

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016846.D
 Acq On : 21 Sep 2018 23:30
 Operator : SJ/JU
 Sample : J5013-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 02:23:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 02:21:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	210992	20.00	ng/ul	0.05
18) Naphthalene-d8	10.53	136	1281012	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.36	164	669468	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1472262	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1630598	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1733634	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	38741	7.85	ng/uL	0.00
5) Phenol-d5	6.90	99	178079	10.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	487122	44.20	ng/ul	0.03
9) 2-Chlorophenol-d4	7.27	132	547983	37.73	ng/ul	0.01
13) 4-Methylphenol-d8	8.50	113	538	0.04	ng/ul	0.08
19) Nitrobenzene-d5	8.89	128	348992	41.46	ng/ul	0.02
22) 2-Nitrophenol-d4	9.60	143	365913	47.82	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.13	165	624234	32.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1470	0.06	ng/ul	0.02
44) Dimethylphthalate-d6	13.77	166	1975822	36.76	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2527730	36.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	71583	8.11	ng/ul	0.00
58) Fluorene-d10	15.35	176	1728806	36.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	266515	44.10	ng/ul	0.00
71) Anthracene-d10	17.20	188	2629496	37.02	ng/ul	0.00
79) Pyrene-d10	19.50	212	2917199	36.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3366386	37.22	ng/ul	0.00

Target Compounds

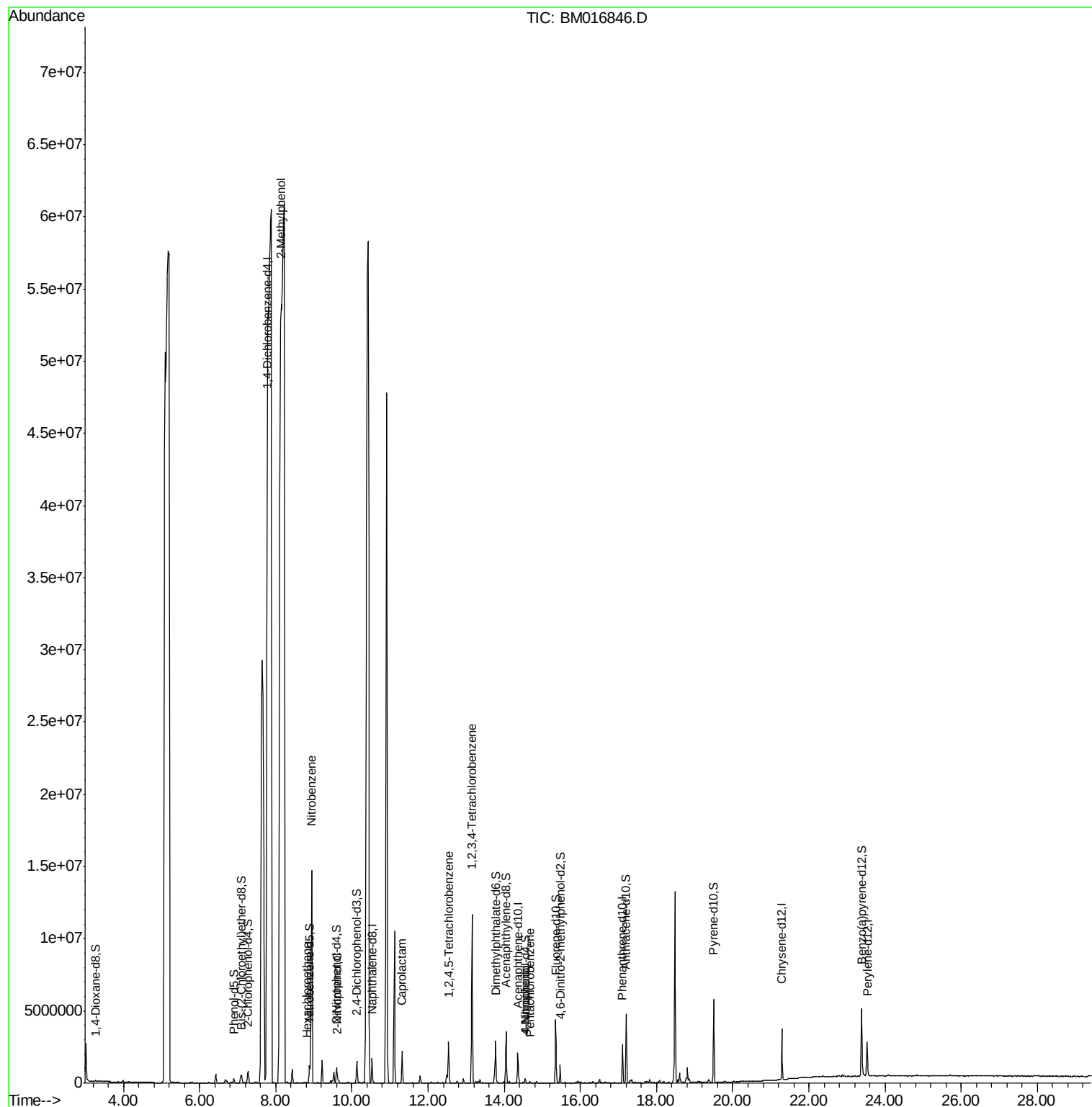
					Ovalue
11) 2-Methylphenol	8.13	108	429297	32.245	ng/ul 98
17) Hexachloroethane	8.81	117	9404	1.641	ng/ul 85
20) Nitrobenzene	8.95	77	8694889	408.373	ng/ul# 87
23) 2-Nitrophenol	9.63	139	85427	9.670	ng/ul# 88
32) Caprolactam	11.32	113	164373	27.819	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	963007	41.884	ng/ul 98
53) 4-Nitrophenol	14.57	109	10539	1.550	ng/ul# 71
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	3639354	149.356	ng/uL 98
74) Pentachlorobenzene	14.67	250	34706	1.579	ng/uL 91

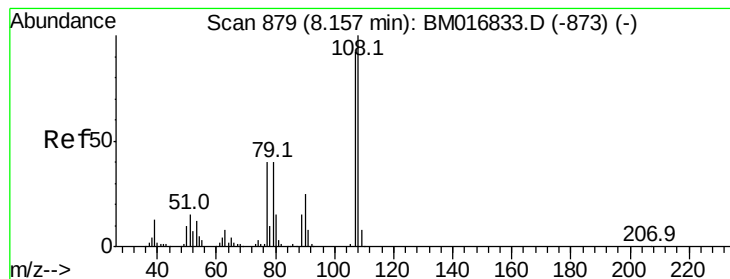
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 02:21:05 2018
Response via : Initial Calibration





#11

2-Methylphenol

Concen: 32.245 ng/ul

RT: 8.13 min Scan# 875

Delta R.T. -0.02 min

Lab File: BM016846.D

Acq: 21 Sep 2018 23:30

Instrument :

BNA_M

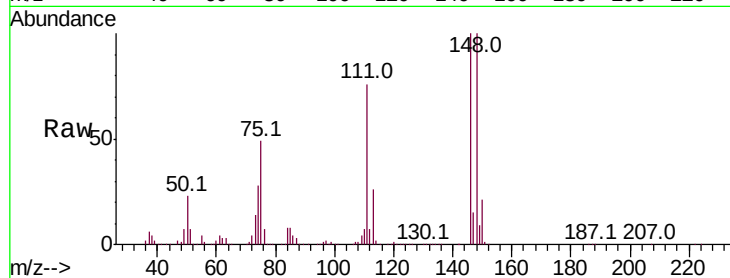
ClientSampled :

Tot Ion:108 Resp: 429297

Ion Ratio Lower Upper

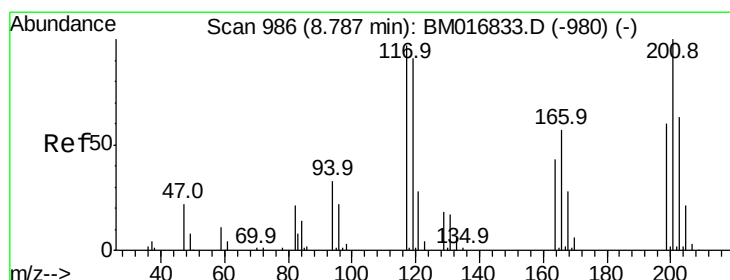
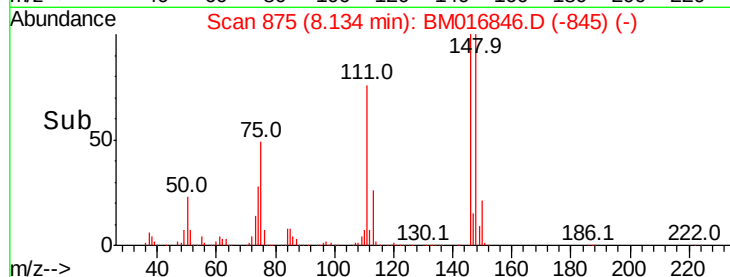
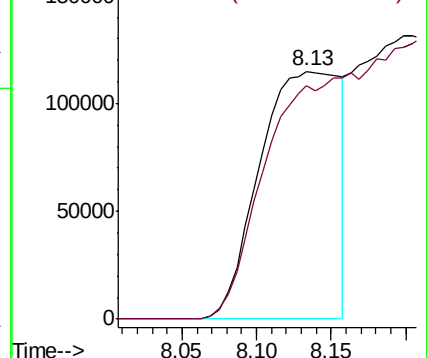
108 100

107 94.2 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 1.641 ng/ul

RT: 8.81 min Scan# 990

Delta R.T. 0.02 min

Lab File: BM016846.D

Acq: 21 Sep 2018 23:30

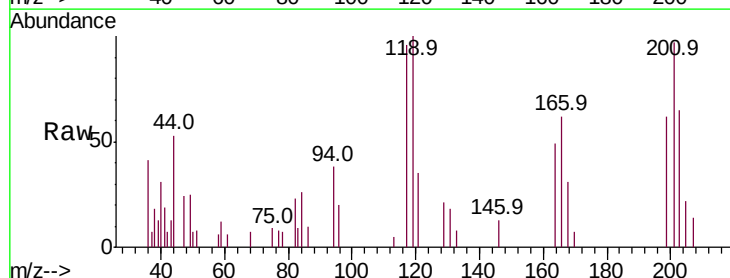
Tgt Ion:117 Resp: 9404

Ion Ratio Lower Upper

117 100

201 100.9 96.1 144.1

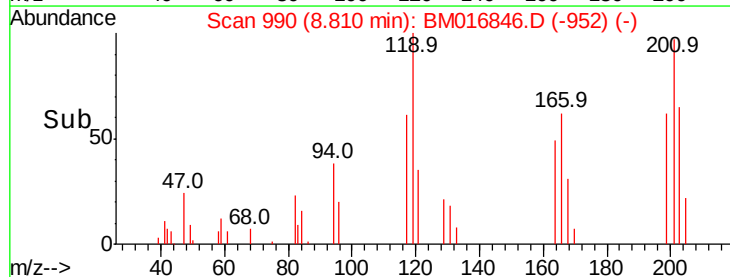
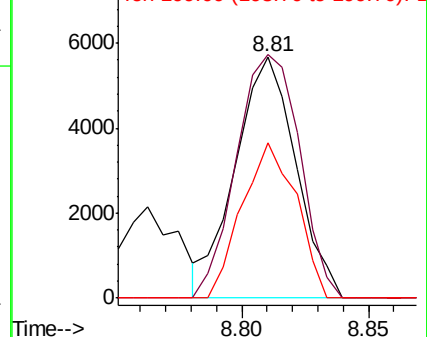
199 64.6 59.7 89.5

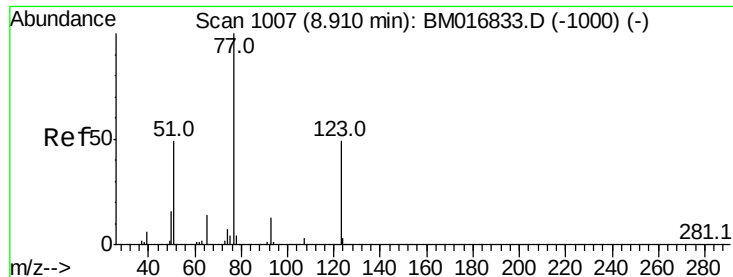


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

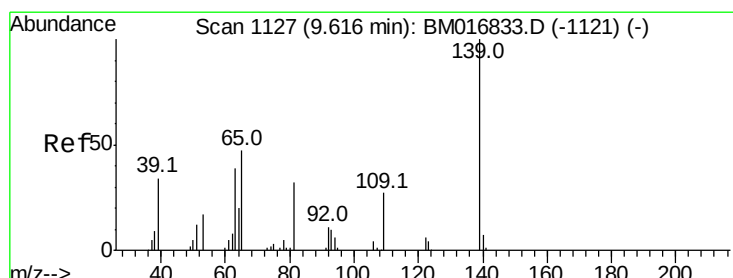
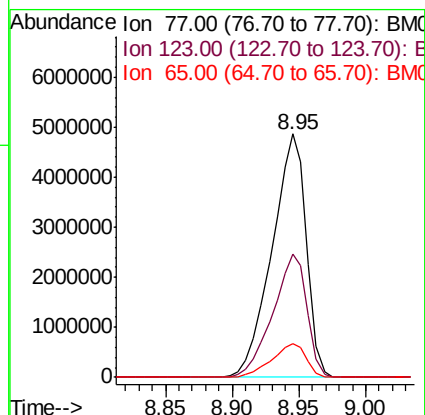
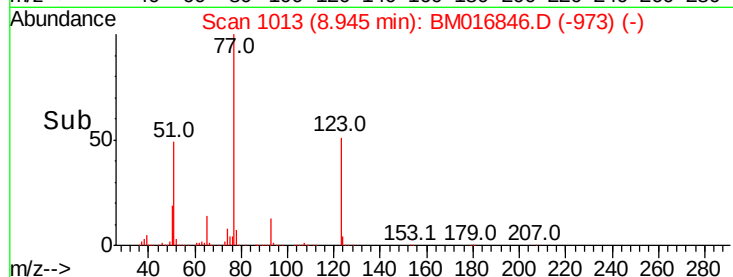
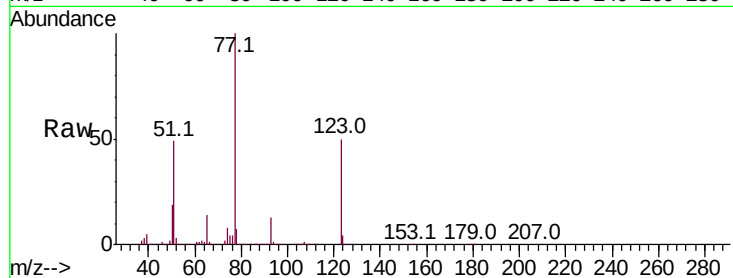




#20
Nitrobenzene
Concen: 408.373 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. 0.04 min
Lab File: BM016846.D
Acq: 21 Sep 2018 23:30

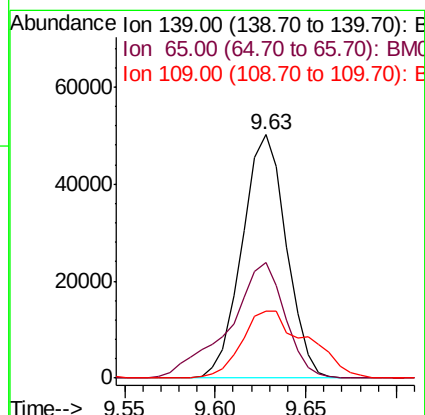
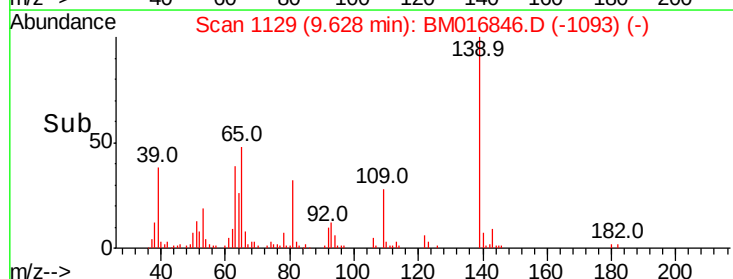
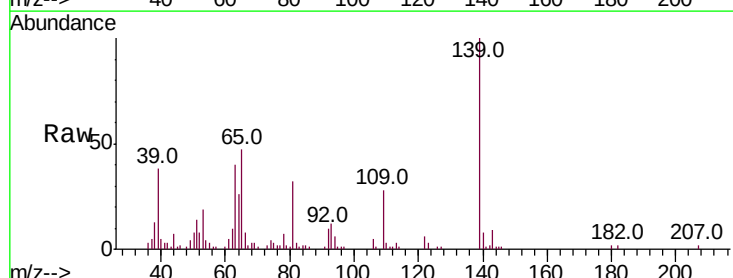
Instrument :
BNA_M
ClientSampled :

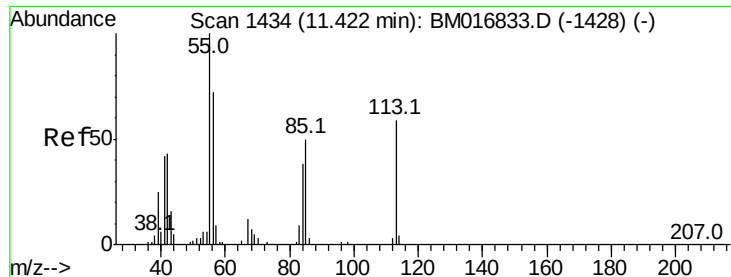
Tot Ion: 77 Resp: 8694889
Ion Ratio Lower Upper
77 100
123 50.5 31.8 47.8#
65 13.9 10.6 16.0



#23
2-Nitrophenol
Concen: 9.670 ng/ul
RT: 9.63 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BM016846.D
Acq: 21 Sep 2018 23:30

Tgt Ion: 139 Resp: 85427
Ion Ratio Lower Upper
139 100
65 47.5 45.3 67.9
109 27.5 27.7 41.5#





#32

Caprolactam

Concen: 27.819 ng/ul

RT: 11.32 min Scan# 1417

Delta R.T. -0.10 min

Lab File: BM016846.D

Acq: 21 Sep 2018 23:30

Instrument :

BNA_M

ClientSampleId :

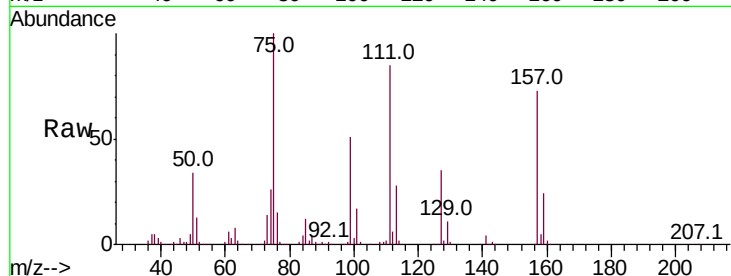
Tot Ion:113 Resp: 164373

Ion Ratio Lower Upper

113 100

55 0.9 131.7 197.5#

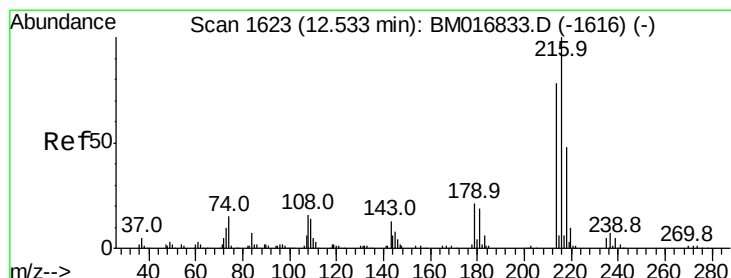
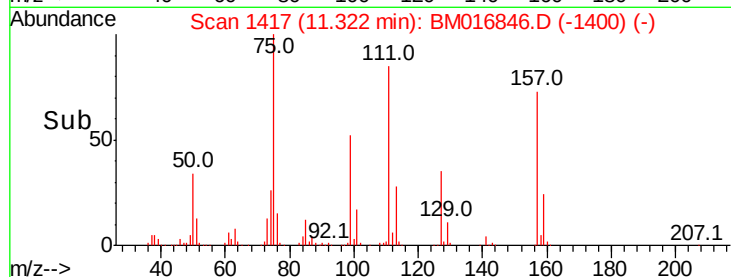
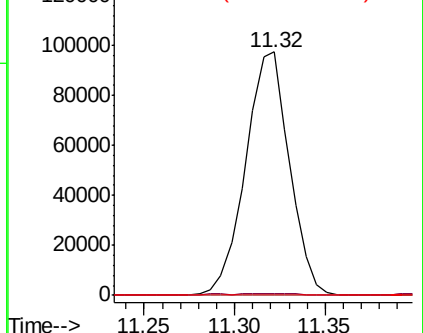
56 0.0 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#37

1,2,4,5-Tetrachlorobenzene

Concen: 41.884 ng/ul

RT: 12.54 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BM016846.D

Acq: 21 Sep 2018 23:30

Tgt Ion:216 Resp: 963007

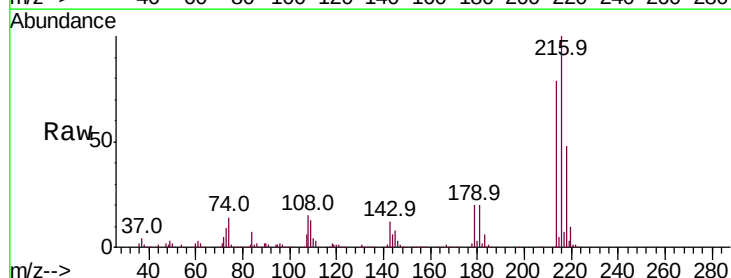
Ion Ratio Lower Upper

216 100

214 78.9 64.1 96.1

179 20.5 14.5 21.7

108 14.5 10.4 15.6

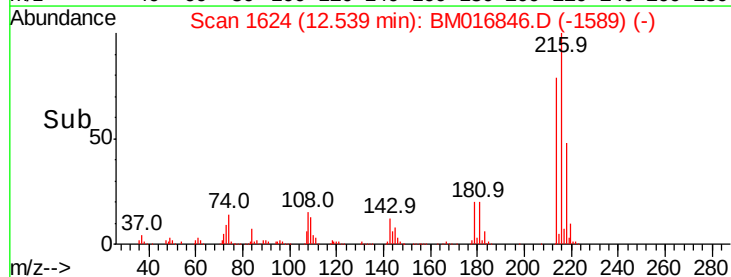
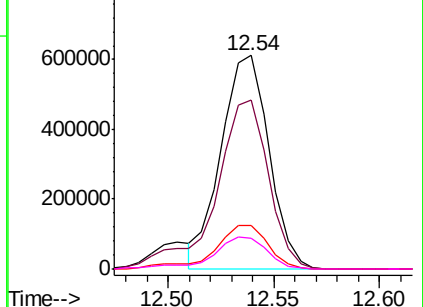


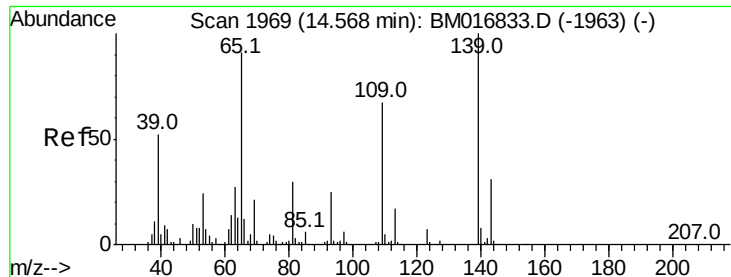
Abundance Ion 216.00 (215.70 to 216.70): E

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

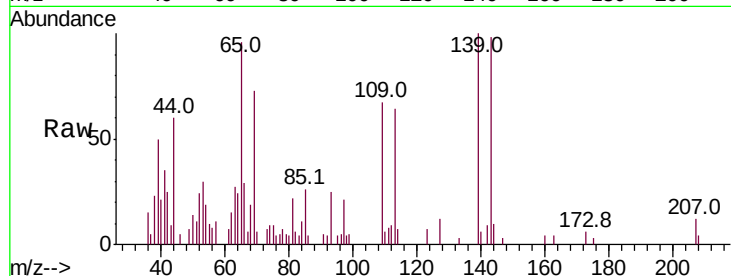




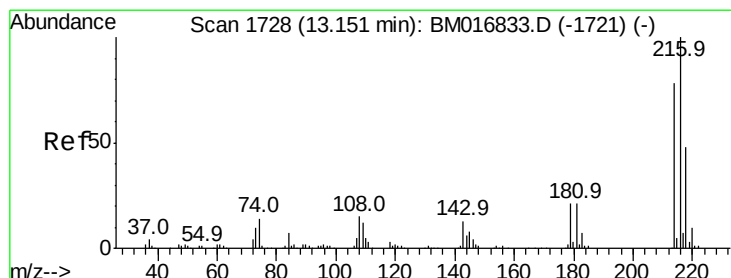
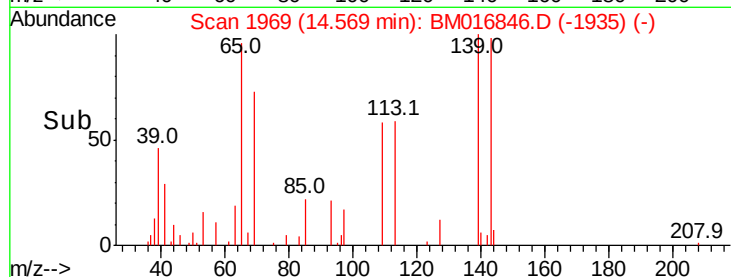
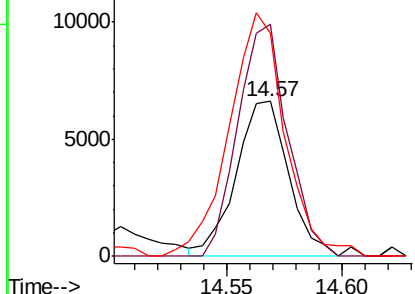
#53
 4-Nitrophenol
 Concen: 1.550 ng/ul
 RT: 14.57 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM016846.D
 Acq: 21 Sep 2018 23:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:109 Resp: 10539
 Ion Ratio Lower Upper
 109 100
 139 149.6 91.2 136.8#
 65 143.9 92.6 139.0#

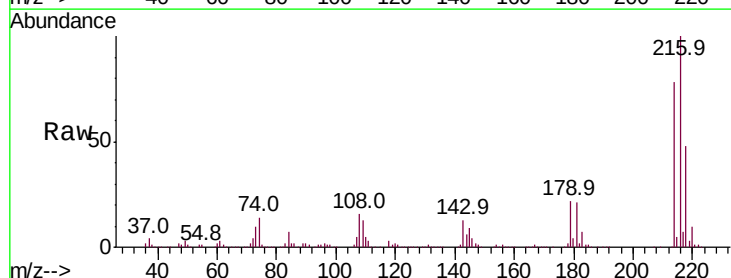


Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM

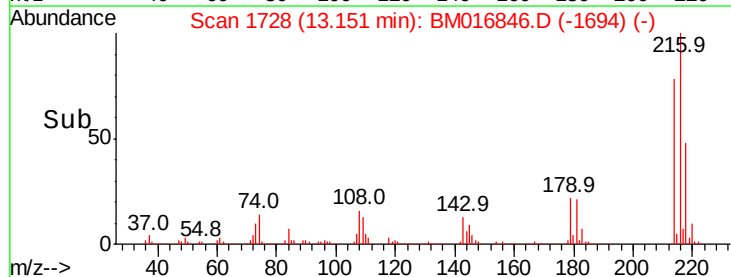
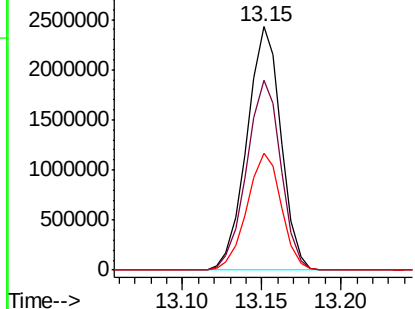


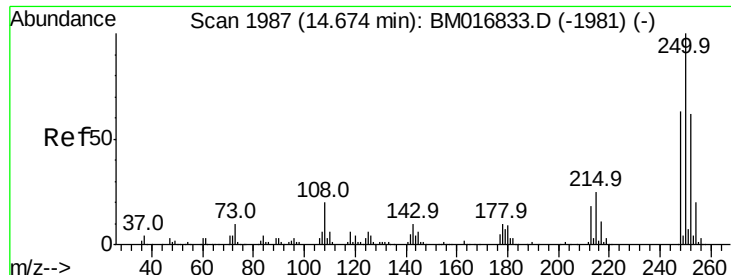
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 149.356 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BM016846.D
 Acq: 21 Sep 2018 23:30

Tgt Ion:216 Resp: 3639354
 Ion Ratio Lower Upper
 216 100
 214 78.0 64.1 96.1
 218 48.2 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 1.579 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

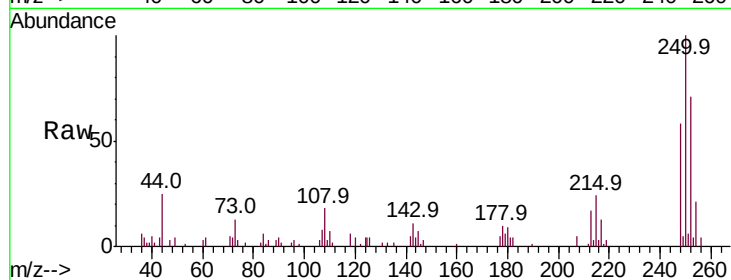
Lab File: BM016846.D

Acq: 21 Sep 2018 23:30

Instrument :

BNA_M

ClientSampleId :



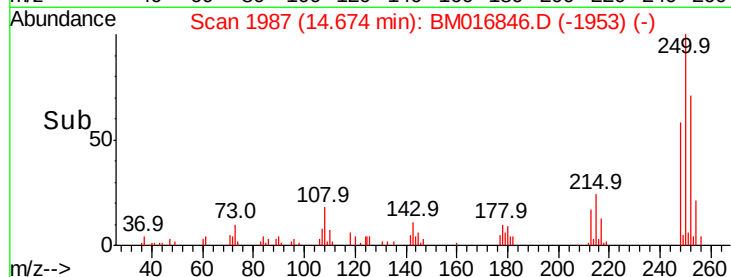
Tot Ion:250 Resp: 34706

Ion Ratio Lower Upper

250 100

248 57.9 51.4 77.2

252 70.5 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

