

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
 Data File : BM020316.D
 Acq On : 13 May 2019 15:09
 Operator : JU/SJ
 Sample : K2763-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Manual Integrations
 APPROVED

mohammad
 5/14/2019 11:11:48 PM

Quant Time: May 14 04:05:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	49526	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	174308	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	110163	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	261213	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	251652	20.00	ng	-0.02
87) Perylene-d12	23.63	264	261388	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	348750	115.10	ng	-0.02
7) Phenol-d6	6.93	99	479539	115.85	ng	-0.02
23) Nitrobenzene-d5	8.93	82	336674	76.26	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	207090	121.11	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	633641	70.77	ng	-0.04
79) Terphenyl-d14	19.79	244	1082888	75.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	48645	32.736	ng	91
3) Pyridine	3.68	79	82864	21.804	ng	92
4) n-Nitrosodimethylamine	3.60	42	39722	32.594	ng	# 51
6) Aniline	7.10	93	44646	8.568	ng	94
8) 2-Chlorophenol	7.32	128	125810	38.135	ng	98
9) Benzaldehyde	6.92	77	64562	20.608	ng	91
10) Phenol	6.96	94	171196	38.419	ng	90
11) bis(2-Chloroethyl)ether	7.19	93	127049	39.228	ng	94
12) 1,3-Dichlorobenzene	7.65	146	135614	35.330	ng	93
13) 1,4-Dichlorobenzene	7.79	146	140547	36.246	ng	96
14) 1,2-Dichlorobenzene	8.10	146	135525	36.685	ng	96
15) Benzyl Alcohol	8.00	79	126777	31.763	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.28	45	96117	35.791	ng	99
17) 2-Methylphenol	8.20	107	104908	36.573	ng	93
18) Hexachloroethane	8.82	117	52512	32.479	ng	99
19) n-Nitroso-di-n-propylamine	8.56	70	123739	34.941	ng	94
20) 3+4-Methylphenols	8.53	107	134226	35.208	ng	95
22) Acetophenone	8.59	105	201197	42.234	ng	# 95
24) Nitrobenzene	8.97	77	173831	37.973	ng	93
25) Isophorone	9.49	82	308329	40.496	ng	97
26) 2-Nitrophenol	9.67	139	63820	46.179	ng	90
27) 2,4-Dimethylphenol	9.73	122	89410	38.860	ng	98
28) bis(2-Chloroethoxy)methane	9.97	93	167781	40.461	ng	99
29) 2,4-Dichlorophenol	10.20	162	118523	40.852	ng	98
30) 1,2,4-Trichlorobenzene	10.41	180	140464	39.347	ng	98
31) Naphthalene	10.60	128	367059	40.579	ng	99
32) Benzoic acid	9.83	122	29242	22.013	ng	# 84
33) 4-Chloroaniline	10.73	127	39247	10.542	ng	96
34) Hexachlorobutadiene	10.86	225	88386	34.999	ng	99
35) Caprolactam	11.53	113	28315m	32.639	ng	
36) 4-Chloro-3-methylphenol	11.85	107	131438	38.551	ng	94
37) 2-Methylnaphthalene	12.22	142	263897	40.018	ng	96
38) 1-Methylnaphthalene	12.44	142	254524	39.470	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	162662	37.741	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	180418	71.094	nq	96
43) 2,4,6-Trichlorophenol	12.83	196	107035	43.697	nq	98
44) 2,4,5-Trichlorophenol	12.90	196	109335	39.955	nq	98
46) 1,1'-Biphenyl	13.23	154	342875	37.814	nq	99
47) 2-Chloronaphthalene	13.28	162	277789	38.370	nq	98
48) 2-Nitroaniline	13.50	65	90748	35.209	nq	91
49) Acenaphthylene	14.13	152	434780	37.525	nq	98
50) Dimethylphthalate	13.87	163	500203	53.423	nq	99
51) 2,6-Dinitrotoluene	14.00	165	80301	40.720	nq	86
52) Acenaphthene	14.47	154	255288	38.423	nq	98
53) 3-Nitroaniline	14.33	138	34631	18.921	nq	94
54) 2,4-Dinitrophenol	14.54	184	70233	72.043	nq	88
55) Dibenzofuran	14.81	168	426651	38.069	nq	97
56) 4-Nitrophenol	14.64	139	102592	65.696	nq	84
57) 2,4-Dinitrotoluene	14.79	165	110490	41.233	nq	# 92
58) Fluorene	15.46	166	338017	36.724	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	109931	42.274	nq	97
60) Diethylphthalate	15.23	149	366542	38.857	nq	100
61) 4-Chlorophenyl-phenylether	15.45	204	195658	37.517	nq	94
62) 4-Nitroaniline	15.50	138	63916m	31.643	nq	
63) Azobenzene	15.74	77	377578	33.929	nq	98
65) 4,6-Dinitro-2-methylphenol	15.54	198	54631	42.428	nq	96
66) n-Nitrosodiphenylamine	15.67	169	295616	38.460	nq	98
67) 4-Bromophenyl-phenylether	16.34	248	122363	38.201	nq	96
68) Hexachlorobenzene	16.45	284	141519	38.394	nq	96
69) Atrazine	16.62	200	120211	40.020	nq	99
70) Pentachlorophenol	16.80	266	168691	79.987	nq	98
71) Phenanthrene	17.20	178	540341	37.474	nq	99
72) Anthracene	17.29	178	540511	37.492	nq	99
73) Carbazole	17.57	167	495481	38.090	nq	99
74) Di-n-butylphthalate	18.12	149	593682	37.923	nq	97
75) Fluoranthene	19.22	202	654915	35.898	nq	100
77) Benzidine	19.42	184	12135m	1.508	nq	
78) Pyrene	19.59	202	663392	39.264	nq	100
80) Butylbenzylphthalate	20.48	149	268846	43.757	nq	99
81) Benzo(a)anthracene	21.33	228	628184	35.595	nq	99
82) 3,3'-Dichlorobenzidine	21.27	252	102429	15.207	nq	99
83) Chrysene	21.39	228	621610	36.318	nq	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	408947	42.893	nq	99
85) Di-n-octyl phthalate	22.14	149	700919	44.233	nq	98
86) Indeno(1,2,3-cd)pyrene	25.96	276	732972	36.003	nq	# 100
88) Benzo(b)fluoranthene	22.94	252	635419	36.813	nq	99
89) Benzo(k)fluoranthene	22.99	252	631557	40.112	nq	99
90) Benzo(a)pyrene	23.53	252	603616	38.500	nq	99
91) Dibenzo(a,h)anthracene	25.97	278	634043	38.887	nq	98
92) Benzo(g,h,i)perylene	26.67	276	600617	38.800	nq	96

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

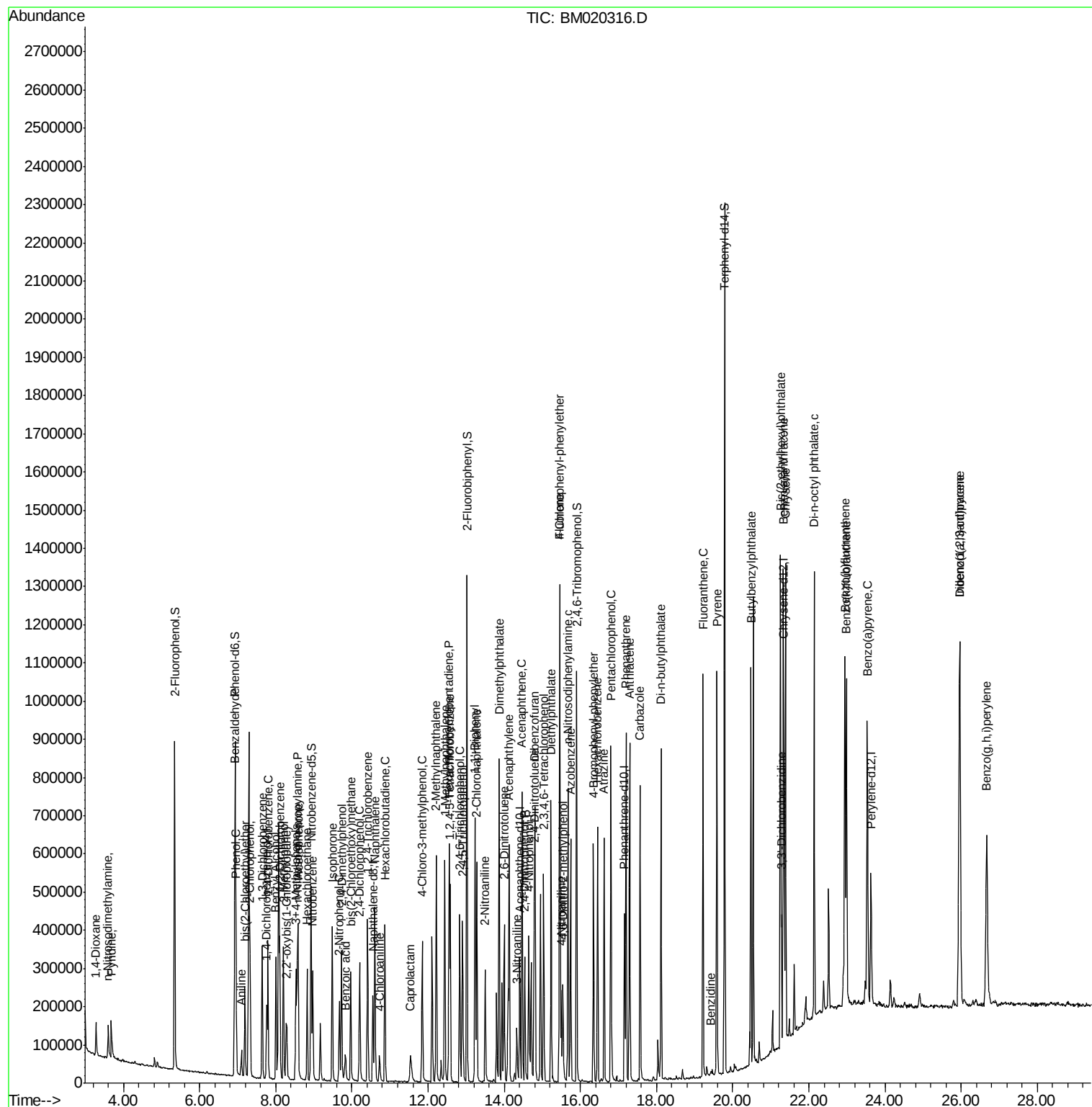
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
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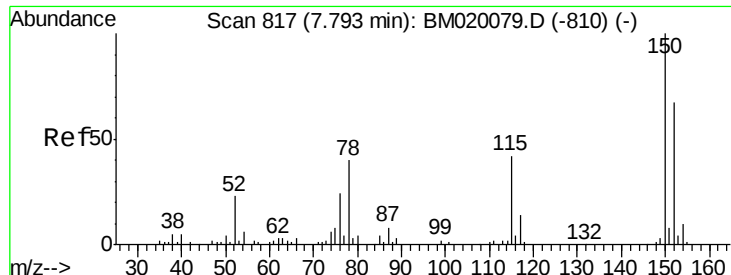
Instrument :
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#1

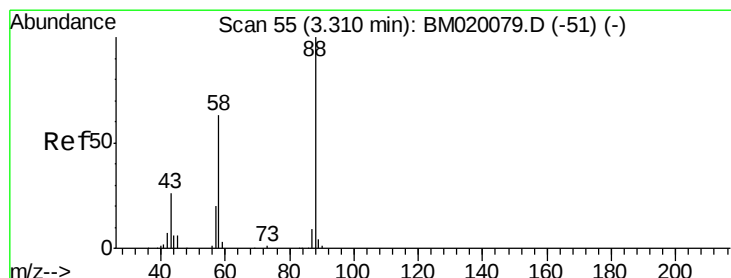
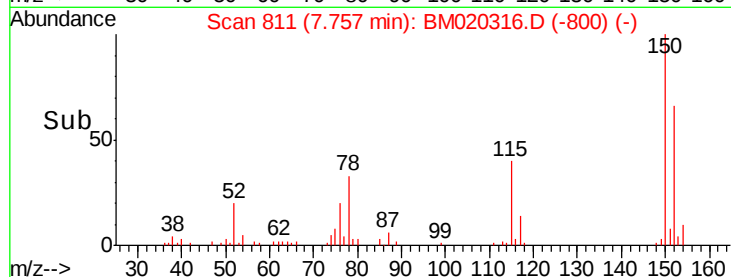
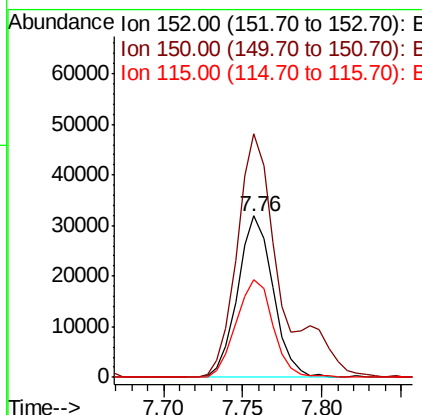
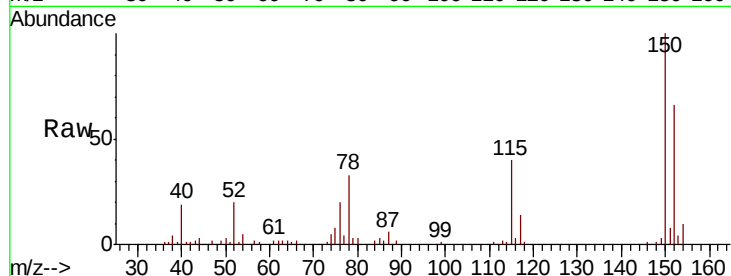
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
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ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.8	179.8
115	60.8	50.8	76.2

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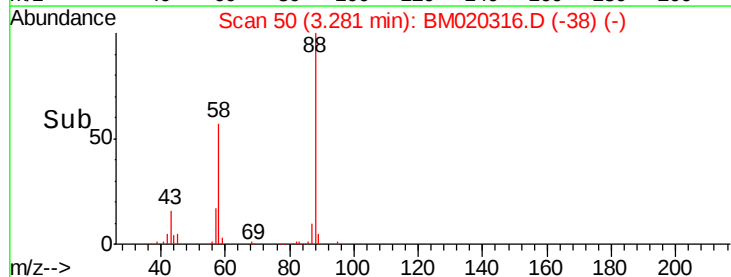
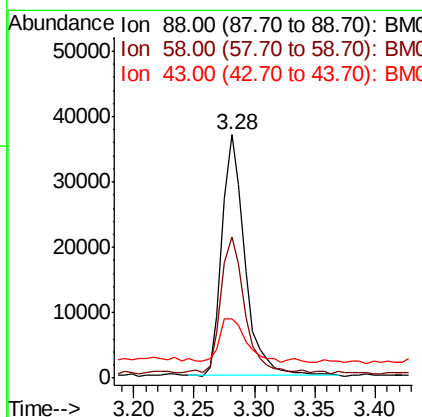
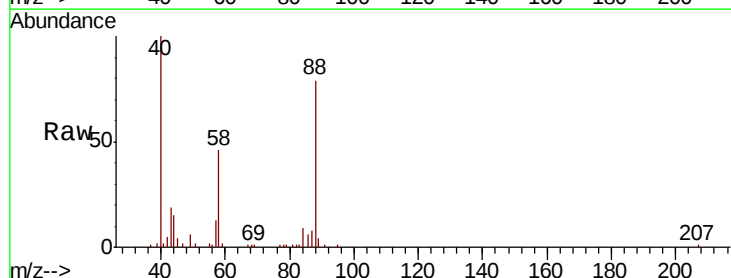
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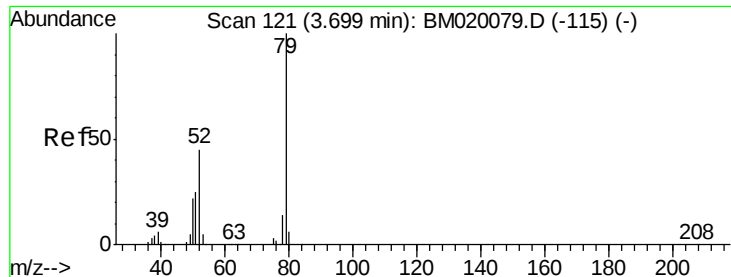


#2

1,4-Dioxane
Concen: 32.736 ng
RT: 3.28 min Scan# 50
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.7	51.8	77.6
43	21.2	20.3	30.5





#3

Pvridine

Concen: 21.804 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

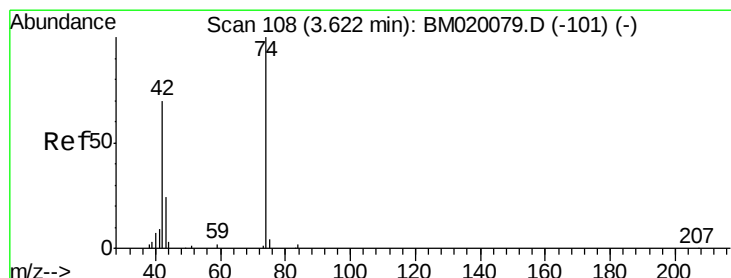
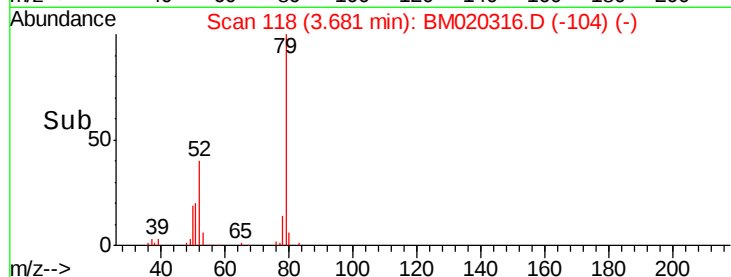
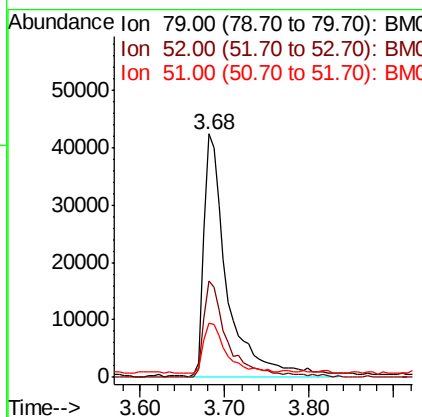
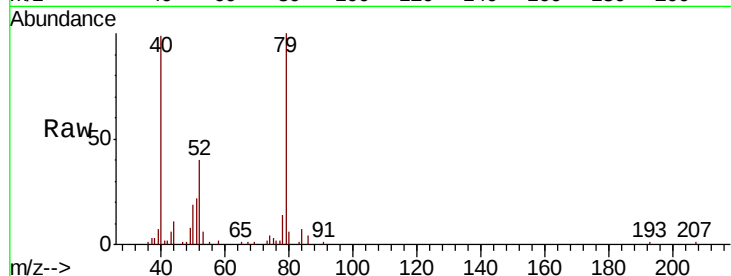
ClientSampleId :

P021-SS008-0206-01MSD

Tot Ion:	79	Resp:	82864
Ion	Ratio	Lower	Upper
79	100		
52	39.6	35.7	53.5
51	22.2	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 32.594 ng

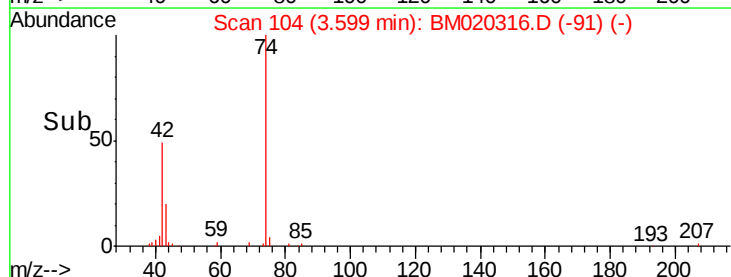
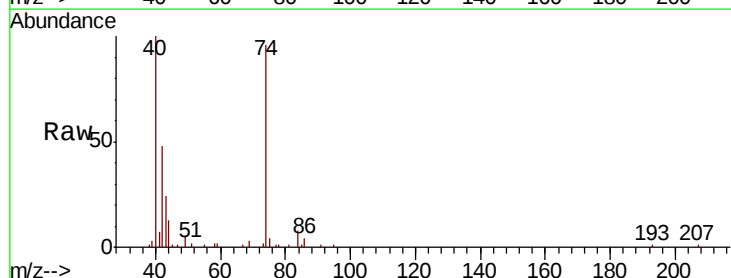
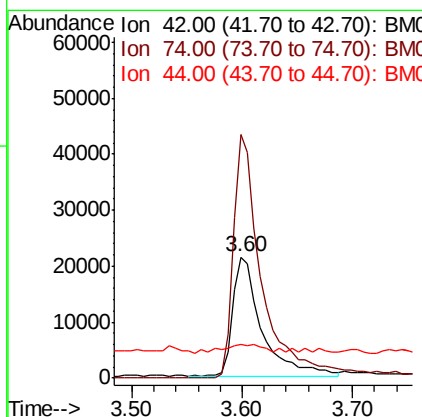
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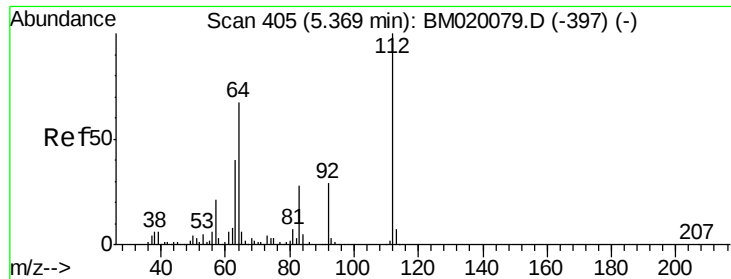
Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion:	42	Resp:	39722
Ion	Ratio	Lower	Upper
42	100		
74	201.3	113.7	170.5#
44	27.9	3.9	5.9#





#5

2-Fluorophenol

Concen: 115.104 ng

RT: 5.35 min Scan# 401

Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

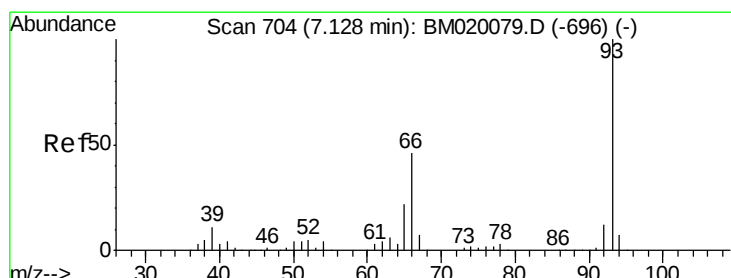
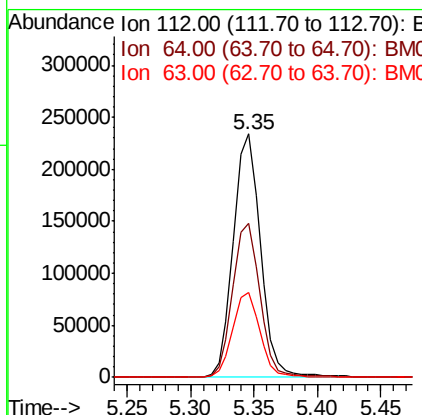
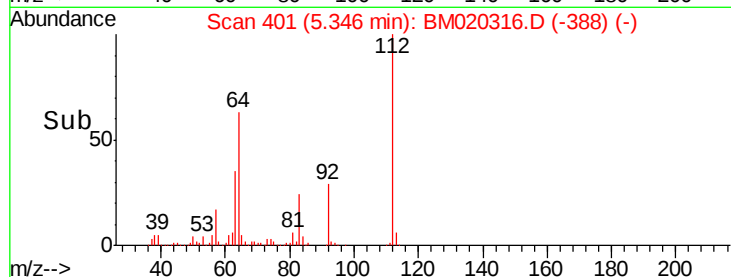
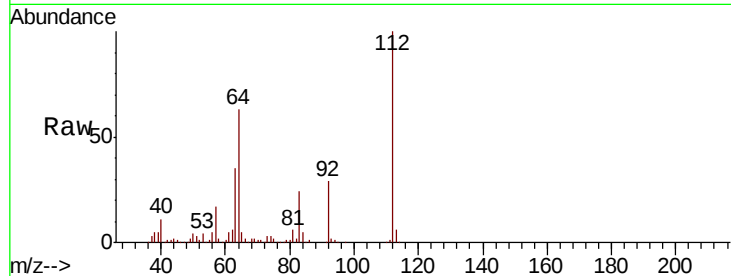
ClientSampleId :

P021-SS008-0206-01MSD

Tot Ion:	112	Resp:	348750
Ion Ratio	Lower	Upper	
112	100		
64	63.3	53.8	80.6
63	35.0	32.3	48.5

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#6

Aniline

Concen: 8.568 ng

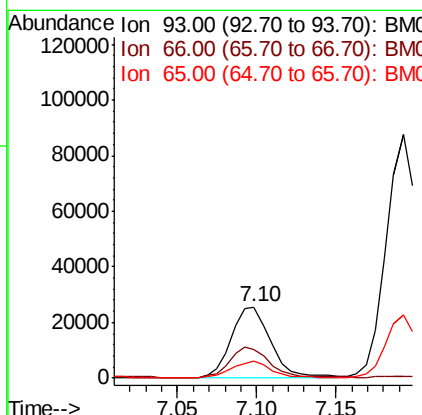
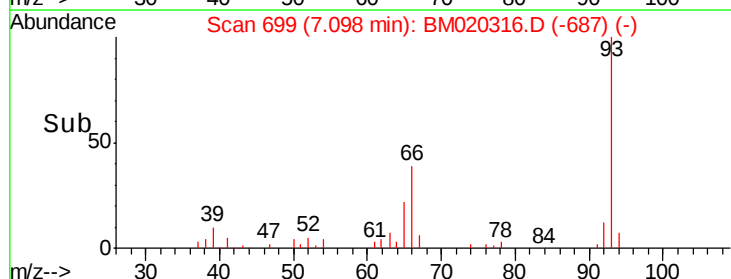
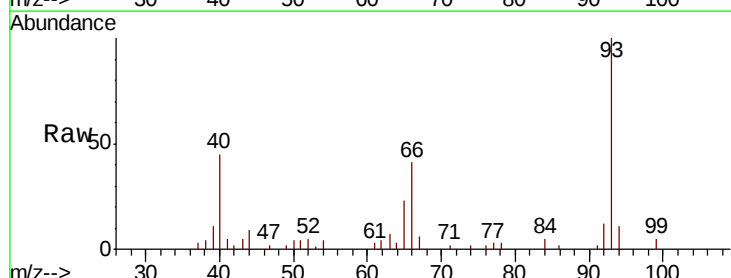
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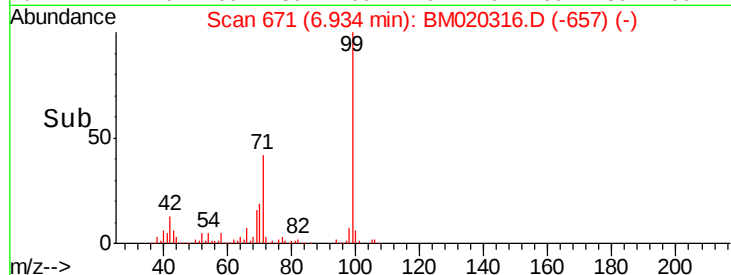
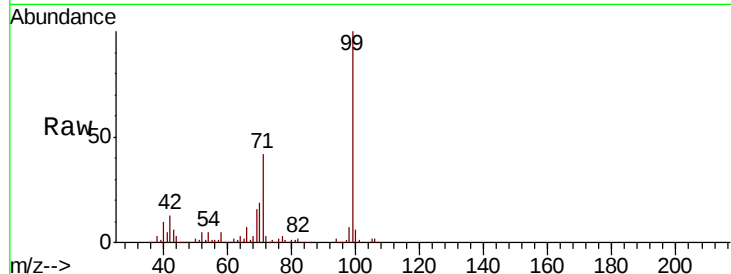
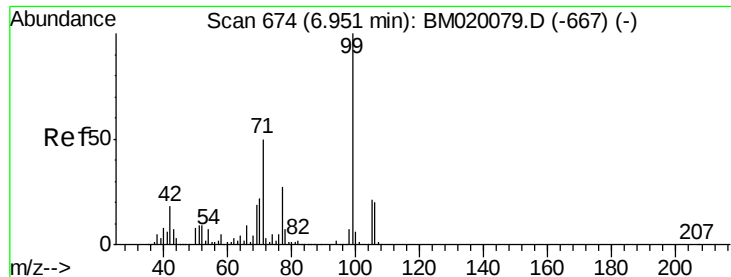
Delta R.T. -0.03 min

Lab File: BM020316.D

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Tgt Ion:	93	Resp:	44646
Ion Ratio	Lower	Upper	
93	100		
66	40.8	36.6	54.8
65	23.1	17.8	26.6





#7

Phenol-d6

Concen: 115.852 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		479539		
42	13.4	14.2	21.2#		
71	42.4	40.3	60.5		

Instrument :

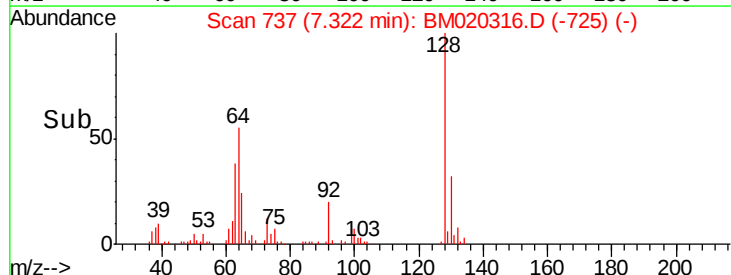
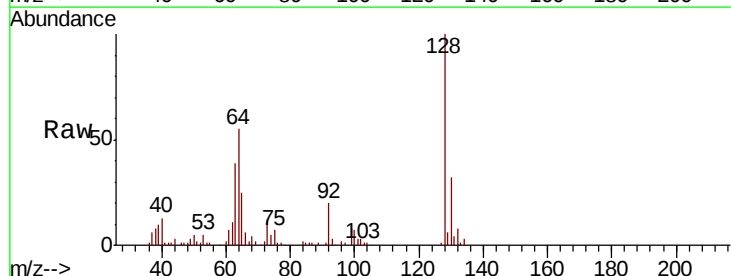
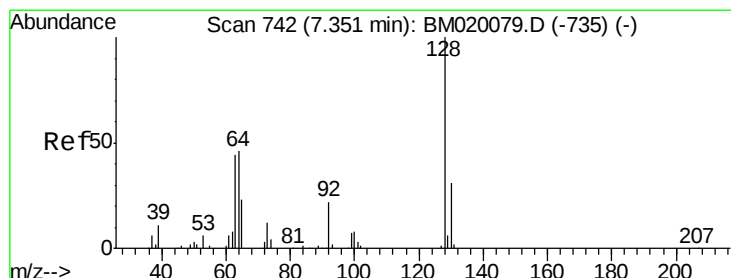
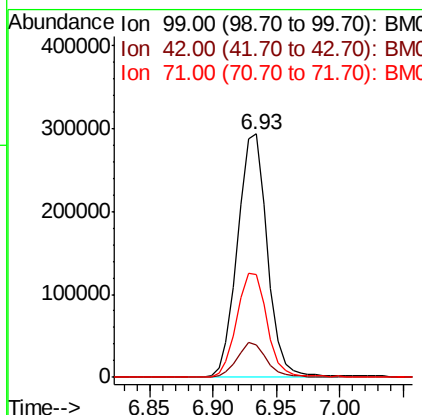
BNA_M

ClientSampleId :

P021-SS008-0206-01MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.135 ng

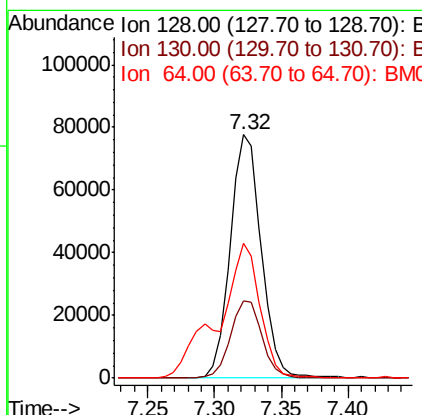
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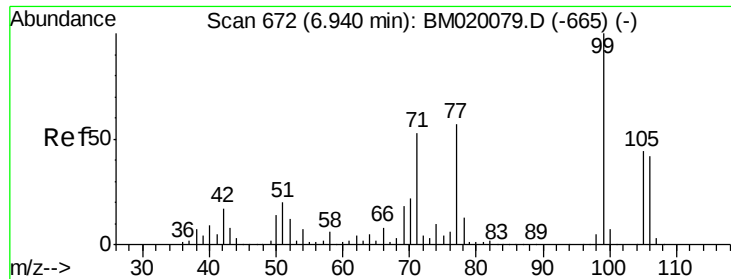
Delta R.T. -0.03 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		125810		
130	31.9	10.8	50.8		
64	55.5	36.5	76.5		





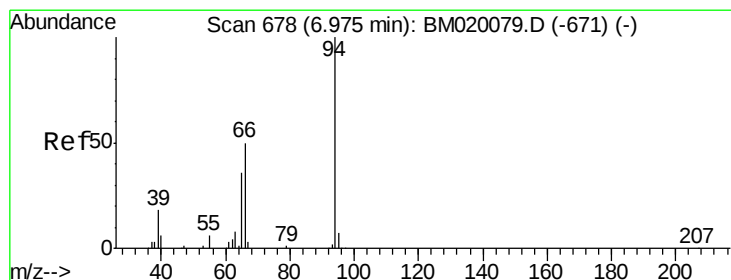
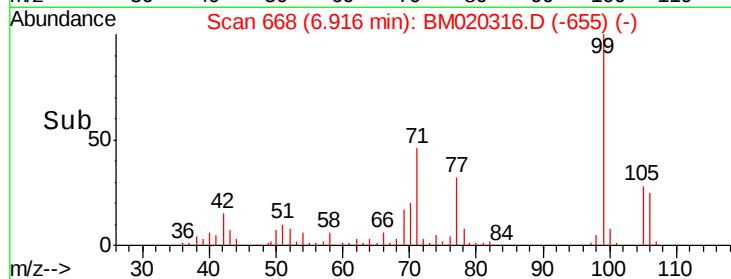
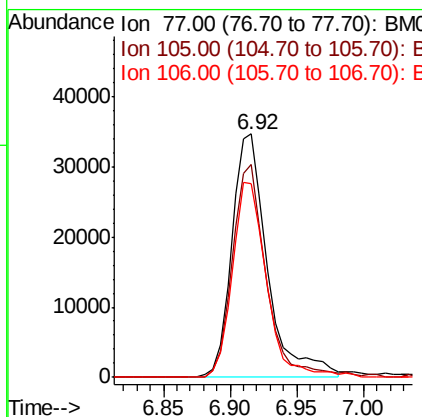
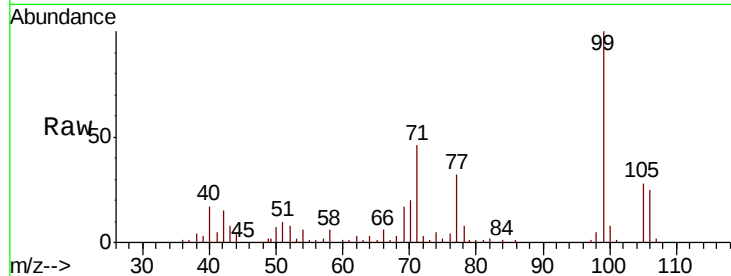
#9
Benzaldehyde
Concen: 20.608 ng
RT: 6.92 min Scan# 668
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.2	57.8	97.8
106	79.8	53.6	93.6

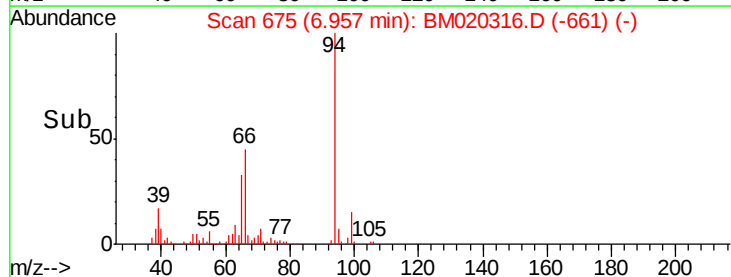
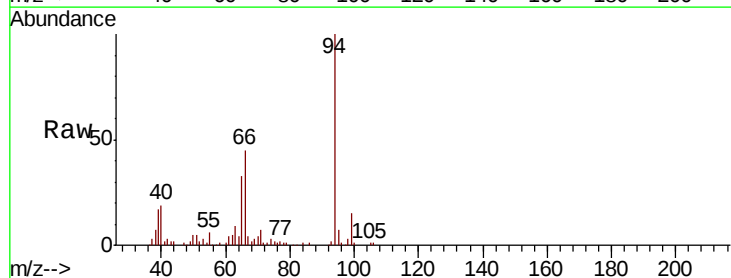
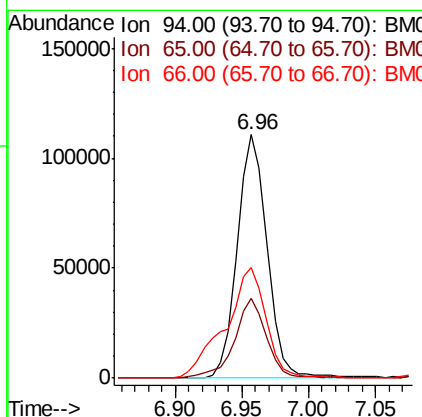
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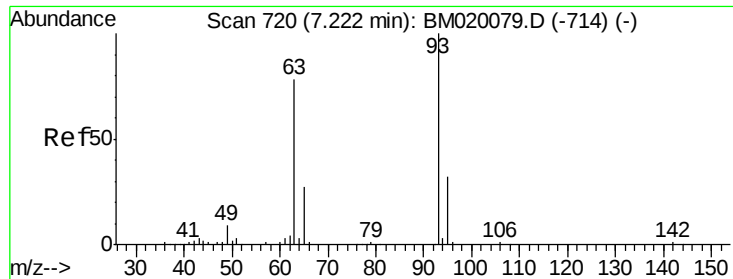
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#10
Phenol
Concen: 38.419 ng
RT: 6.96 min Scan# 675
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.7	17.0	57.0
66	45.5	34.5	74.5





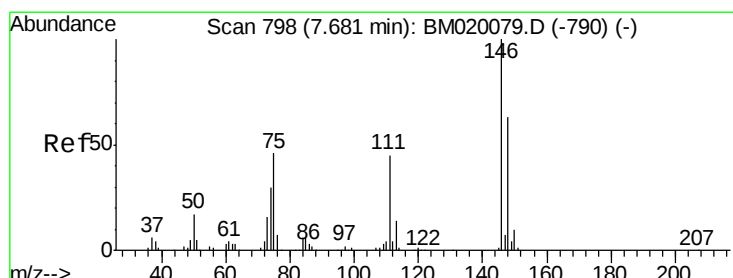
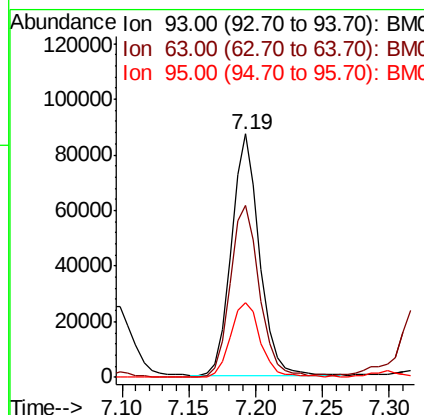
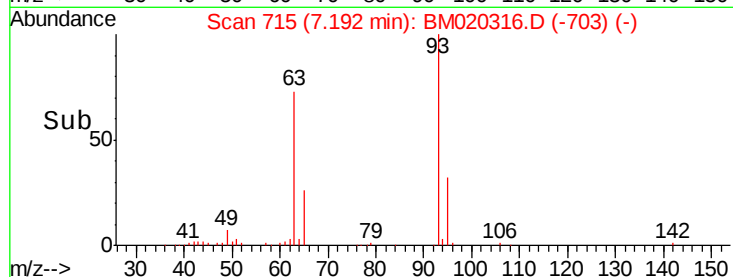
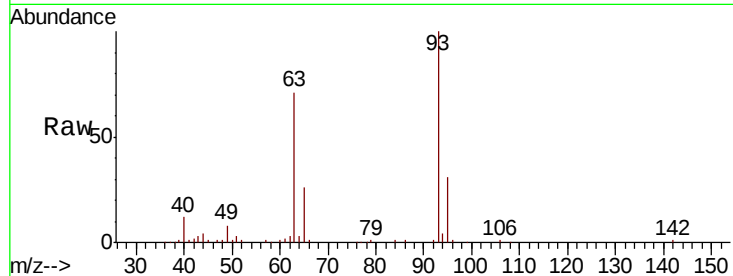
#11
bis(2-Chloroethyl)ether
Concen: 39.228 ng
RT: 7.19 min Scan# 715
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion:	93	Resp:	127049
Ion	Ratio	Lower	Upper
93	100		
63	70.6	57.9	97.9
95	30.6	11.3	51.3

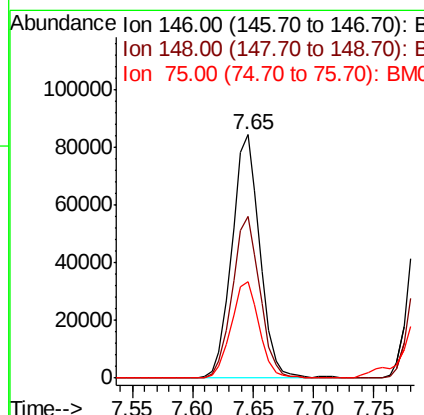
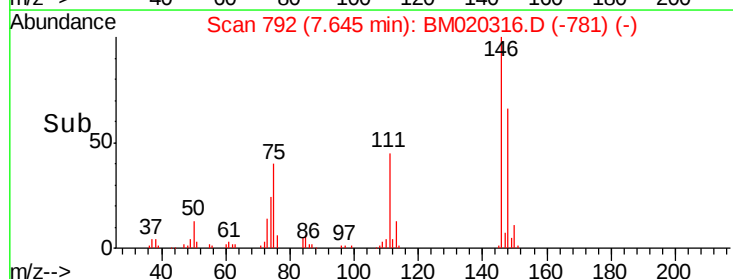
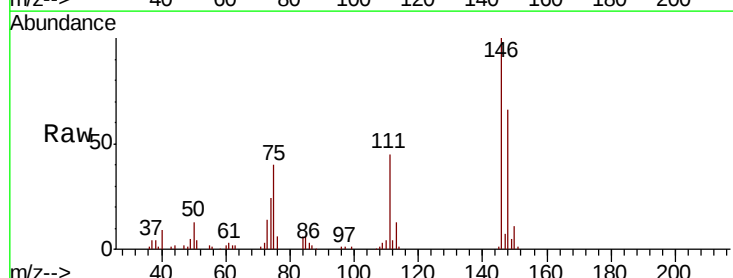
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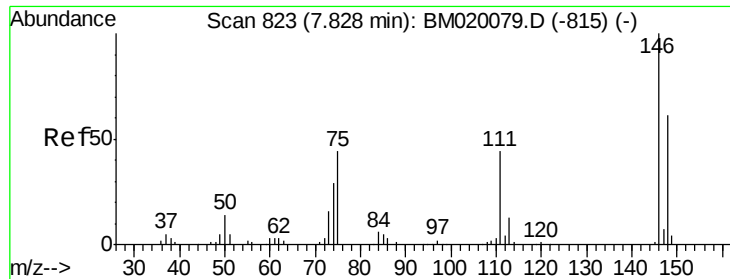
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#12
1,3-Dichlorobenzene
Concen: 35.330 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion:	146	Resp:	135614
Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.1	75.1
75	39.7	37.2	55.8





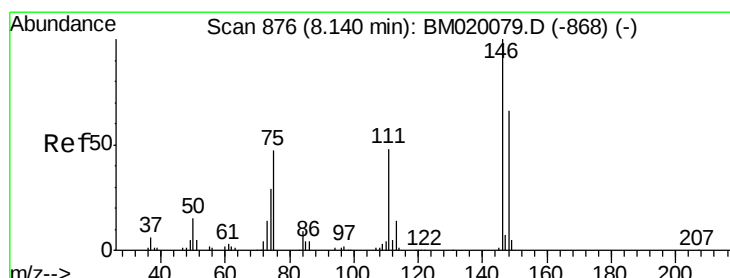
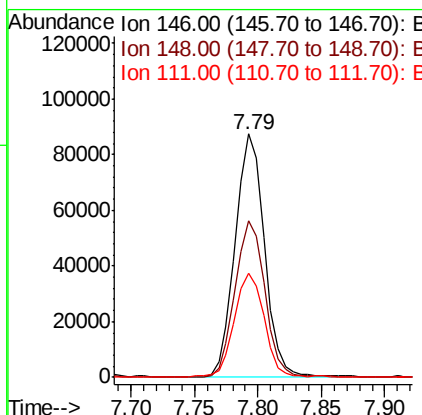
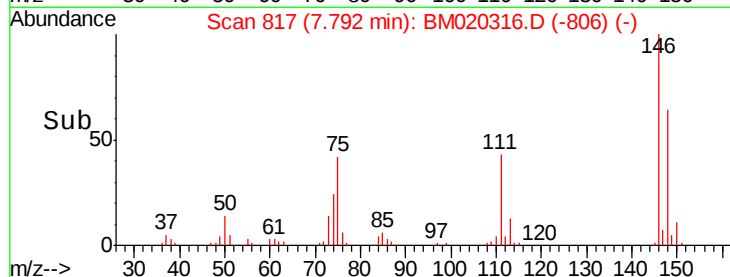
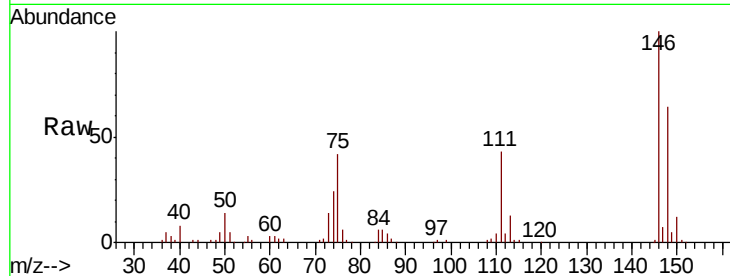
#13
 1,4-Dichlorobenzene
 Concen: 36.246 ng
 RT: 7.79 min Scan# 817
 Delta R.T. -0.04 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	48.5	72.7
111	42.6	35.7	53.5

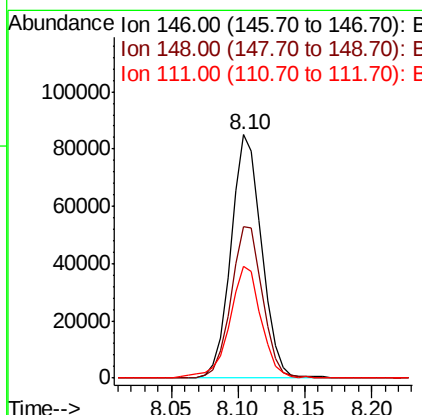
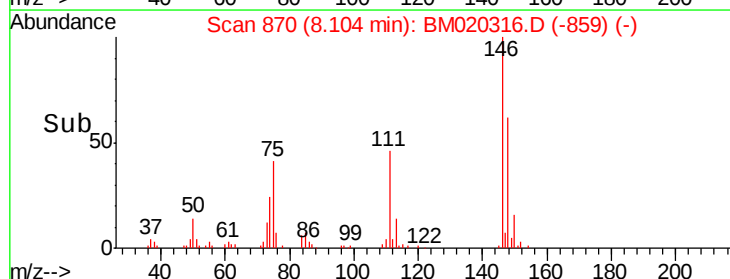
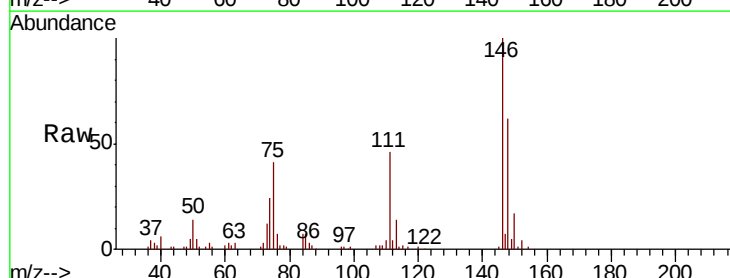
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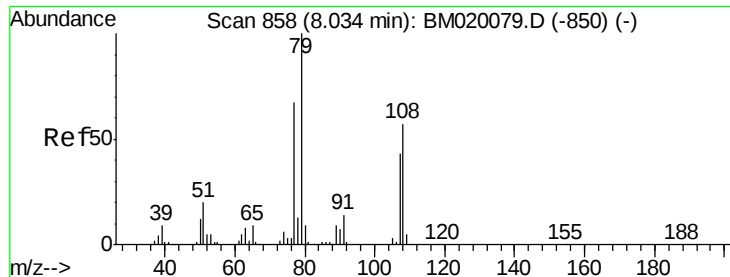
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#14
 1,2-Dichlorobenzene
 Concen: 36.685 ng
 RT: 8.10 min Scan# 870
 Delta R.T. -0.04 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.6	79.0
111	46.0	39.0	58.4





#15

Benzyl Alcohol

Concen: 31.763 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

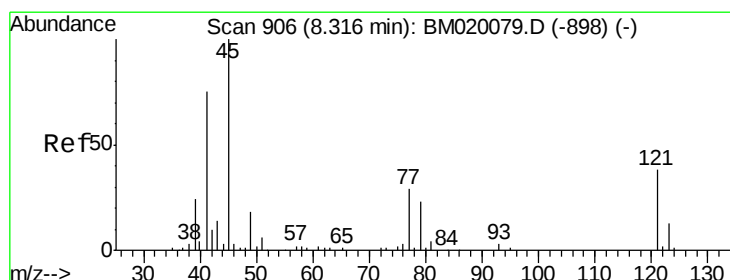
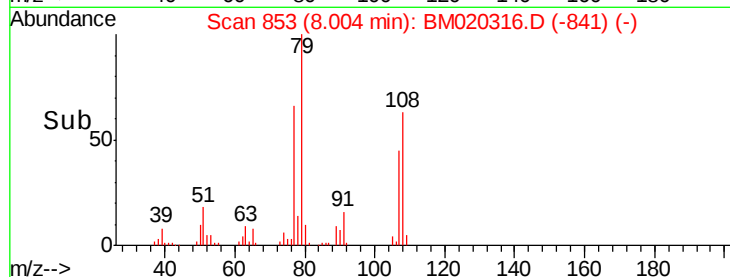
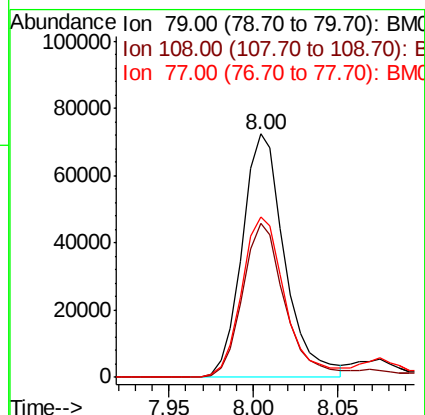
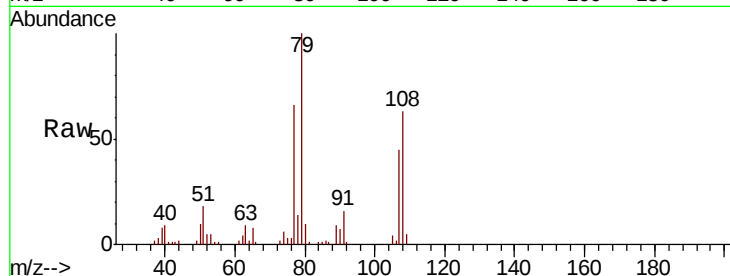
ClientSampleId :

P021-SS008-0206-01MSD

Tot Ion:	79	Resp:	126777
Ion Ratio	Lower	Upper	
79	100		
108	63.3	46.0	69.0
77	65.7	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.791 ng

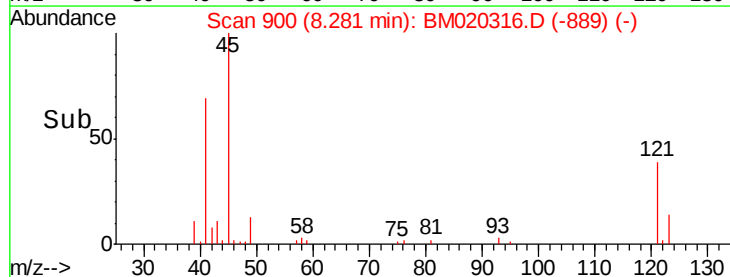
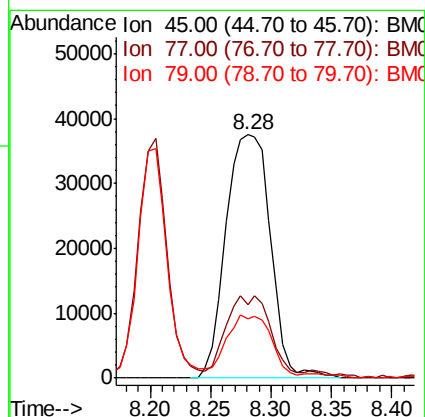
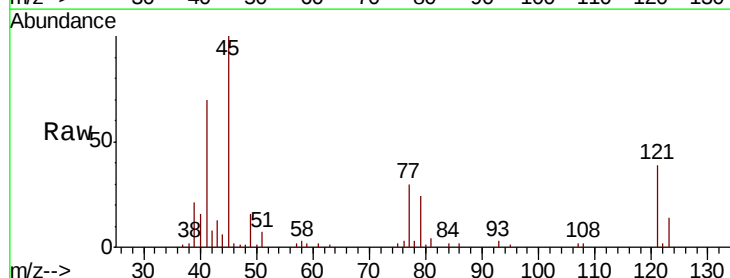
RT: 8.28 min Scan# 900

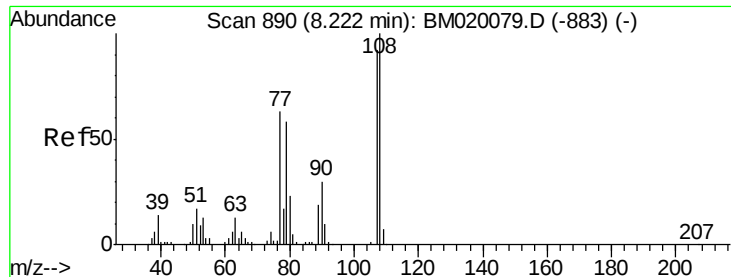
Delta R.T. -0.04 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion:	45	Resp:	96117
Ion Ratio	Lower	Upper	
45	100		
77	30.3	10.5	50.5
79	24.4	3.3	43.3





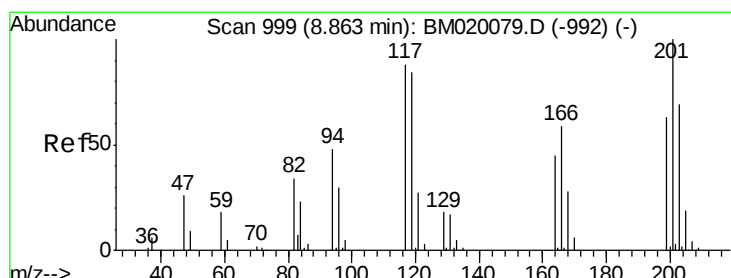
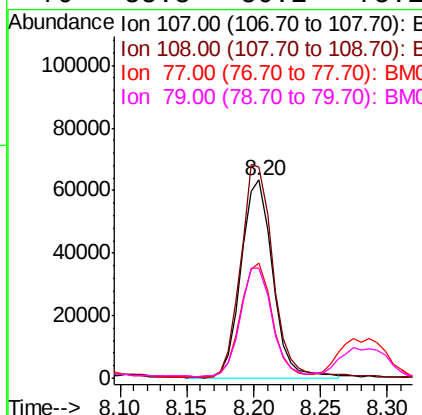
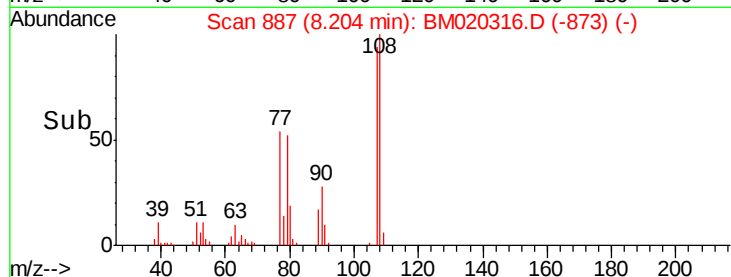
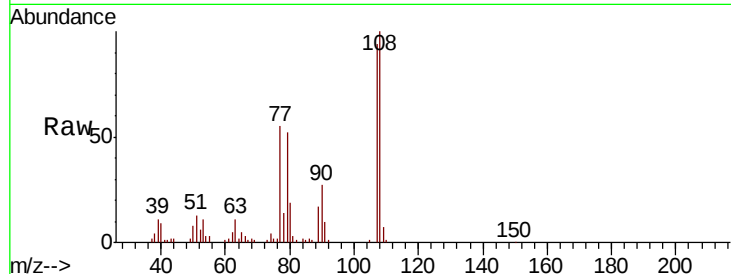
#17
2-Methylphenol
Concen: 36.573 ng
RT: 8.20 min Scan# 887
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.9	87.0	130.4	
77	58.3	54.7	82.1	
79	55.8	50.1	75.1	

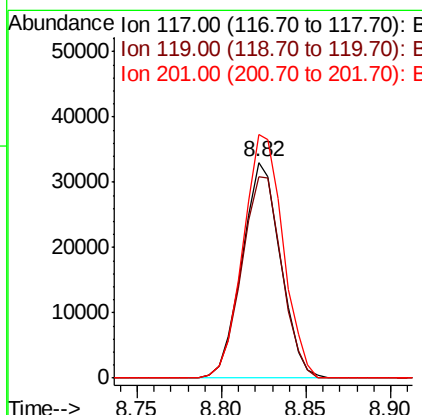
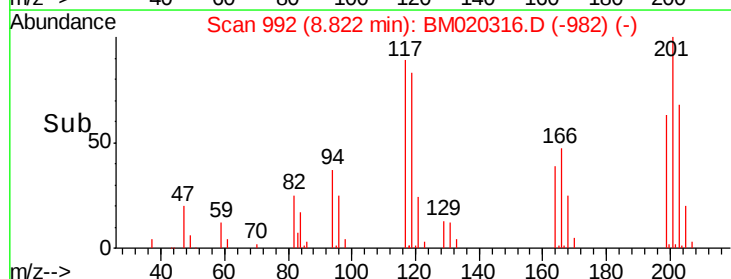
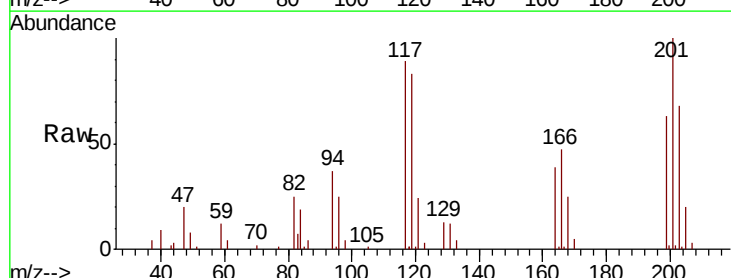
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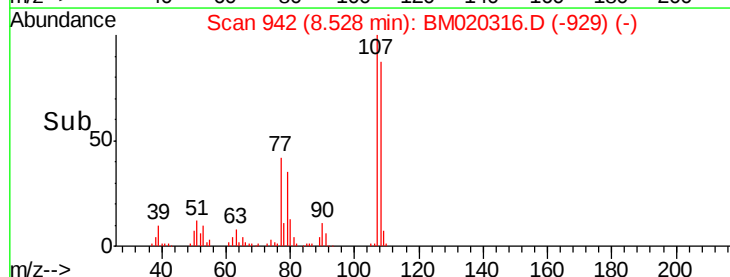
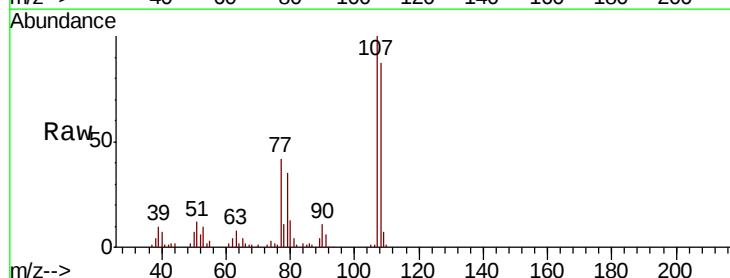
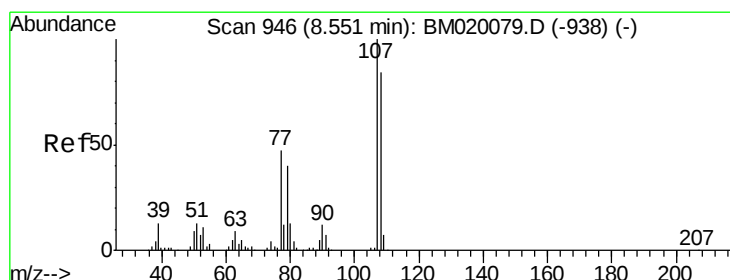
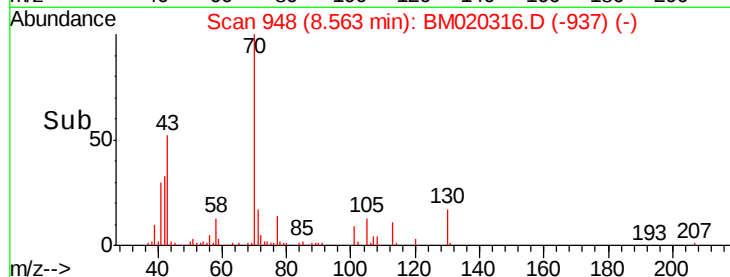
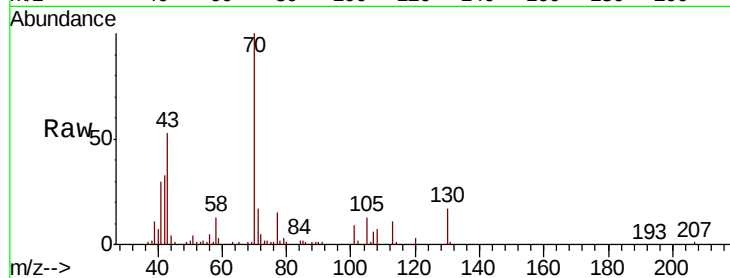
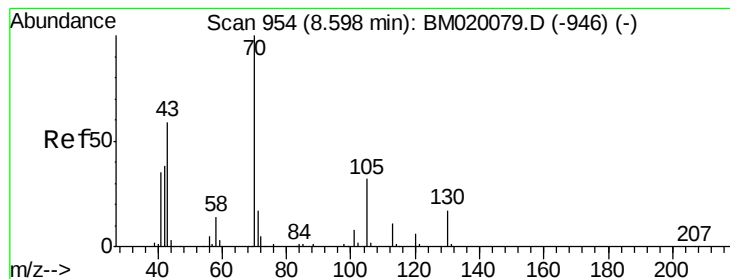
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#18
Hexachloroethane
Concen: 32.479 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	76.6	114.8	
201	112.7	90.7	136.1	





#19

n-Nitroso-di-n-propylamine

Concen: 34.941 ng

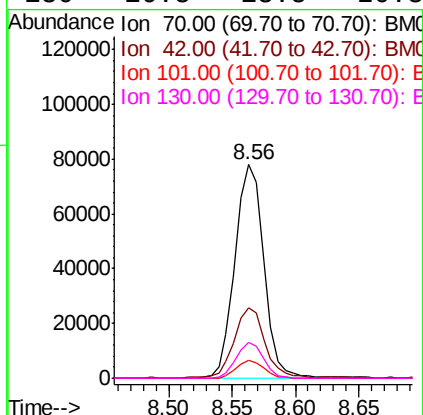
RT: 8.56 min Scan# 948

Delta R.T. -0.04 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tot Ion	Ratio	Lower	Upper
70	100		
42	33.1	31.0	46.4
101	8.6	6.2	9.2
130	16.8	13.5	20.3



Instrument :

BNA_M

ClientSampleId :

P021-SS008-0206-01MSD

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#20

3+4-Methylphenols

Concen: 35.208 ng

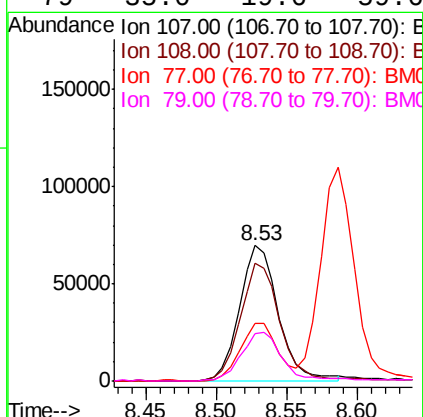
RT: 8.53 min Scan# 942

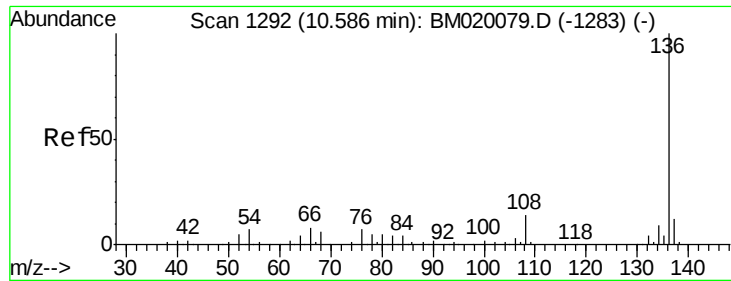
Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	64.4	104.4
77	42.2	27.2	67.2
79	35.0	19.6	59.6





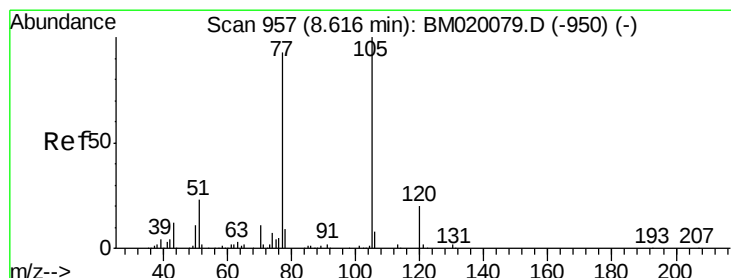
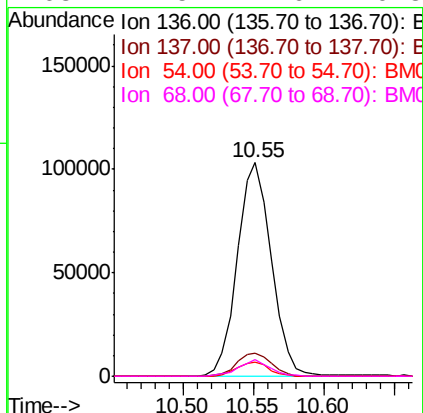
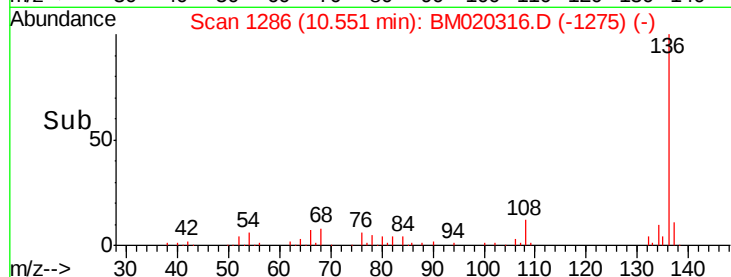
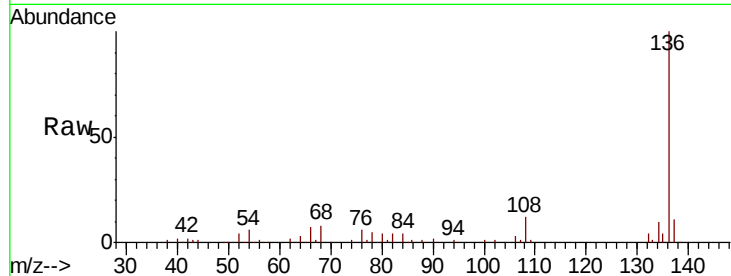
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	6.4	5.5	8.3
68	7.5	4.6	6.8#

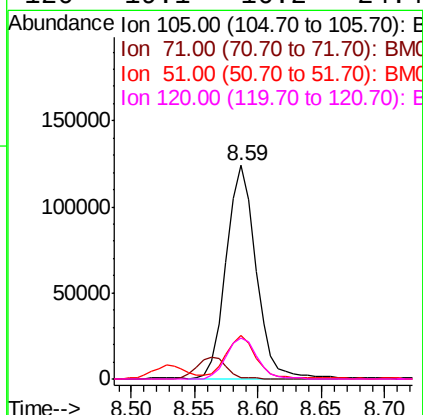
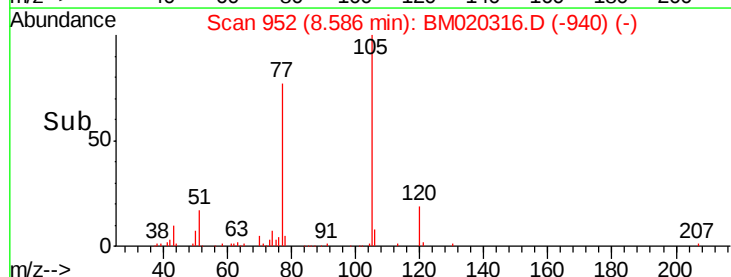
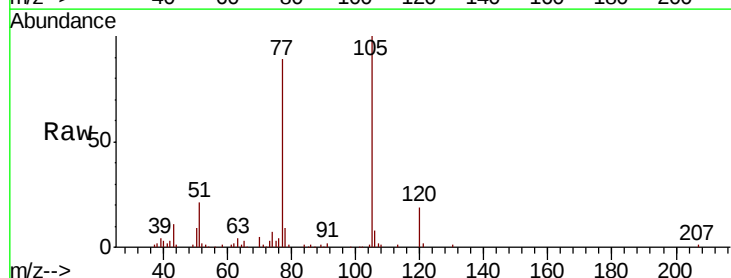
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#22
Acetophenone
Concen: 42.234 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.2	3.2#
51	20.6	19.3	28.9
120	19.1	16.2	24.4





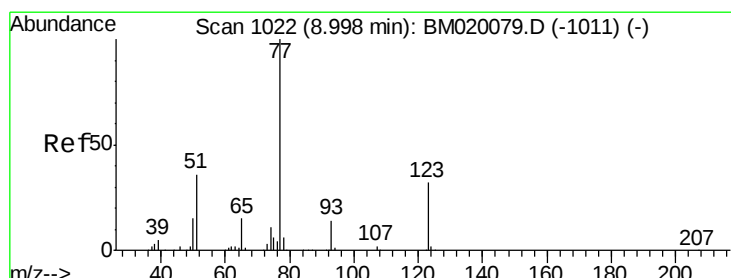
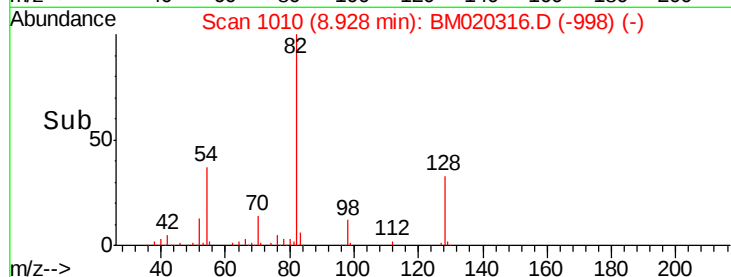
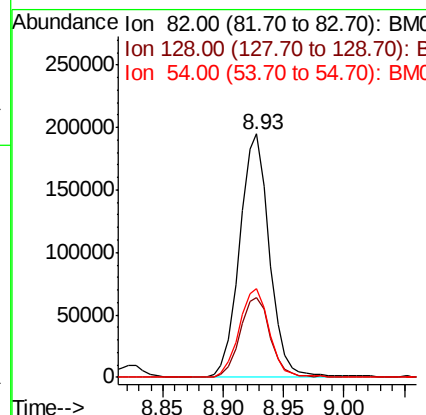
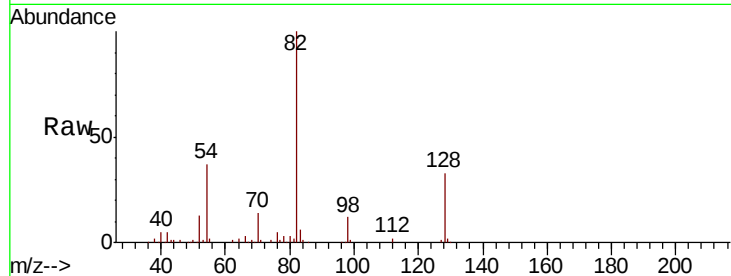
#23
 Nitrobenzene-d5
 Concen: 76.255 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. -0.03 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.0	25.2	37.8	
54	36.6	31.9	47.9	

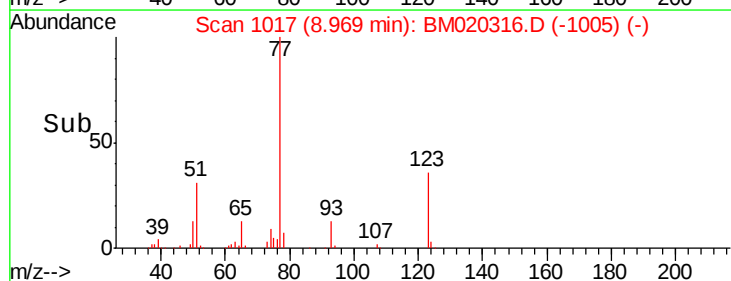
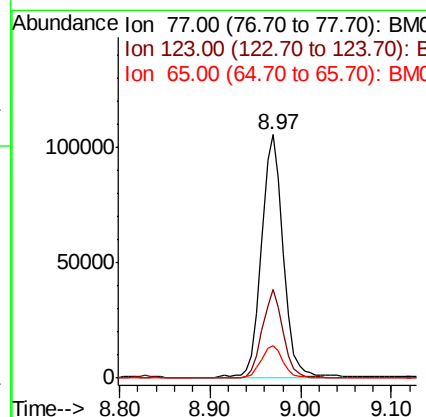
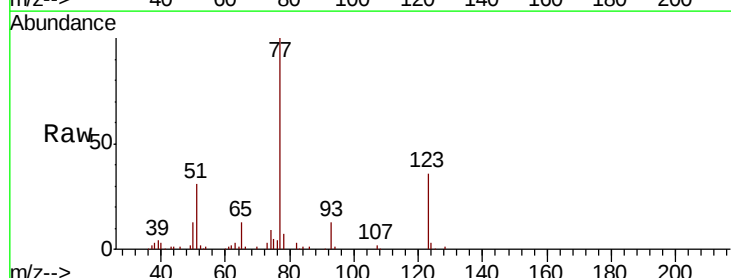
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#24
 Nitrobenzene
 Concen: 37.973 ng
 RT: 8.97 min Scan# 1017
 Delta R.T. -0.03 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.3	25.5	38.3	
65	13.1	11.8	17.6	





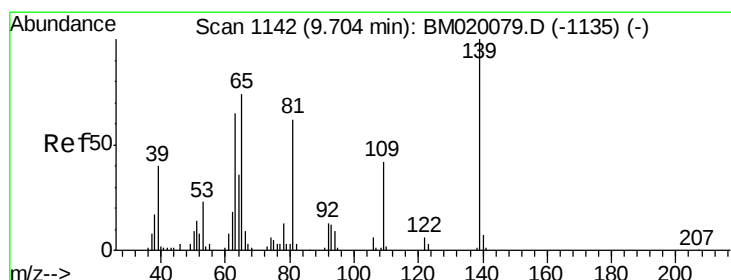
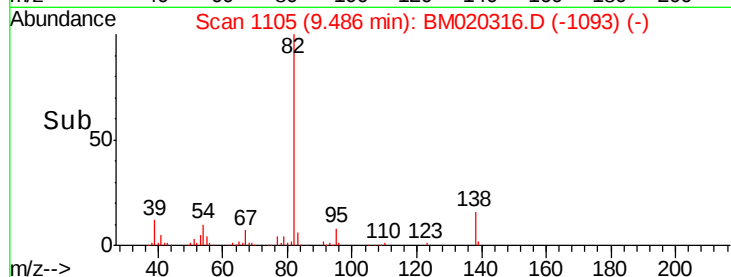
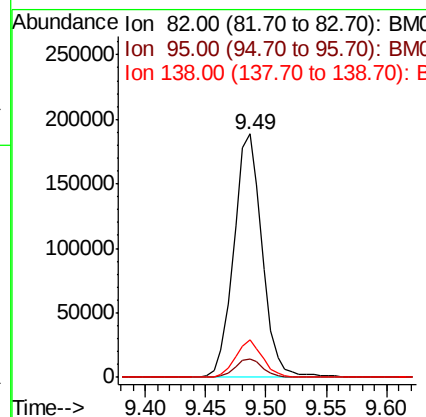
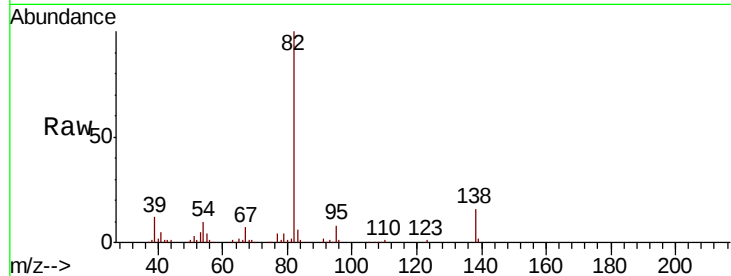
#25
Isophorone
Concen: 40.496 ng
RT: 9.49 min Scan# 1105
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	308329		
95	7.6		6.4	9.6
138	15.6		11.1	16.7

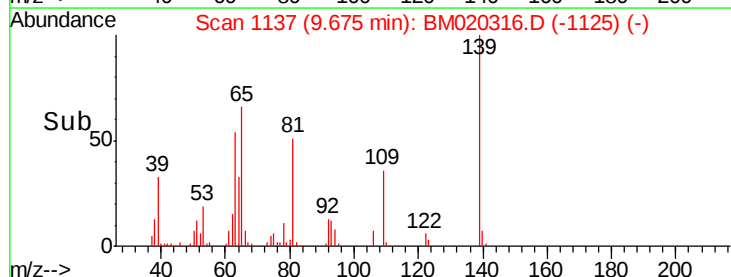
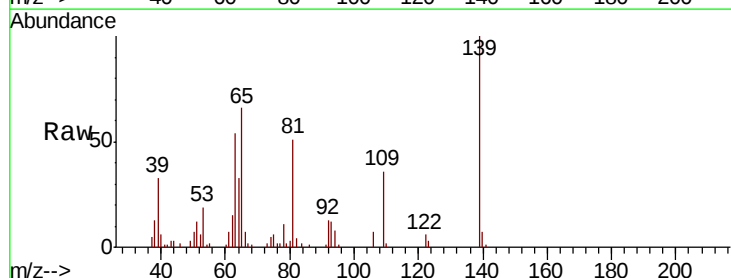
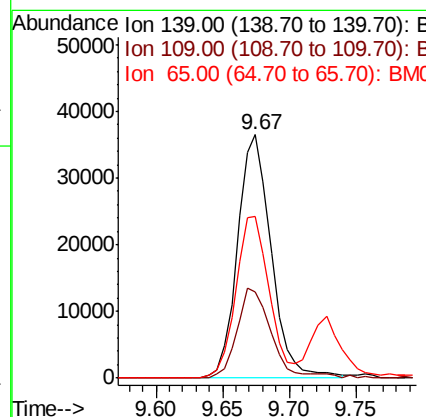
Manual Integrations
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#26
2-Nitrophenol
Concen: 46.179 ng
RT: 9.67 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	63820		
109	35.6		33.7	50.5
65	66.4		59.5	89.3





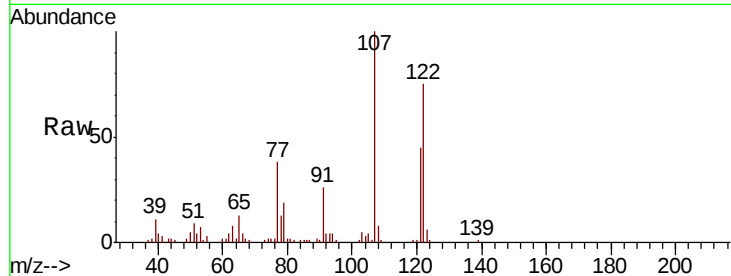
#27
2,4-Dimethylphenol
Concen: 38.860 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.6	108.6	162.8
121	59.4	47.4	71.2

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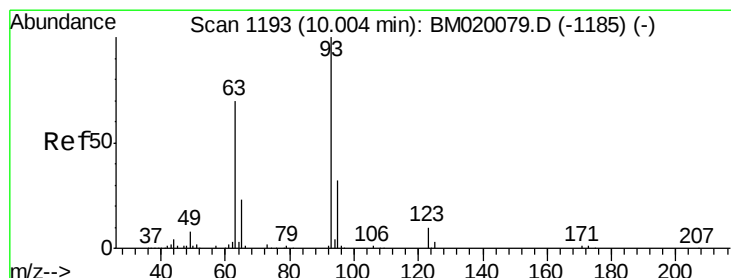
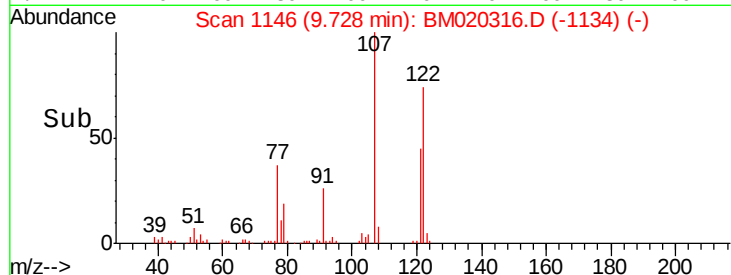
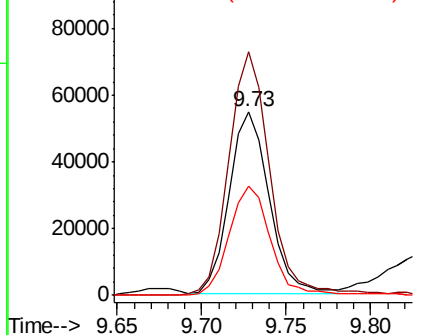


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.461 ng
RT: 9.97 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

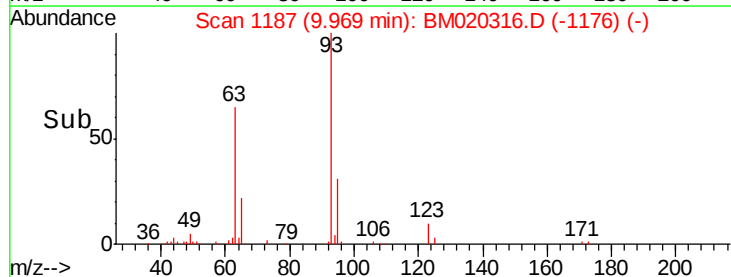
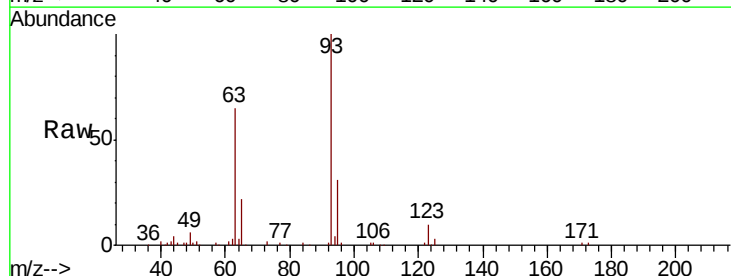
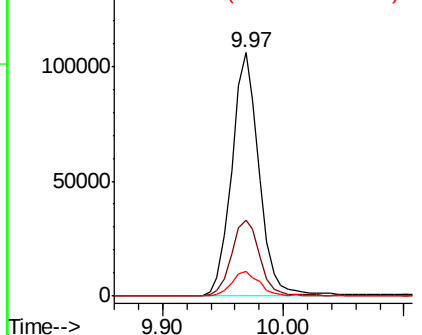
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.5	38.3
123	10.3	7.6	11.4

Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





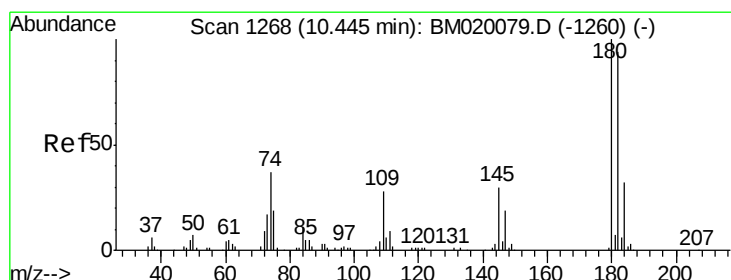
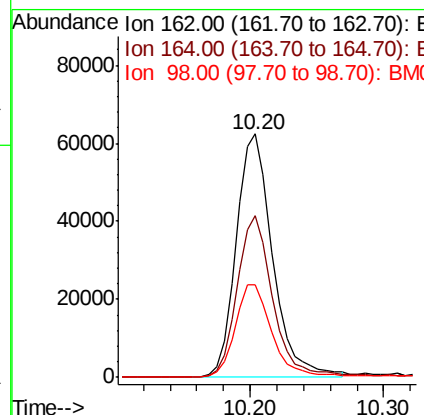
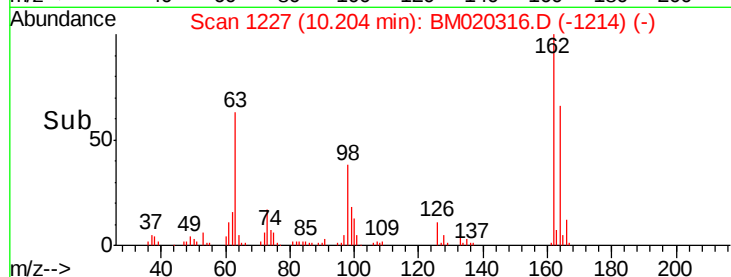
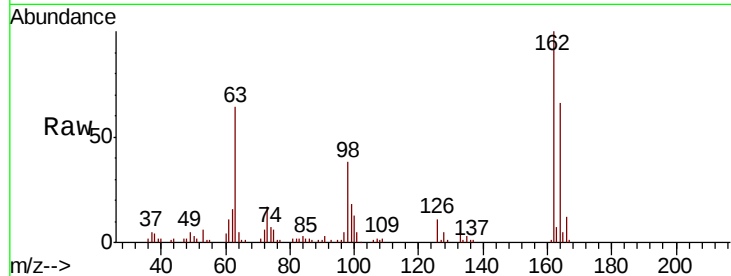
#29
2,4-Dichlorophenol
Concen: 40.852 ng
RT: 10.20 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	118523		
164	66.4	45.6	85.6	
98	38.1	20.4	60.4	

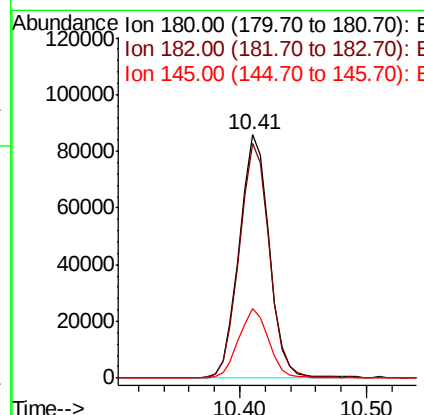
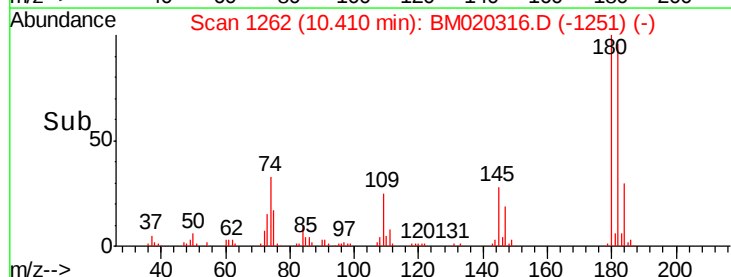
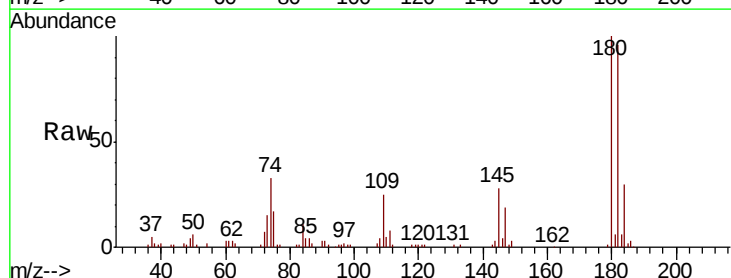
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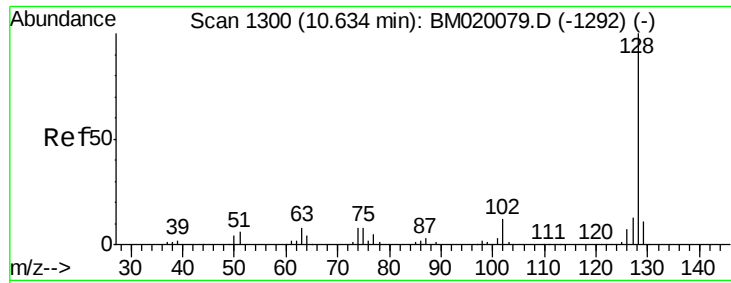
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#30
1,2,4-Trichlorobenzene
Concen: 39.347 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140464		
182	96.2	75.4	113.0	
145	28.3	23.8	35.8	





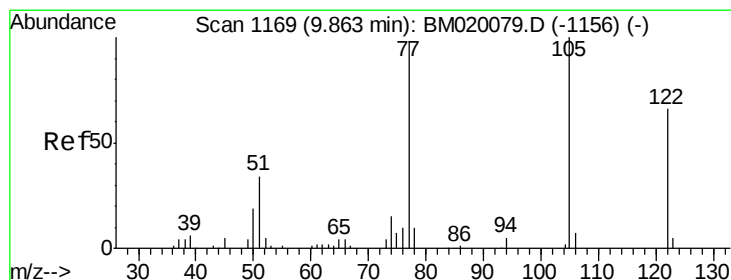
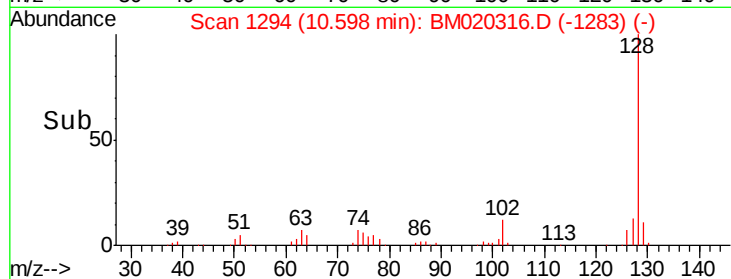
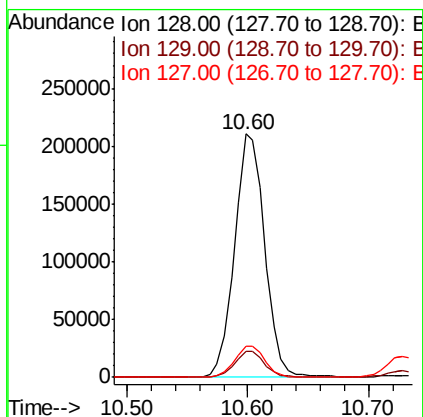
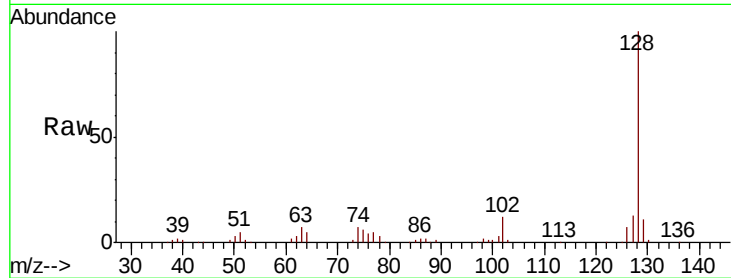
#31
Naphthalene
Concen: 40.579 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	12.9	10.4	15.6

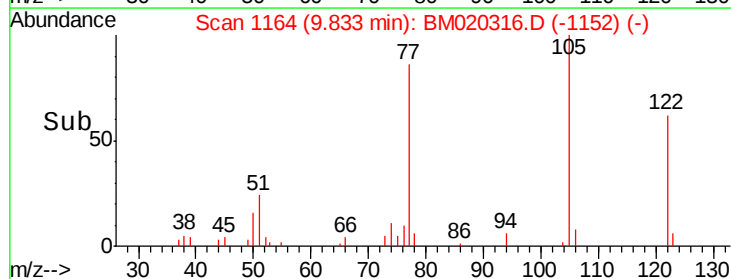
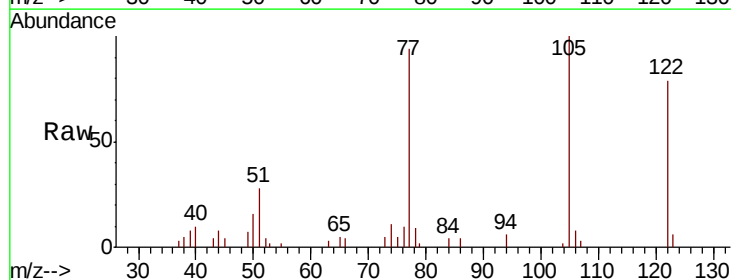
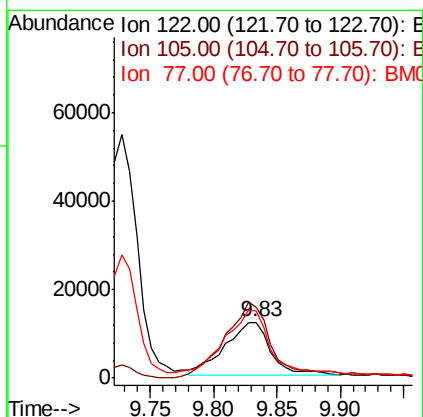
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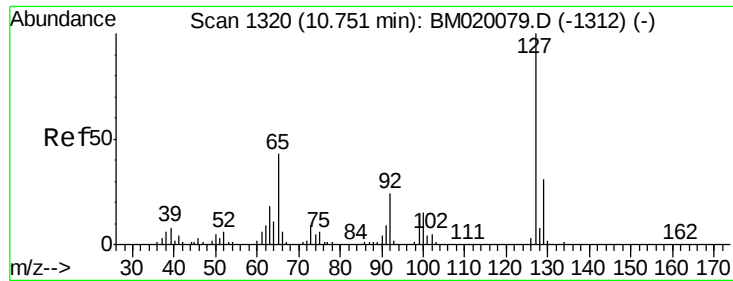
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#32
Benzoic acid
Concen: 22.013 ng
RT: 9.83 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	122.5	162.5
77	119.6	123.3	163.3





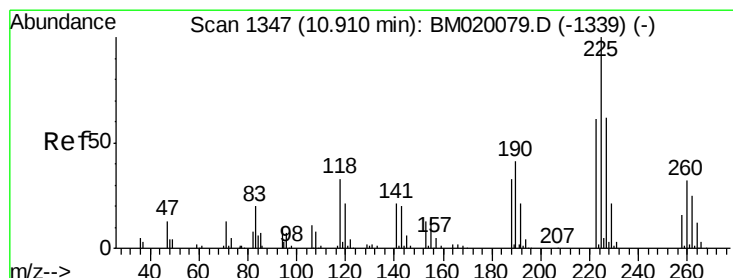
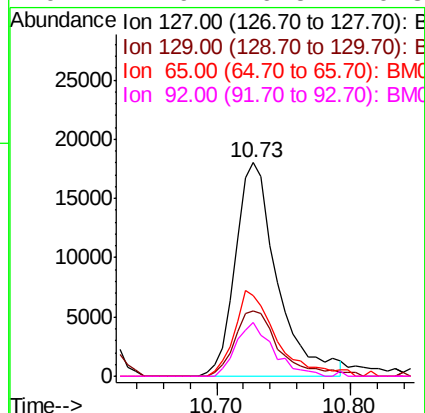
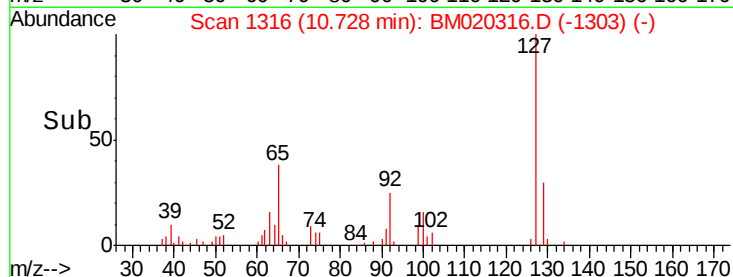
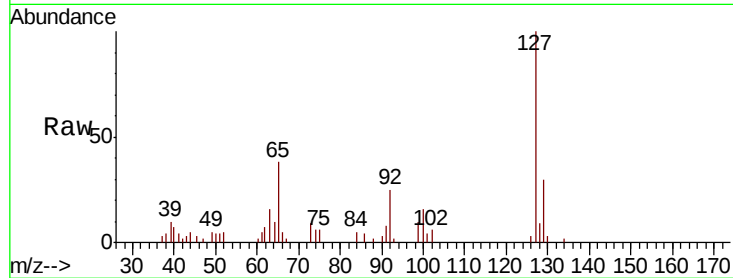
#33
4-Chloroaniline
Concen: 10.542 ng
RT: 10.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.4	24.7	37.1		
65	37.7	34.6	52.0		
92	24.9	19.5	29.3		

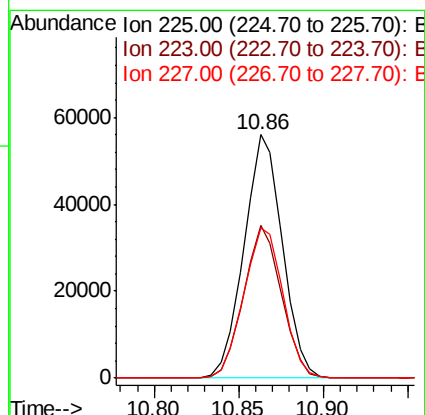
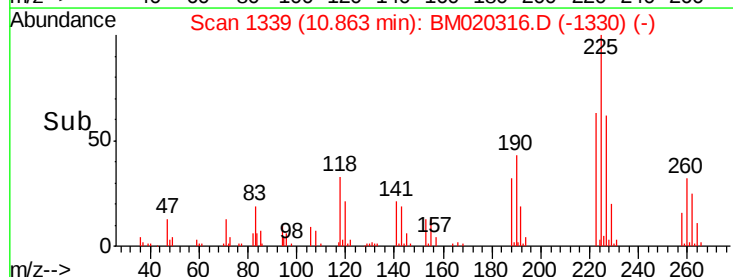
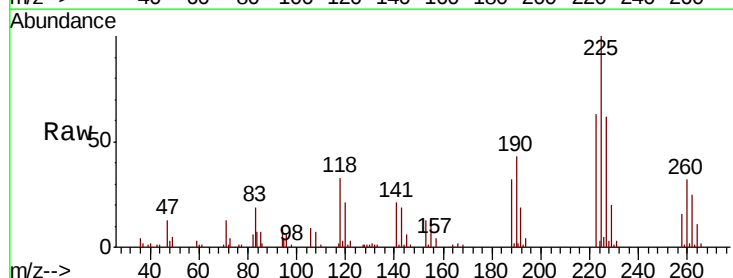
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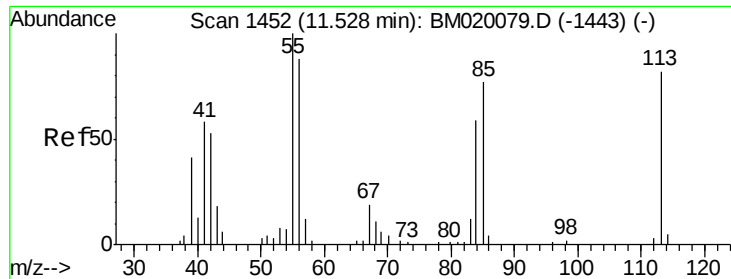
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#34
Hexachlorobutadiene
Concen: 34.999 ng
RT: 10.86 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	48.9	73.3		
227	61.8	49.6	74.4		





#35

Caprolactam

Concen: 32.639 ng/mL

RT: 11.53 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

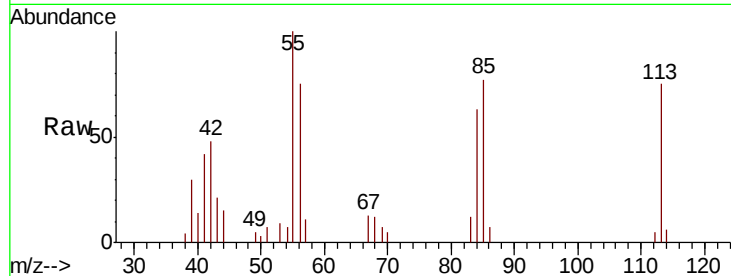
ClientSampleId :

P021-SS008-0206-01MSD

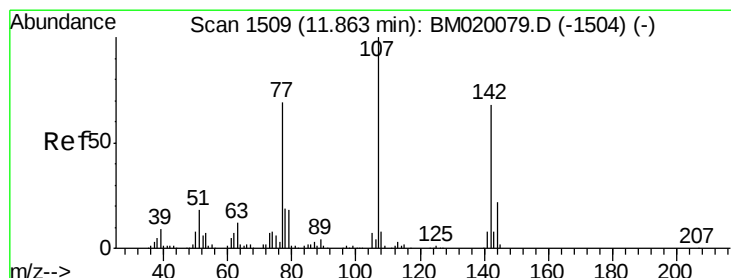
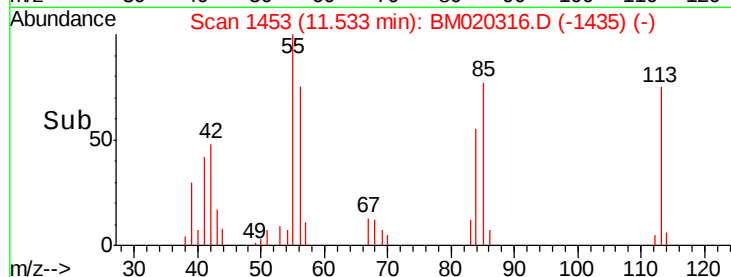
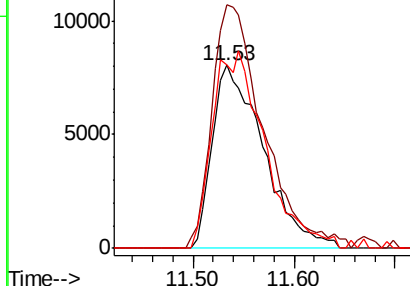
Tot Ion:	113	Resp:	28315
Ion Ratio	Lower	Upper	
113	100		
55	133.1	102.5	142.5
56	100.0	87.7	127.7

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.551 ng/mL

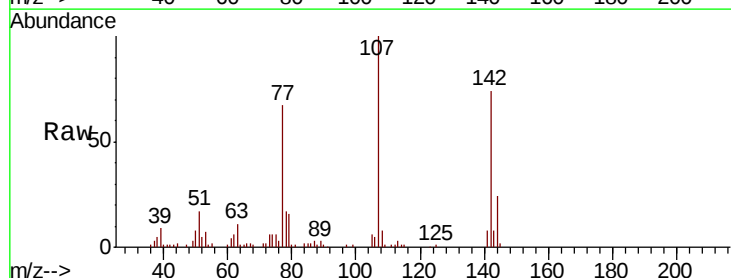
RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

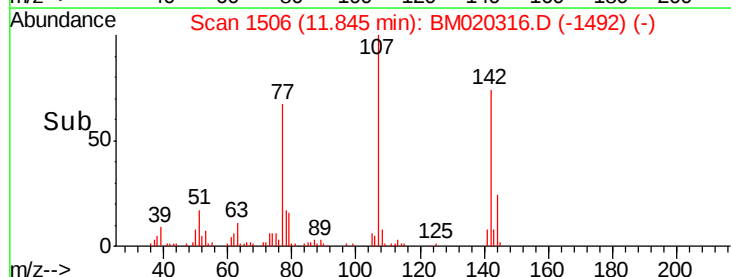
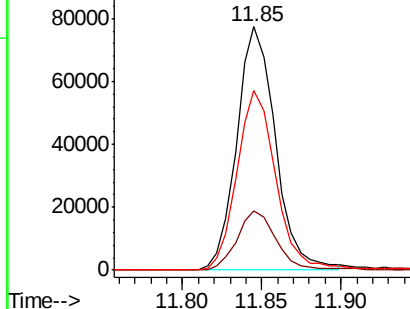
Lab File: BM020316.D

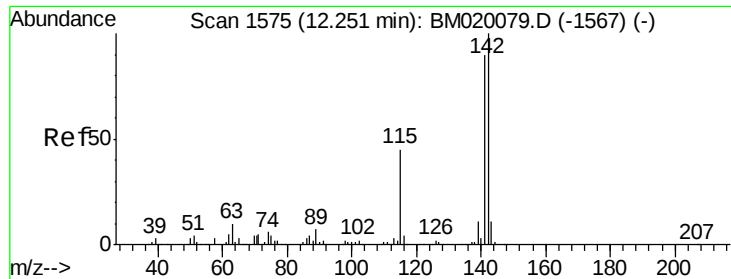
Acq: 13 May 2019 15:09

Tgt Ion:	107	Resp:	131438
Ion Ratio	Lower	Upper	
107	100		
144	24.1	17.6	26.4
142	73.6	54.6	82.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





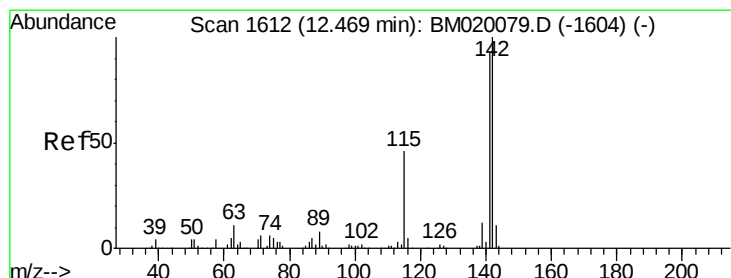
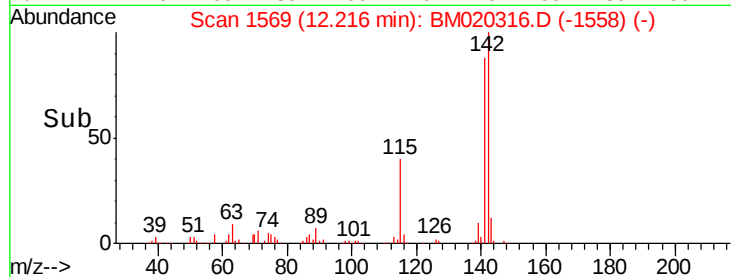
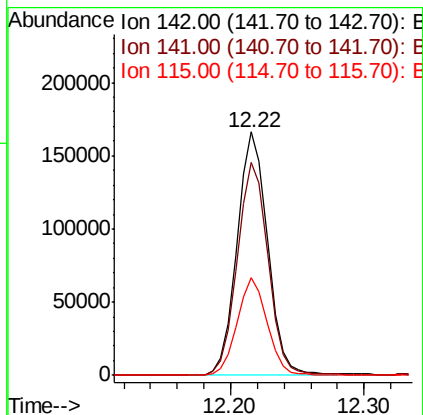
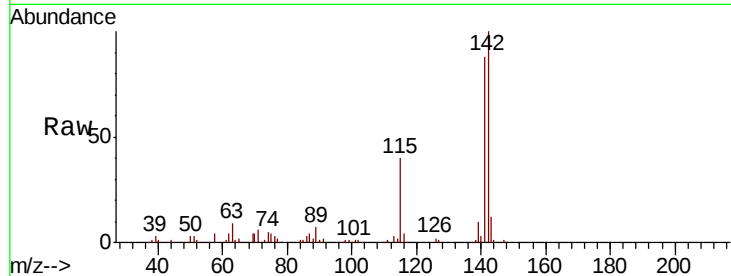
#37
2-Methylnaphthalene
Concen: 40.018 ng
RT: 12.22 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.6	107.4
115	40.0	35.8	53.6

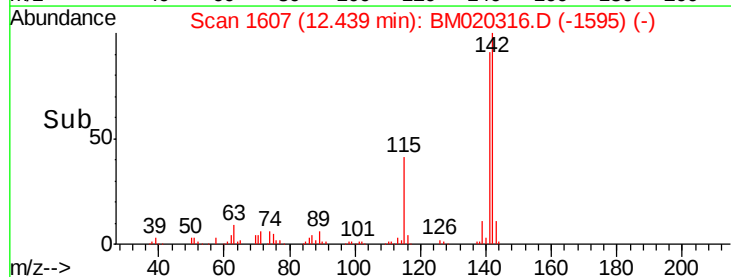
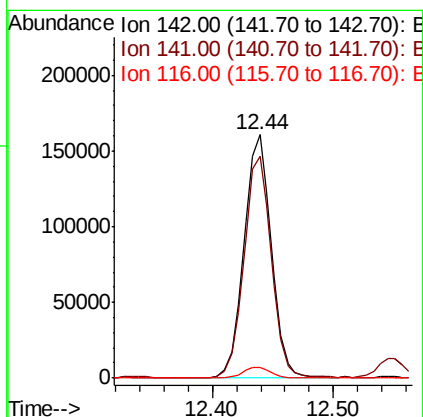
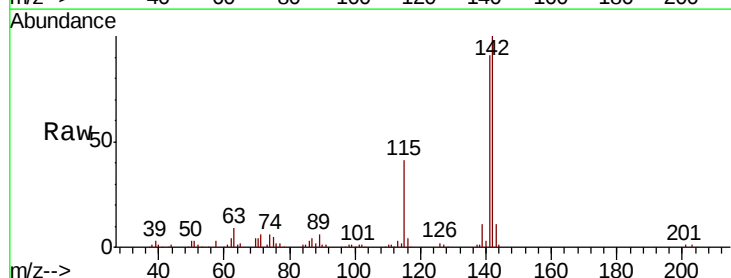
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#38
1-Methylnaphthalene
Concen: 39.470 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.8	112.2
116	4.4	3.9	5.9





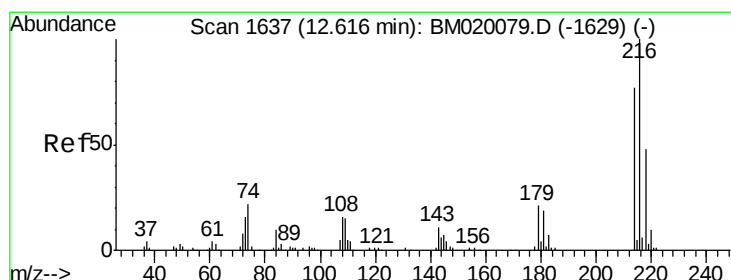
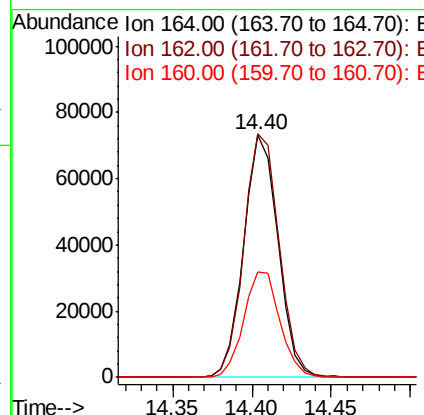
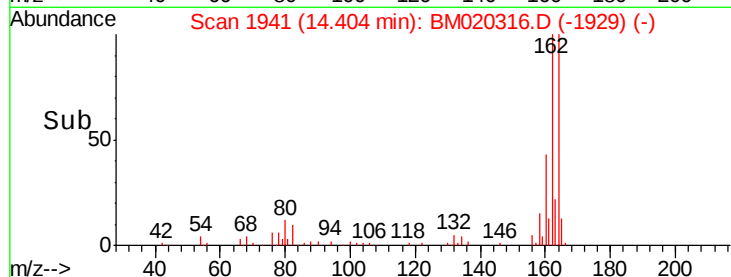
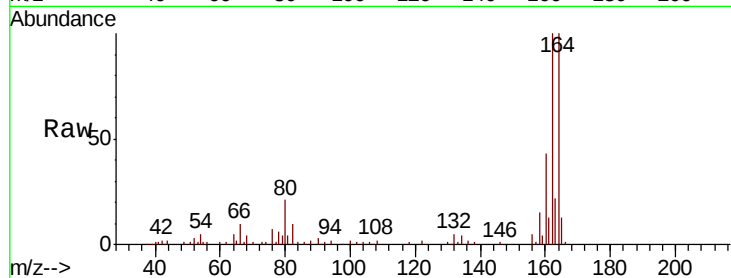
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.2	123.2
160	43.3	37.6	56.4

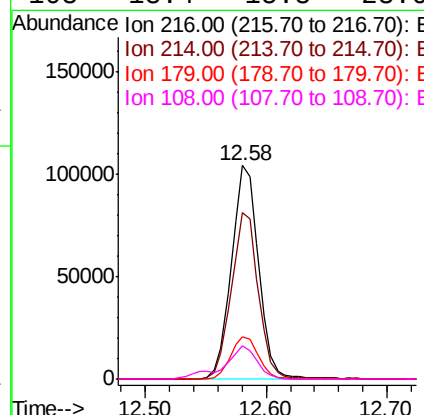
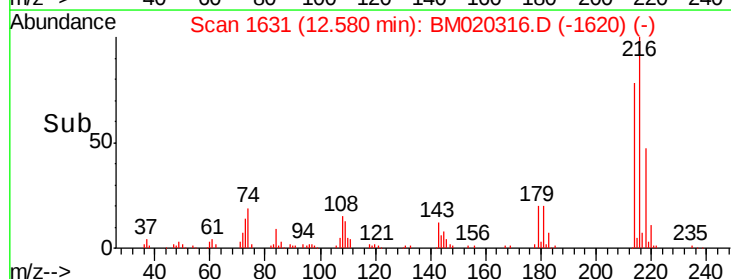
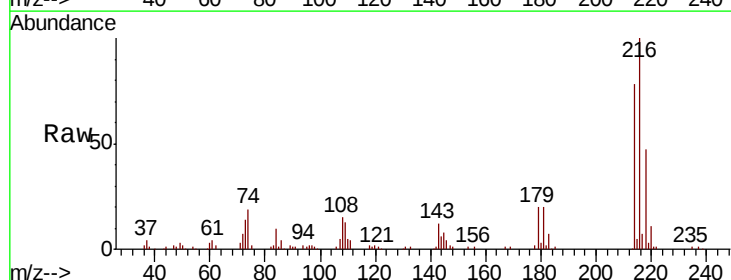
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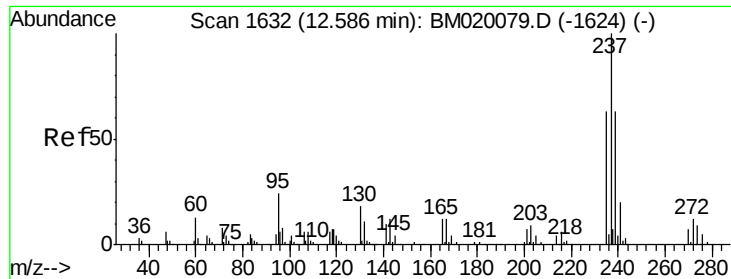
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.741 ng
RT: 12.58 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.6	94.0
179	20.1	17.1	25.7
108	18.4	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 71.094 ng

RT: 12.55 min Scan# 1626

Delta R.T. -0.04 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

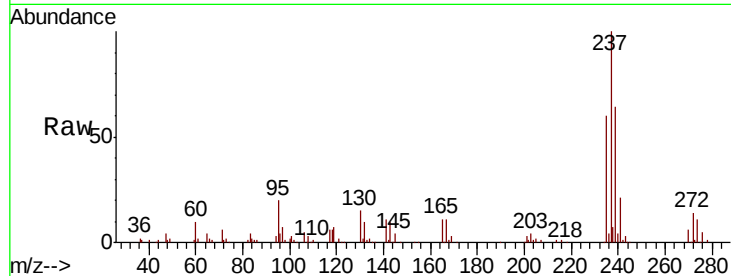
ClientSampleId :

P021-SS008-0206-01MSD

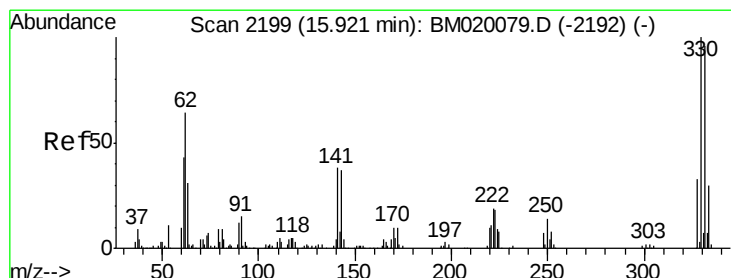
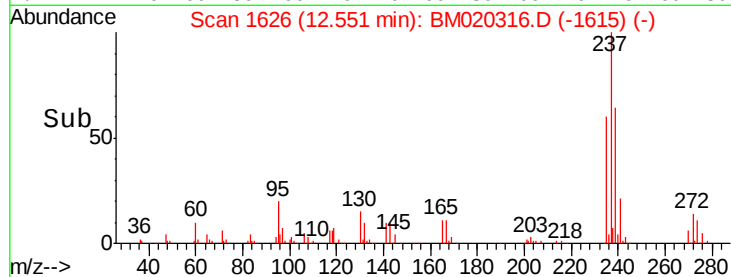
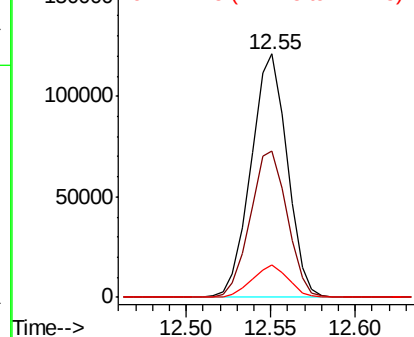
Tot Ion:	237	Resp:	180418
Ion Ratio	Lower	Upper	
237	100		
235	60.2	43.4	83.4
272	13.5	0.0	31.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 121.110 ng

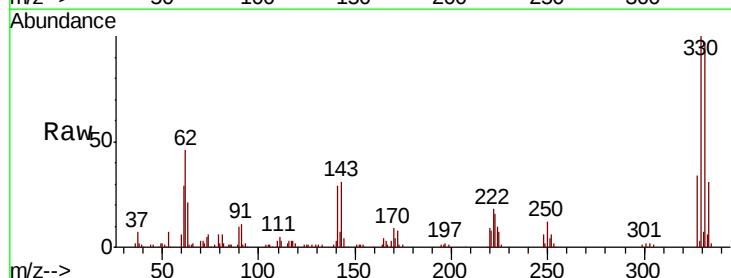
RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

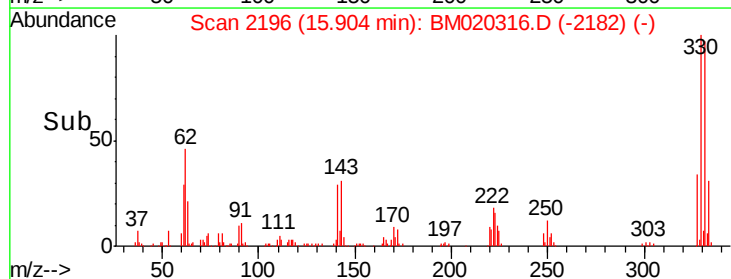
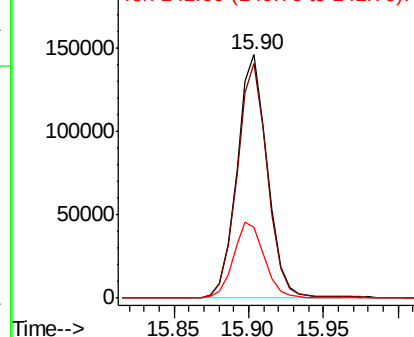
Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion:	330	Resp:	207090
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.8	115.2
141	31.8	29.2	43.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





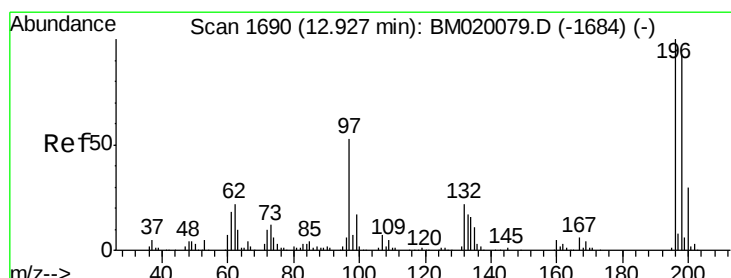
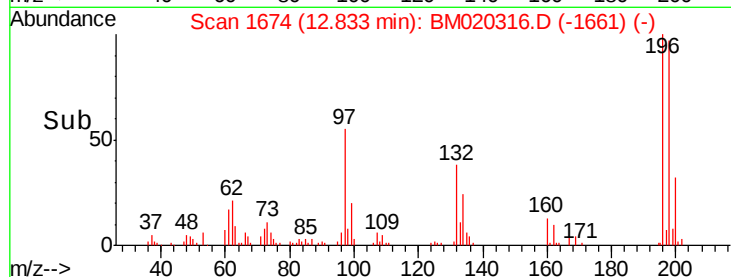
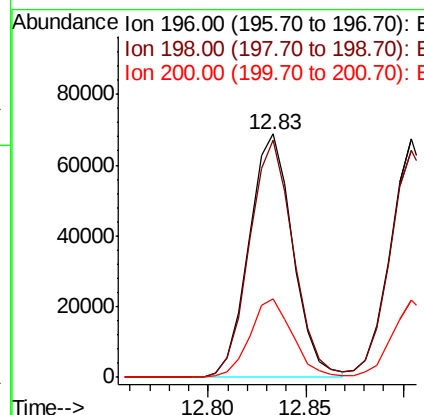
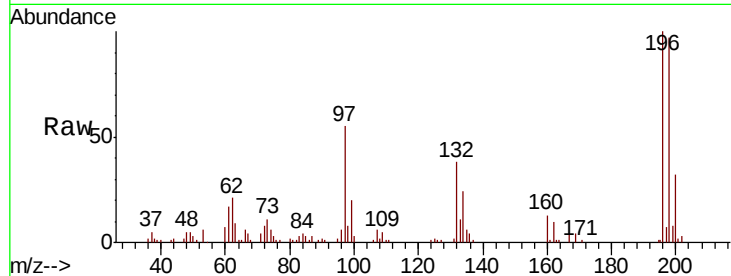
#43
 2,4,6-Trichlorophenol
 Concen: 43.697 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107035		
198	97.2	76.2	114.2	
200	32.1	24.3	36.5	

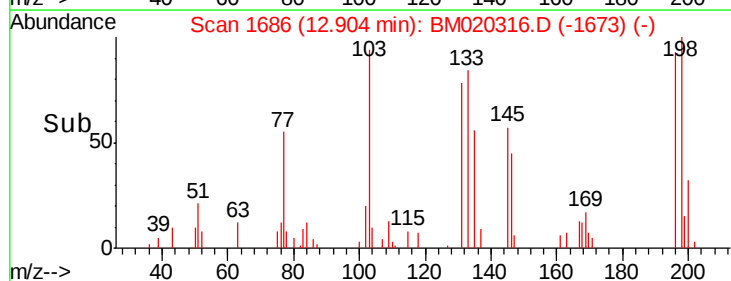
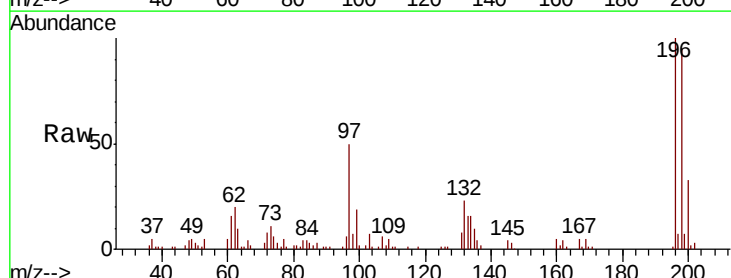
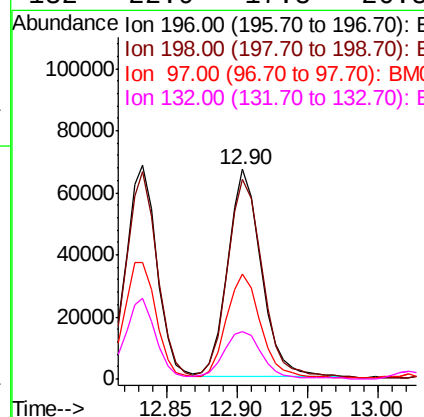
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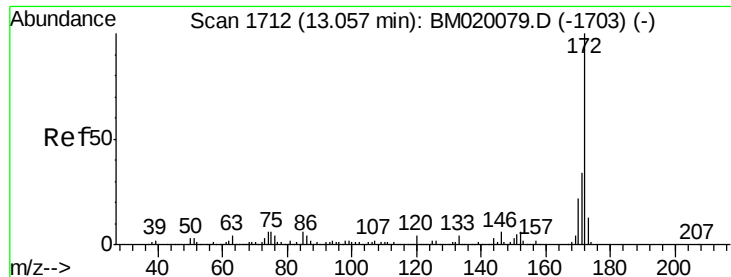
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#44
 2,4,5-Trichlorophenol
 Concen: 39.955 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109335		
198	95.3	74.7	112.1	
97	50.3	42.2	63.4	
132	22.9	17.8	26.8	





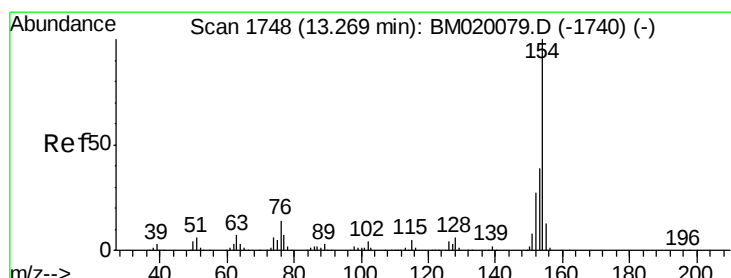
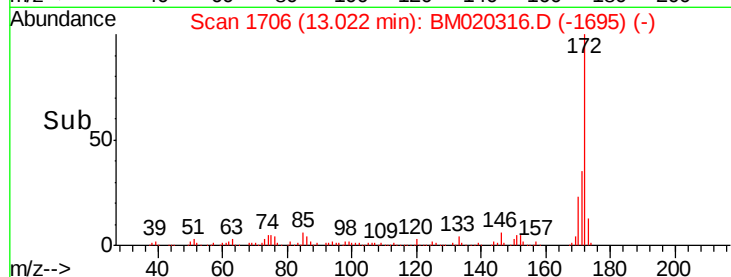
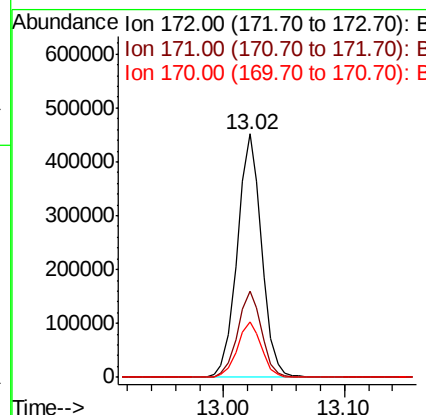
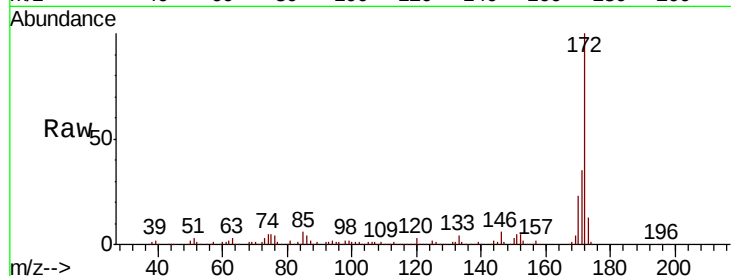
#45
2-Fluorobiphenyl
Concen: 70.769 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	22.7	17.9	26.9

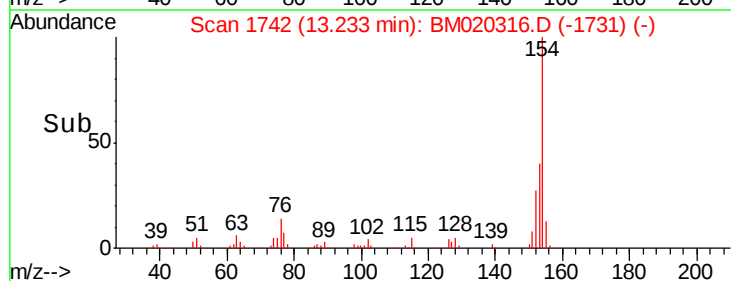
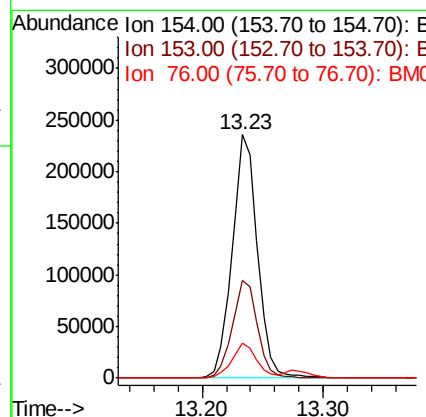
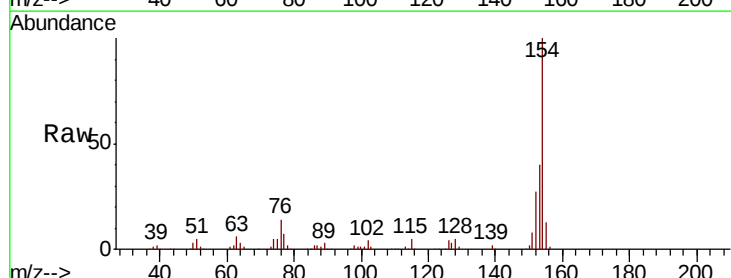
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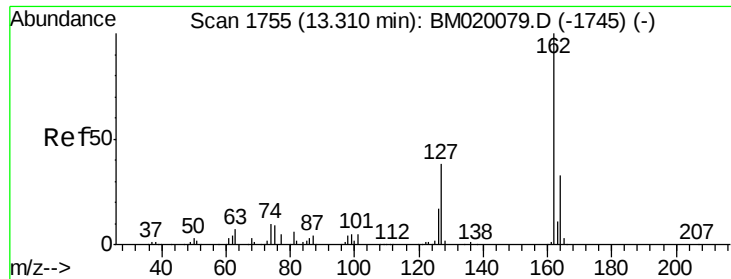
mohammad
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#46
1,1'-Biphenyl
Concen: 37.814 ng
RT: 13.23 min Scan# 1742
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.4	59.4
76	14.4	0.0	34.5





#47

2-Chloronaphthalene

Concen: 38.370 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.03 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

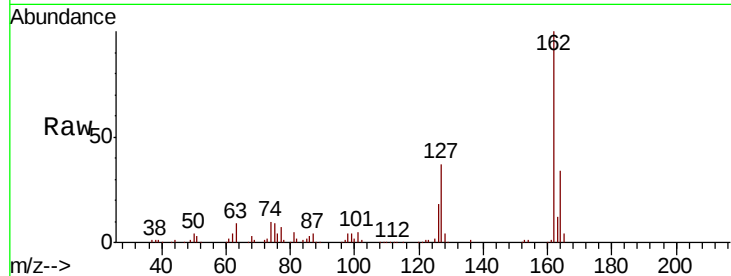
ClientSampleId :

P021-SS008-0206-01MSD

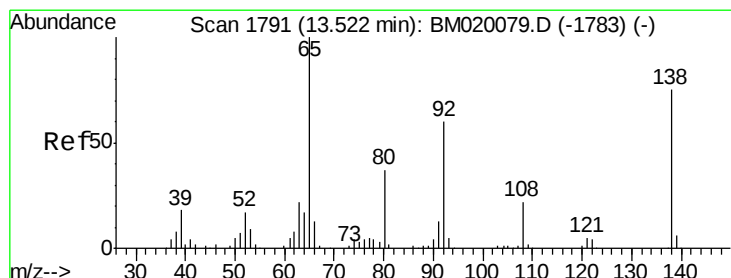
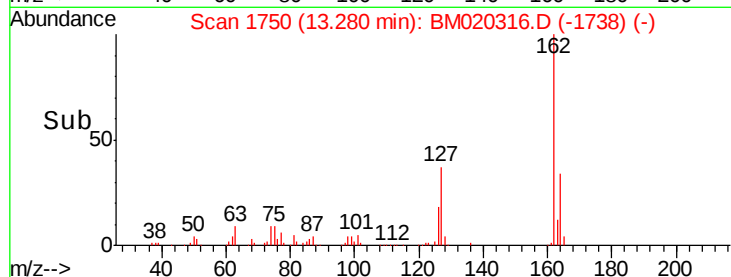
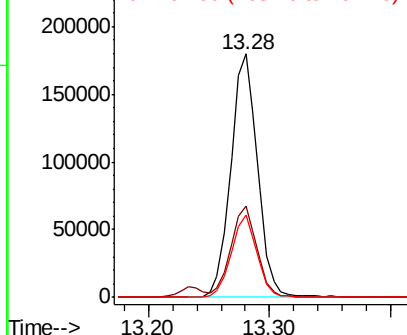
Tot Ion:	162	Resp:	277789
Ion Ratio	Lower	Upper	
162	100		
127	37.2	31.0	46.4
164	34.0	26.2	39.2

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.209 ng

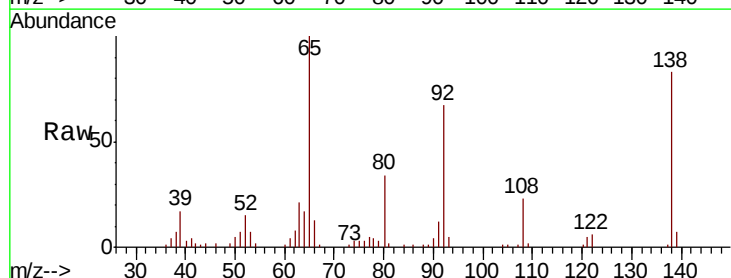
RT: 13.50 min Scan# 1787

Delta R.T. -0.02 min

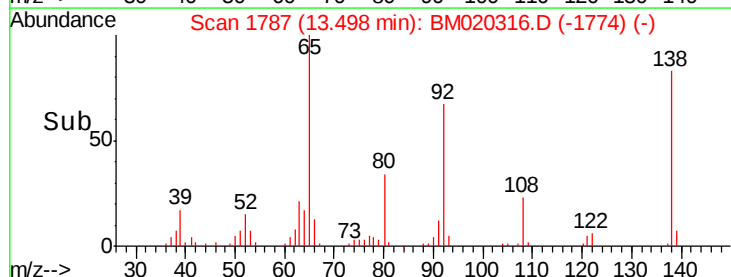
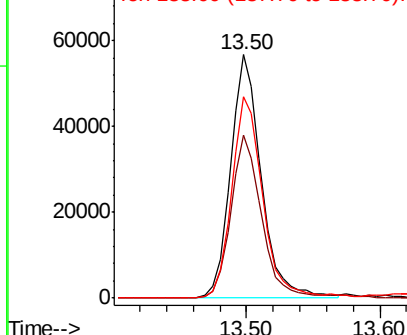
Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion:	65	Resp:	90748
Ion Ratio	Lower	Upper	
65	100		
92	66.9	48.2	72.4
138	82.7	60.3	90.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.525 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

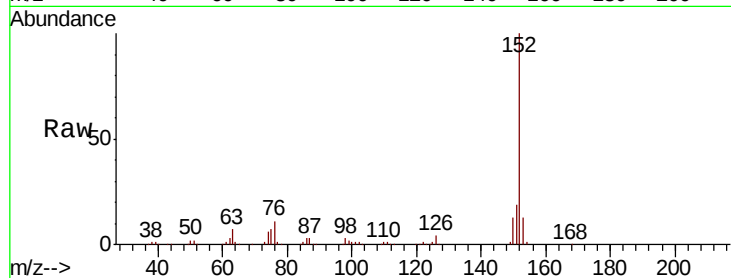
ClientSampleId :

P021-SS008-0206-01MSD

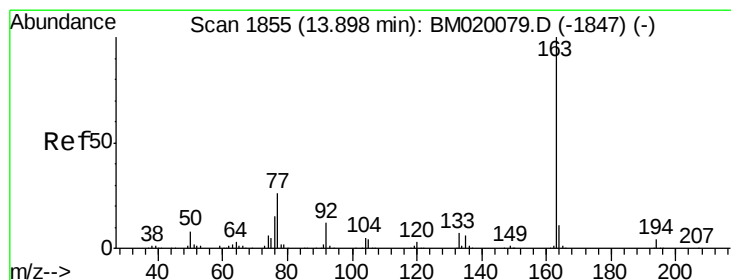
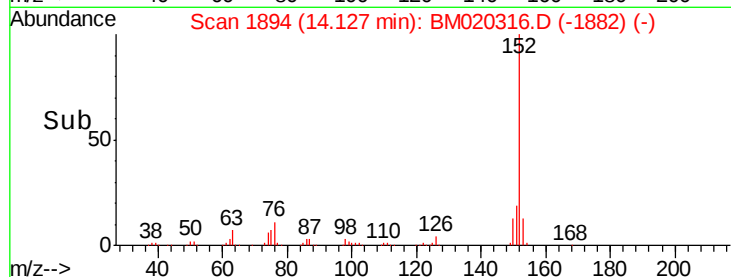
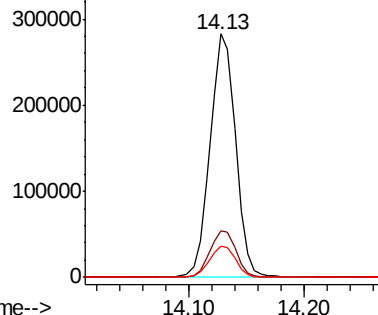
Tot Ion:	152	Resp:	434780
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.2	24.2
153	12.8	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.423 ng

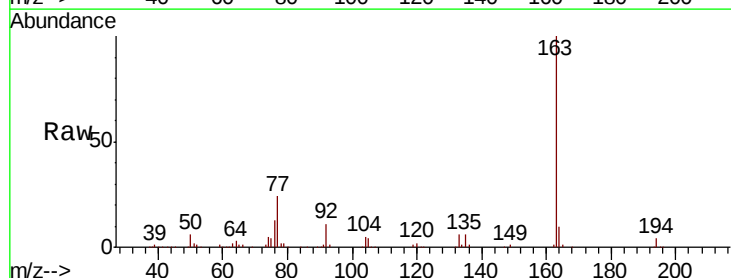
RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

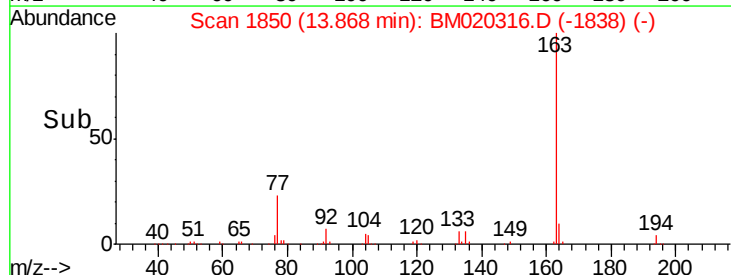
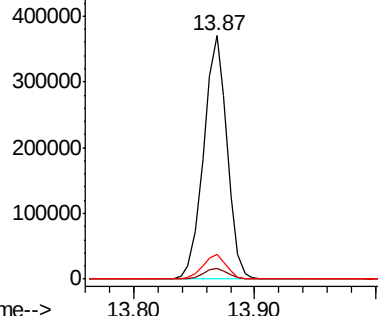
Lab File: BM020316.D

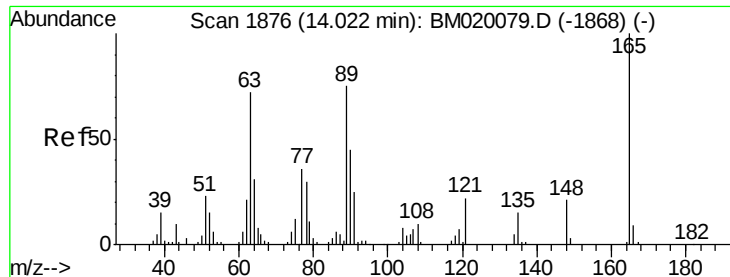
Acq: 13 May 2019 15:09

Tgt Ion:	163	Resp:	500203
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.0	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





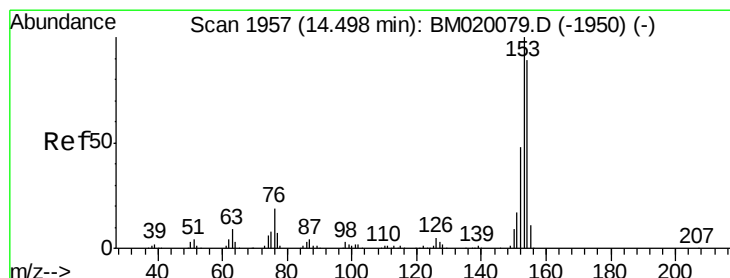
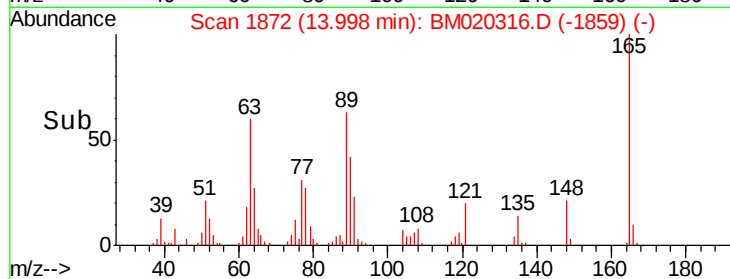
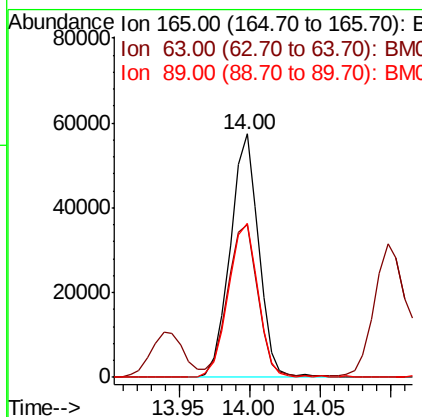
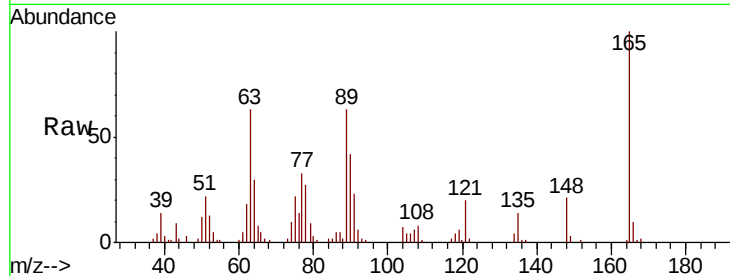
#51
2,6-Dinitrotoluene
Concen: 40.720 ng
RT: 14.00 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	80301		
63	62.9		60.3	90.5
89	63.3		59.8	89.6

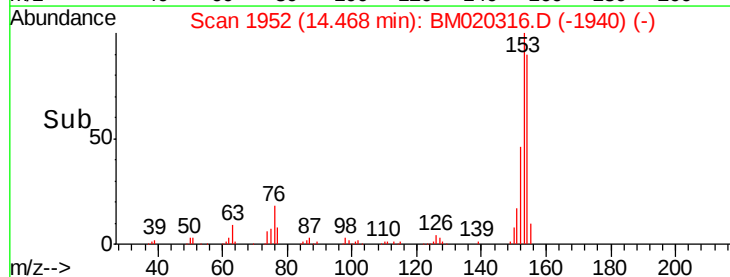
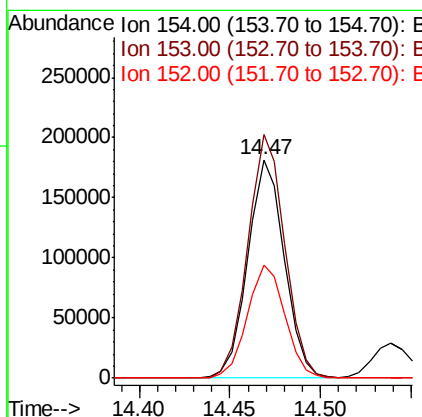
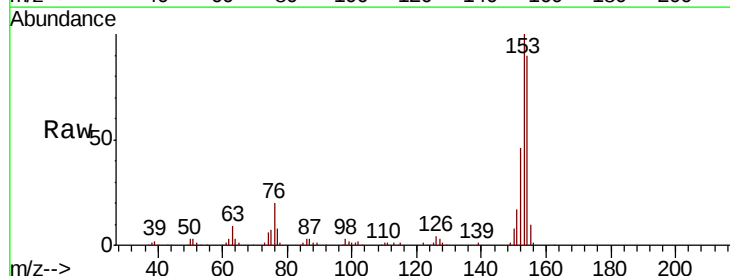
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#52
Acenaphthene
Concen: 38.423 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	255288		
153	111.5		90.2	135.2
152	51.8		43.0	64.4





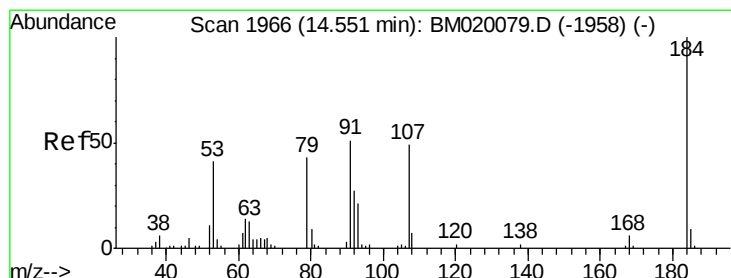
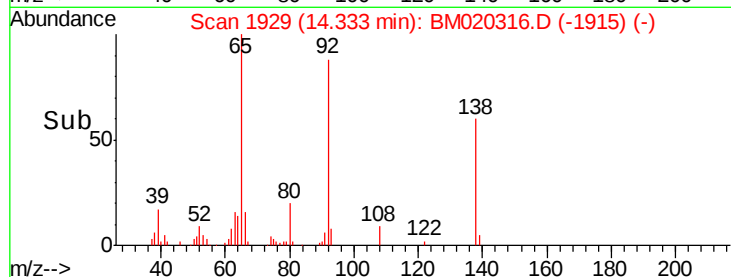
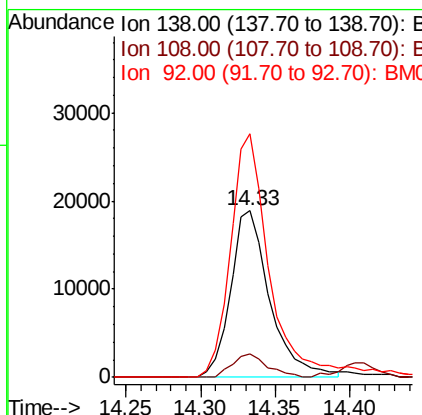
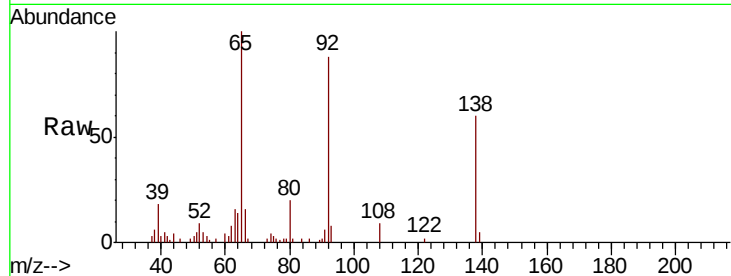
#53
3-Nitroaniline
Concen: 18.921 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.2	10.4	15.6
92	146.3	111.3	166.9

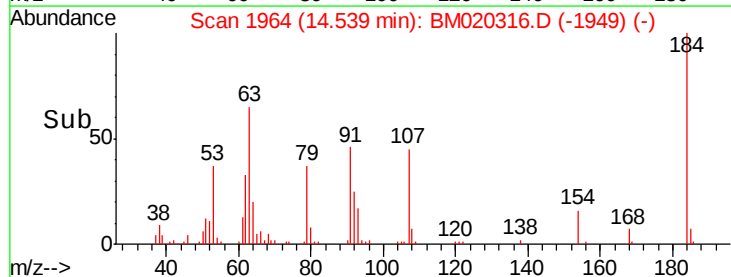
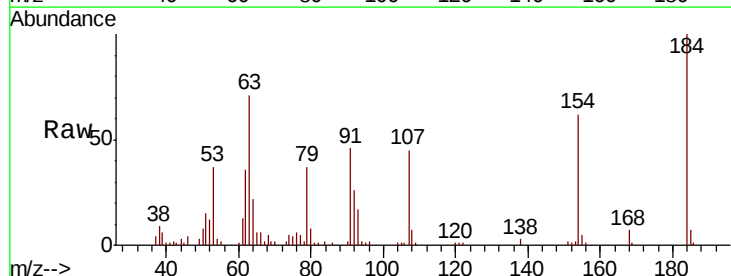
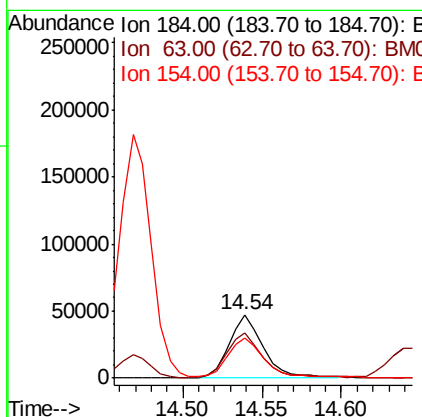
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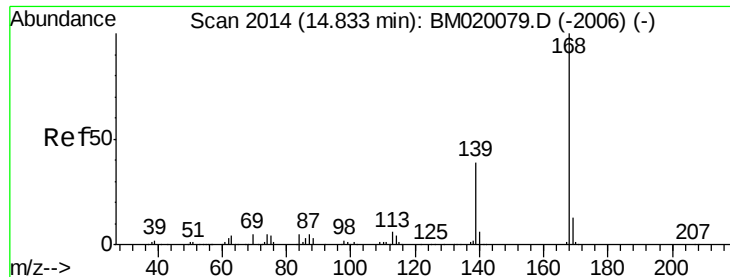
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#54
2,4-Dinitrophenol
Concen: 72.043 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.2	68.9	103.3
154	62.1	54.4	81.6





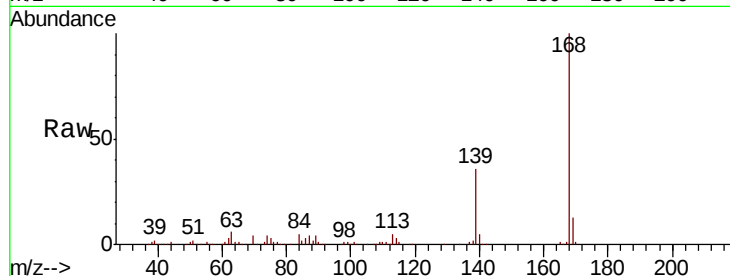
#55
Dibenzofuran
Concen: 38.069 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.1	46.7
169	13.1	10.6	16.0

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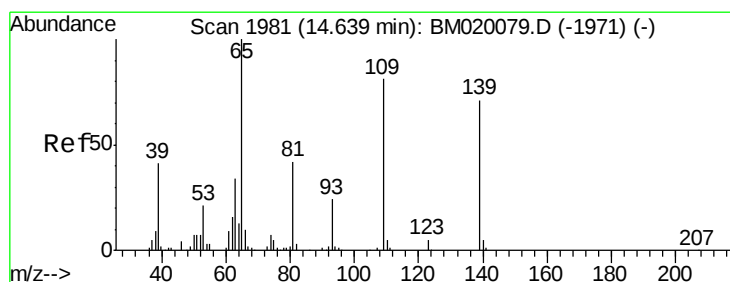
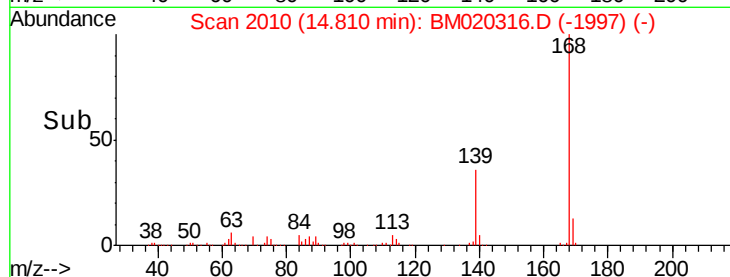
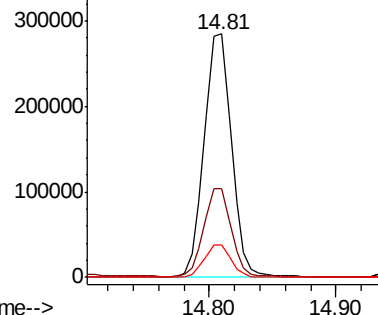


Abundance

Ion 168.00 (167.70 to 168.70): E

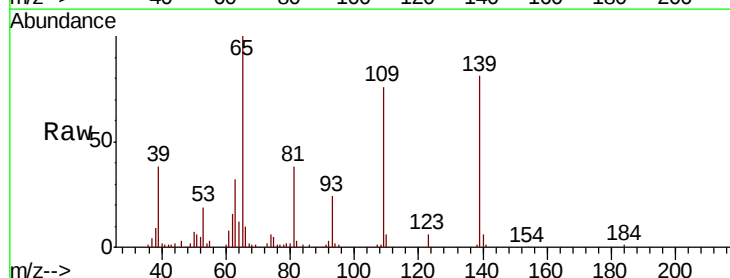
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 65.696 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.6	94.1	134.1
65	123.7	120.9	160.9

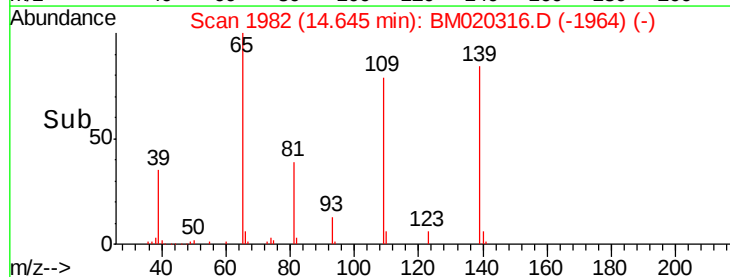
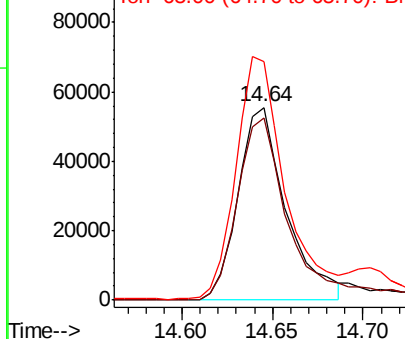


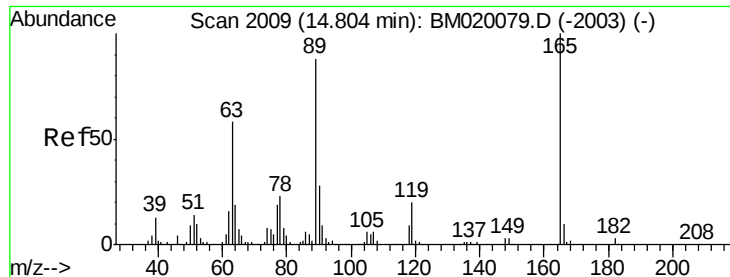
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 41.233 ng

RT: 14.79 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

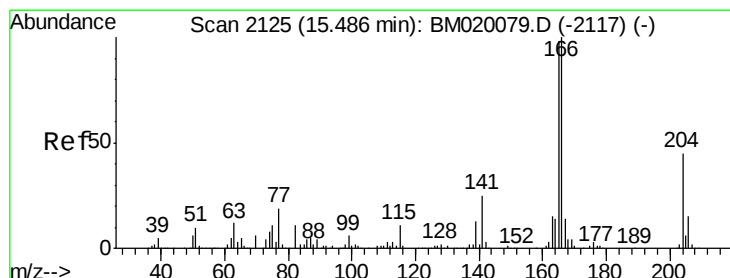
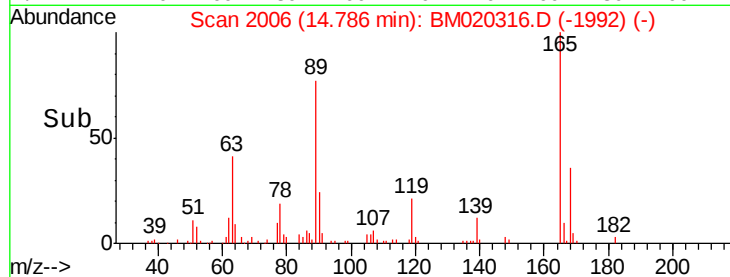
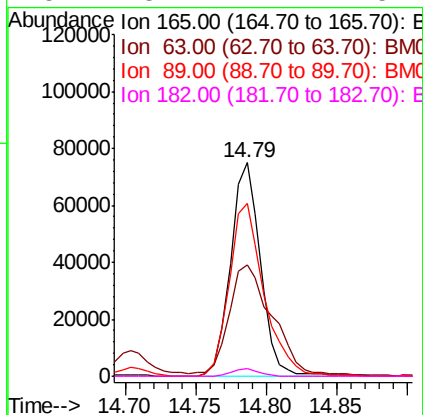
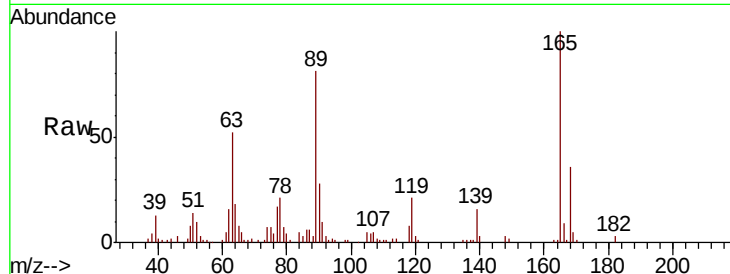
ClientSampleId :

P021-SS008-0206-01MSD

Tot Ion:	165	Resp:	110490
Ion Ratio	Lower	Upper	
165	100		
63	52.3	46.2	69.2
89	80.9	70.6	105.8
182	3.4	2.2	3.2#

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#58

Fluorene

Concen: 36.724 ng

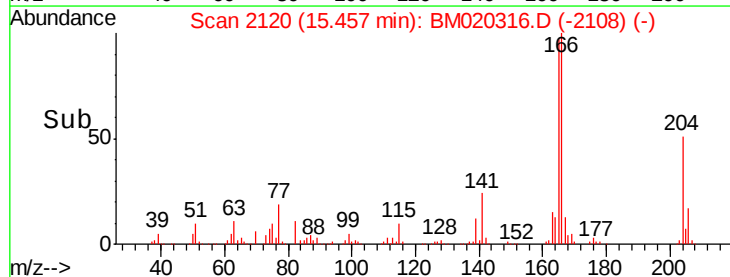
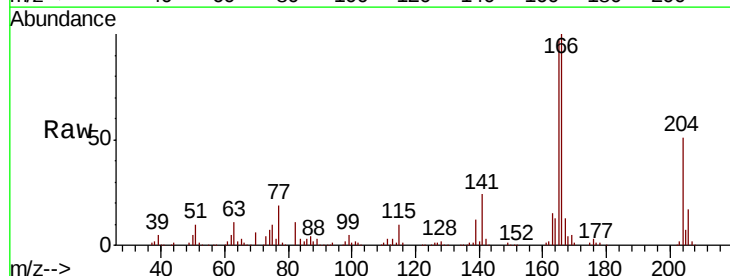
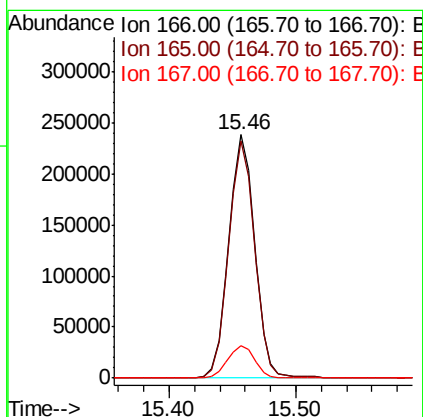
RT: 15.46 min Scan# 2120

Delta R.T. -0.03 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion:	166	Resp:	338017
Ion Ratio	Lower	Upper	
166	100		
165	97.3	78.2	117.2
167	13.3	11.0	16.4





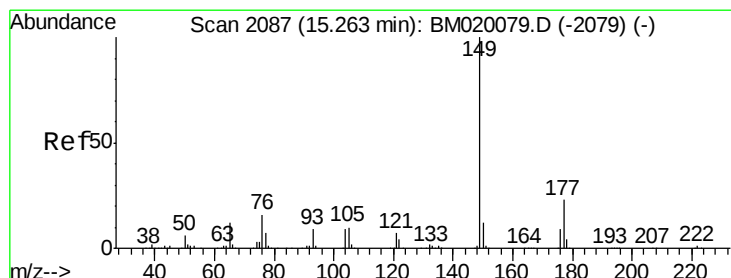
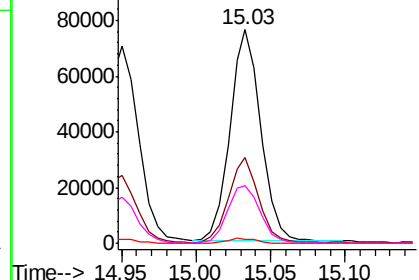
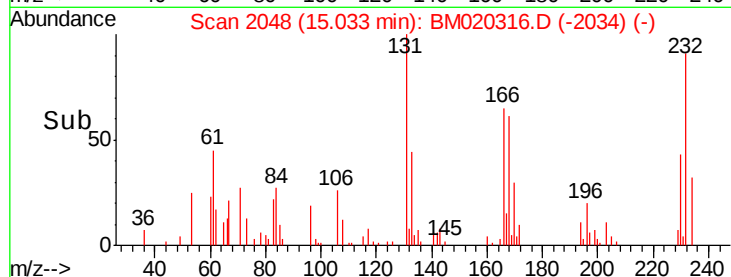
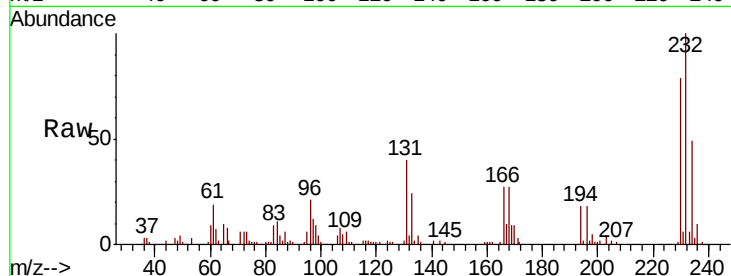
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.274 ng
RT: 15.03 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	109931		
131	40.1		34.2	51.4
130	2.1		2.0	3.0
166	29.3		23.8	35.8

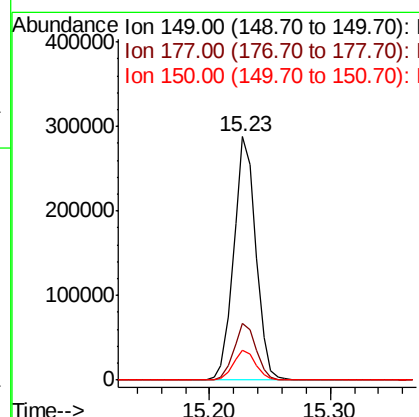
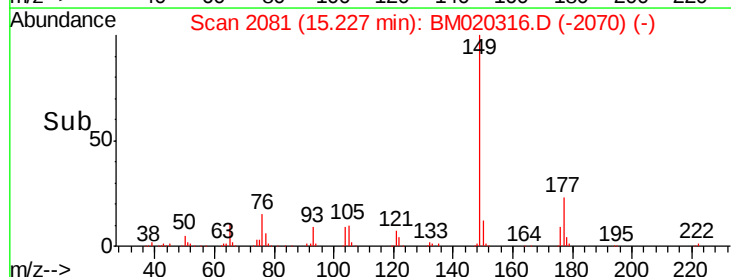
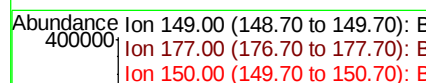
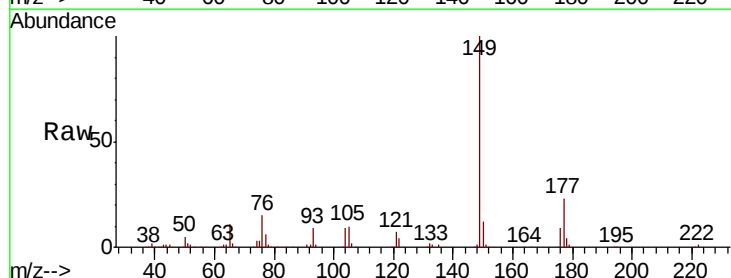
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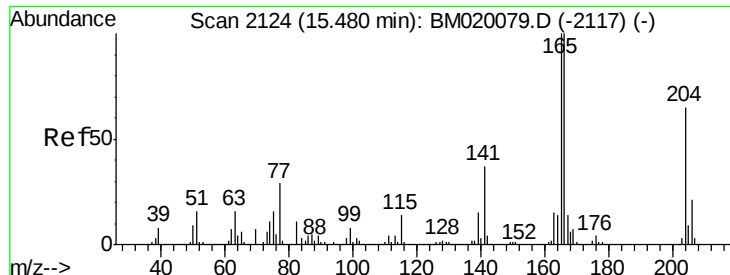
mohammad
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#60
Diethylphthalate
Concen: 38.857 ng
RT: 15.23 min Scan# 2081
Delta R.T. -0.04 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	366542		
177	23.1		18.2	27.4
150	12.4		9.9	14.9





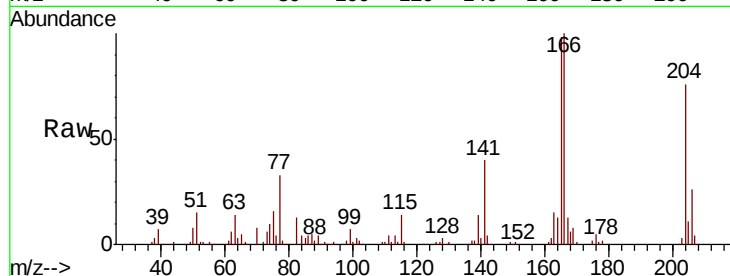
#61
 4-Chlorophenyl-phenylether
 Concen: 37.517 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.03 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	195658		
206	34.1	25.6	38.4	
141	52.1	46.1	69.1	

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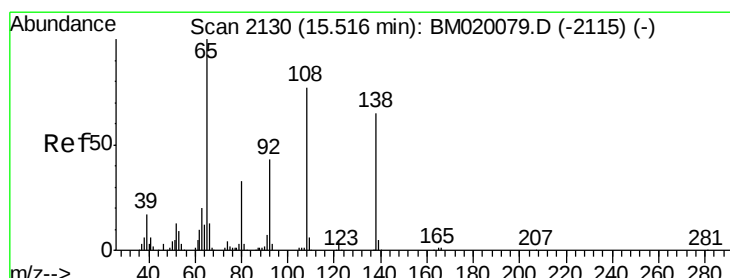
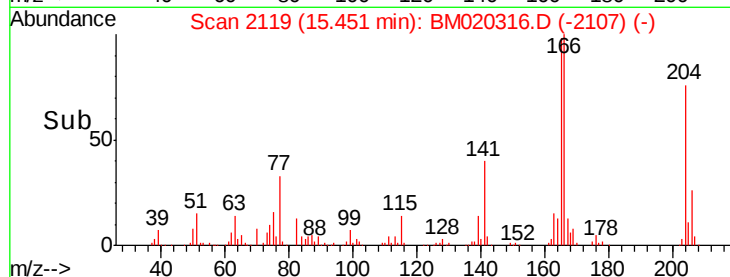
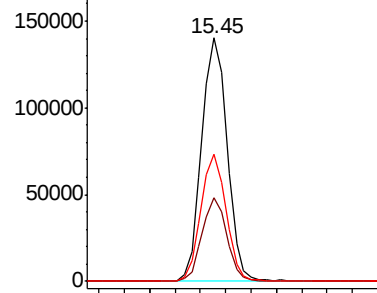


Abundance

Ion 204.00 (203.70 to 204.70): E

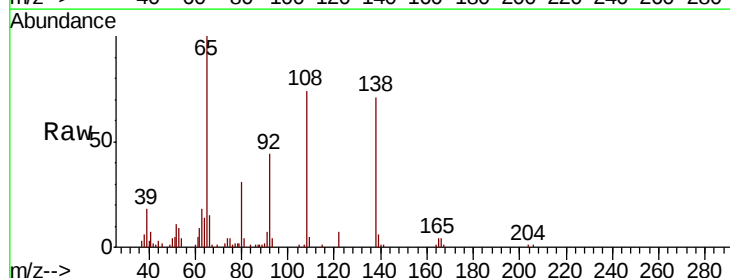
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 31.643 ng m
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	63916		
92	62.4	45.9	85.9	
108	105.2	97.7	137.7	

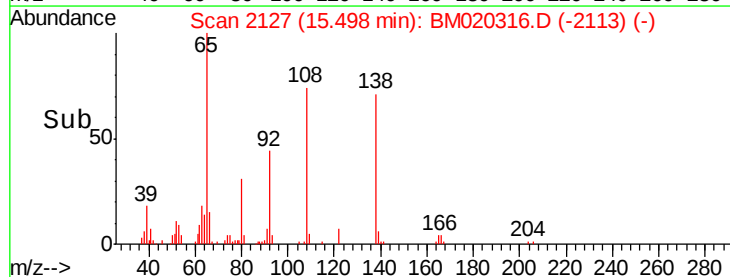
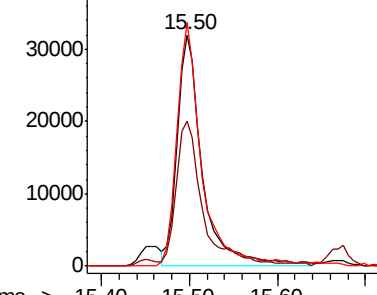


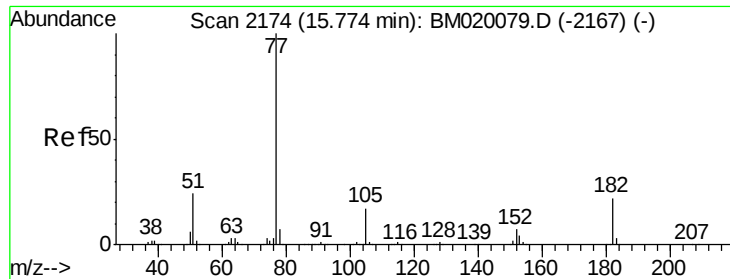
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





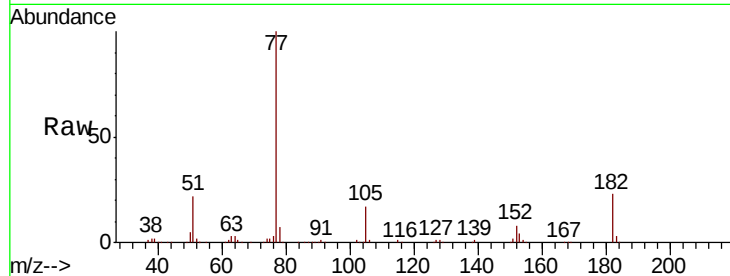
#63
Azobenzene
Concen: 33.929 ng
RT: 15.74 min Scan# 2169
Delta R.T. -0.03 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.1	2.1	42.1
105	17.1	0.0	36.8
51	21.8	3.8	43.8

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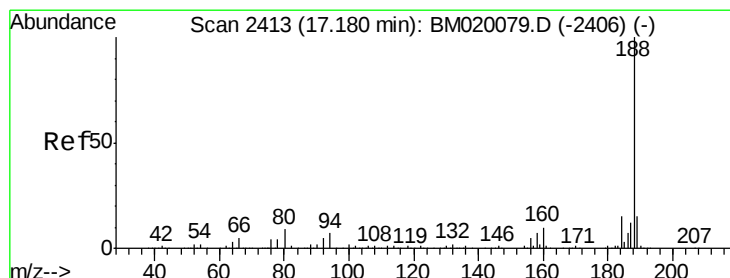
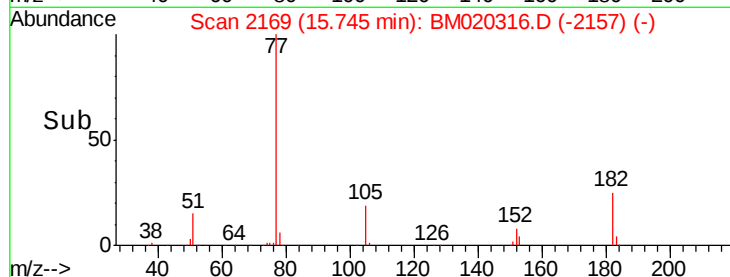
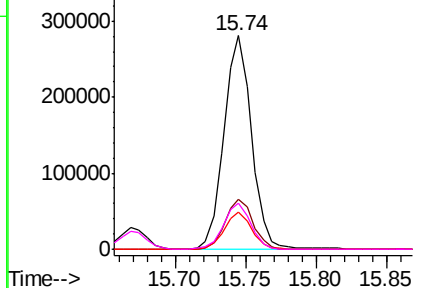


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)



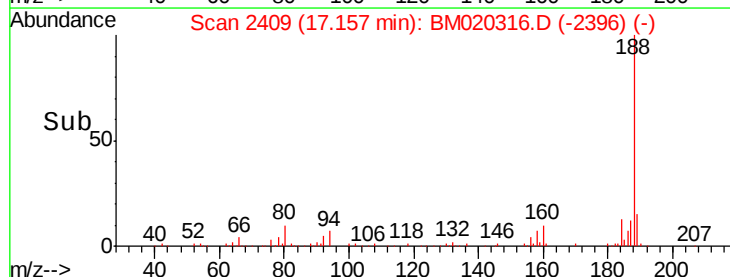
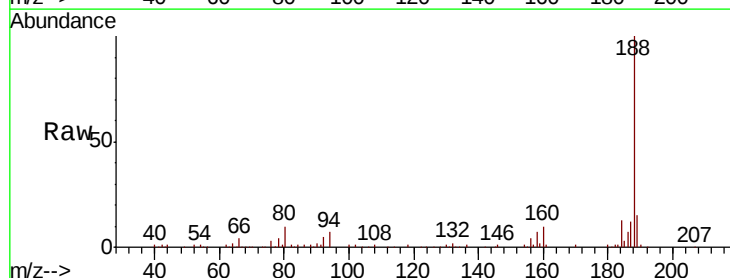
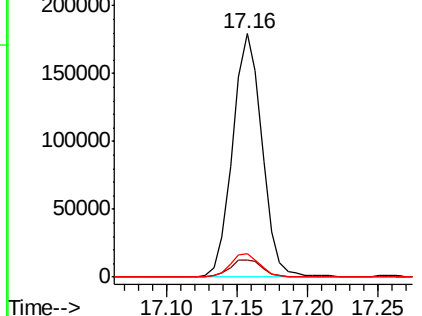
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

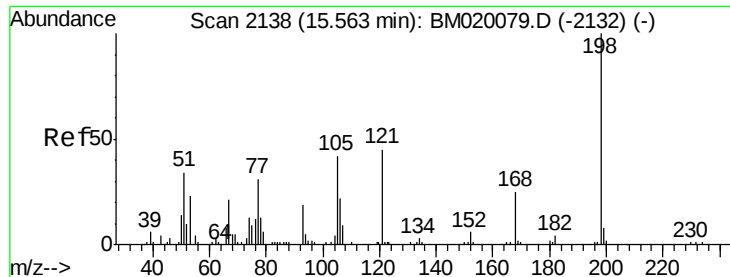
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	9.9	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)





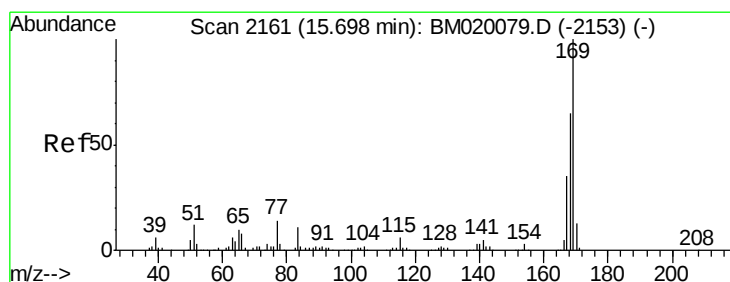
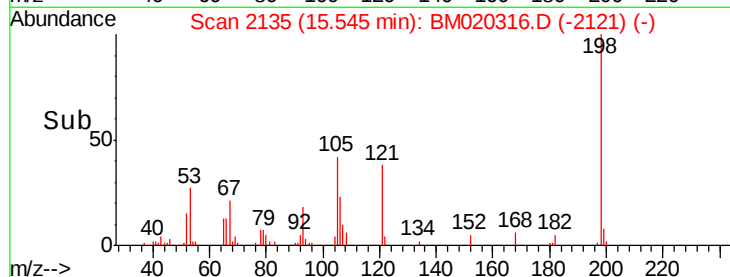
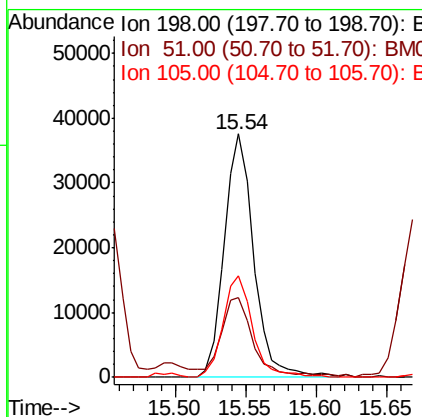
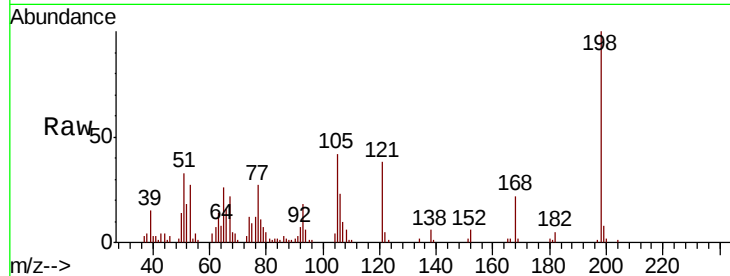
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.428 ng
 RT: 15.54 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.7	16.5	56.5
105	41.8	22.8	62.8

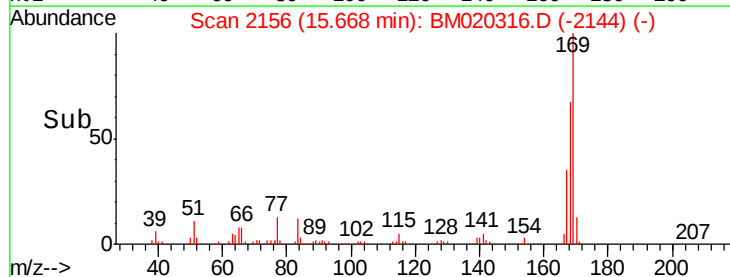
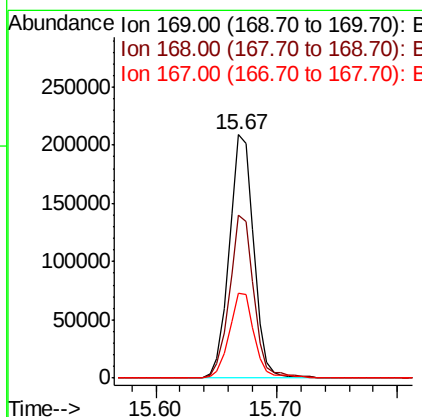
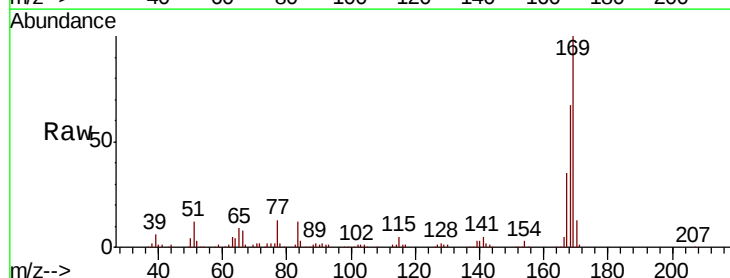
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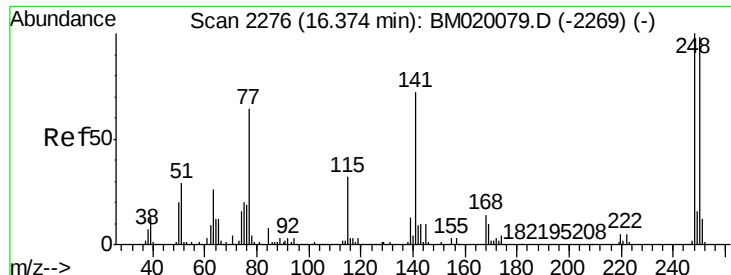
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#66
 n-Nitrosodiphenylamine
 Concen: 38.460 ng
 RT: 15.67 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	51.9	77.9
167	35.0	27.8	41.6





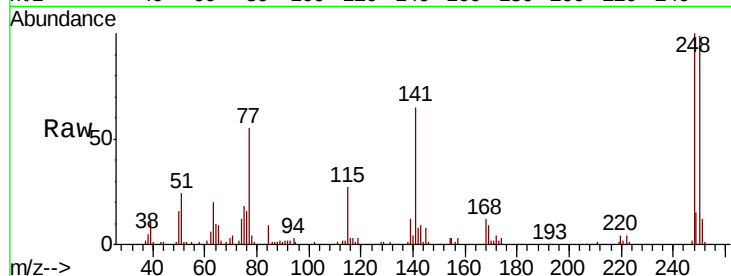
#67
 4-Bromophenyl-phenylether
 Concen: 38.201 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.4	117.6
141	64.6	57.4	86.2

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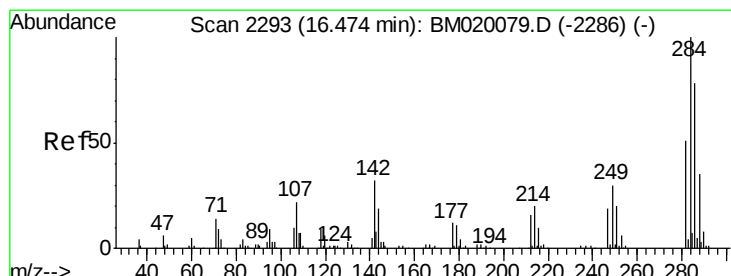
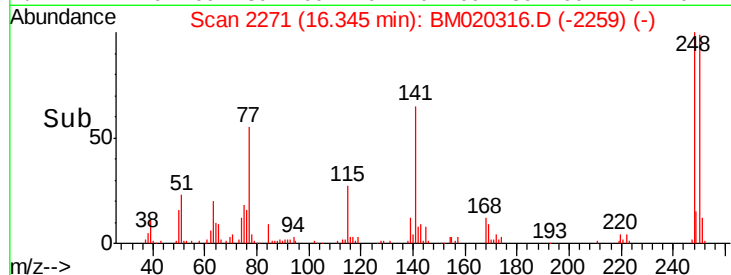
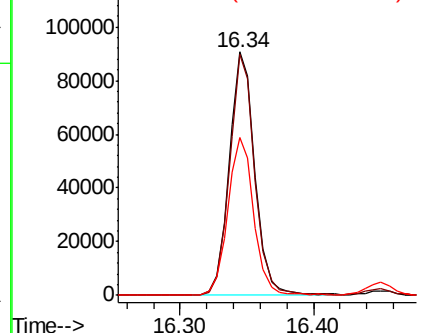


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.394 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

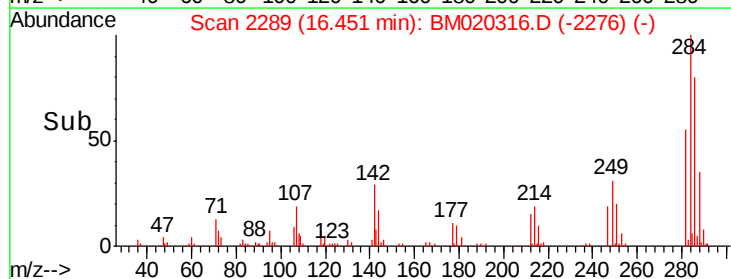
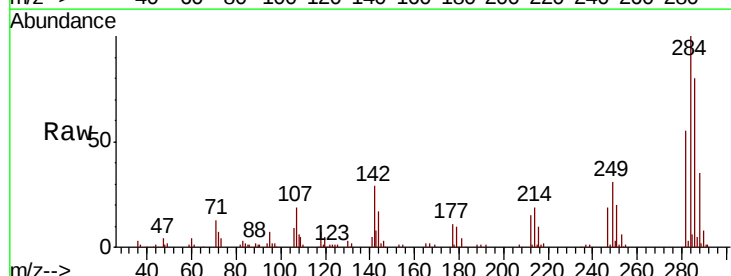
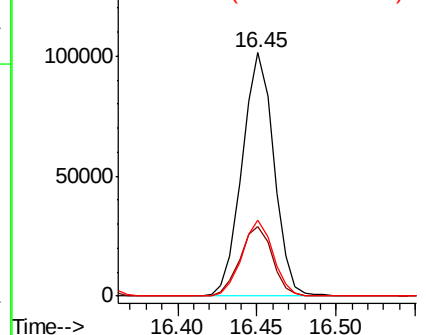
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.2	37.8
249	31.0	23.6	35.4

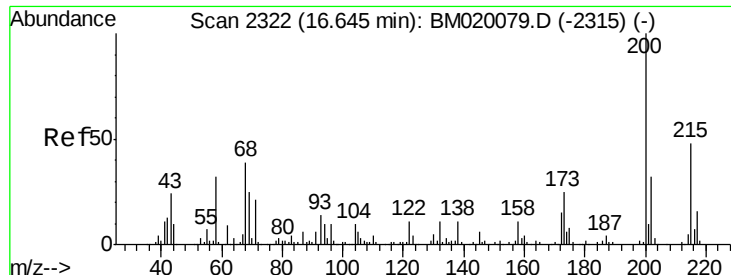
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





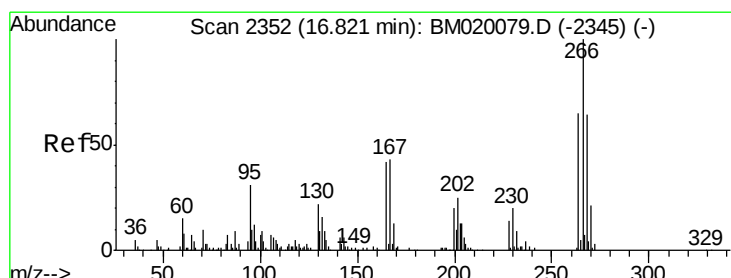
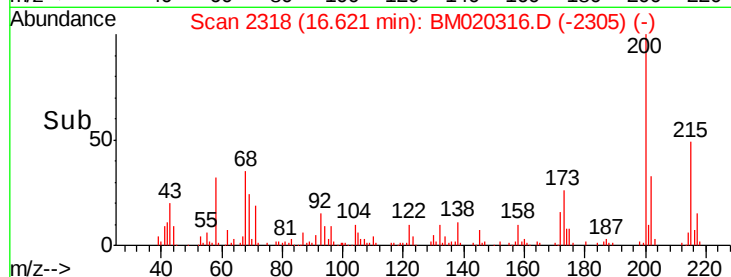
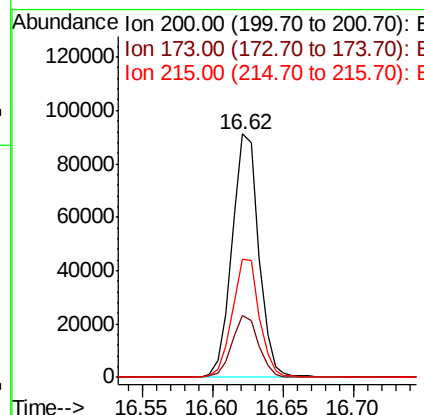
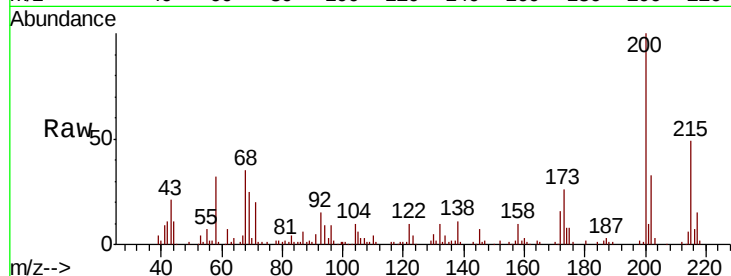
#69
Atrazine
Concen: 40.020 ng
RT: 16.62 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.6	4.6	44.6
215	48.8	28.0	68.0

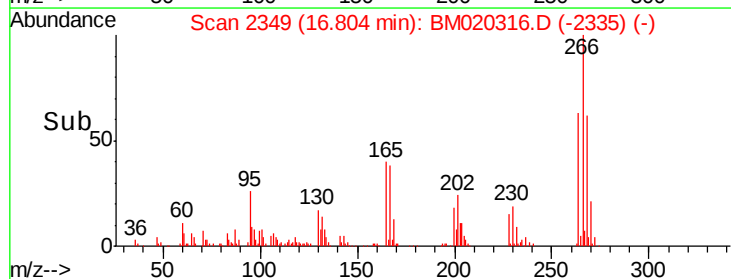
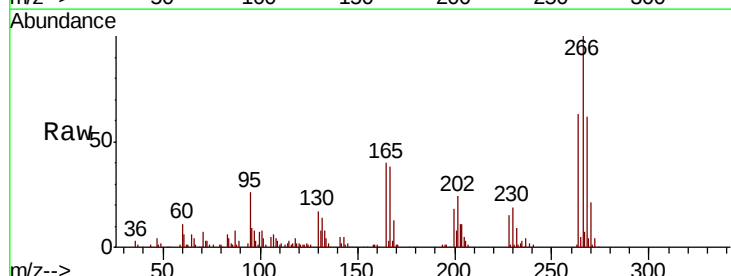
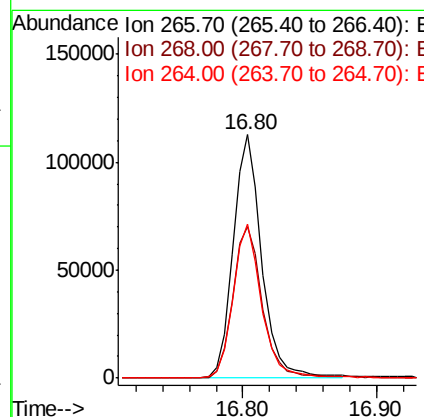
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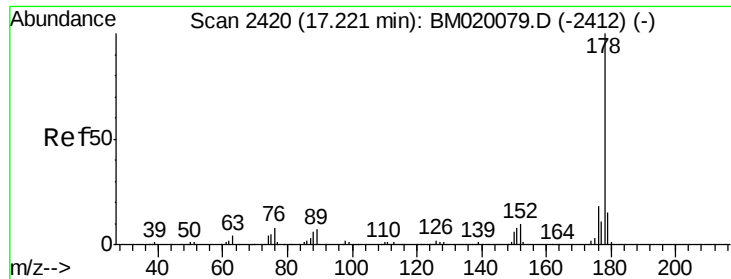
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#70
Pentachlorophenol
Concen: 79.987 ng
RT: 16.80 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.4	51.4	77.0
264	63.1	52.0	78.0





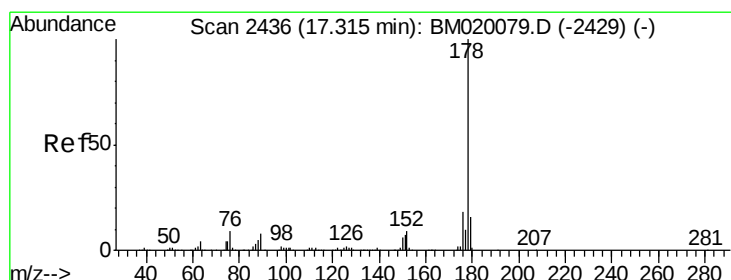
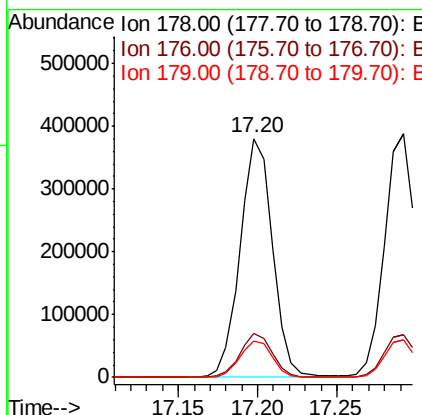
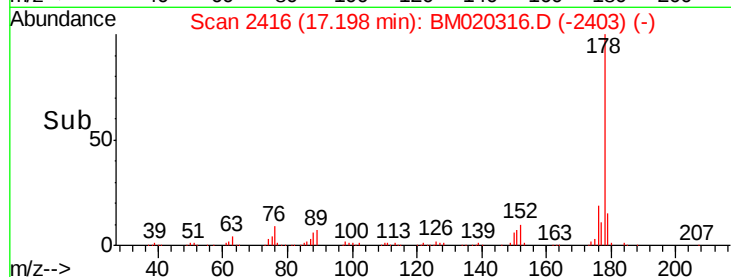
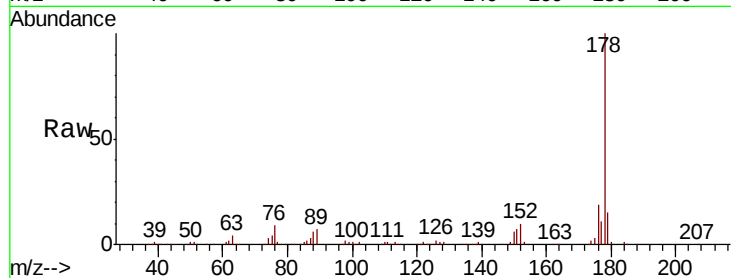
#71
Phenanthrene
Concen: 37.474 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.1	12.4	18.6

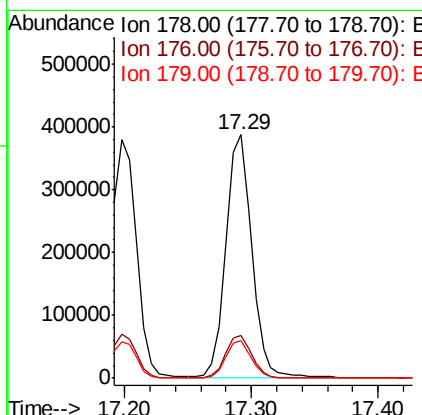
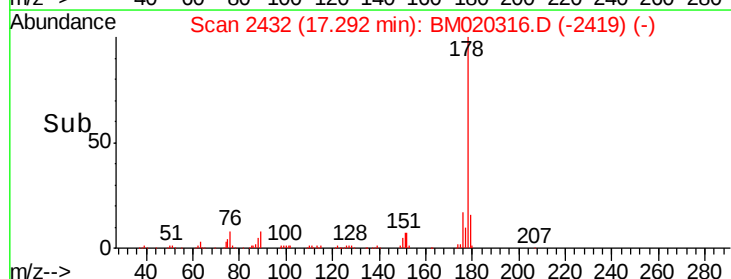
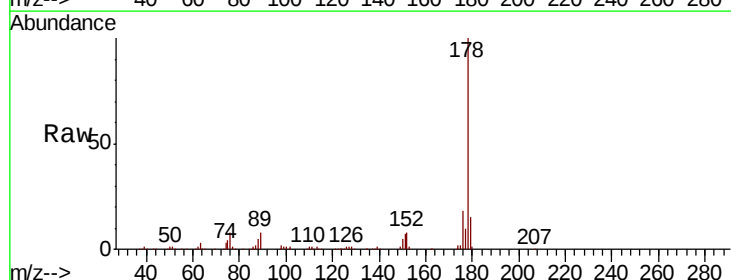
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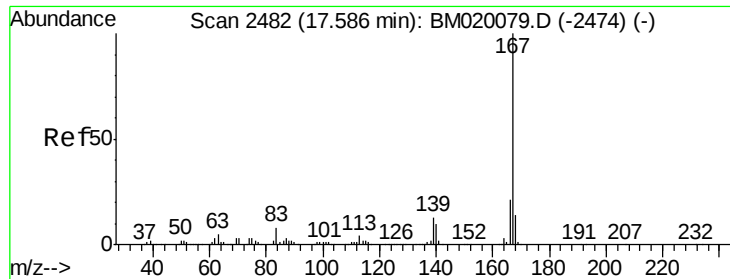
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#72
Anthracene
Concen: 37.492 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	15.3	12.4	18.6





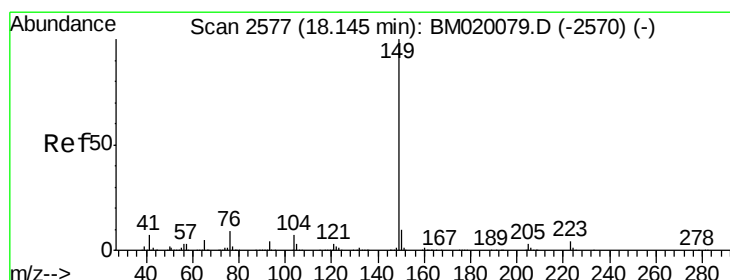
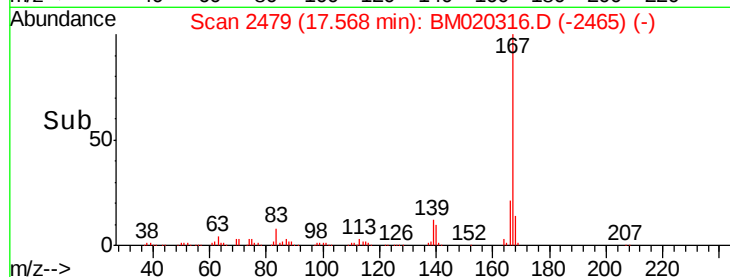
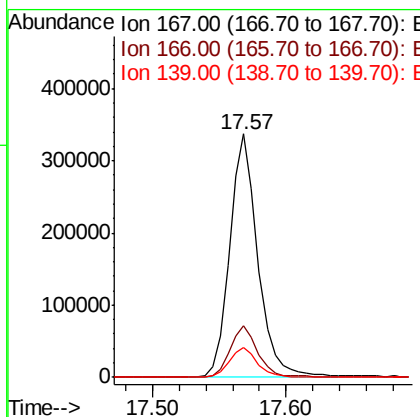
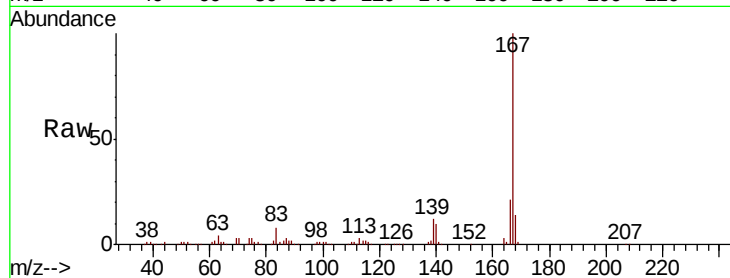
#73
 Carbazole
 Concen: 38.090 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.4	10.6	16.0

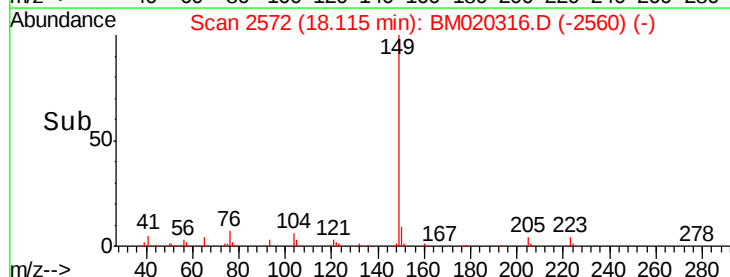
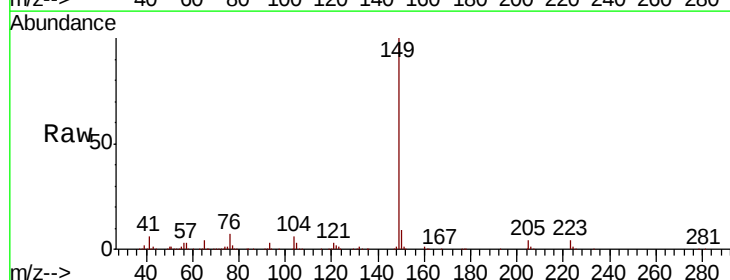
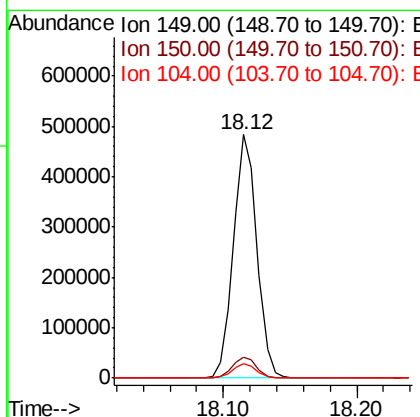
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#74
 Di-n-butylphthalate
 Concen: 37.923 ng
 RT: 18.12 min Scan# 2572
 Delta R.T. -0.03 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	6.0	5.7	8.5





#75

Fluoranthene

Concen: 35.898 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

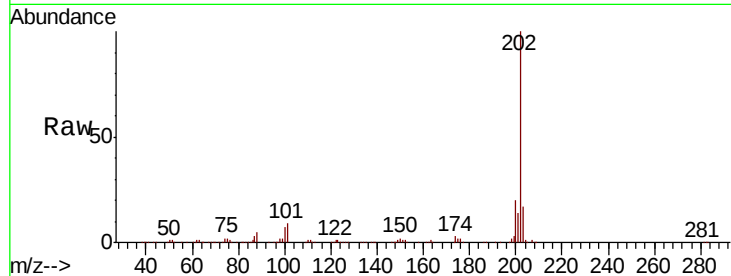
ClientSampleId :

P021-SS008-0206-01MSD

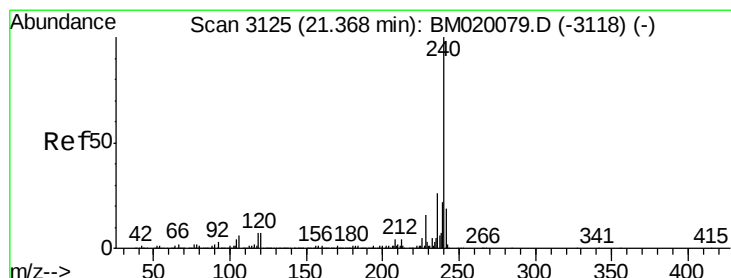
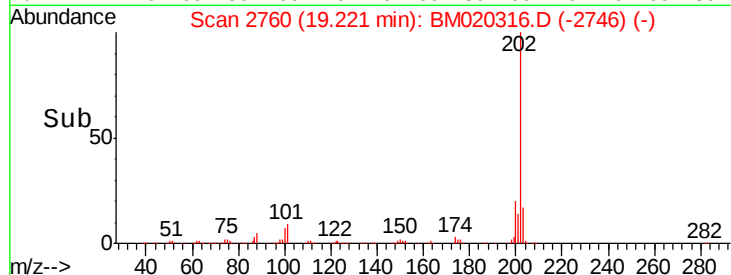
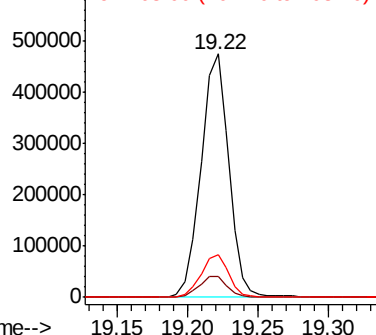
Tot Ion:	202	Resp:	654915
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	28.4
203	17.3	0.0	37.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

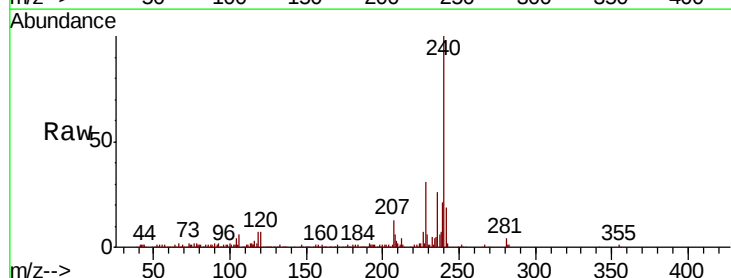
RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

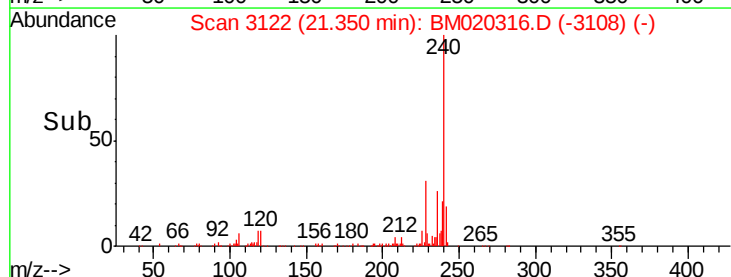
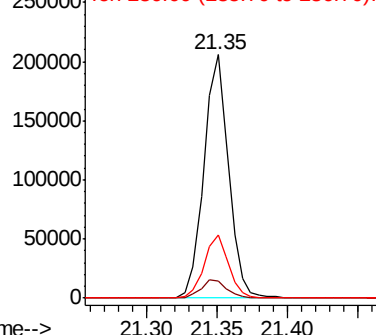
Lab File: BM020316.D

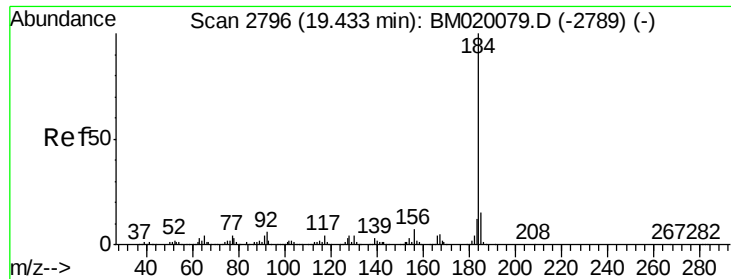
Acq: 13 May 2019 15:09

Tgt Ion:	240	Resp:	251652
Ion Ratio	Lower	Upper	
240	100		
120	7.2	5.6	8.4
236	25.8	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.508 ng/mL

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

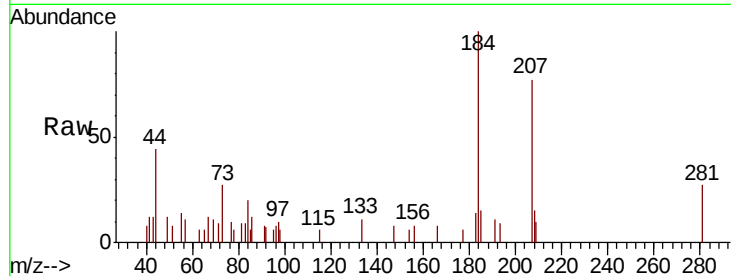
ClientSampleId :

P021-SS008-0206-01MSD

Tot Ion:	184	Resp:	12135
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.0	18.0
183	13.7	9.5	14.3

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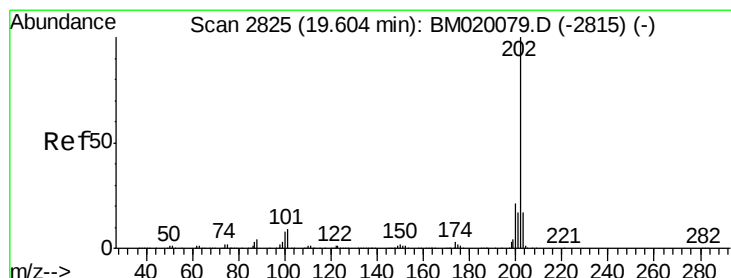
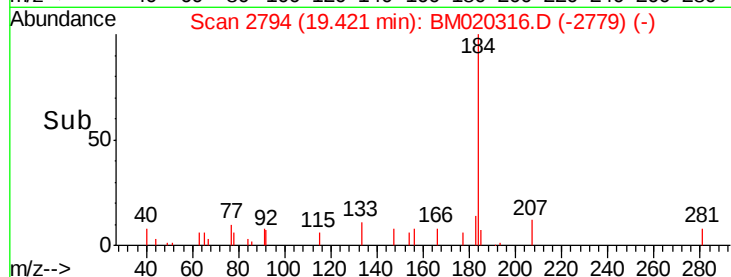
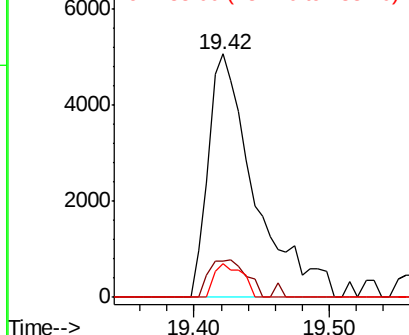


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.264 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

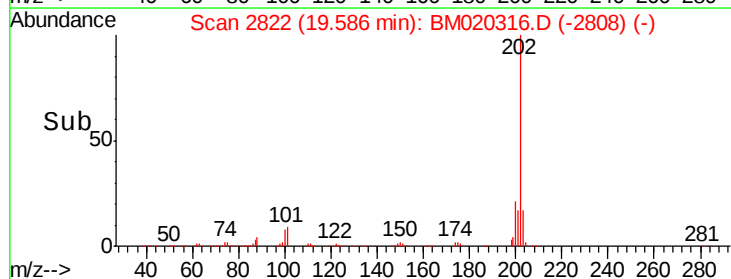
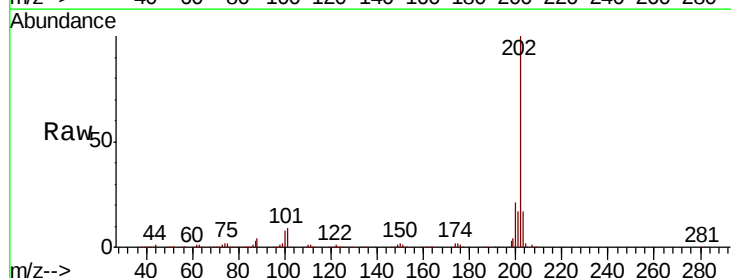
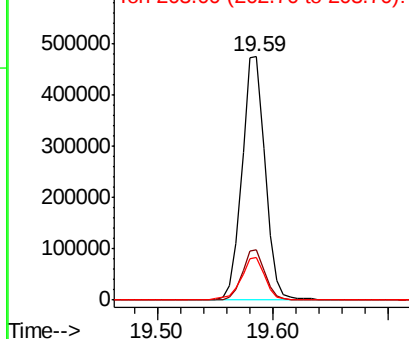
Tgt Ion:	202	Resp:	663392
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.056 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

ClientSampleId :

P021-SS008-0206-01MSD

Tot Ion:244 Resp: 1082888

Ion Ratio Lower Upper

244 100

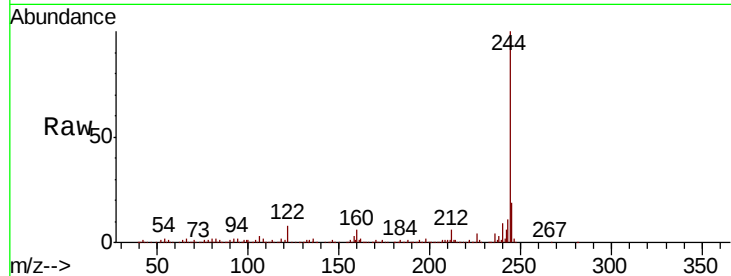
212 6.5 5.7 8.5

122 7.5 6.2 9.2

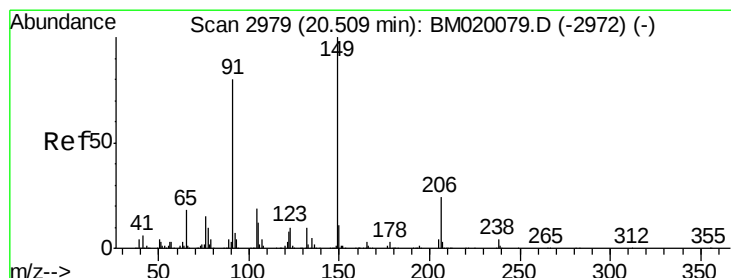
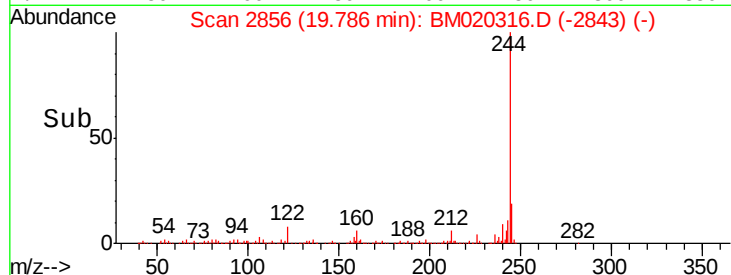
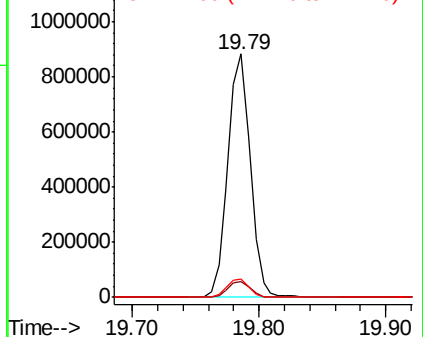
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.757 ng

RT: 20.48 min Scan# 2974

Delta R.T. -0.03 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

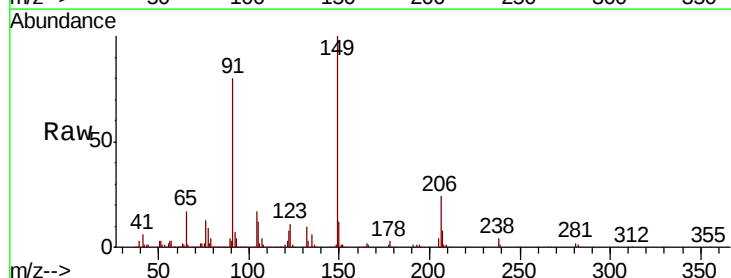
Tgt Ion:149 Resp: 268846

Ion Ratio Lower Upper

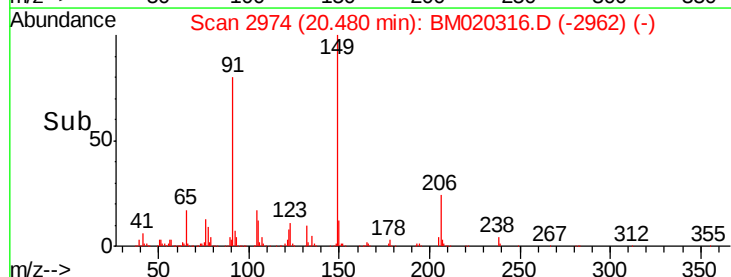
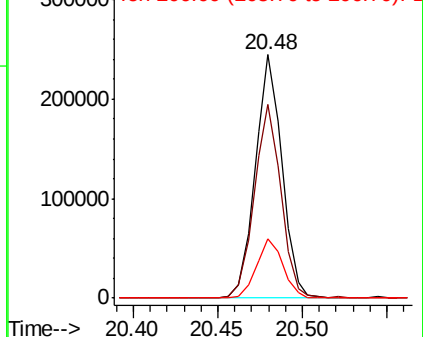
149 100

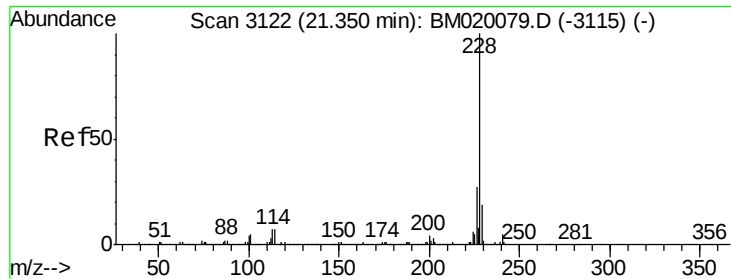
91 79.5 63.8 95.8

206 24.5 18.9 28.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





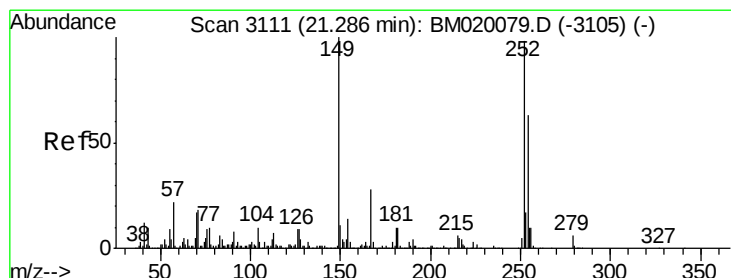
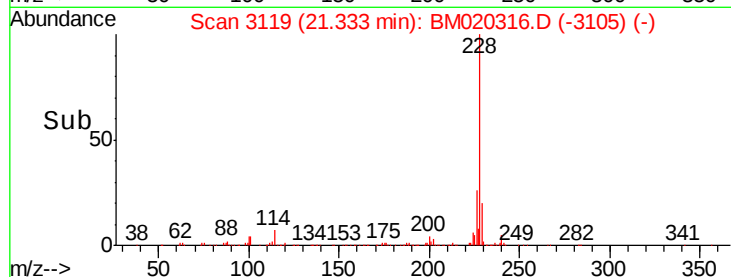
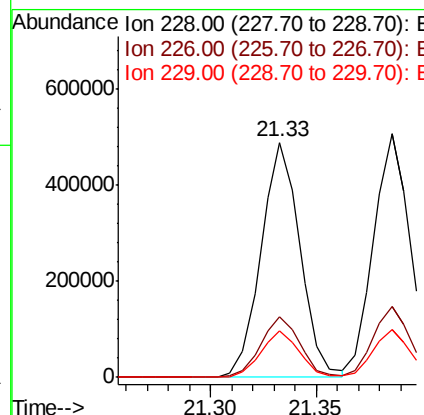
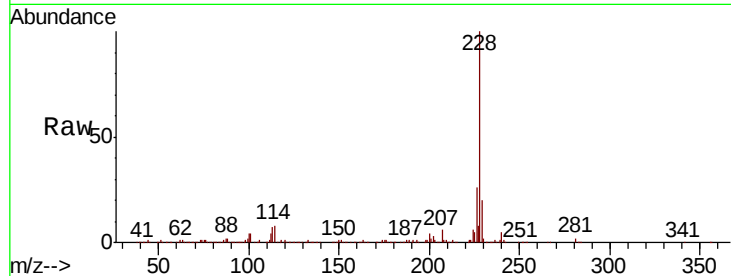
#81
Benzo(a)anthracene
Concen: 35.595 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.3	31.9
229	19.7	15.5	23.3

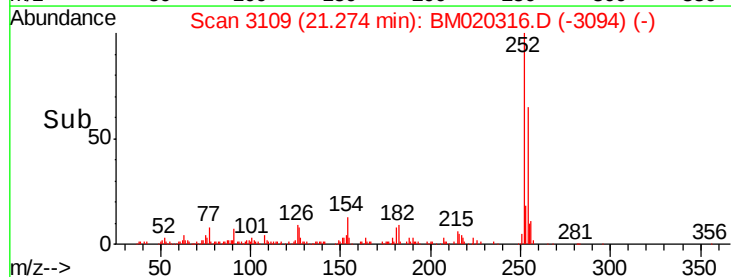
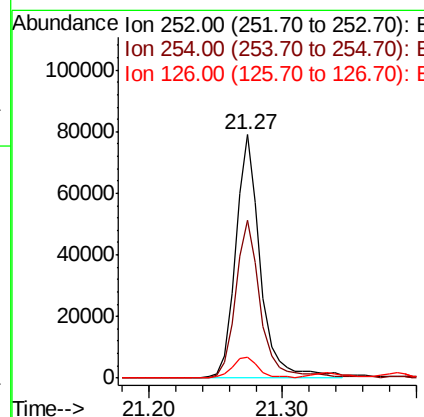
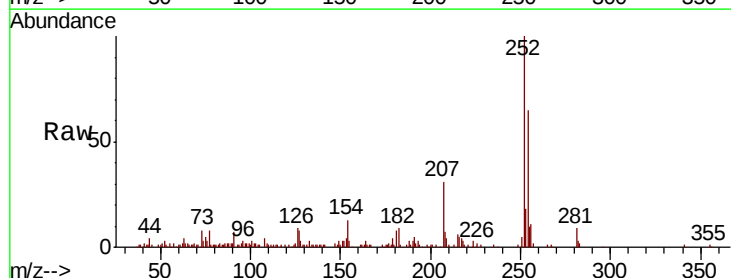
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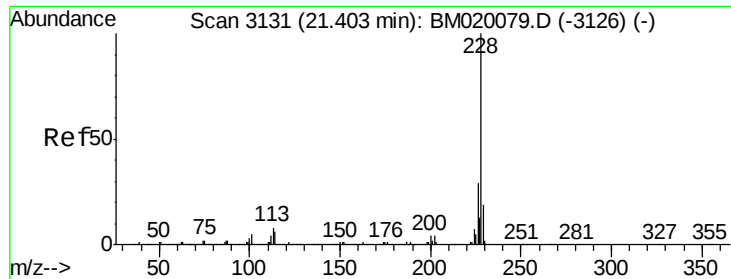
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#82
3,3'-Dichlorobenzidine
Concen: 15.207 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.1	76.7
126	8.5	7.1	10.7





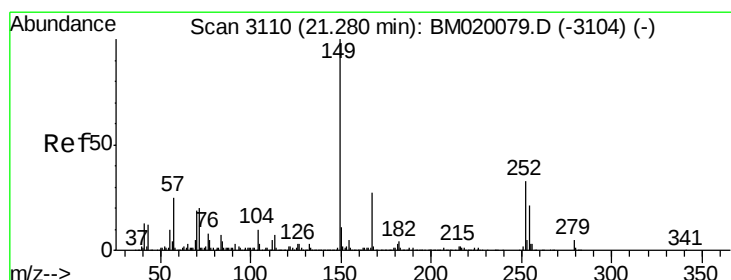
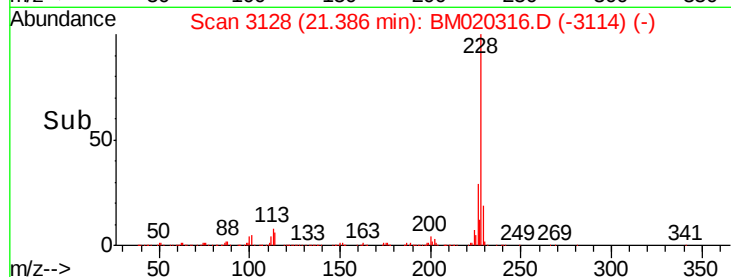
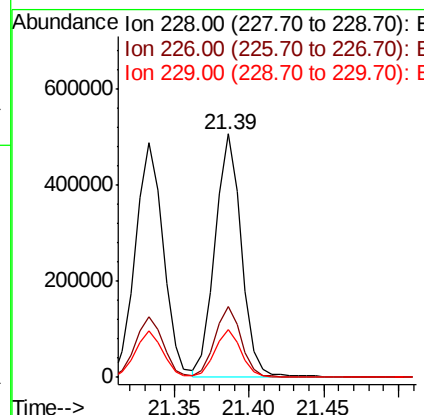
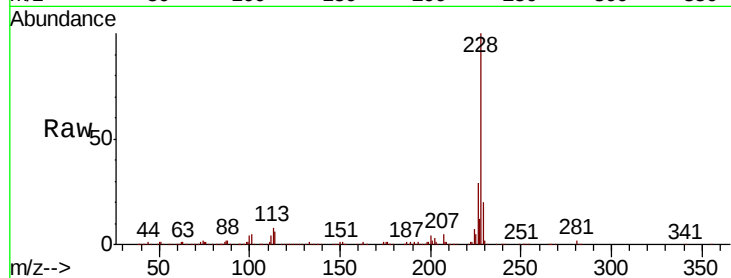
#83
 Chrysene
 Concen: 36.318 ng
 RT: 21.39 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	19.5	15.5	23.3

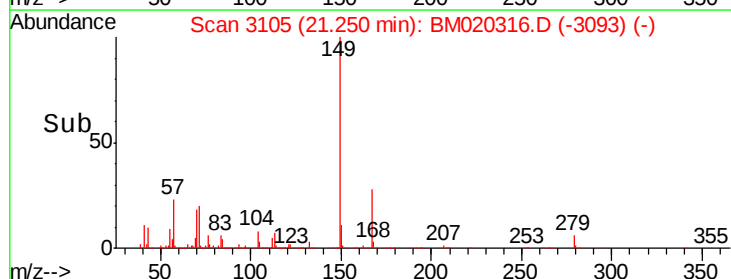
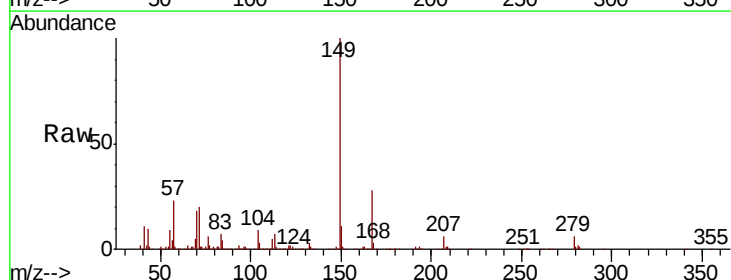
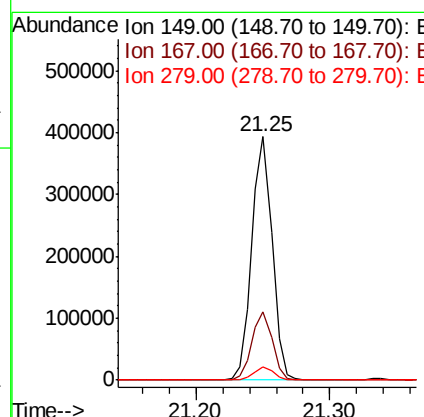
Manual Integrations
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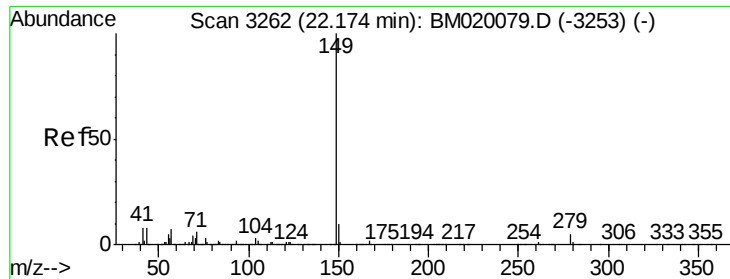
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.893 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.03 min
 Lab File: BM020316.D
 Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	5.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 44.233 ng

RT: 22.14 min Scan# 3256

Delta R.T. -0.04 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

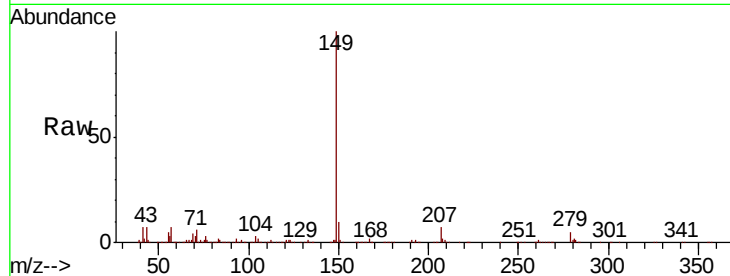
ClientSampleId :

P021-SS008-0206-01MSD

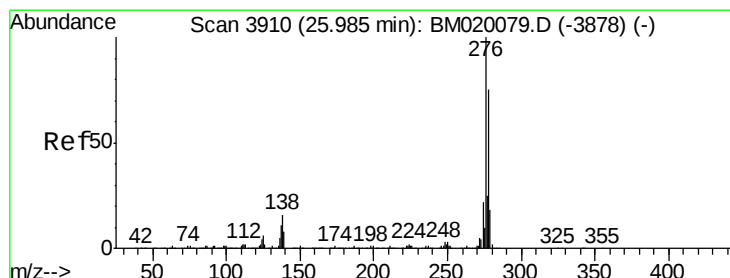
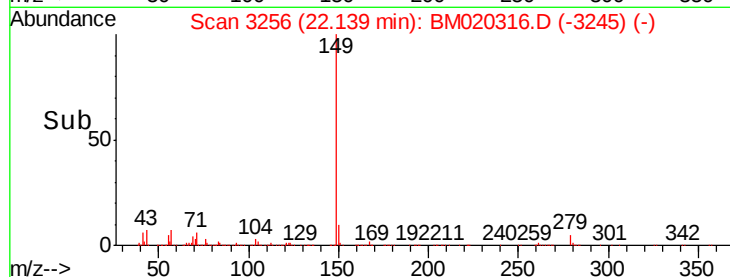
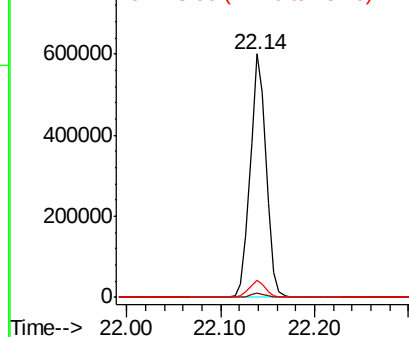
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	7.1	6.5	9.7	

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.003 ng

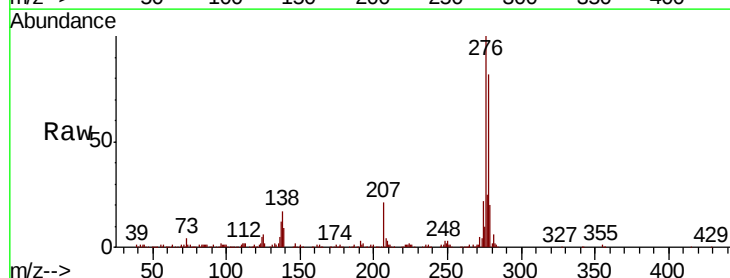
RT: 25.96 min Scan# 3905

Delta R.T. -0.03 min

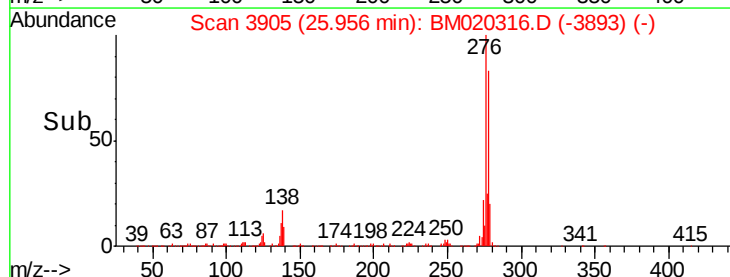
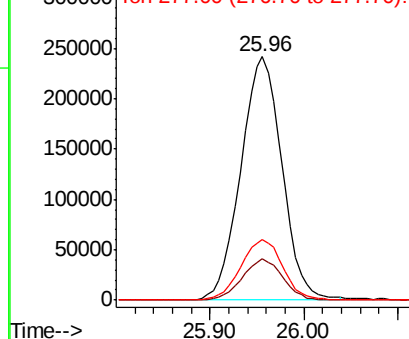
Lab File: BM020316.D

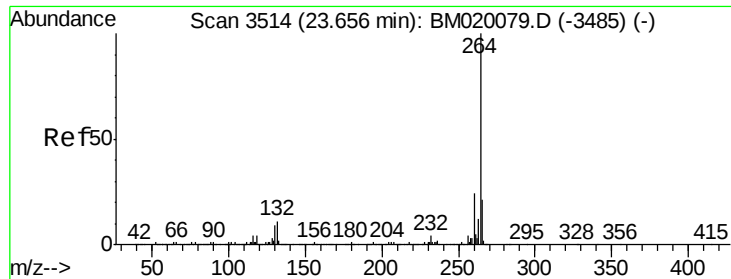
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	16.7	0.0	0.0#	
277	25.3	0.0	0.0#	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

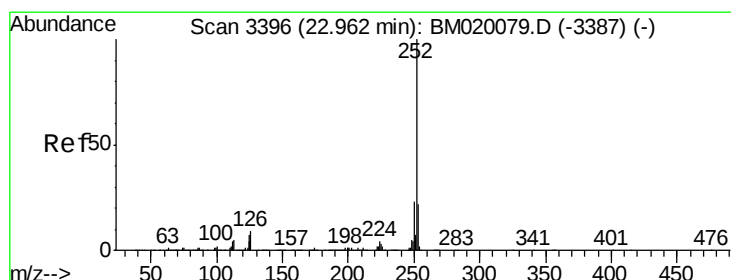
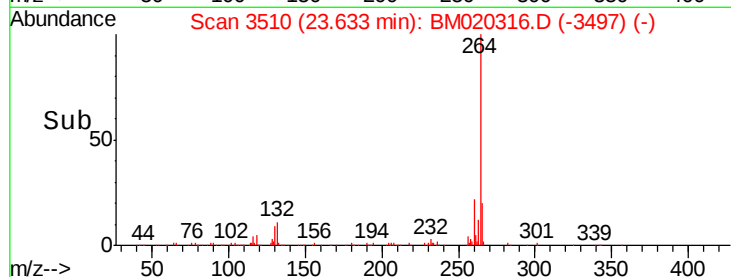
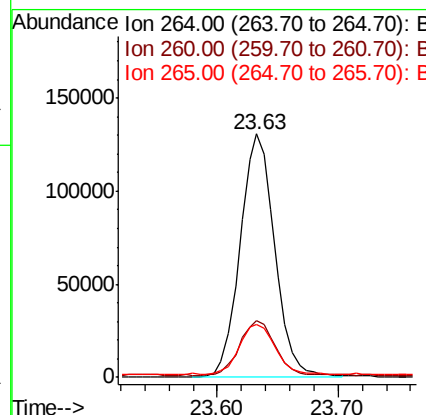
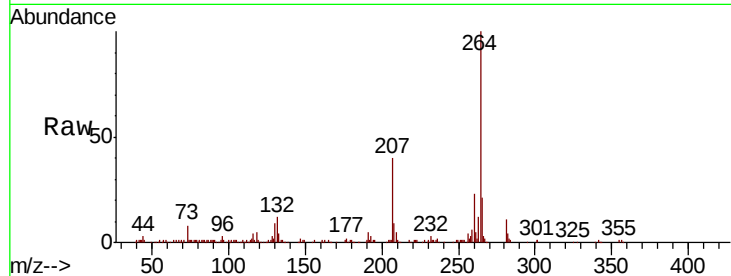
ClientSampleId :

P021-SS008-0206-01MSD

Tot Ion:	264	Resp:	261388
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 36.813 ng

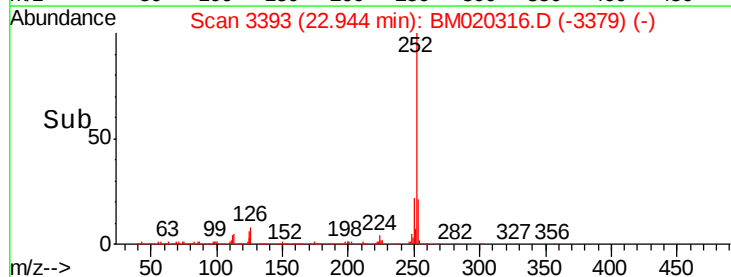
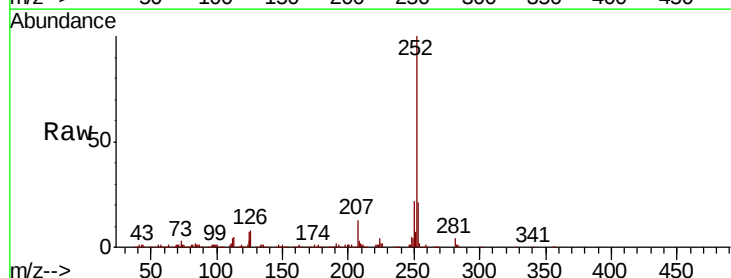
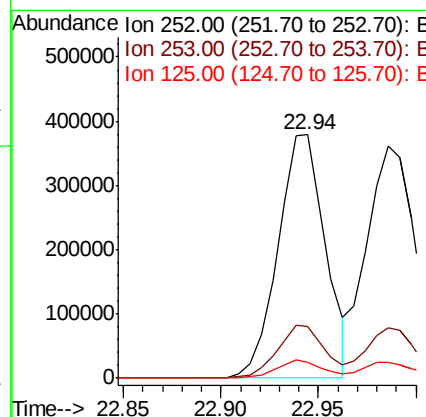
RT: 22.94 min Scan# 3393

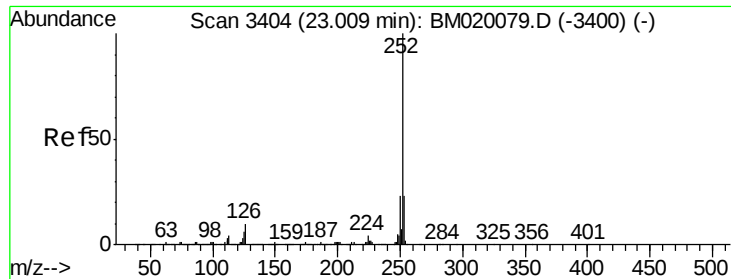
Delta R.T. -0.02 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion:	252	Resp:	635419
Ion Ratio		Lower	Upper
252	100		
253	21.3	17.5	26.3
125	6.6	5.4	8.2





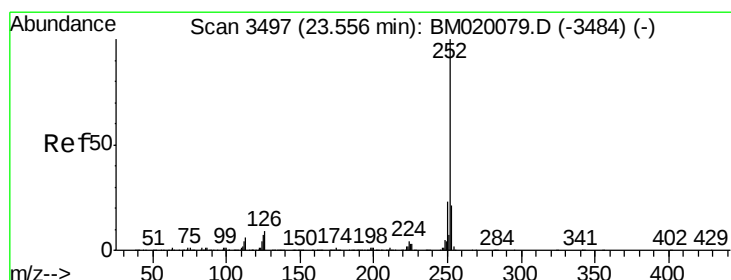
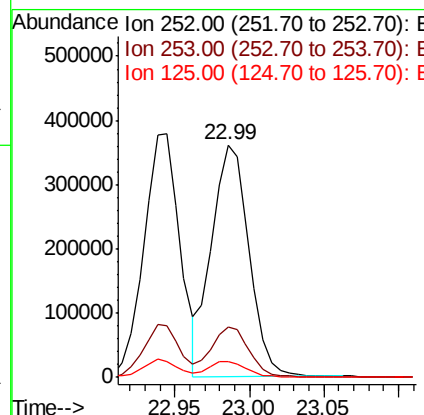
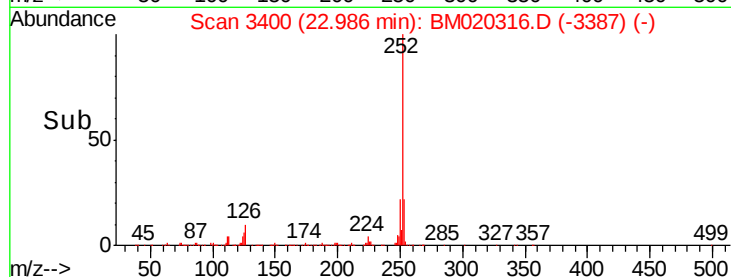
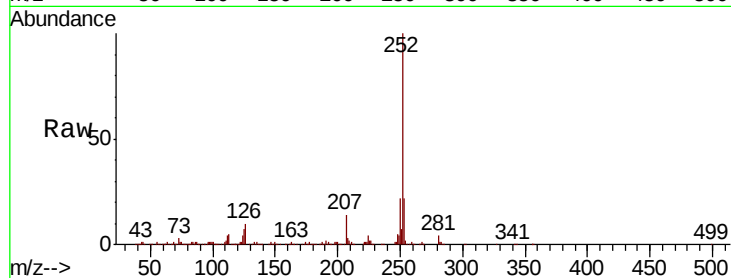
#89
Benzo(k)fluoranthene
Concen: 40.112 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.6	5.4	8.0

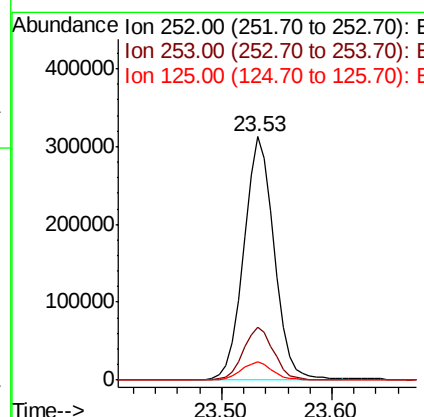
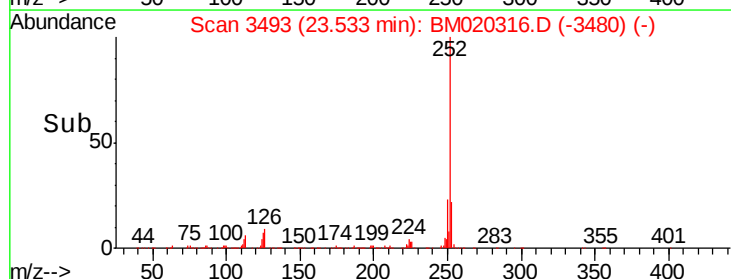
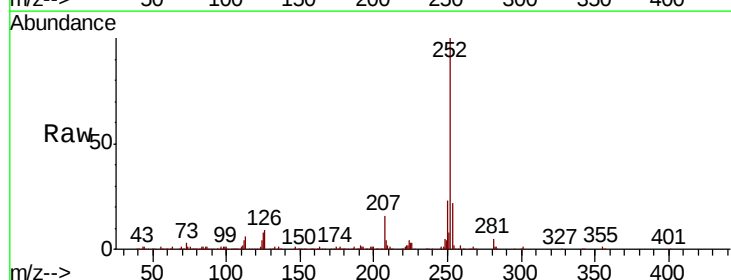
Manual Integrations
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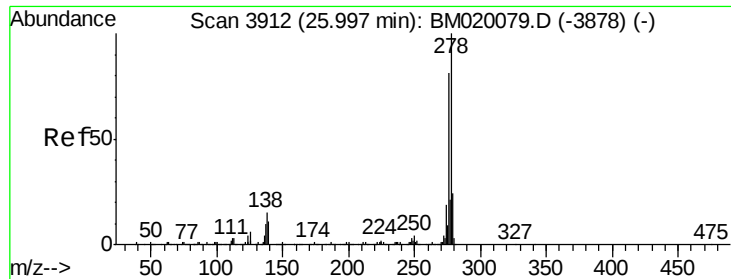
mohammad
5/14/2019 11:11:48 PM



#90
Benzo(a)pyrene
Concen: 38.500 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020316.D
Acq: 13 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	7.5	5.5	8.3





#91

Dibenzo(a,h)anthracene

Concen: 38.887 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.03 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Instrument :

BNA_M

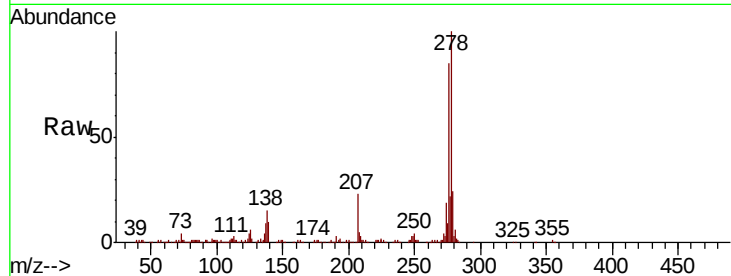
ClientSampleId :

P021-SS008-0206-01MSD

Tot Ion:	278	Resp:	634043
Ion Ratio	Lower	Upper	
278	100		
139	10.3	8.6	13.0
279	24.3	18.8	28.2

Manual Integrations
APPROVED

mohammad
5/14/2019 11:11:48 PM

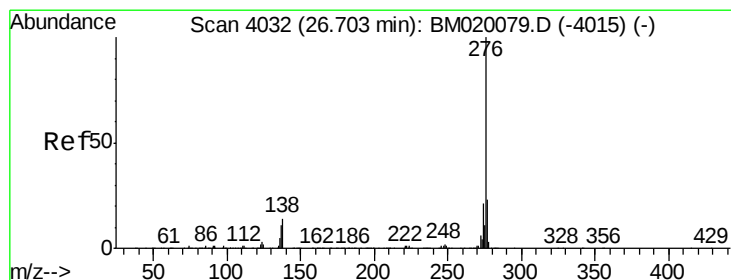
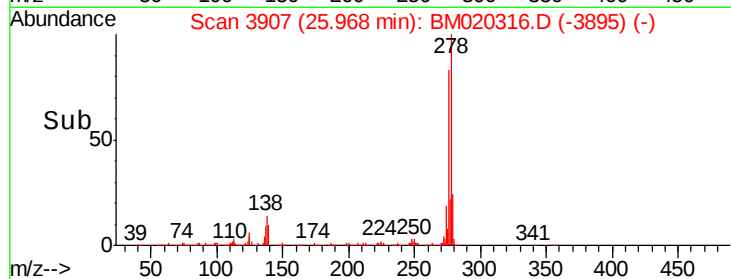
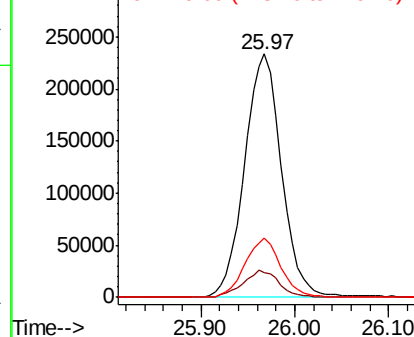


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.800 ng

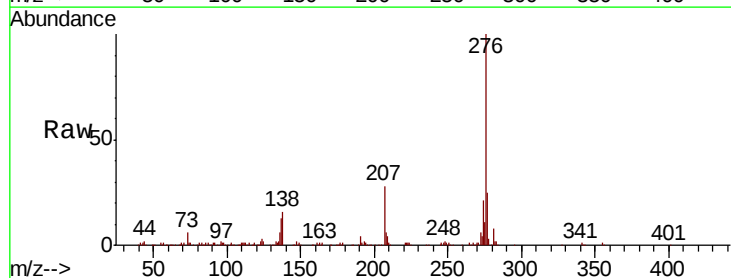
RT: 26.67 min Scan# 4026

Delta R.T. -0.04 min

Lab File: BM020316.D

Acq: 13 May 2019 15:09

Tgt Ion:	276	Resp:	600617
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.4	27.6
138	15.7	11.1	16.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

