

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019372.D
 Acq On : 24 Mar 2019 03:11
 Operator : JU/SJ
 Sample : K2025-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0967

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:25:50 PM

Quant Time: Mar 25 01:35:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 00:34:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	184267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	730483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	406695	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	906205	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	1014839	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	1132732	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	16348	3.47	ng/uL	0.00
5) Phenol-d5	6.79	99	83323	5.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	241251	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	242582	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	150174	12.19	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	140682	27.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	156236	26.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	263850	24.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	6142	0.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	926059	28.22	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1111571	27.09	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.54	143	24642m	4.79	ng/ul	0.03
58) Fluorene-d10	15.27	176	783664	27.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	142362	23.76	ng/ul	0.00
71) Anthracene-d10	17.12	188	1244958	28.63	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1386640	29.58	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1604951	26.73	ng/ul	-0.02

Target Compounds

					Ovalue
6) Phenol	6.82	94	27402	1.600	ng/ul 97
10) 2-Chlorophenol	7.17	128	41933	3.317	ng/ul 98
20) Nitrobenzene	8.83	77	2354634	151.800	ng/ul 97
27) 2,4-Dichlorophenol	10.09	162	100459m	9.290	ng/ul
30) 4-Chloroaniline	10.53	127	15104	1.092	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	31442	2.430	ng/ul# 91
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	84880	6.460	ng/uL 98

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

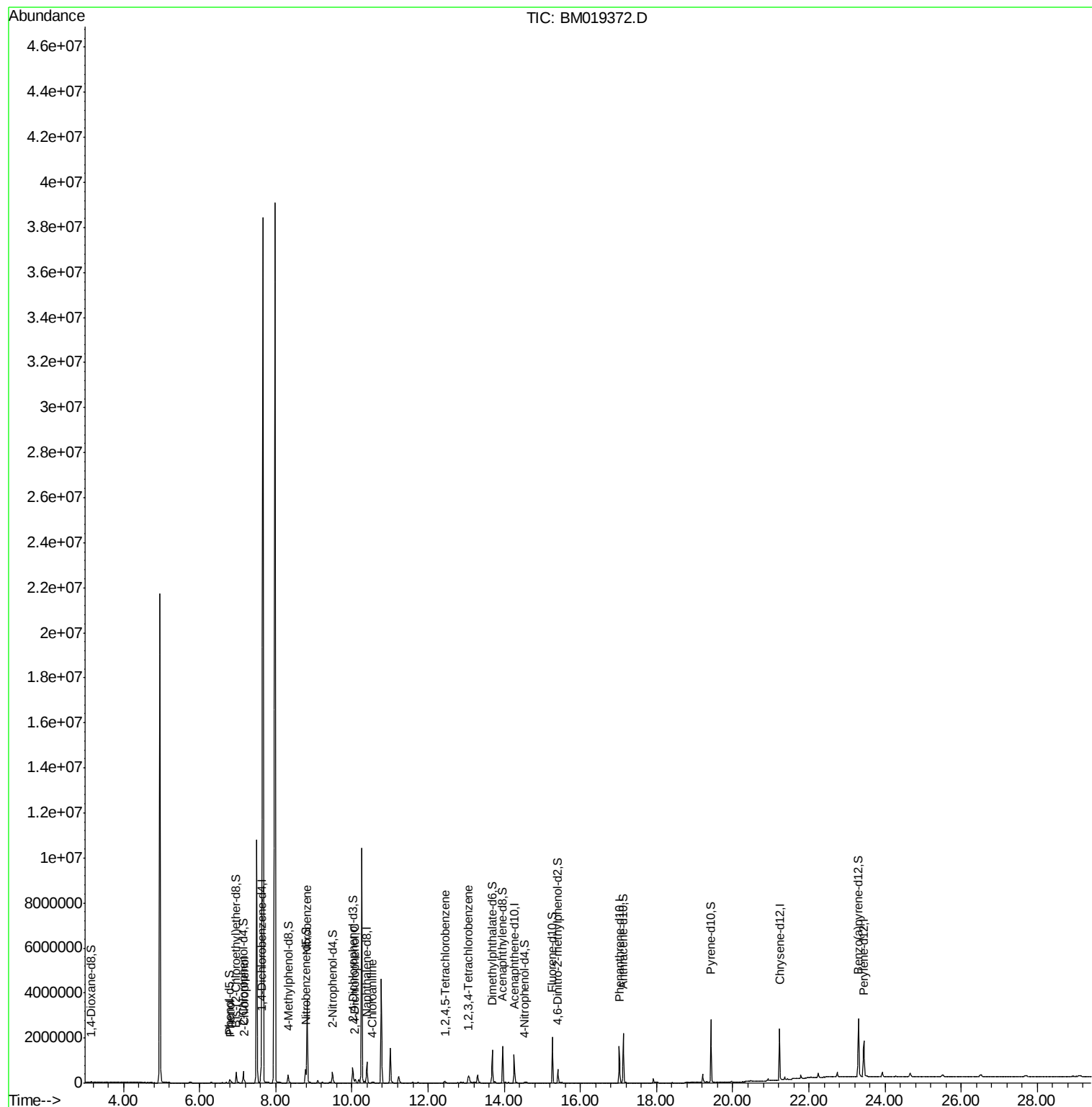
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019372.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

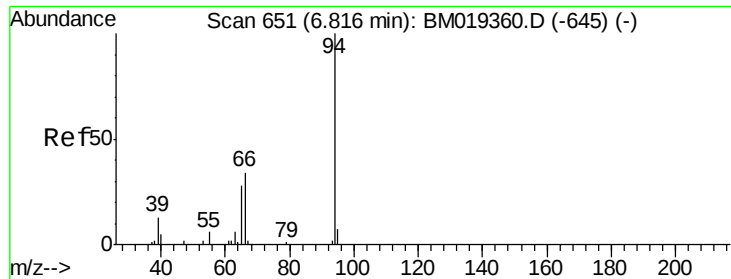
Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 00:34:42 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.600 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM019372.D

Acq: 24 Mar 2019 03:11

Instrument :

BNA_M

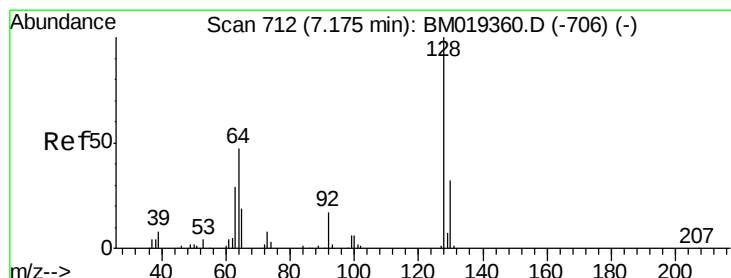
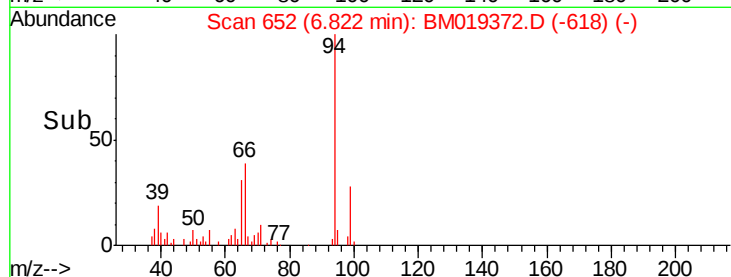
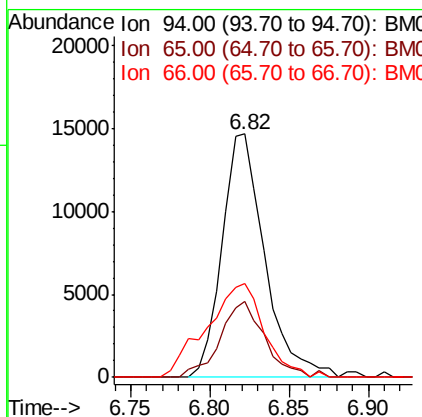
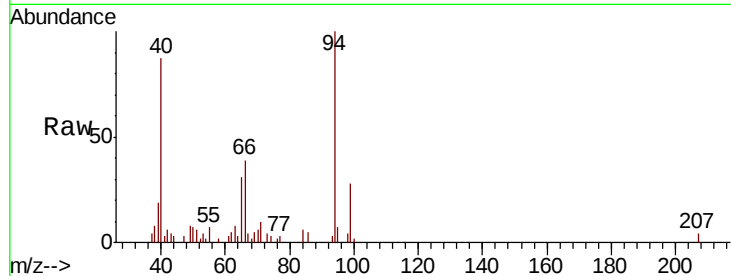
ClientSampleId :

C0967

Tot Ion:	94	Resp:	27402
Ion	Ratio	Lower	Upper
94	100		
65	31.2	23.0	34.6
66	38.8	30.4	45.6

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#10

2-Chlorophenol

Concen: 3.317 ng/ul

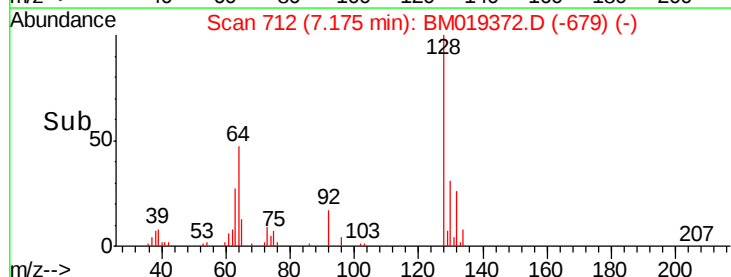
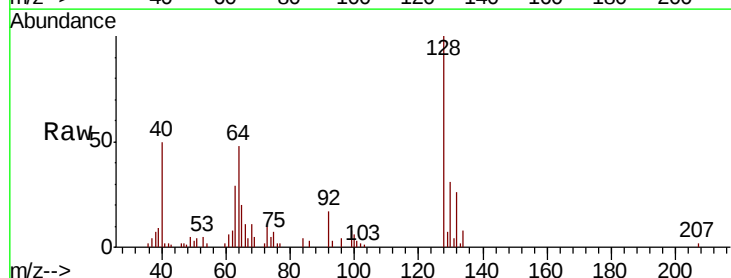
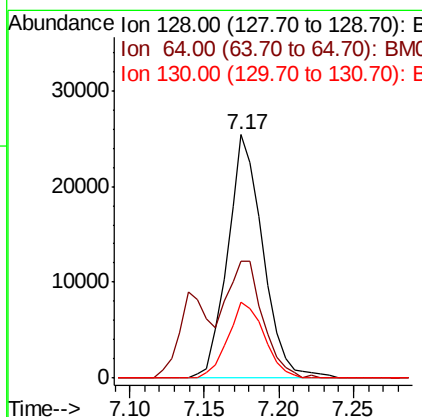
RT: 7.17 min Scan# 712

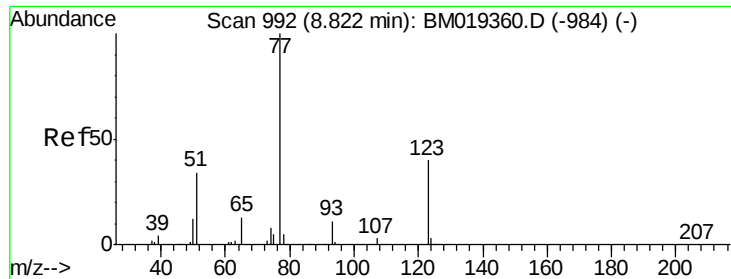
Delta R.T. -0.01 min

Lab File: BM019372.D

Acq: 24 Mar 2019 03:11

Tgt Ion:	128	Resp:	41933
Ion	Ratio	Lower	Upper
128	100		
64	48.2	39.8	59.6
130	31.2	25.8	38.8





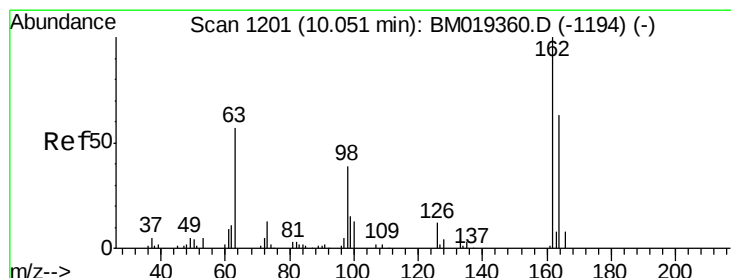
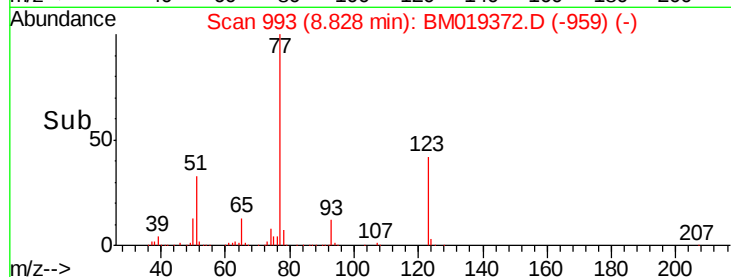
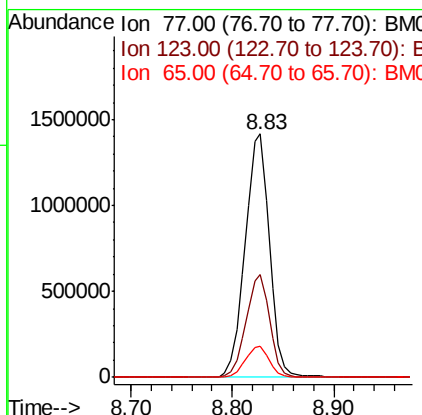
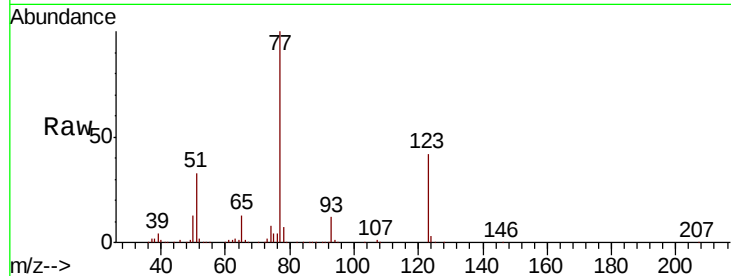
#20
Nitrobenzene
Concen: 151.800 ng/ul
RT: 8.83 min Scan# 993
Delta R.T. -0.00 min
Lab File: BM019372.D
Acq: 24 Mar 2019 03:11

Instrument :
BNA_M
ClientSampled :
C0967

Tot Ion	Ratio	Lower	Upper
77	100		
123	42.0	31.8	47.8
65	12.8	10.6	16.0

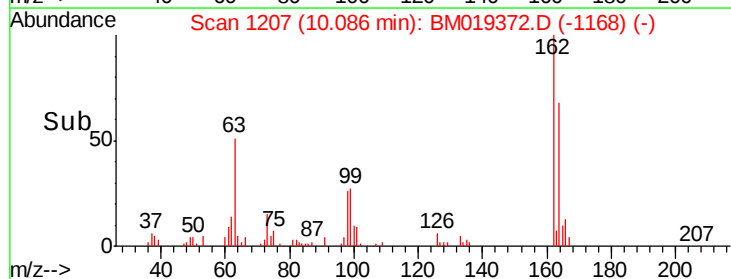
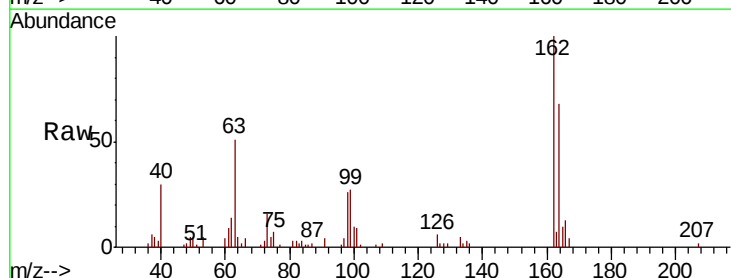
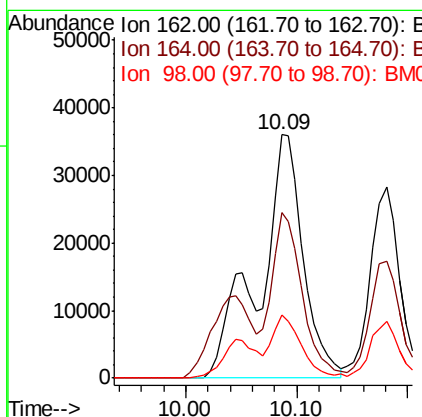
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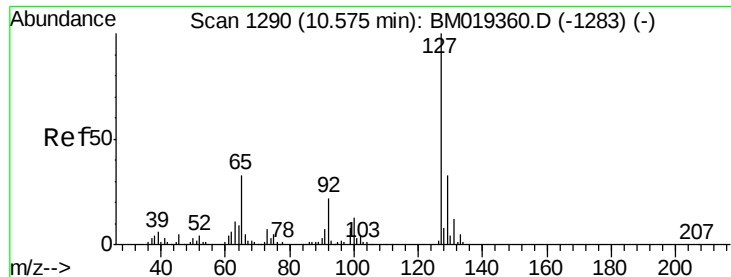
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#27
2,4-Dichlorophenol
Concen: 9.290 ng/ul m
RT: 10.09 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BM019372.D
Acq: 24 Mar 2019 03:11

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.1	52.0	78.0
98	25.9	26.6	39.8#





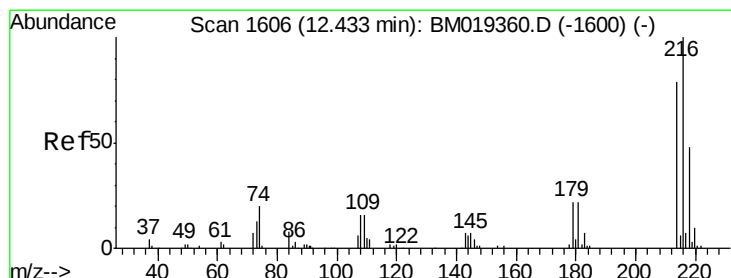
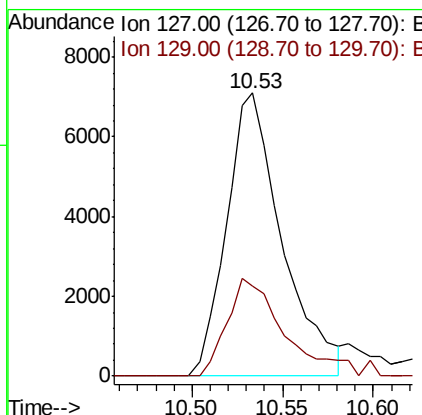
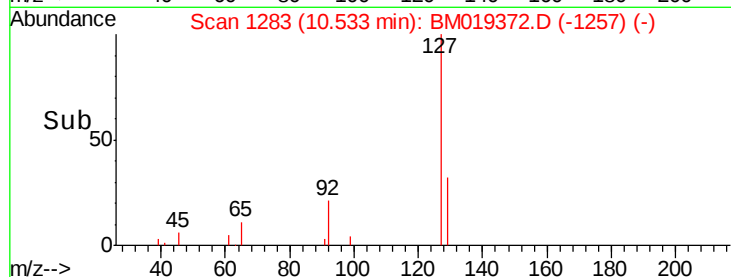
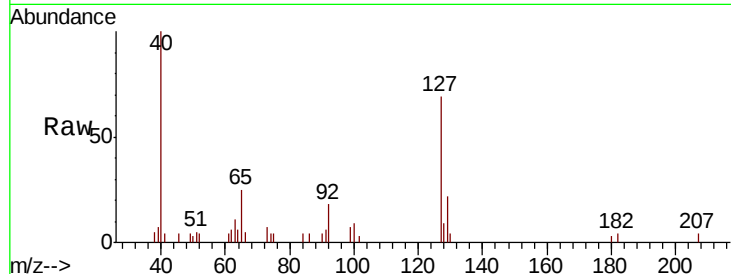
#30
4-Chloroaniline
Concen: 1.092 ng/ul
RT: 10.53 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BM019372.D
Acq: 24 Mar 2019 03:11

Instrument :
BNA_M
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Tot Ion:127 Resp: 15104
Ion Ratio Lower Upper
127 100
129 31.7 24.6 37.0

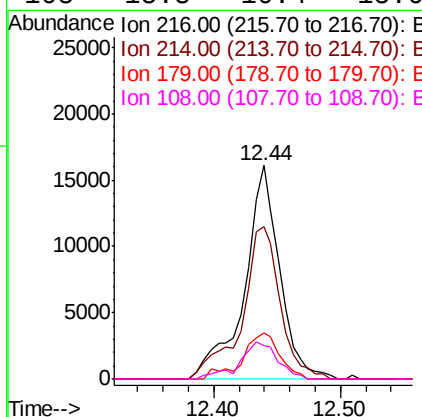
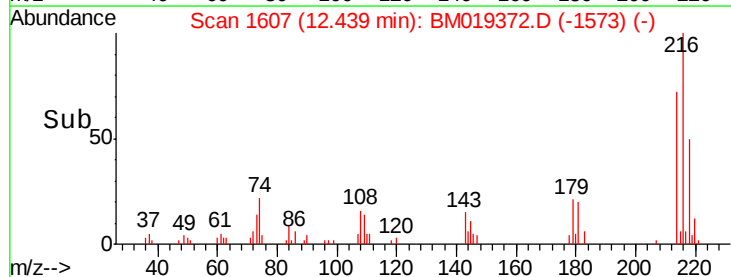
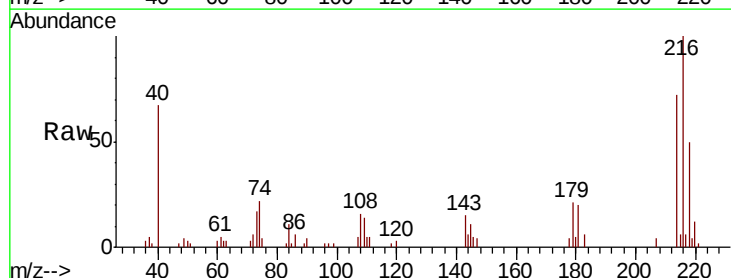
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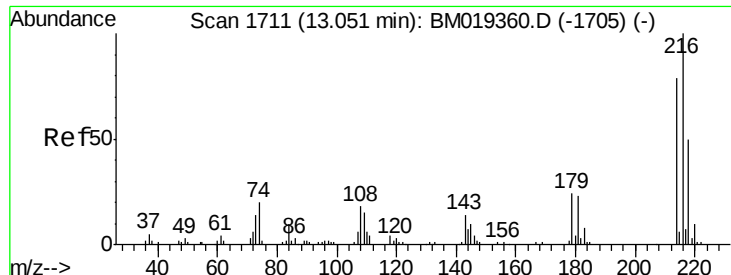
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.430 ng/ul
RT: 12.44 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BM019372.D
Acq: 24 Mar 2019 03:11

Tgt Ion:216 Resp: 31442
Ion Ratio Lower Upper
216 100
214 71.5 64.1 96.1
179 21.5 14.5 21.7
108 15.8 10.4 15.6#





#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 6.460 ng/uL
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM019372.D
 Acq: 24 Mar 2019 03:11

Instrument :
 BNA_M
 ClientSampleId :
 C0967

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.3	64.1	96.1
218	48.5	39.4	59.0

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