

Data File : BM017831.D
Acq On : 30 Nov 2018 19:34
Operator : JU/SJ
Sample : J6096-09MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4158MS

Quant Time: Nov 30 23:29:08 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	214417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	948759	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	527349	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1092104	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	820237	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	776176	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	7030	1.50	ng/uL	0.00
5) Phenol-d5	6.77	99	137565	7.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	352711	29.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	396639	25.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	249513	15.59	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	243652	33.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	271109	32.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	450364	28.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	974	0.07	ng/ul	0.04
43) Dimethylphthalate-d6	13.65	166	1539097	33.64	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1864462	33.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	49446	5.94	ng/ul	0.00
57) Fluorene-d10	15.23	176	1307372	33.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	241686	30.96	ng/ul	0.00
70) Anthracene-d10	17.09	188	1887731	34.72	ng/ul	0.00
78) Pyrene-d10	19.39	212	1745419	43.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1498197	35.59	ng/ul	0.00

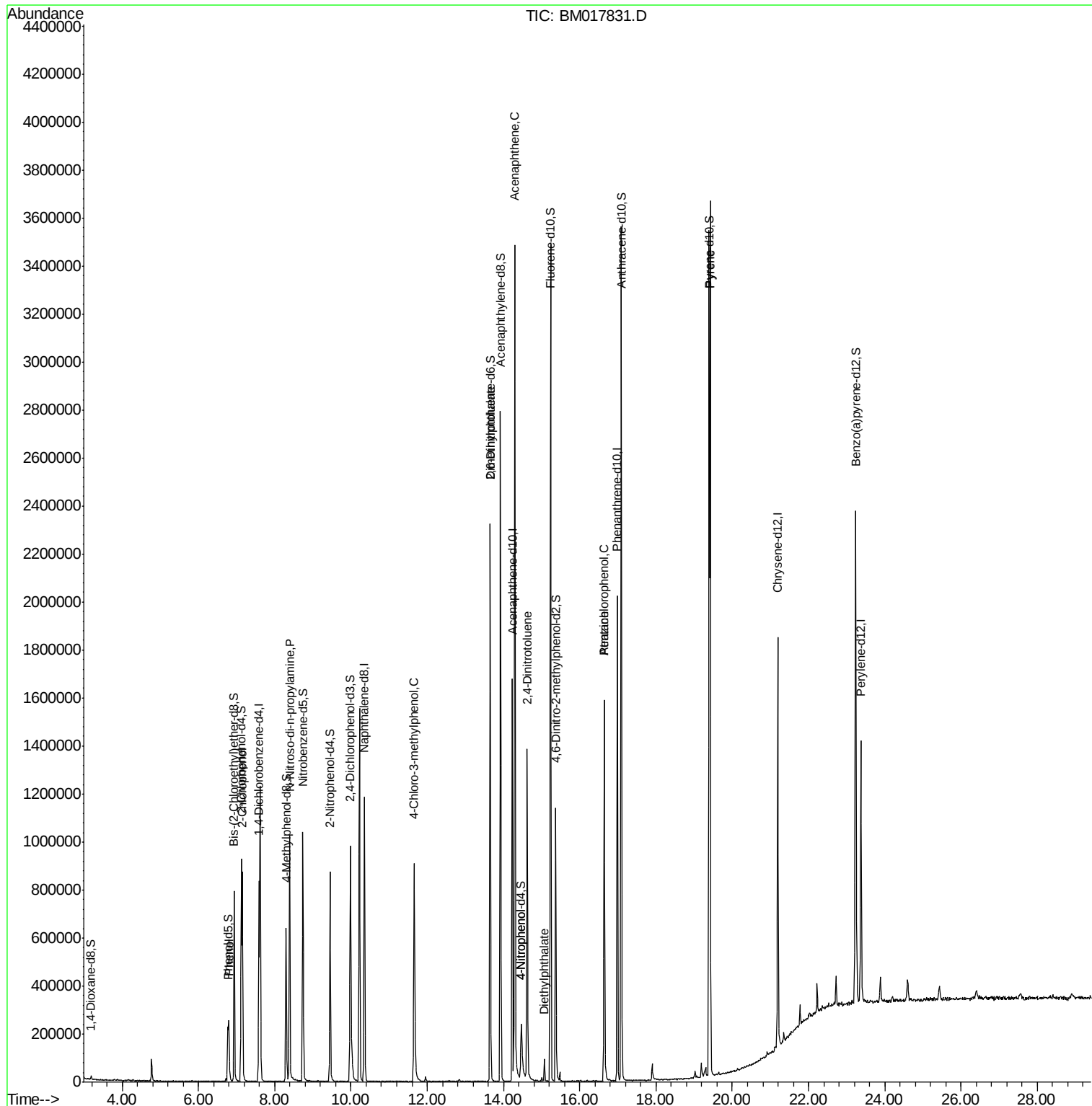
Target Compounds				Qvalue		
6) Phenol	6.80	94	135550	6.935	ng/ul	96
10) 2-Chlorophenol	7.16	128	369185	24.116	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	373996	28.752	ng/ul	99
33) 4-Chloro-3-methylphenol	11.66	107	400952	23.522	ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	10524	1.208	ng/ul#	30
49) Acenaphthene	14.30	153	1169000	31.363	ng/ul	99
52) 4-Nitrophenol	14.47	109	36459	5.328	ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	403339	30.581	ng/ul	90
56) Diethylphthalate	15.07	149	47465	1.039	ng/ul#	94
67) Atrazine	16.64	200	39337	3.154	ng/ul#	36
68) Pentachlorophenol	16.64	266	279379	32.374	ng/ul	99
79) Pyrene	19.42	202	2062860	41.429	ng/ul	98

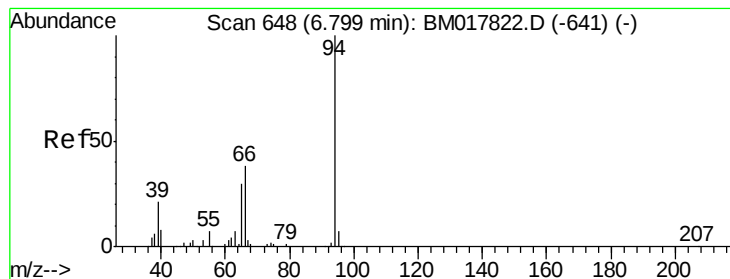
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.935 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017831.D

Acq: 30 Nov 2018 19:34

Instrument :

BNA_M

ClientSampled :

A4158MS

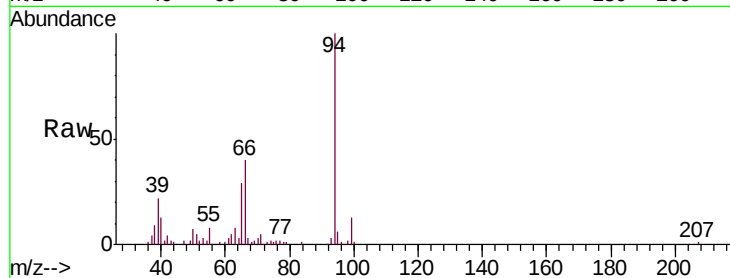
Tgt Ion: 94 Resp: 135550

Ion Ratio Lower Upper

94 100

65 28.7 24.7 37.1

66 40.3 34.6 51.8

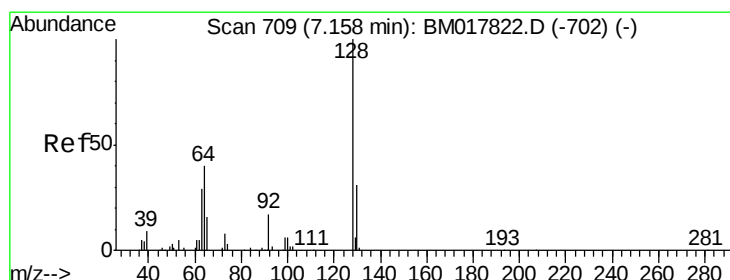
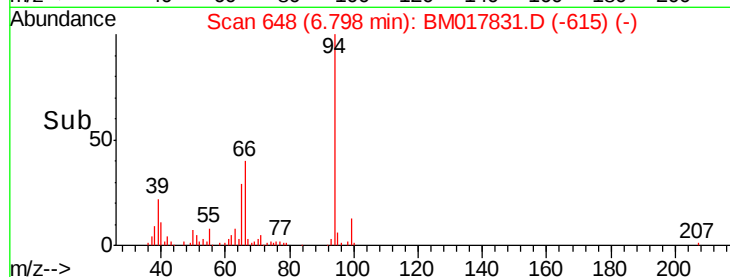
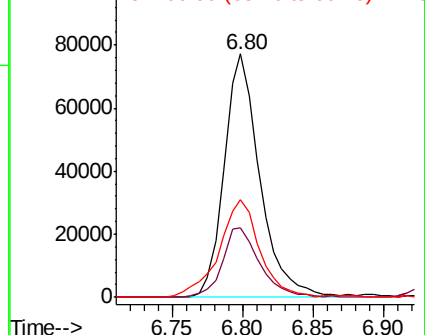


Abundance

Ion 94.00 (93.70 to 94.70): BM017822.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM017822.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM017822.D (-641) (-)



#10

2-Chlorophenol

Concen: 24.116 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM017831.D

Acq: 30 Nov 2018 19:34

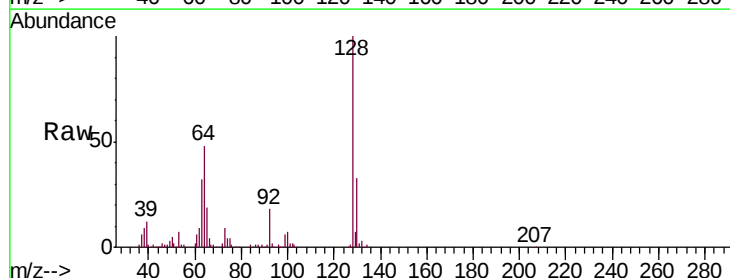
Tgt Ion: 128 Resp: 369185

Ion Ratio Lower Upper

128 100

64 48.0 36.8 55.2

130 33.3 25.0 37.4

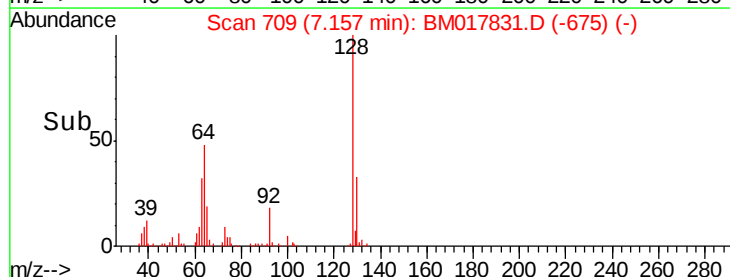
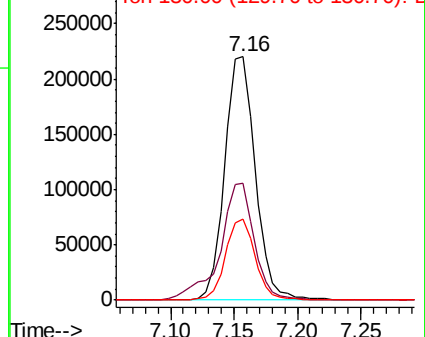


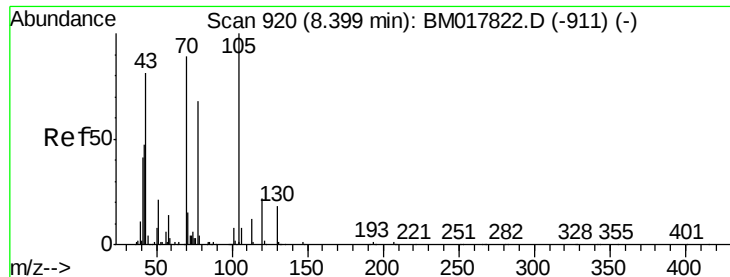
Abundance

Ion 128.00 (127.70 to 128.70): BM017822.D (-702) (-)

Ion 64.00 (63.70 to 64.70): BM017822.D (-702) (-)

Ion 130.00 (129.70 to 130.70): BM017822.D (-702) (-)

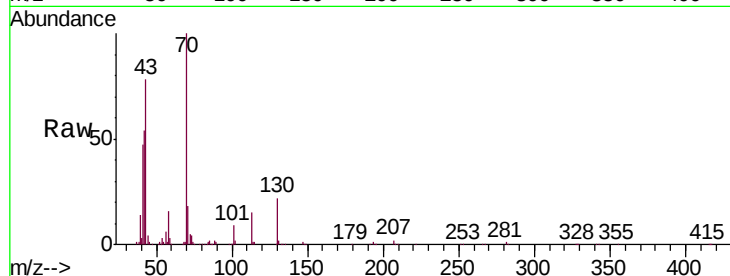




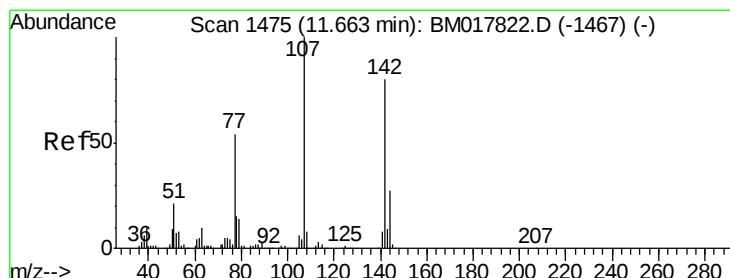
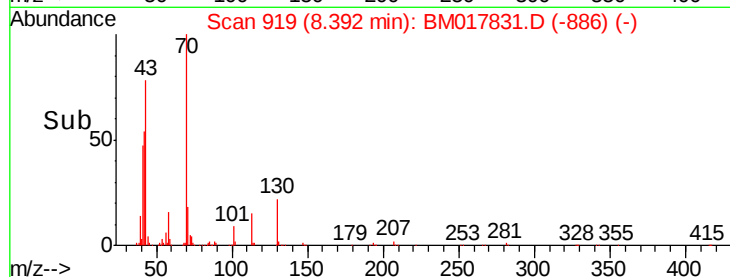
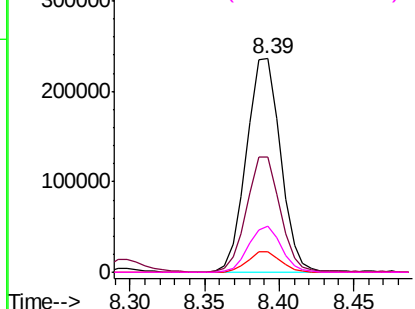
#15
N-Nitroso-di-n-propylamine
Concen: 28.752 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM017831.D
Acq: 30 Nov 2018 19:34

Instrument :
BNA_M
ClientSampleId :
A4158MS

Tgt Ion:	70	Resp:	373996
Ion	Ratio	Lower	Upper
70	100		
42	54.0	42.7	64.1
101	9.4	7.6	11.4
130	21.8	16.7	25.1

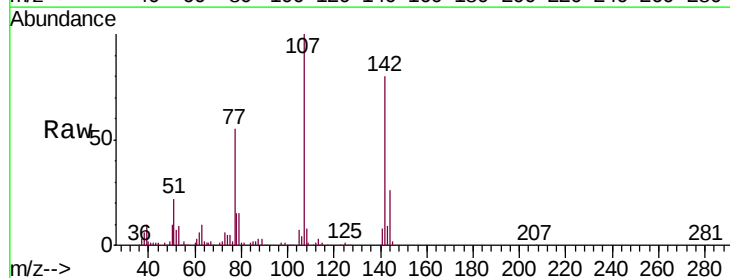


Abundance Ion 70.00 (69.70 to 70.70): BM017822.D (-911) (-)
Ion 42.00 (41.70 to 42.70): BM017822.D (-911) (-)
Ion 101.00 (100.70 to 101.70): BM017822.D (-911) (-)
Ion 130.00 (129.70 to 130.70): BM017822.D (-911) (-)

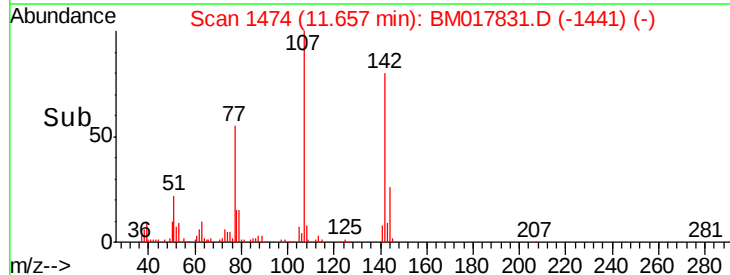
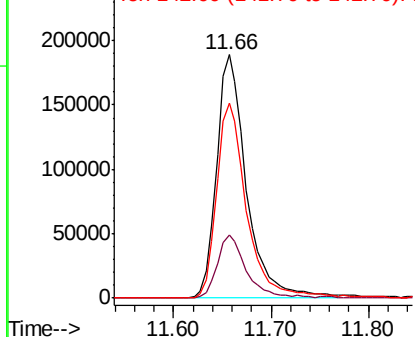


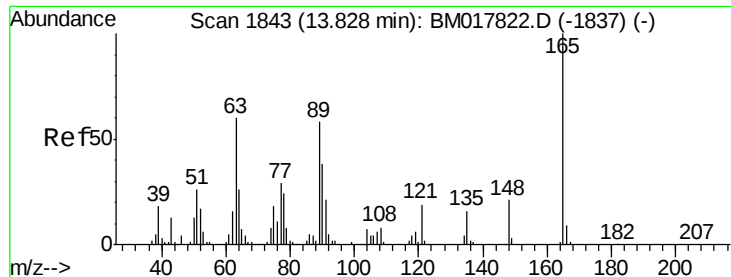
#33
4-Chloro-3-methylphenol
Concen: 23.522 ng/ul
RT: 11.66 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BM017831.D
Acq: 30 Nov 2018 19:34

Tgt Ion:	107	Resp:	400952
Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.1	31.7
142	80.1	63.0	94.6



Abundance Ion 107.00 (106.70 to 107.70): BM017822.D (-1467) (-)
Ion 144.00 (143.70 to 144.70): BM017822.D (-1467) (-)
Ion 142.00 (141.70 to 142.70): BM017822.D (-1467) (-)

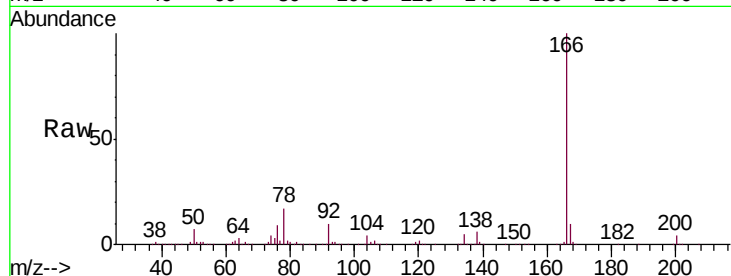




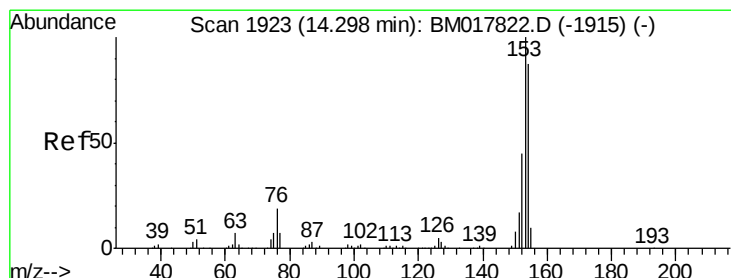
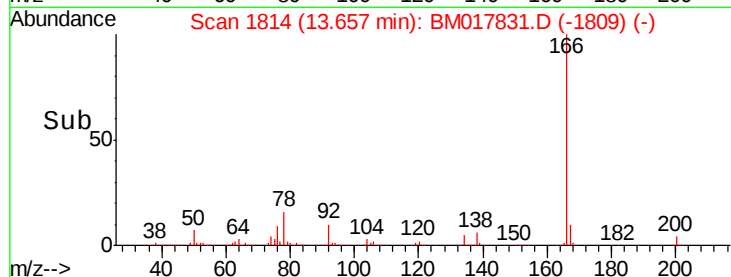
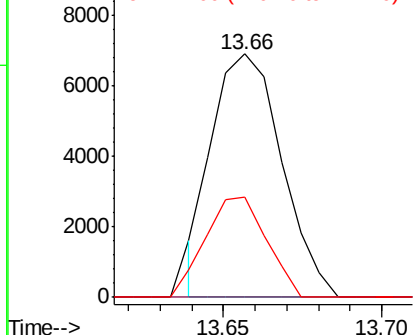
#45
 2,6-Dinitrotoluene
 Concen: 1.208 ng/ul
 RT: 13.66 min Scan# 1814
 Delta R.T. -0.17 min
 Lab File: BM017831.D
 Acq: 30 Nov 2018 19:34

Instrument :
 BNA_M
 ClientSampleId :
 A4158MS

Tgt Ion:165 Resp: 10524
 Ion Ratio Lower Upper
 165 100
 89 0.0 48.0 72.0#
 121 41.0 17.0 25.6#

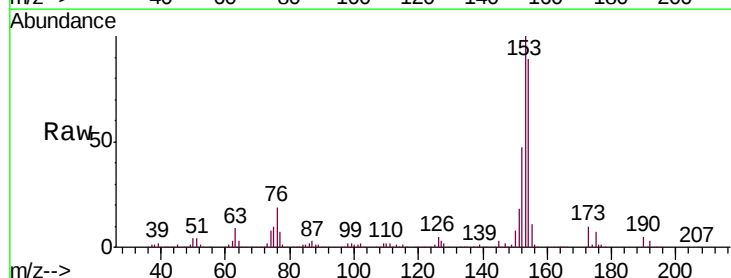


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM017822.D (-1837) (-)
 Ion 121.00 (120.70 to 121.70): E

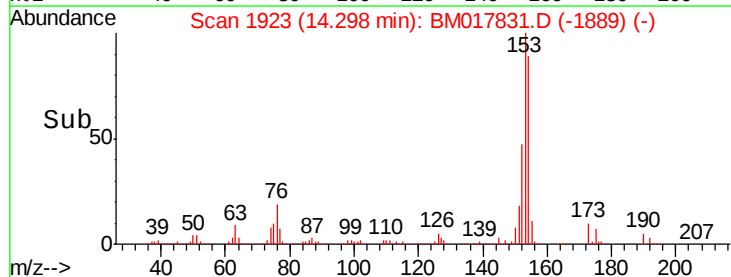
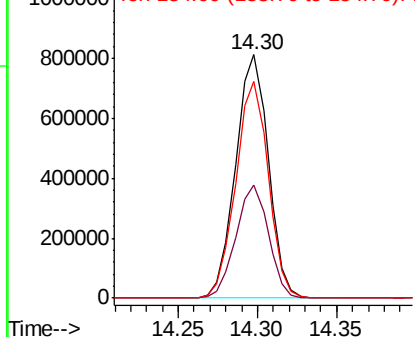


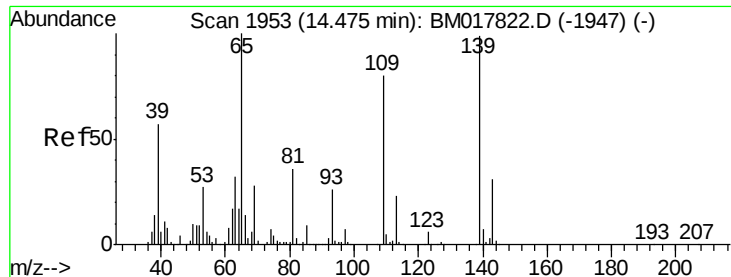
#49
 Acenaphthene
 Concen: 31.363 ng/ul
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BM017831.D
 Acq: 30 Nov 2018 19:34

Tgt Ion:153 Resp: 1169000
 Ion Ratio Lower Upper
 153 100
 152 46.6 37.0 55.6
 154 89.2 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 5.328 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM017831.D

Acq: 30 Nov 2018 19:34

Instrument :

BNA_M

ClientSampleId :

A4158MS

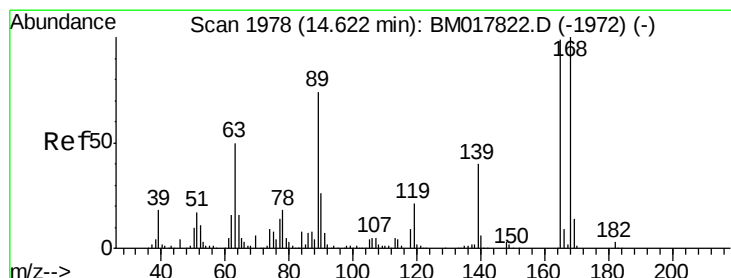
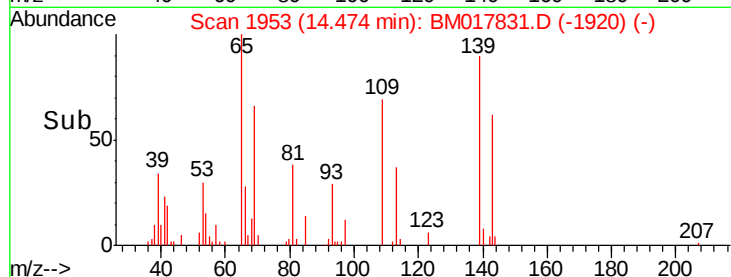
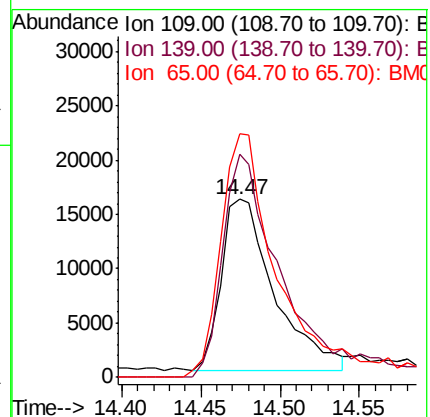
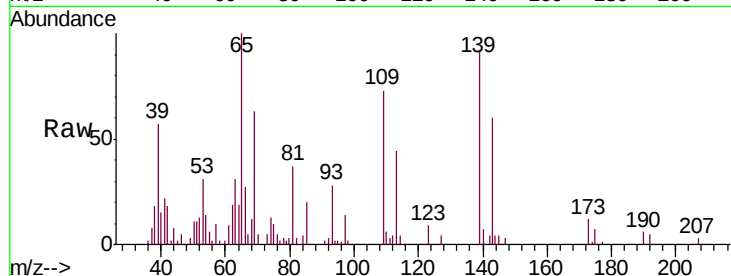
Tgt Ion:109 Resp: 36459

Ion Ratio Lower Upper

109 100

139 125.9 97.4 146.0

65 137.0 104.5 156.7



#54

2,4-Dinitrotoluene

Concen: 30.581 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM017831.D

Acq: 30 Nov 2018 19:34

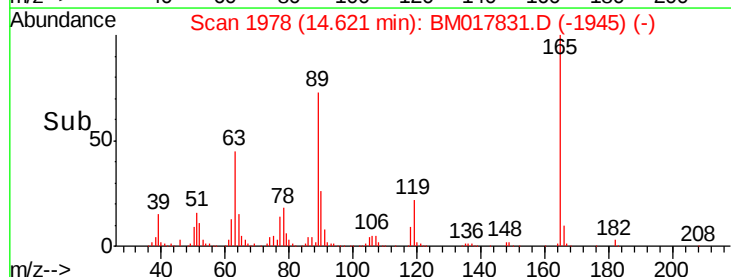
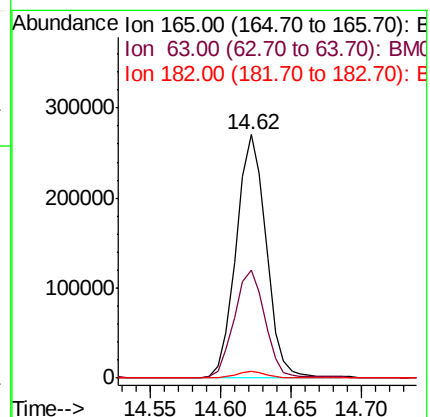
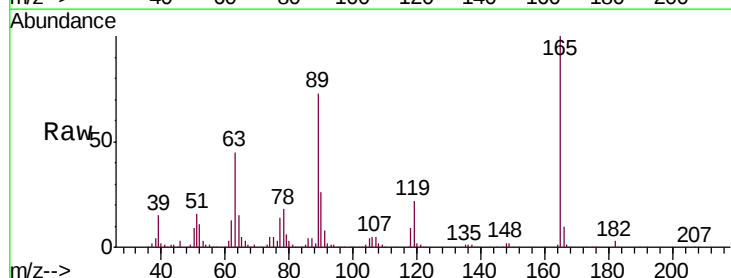
Tgt Ion:165 Resp: 403339

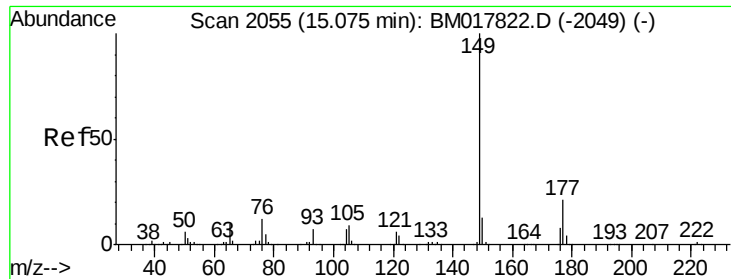
Ion Ratio Lower Upper

165 100

63 44.6 41.8 62.8

182 3.0 2.2 3.2

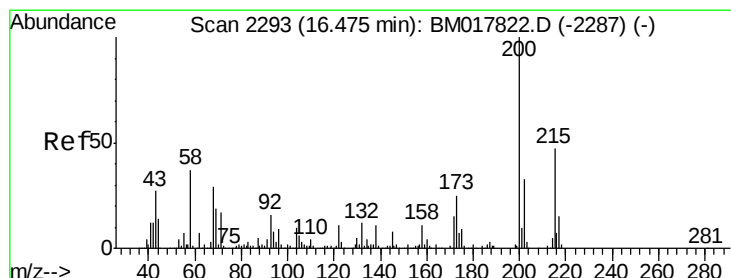
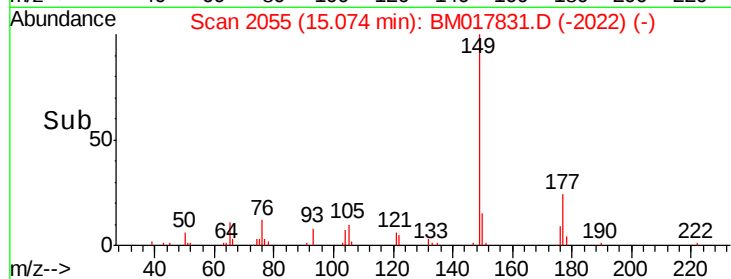
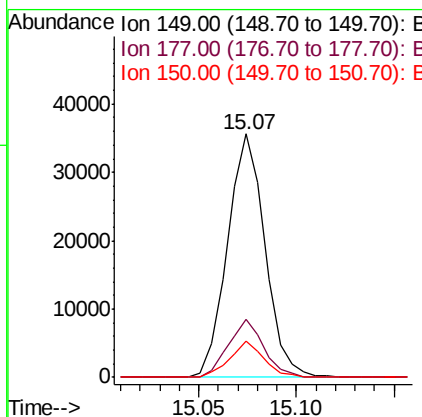
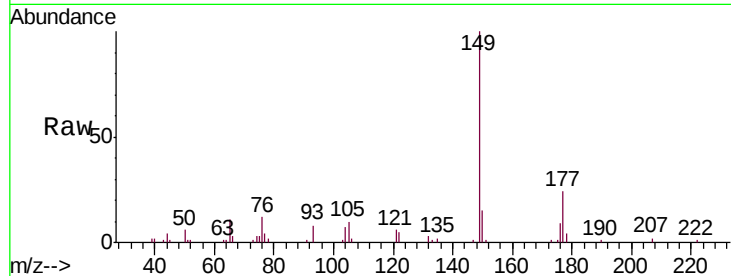




#56
Diethylphthalate
Concen: 1.039 ng/ul
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BM017831.D
Acq: 30 Nov 2018 19:34

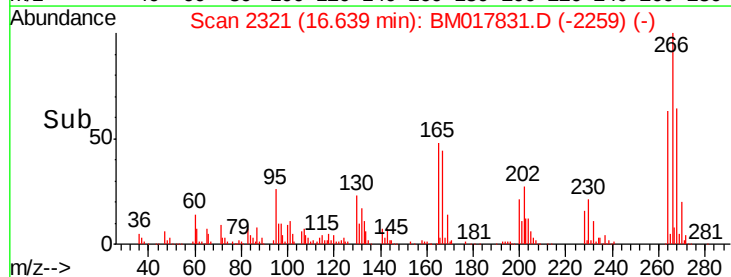
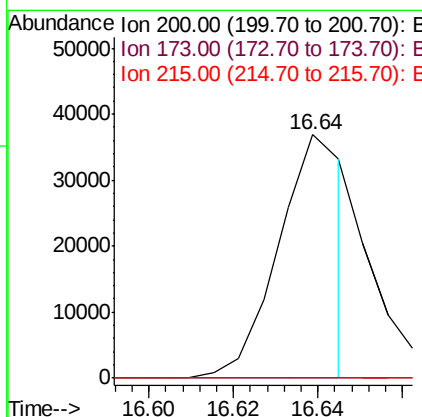
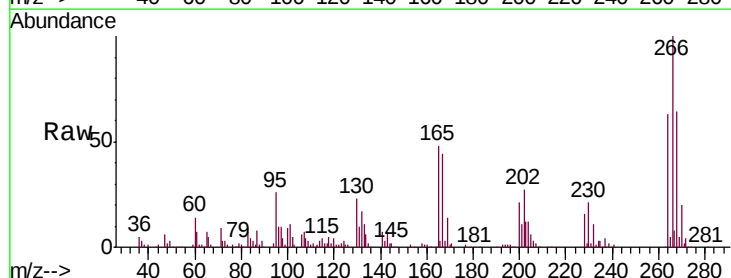
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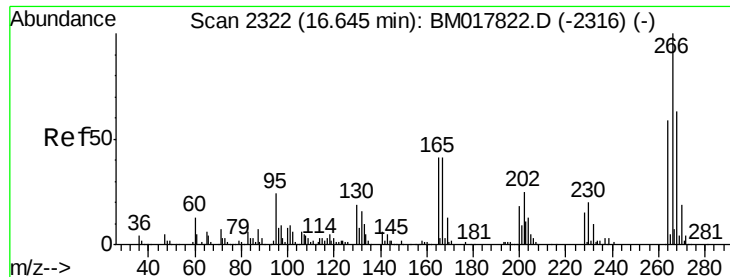
Tgt Ion:149 Resp: 47465
Ion Ratio Lower Upper
149 100
177 23.7 17.0 25.6
150 15.1 10.0 15.0#



#67
Atrazine
Concen: 3.154 ng/ul
RT: 16.64 min Scan# 2321
Delta R.T. 0.16 min
Lab File: BM017831.D
Acq: 30 Nov 2018 19:34

Tgt Ion:200 Resp: 39337
Ion Ratio Lower Upper
200 100
173 0.0 21.0 31.6#
215 0.0 38.2 57.2#

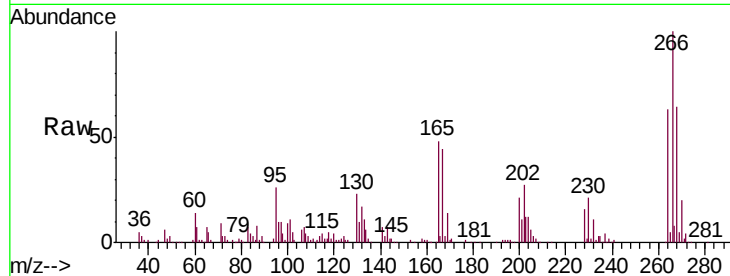




#68
 Pentachlorophenol
 Concen: 32.374 ng/ul
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM017831.D
 Acq: 30 Nov 2018 19:34

Instrument :
 BNA_M
 ClientSampleId :
 A4158MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.2	75.2
268	63.8	49.8	74.8

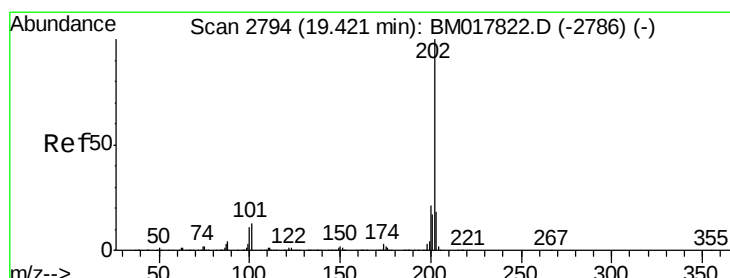
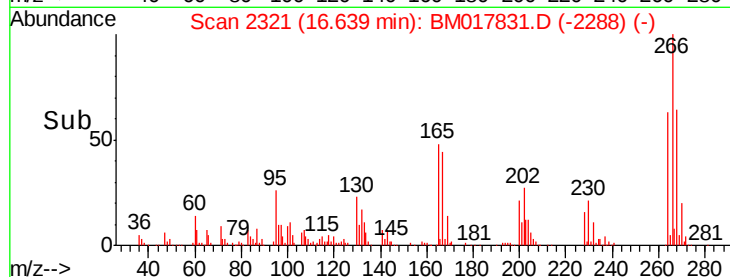
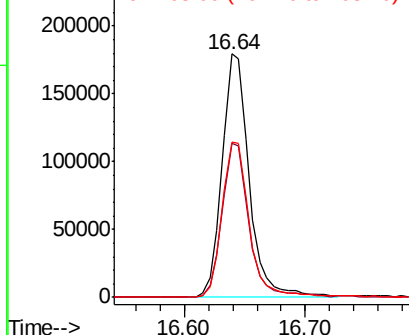


Abundance

Ion 265.70 (265.40 to 266.40): E

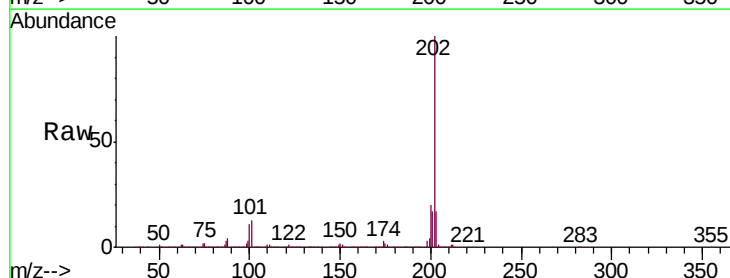
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 41.429 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BM017831.D
 Acq: 30 Nov 2018 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.6	14.4
100	11.0	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): E

