

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121316\
 Data File : BM008284.D
 Acq On : 13 Dec 2016 22:01
 Operator : UM/SJ
 Sample : H5973-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B22

Manual Integrations
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Quant Time: Dec 15 15:20:54 2016

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121

Quant Title : SVOA CALIBRATION

QLast Update : Wed Dec 14 02:14:07 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	139490	20.00	ng/ul	0.03
18) Naphthalene-d8	10.46	136	515788	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.32	164	332795	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	684488	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	900271	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	905374	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	3463	1.17	ng/uL	0.00
5) Phenol-d5	6.87	99	58550	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	172305	27.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	183967	22.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	112703	13.51	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	118824	31.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	131183	31.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	208295	27.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	4944	0.57	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	700687	32.05	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	851656	32.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	19281m	5.86	ng/ul	0.05
57) Fluorene-d10	15.31	176	596133	31.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	110908	27.74	ng/ul	0.00
70) Anthracene-d10	17.17	188	961936	32.15	ng/ul	0.00
78) Pyrene-d10	19.47	212	1169027	33.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1238485	32.54	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.90	94	31685	2.85	ng/ul#	85
20) Nitrobenzene	8.88	77	580794	59.67	ng/ul	91
23) 2-Nitrophenol	9.59	139	11962	2.79	ng/ul#	78
28) Naphthalene	10.51	128	26534m	1.08	ng/ul	
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	322016	30.88	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	1024236	99.96	ng/uL	99
73) Pentachlorobenzene	14.64	250	22112	2.14	ng/uL	97

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

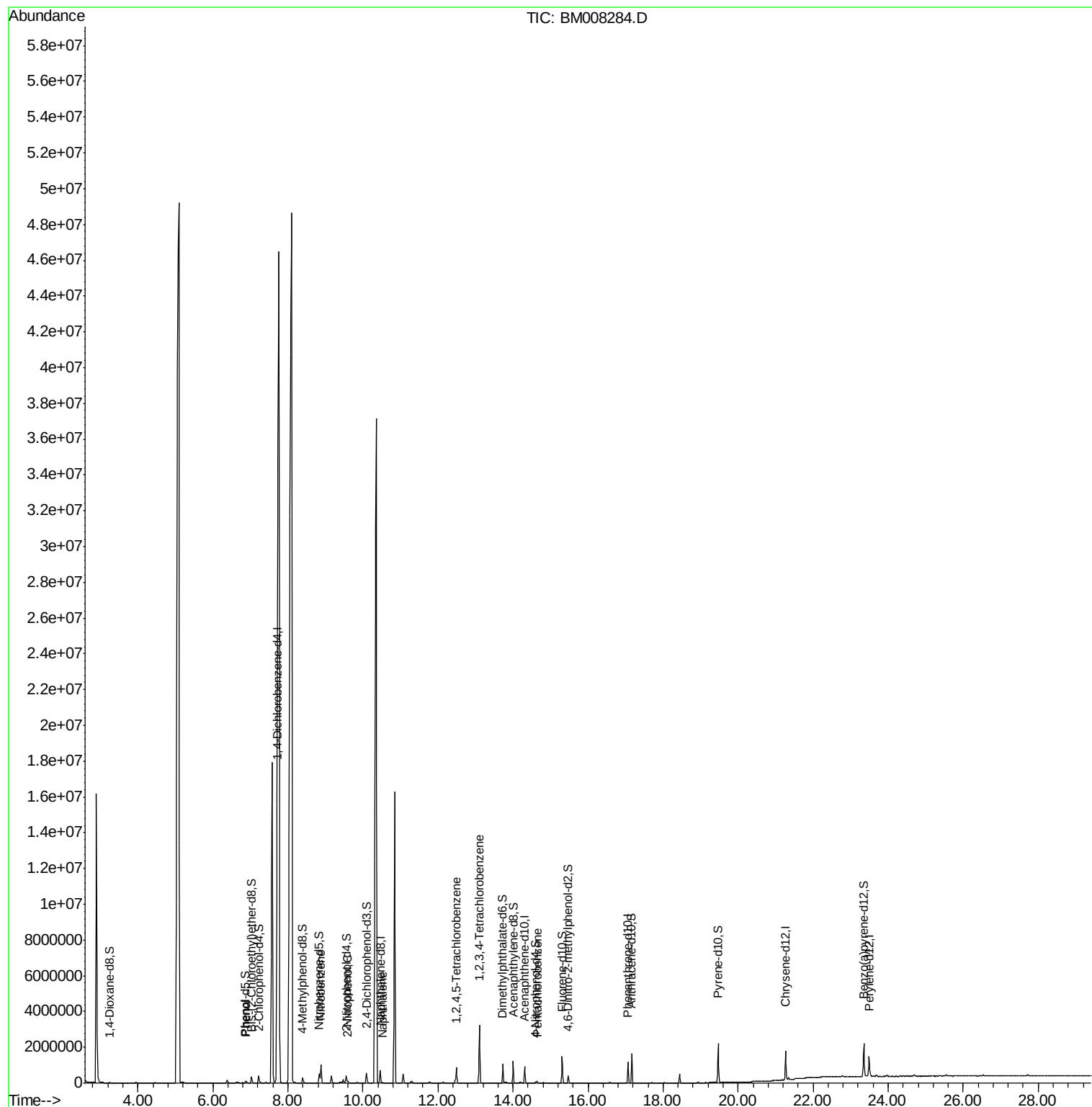
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121316\
Data File : BM008284.D
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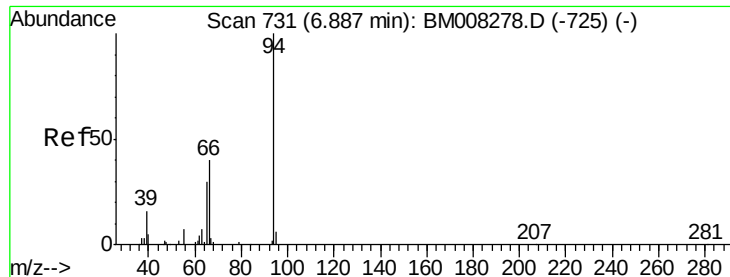
Instrument :
BNA_M
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Quant Time: Dec 15 15:20:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 02:14:07 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.85 ng/ul

RT: 6.90 min Scan# 733

Delta R.T. 0.01 min

Lab File: BM008284.D

Acq: 13 Dec 2016 22:01

Instrument :

BNA_M

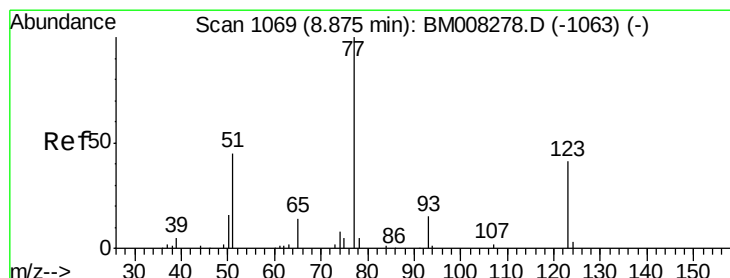
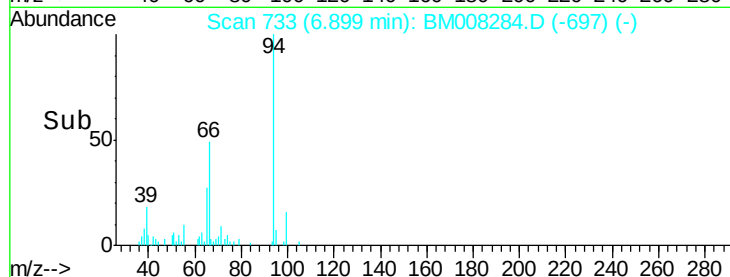
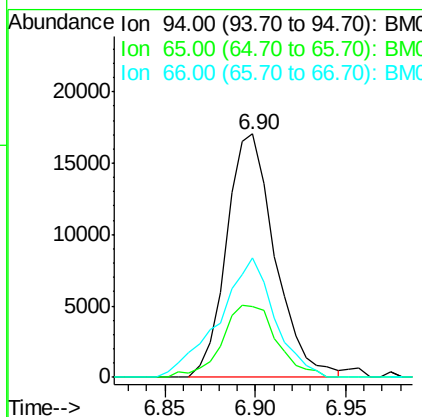
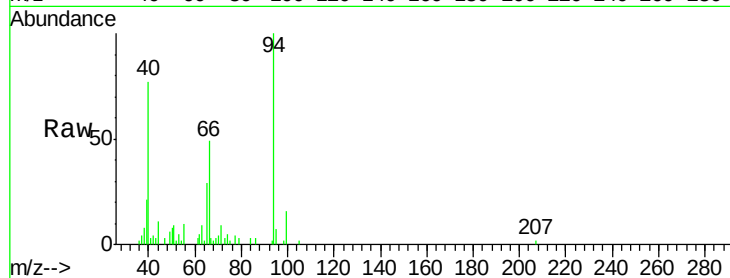
ClientSampleId :

C0B22

Tgt Ion:	94	Resp:	31685
Ion Ratio	Lower	Upper	
94	100		
65	29.3	21.0	31.6
66	49.0	29.3	43.9#

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#20

Nitrobenzene

Concen: 59.67 ng/ul

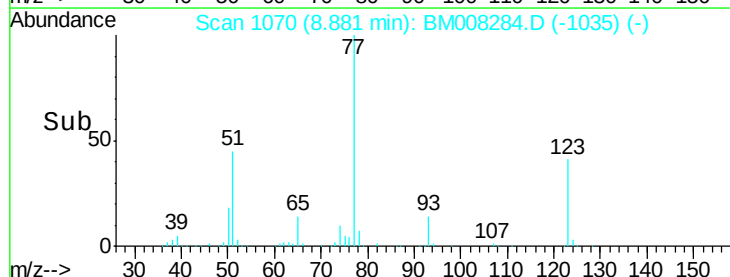
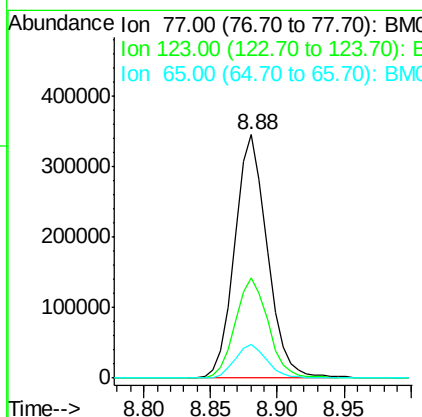
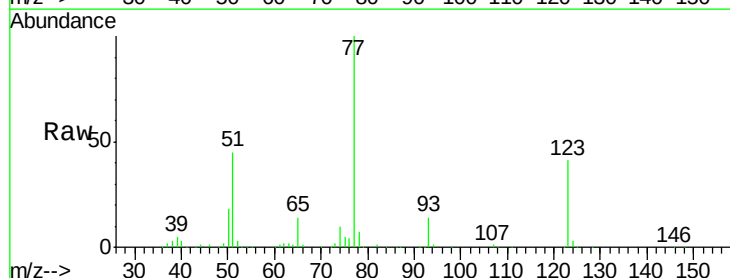
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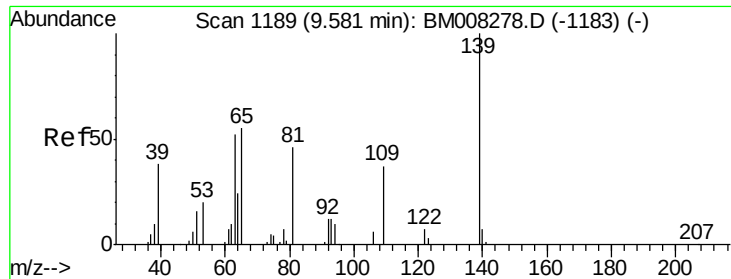
Delta R.T. 0.01 min

Lab File: BM008284.D

Acq: 13 Dec 2016 22:01

Tgt Ion:	77	Resp:	580794
Ion Ratio	Lower	Upper	
77	100		
123	41.0	39.0	58.4
65	13.8	10.4	15.6





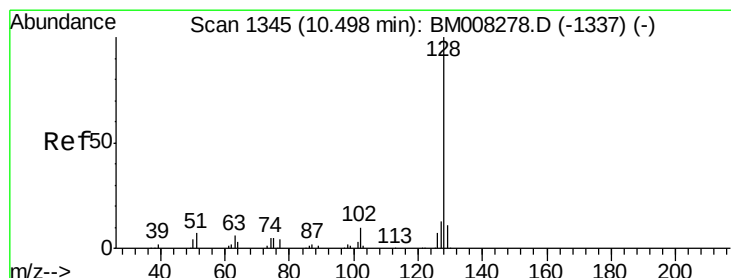
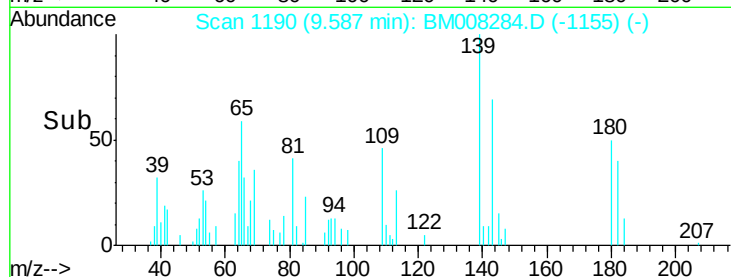
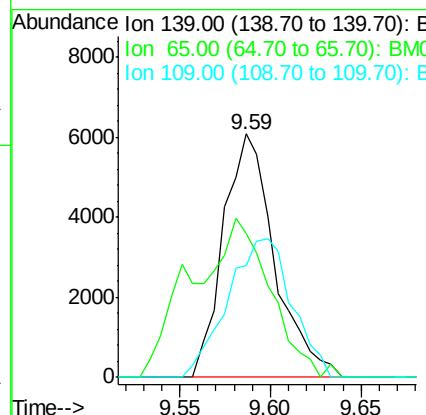
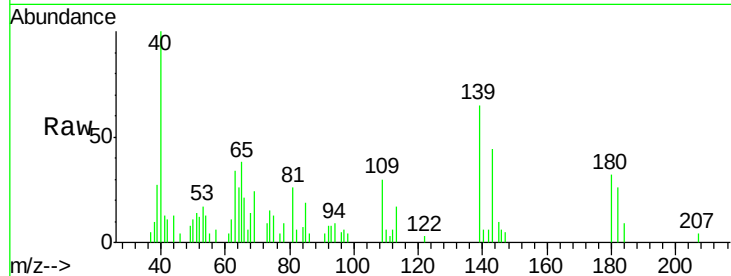
#23
 2-Nitrophenol
 Concen: 2.79 ng/ul
 RT: 9.59 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BM008284.D
 Acq: 13 Dec 2016 22:01

Instrument :
 BNA_M
 ClientSampleID :
 C0B22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	11962		
65	59.3	36.3	54.5#	
109	46.1	26.4	39.6#	

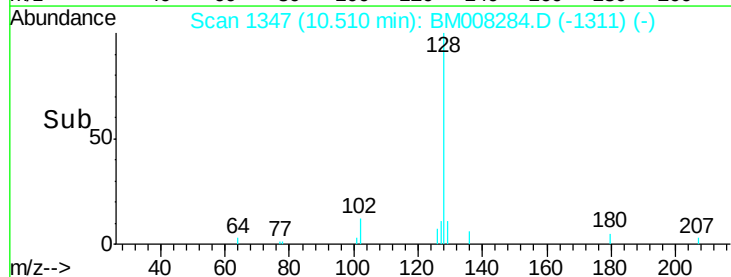
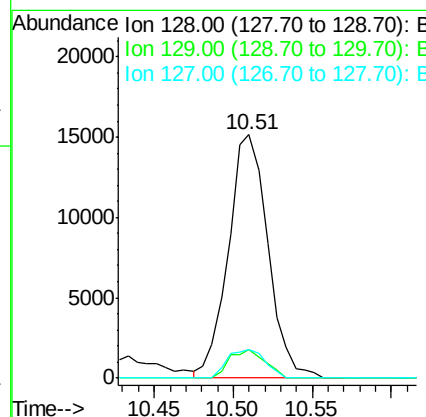
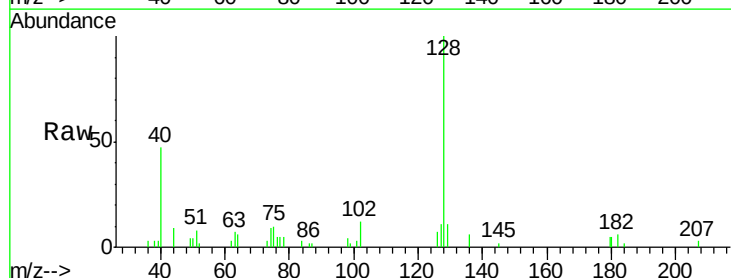
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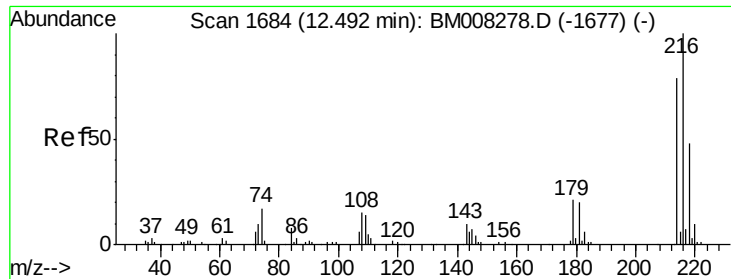
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#28
 Naphthalene
 Concen: 1.08 ng/ul m
 RT: 10.51 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BM008284.D
 Acq: 13 Dec 2016 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	26534		
129	11.5	8.8	13.2	
127	11.5	10.5	15.7	





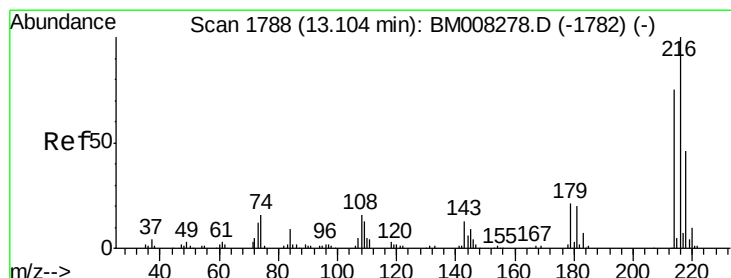
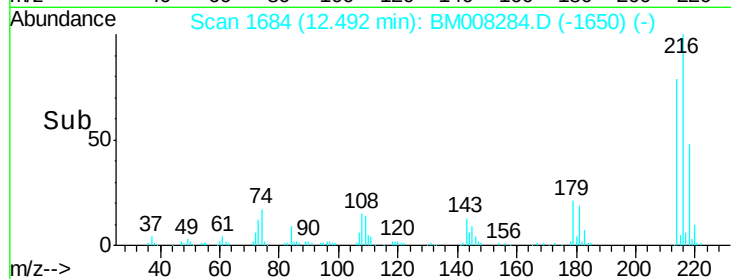
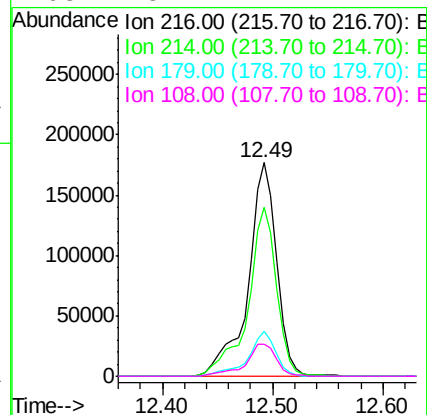
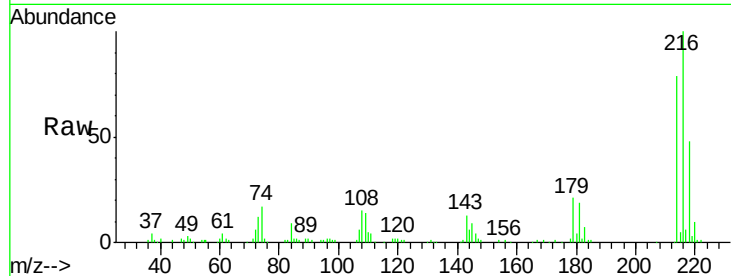
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.88 ng/uL
 RT: 12.49 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM008284.D
 Acq: 13 Dec 2016 22:01

Instrument :
 BNA_M
 ClientSampleId :
 C0B22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
179	21.0	18.2	27.2
108	15.1	14.2	21.2

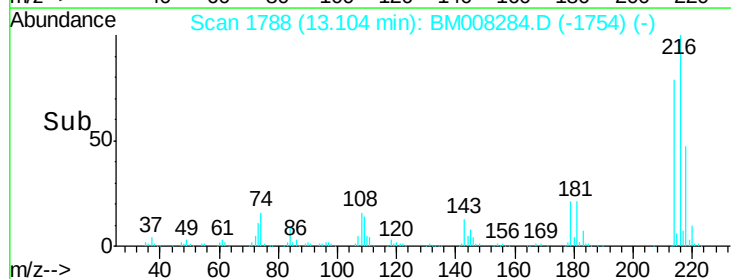
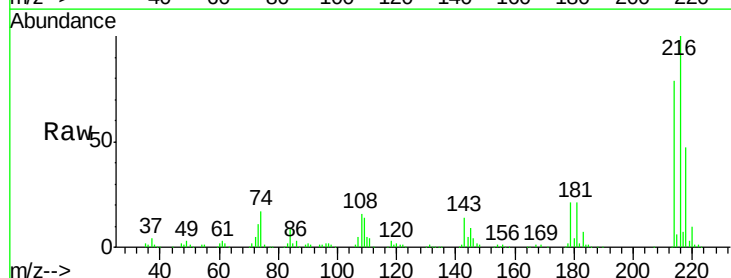
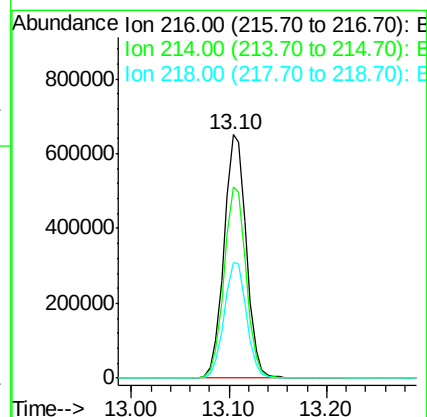
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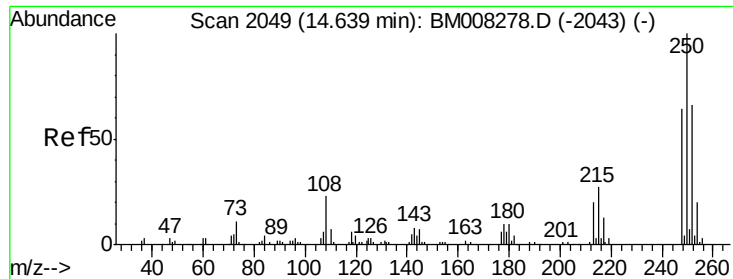
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#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 99.96 ng/uL
 RT: 13.10 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BM008284.D
 Acq: 13 Dec 2016 22:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.5	93.7
218	47.3	38.4	57.6





#73

Pentachlorobenzene

Concen: 2.14 ng/uL

RT: 14.64 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM008284.D

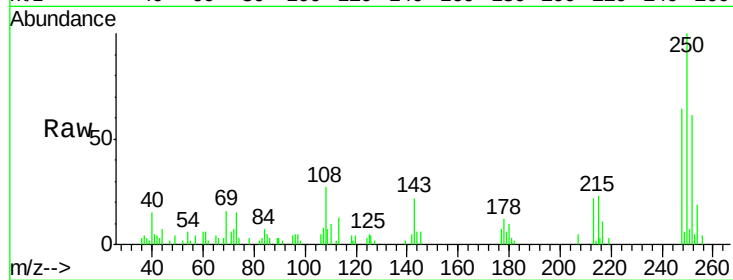
Acq: 13 Dec 2016 22:01

Instrument :

BNA_M

ClientSampleId :

C0B22



Tgt Ion:	250	Resp:	22112
Ion Ratio	Lower	Upper	
250	100		
248	64.1	50.6	75.8
252	60.8	51.4	77.0

Manual Integrations
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