

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016831.D
 Acq On : 21 Sep 2018 14:29
 Operator : SJ/JU
 Sample : J5012-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 01:09:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 01:08:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	237366	20.00	ng/ul	0.04
18) Naphthalene-d8	10.52	136	1298407	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	687279	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1496404	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1677314	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1789705	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	40926	7.37	ng/uL	0.00
5) Phenol-d5	6.90	99	174132	8.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	456879	36.85	ng/ul	0.02
9) 2-Chlorophenol-d4	7.27	132	525372	32.15	ng/ul	0.01
13) 4-Methylphenol-d8	8.43	113	331586	21.40	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	324396	38.02	ng/ul	0.02
22) 2-Nitrophenol-d4	9.59	143	330629	42.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	587525	29.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	31372	1.32	ng/ul	0.02
44) Dimethylphthalate-d6	13.77	166	1845029	33.43	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2367293	33.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	71068	7.85	ng/ul	0.00
58) Fluorene-d10	15.36	176	1623739	33.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	247506	40.29	ng/ul	0.00
71) Anthracene-d10	17.20	188	2482954	34.39	ng/ul	0.00
79) Pyrene-d10	19.50	212	2808340	34.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3299926	35.35	ng/ul	0.00

Target Compounds

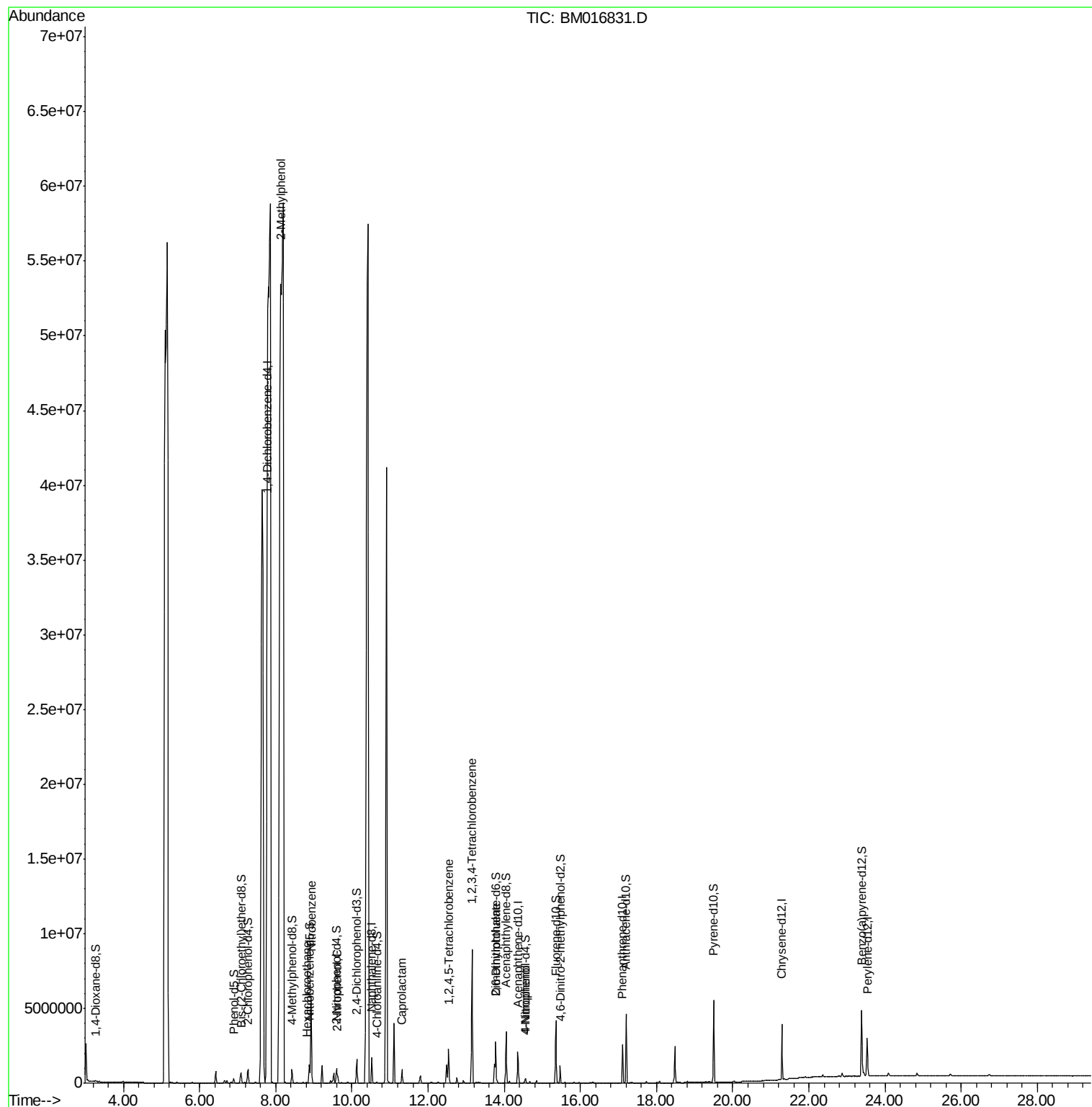
					Ovalue	
11) 2-Methylphenol	8.13	108	301693	20.142	ng/ul	97
17) Hexachloroethane	8.80	117	15474	2.400	ng/ul	89
20) Nitrobenzene	8.93	77	3168724	146.832	ng/ul#	88
23) 2-Nitrophenol	9.62	139	142168	15.877	ng/ul#	89
32) Caprolactam	11.32	113	67010	11.189	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	826744	35.026	ng/ul	98
46) 2,6-Dinitrotoluene	13.77	165	10423	1.258	ng/ul#	43
53) 4-Nitrophenol	14.57	109	16800	2.407	ng/ul#	69
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	2767349	111.737	ng/uL	98

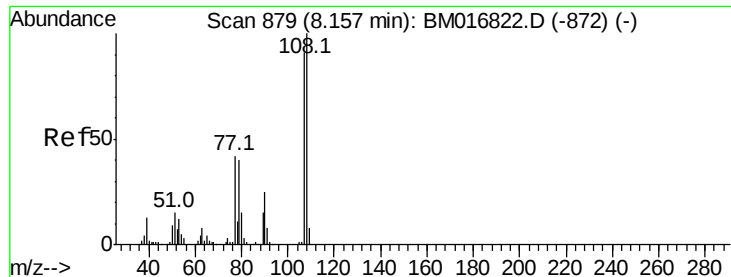
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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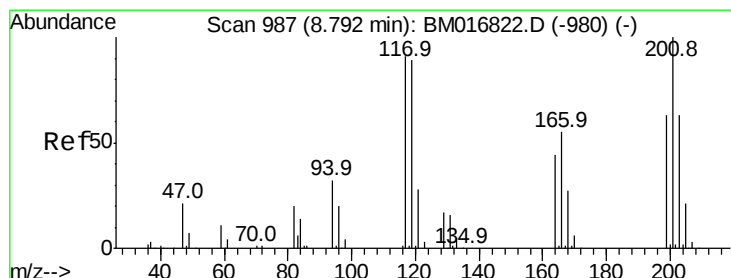
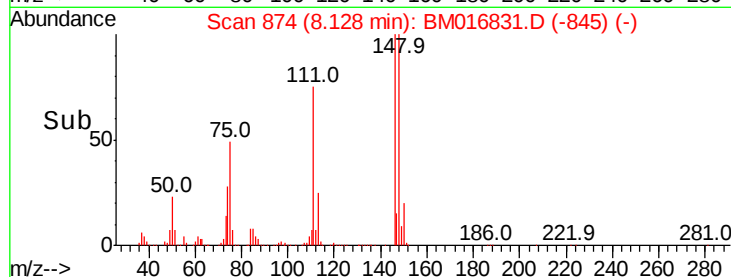
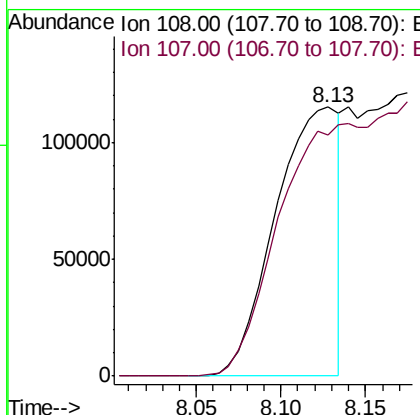
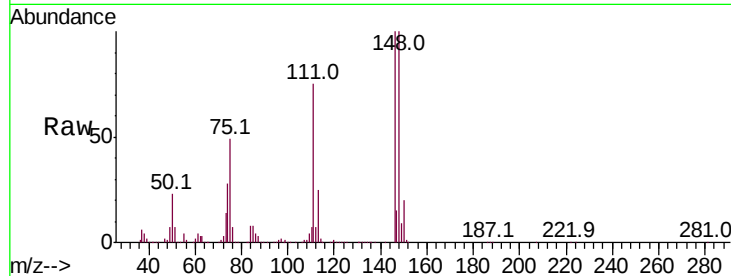




#11
2-Methylphenol
Concen: 20.142 ng/ul
RT: 8.13 min Scan# 874
Delta R.T. -0.03 min
Lab File: BM016831.D
Acq: 21 Sep 2018 14:29

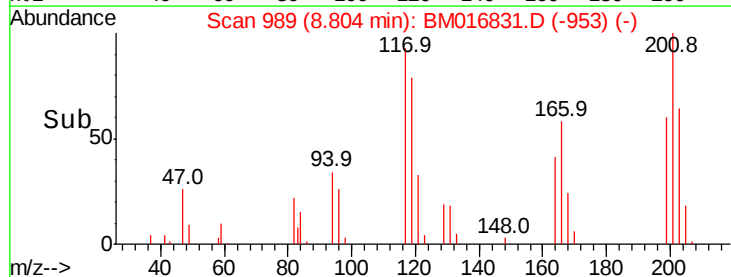
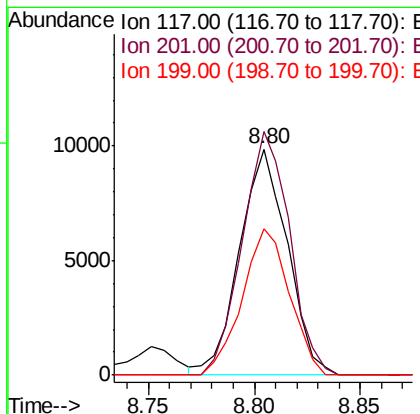
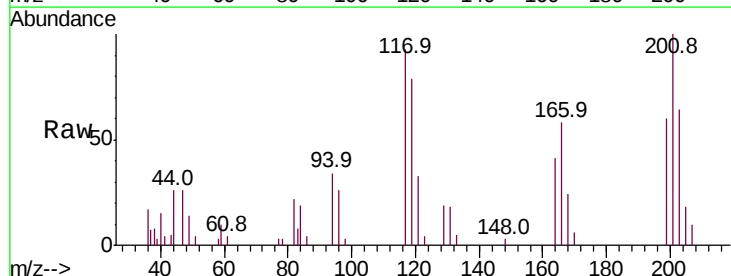
Instrument :
BNA_M
ClientSampleId :

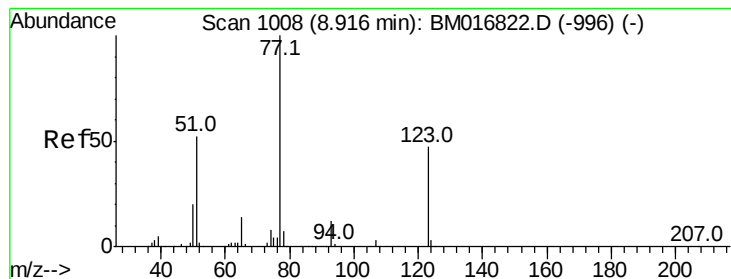
Tot Ion:108 Resp: 301693
Ion Ratio Lower Upper
108 100
107 89.7 74.1 111.1



#17
Hexachloroethane
Concen: 2.400 ng/ul
RT: 8.80 min Scan# 989
Delta R.T. 0.01 min
Lab File: BM016831.D
Acq: 21 Sep 2018 14:29

Tgt Ion:117 Resp: 15474
Ion Ratio Lower Upper
117 100
201 107.9 96.1 144.1
199 65.0 59.7 89.5





#20

Nitrobenzene

Concen: 146.832 ng/ul

RT: 8.93 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BM016831.D

Acq: 21 Sep 2018 14:29

Instrument :

BNA_M

ClientSampled :

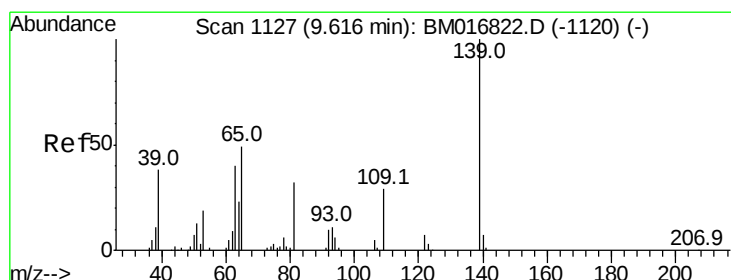
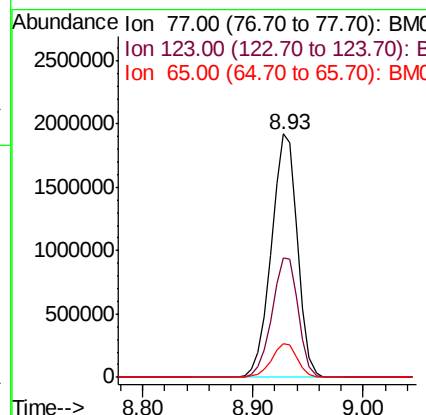
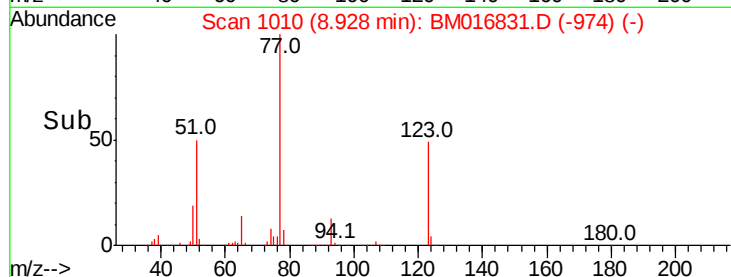
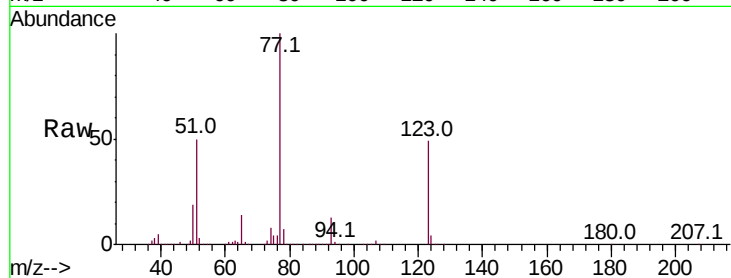
Tot Ion: 77 Resp: 3168724

Ion Ratio Lower Upper

77 100

123 49.2 31.8 47.8#

65 13.7 10.6 16.0



#23

2-Nitrophenol

Concen: 15.877 ng/ul

RT: 9.62 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BM016831.D

Acq: 21 Sep 2018 14:29

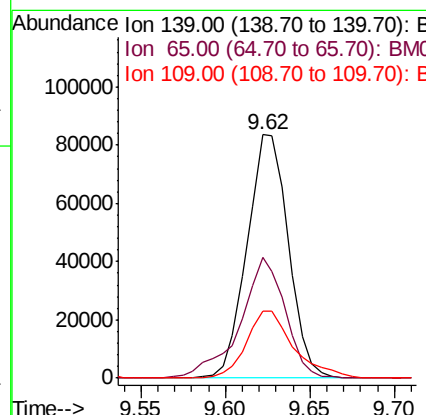
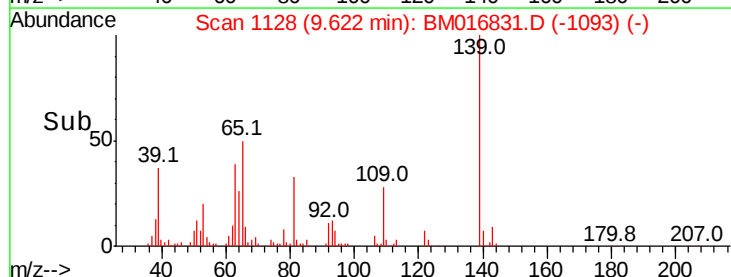
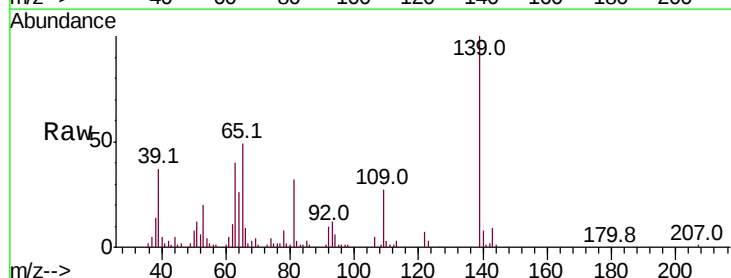
Tgt Ion: 139 Resp: 142168

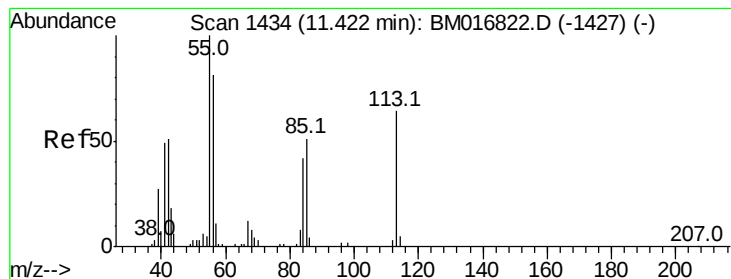
Ion Ratio Lower Upper

139 100

65 49.5 45.3 67.9

109 27.3 27.7 41.5#





#32

Caprolactam

Concen: 11.189 ng/ul

RT: 11.32 min Scan# 1416

Delta R.T. -0.11 min

Lab File: BM016831.D

Acq: 21 Sep 2018 14:29

Instrument :

BNA_M

ClientSampleId :

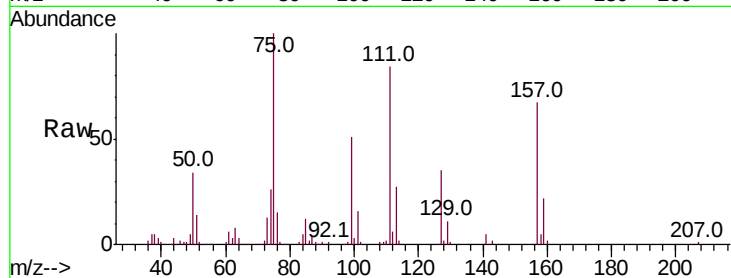
Tot Ion:113 Resp: 67010

Ion Ratio Lower Upper

113 100

55 1.2 131.7 197.5#

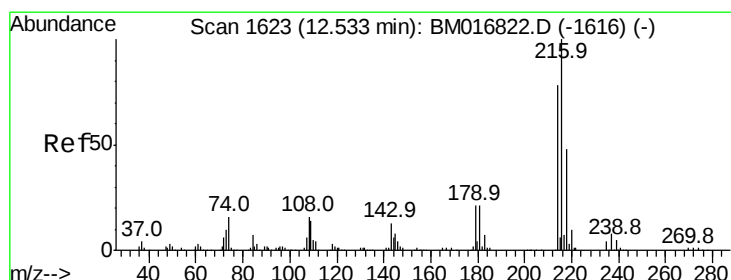
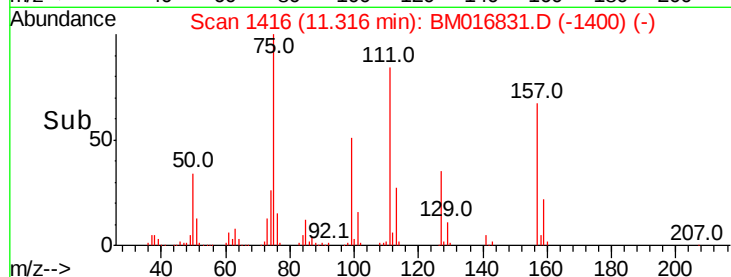
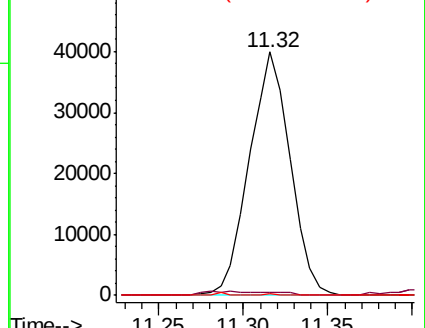
56 0.8 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 35.026 ng/ul

RT: 12.54 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BM016831.D

Acq: 21 Sep 2018 14:29

Tgt Ion:216 Resp: 826744

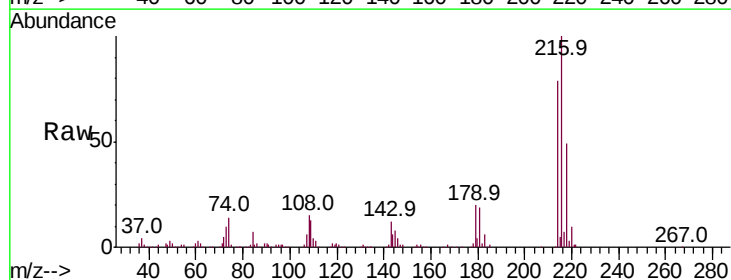
Ion Ratio Lower Upper

216 100

214 79.2 64.1 96.1

179 19.9 14.5 21.7

108 14.5 10.4 15.6

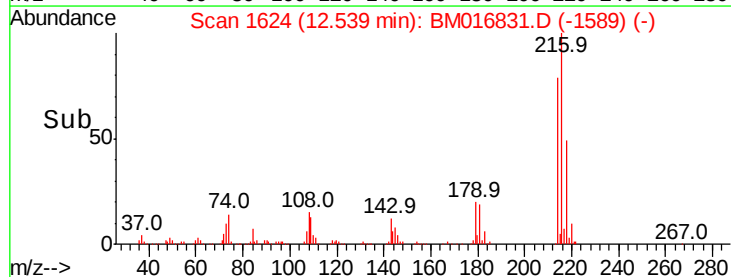
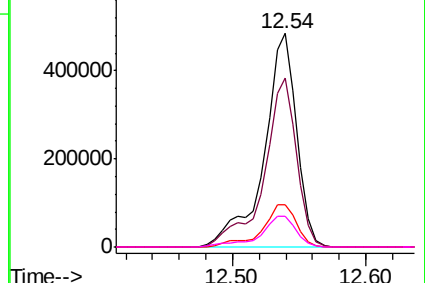


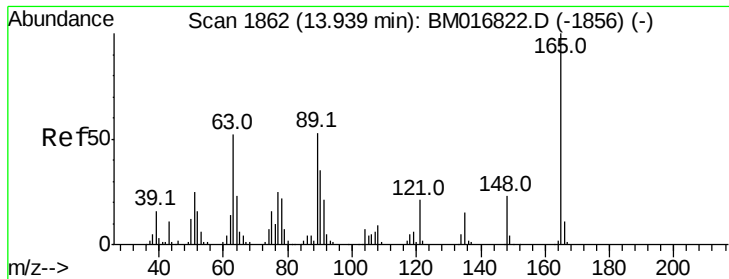
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

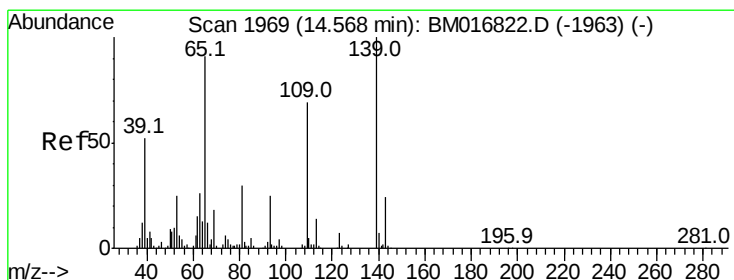
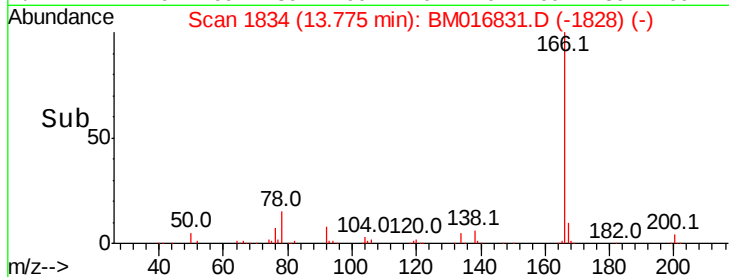
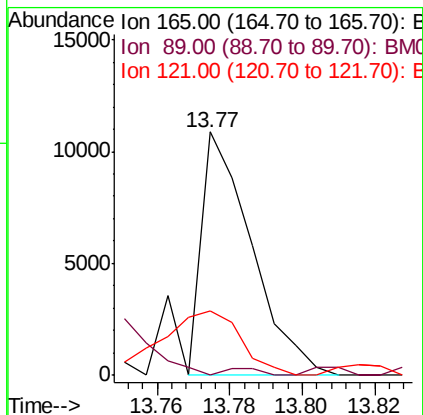
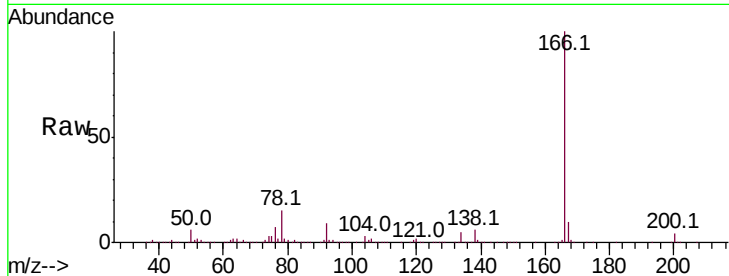




#46
 2,6-Dinitrotoluene
 Concen: 1.258 ng/ul
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.16 min
 Lab File: BM016831.D
 Acq: 21 Sep 2018 14:29

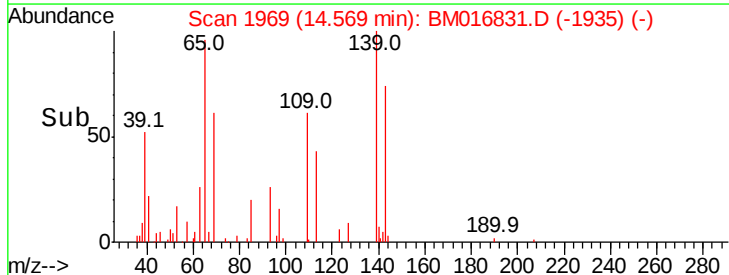
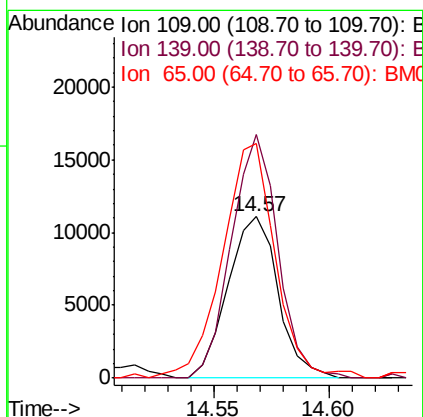
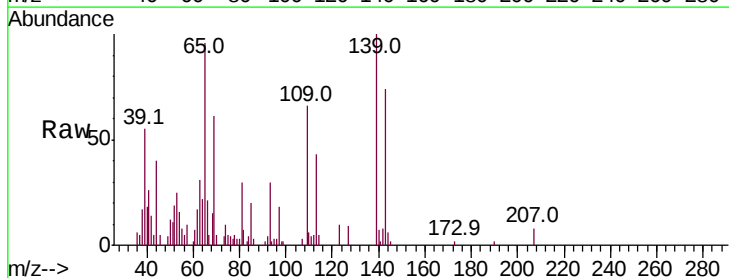
Instrument :
 BNA_M
 ClientSampled :

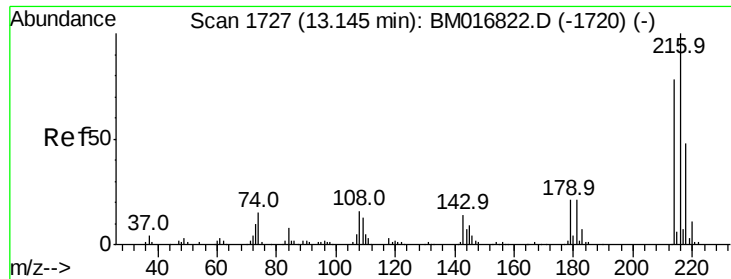
Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	26.7	17.8	26.6#



#53
 4-Nitrophenol
 Concen: 2.407 ng/ul
 RT: 14.57 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM016831.D
 Acq: 21 Sep 2018 14:29

Tgt Ion	Ratio	Lower	Upper
109	100		
139	151.0	91.2	136.8#
65	145.6	92.6	139.0#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 111.737 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. 0.01 min

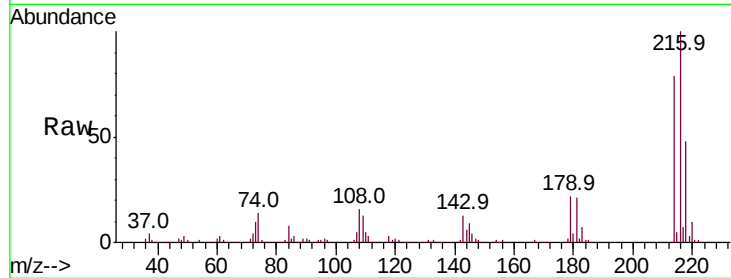
Lab File: BM016831.D

Acq: 21 Sep 2018 14:29

Instrument :

BNA_M

ClientSampleId :



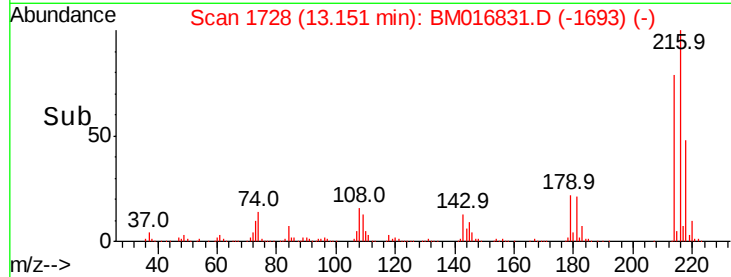
Tot Ion:216 Resp: 2767349

Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

218 48.2 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

2500000 Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

