Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016812.D
Acq On : 20 Sep 2018 00:49
Operator : SJ/JU
Sample : J4896-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 20 03:07:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 03:06:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	275518	20.00	ng/ul	0.04
18) Naphthalene-d8	10.53	136	1273375	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.36	164	681498	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1506299	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1665311	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1772359	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	63211	9.81	ng/uL	0.00
5) Phenol-d5	6.90	99	595215	25.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	367508	25.54	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	513327	27.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	646	0.04	ng/ul	0.06
19) Nitrobenzene-d5	8.88	128	237946	28.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	241256	31.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	472320	24.44	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	589642	25.27	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1367948	25.00	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1634766	23.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	244440	27.22	ng/ul	0.00
58) Fluorene-d10	15.36	176	1195687	25.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	172624	27.92	ng/ul	0.00
71) Anthracene-d10	17.21	188	1834796	25.25	ng/ul	0.00
79) Pyrene-d10	19.50	212	2087209	25.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	2385363	25.80	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.12	108	335678	19.308	ng/ul	99
20) Nitrobenzene	8.92	77	455506	21.522	ng/ul#	90
23) 2-Nitrophenol	9.63	139	9014	1.026	ng/ul#	87
28) Naphthalene	10.57	128	127822	1.952	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	350077	14.957	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	5350140	214.603	ng/uL	99
74) Pentachlorobenzene	14.67	250	149597	6.652	ng/uL	99

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

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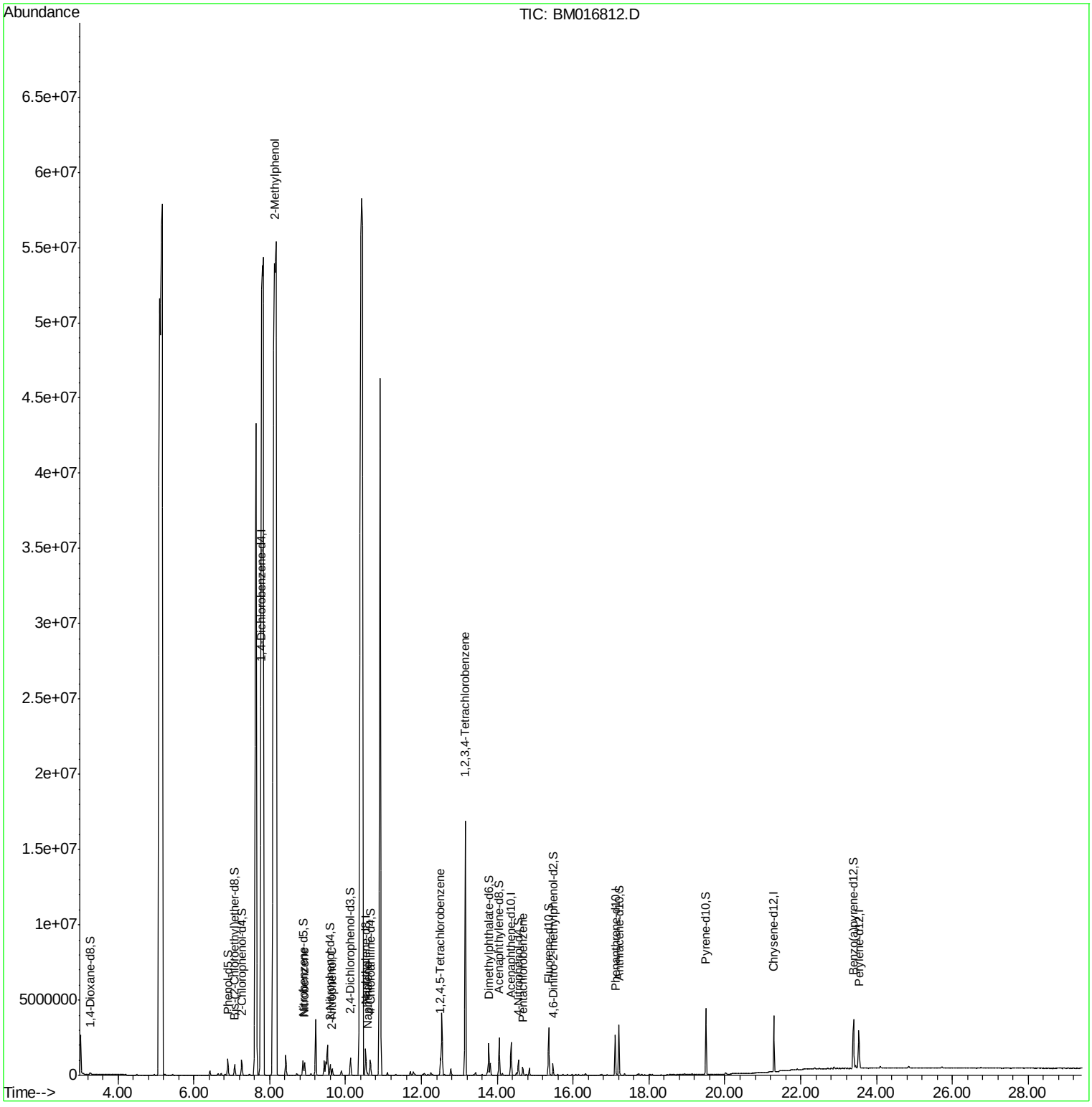
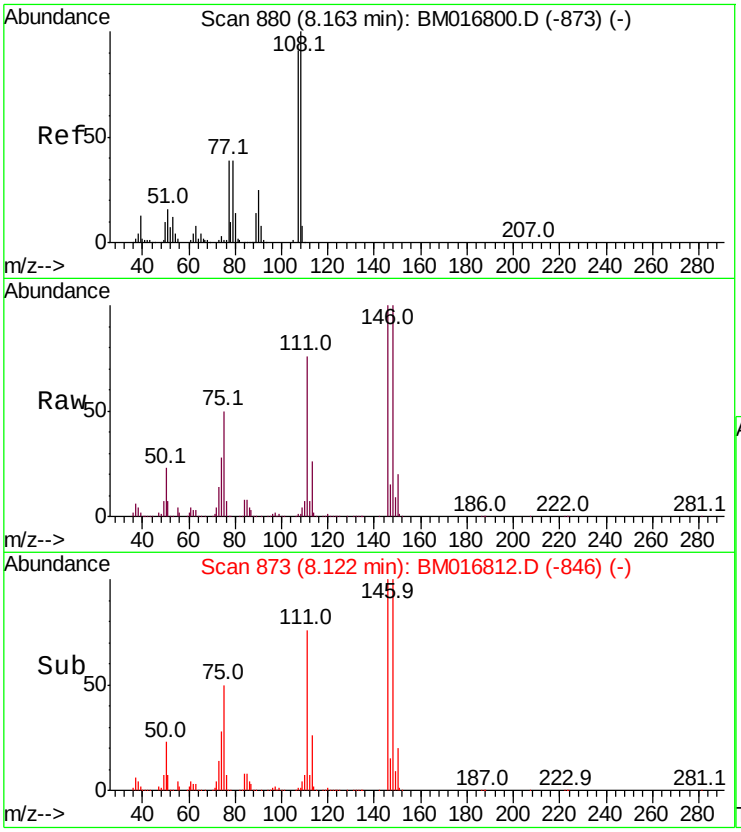


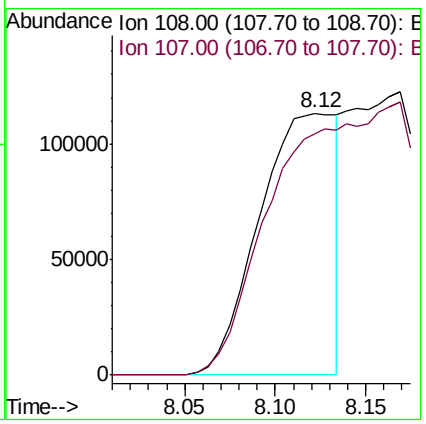


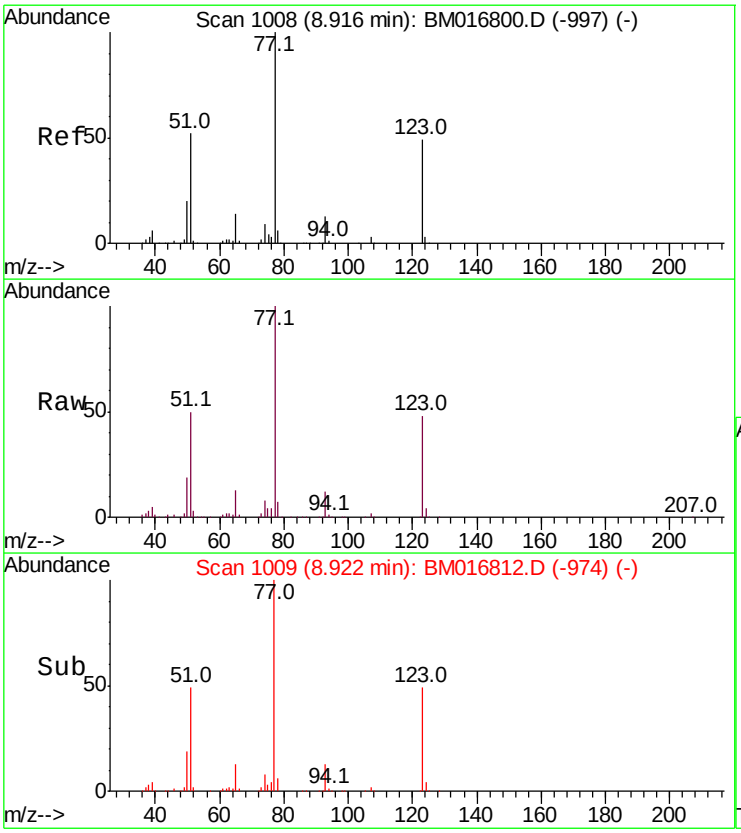
#11
2-Methylphenol
Concen: 19.308 ng/ul
RT: 8.12 min Scan# 873
Delta R.T. -0.04 min
Lab File: BM016812.D
Acq: 20 Sep 2018 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 335678

Ion	Ratio	Lower	Upper
108	100		
107	92.0	74.1	111.1

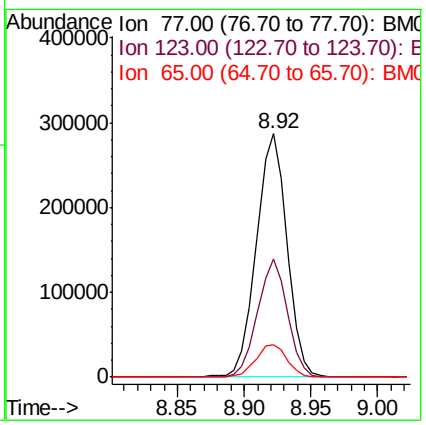


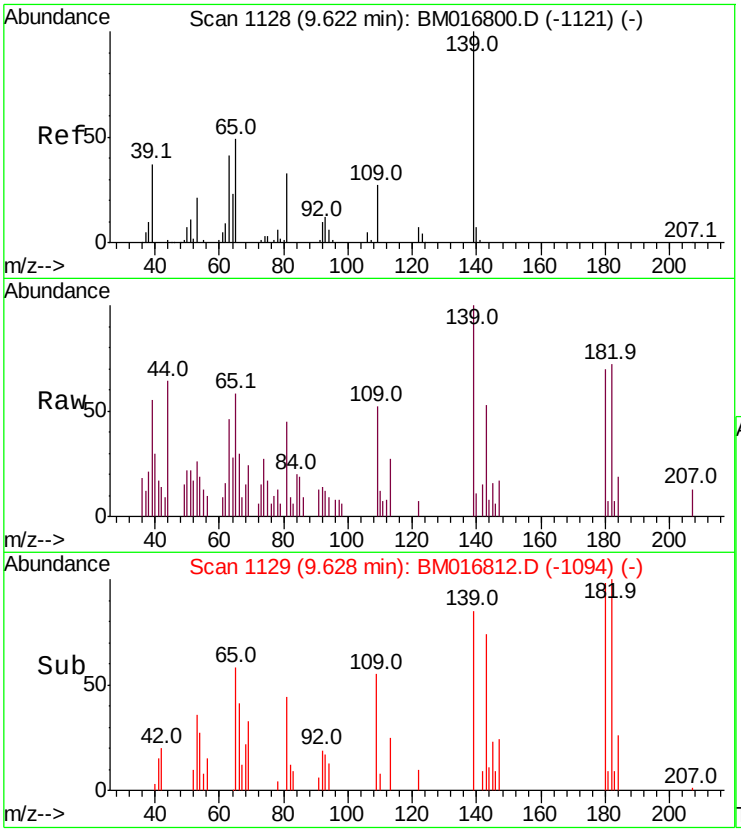


#20
Nitrobenzene
Concen: 21.522 ng/ul
RT: 8.92 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BM016812.D
Acq: 20 Sep 2018 00:49

Tgt Ion: 77 Resp: 455506

Ion	Ratio	Lower	Upper
77	100		
123	48.3	31.8	47.8#
65	13.5	10.6	16.0



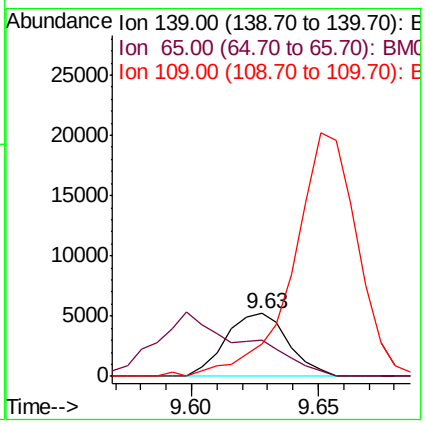


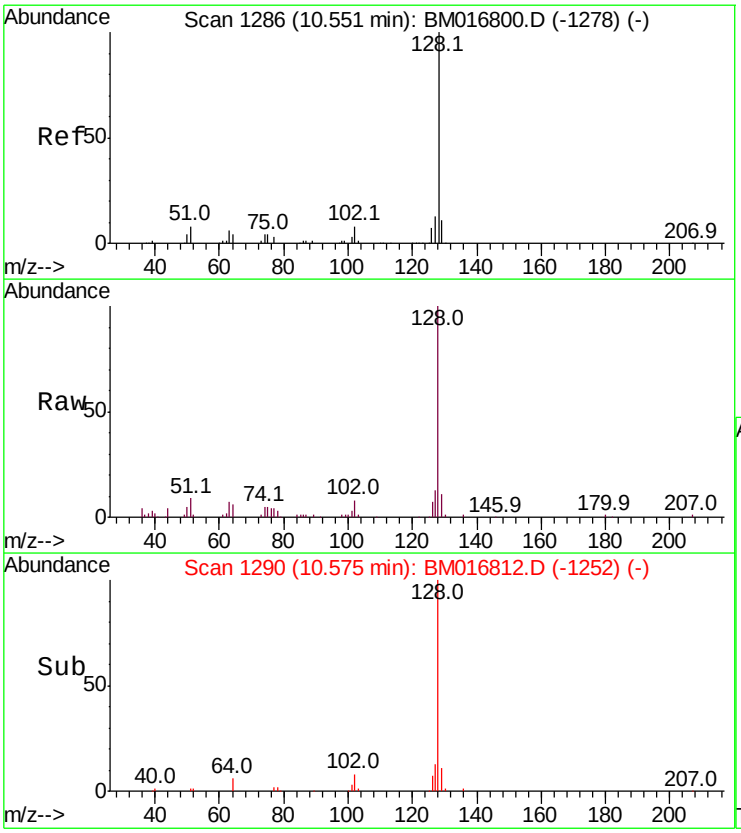
#23
2-Nitrophenol
Concen: 1.026 ng/ul
RT: 9.63 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BM016812.D
Acq: 20 Sep 2018 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 9014

Ion	Ratio	Lower	Upper
139	100		
65	58.1	45.3	67.9
109	51.8	27.7	41.5#

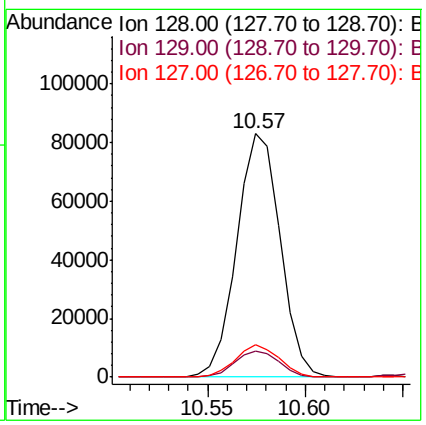


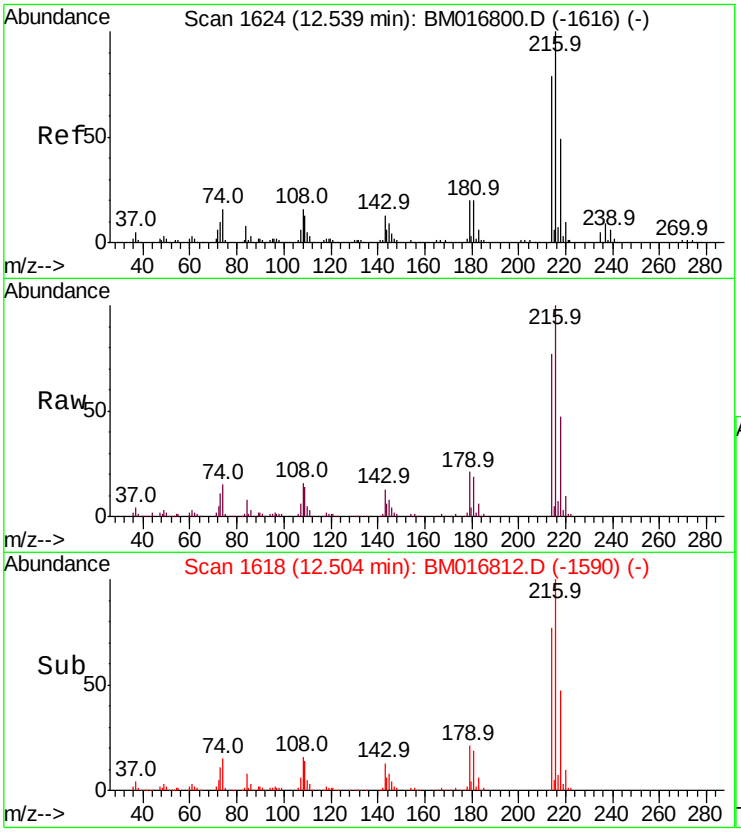


#28
Naphthalene
Concen: 1.952 ng/ul
RT: 10.57 min Scan# 1290
Delta R.T. 0.02 min
Lab File: BM016812.D
Acq: 20 Sep 2018 00:49

Tgt Ion:128 Resp: 127822

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.4	10.8	16.2



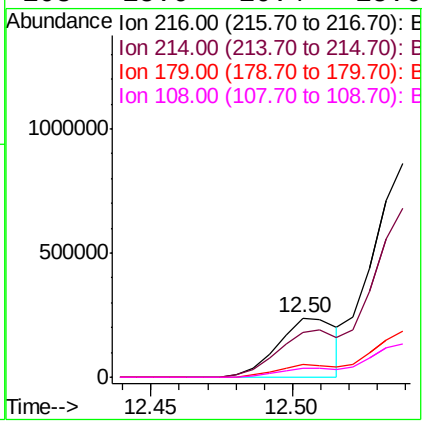


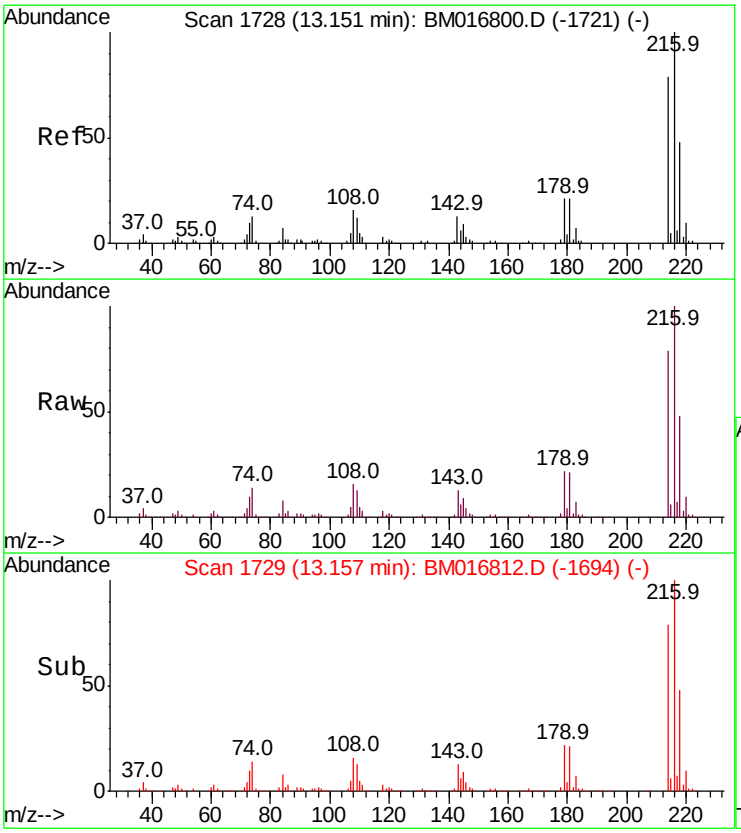
#37
1,2,4,5-Tetrachlorobenzene
Concen: 14.957 ng/ul
RT: 12.50 min Scan# 1618
Delta R.T. -0.04 min
Lab File: BM016812.D
Acq: 20 Sep 2018 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 350077

Ion	Ratio	Lower	Upper
216	100		
214	76.8	64.1	96.1
179	21.0	14.5	21.7
108	15.6	10.4	15.6

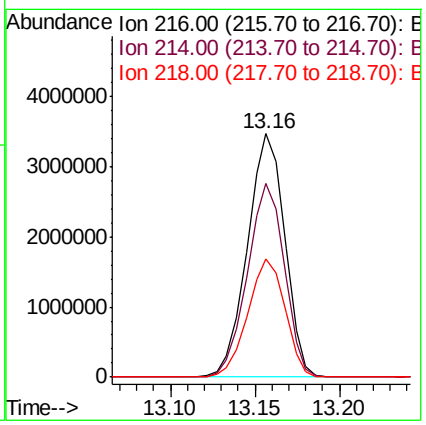


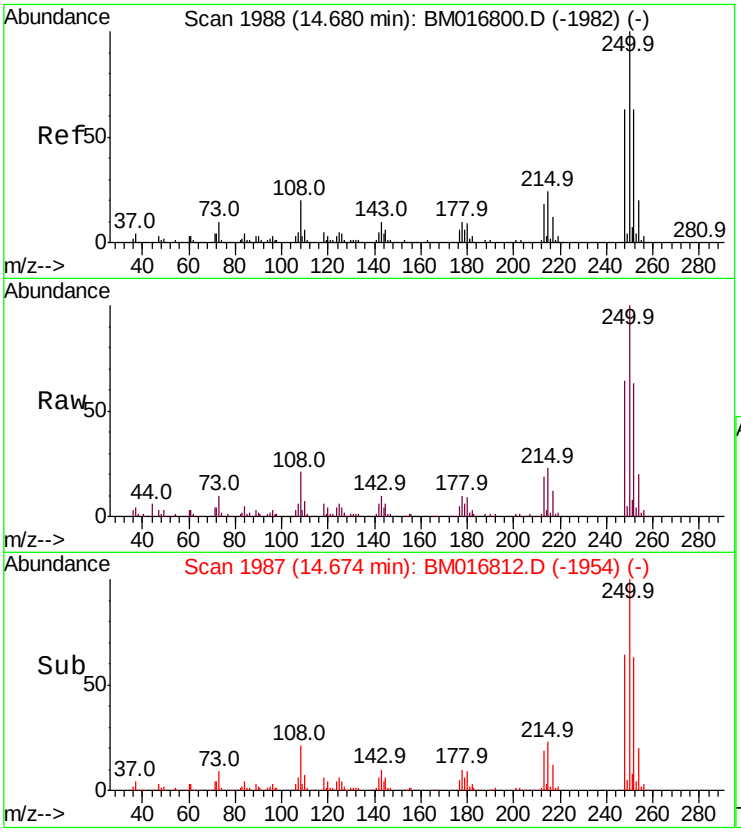


#73
1,2,3,4-Tetrachlorobenzene
Concen: 214.603 ng/uL
RT: 13.16 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BM016812.D
Acq: 20 Sep 2018 00:49

Tgt Ion:216 Resp: 5350140

Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.1	96.1
218	48.4	39.4	59.0





#74
Pentachlorobenzene
Concen: 6.652 ng/uL
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM016812.D
Acq: 20 Sep 2018 00:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 149597

Ion	Ratio	Lower	Upper
250	100		
248	64.2	51.4	77.2
252	63.1	49.8	74.6