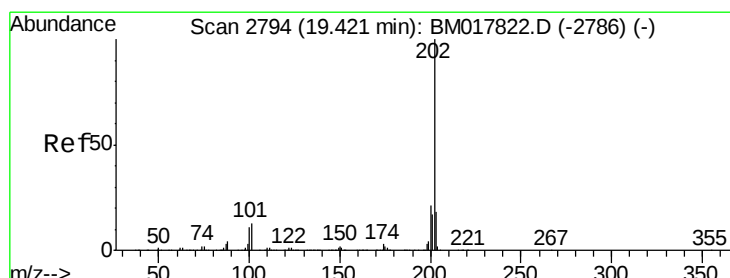
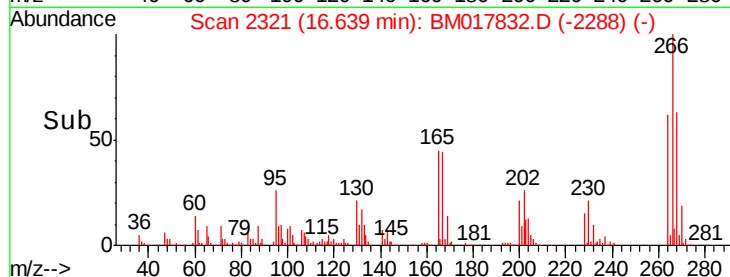
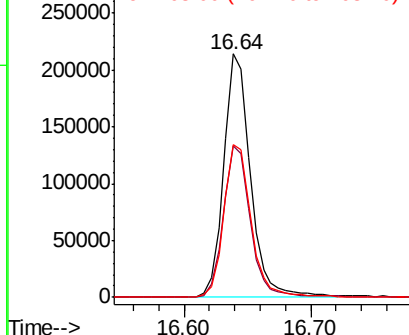
#68
 Pentachlorophenol
 Concen: 39.103 ng/ul
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM017832.D
 Acq: 30 Nov 2018 20:11

Instrument :
 BNA_M
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 A4158MSD

Tgt Ion:266 Resp: 313307
 Ion Ratio Lower Upper
 266 100
 264 62.1 50.2 75.2
 268 62.8 49.8 74.8

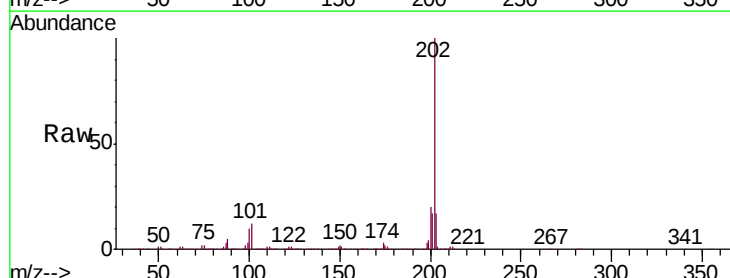


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 50.274 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BM017832.D
 Acq: 30 Nov 2018 20:11

Tgt Ion:202 Resp: 2305042
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.6 14.4
 100 10.4 7.9 11.9



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

