

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 :
 C08R7

Manual Integrations
 APPROVED

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Quant Time: Sep 22 03:43:07 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	8.43	113	351339m	25.51	ng/ul	0.01
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	
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
27) 2,4-Dichlorophenol	10.20	162	27241m	1.458	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	1064606m	46.303	ng/ul	
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

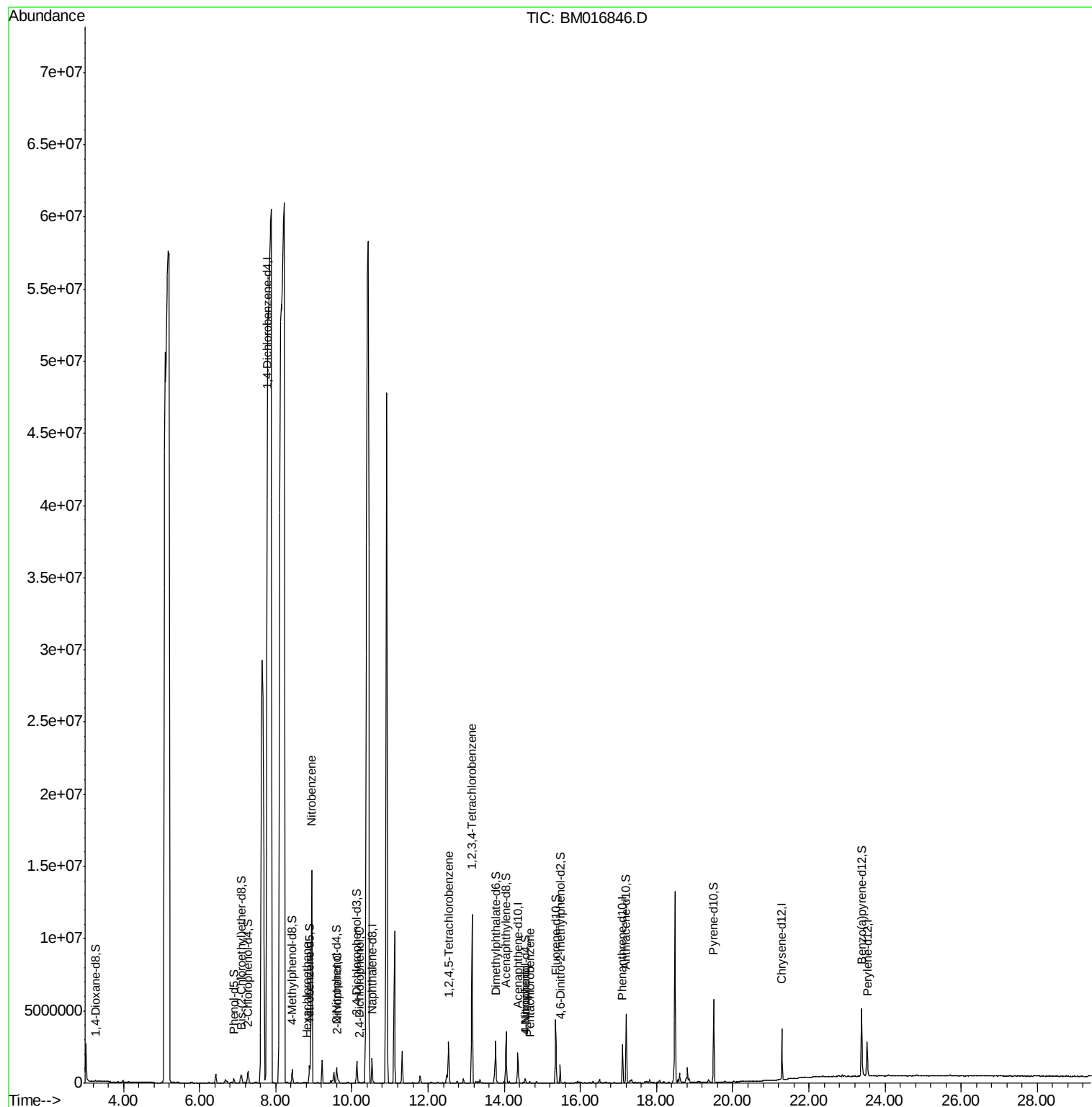
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016846.D
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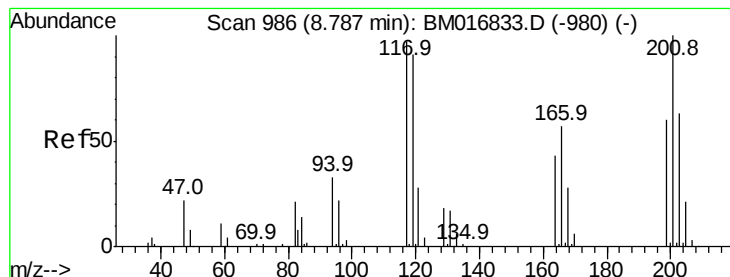
Instrument :
BNA_M
ClientSampleId :
C08R7

Quant Time: Sep 22 03:43:07 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
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#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

Instrument :

BNA_M

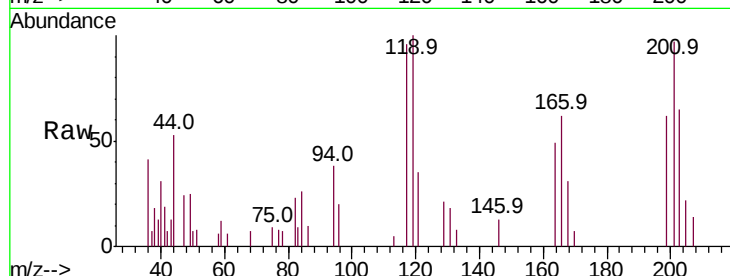
ClientSampled :

C08R7

Tot Ion	Ratio	Lower	Upper
117	100		
201	100.9	96.1	144.1
199	64.6	59.7	89.5

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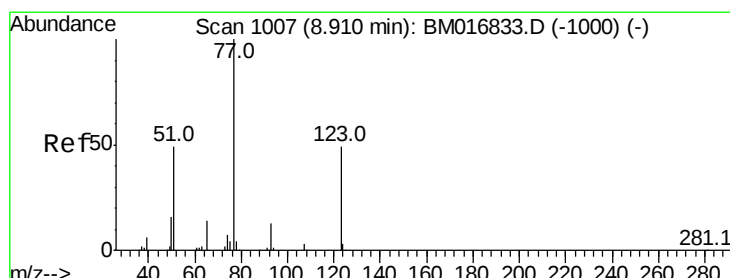
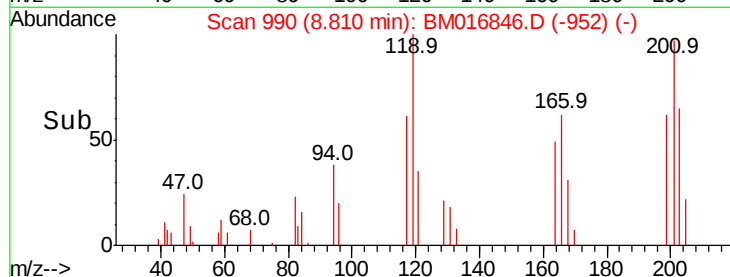
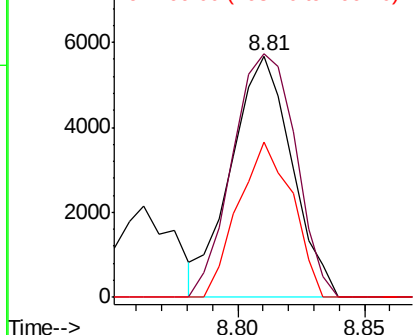


Abundance

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: 408.373 ng/ul

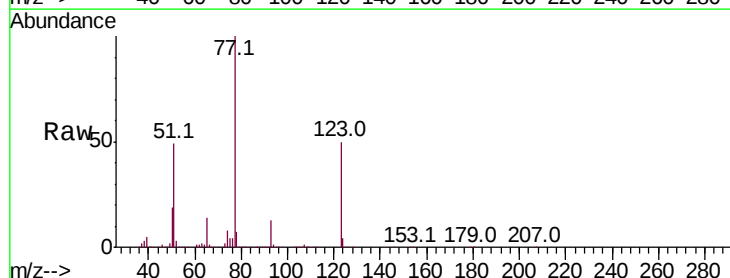
RT: 8.95 min Scan# 1013

Delta R.T. 0.04 min

Lab File: BM016846.D

Acq: 21 Sep 2018 23:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	31.8	47.8#
65	13.9	10.6	16.0

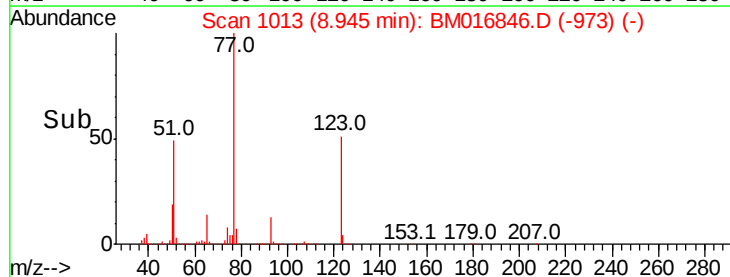
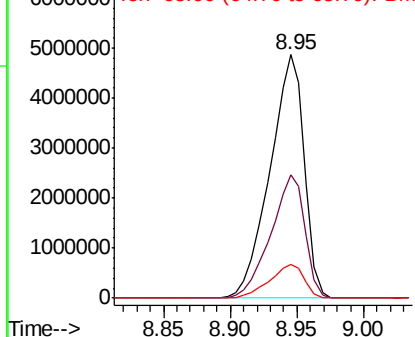


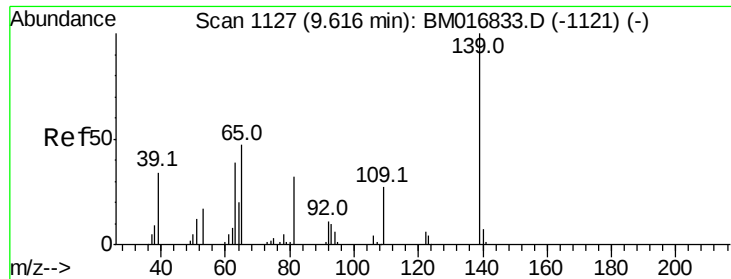
Abundance

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: 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

Instrument :

BNA_M

ClientSampled :

C08R7

Tot Ion:139 Resp: 85427

Ion Ratio Lower Upper

139 100

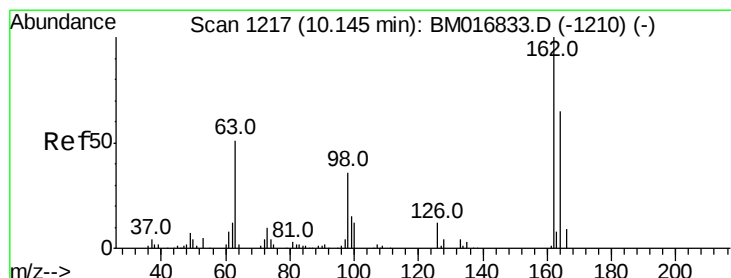
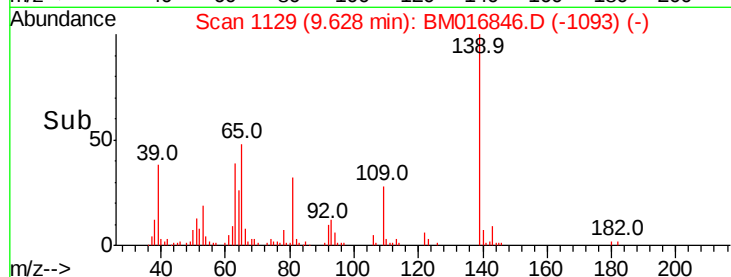
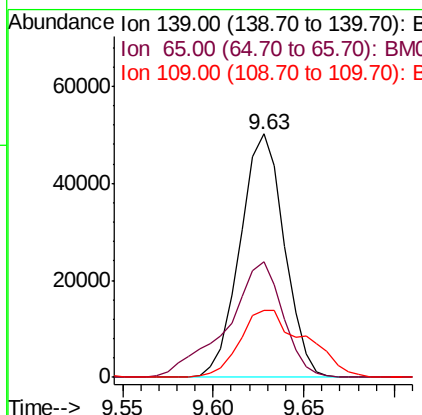
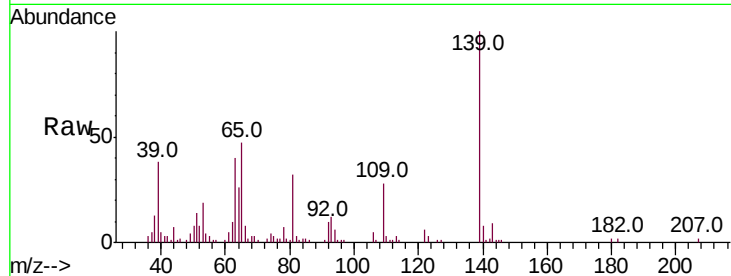
65 47.5 45.3 67.9

109 27.5 27.7 41.5#

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#27

2,4-Dichlorophenol

Concen: 1.458 ng/ul m

RT: 10.20 min Scan# 1226

Delta R.T. 0.05 min

Lab File: BM016846.D

Acq: 21 Sep 2018 23:30

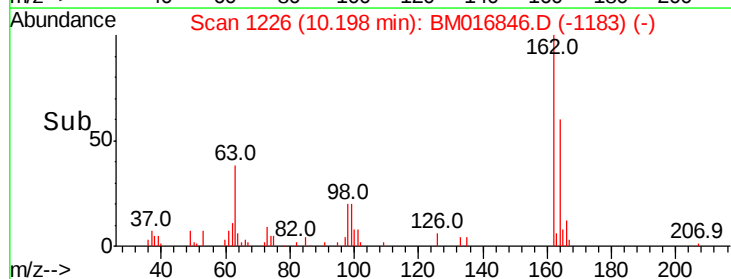
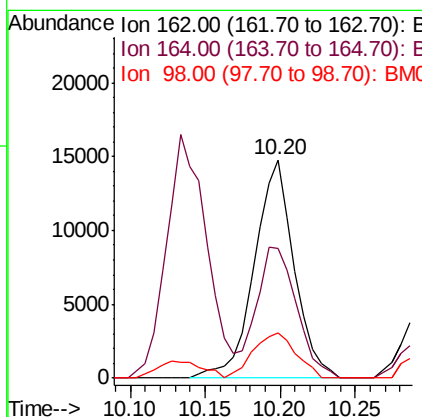
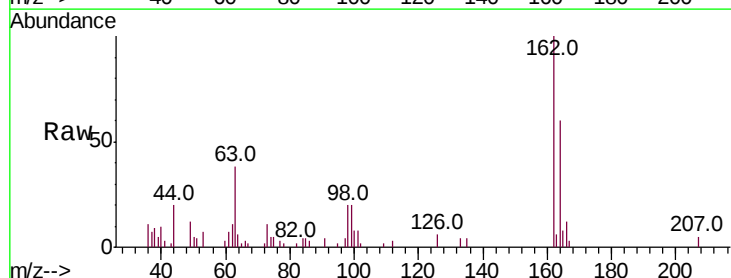
Tgt Ion:162 Resp: 27241

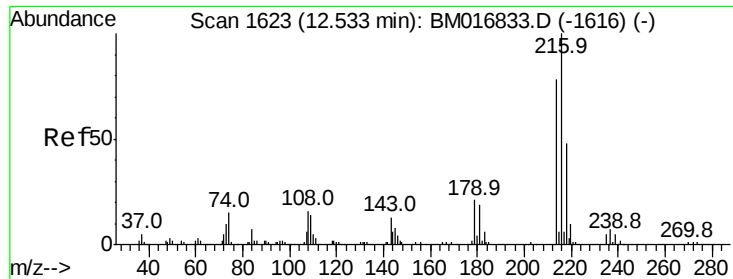
Ion Ratio Lower Upper

162 100

164 59.5 52.0 78.0

98 20.5 26.6 39.8#





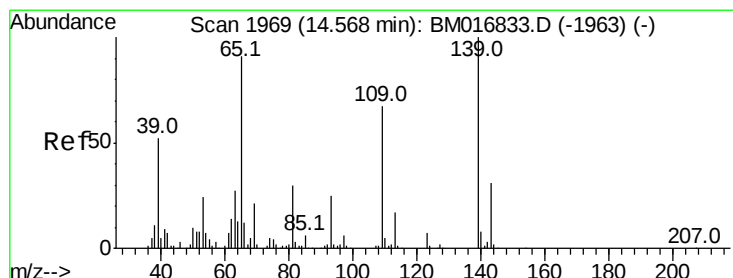
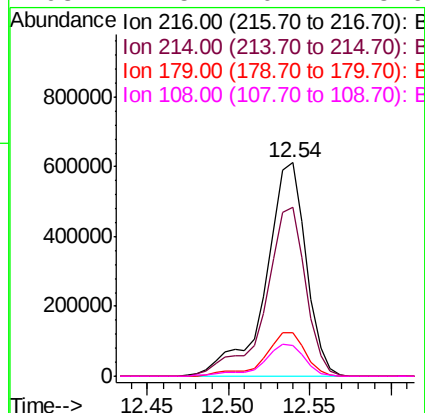
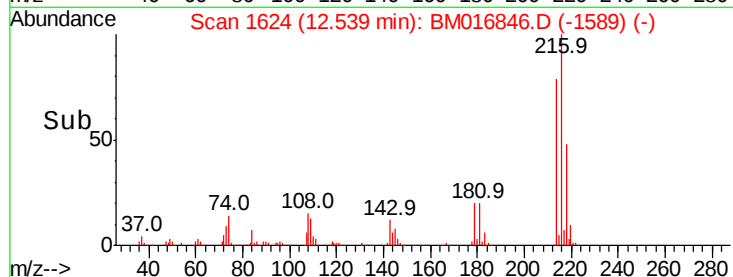
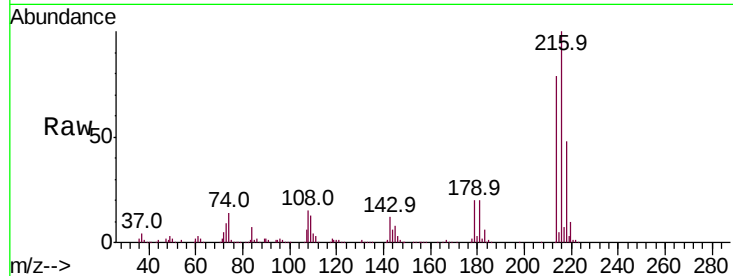
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.303 ng/ul m
 RT: 12.54 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BM016846.D
 Acq: 21 Sep 2018 23:30

Instrument :
 BNA_M
 ClientSampled :
 C08R7

Tot 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

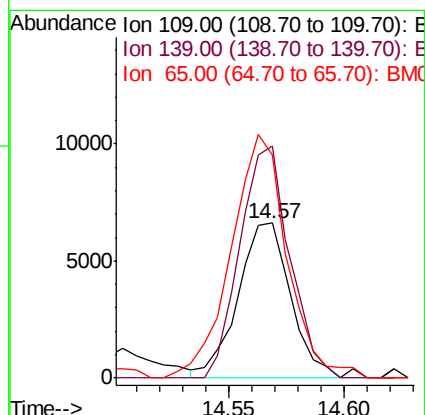
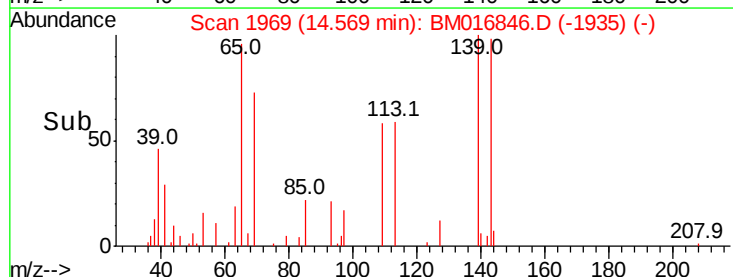
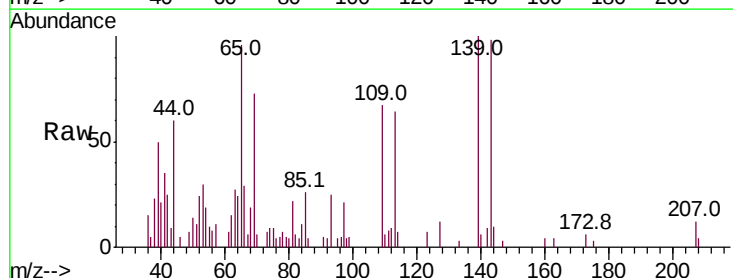
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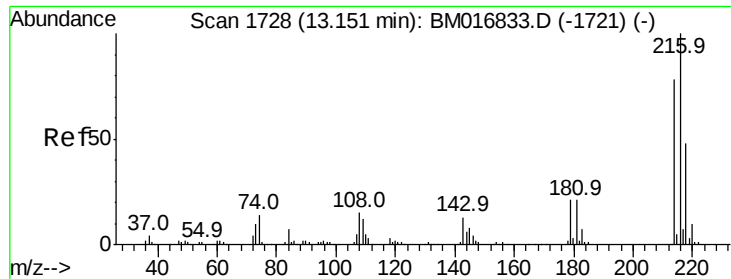
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#53
 4-Nitrophenol
 Concen: 1.550 ng/ul
 RT: 14.57 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM016846.D
 Acq: 21 Sep 2018 23:30

Tgt Ion	Ratio	Lower	Upper
109	100		
139	149.6	91.2	136.8#
65	143.9	92.6	139.0#





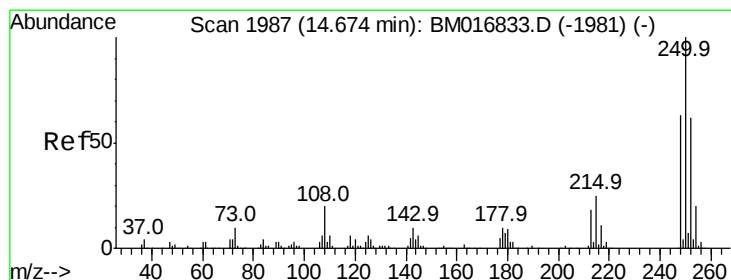
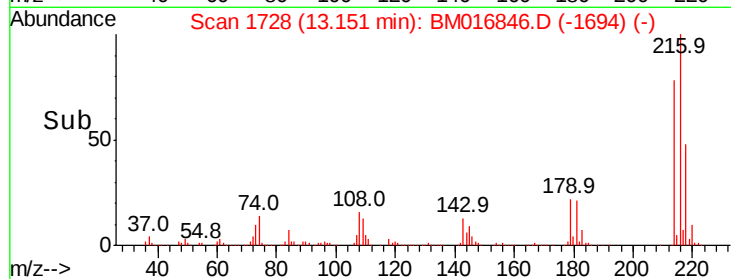
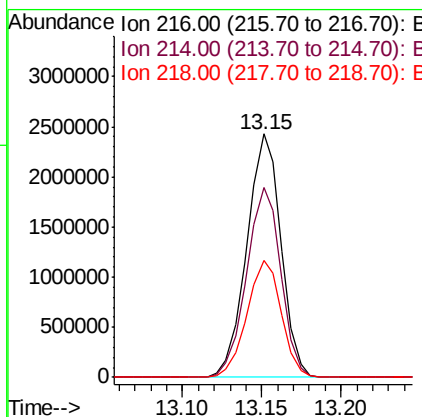
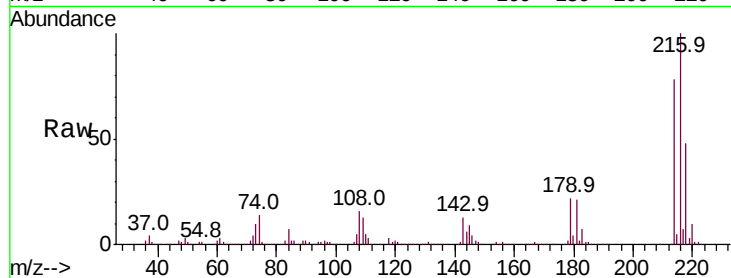
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 149.356 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BM016846.D
 Acq: 21 Sep 2018 23:30

Instrument :
 BNA_M
 ClientSampleId :
 C08R7

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.1	96.1
218	48.2	39.4	59.0

Manual Integrations
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#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

Tgt Ion	Ratio	Lower	Upper
250	100		
248	57.9	51.4	77.2
252	70.5	49.8	74.6

