

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016826.D
 Acq On : 21 Sep 2018 11:30
 Operator : SJ/JU
 Sample : J5012-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08N2

Manual Integrations
 APPROVED

Sohil
 9/24/2018 5:26:57 PM

Quant Time: Sep 22 01:36:49 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	244145	20.00	ng/ul	0.04
18) Naphthalene-d8	10.52	136	1188204	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	634098	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1393854	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1557210	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1651158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	36728	6.43	ng/uL	0.00
5) Phenol-d5	6.89	99	150035	7.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	465435	36.50	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	512622	30.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	304973	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	317789	40.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.59	143	321201	45.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	563504	31.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	4032	0.19	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1824228	35.83	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2218774	33.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	58514	7.00	ng/ul	0.00
58) Fluorene-d10	15.36	176	1614403	36.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	227572	39.77	ng/ul	0.00
71) Anthracene-d10	17.20	188	2387660	35.50	ng/ul	0.00
79) Pyrene-d10	19.50	212	2721089	36.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3091965	35.90	ng/ul	0.00

Target Compounds

				Ovalue	
17) Hexachloroethane	8.80	117	7470	1.127	ng/ul 87
20) Nitrobenzene	8.92	77	1082681	54.822	ng/ul# 89
23) 2-Nitrophenol	9.62	139	44518	5.433	ng/ul# 84
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	1076360m	49.426	ng/ul
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	3525563	152.825	ng/uL 98
74) Pentachlorobenzene	14.67	250	38510	1.851	ng/uL 93

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

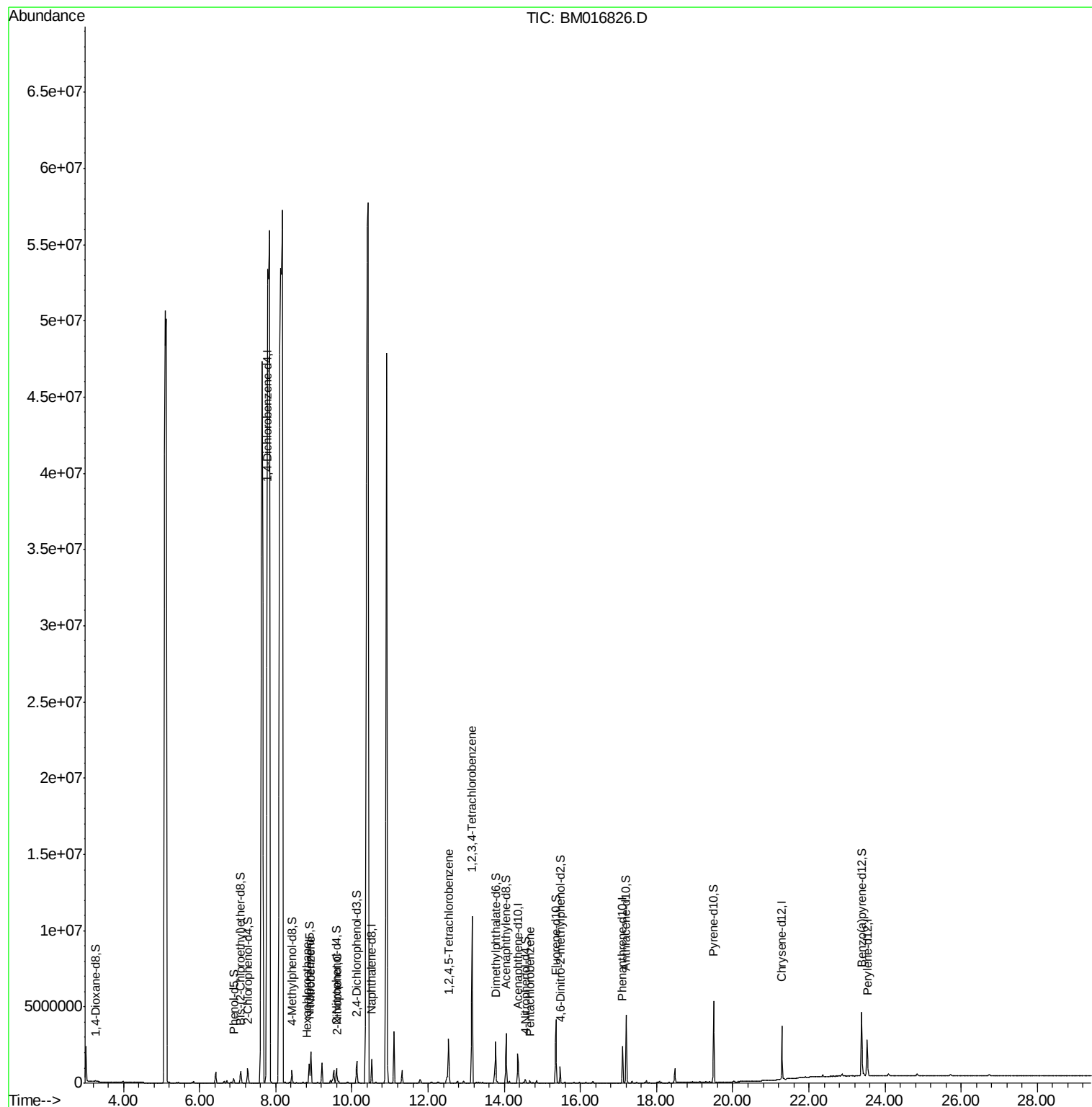
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
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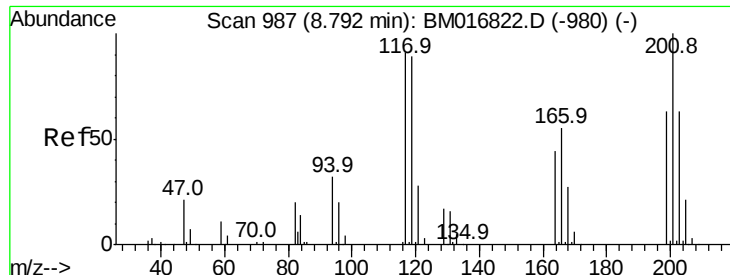
Instrument :
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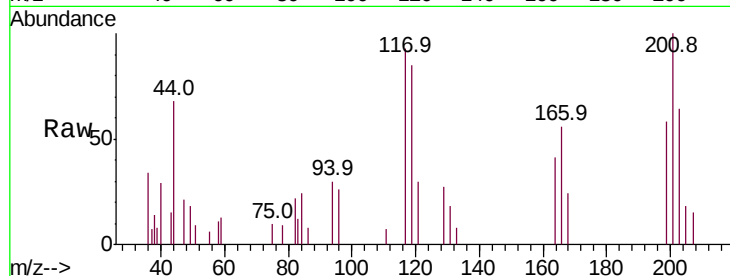
#17
Hexachloroethane
Concen: 1.127 ng/ul
RT: 8.80 min Scan# 989
Delta R.T. 0.01 min
Lab File: BM016826.D
Acq: 21 Sep 2018 11:30

Instrument :
BNA_M
ClientSampled :
C08N2

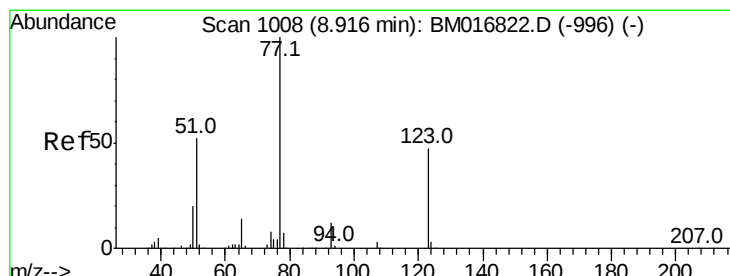
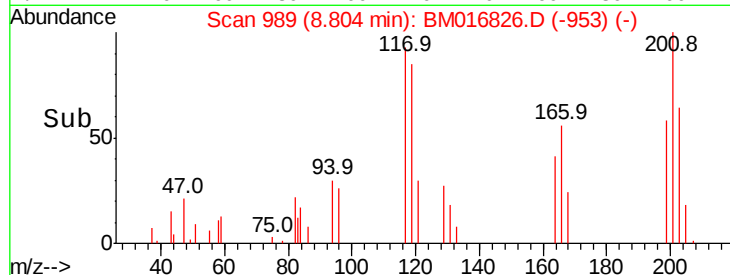
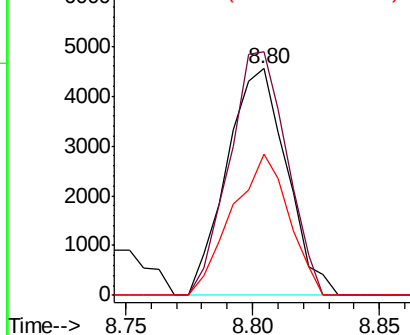
Tot Ion:117 Resp: 7470
Ion Ratio Lower Upper
117 100
201 107.4 96.1 144.1
199 62.1 59.7 89.5

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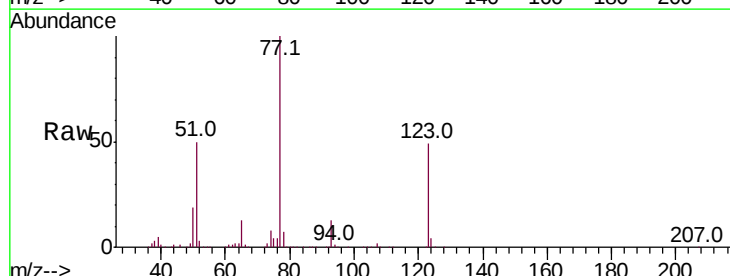


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

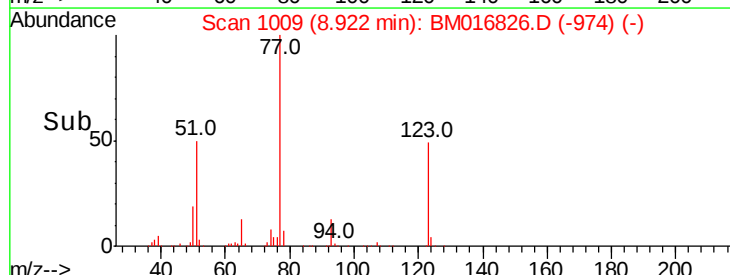
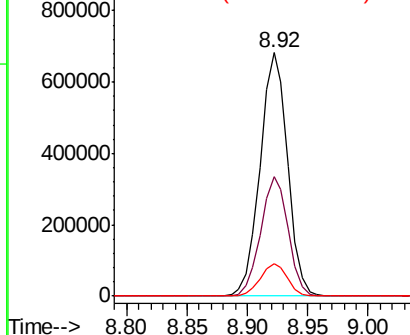


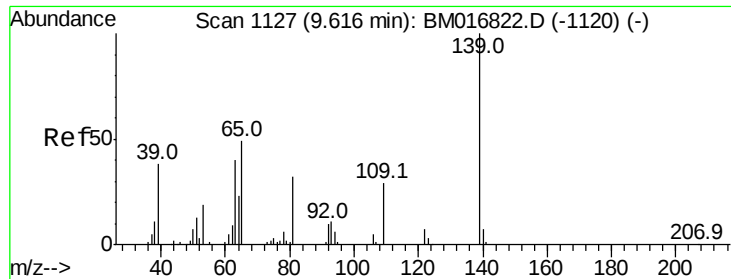
#20
Nitrobenzene
Concen: 54.822 ng/ul
RT: 8.92 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BM016826.D
Acq: 21 Sep 2018 11:30

Tgt Ion: 77 Resp: 1082681
Ion Ratio Lower Upper
77 100
123 48.9 31.8 47.8#
65 13.4 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





#23

2-Nitrophenol

Concen: 5.433 ng/ul

RT: 9.62 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BM016826.D

Acq: 21 Sep 2018 11:30

Instrument :

BNA_M

ClientSampled :

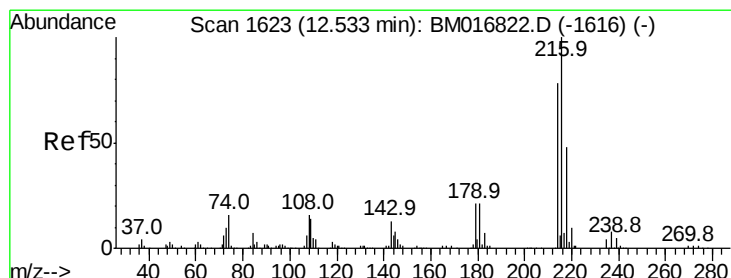
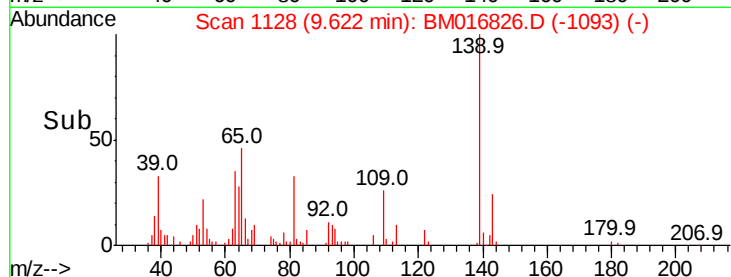
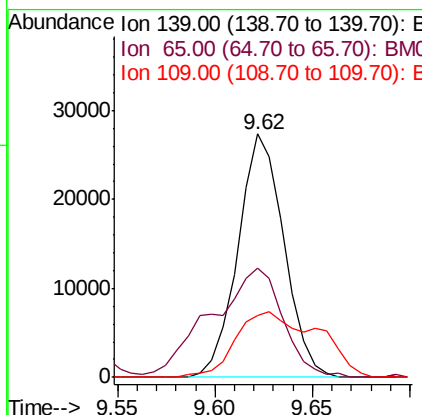
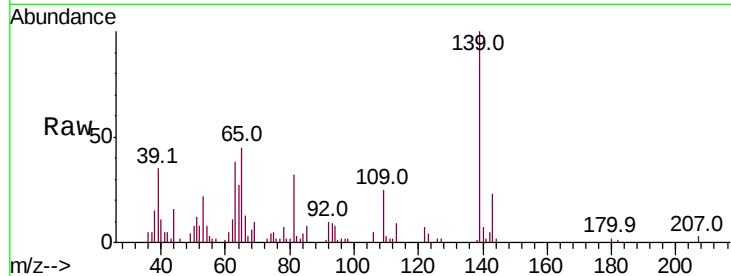
C08N2

Tot Ion:	139	Resp:	44518
Ion Ratio	Lower	Upper	
139	100		
65	44.7	45.3	67.9#
109	25.4	27.7	41.5#

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#37

1,2,4,5-Tetrachlorobenzene

Concen: 49.426 ng/ul m

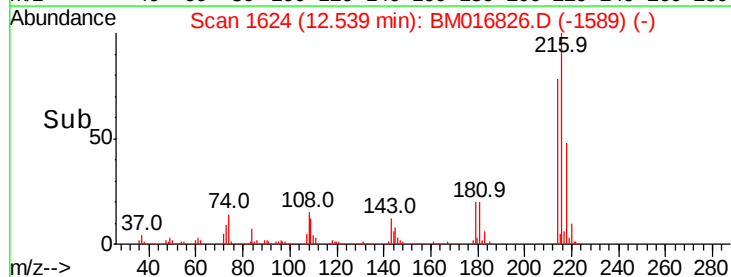
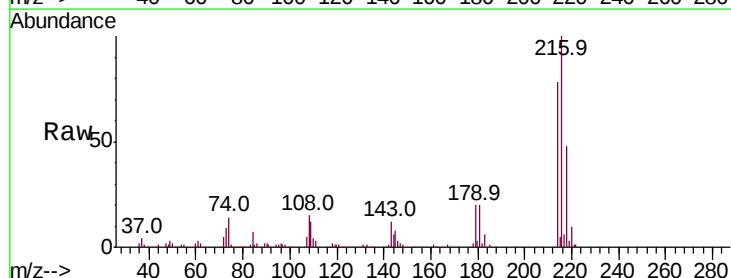
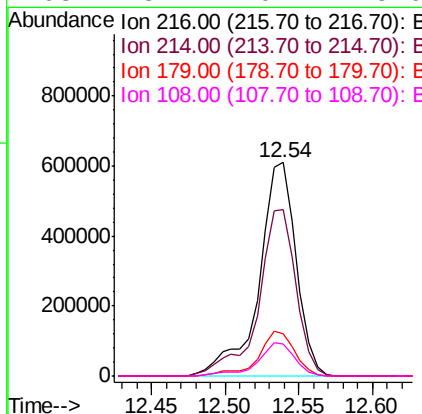
RT: 12.54 min Scan# 1624

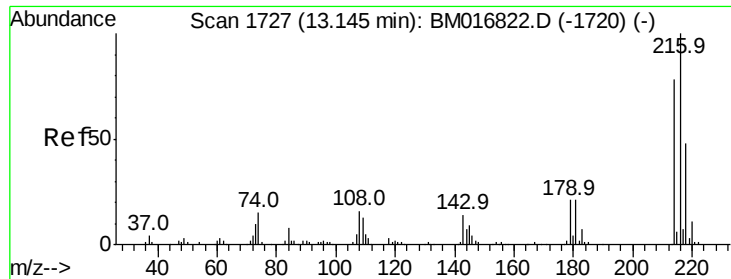
Delta R.T. 0.01 min

Lab File: BM016826.D

Acq: 21 Sep 2018 11:30

Tgt Ion:	216	Resp:	1076360
Ion Ratio	Lower	Upper	
216	100		
214	77.8	64.1	96.1
179	19.8	14.5	21.7
108	15.2	10.4	15.6





#73

1,2,3,4-Tetrachlorobenzene

Concen: 152.825 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. 0.01 min

Lab File: BM016826.D

Acq: 21 Sep 2018 11:30

Instrument :

BNA_M

ClientSampleId :

C08N2

Tot Ion:216 Resp: 3525563

Ion Ratio Lower Upper

216 100

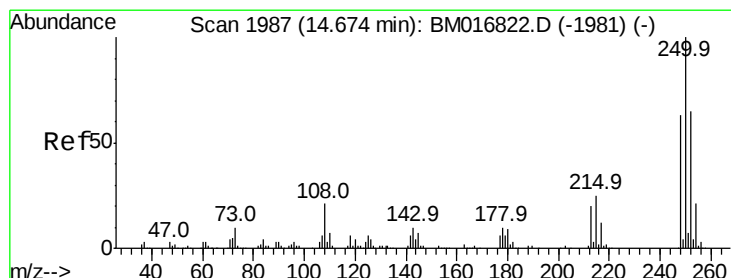
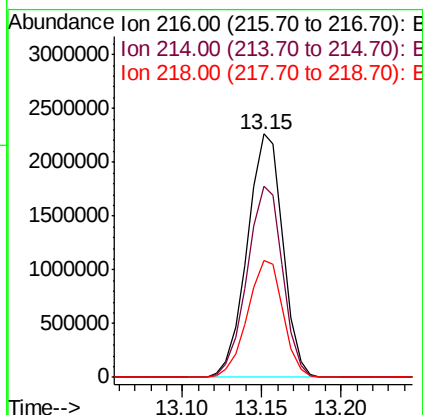
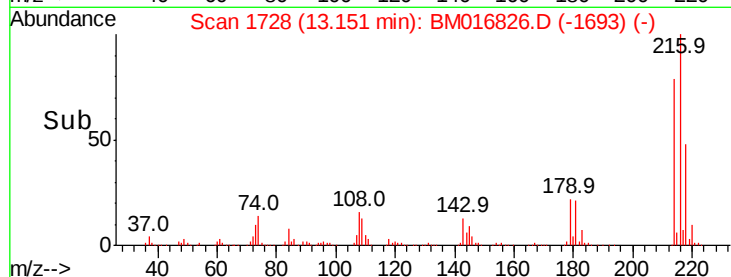
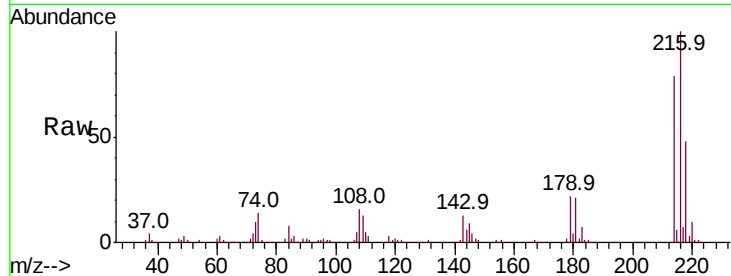
214 78.7 64.1 96.1

218 47.9 39.4 59.0

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#74

Pentachlorobenzene

Concen: 1.851 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016826.D

Acq: 21 Sep 2018 11:30

Tgt Ion:250 Resp: 38510

Ion Ratio Lower Upper

250 100

248 70.7 51.4 77.2

252 67.5 49.8 74.6

