

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016853.D
 Acq On : 22 Sep 2018 04:22
 Operator : SJ/JU
 Sample : J5012-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08Q8

Manual Integrations
 APPROVED

Sohil
 9/24/2018 5:27:23 PM

Quant Time: Sep 24 15:03:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 05:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	278157	20.00	ng/ul	0.02
18) Naphthalene-d8	10.50	136	1147259	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	608335	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1322990	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1497601	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1640044	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	37546	5.77	ng/uL	0.00
5) Phenol-d5	6.89	99	144875	6.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	434657	29.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	481397	25.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	285801	15.74	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	300394	39.85	ng/ul	0.01
22) 2-Nitrophenol-d4	9.59	143	310443	45.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	525597	30.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	20122	0.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1696755	34.74	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	2160327	34.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	51088	6.37	ng/ul	0.00
58) Fluorene-d10	15.35	176	1513897	35.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	214984	39.58	ng/ul	0.00
71) Anthracene-d10	17.20	188	2323729	36.40	ng/ul	0.00
79) Pyrene-d10	19.50	212	2586539	35.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3046382	35.61	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.92	94	31975	1.365	ng/ul 98
10) 2-Chlorophenol	7.29	128	50851	2.644	ng/ul 99
20) Nitrobenzene	8.95	77	14878224	780.254	ng/ul# 85
23) 2-Nitrophenol	9.62	139	18919	2.391	ng/ul 95
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	104501m	5.002	ng/ul
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	312903	14.290	ng/uL 97

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

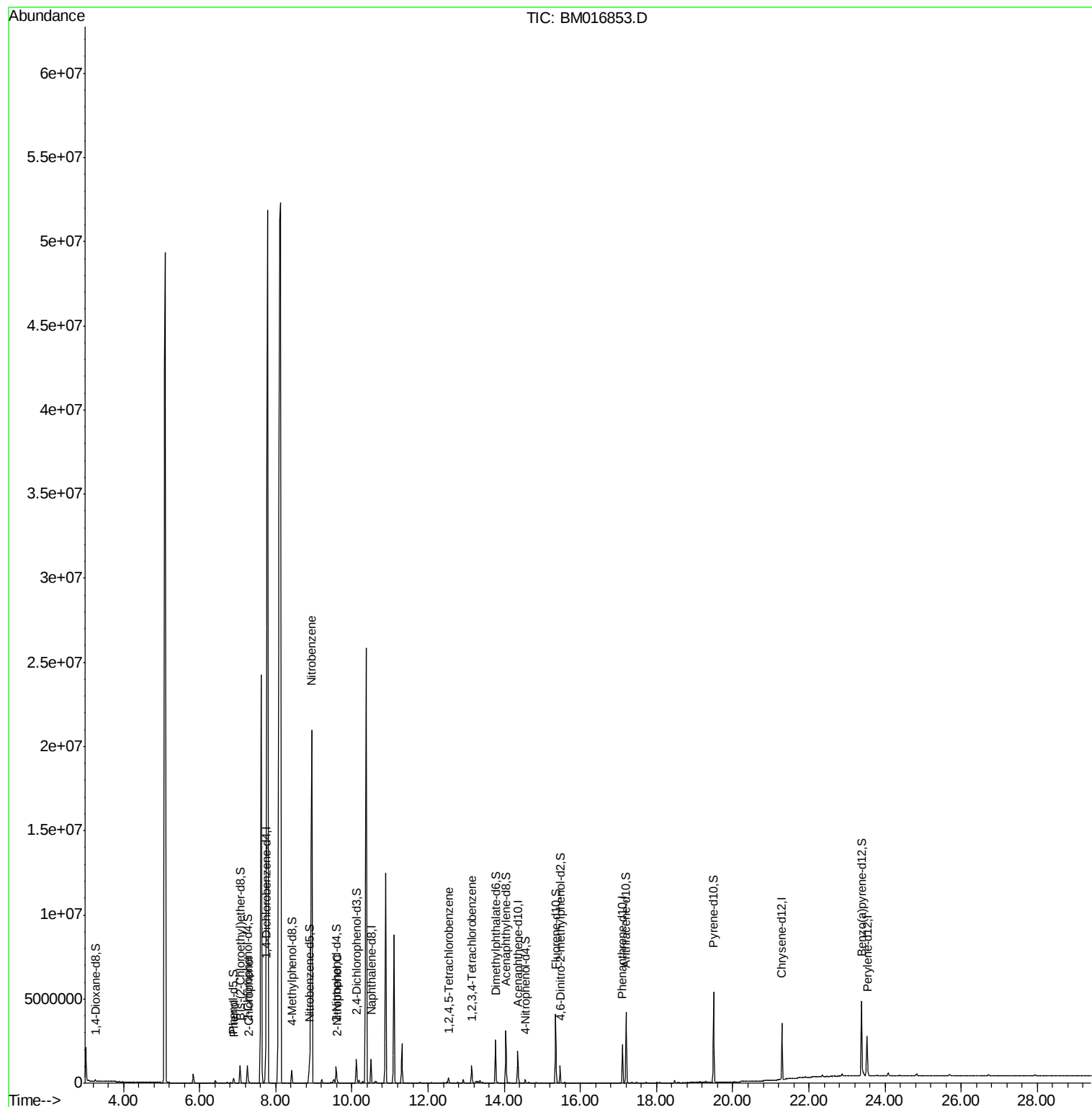
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
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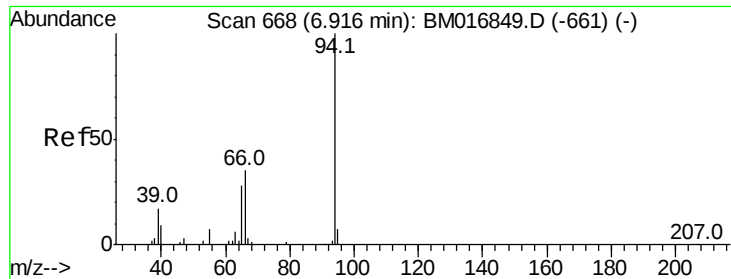
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#6

Phenol

Concen: 1.365 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: BM016853.D

Acq: 22 Sep 2018 04:22

Instrument :

BNA_M

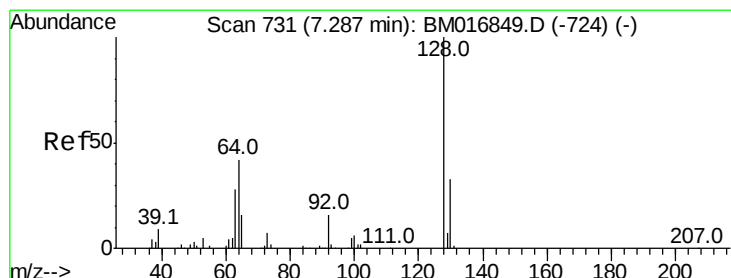
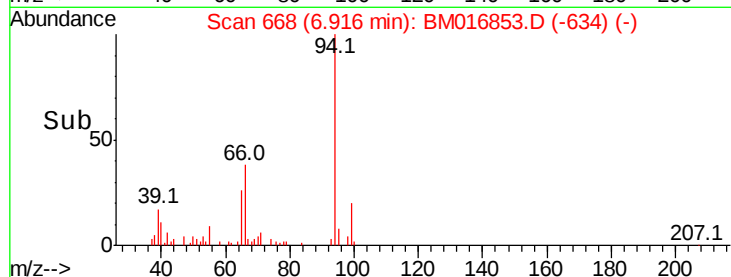
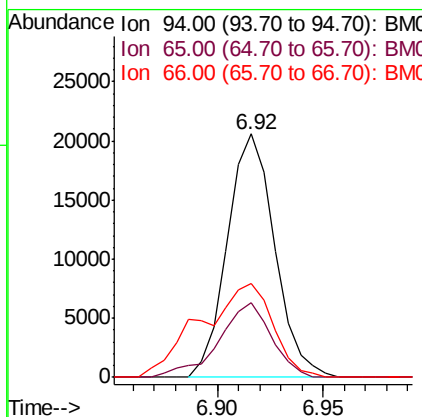
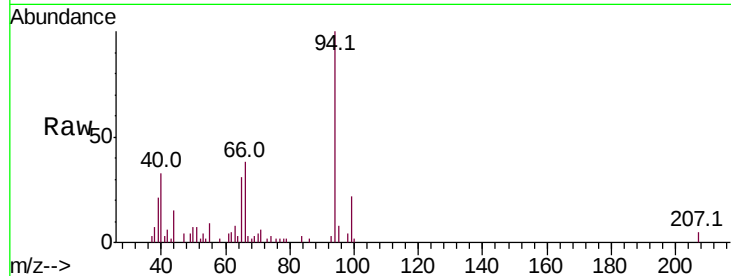
ClientSampled :

C08Q8

Tot Ion:	94	Resp:	31975
Ion Ratio	Lower	Upper	
94	100		
65	30.6	23.0	34.6
66	38.4	30.4	45.6

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#10

2-Chlorophenol

Concen: 2.644 ng/ul

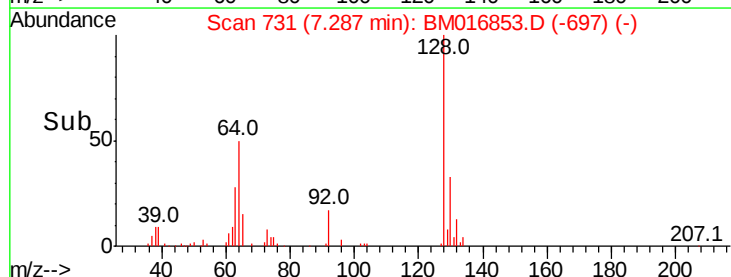
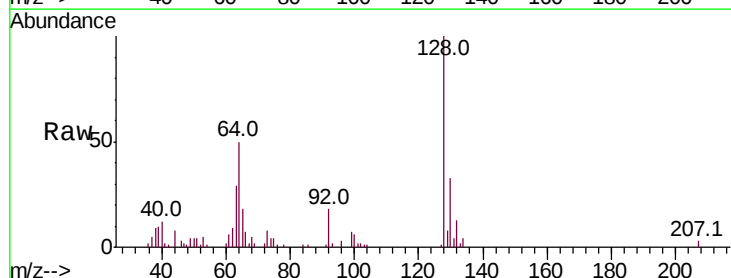
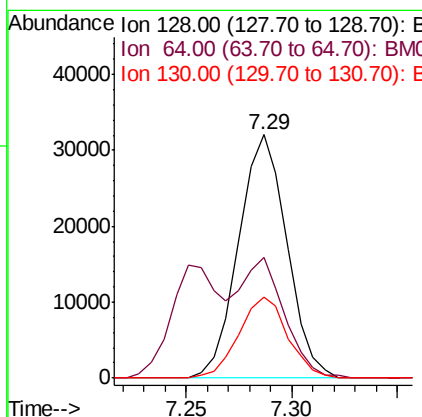
RT: 7.29 min Scan# 731

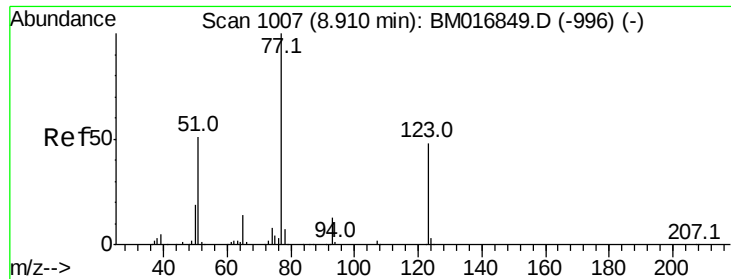
Delta R.T. -0.00 min

Lab File: BM016853.D

Acq: 22 Sep 2018 04:22

Tgt Ion:	128	Resp:	50851
Ion Ratio	Lower	Upper	
128	100		
64	49.6	39.8	59.6
130	33.3	25.8	38.8





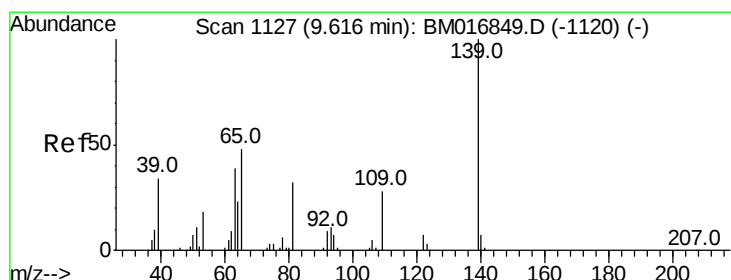
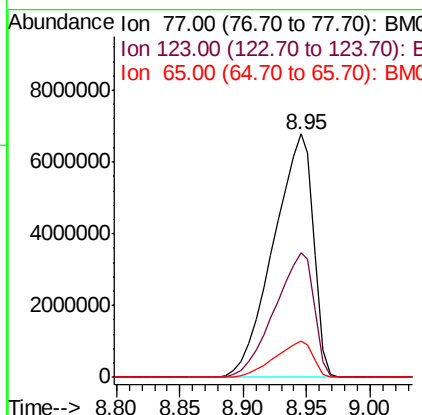
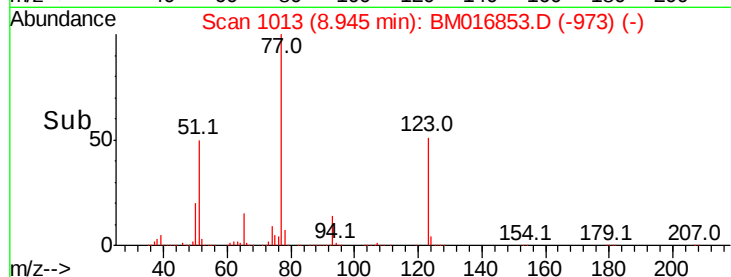
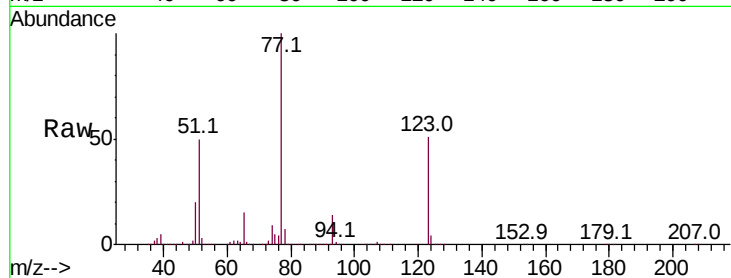
#20
Nitrobenzene
Concen: 780.254 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. 0.04 min
Lab File: BM016853.D
Acq: 22 Sep 2018 04:22

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Tot Ion: 77 Resp: 14878224
Ion Ratio Lower Upper
77 100
123 51.4 31.8 47.8#
65 14.6 10.6 16.0

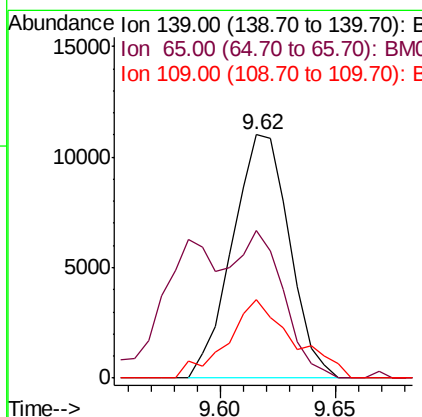
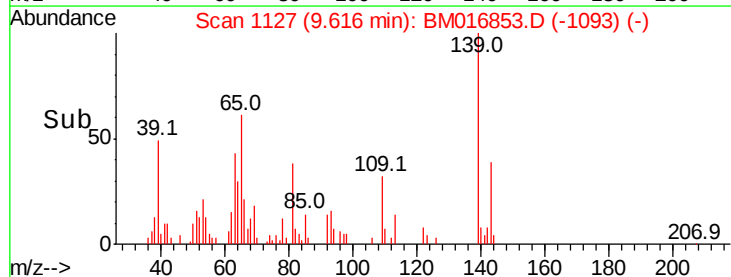
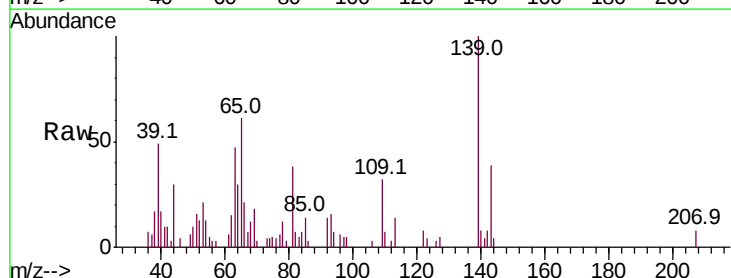
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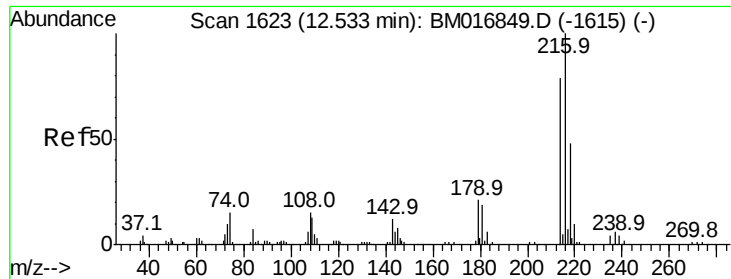
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#23
2-Nitrophenol
Concen: 2.391 ng/ul
RT: 9.62 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BM016853.D
Acq: 22 Sep 2018 04:22

Tgt Ion: 139 Resp: 18919
Ion Ratio Lower Upper
139 100
65 60.6 45.3 67.9
109 32.2 27.7 41.5





#37

1,2,4,5-Tetrachlorobenzene

Concen: 5.002 ng/uL

RT: 12.53 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BM016853.D

Acq: 22 Sep 2018 04:22

Instrument :

BNA_M

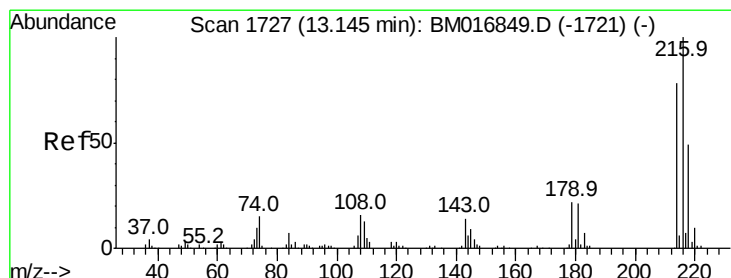
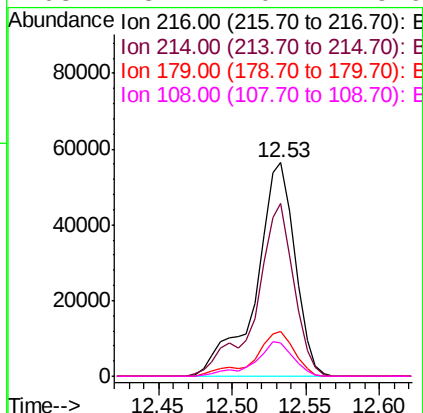
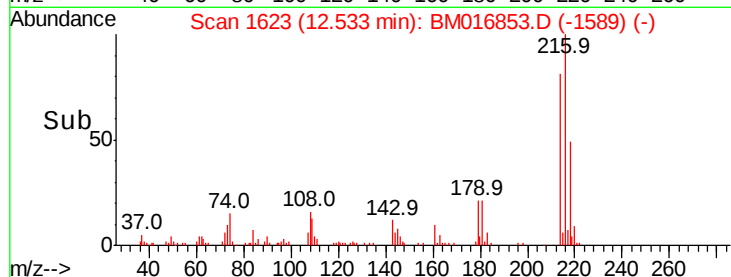
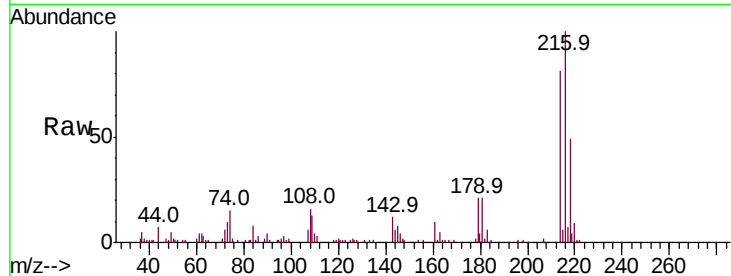
ClientSampled :

C08Q8

Tot Ion:	216	Resp:	104501
Ion Ratio	Lower	Upper	
216	100		
214	80.8	64.1	96.1
179	21.2	14.5	21.7
108	15.7	10.4	15.6#

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 14.290 ng/uL

RT: 13.14 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BM016853.D

Acq: 22 Sep 2018 04:22

Tgt Ion:	216	Resp:	312903
Ion Ratio	Lower	Upper	
216	100		
214	77.1	64.1	96.1
218	48.2	39.4	59.0

