

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016839.D
 Acq On : 21 Sep 2018 19:17
 Operator : SJ/JU
 Sample : J5012-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08K5

Manual Integrations
 APPROVED

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Quant Time: Sep 22 02:48:04 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	194751m	20.00	ng/ul	0.05
18) Naphthalene-d8	10.52	136	1232210	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	655845	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1432511	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1594603	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1691898	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	40075	8.80	ng/uL	0.00
5) Phenol-d5	6.90	99	159295	9.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	457582	44.98	ng/ul	0.04
9) 2-Chlorophenol-d4	7.27	132	516101	38.50	ng/ul	0.01
13) 4-Methylphenol-d8	8.43	113	321049	25.26	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	322687	39.85	ng/ul	0.02
22) 2-Nitrophenol-d4	9.60	143	337106	45.80	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.13	165	582103	31.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	17497	0.77	ng/ul	0.02
44) Dimethylphthalate-d6	13.77	166	1857721	35.28	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2384996	35.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	65237	7.55	ng/ul	0.00
58) Fluorene-d10	15.36	176	1633190	35.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	242592	41.25	ng/ul	0.00
71) Anthracene-d10	17.20	188	2478137	35.86	ng/ul	0.00
79) Pyrene-d10	19.50	212	2772447	35.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3204466	36.31	ng/ul	0.00

Target Compounds

					Ovalue	
17) Hexachloroethane	8.81	117	12436	2.351	ng/ul	87
20) Nitrobenzene	8.95	77	8443489	412.272	ng/ul#	87
23) 2-Nitrophenol	9.63	139	116260	13.681	ng/ul	89
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	926824	41.148	ng/ul	97
53) 4-Nitrophenol	14.56	109	14959	2.246	ng/ul#	68
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	2431618	102.561	ng/uL	98
74) Pentachlorobenzene	14.67	250	27661	1.293	ng/uL	96

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

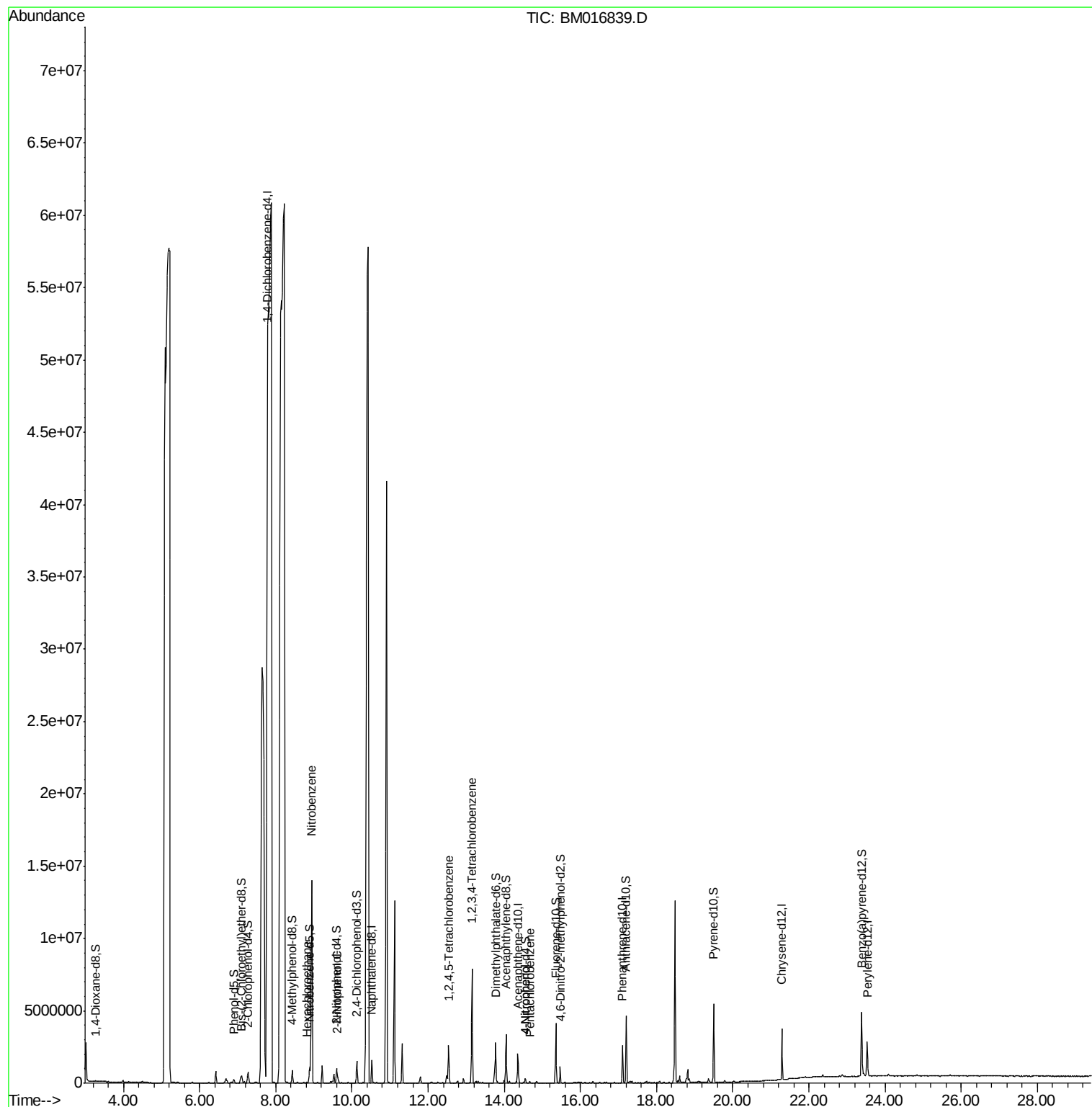
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
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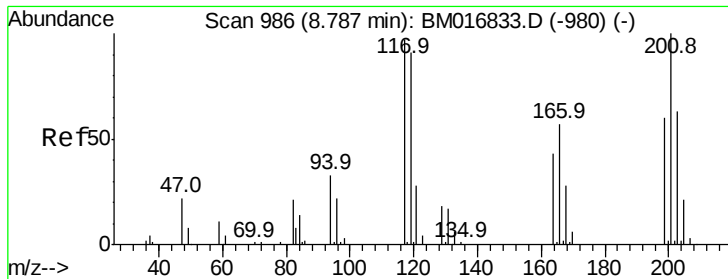
Instrument :
BNA_M
ClientSampleId :
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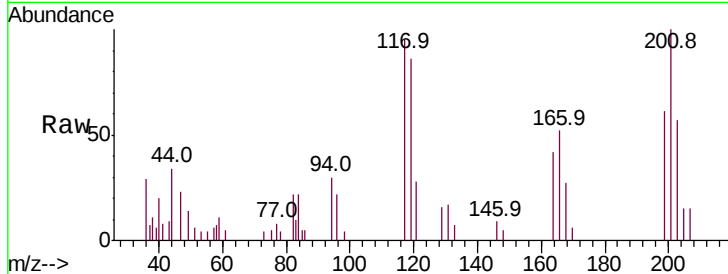
#17
Hexachloroethane
Concen: 2.351 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. 0.02 min
Lab File: BM016839.D
Acq: 21 Sep 2018 19:17

Instrument :
BNA_M
ClientSampled :
C08K5

Tot Ion	Ratio	Lower	Upper
117	100		
201	105.1	96.1	144.1
199	64.3	59.7	89.5

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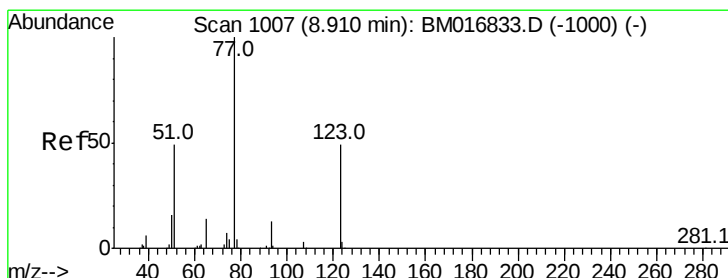
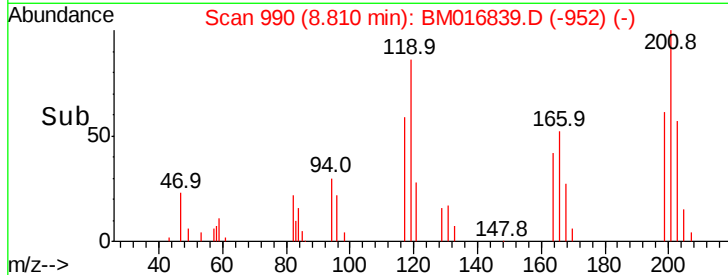
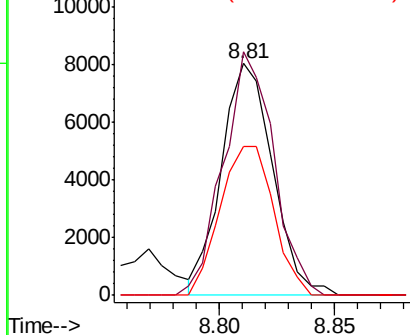


Abundance

Ion 117.00 (116.70 to 117.70): E

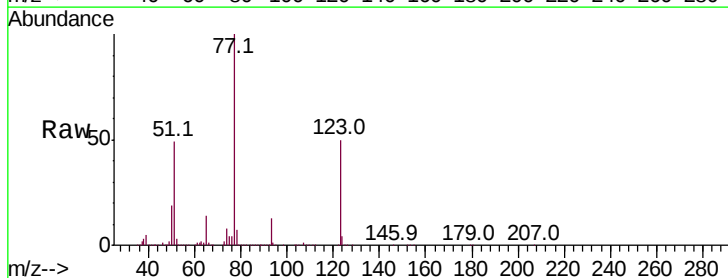
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20
Nitrobenzene
Concen: 412.272 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. 0.04 min
Lab File: BM016839.D
Acq: 21 Sep 2018 19:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	31.8	47.8#
65	14.0	10.6	16.0

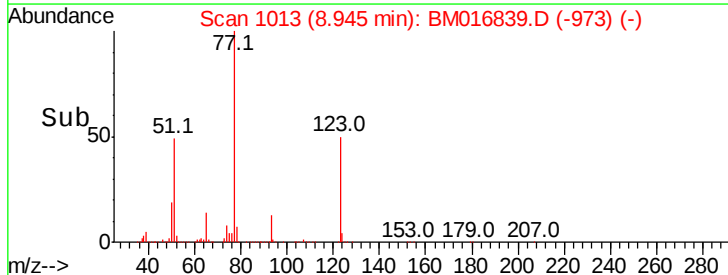
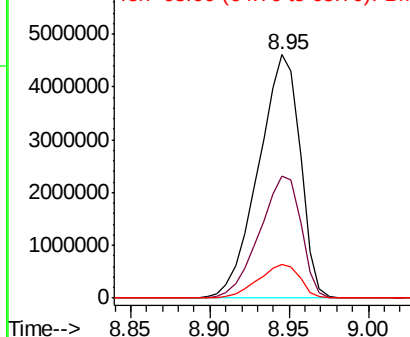


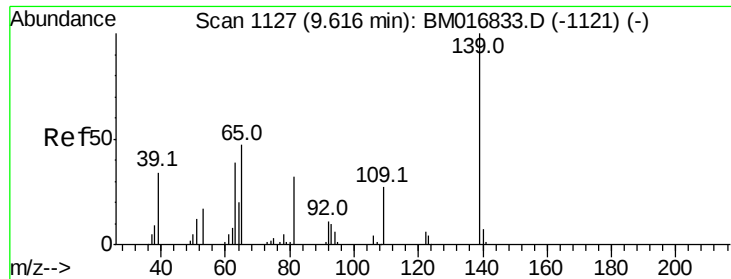
Abundance

Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#23

2-Nitrophenol

Concen: 13.681 ng/ul

RT: 9.63 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BM016839.D

Acq: 21 Sep 2018 19:17

Instrument :

BNA_M

ClientSampleId :

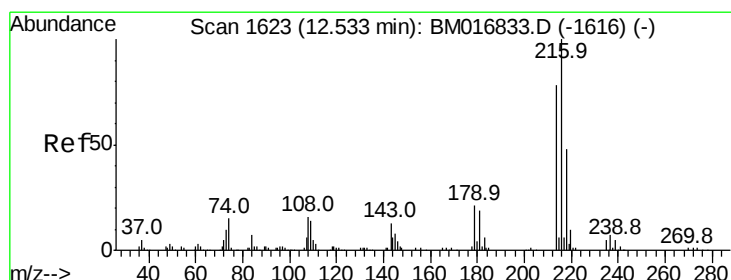
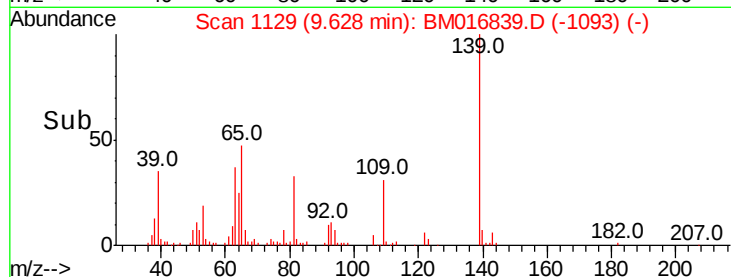
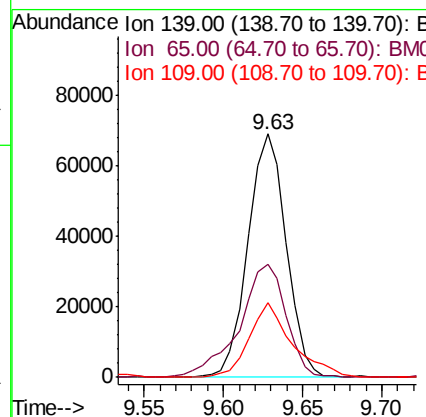
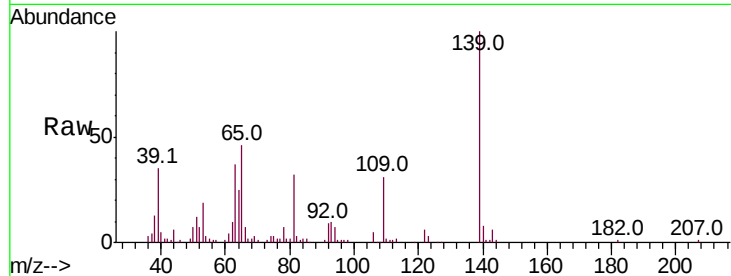
C08K5

Tot Ion:	139	Resp:	116260
Ion Ratio	Lower	Upper	
139	100		
65	46.3	45.3	67.9
109	30.5	27.7	41.5

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#37

1,2,4,5-Tetrachlorobenzene

Concen: 41.148 ng/ul

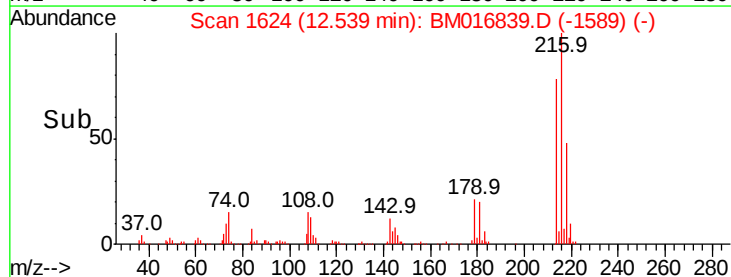
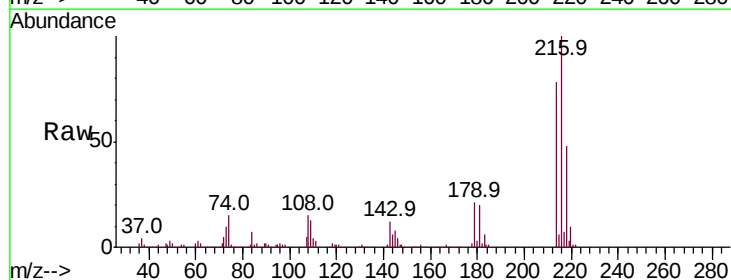
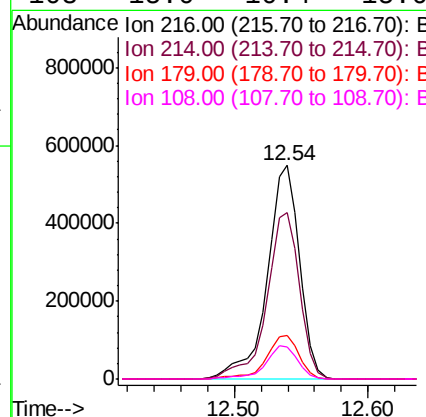
RT: 12.54 min Scan# 1624

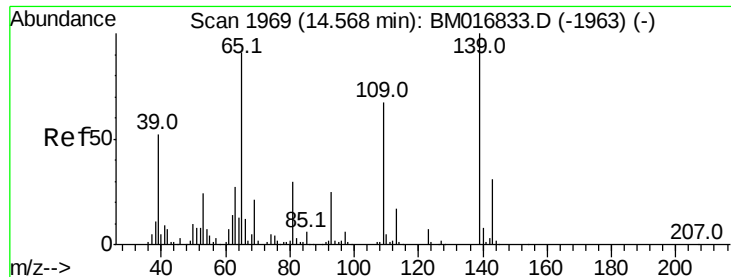
Delta R.T. 0.01 min

Lab File: BM016839.D

Acq: 21 Sep 2018 19:17

Tgt Ion:	216	Resp:	926824
Ion Ratio	Lower	Upper	
216	100		
214	77.9	64.1	96.1
179	20.6	14.5	21.7
108	15.0	10.4	15.6





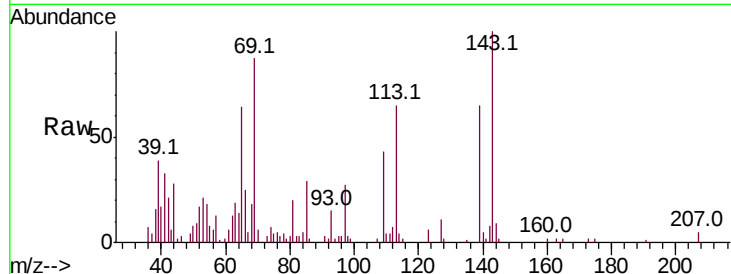
#53
4-Nitrophenol
Concen: 2.246 ng/ul
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM016839.D
Acq: 21 Sep 2018 19:17

Instrument :
BNA_M
ClientSampled :
C08K5

Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	150.7	91.2	136.8#	
65	149.0	92.6	139.0#	

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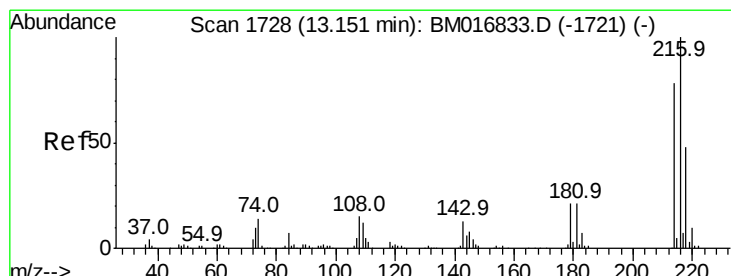
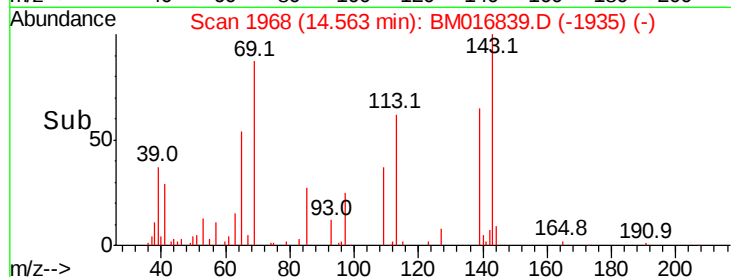
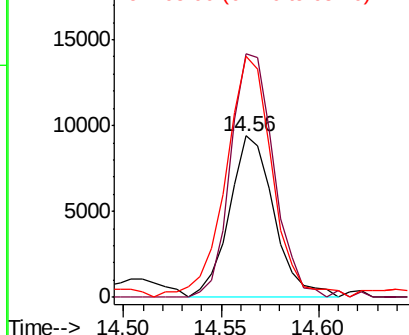


Abundance

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: 102.561 ng/uL
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM016839.D
Acq: 21 Sep 2018 19:17

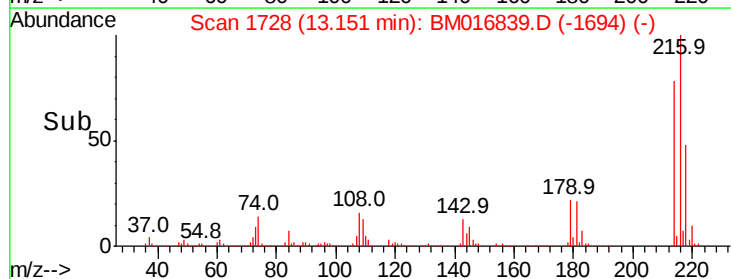
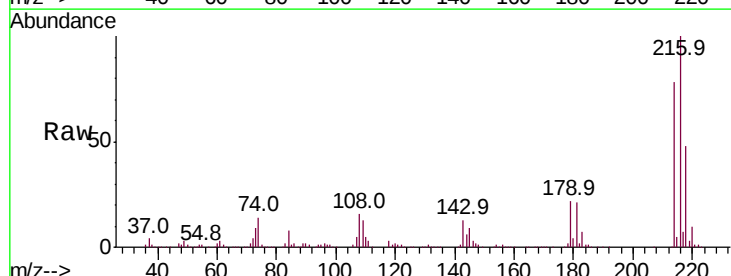
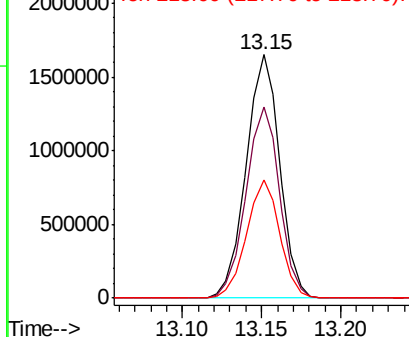
Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	64.1	96.1	
218	48.5	39.4	59.0	

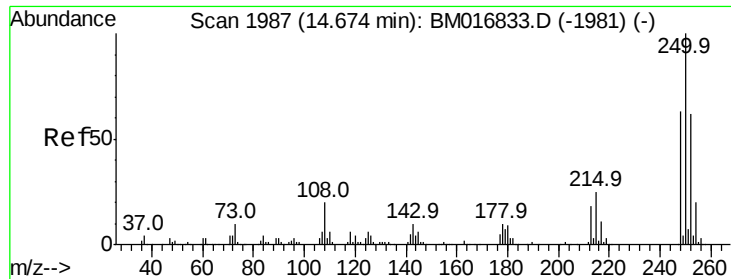
Abundance

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: 1.293 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016839.D

Acq: 21 Sep 2018 19:17

Instrument :

BNA_M

ClientSampleId :

C08K5

Tot Ion: 250 Resp: 27661

Ion Ratio Lower Upper

250 100

248 64.0 51.4 77.2

252 67.6 49.8 74.6

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