

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
 Data File : BM020931.D
 Acq On : 13 Jun 2019 16:12
 Operator : HP/JU
 Sample : K3215-05DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DB8H9DL

Manual Integrations
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mohammad
 6/14/2019 8:32:52 AM

Quant Time: Jun 13 18:08:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	304303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1226642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	770757	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1691118	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1326478	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1476254	20.00	ng/ul	0.00

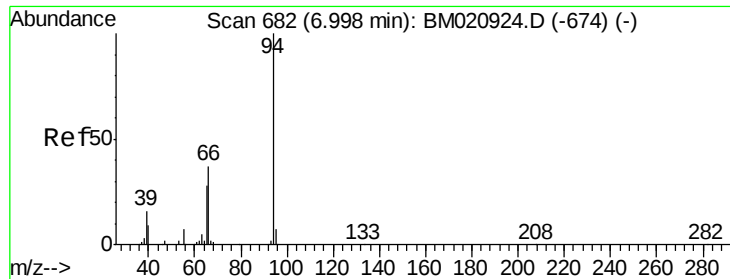
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	3395	0.53	ng/uL	0.00
5) Phenol-d5	7.02	99	34974	1.50	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.14	67	55569	3.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	76736	4.14	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	60775m	3.24	ng/ul	0.04
19) Nitrobenzene-d5	8.97	128	48434	5.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	48594	5.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	95029	5.29	ng/ul	0.01
29) 4-Chloroaniline-d4	10.70	131	19902	0.92	ng/ul	-0.04
43) Dimethylphthalate-d6	13.86	166	275186	4.83	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	332077	4.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	18772	1.92	ng/ul	0.02
57) Fluorene-d10	15.44	176	241533	4.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	18243m	2.11	ng/ul	0.00
70) Anthracene-d10	17.29	188	348305	4.72	ng/ul	0.00
78) Pyrene-d10	19.58	212	343761	5.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	328373	4.89	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.05	94	205171	8.560	ng/ul	97
11) 2-Methylphenol	8.27	108	35978	2.020	ng/ul#	56
16) 4-Methylphenol	8.61	108	54631	2.805	ng/ul	96
21) Isophorone	9.55	82	4355467	111.833	ng/ul	95
28) Naphthalene	10.65	128	352628	6.121	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	163537	3.865	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	33784m	2.252	ng/ul	
39) 2,4,5-Trichlorophenol	12.96	196	232618	14.278	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.08	232	1584523	115.751	ng/ul	91
68) Pentachlorophenol	16.86	266	13280142	1124.043	ng/ul	97
73) Pentachlorobenzene	14.76	250	25184	1.067	ng/uL	93

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



#6

Phenol

Concen: 8.560 ng/ul

RT: 7.05 min Scan# 690

Delta R.T. 0.05 min

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Instrument :

BNA_M

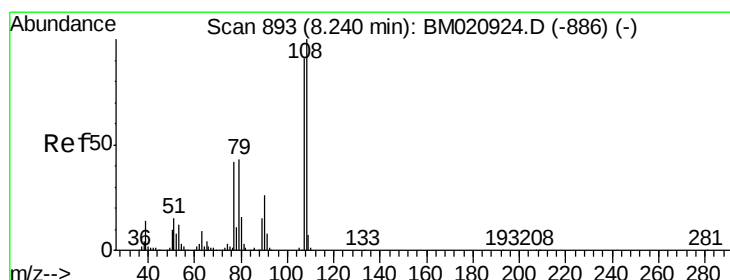
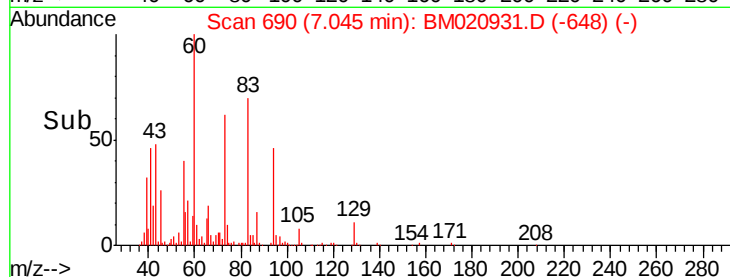
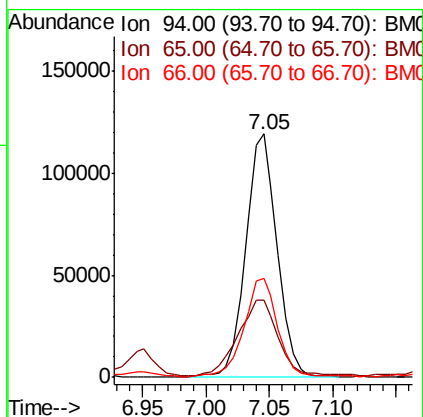
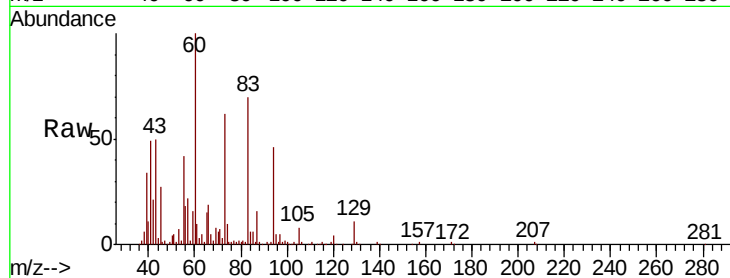
ClientSampleId :

DB8H9DL

Tot Ion:	94	Resp:	205171
Ion Ratio	Lower	Upper	
94	100		
65	31.8	23.3	34.9
66	40.7	32.1	48.1

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#11

2-Methylphenol

Concen: 2.020 ng/ul

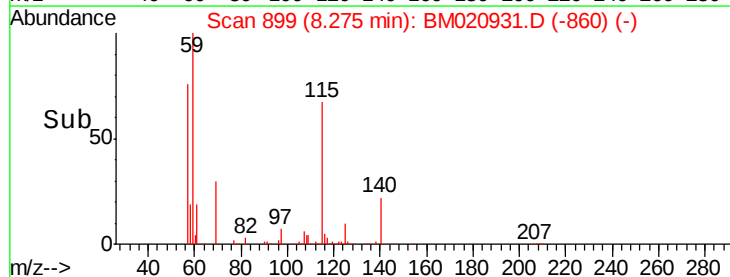
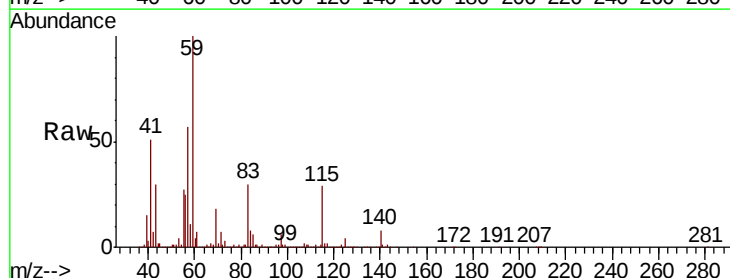
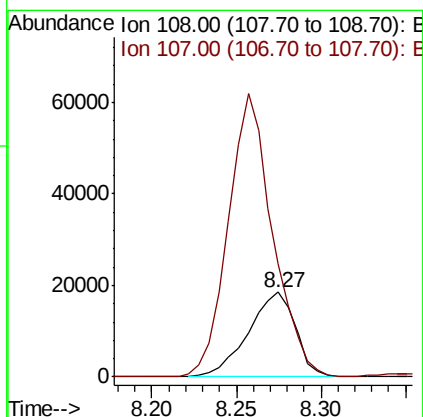
RT: 8.27 min Scan# 899

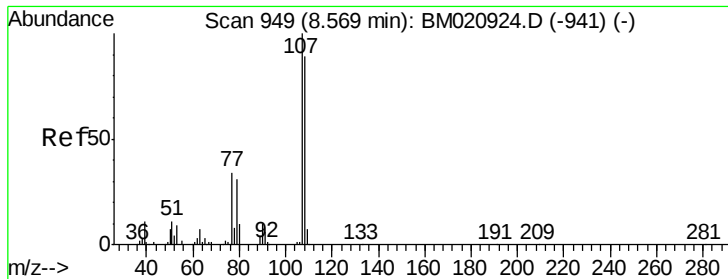
Delta R.T. 0.03 min

Lab File: BM020931.D

Acq: 13 Jun 2019 16:12

Tgt Ion:	108	Resp:	35978
Ion Ratio	Lower	Upper	
108	100		
107	133.8	73.3	109.9#





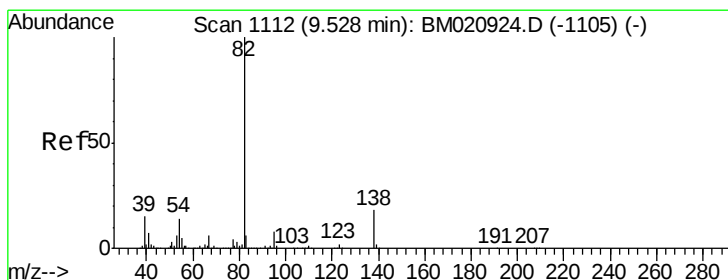
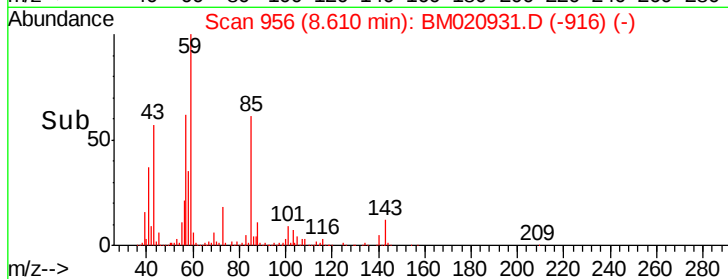
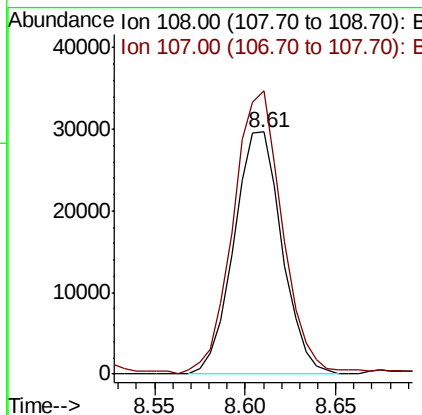
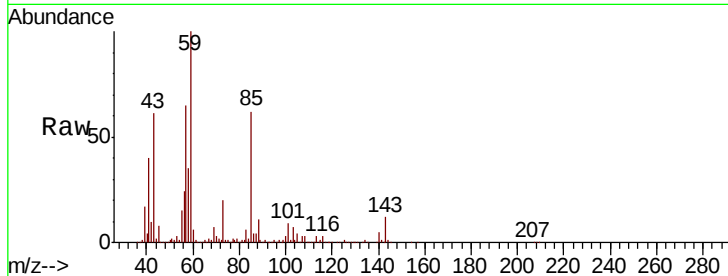
#16
4-Methylphenol
Concen: 2.805 ng/ul
RT: 8.61 min Scan# 956
Delta R.T. 0.04 min
Lab File: BM020931.D
Acq: 13 Jun 2019 16:12

Instrument :
BNA_M
ClientSampleId :
DB8H9DL

Tot Ion	Ratio	Lower	Upper
108	100		
107	116.9	90.2	135.4

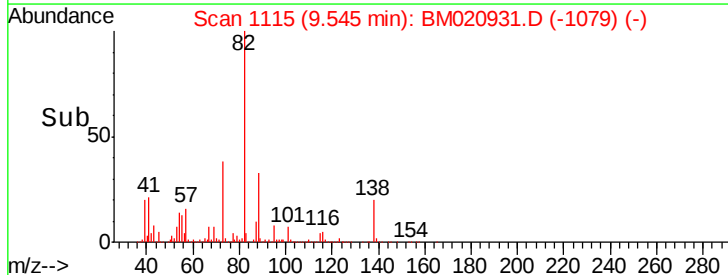
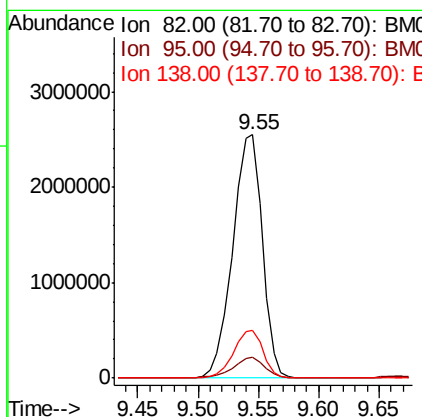
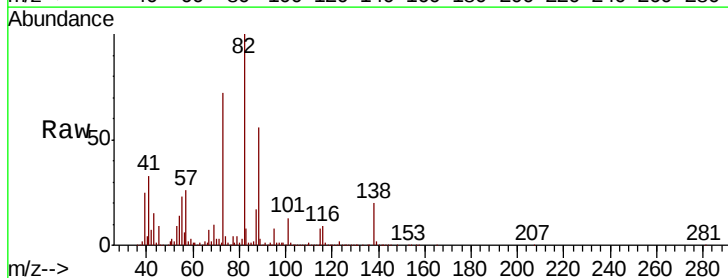
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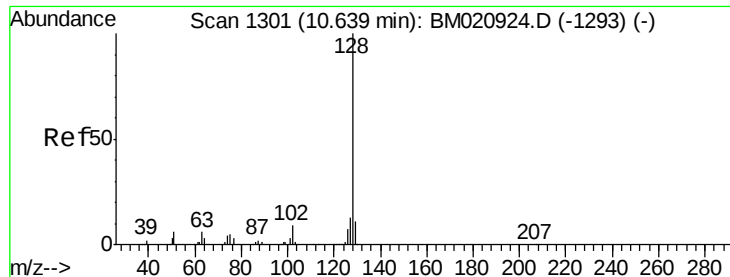
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#21
Isophorone
Concen: 111.833 ng/ul
RT: 9.55 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BM020931.D
Acq: 13 Jun 2019 16:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.4	5.9	8.9
138	19.6	13.8	20.8





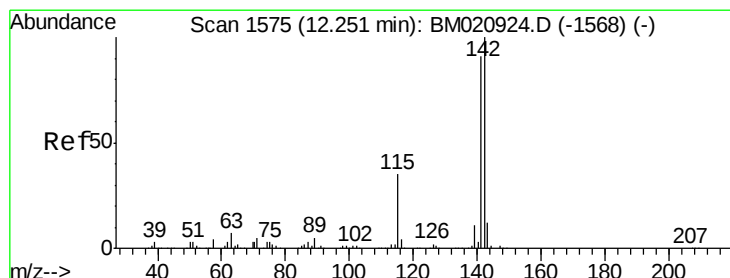
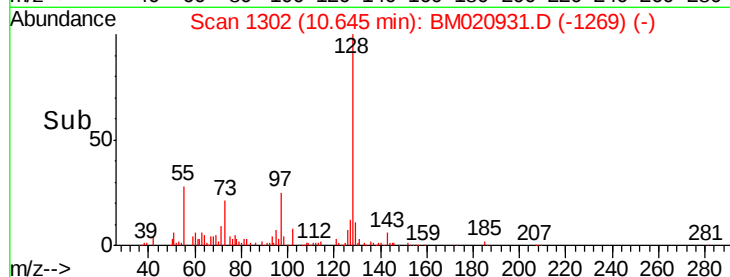
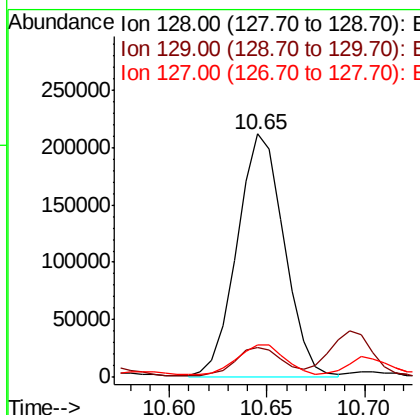
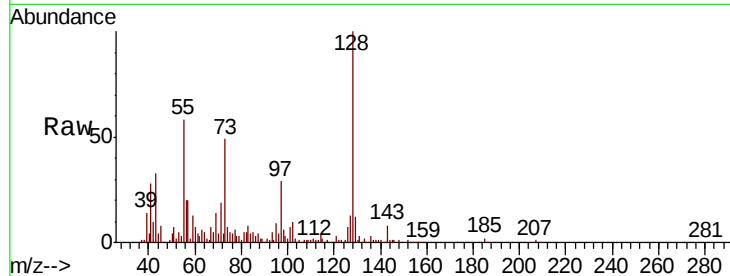
#28
Naphthalene
Concen: 6.121 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM020931.D
Acq: 13 Jun 2019 16:12

Instrument :
BNA_M
ClientSampled :
DB8H9DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	13.0
127	13.1	10.2	15.2

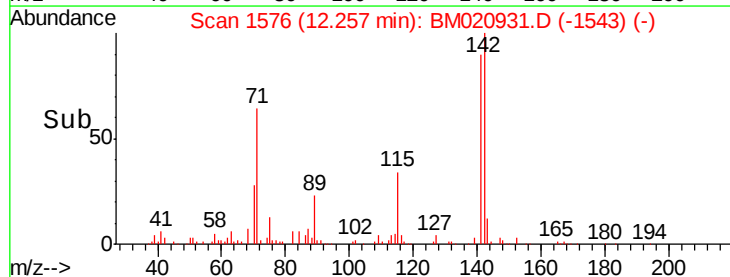
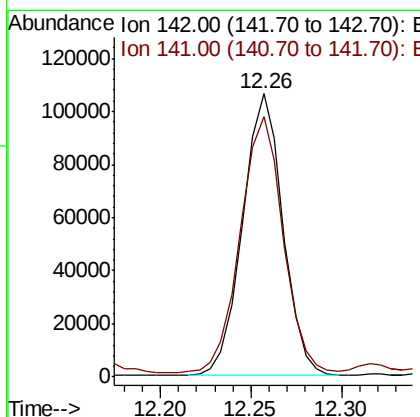
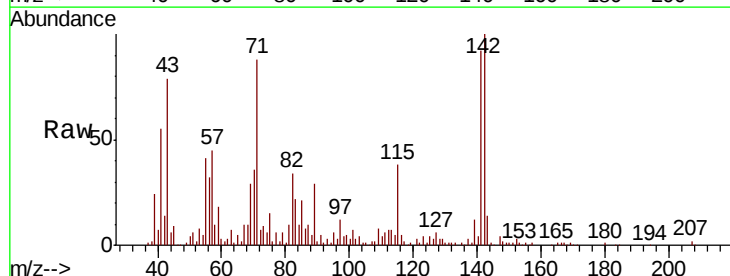
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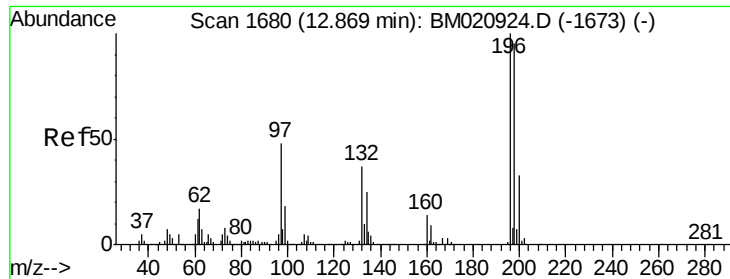
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#34
2-Methylnaphthalene
Concen: 3.865 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM020931.D
Acq: 13 Jun 2019 16:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.4	107.0





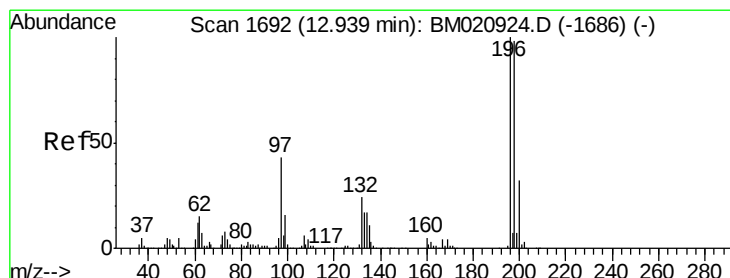
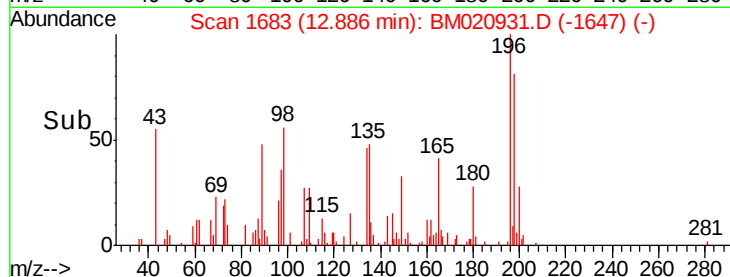
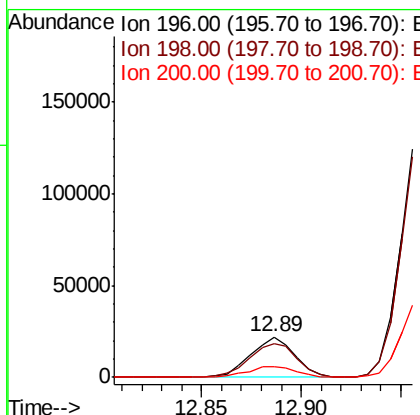
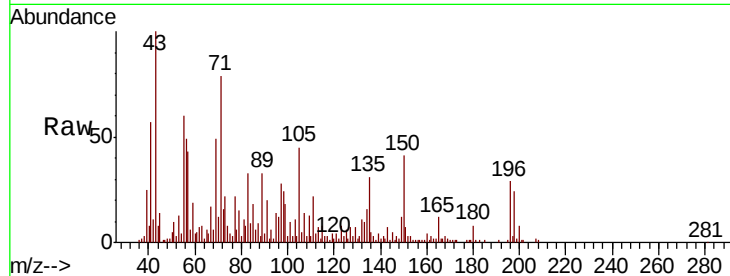
#38
 2,4,6-Trichlorophenol
 Concen: 2.252 ng/ul m
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BM020931.D
 Acq: 13 Jun 2019 16:12

Instrument :
 BNA_M
 ClientSampleId :
 DB8H9DL

Tot Ion	Ratio	Lower	Upper
196	100		
198	83.3	77.8	116.6
200	26.8	25.3	37.9

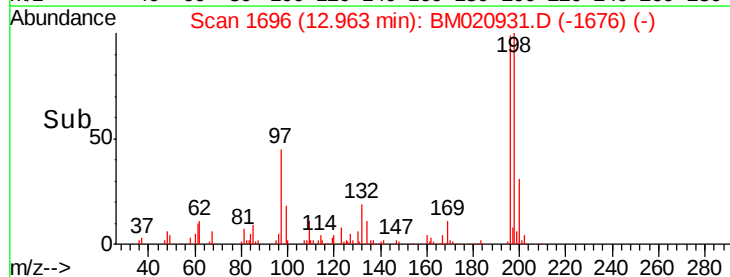
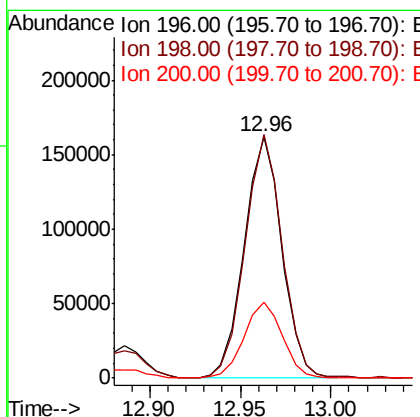
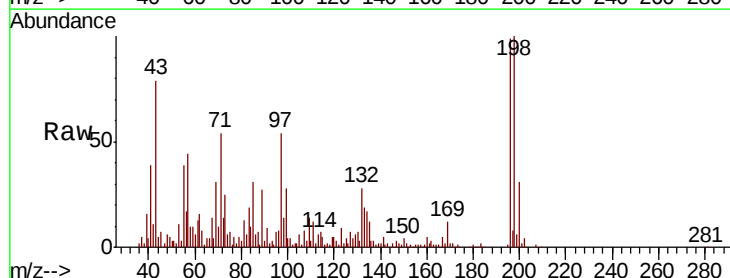
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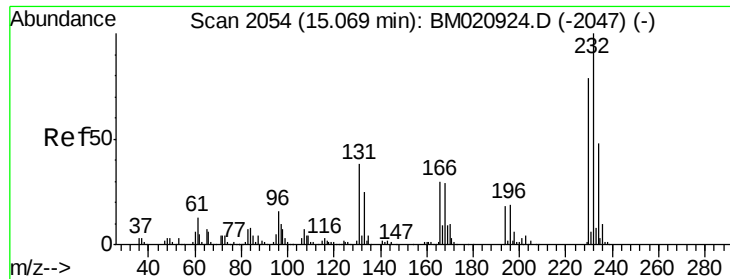
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#39
 2,4,5-Trichlorophenol
 Concen: 14.278 ng/ul
 RT: 12.96 min Scan# 1696
 Delta R.T. 0.02 min
 Lab File: BM020931.D
 Acq: 13 Jun 2019 16:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	75.3	112.9
200	31.4	25.0	37.4





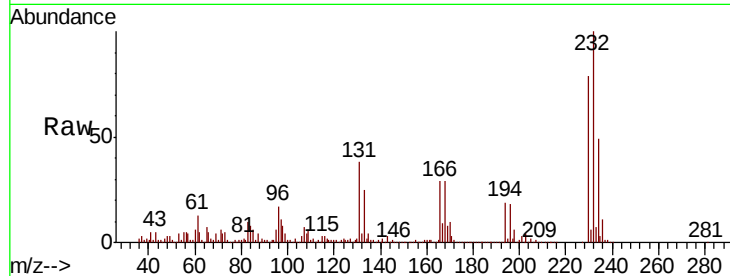
#55
2,3,4,6-Tetrachlorophenol
Concen: 115.751 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BM020931.D
Acq: 13 Jun 2019 16:12

Instrument :
BNA_M
ClientSampleId :
DB8H9DL

Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	37.9	36.3	54.5	
130	2.2	1.9	2.9	
166	29.0	26.4	39.6	

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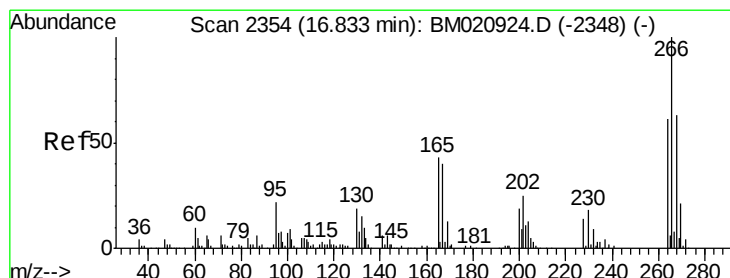
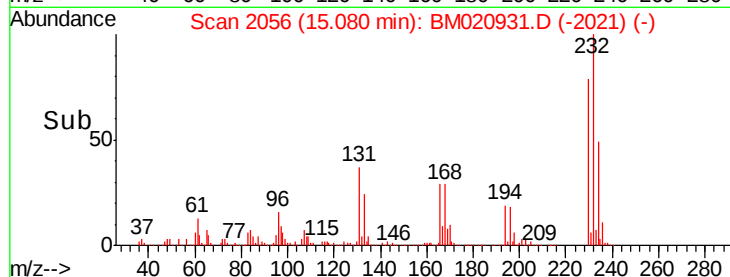
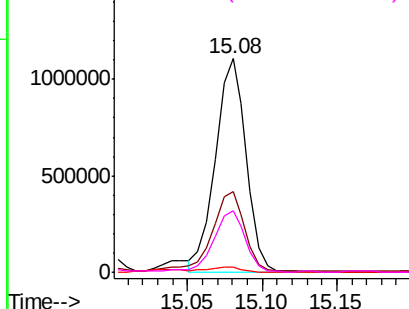
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

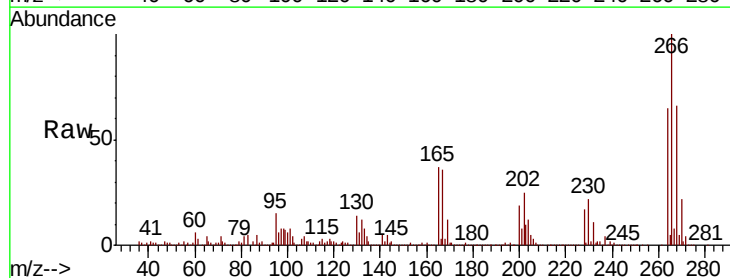
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#68
Pentachlorophenol
Concen: 1124.043 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. 0.02 min
Lab File: BM020931.D
Acq: 13 Jun 2019 16:12

Tgt Ion	Ion	Ratio	Lower	Upper
266	100			
264	64.9	50.3	75.5	
268	66.0	51.2	76.8	

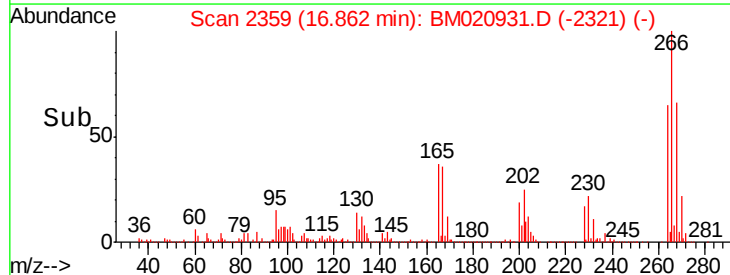
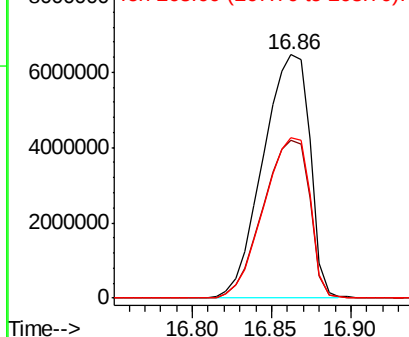


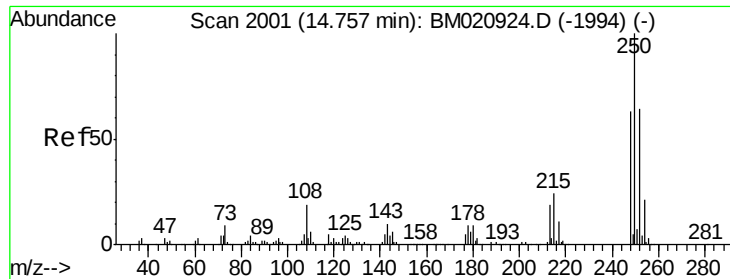
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#73
 Pentachlorobenzene
 Concen: 1.067 ng/uL
 RT: 14.76 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BM020931.D
 Acq: 13 Jun 2019 16:12

Instrument :
 BNA_M
 ClientSampleId :
 DB8H9DL

Tot Ion	Ratio	Resp Lower	Upper
250	100		
248	57.9	49.7	74.5
252	69.1	49.9	74.9

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