

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016844.D
 Acq On : 21 Sep 2018 22:18
 Operator : SJ/JU
 Sample : J5013-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 02:23:10 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	192239	20.00	ng/ul	0.05
18) Naphthalene-d8	10.53	136	1154678	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.36	164	605526	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1323690	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1477325	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1578564	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37916	8.43	ng/uL	0.00
5) Phenol-d5	6.90	99	157766	9.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	448664	44.68	ng/ul	0.03
9) 2-Chlorophenol-d4	7.27	132	511178	38.63	ng/ul	0.01
13) 4-Methylphenol-d8	8.43	113	315651	25.16	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	317673	41.87	ng/ul	0.02
22) 2-Nitrophenol-d4	9.60	143	331225	48.02	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.13	165	565525	32.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	10746	0.51	ng/ul	0.02
44) Dimethylphthalate-d6	13.77	166	1804216	37.11	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2327767	37.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	62593	7.84	ng/ul	0.00
58) Fluorene-d10	15.35	176	1586859	37.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	234487	43.15	ng/ul	0.00
71) Anthracene-d10	17.20	188	2404780	37.65	ng/ul	0.00
79) Pyrene-d10	19.50	212	2705291	37.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3147432	38.22	ng/ul	0.00

Target Compounds

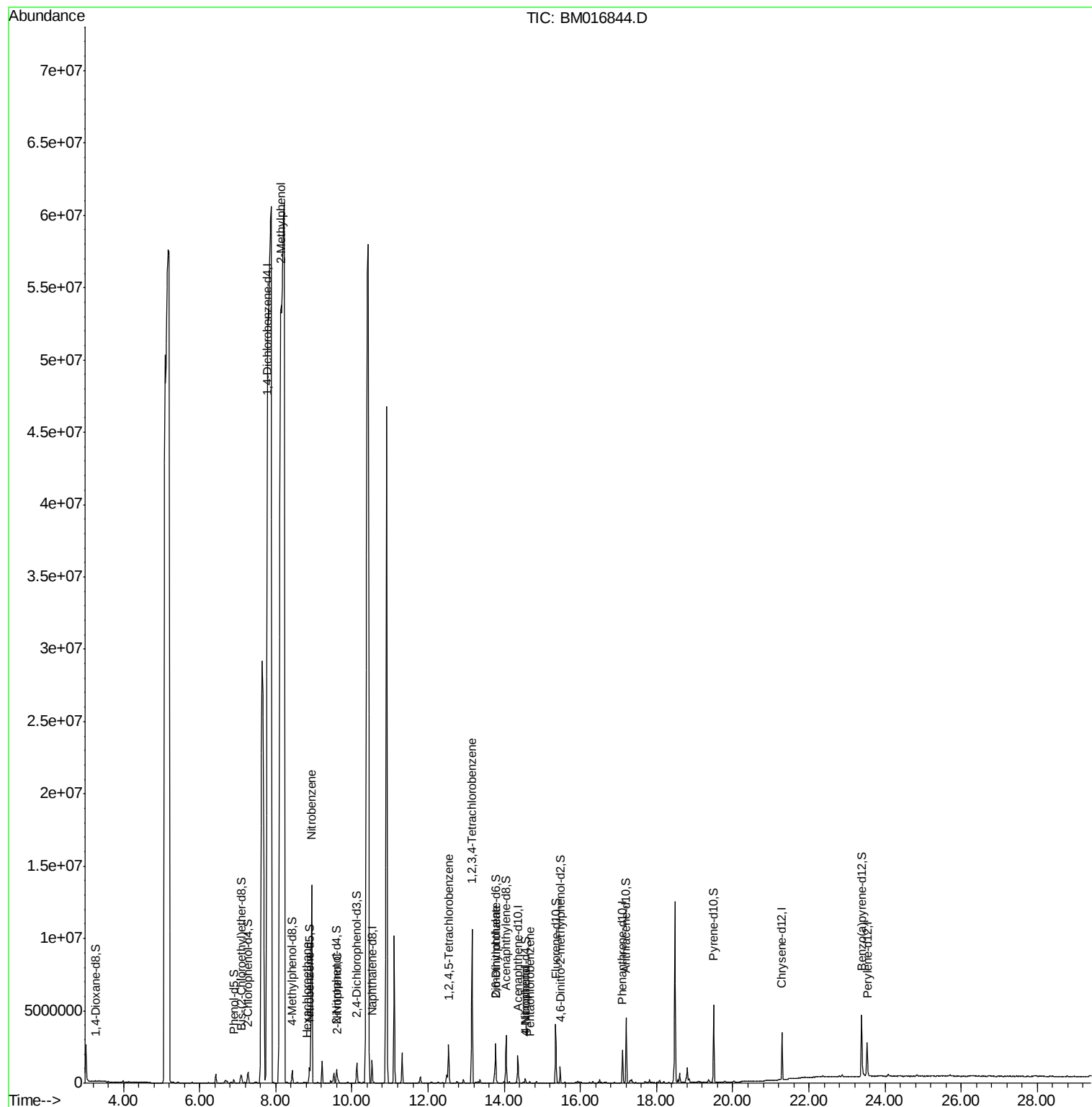
					Ovalue	
11) 2-Methylphenol	8.13	108	306247	25.246	ng/ul	96
17) Hexachloroethane	8.81	117	10577	2.026	ng/ul	85
20) Nitrobenzene	8.95	77	8165767	425.484	ng/ul#	86
23) 2-Nitrophenol	9.63	139	85818	10.777	ng/ul	90
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	987696	47.495	ng/ul	98
46) 2,6-Dinitrotoluene	13.77	165	14350	1.966	ng/ul#	46
53) 4-Nitrophenol	14.57	109	9494	1.544	ng/ul#	81
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	3382053	154.375	ng/uL	99
74) Pentachlorobenzene	14.67	250	36013	1.822	ng/uL	98

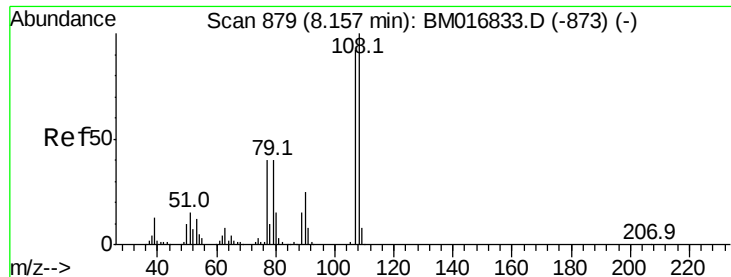
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 25.246 ng/ul

RT: 8.13 min Scan# 874

Delta R.T. -0.03 min

Lab File: BM016844.D

Acq: 21 Sep 2018 22:18

Instrument :

BNA_M

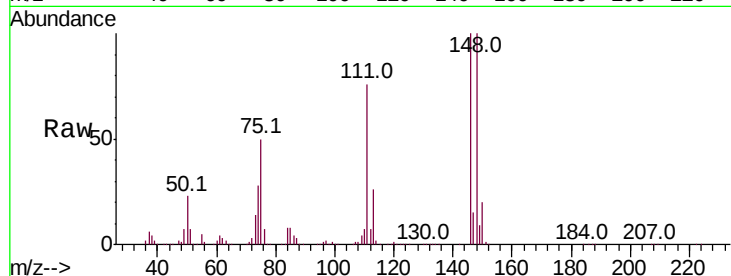
ClientSampled :

Tot Ion:108 Resp: 306247

Ion Ratio Lower Upper

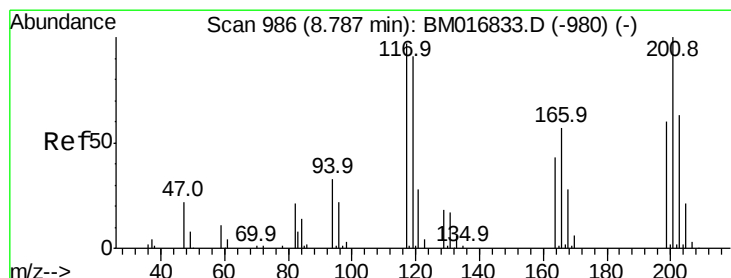
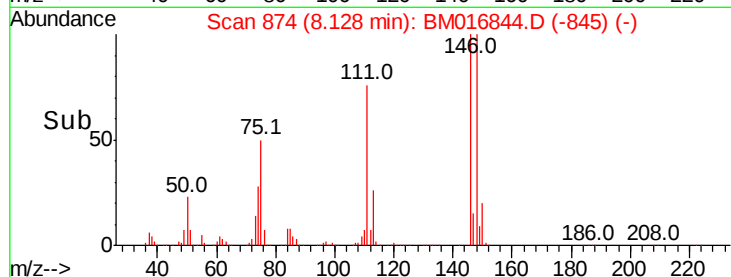
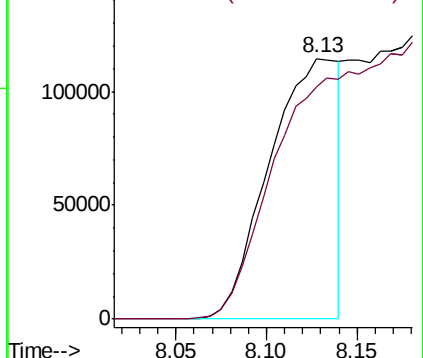
108 100

107 89.1 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: 2.026 ng/ul

RT: 8.81 min Scan# 990

Delta R.T. 0.02 min

Lab File: BM016844.D

Acq: 21 Sep 2018 22:18

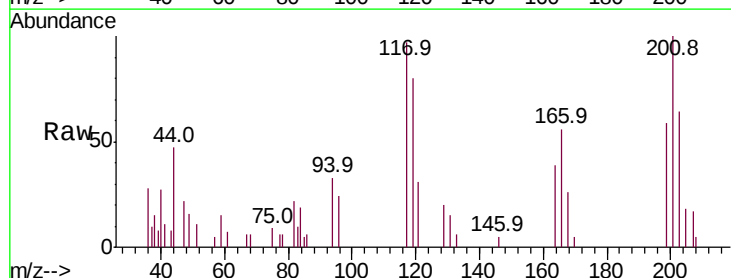
Tgt Ion:117 Resp: 10577

Ion Ratio Lower Upper

117 100

201 103.4 96.1 144.1

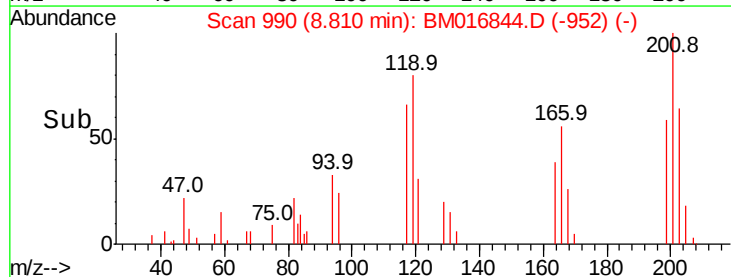
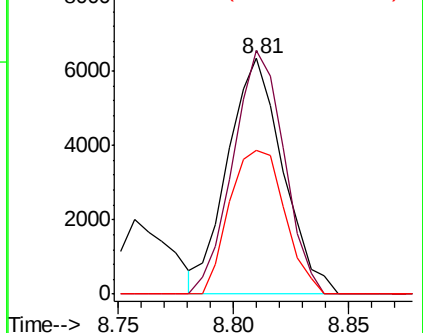
199 61.3 59.7 89.5

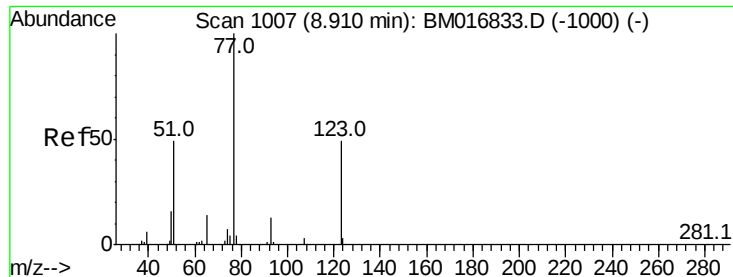


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

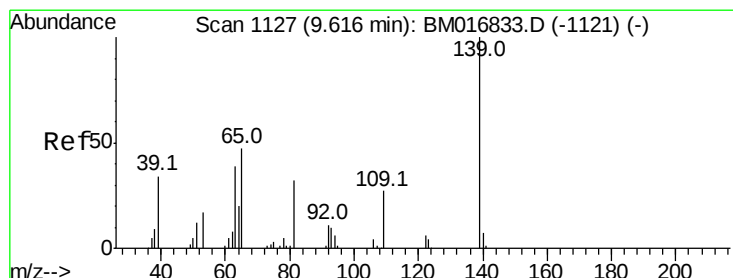
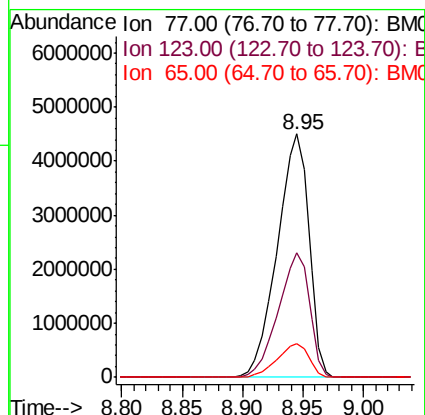
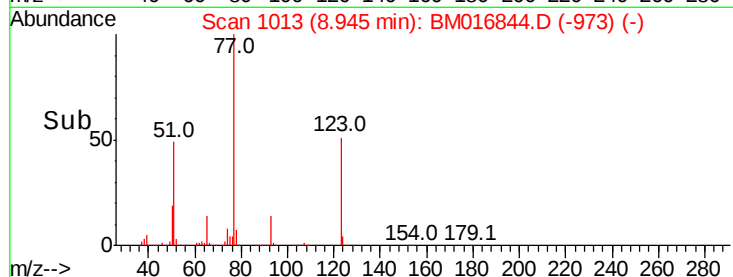
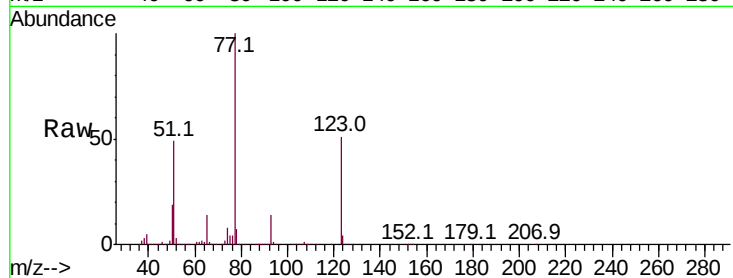




#20
Nitrobenzene
Concen: 425.484 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. 0.04 min
Lab File: BM016844.D
Acq: 21 Sep 2018 22:18

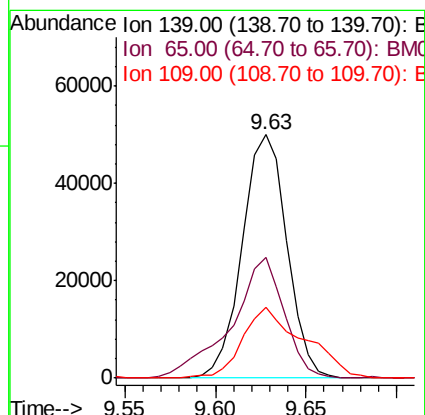
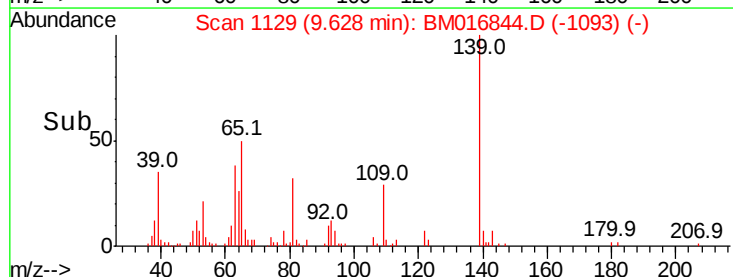
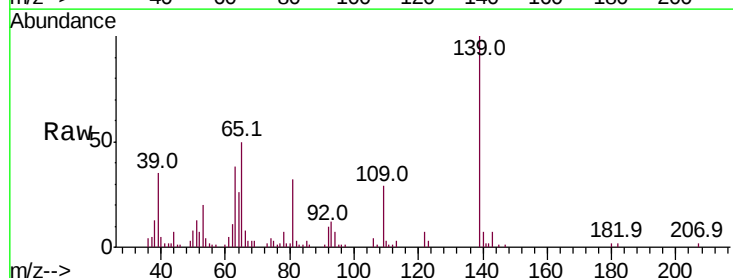
Instrument :
BNA_M
ClientSampleId :

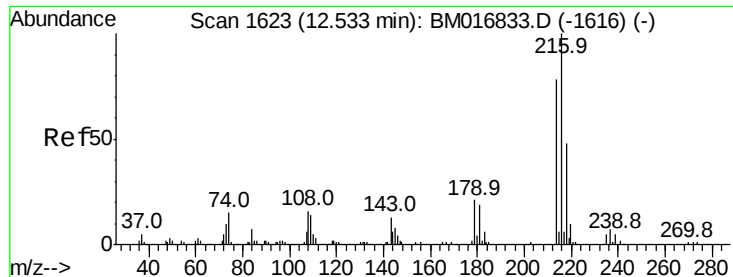
Tot Ion: 77 Resp: 8165767
Ion Ratio Lower Upper
77 100
123 51.2 31.8 47.8#
65 14.0 10.6 16.0



#23
2-Nitrophenol
Concen: 10.777 ng/ul
RT: 9.63 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BM016844.D
Acq: 21 Sep 2018 22:18

Tgt Ion: 139 Resp: 85818
Ion Ratio Lower Upper
139 100
65 49.7 45.3 67.9
109 29.0 27.7 41.5

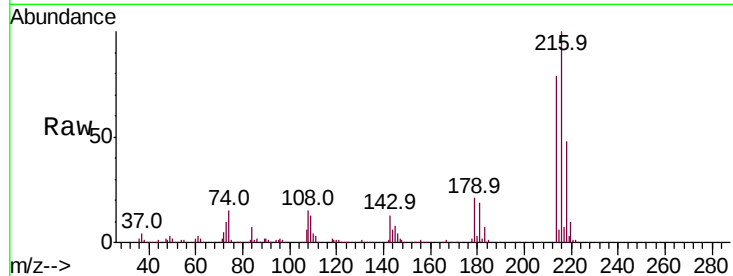




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.495 ng/ul
 RT: 12.54 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BM016844.D
 Acq: 21 Sep 2018 22:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.1	96.1
179	21.0	14.5	21.7
108	14.7	10.4	15.6



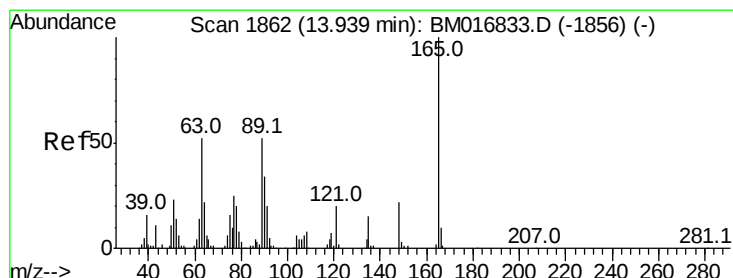
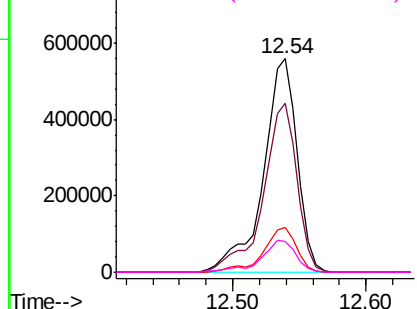
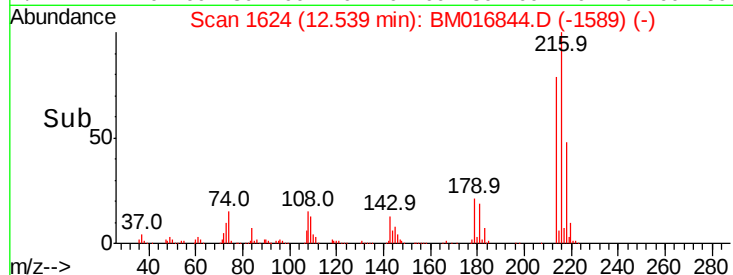
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

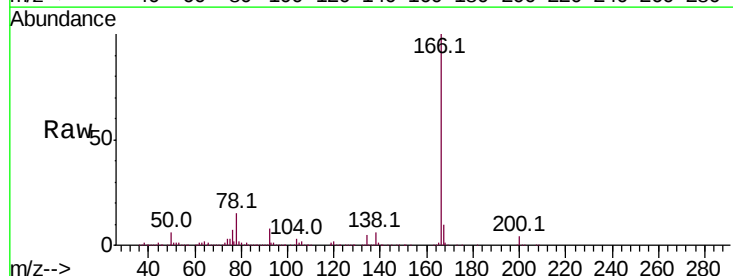
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#46
 2,6-Dinitrotoluene
 Concen: 1.966 ng/ul
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.16 min
 Lab File: BM016844.D
 Acq: 21 Sep 2018 22:18

Tgt Ion	Ratio	Lower	Upper
165	100		
89	3.7	43.8	65.8#
121	28.2	17.8	26.6#

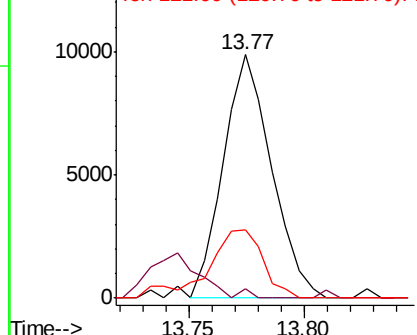
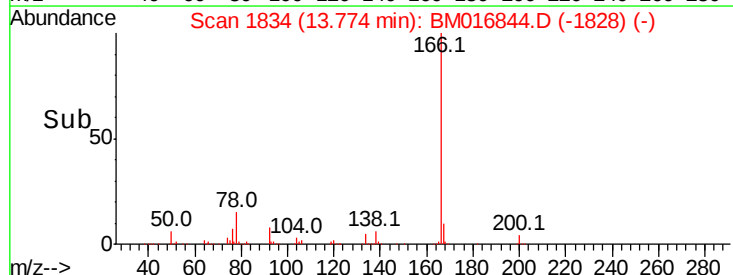


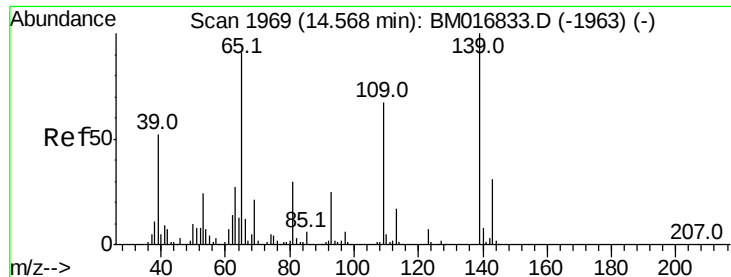
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#53

4-Nitrophenol

Concen: 1.544 ng/ul

RT: 14.57 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BM016844.D

Acq: 21 Sep 2018 22:18

Instrument :

BNA_M

ClientSampleId :

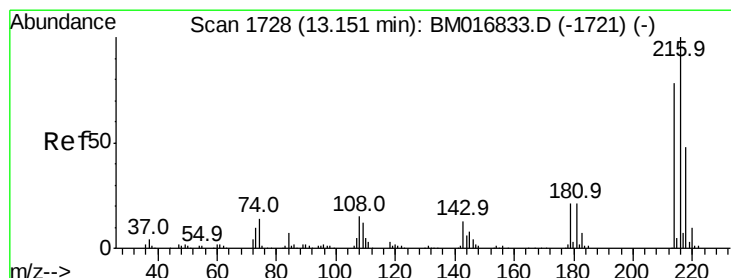
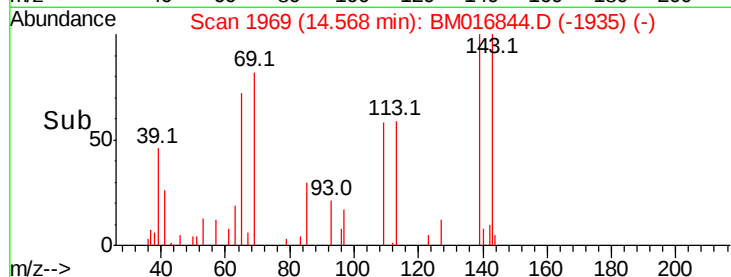
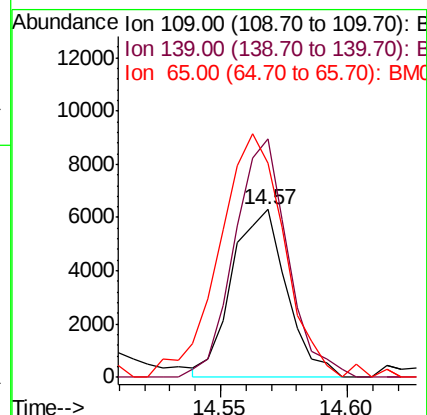
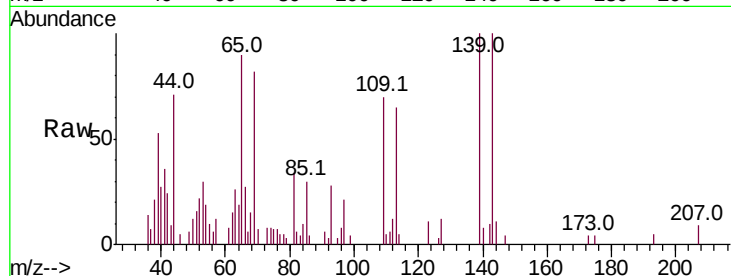
Tot Ion:109 Resp: 9494

Ion Ratio Lower Upper

109 100

139 142.0 91.2 136.8#

65 128.2 92.6 139.0



#73

1,2,3,4-Tetrachlorobenzene

Concen: 154.375 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BM016844.D

Acq: 21 Sep 2018 22:18

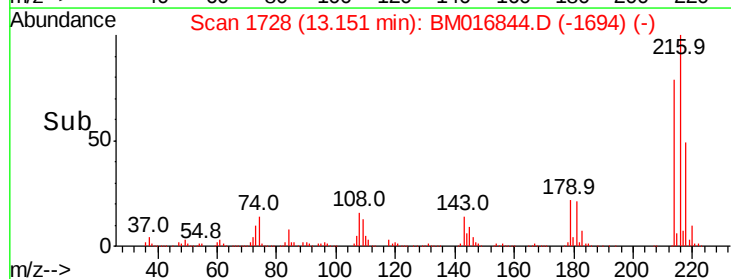
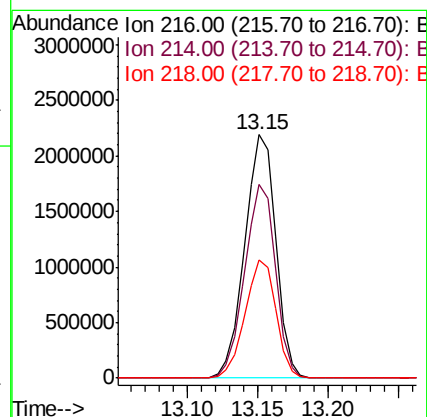
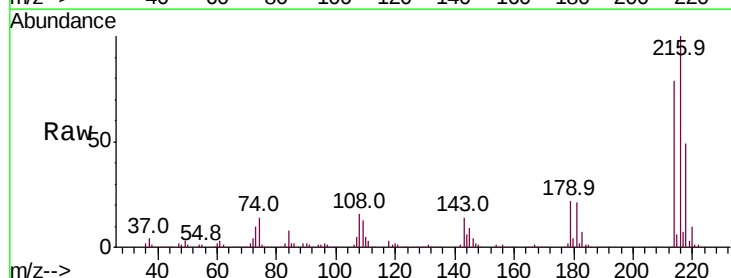
Tgt Ion:216 Resp: 3382053

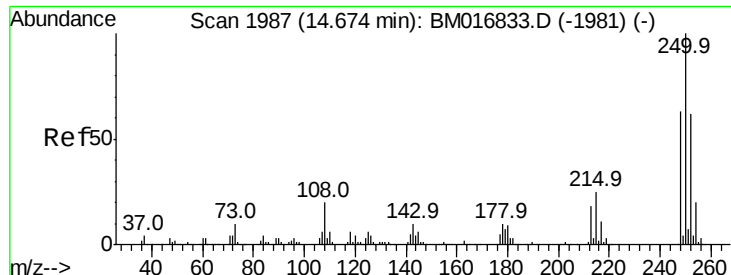
Ion Ratio Lower Upper

216 100

214 79.4 64.1 96.1

218 48.6 39.4 59.0





#74

Pentachlorobenzene

Concen: 1.822 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

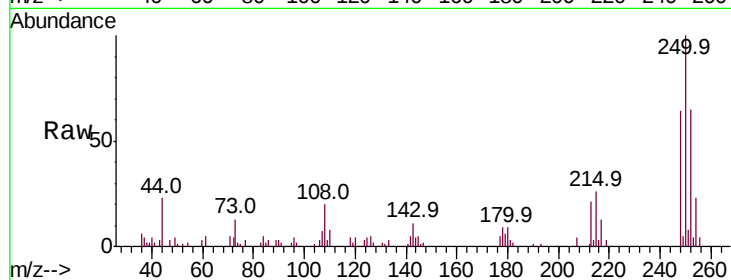
Lab File: BM016844.D

Acq: 21 Sep 2018 22:18

Instrument :

BNA_M

ClientSampleId :



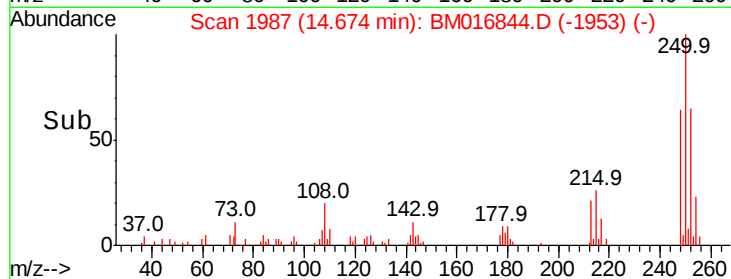
Tot Ion:250 Resp: 36013

Ion Ratio Lower Upper

250 100

248 64.2 51.4 77.2

252 64.5 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

