

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
 Data File : BM020312.D
 Acq On : 13 May 2019 12:46
 Operator : JU/SJ
 Sample : PB119670BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119670BS

Manual Integrations
 APPROVED

mohammad
 5/14/2019 11:11:39 PM

Quant Time: May 14 03:57:51 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	59799	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	209016	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	123631	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	305946	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	324124	20.00	ng	-0.02
87) Perylene-d12	23.63	264	363965	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	493475	134.89	ng	-0.02
7) Phenol-d6	6.93	99	636001	127.26	ng	-0.02
23) Nitrobenzene-d5	8.93	82	381336	72.03	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	280835	146.35	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	761369	75.77	ng	-0.04
79) Terphenyl-d14	19.79	244	1418896	76.36	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	68871	38.385	ng	# 90
3) Pyridine	3.68	79	176195	38.397	ng	93
4) n-Nitrosodimethylamine	3.60	42	48172	32.737	ng	# 59
6) Aniline	7.09	93	177634	28.235	ng	97
8) 2-Chlorophenol	7.33	128	151544	38.044	ng	96
9) Benzaldehyde	6.91	77	91889	24.292	ng	90
10) Phenol	6.96	94	197536	36.715	ng	90
11) bis(2-Chloroethyl)ether	7.19	93	149445	38.216	ng	96
12) 1,3-Dichlorobenzene	7.65	146	172737	37.271	ng	94
13) 1,4-Dichlorobenzene	7.79	146	177400	37.891	ng	96
14) 1,2-Dichlorobenzene	8.10	146	166817	37.399	ng	97
15) Benzyl Alcohol	8.00	79	148136	30.739	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.29	45	111426	34.363	ng	95
17) 2-Methylphenol	8.20	107	124642	35.987	ng	93
18) Hexachloroethane	8.82	117	68377	35.026	ng	97
19) n-Nitroso-di-n-propylamine	8.56	70	137690	32.202	ng	95
20) 3+4-Methylphenols	8.53	107	156835	34.071	ng	95
22) Acetophenone	8.59	105	227924	39.900	ng	# 95
24) Nitrobenzene	8.97	77	200139	36.460	ng	94
25) Isophorone	9.49	82	344130	37.693	ng	98
26) 2-Nitrophenol	9.67	139	75629	45.637	ng	89
27) 2,4-Dimethylphenol	9.73	122	123624	44.808	ng	98
28) bis(2-Chloroethoxy)methane	9.97	93	187619	37.732	ng	97
29) 2,4-Dichlorophenol	10.20	162	135138	38.844	ng	99
30) 1,2,4-Trichlorobenzene	10.41	180	168560	39.376	ng	97
31) Naphthalene	10.60	128	429406	39.589	ng	99
32) Benzoic acid	9.86	122	61150	33.471	ng	94
33) 4-Chloroaniline	10.72	127	107112	23.993	ng	95
34) Hexachlorobutadiene	10.87	225	111813	36.924	ng	99
35) Caprolactam	11.53	113	42699m	41.046	ng	
36) 4-Chloro-3-methylphenol	11.85	107	144405	35.321	ng	93
37) 2-Methylnaphthalene	12.22	142	310420	39.256	ng	97
38) 1-Methylnaphthalene	12.44	142	295048	38.157	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	195870	40.495	ng	99

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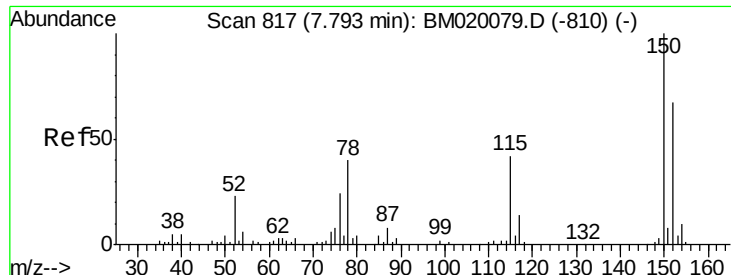
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	258538	90.779	nq	98
43) 2,4,6-Trichlorophenol	12.83	196	122699	44.635	nq	99
44) 2,4,5-Trichlorophenol	12.90	196	125520	40.873	nq	98
46) 1,1'-Biphenyl	13.23	154	405526	39.851	nq	99
47) 2-Chloronaphthalene	13.28	162	325850	40.106	nq	98
48) 2-Nitroaniline	13.50	65	100951	34.901	nq	88
49) Acenaphthylene	14.13	152	495739	38.126	nq	99
50) Dimethylphthalate	13.87	163	405470	38.588	nq	98
51) 2,6-Dinitrotoluene	14.00	165	87705	39.629	nq	85
52) Acenaphthene	14.47	154	288851	38.738	nq	98
53) 3-Nitroaniline	14.33	138	54291	26.431	nq	97
54) 2,4-Dinitrophenol	14.54	184	103521	91.966	nq	91
55) Dibenzofuran	14.81	168	485841	38.628	nq	97
56) 4-Nitrophenol	14.65	139	132064m	75.356	nq	
57) 2,4-Dinitrotoluene	14.79	165	124678	41.459	nq	92
58) Fluorene	15.46	166	390937	37.847	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	126029	43.185	nq	97
60) Diethylphthalate	15.23	149	415567	39.255	nq	99
61) 4-Chlorophenyl-phenylether	15.45	204	225653	38.555	nq	94
62) 4-Nitroaniline	15.50	138	76416m	33.710	nq	
63) Azobenzene	15.75	77	432801	34.655	nq	97
65) 4,6-Dinitro-2-methylphenol	15.55	198	67663	44.454	nq	99
66) n-Nitrosodiphenylamine	15.67	169	354134	39.337	nq	99
67) 4-Bromophenyl-phenylether	16.34	248	143060	38.132	nq	95
68) Hexachlorobenzene	16.45	284	168019	38.918	nq	97
69) Atrazine	16.62	200	128592	36.551	nq	99
70) Pentachlorophenol	16.80	266	209684	84.887	nq	99
71) Phenanthrene	17.20	178	651297	38.565	nq	100
72) Anthracene	17.29	178	660466	39.114	nq	98
73) Carbazole	17.57	167	572471	37.574	nq	99
74) Di-n-butylphthalate	18.12	149	715964	39.047	nq	97
75) Fluoranthene	19.22	202	817826	38.273	nq	100
77) Benzidine	19.42	184	357377	34.488	nq	99
78) Pyrene	19.59	202	841256	38.658	nq	100
80) Butylbenzylphthalate	20.48	149	338563	42.783	nq	100
81) Benzo(a)anthracene	21.33	228	843597	37.113	nq	99
82) 3,3'-Dichlorobenzidine	21.27	252	249992	28.816	nq	98
83) Chrysene	21.39	228	842170	38.202	nq	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	504976	41.123	nq	99
85) Di-n-octyl phthalate	22.14	149	884271	43.326	nq	97
86) Indeno(1,2,3-cd)pyrene	25.96	276	1104849	42.135	nq	# 100
88) Benzo(b)fluoranthene	22.94	252	925536	38.509	nq	100
89) Benzo(k)fluoranthene	22.99	252	895194	40.832	nq	99
90) Benzo(a)pyrene	23.54	252	898249	41.146	nq	99
91) Dibenzo(a,h)anthracene	25.97	278	952373	41.949	nq	100
92) Benzo(g,h,i)perylene	26.67	276	918449	42.610	nq	99

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



#1

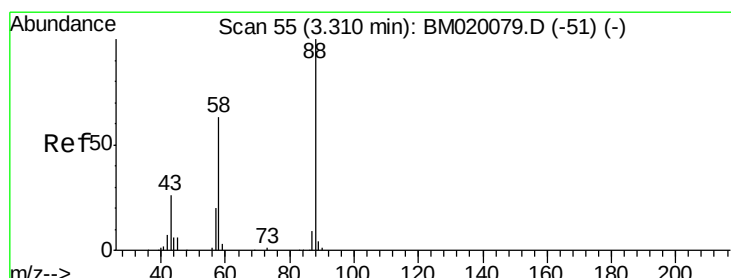
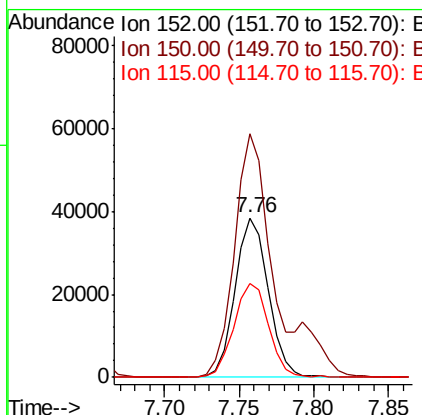
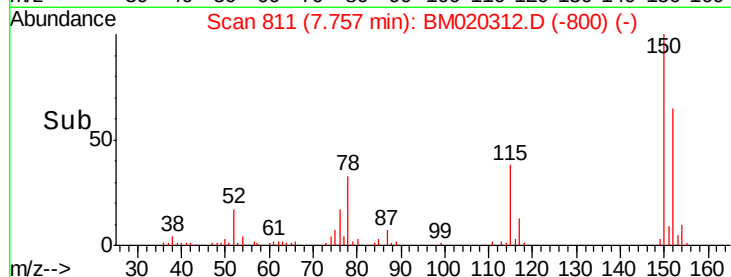
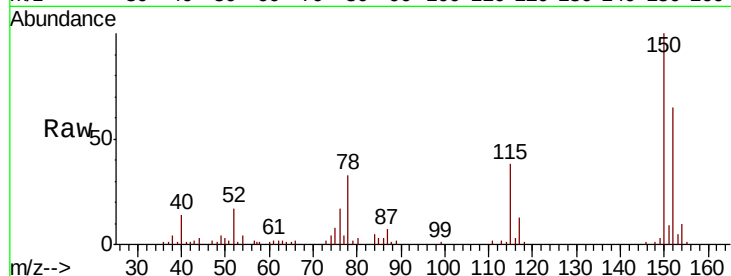
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.8	179.8
115	58.9	50.8	76.2

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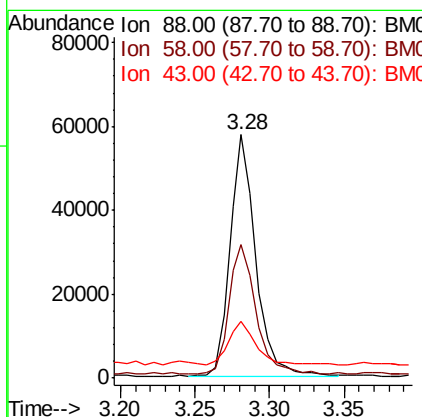
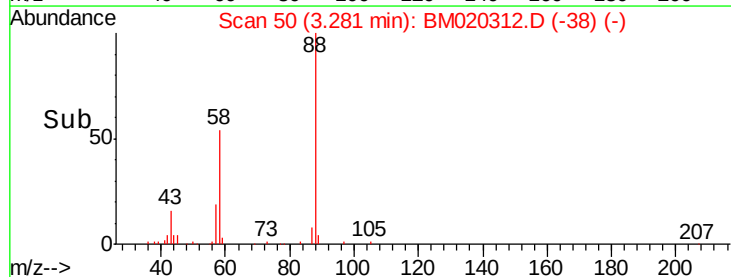
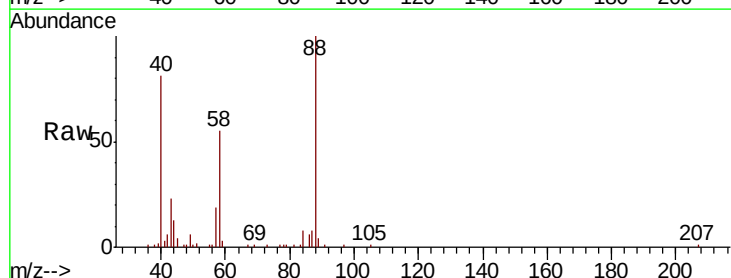
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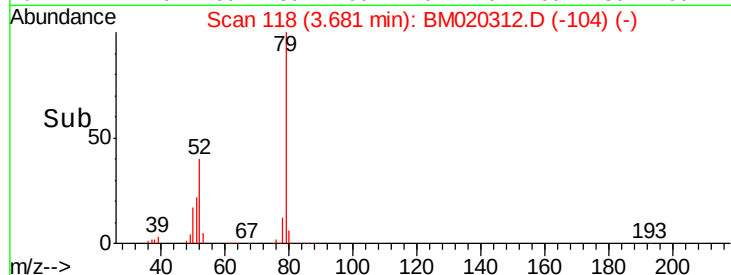
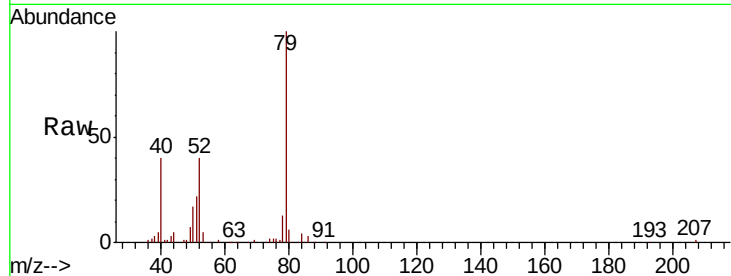
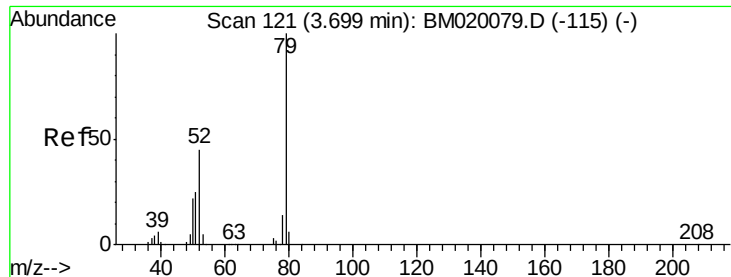


#2

1,4-Dioxane
Concen: 38.385 ng
RT: 3.28 min Scan# 50
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.8	51.8	77.6
43	19.9	20.3	30.5#





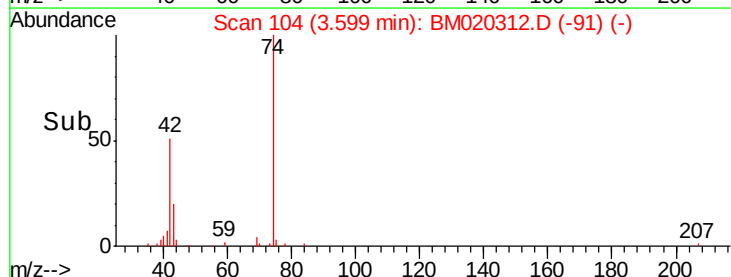
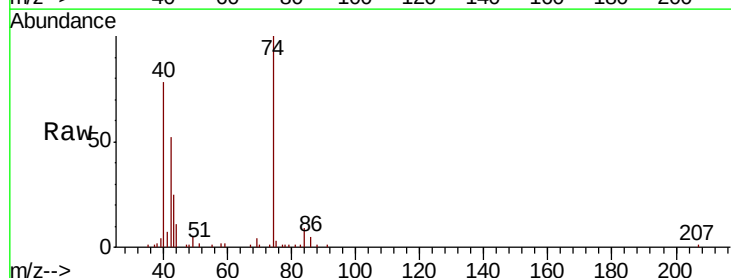
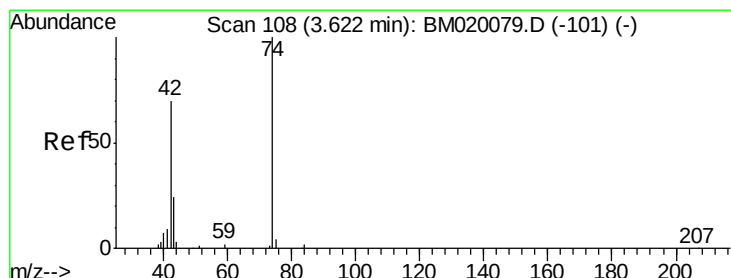
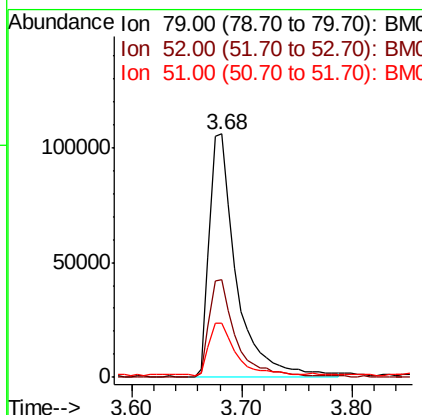
#3
 Pvridine
 Concen: 38.397 ng
 RT: 3.68 min Scan# 118
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Tot Ion:	79	Resp:	176195
Ion	Ratio	Lower	Upper
79	100		
52	40.4	35.7	53.5
51	22.5	20.8	31.2

Instrument :
 BNA_M
 ClientSampled :
 PB119670BS

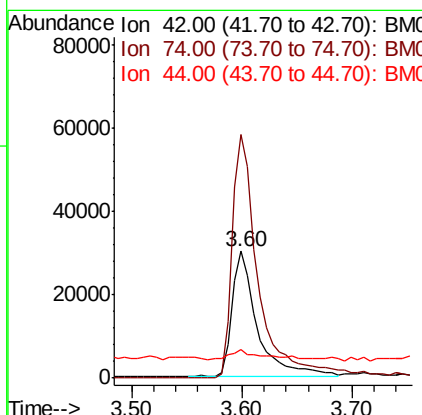
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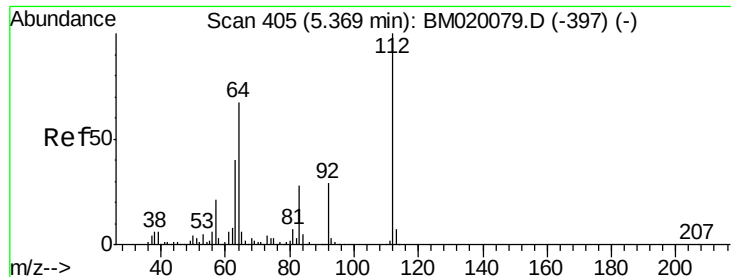
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#4
 n-Nitrosodimethylamine
 Concen: 32.737 ng
 RT: 3.60 min Scan# 104
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Tgt Ion:	42	Resp:	48172
Ion	Ratio	Lower	Upper
42	100		
74	191.6	113.7	170.5#
44	22.0	3.9	5.9#





#5

2-Fluorophenol

Concen: 134.890 ng

RT: 5.35 min Scan# 401

Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

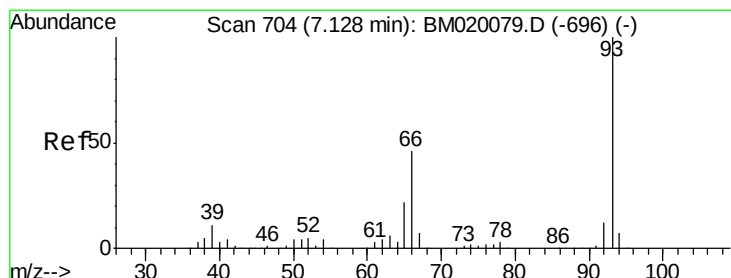
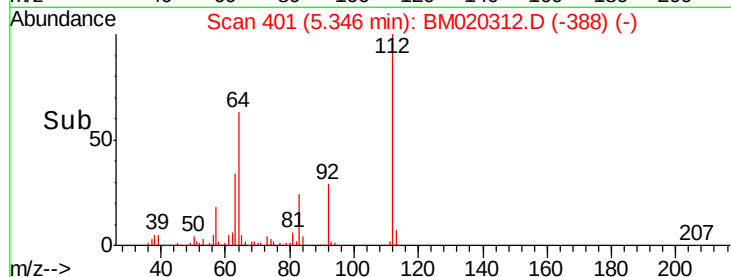
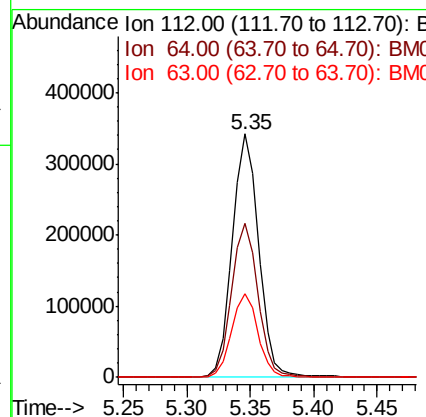
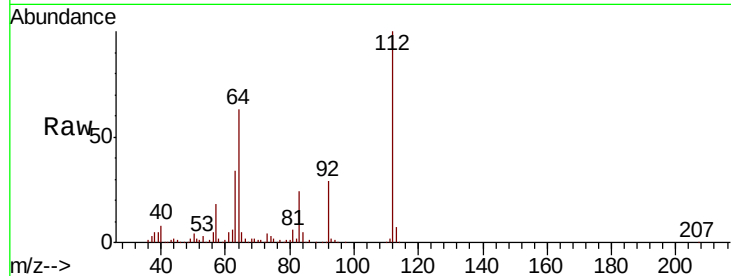
ClientSampleId :

PB119670BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		493475		
64	63.5	53.8	80.6		
63	34.4	32.3	48.5		

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#6

Aniline

Concen: 28.235 ng

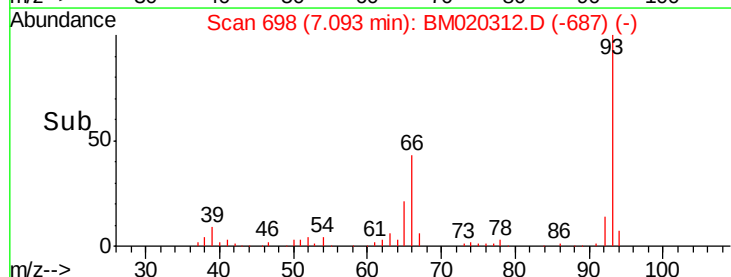
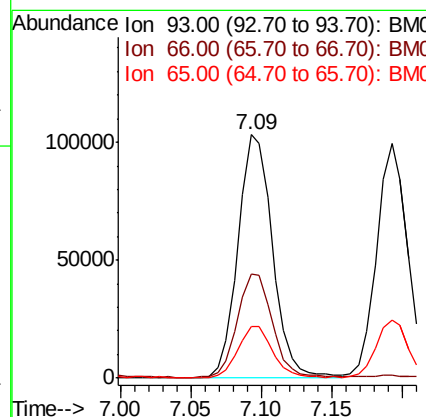
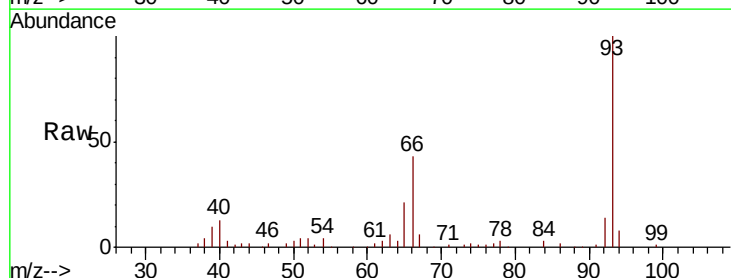
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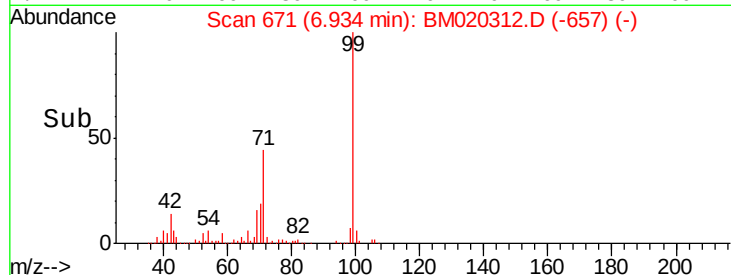
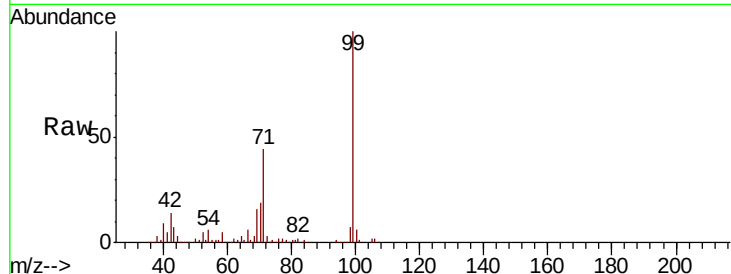
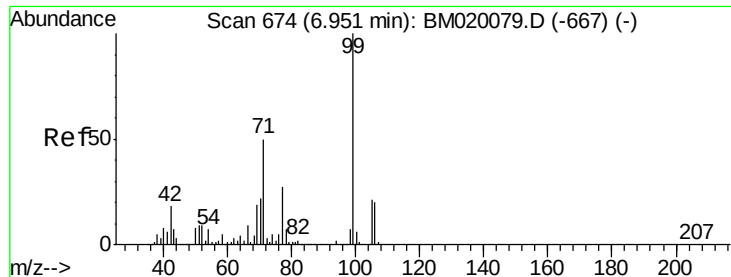
Delta R.T. -0.04 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		177634		
66	43.0	36.6	54.8		
65	21.2	17.8	26.6		





#7

Phenol-d6

Concen: 127.256 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		636001		
42	13.8	14.2	21.2#		
71	44.4	40.3	60.5		

Instrument :

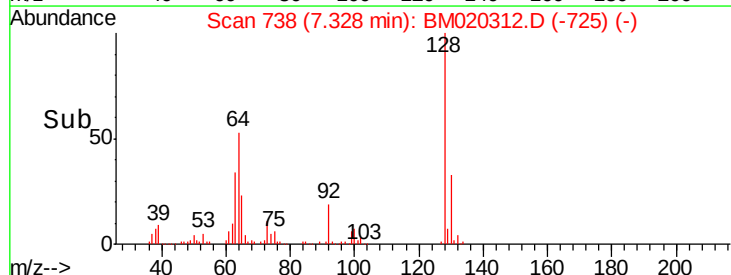
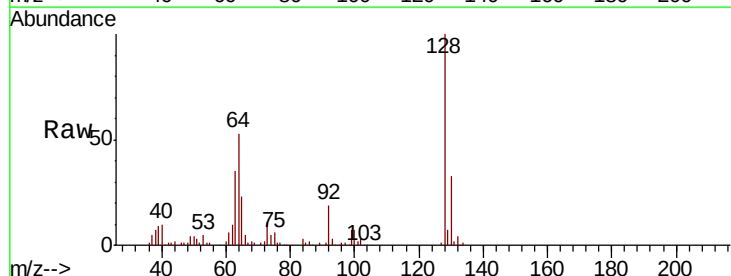
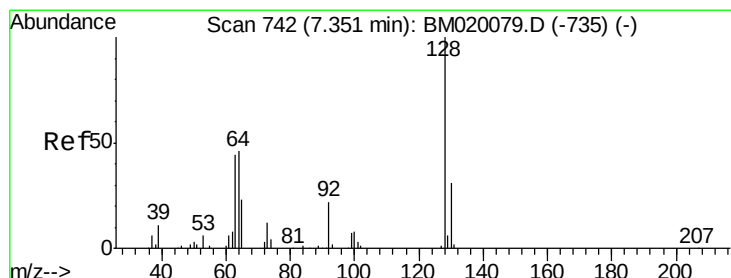
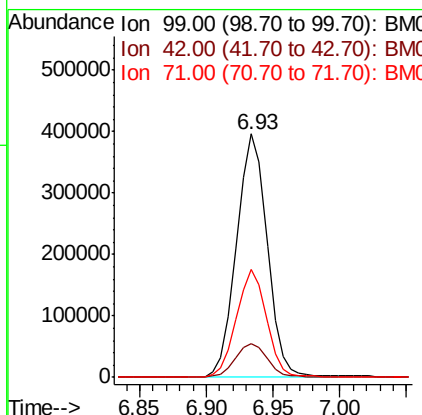
BNA_M

ClientSampled :

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#8

2-Chlorophenol

Concen: 38.044 ng

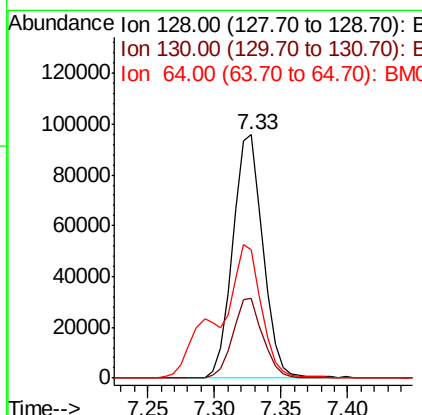
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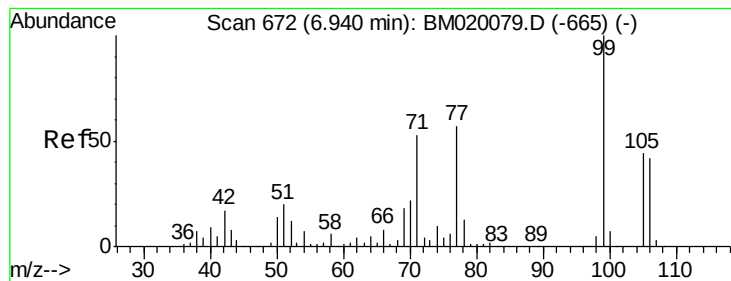
Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		151544		
130	32.7	10.8	50.8		
64	52.9	36.5	76.5		





#9

Benzaldehyde

Concen: 24.292 ng

RT: 6.91 min Scan# 667

Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

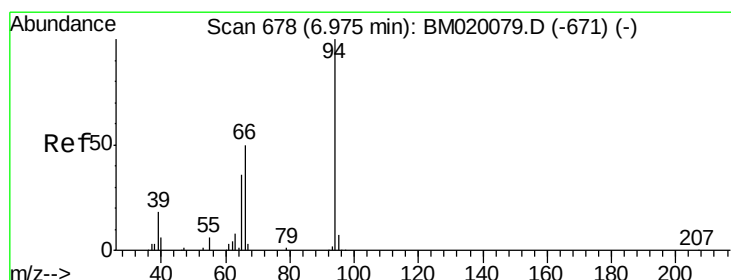
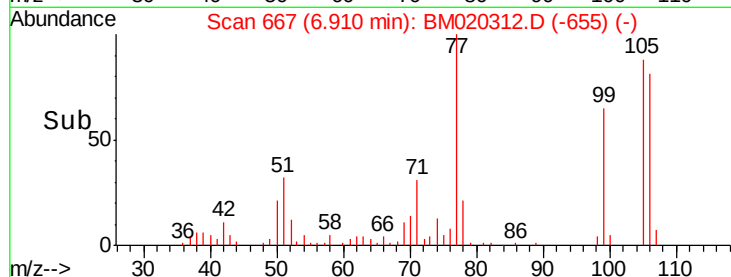
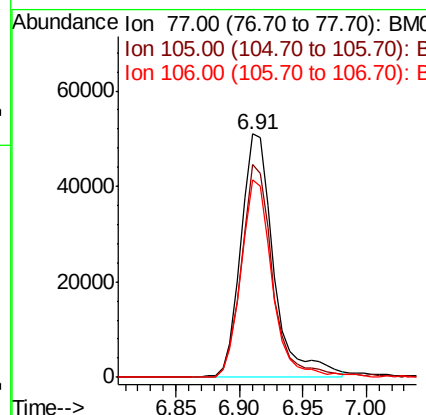
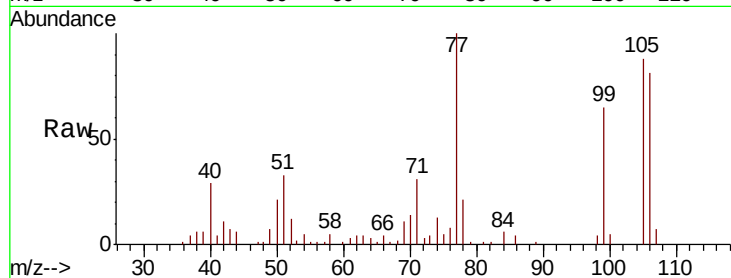
ClientSampleId :

PB119670BS

Tot Ion:	77	Resp:	91889
Ion	Ratio	Lower	Upper
77	100		
105	87.7	57.8	97.8
106	81.1	53.6	93.6

Manual Integrations
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#10

Phenol

Concen: 36.715 ng

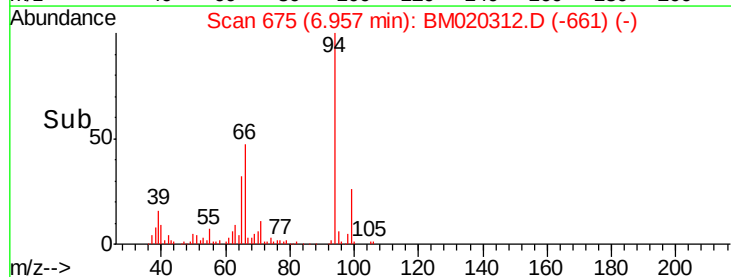
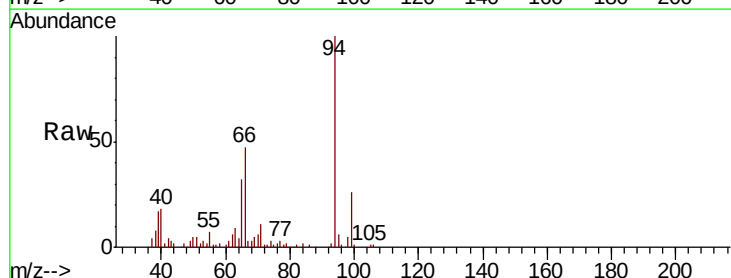
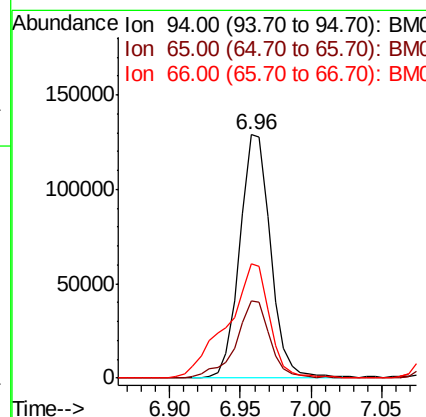
RT: 6.96 min Scan# 675

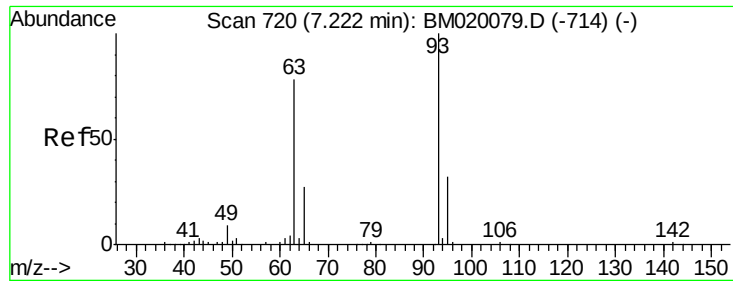
Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion:	94	Resp:	197536
Ion	Ratio	Lower	Upper
94	100		
65	31.9	17.0	57.0
66	46.8	34.5	74.5





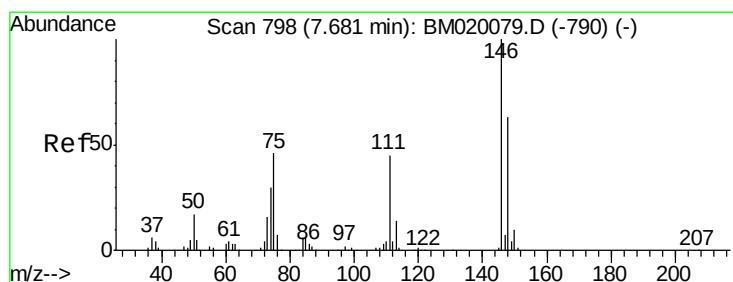
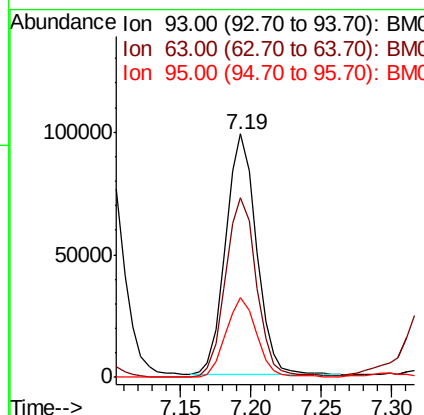
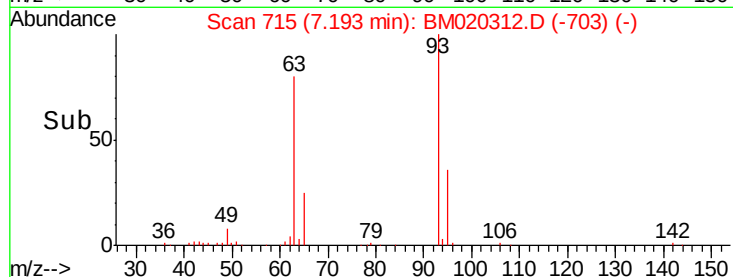
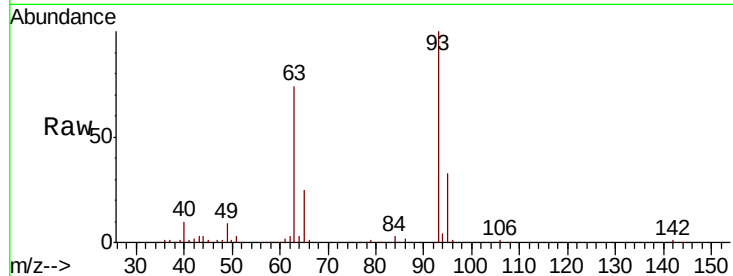
#11
bis(2-Chloroethyl)ether
Concen: 38.216 ng
RT: 7.19 min Scan# 715
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampled :
PB119670BS

Tot Ion:	93	Resp:	149445
Ion	Ratio	Lower	Upper
93	100		
63	73.7	57.9	97.9
95	32.9	11.3	51.3

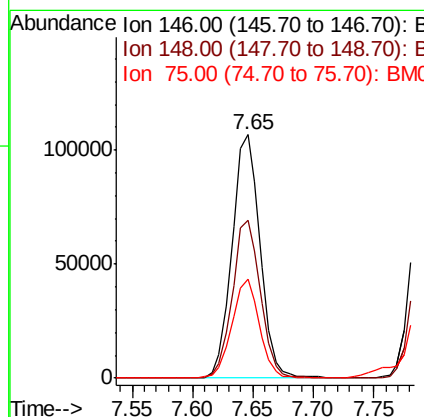
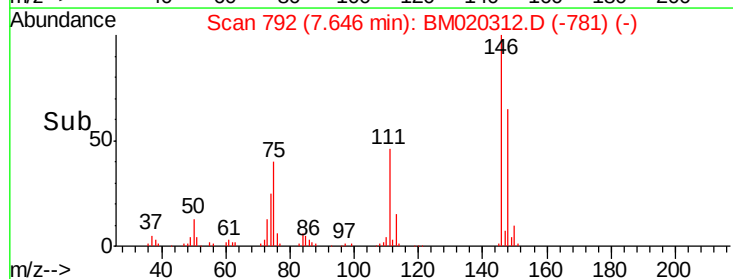
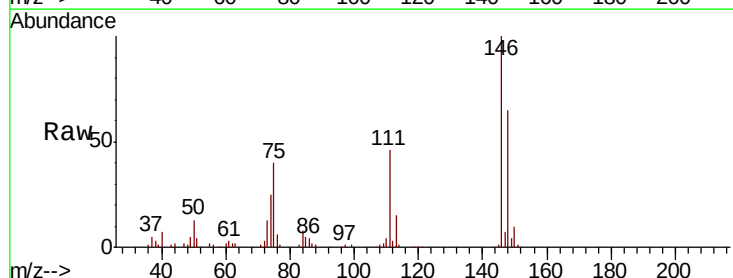
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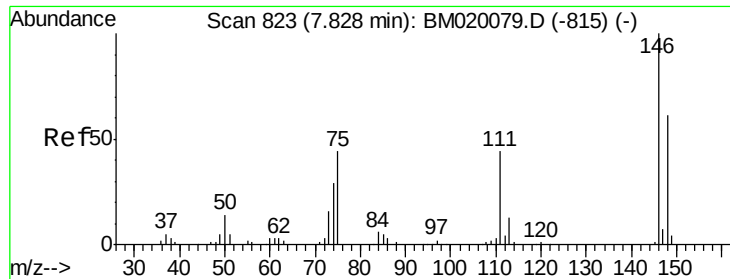
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.271 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion:	146	Resp:	172737
Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.1	75.1
75	40.4	37.2	55.8





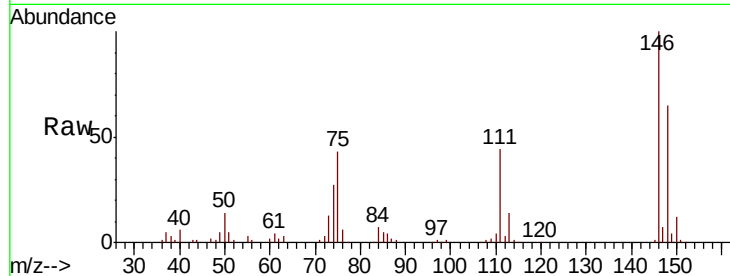
#13
1,4-Dichlorobenzene
Concen: 37.891 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampled :
PB119670BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	48.5	72.7
111	43.8	35.7	53.5

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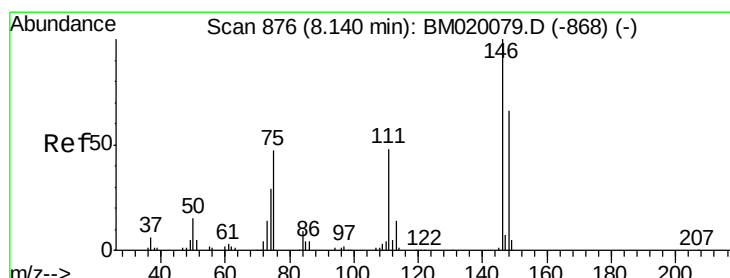
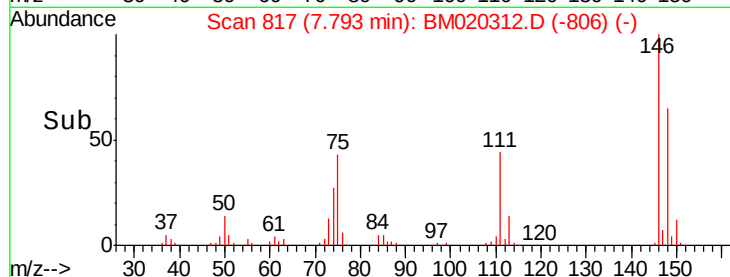
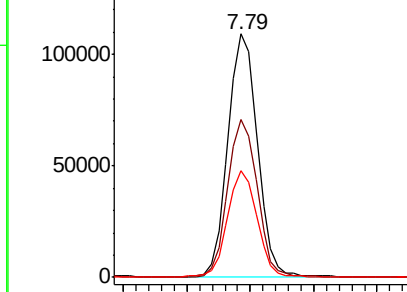


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 37.399 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

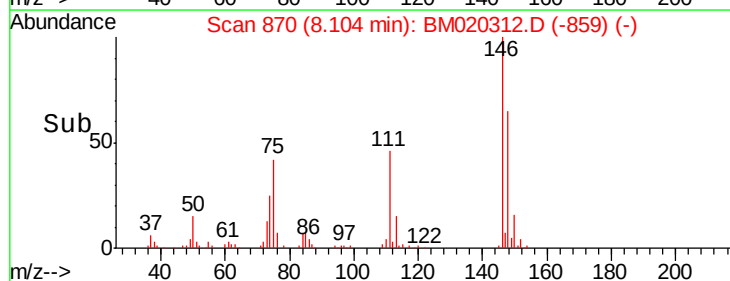
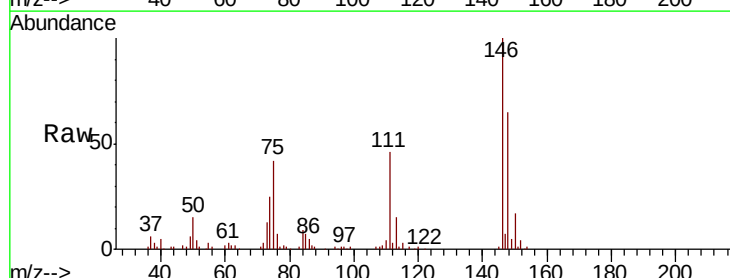
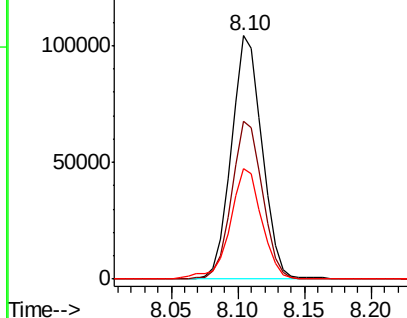
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	79.0
111	45.6	39.0	58.4

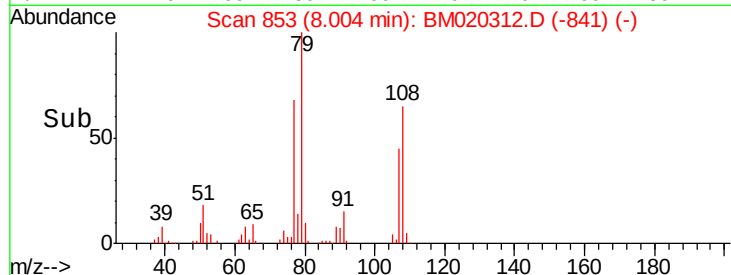
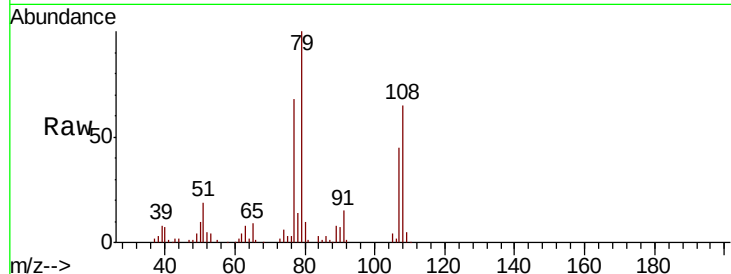
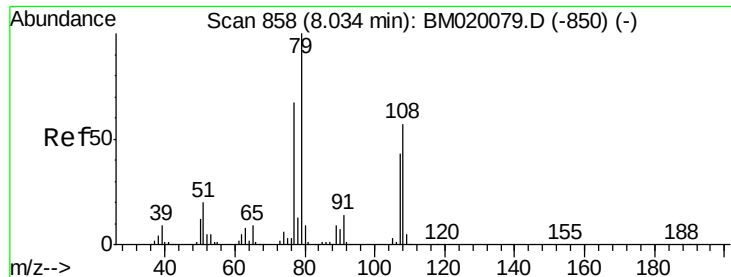
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





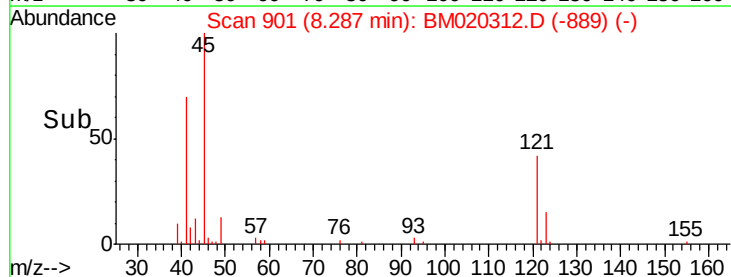
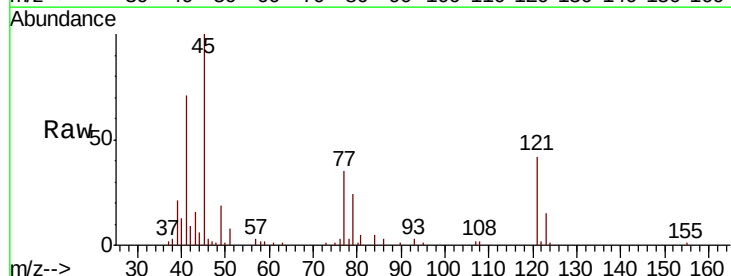
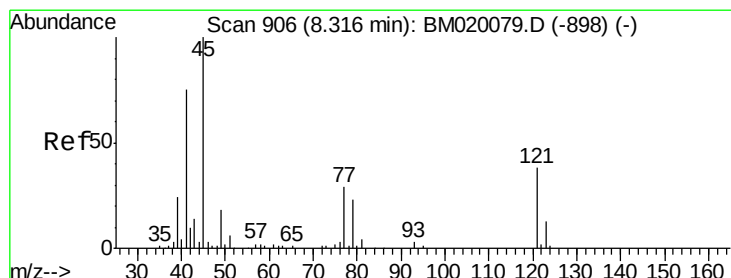
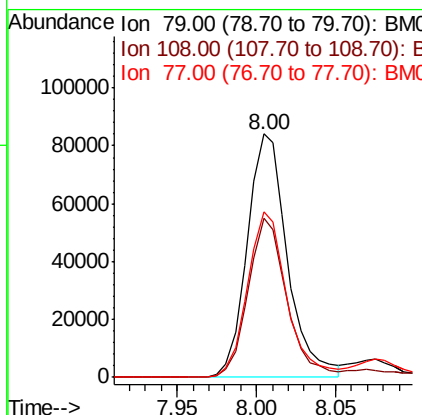
#15
Benzyl Alcohol
Concen: 30.739 ng
RT: 8.00 min Scan# 853
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	65.5	46.0	69.0	
77	67.7	53.8	80.6	

Instrument :
BNA_M
ClientSampleID :
PB119670BS

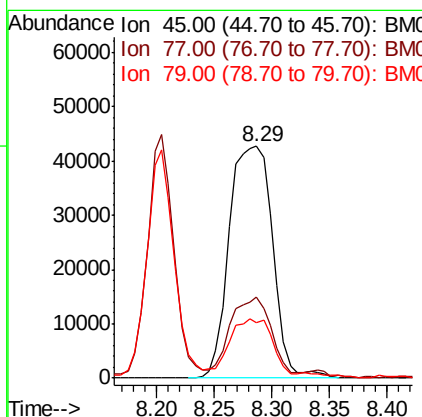
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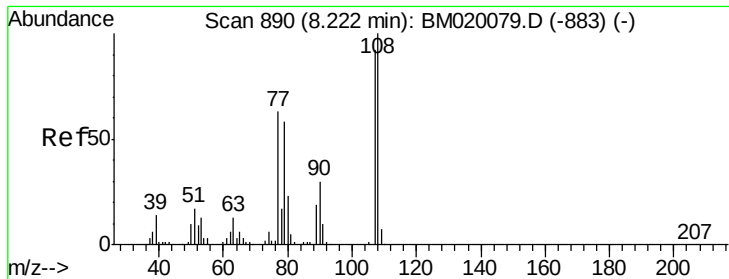
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.363 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	35.0	10.5	50.5	
79	23.8	3.3	43.3	





#17

2-Methylphenol

Concen: 35.987 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

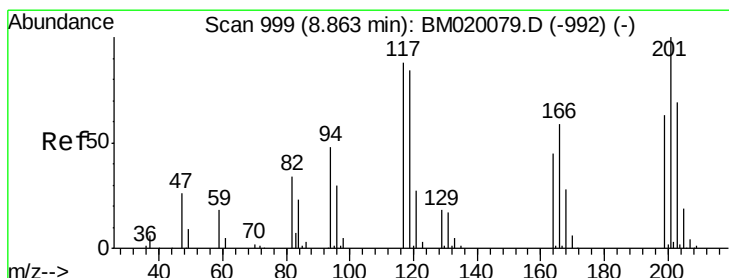
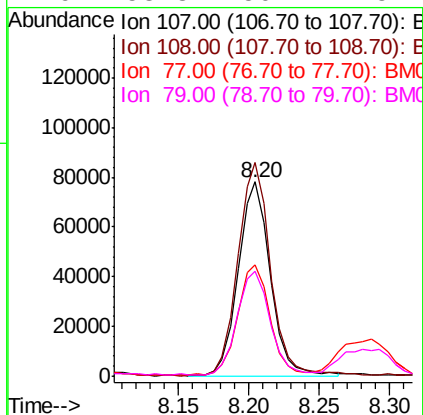
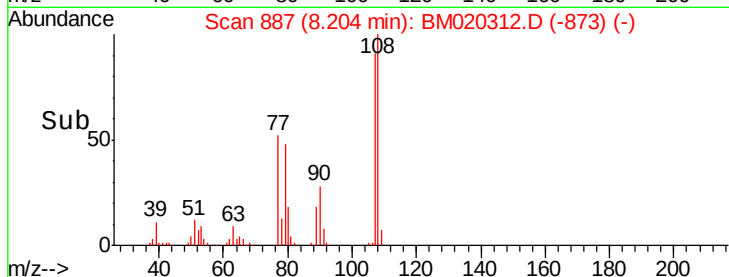
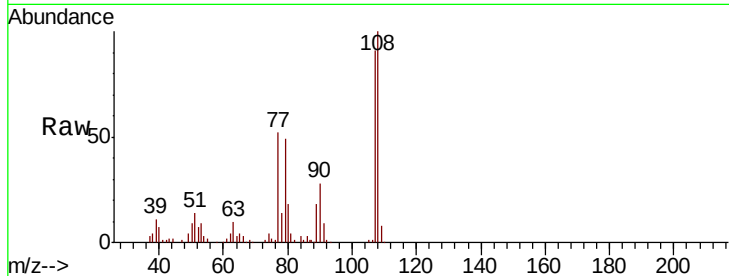
ClientSampleId :

PB119670BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	87.0	130.4	
77	57.4	54.7	82.1	
79	53.8	50.1	75.1	

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#18

Hexachloroethane

Concen: 35.026 ng

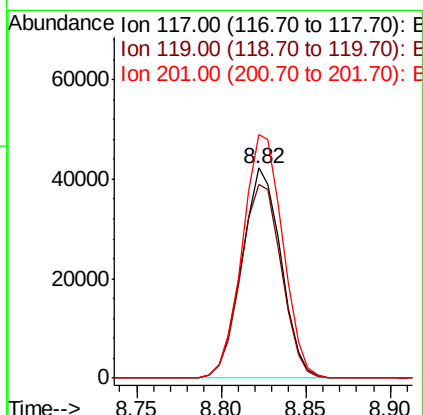
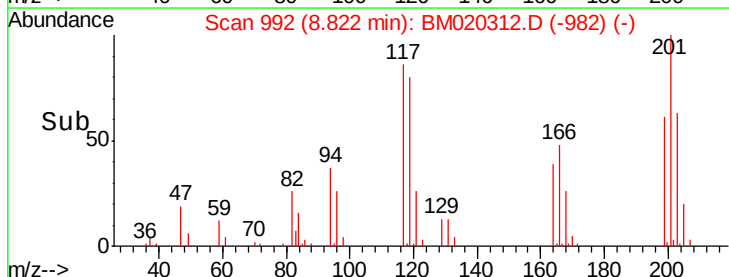
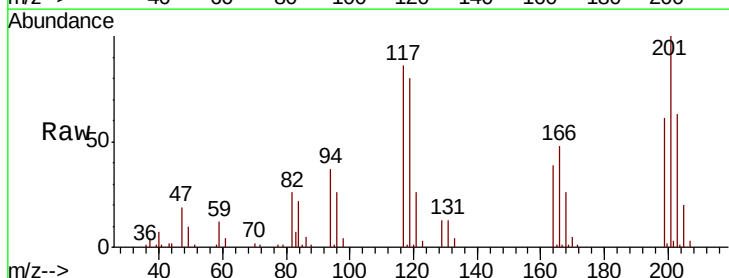
RT: 8.82 min Scan# 992

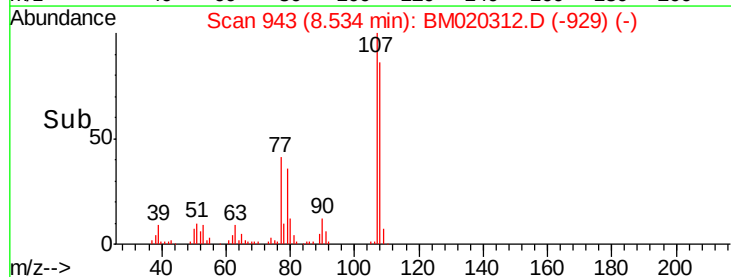
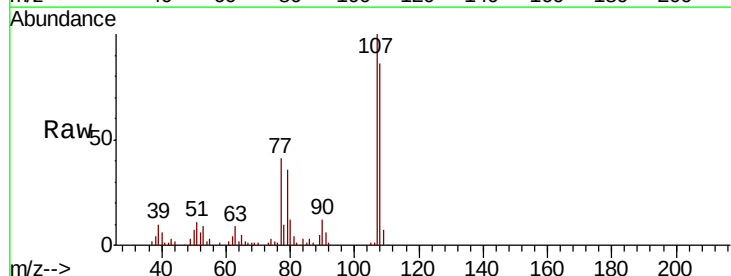
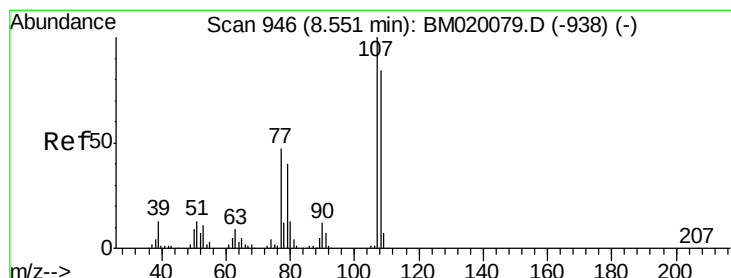
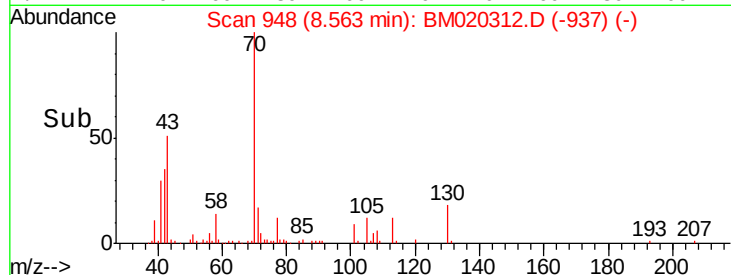
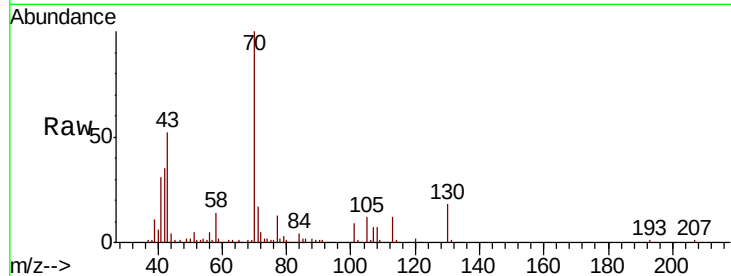
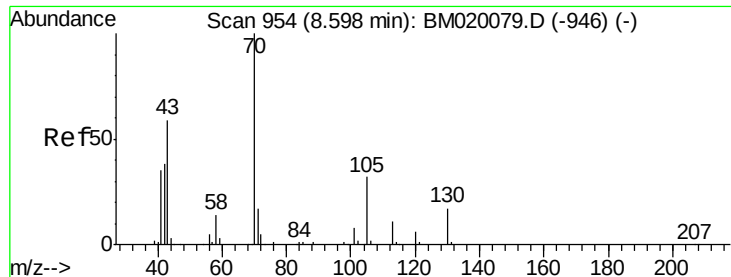
Delta R.T. -0.04 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

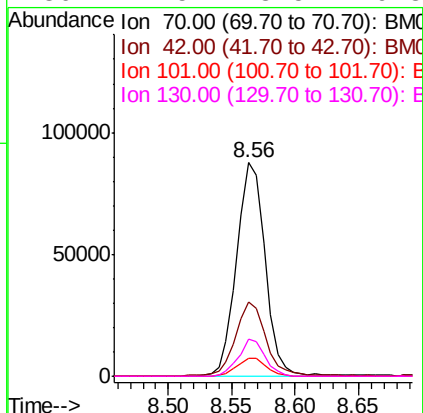
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.4	76.6	114.8	
201	115.9	90.7	136.1	





#19
n-Nitroso-di-n-propylamine
Concen: 32.202 ng
RT: 8.56 min Scan# 948
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		137690		
42	34.6	31.0	46.4		
101	8.7	6.2	9.2		
130	17.5	13.5	20.3		



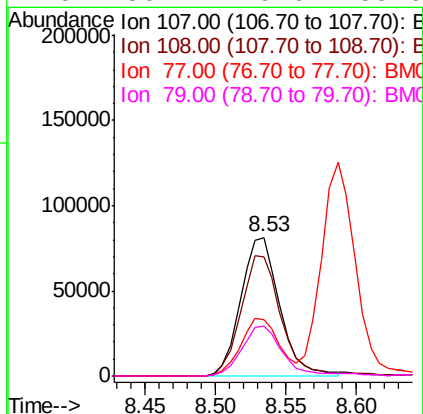
Instrument :
BNA_M
ClientSampled :
PB119670BS

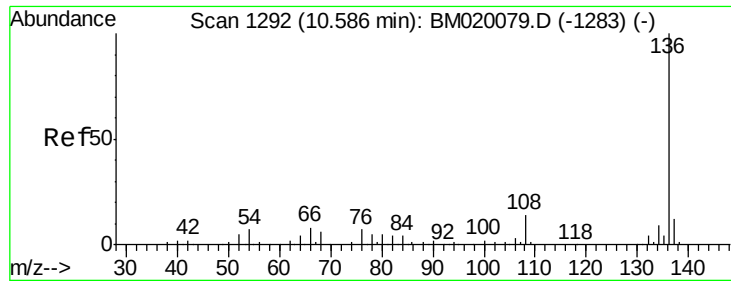
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#20
3+4-Methylphenols
Concen: 34.071 ng
RT: 8.53 min Scan# 943
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		156835		
108	86.3	64.4	104.4		
77	40.6	27.2	67.2		
79	36.2	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: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

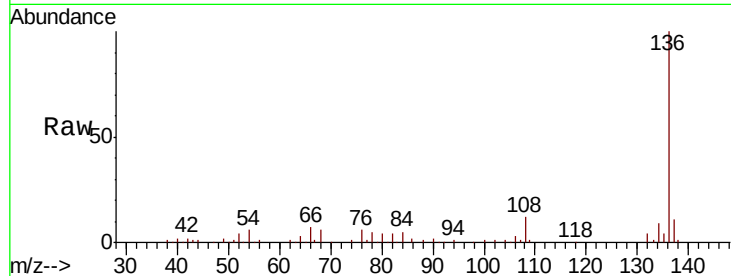
ClientSampleId :

PB119670BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	209016		
137	10.9		9.6	14.4
54	6.3		5.5	8.3
68	6.1		4.6	6.8

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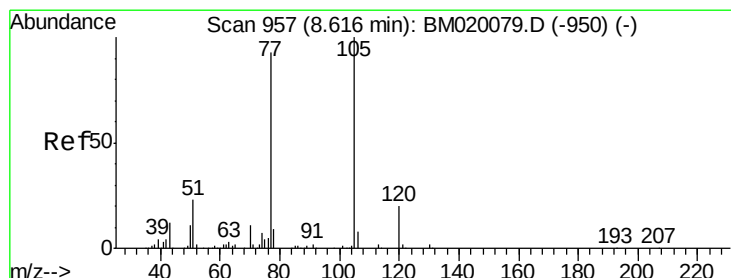
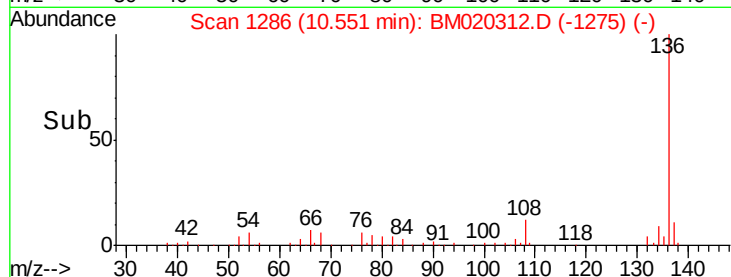
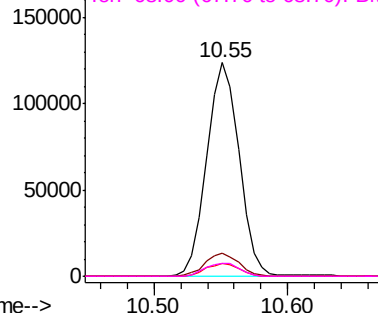
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 39.900 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227924		
71	1.1		2.2	3.2#
51	19.9		19.3	28.9
120	19.4		16.2	24.4

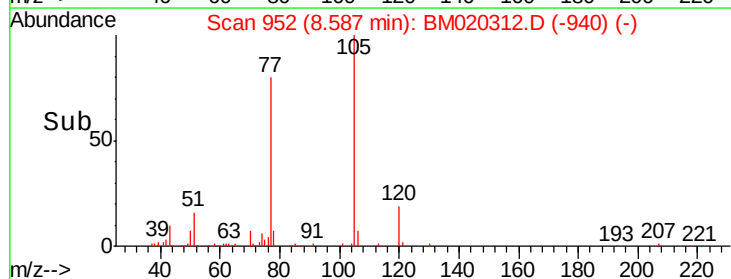
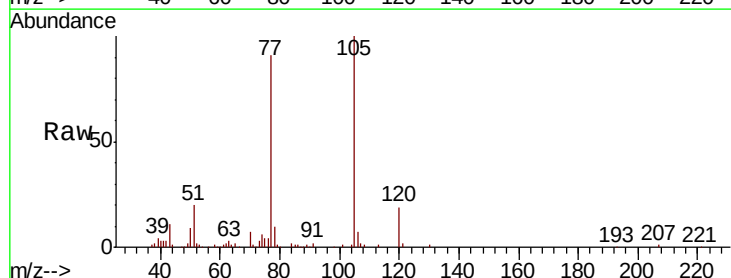
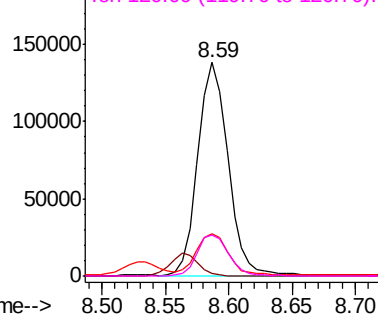
Abundance

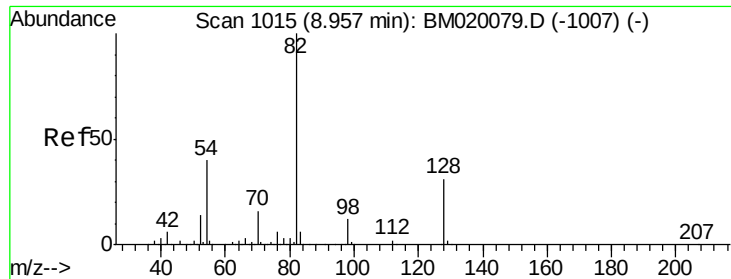
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.029 ng

RT: 8.93 min Scan# 1010

Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

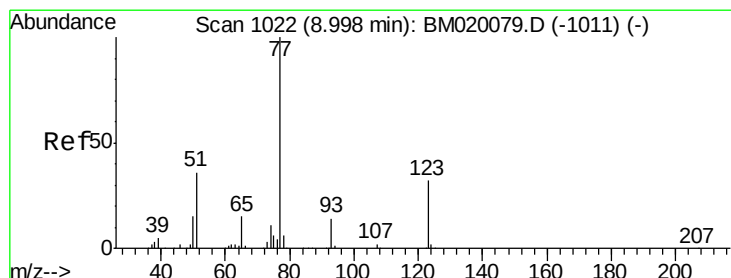
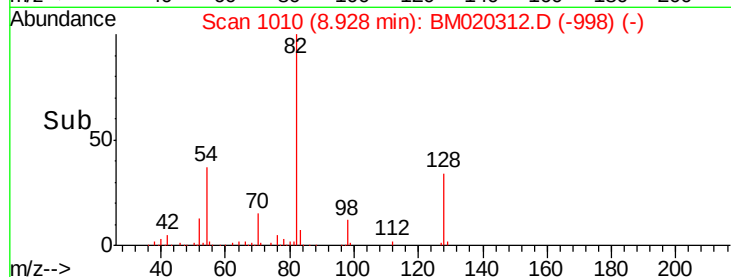
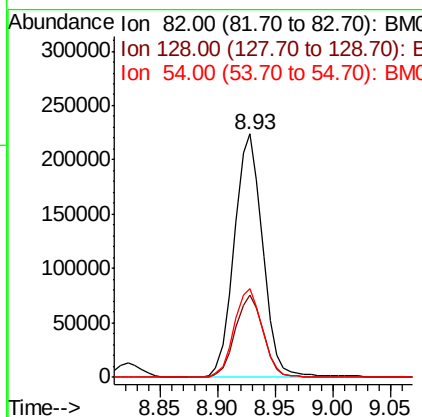
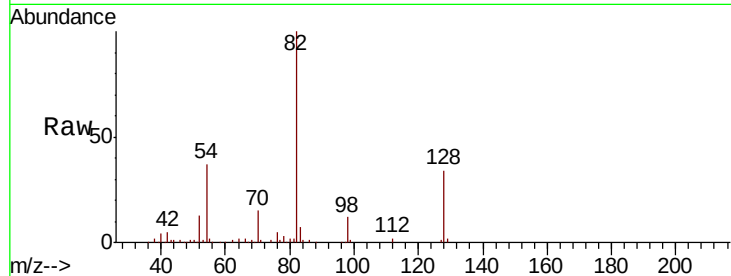
ClientSampleId :

PB119670BS

Tot Ion:	82	Resp:	381336
Ion Ratio	Lower	Upper	
82	100		
128	34.1	25.2	37.8
54	36.7	31.9	47.9

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#24

Nitrobenzene

Concen: 36.460 ng

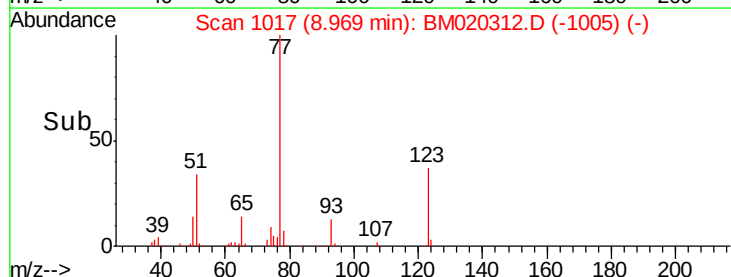
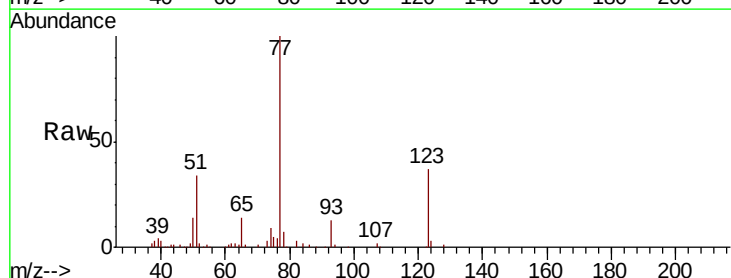
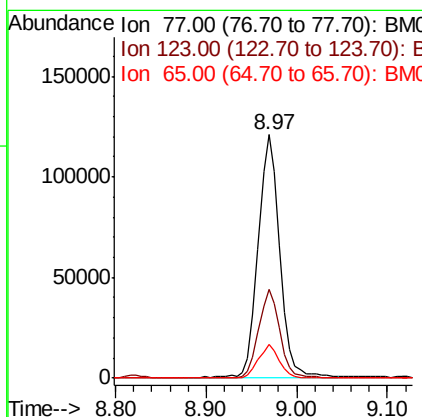
RT: 8.97 min Scan# 1017

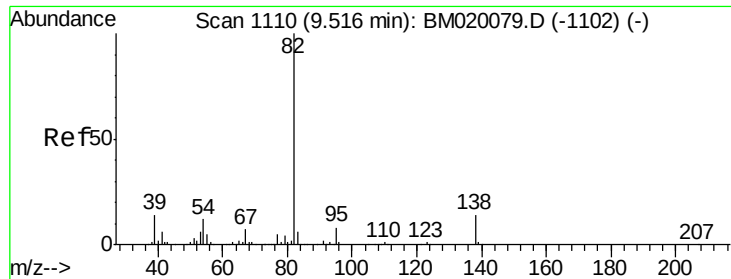
Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion:	77	Resp:	200139
Ion Ratio	Lower	Upper	
77	100		
123	36.6	25.5	38.3
65	14.1	11.8	17.6





#25

Isophorone

Concen: 37.693 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

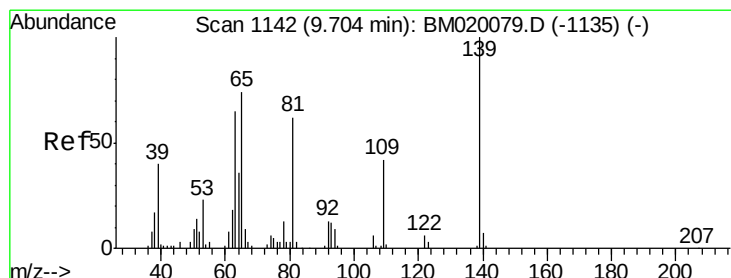
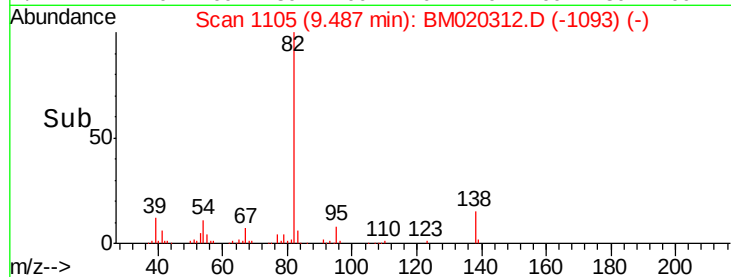
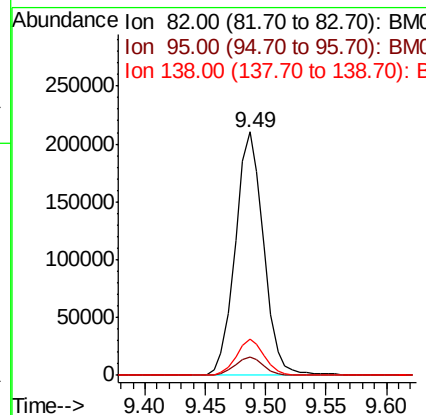
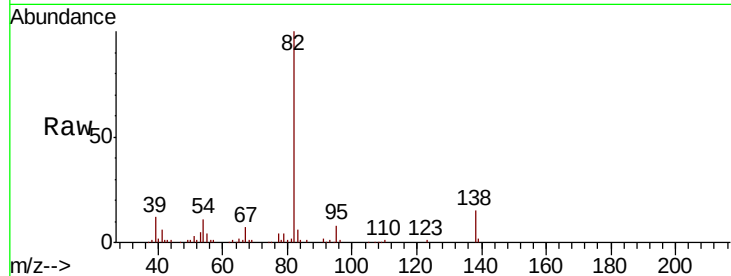
ClientSampled :

PB119670BS

Tot Ion:	82	Resp:	344130
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.4	9.6
138	14.9	11.1	16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.637 ng

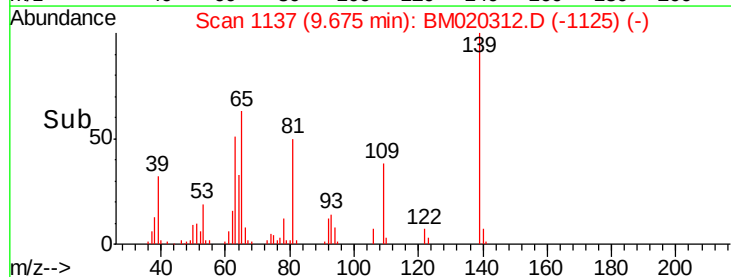
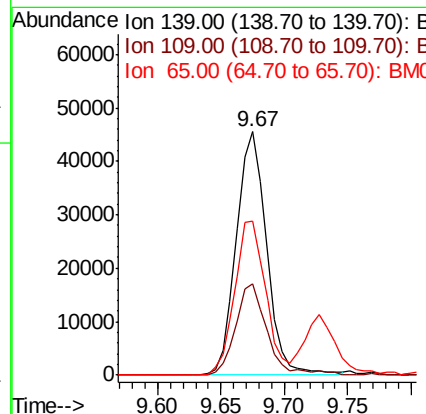
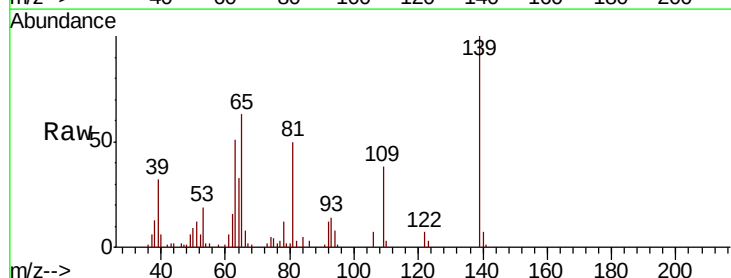
RT: 9.67 min Scan# 1137

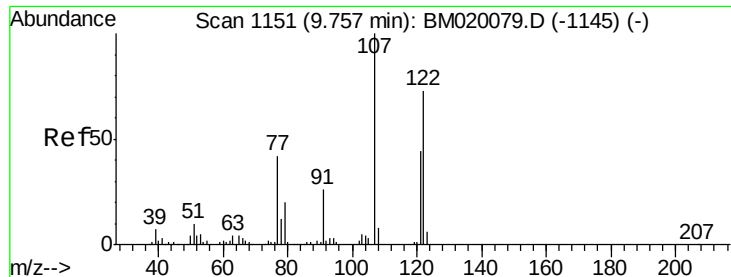
Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion:	139	Resp:	75629
Ion Ratio	Lower	Upper	
139	100		
109	37.7	33.7	50.5
65	63.0	59.5	89.3





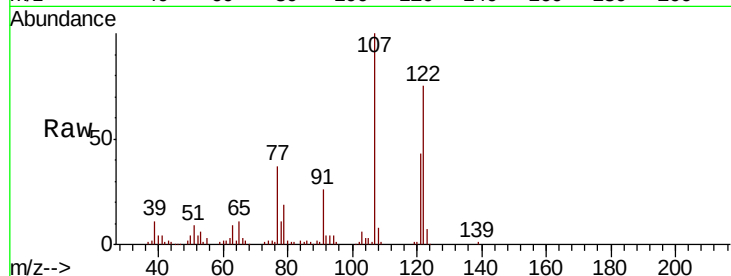
#27
2,4-Dimethylphenol
Concen: 44.808 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampled :
PB119670BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	133.5	108.6	162.8		
121	57.7	47.4	71.2		

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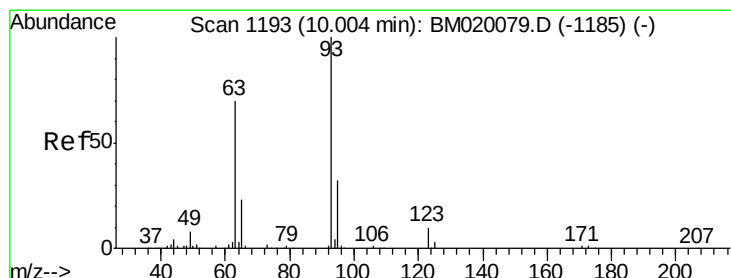
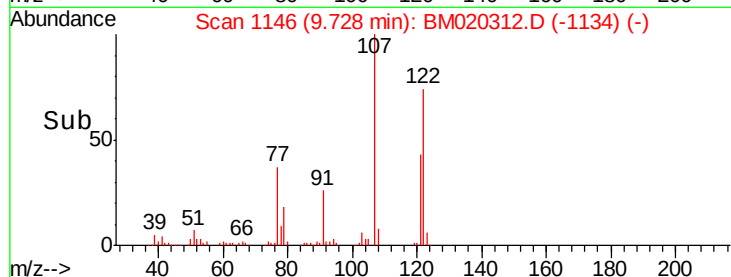
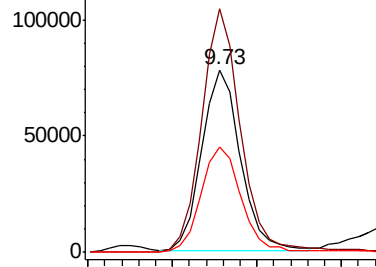


Abundance

Ion 122.00 (121.70 to 122.70): E

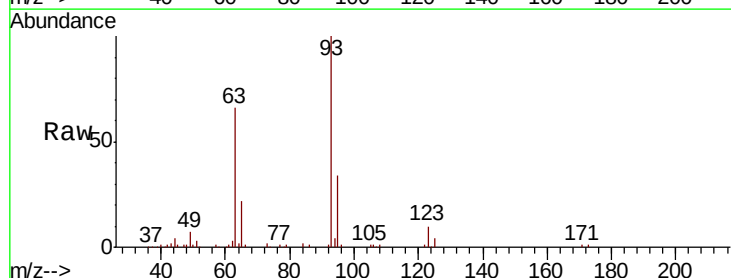
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.732 ng
RT: 9.97 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.9	25.5	38.3		
123	10.4	7.6	11.4		

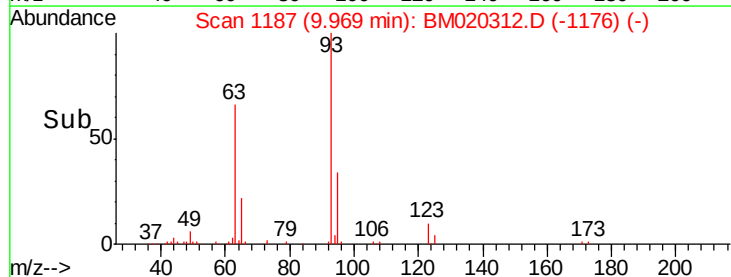
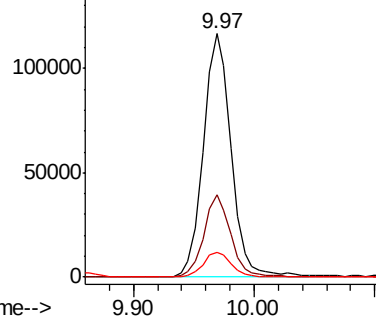


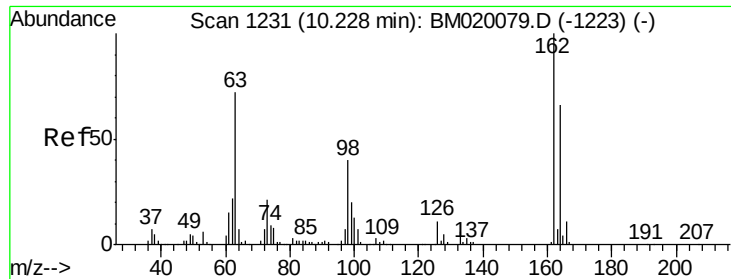
Abundance

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





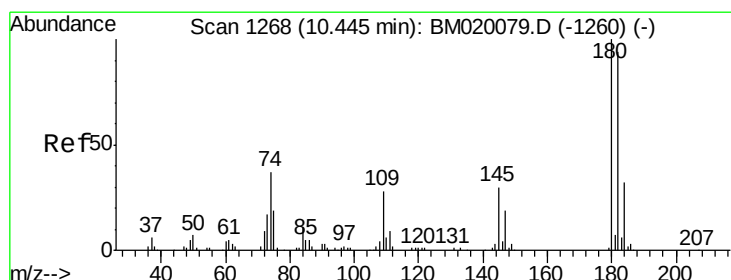
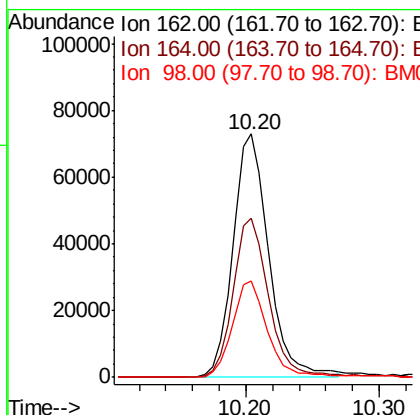
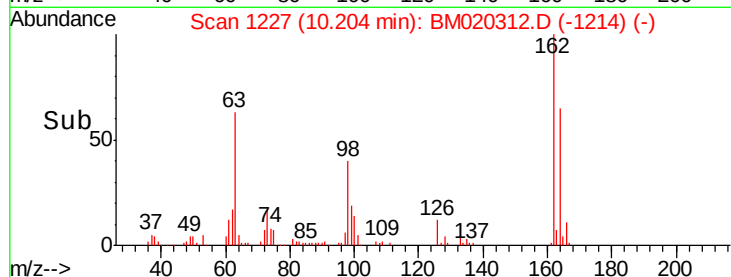
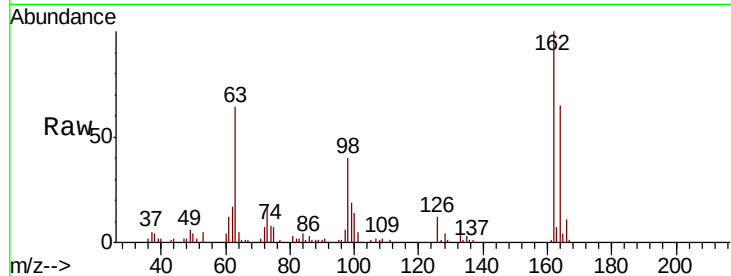
#29
2,4-Dichlorophenol
Concen: 38.844 ng
RT: 10.20 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampled :
PB119670BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	135138		
164	65.4	45.6	85.6	
98	39.6	20.4	60.4	

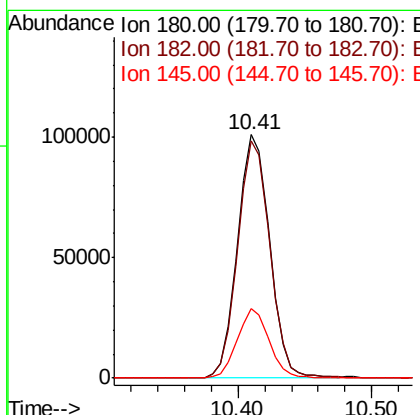
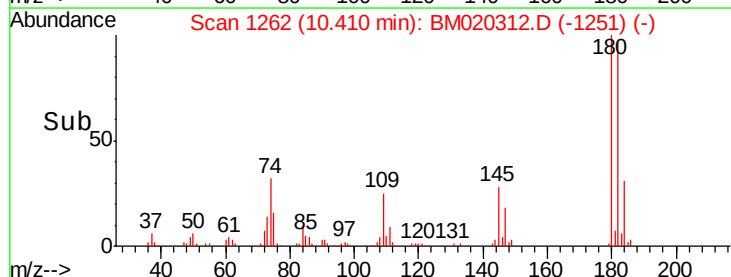
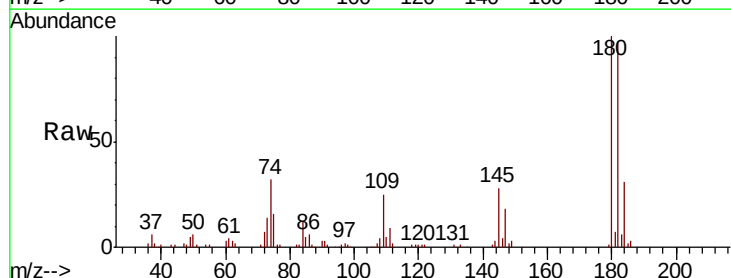
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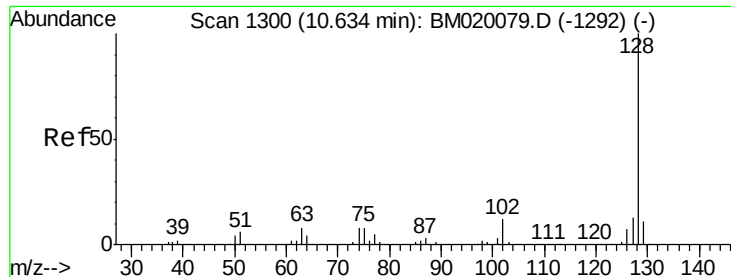
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.376 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	168560		
182	97.4	75.4	113.0	
145	28.4	23.8	35.8	





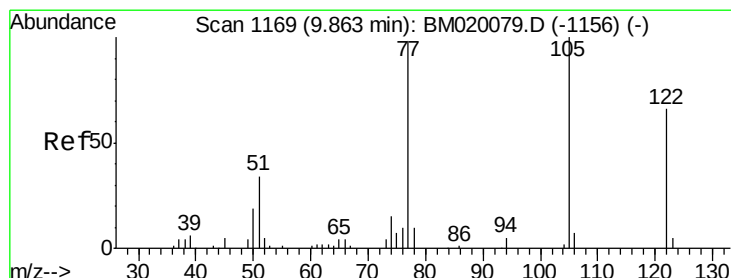
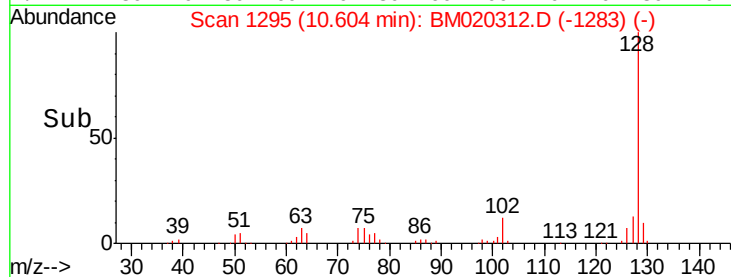
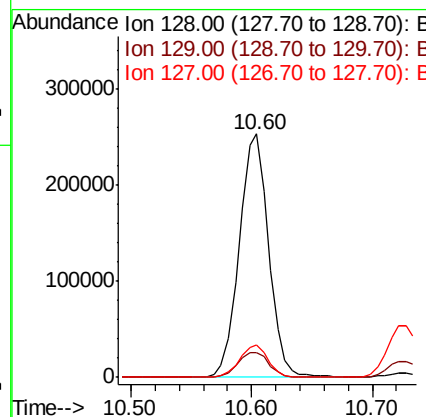
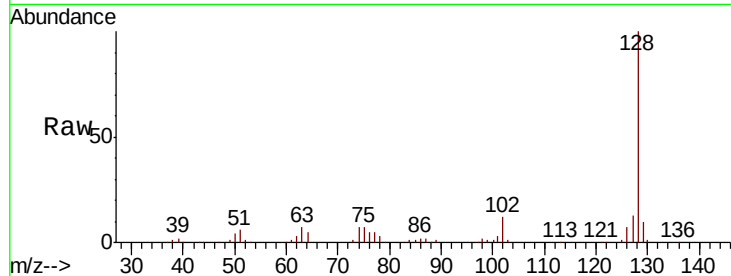
#31
Naphthalene
Concen: 39.589 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.4
127	13.1	10.4	15.6

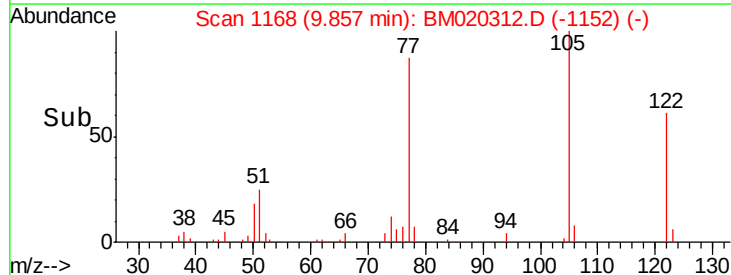
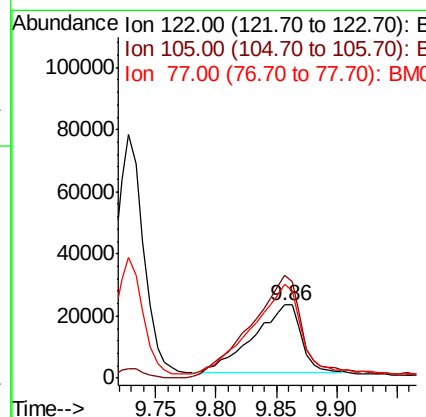
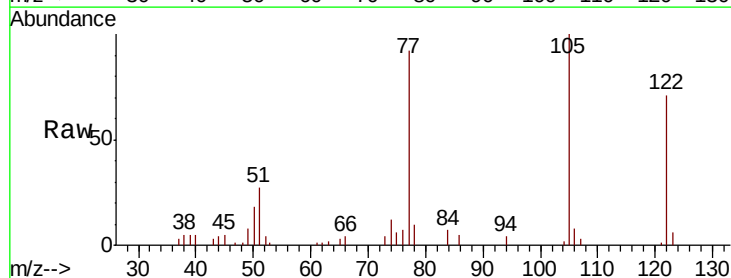
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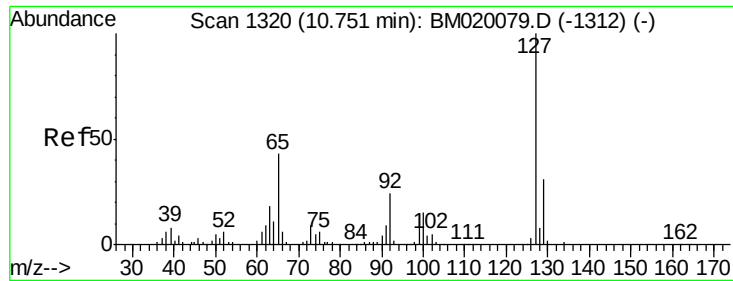
mohammad
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#32
Benzoic acid
Concen: 33.471 ng
RT: 9.86 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.0	122.5	162.5
77	129.2	123.3	163.3





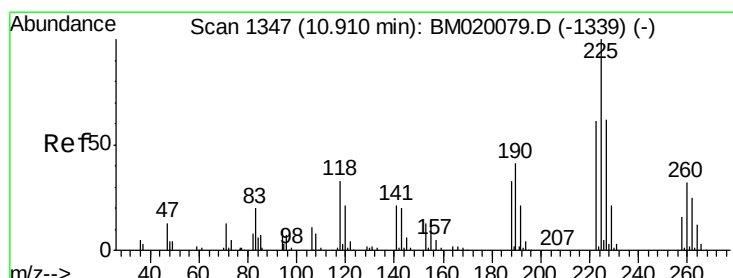
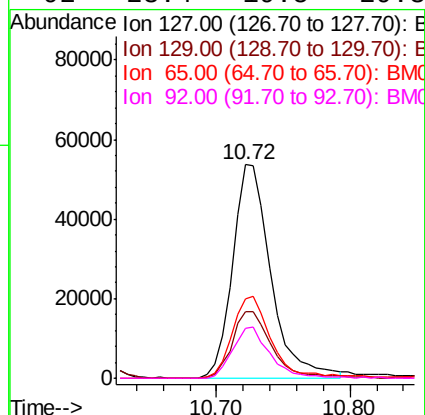
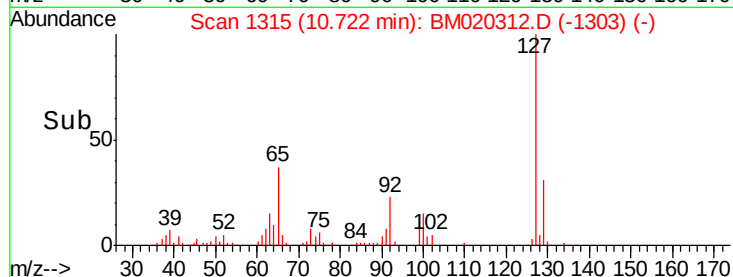
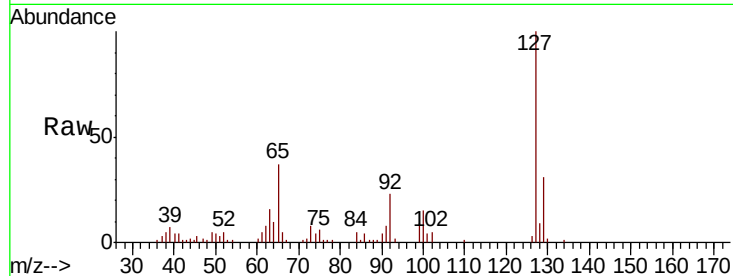
#33
4-Chloroaniline
Concen: 23.993 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	24.7	37.1		
65	37.4	34.6	52.0		
92	23.4	19.5	29.3		

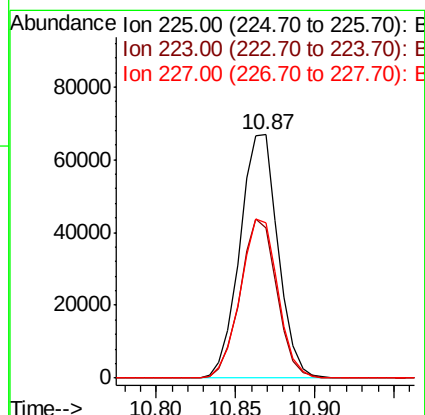
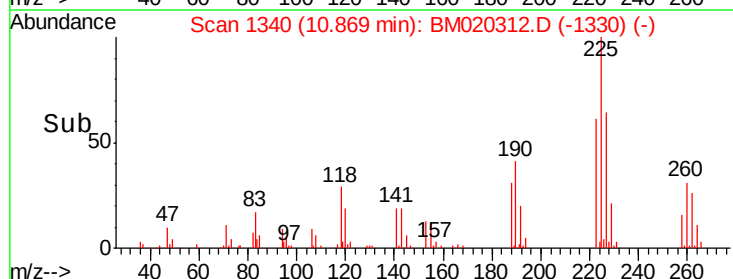
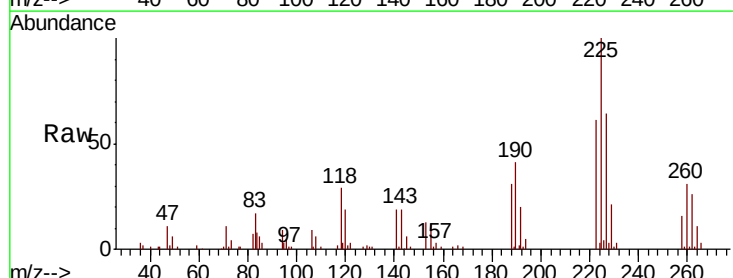
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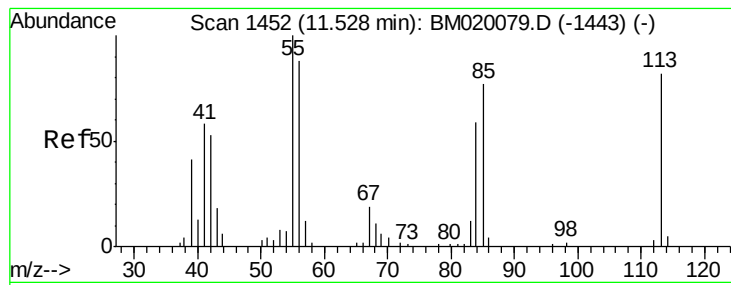
mohammad
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#34
Hexachlorobutadiene
Concen: 36.924 ng
RT: 10.87 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	48.9	73.3		
227	63.7	49.6	74.4		





#35

Caprolactam

Concen: 41.046 ng/mL

RT: 11.53 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

ClientSampleId :

PB119670BS

Tot Ion:113 Resp: 42699

Ion Ratio Lower Upper

113 100

55 119.5 102.5 142.5

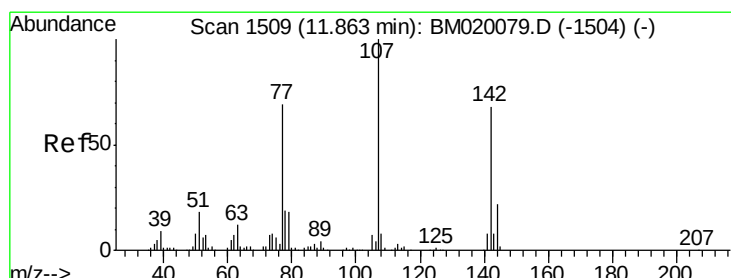
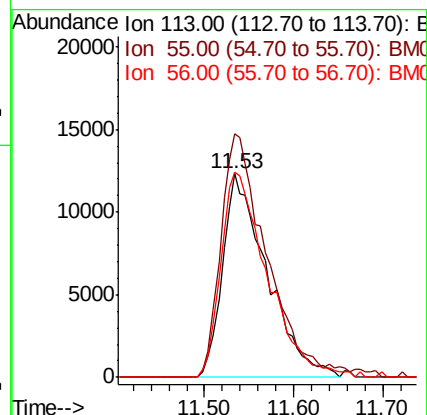
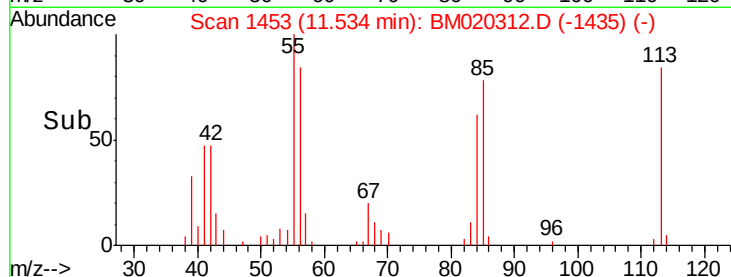
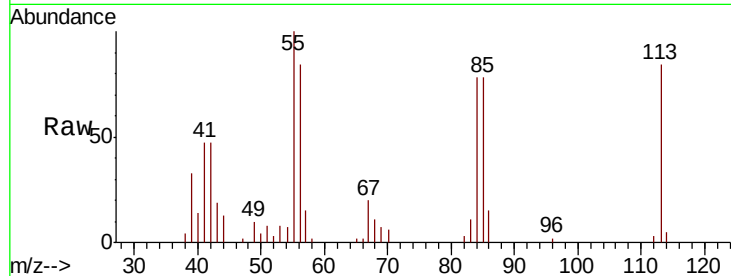
56 100.7 87.7 127.7

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#36

4-Chloro-3-methylphenol

Concen: 35.321 ng/mL

RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

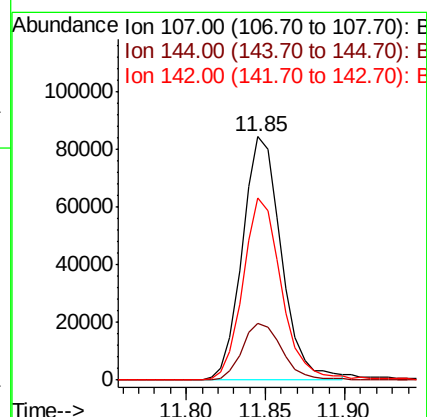
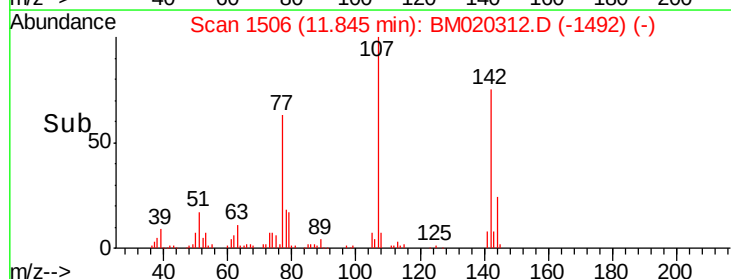
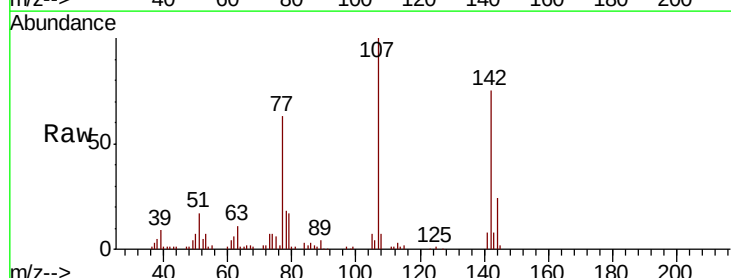
Tgt Ion:107 Resp: 144405

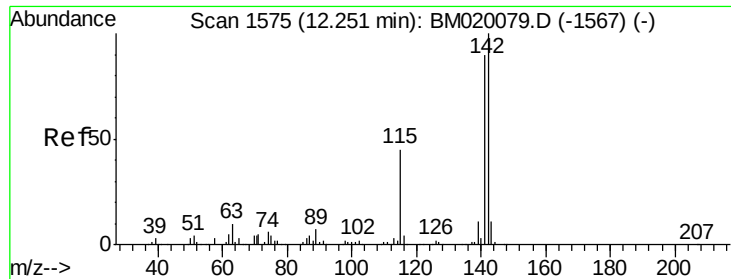
Ion Ratio Lower Upper

107 100

144 23.6 17.6 26.4

142 74.7 54.6 82.0





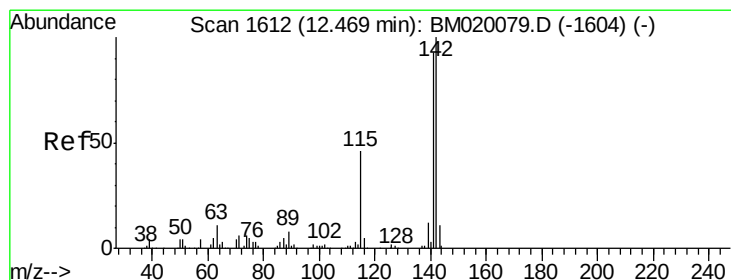
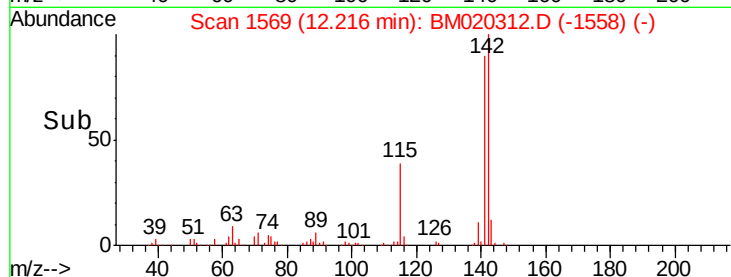
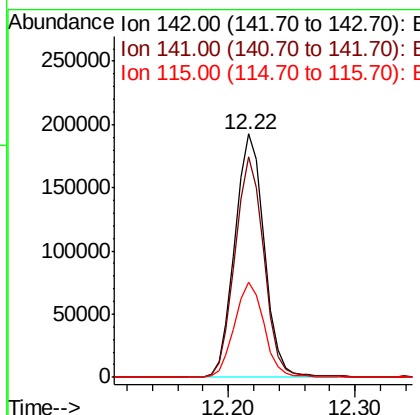
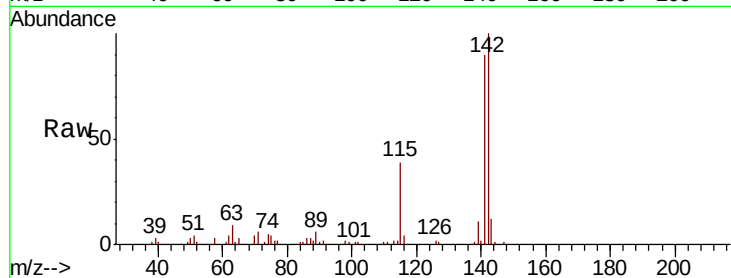
#37
2-Methylnaphthalene
Concen: 39.256 ng
RT: 12.22 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleID :
PB119670BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.6	107.4
115	39.3	35.8	53.6

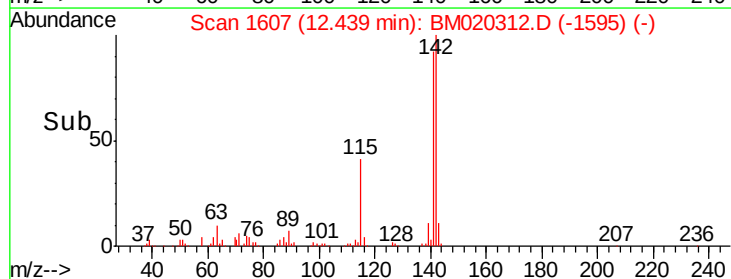
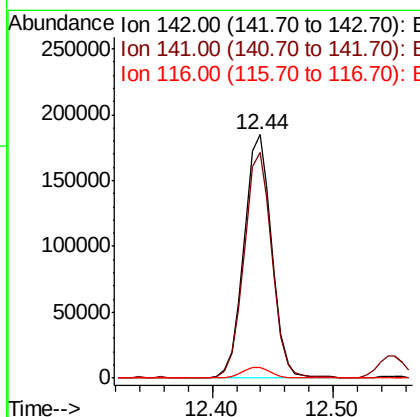
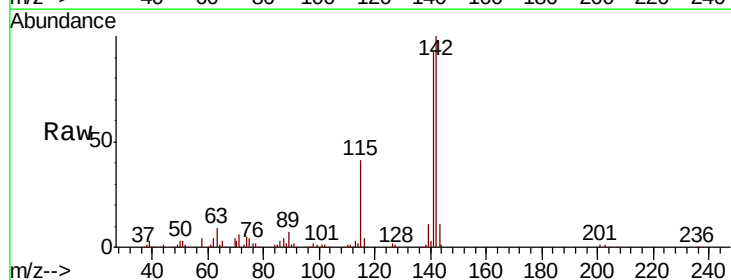
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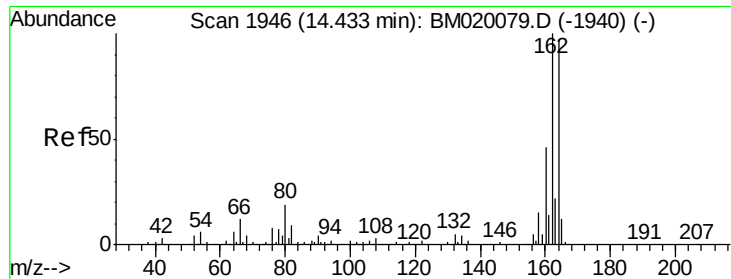
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#38
1-Methylnaphthalene
Concen: 38.157 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.8	112.2
116	4.3	3.9	5.9





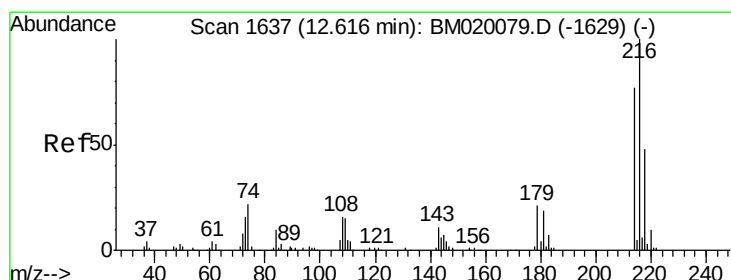
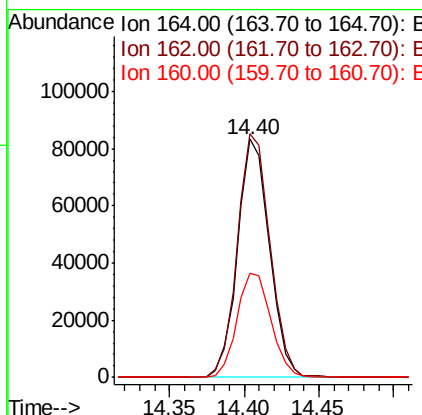
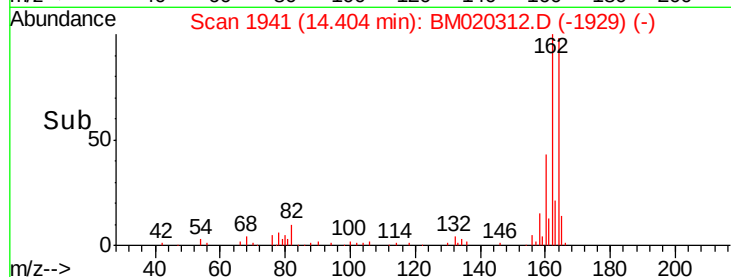
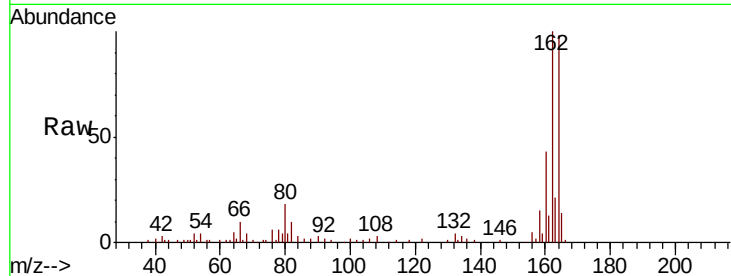
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampled :
PB119670BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.2
160	43.7	37.6	56.4

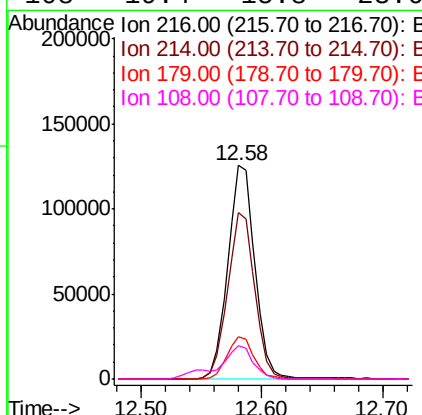
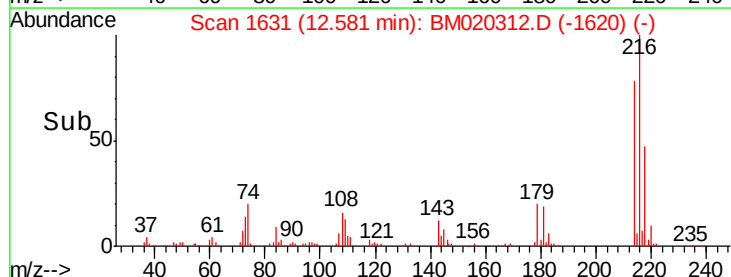
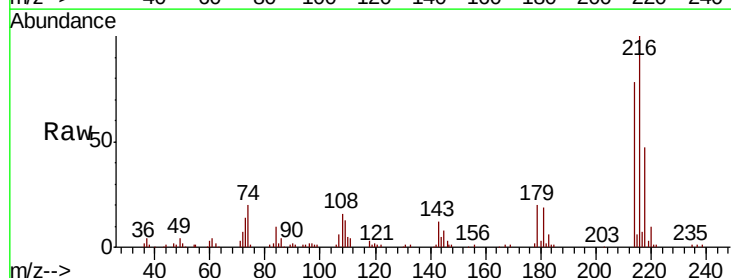
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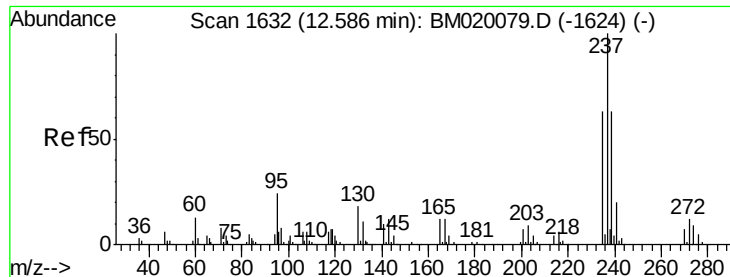
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.495 ng
RT: 12.58 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	94.0
179	19.5	17.1	25.7
108	19.4	15.8	23.6





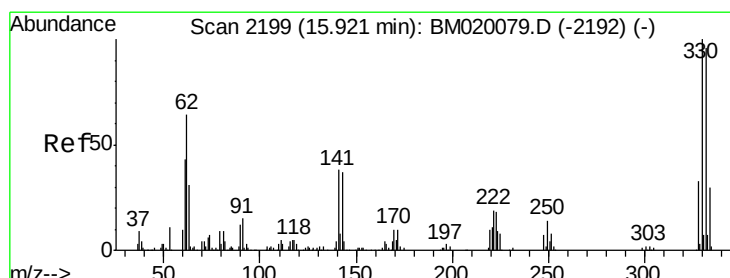
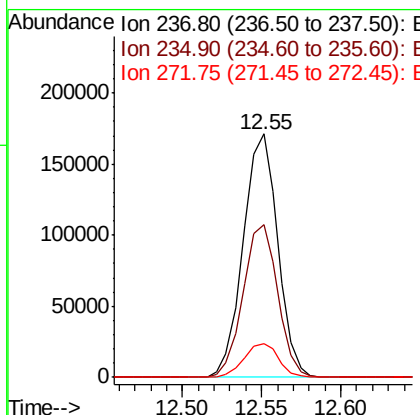
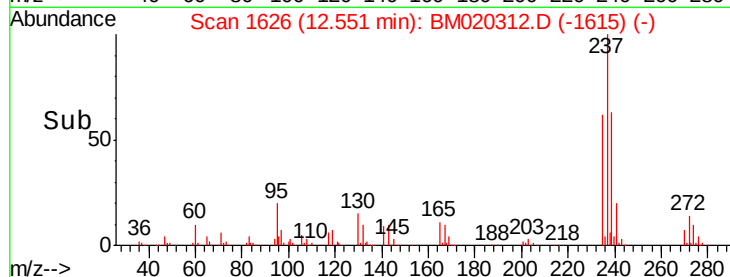
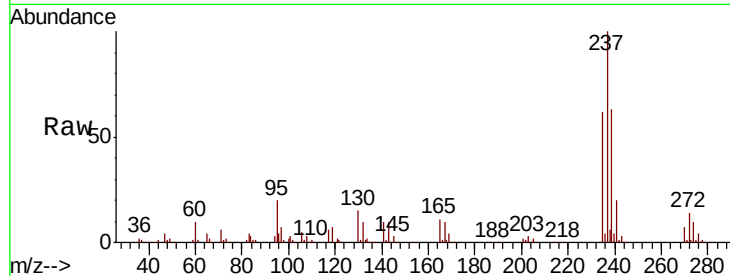
#41
Hexachlorocyclopentadiene
Concen: 90.779 ng
RT: 12.55 min Scan# 1626
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	43.4	83.4
272	13.6	0.0	31.7

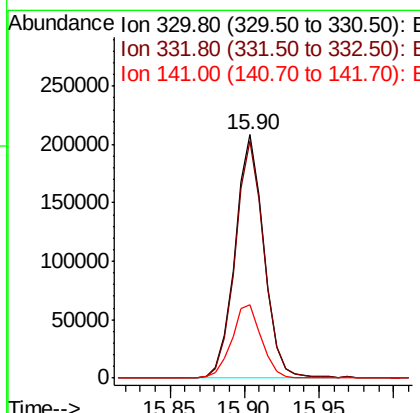
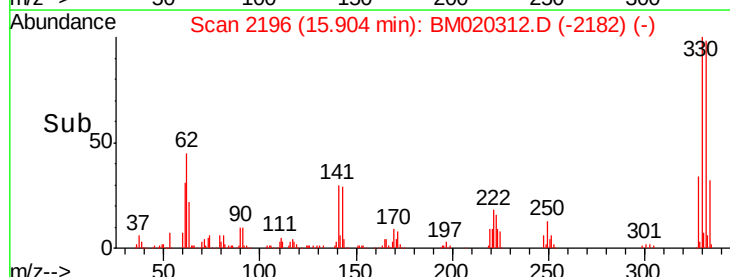
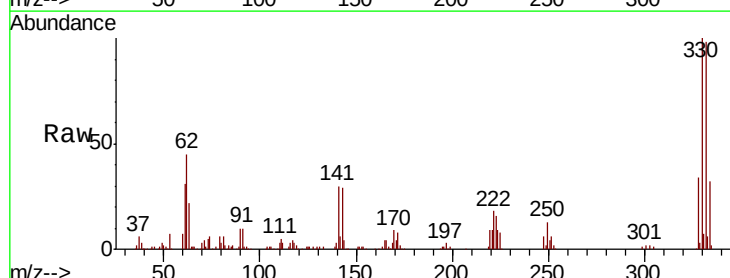
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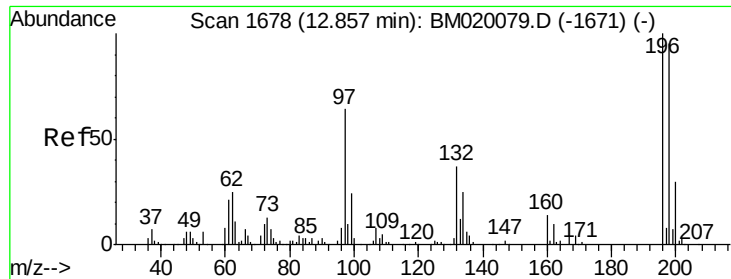
mohammad
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#42
2,4,6-Tribromophenol
Concen: 146.345 ng
RT: 15.90 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.4	76.8	115.2
141	31.5	29.2	43.8





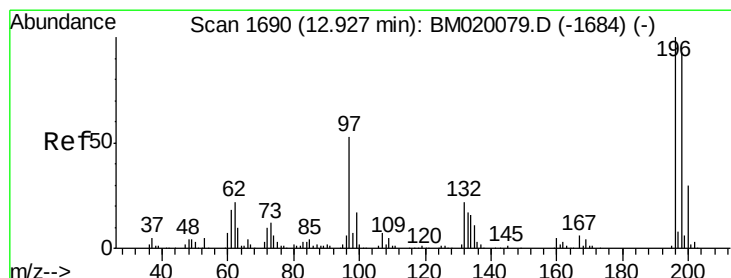
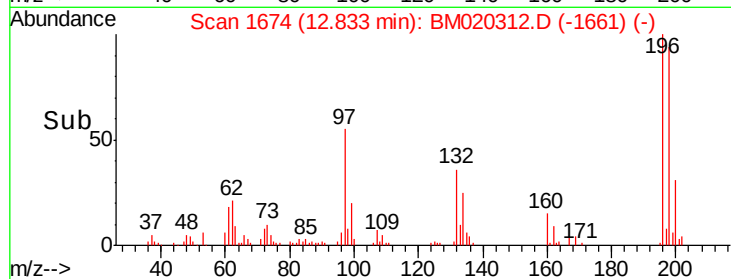
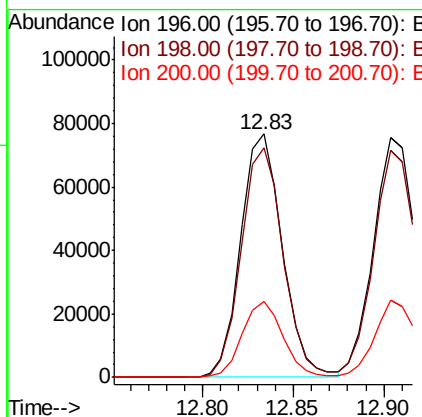
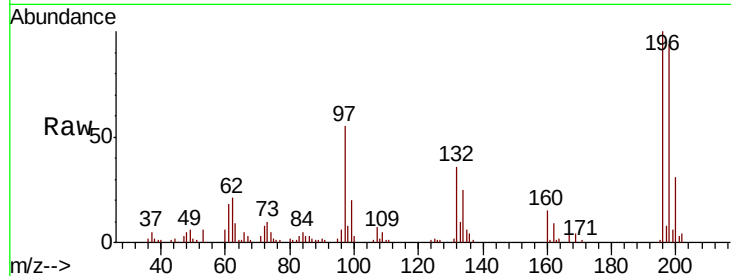
#43
 2,4,6-Trichlorophenol
 Concen: 44.635 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Instrument :
 BNA_M
 ClientSampleID :
 PB119670BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	122699		
198	94.2	76.2	114.2	
200	31.1	24.3	36.5	

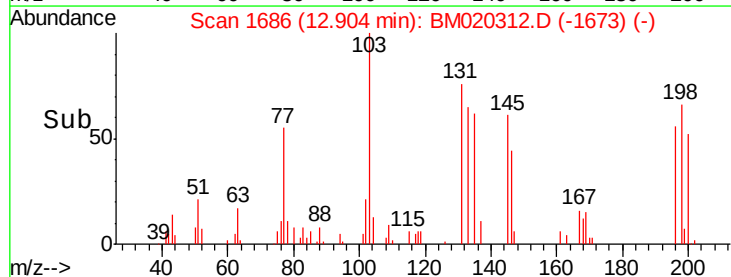
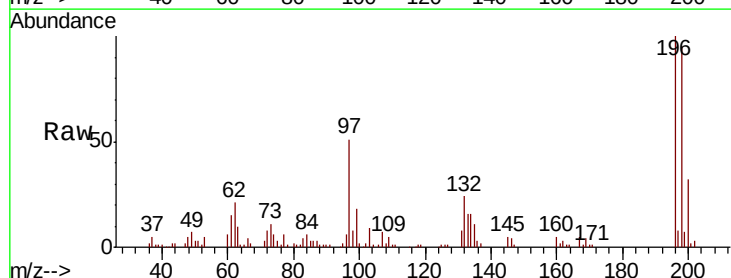
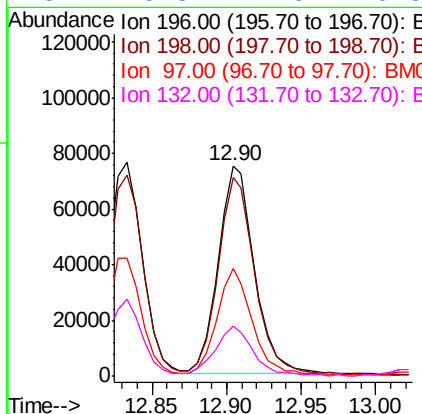
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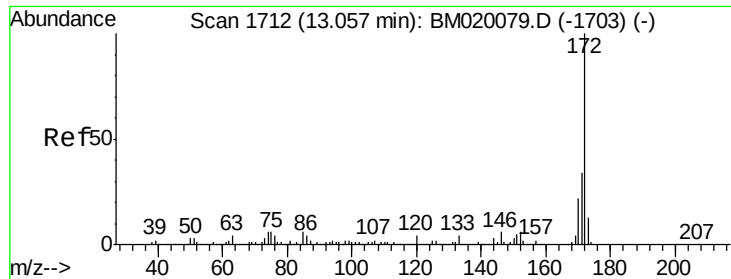
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.873 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125520		
198	94.6	74.7	112.1	
97	51.0	42.2	63.4	
132	23.8	17.8	26.8	





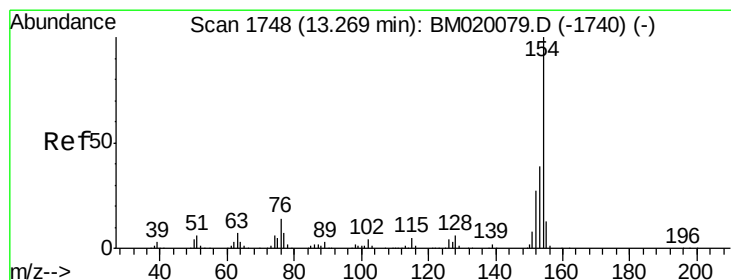
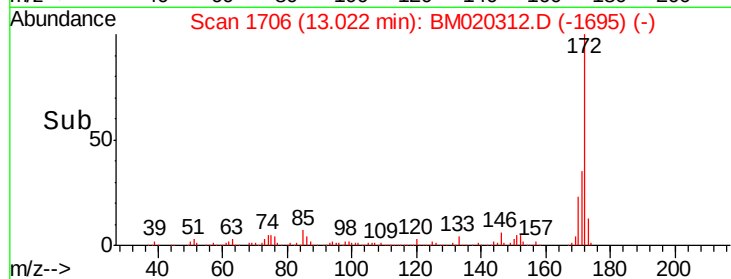
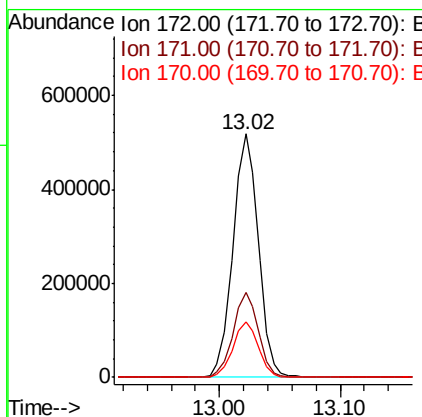
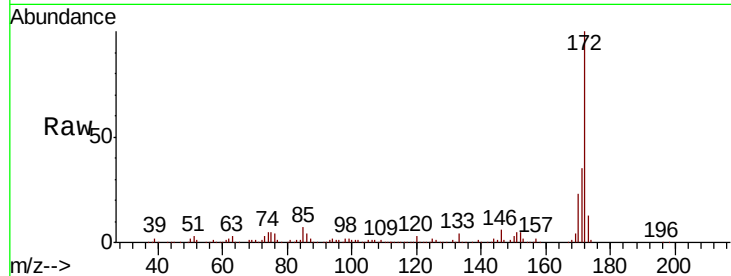
#45
2-Fluorobiphenyl
Concen: 75.771 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	22.7	17.9	26.9

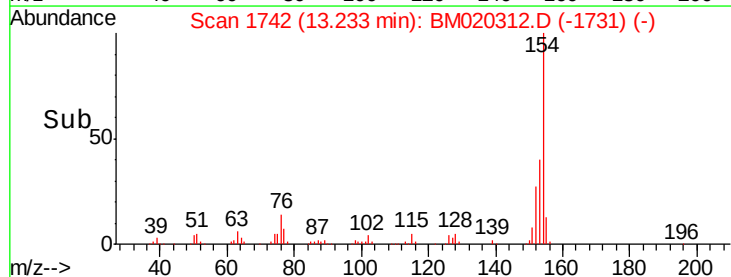
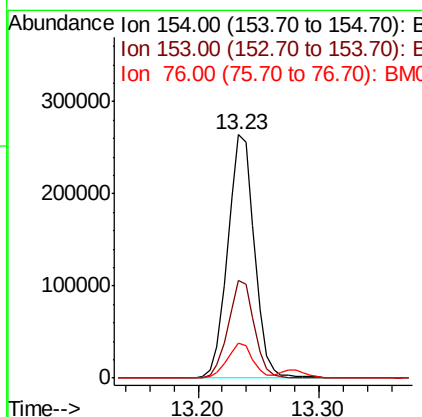
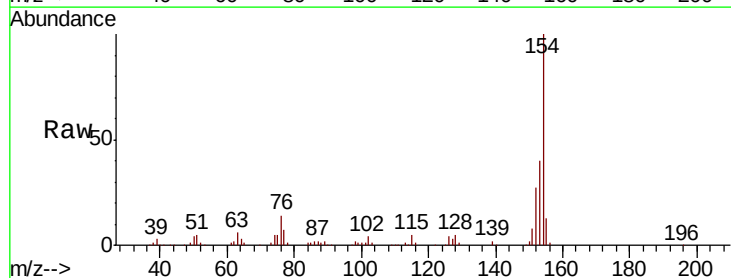
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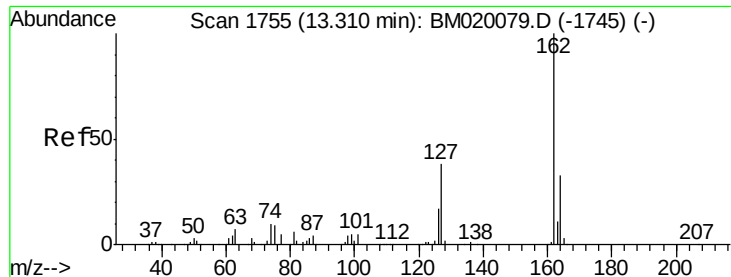
mohammad
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#46
1,1'-Biphenyl
Concen: 39.851 ng
RT: 13.23 min Scan# 1742
Delta R.T. -0.04 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.4	59.4
76	14.4	0.0	34.5





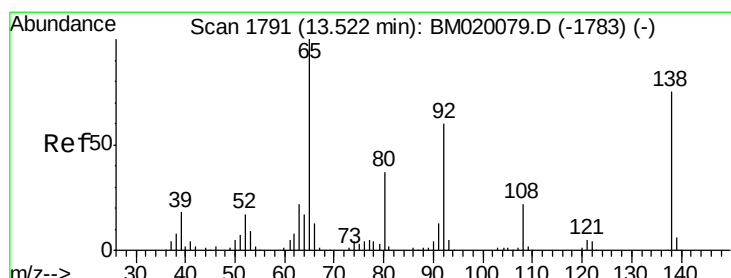
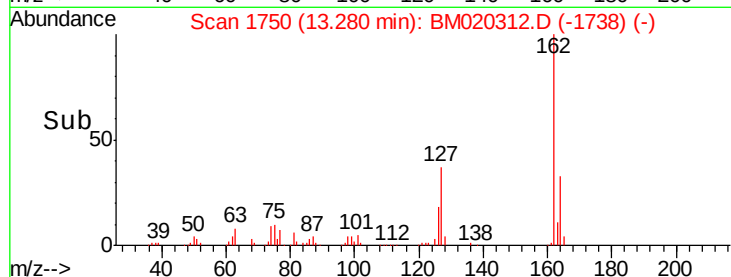
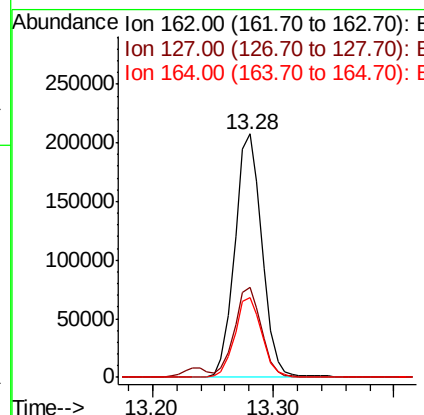
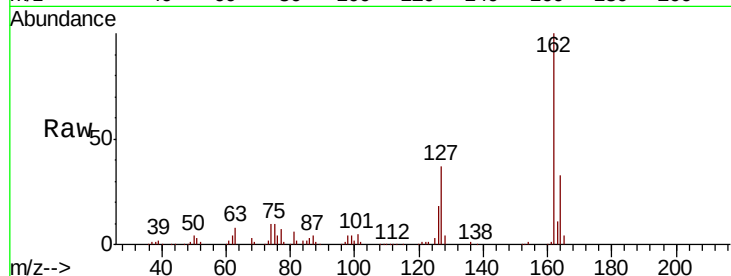
#47
2-Chloronaphthalene
Concen: 40.106 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampled :
PB119670BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.1	31.0	46.4	
164	32.9	26.2	39.2	

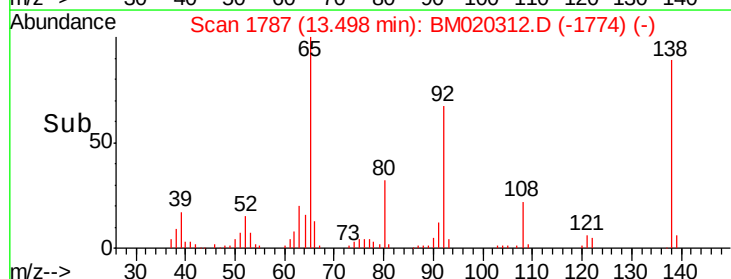
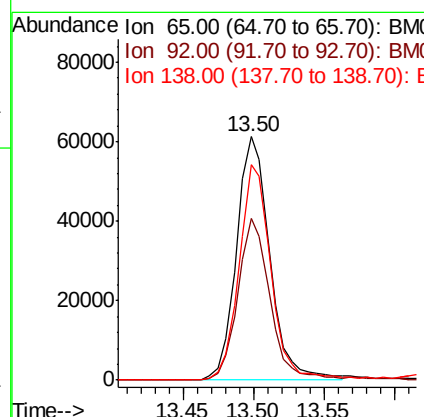
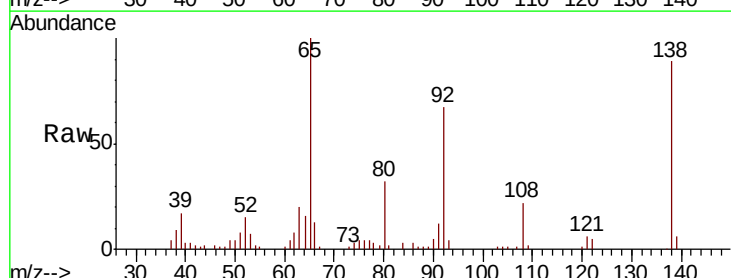
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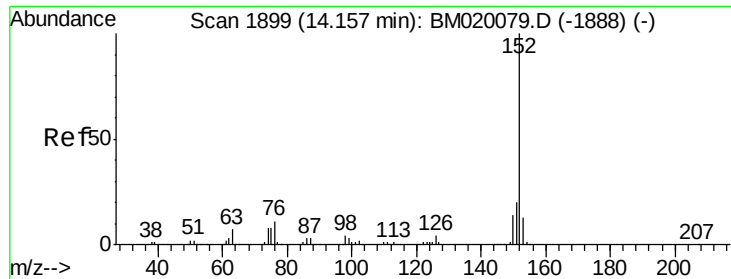
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#48
2-Nitroaniline
Concen: 34.901 ng
RT: 13.50 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.6	48.2	72.4	
138	88.6	60.3	90.5	





#49

Acenaphthylene

Concen: 38.126 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

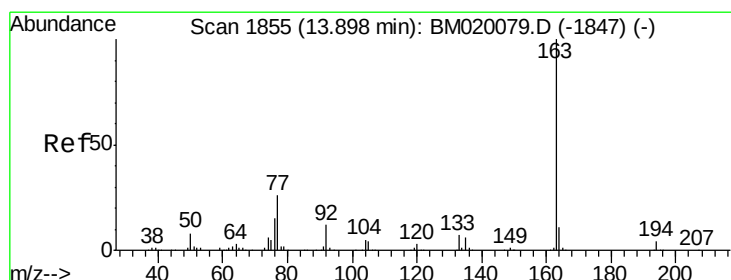
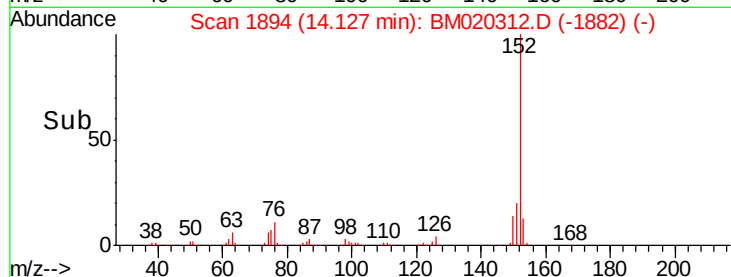
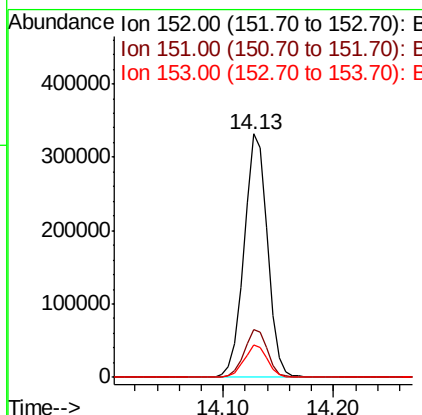
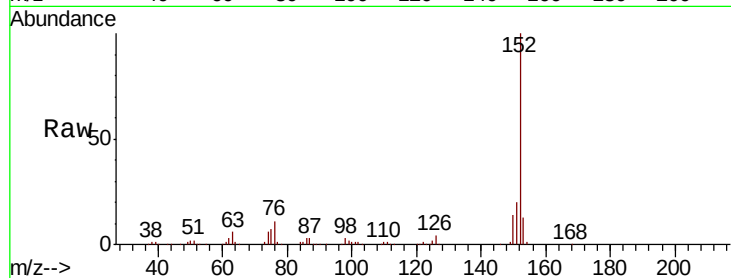
ClientSampleId :

PB119670BS

Tot Ion:	152	Resp:	495739
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	13.2	10.6	16.0

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#50

Dimethylphthalate

Concen: 38.588 ng

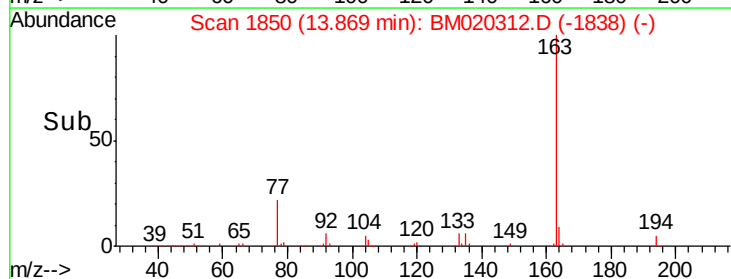
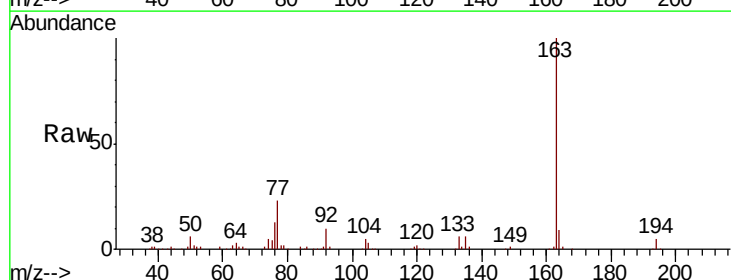
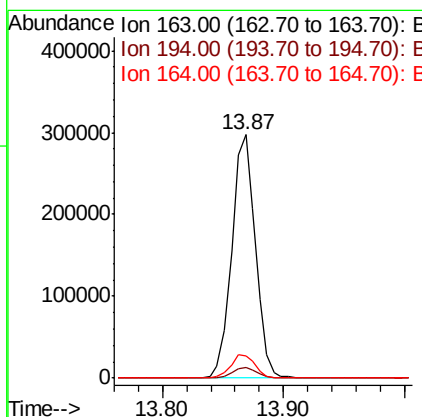
RT: 13.87 min Scan# 1850

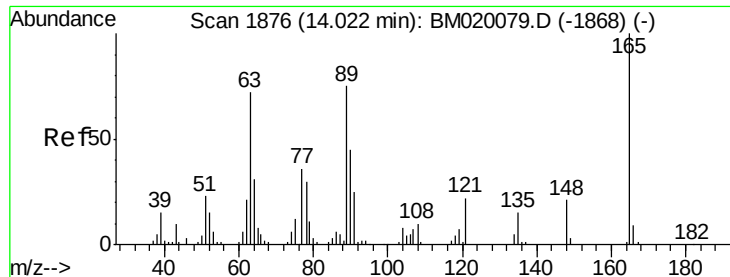
Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion:	163	Resp:	405470
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	9.3	8.4	12.6





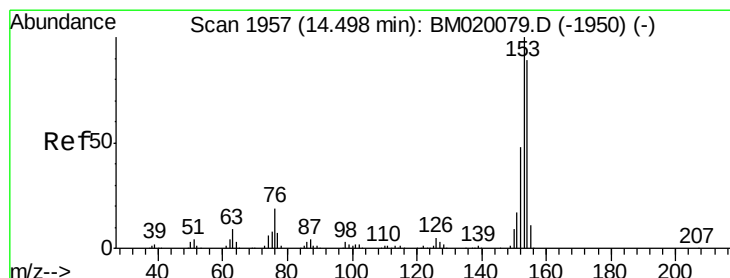
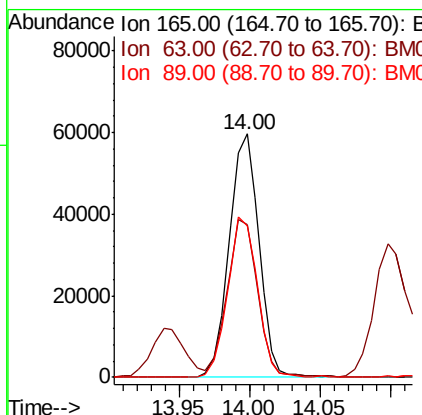
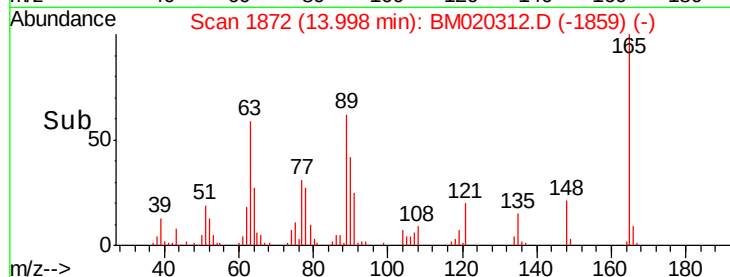
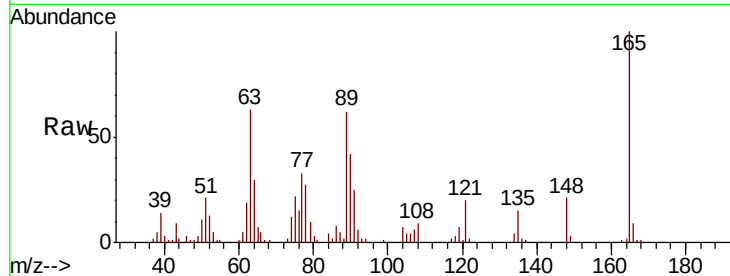
#51
2,6-Dinitrotoluene
Concen: 39.629 ng
RT: 14.00 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion:	165	Resp:	87705
Ion Ratio	Lower	Upper	
165	100		
63	62.8	60.3	90.5
89	62.2	59.8	89.6

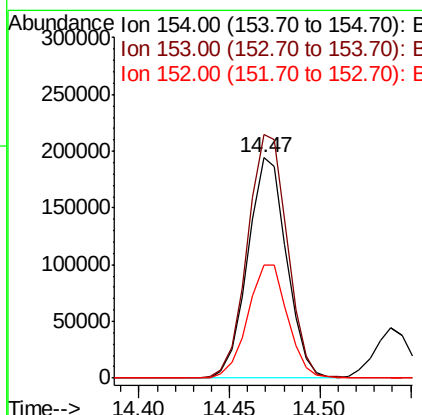
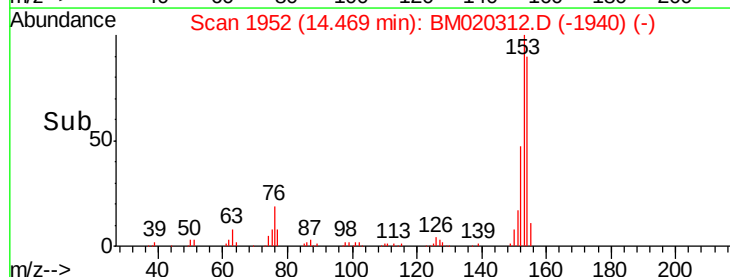
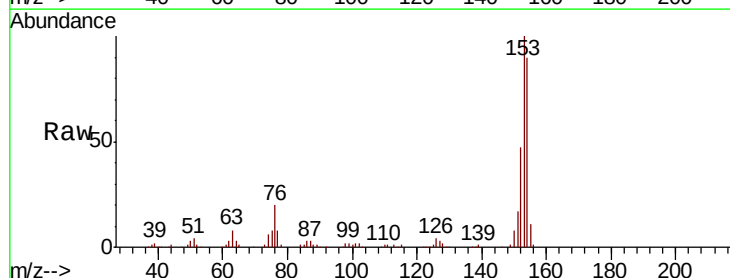
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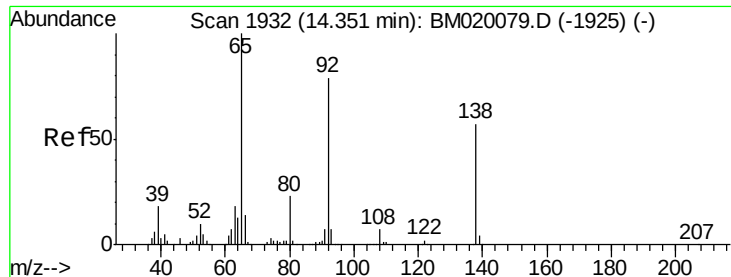
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#52
Acenaphthene
Concen: 38.738 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion:	154	Resp:	288851
Ion Ratio	Lower	Upper	
154	100		
153	110.7	90.2	135.2
152	51.7	43.0	64.4





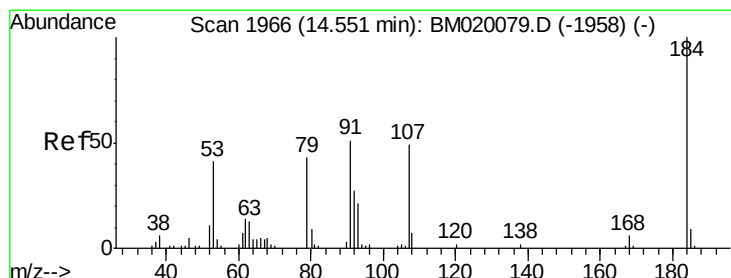
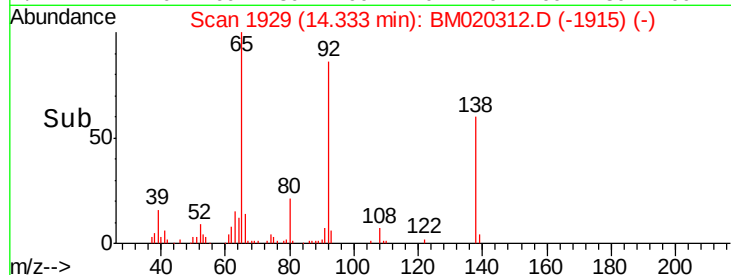
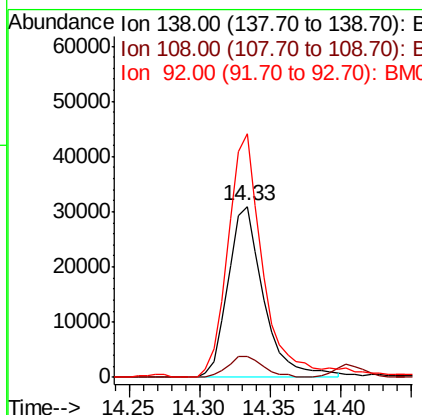
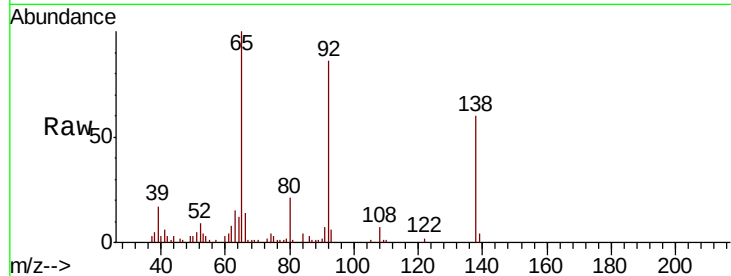
#53
 3-Nitroaniline
 Concen: 26.431 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Instrument :
 BNA_M
 ClientSampleId :
 PB119670BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	10.4	15.6
92	142.6	111.3	166.9

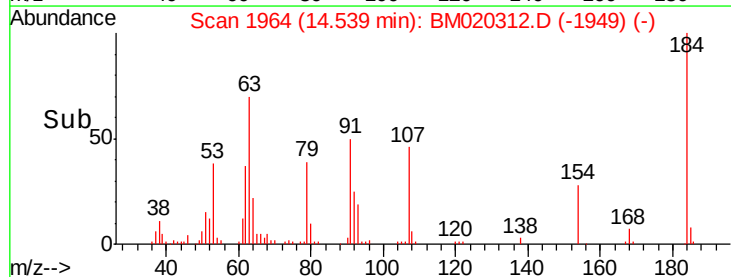
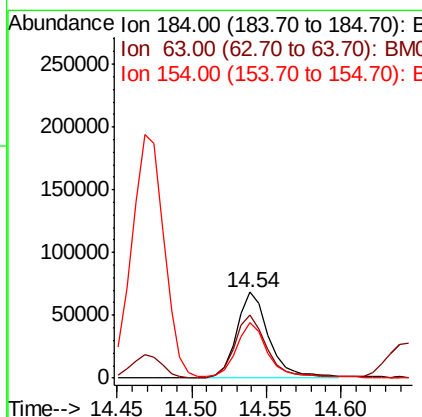
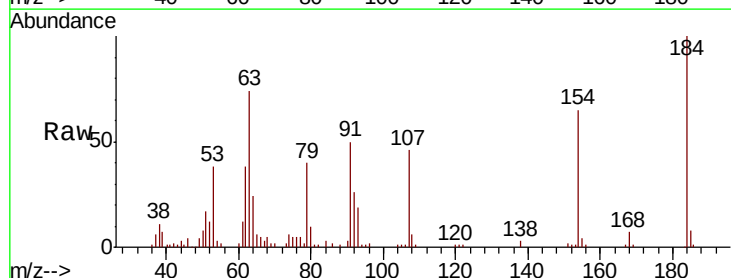
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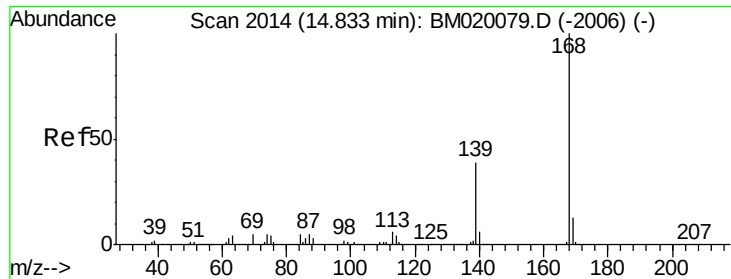
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#54
 2,4-Dinitrophenol
 Concen: 91.966 ng
 RT: 14.54 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.8	68.9	103.3
154	64.7	54.4	81.6





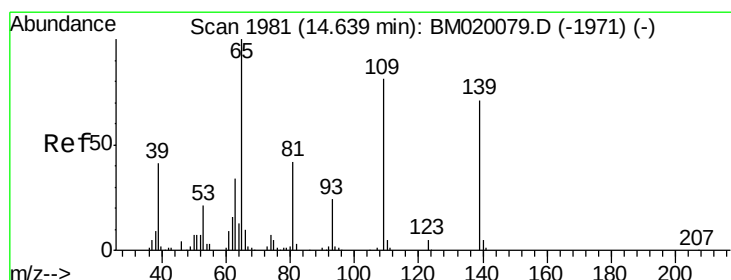
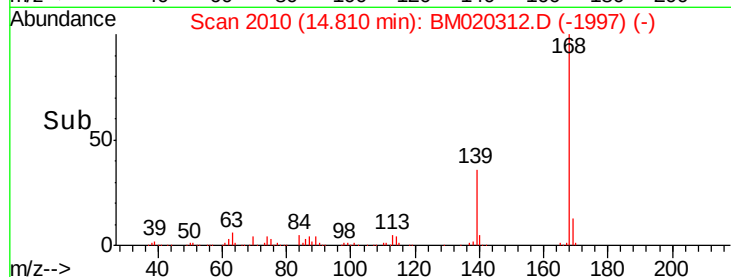
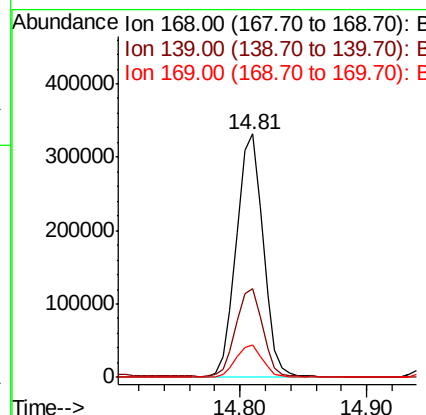
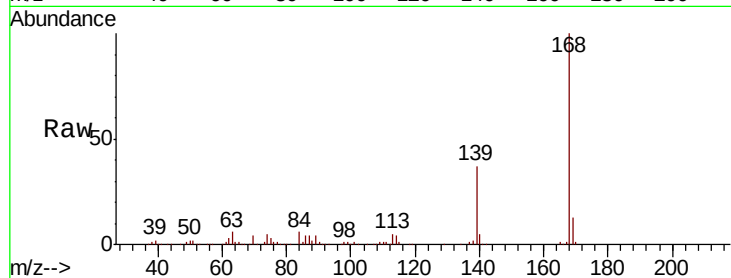
#55
Dibenzofuran
Concen: 38.628 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	31.1	46.7
169	13.1	10.6	16.0

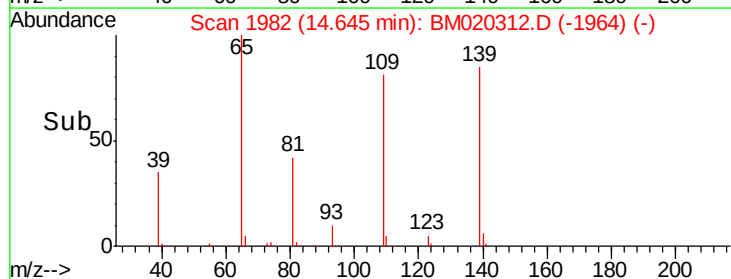
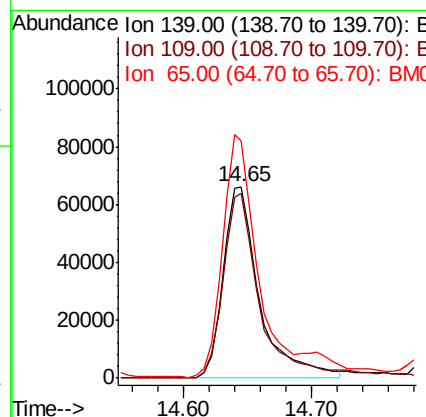
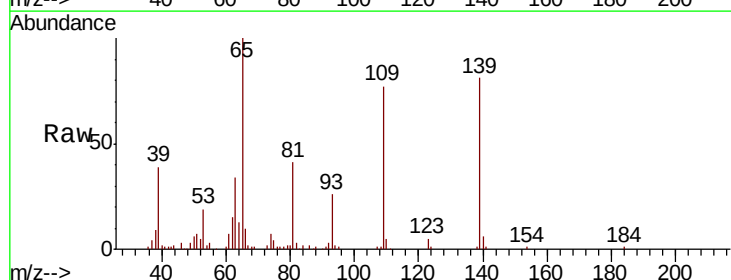
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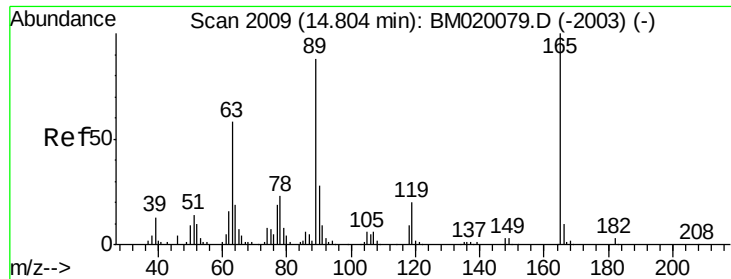
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#56
4-Nitrophenol
Concen: 75.356 ng m
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.1	94.1	134.1
65	124.0	120.9	160.9





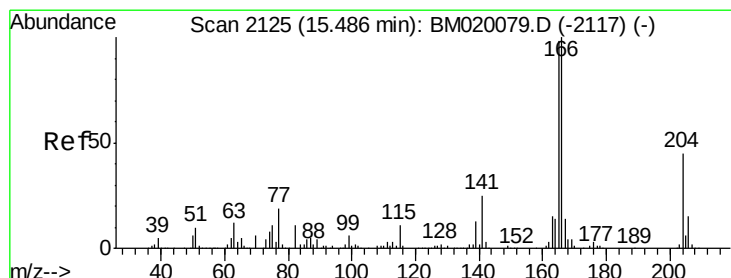
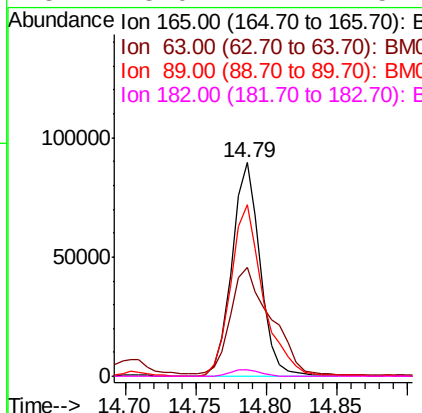
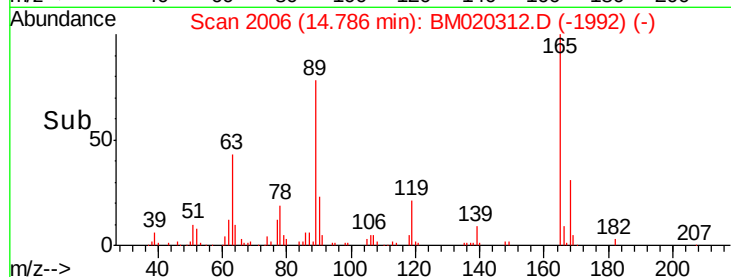
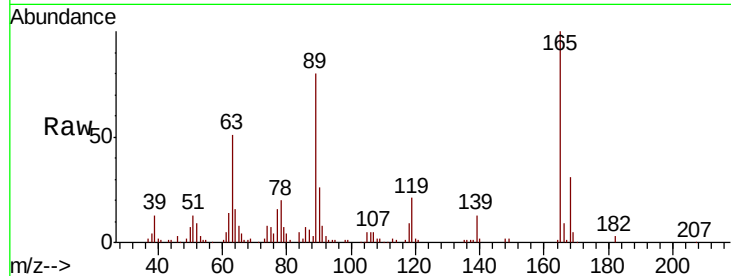
#57
2,4-Dinitrotoluene
Concen: 41.459 ng
RT: 14.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	46.2	69.2
89	80.5	70.6	105.8
182	3.0	2.2	3.2

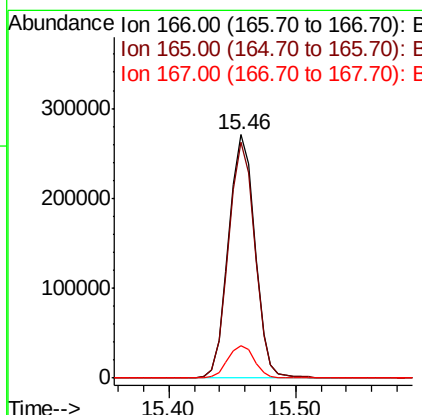
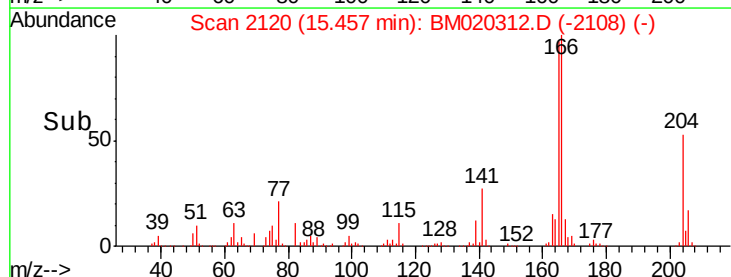
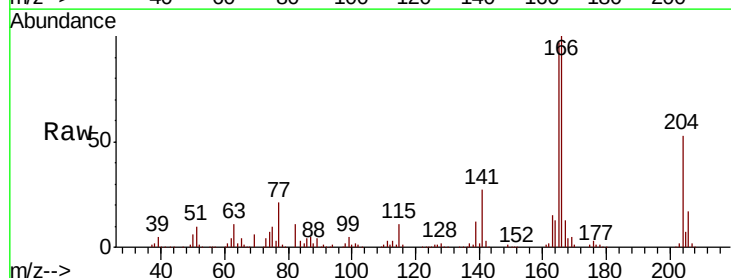
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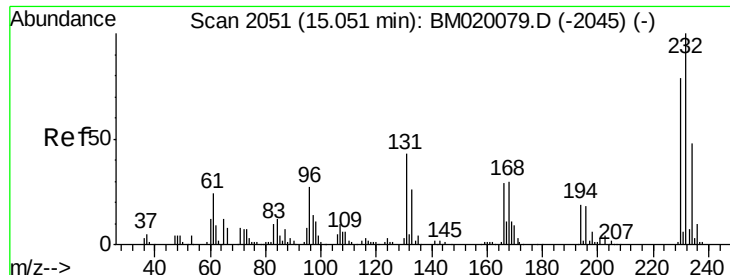
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#58
Fluorene
Concen: 37.847 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.2
167	13.3	11.0	16.4





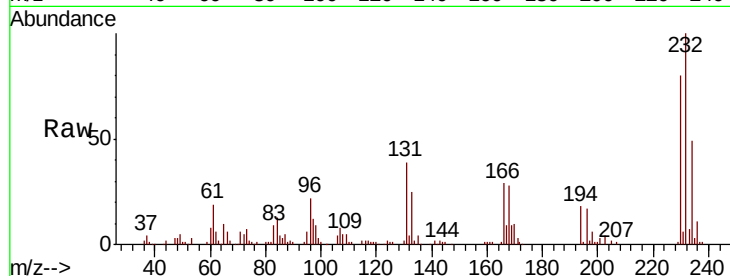
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.185 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Instrument :
 BNA_M
 ClientSampleId :
 PB119670BS

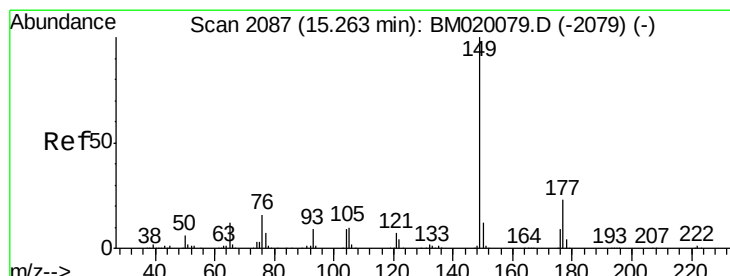
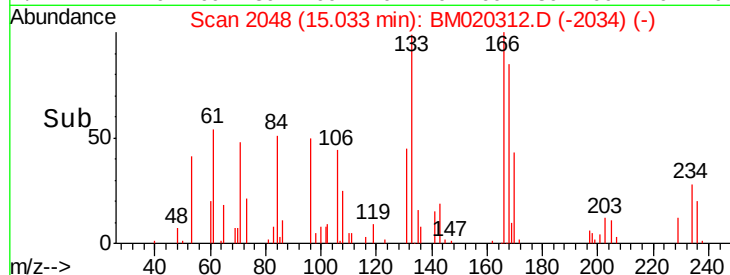
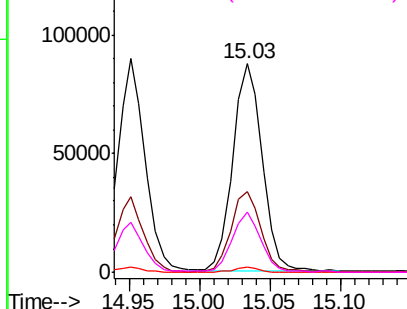
Tot Ion	Ratio	Resp	Lower	Upper
232	100	126029		
131	40.1		34.2	51.4
130	2.0		2.0	3.0
166	28.7		23.8	35.8

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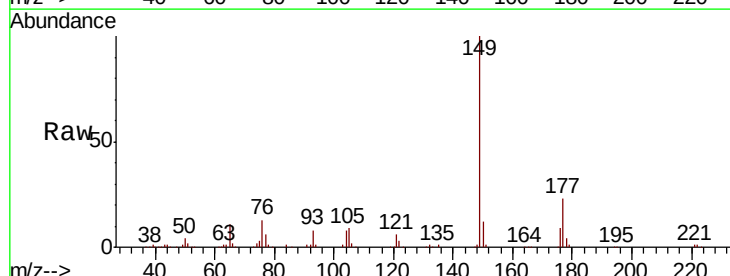


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

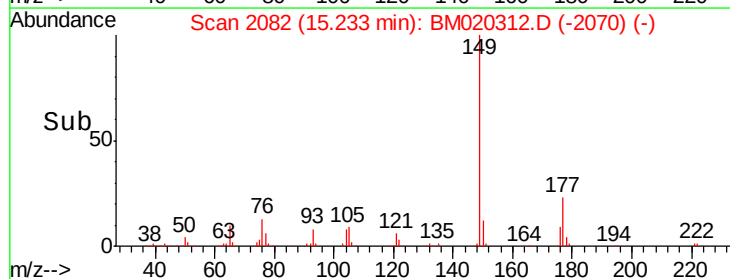
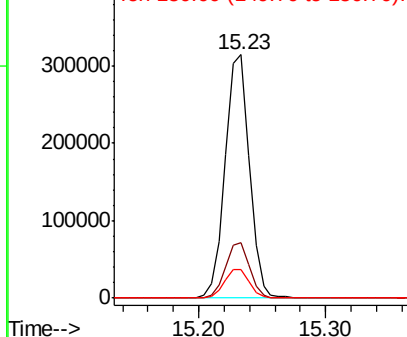


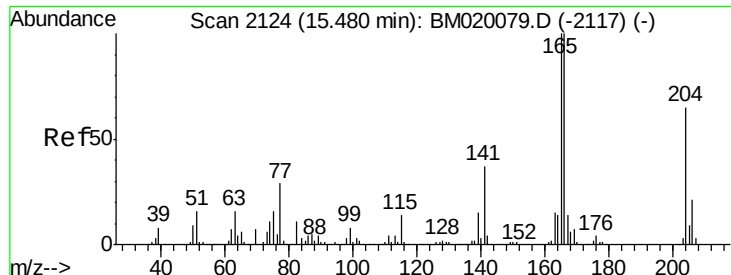
#60
 Diethylphthalate
 Concen: 39.255 ng
 RT: 15.23 min Scan# 2082
 Delta R.T. -0.03 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	415567		
177	22.7		18.2	27.4
150	11.6		9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





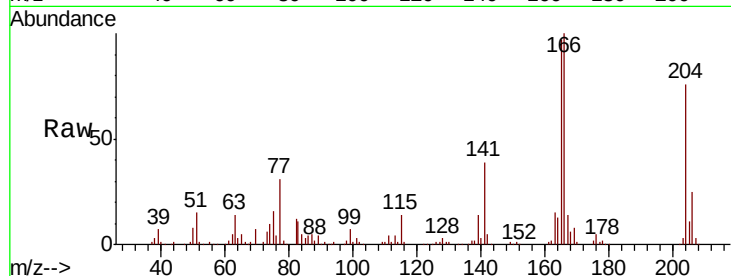
#61
4-Chlorophenyl-phenylether
Concen: 38.555 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	225653		
206	33.1	25.6	38.4	
141	51.5	46.1	69.1	

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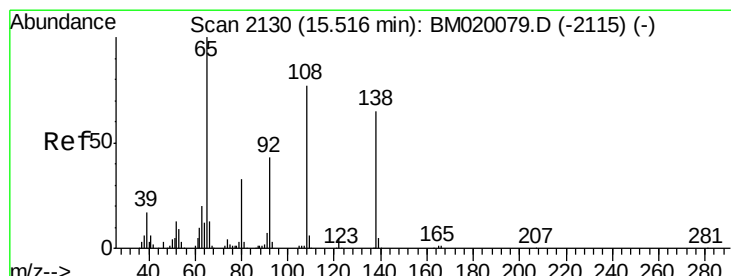
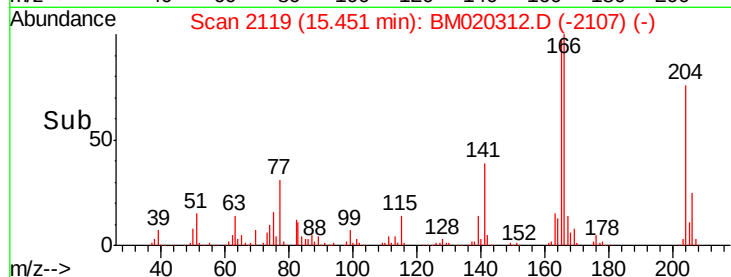
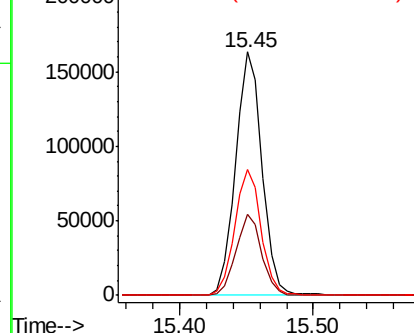


Abundance

Ion 204.00 (203.70 to 204.70): E

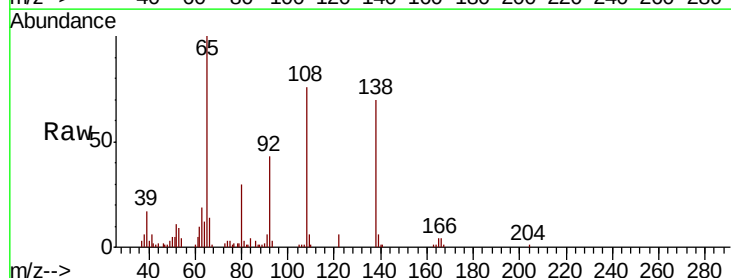
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.710 ng m
RT: 15.50 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	76416		
92	61.1	45.9	85.9	
108	108.6	97.7	137.7	

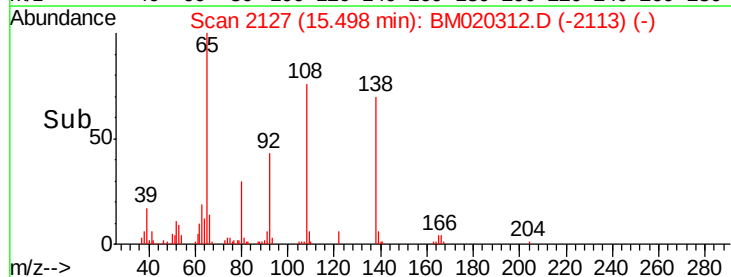
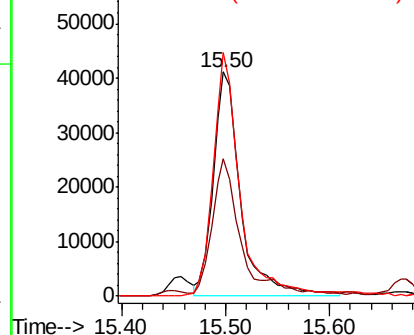


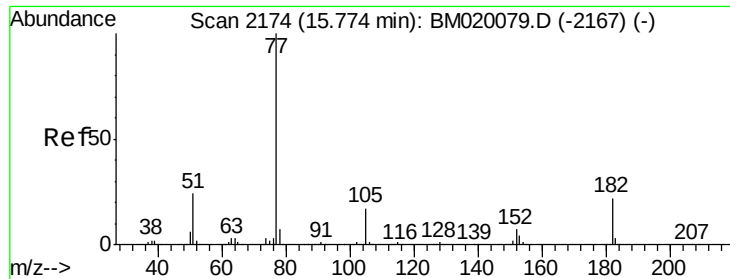
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





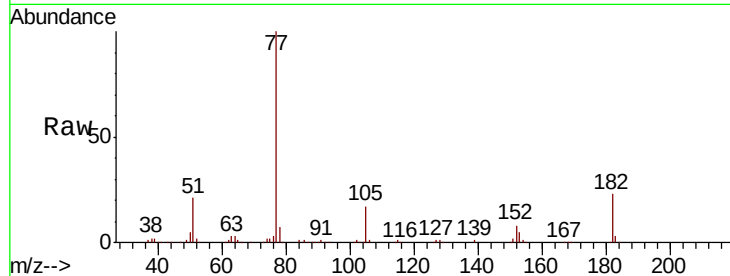
#63
Azobenzene
Concen: 34.655 ng
RT: 15.75 min Scan# 2169
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		432801		
182	23.5	2.1	42.1		
105	17.2	0.0	36.8		
51	21.3	3.8	43.8		

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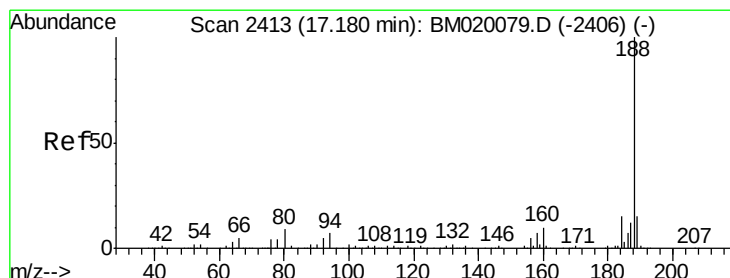
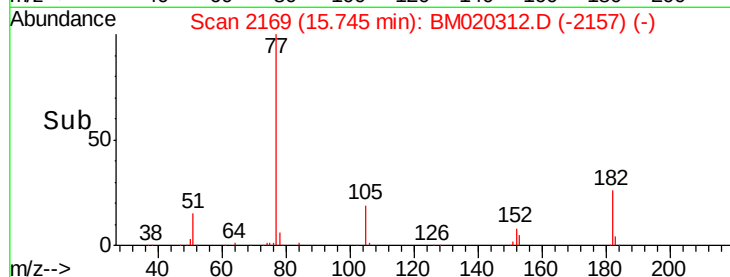
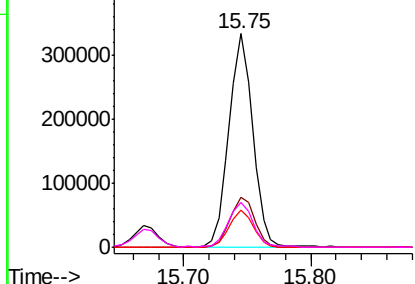
Abundance

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

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

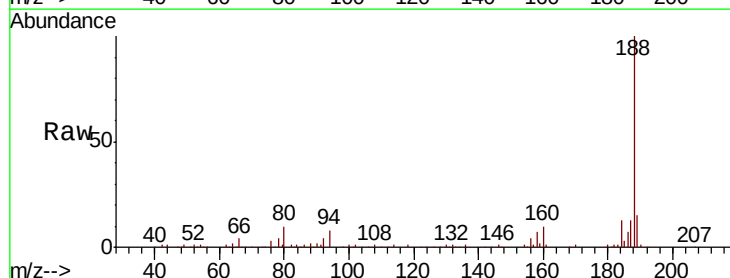
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

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: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		305946		
94	8.2	5.8	8.6		
80	10.2	7.4	11.2		

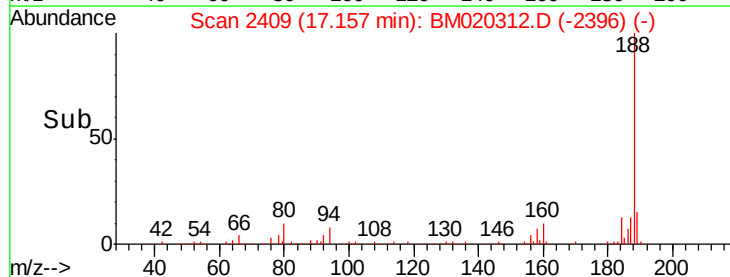
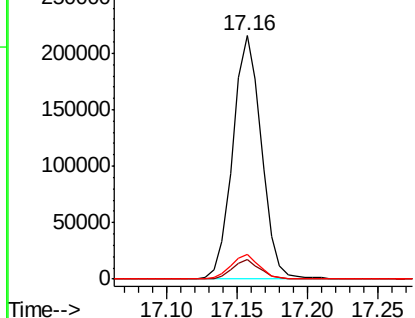


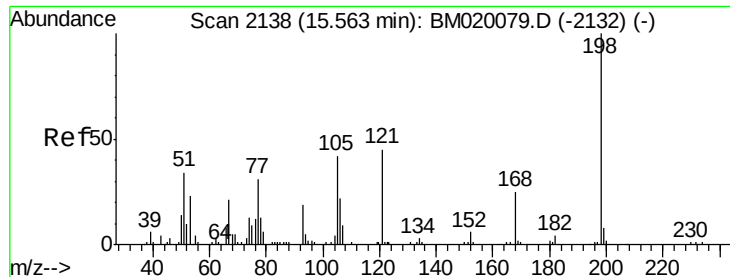
Abundance

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) (-)





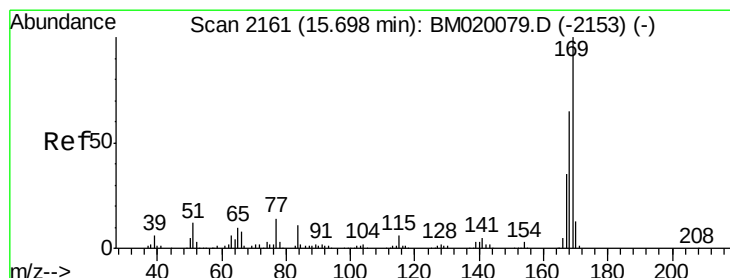
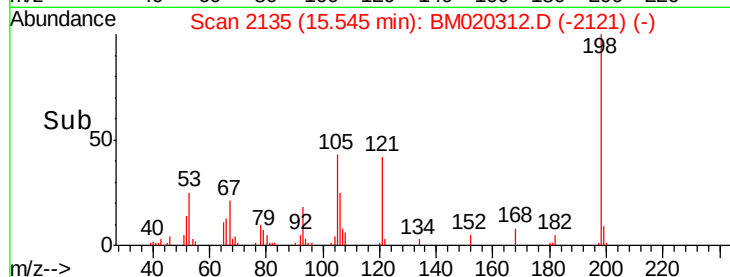
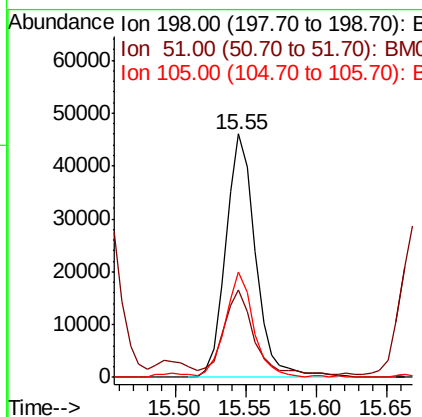
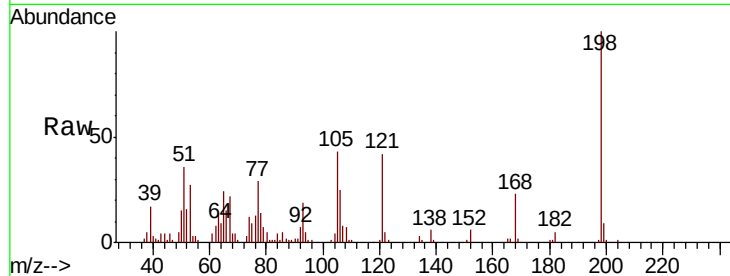
#65
4,6-Dinitro-2-methylphenol
Concen: 44.454 ng
RT: 15.55 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.0	16.5	56.5
105	43.2	22.8	62.8

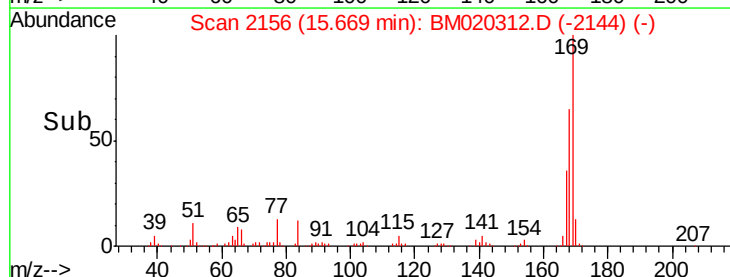
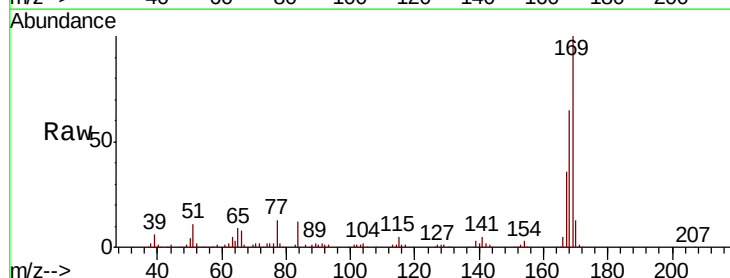
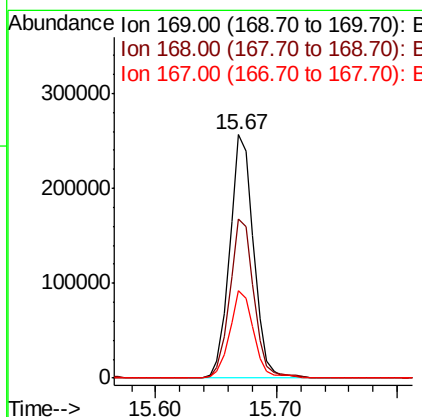
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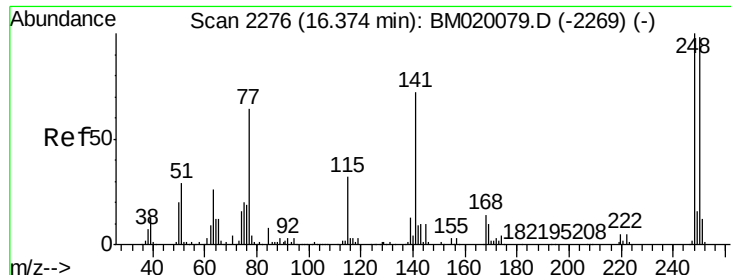
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#66
n-Nitrosodiphenylamine
Concen: 39.337 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	51.9	77.9
167	35.7	27.8	41.6





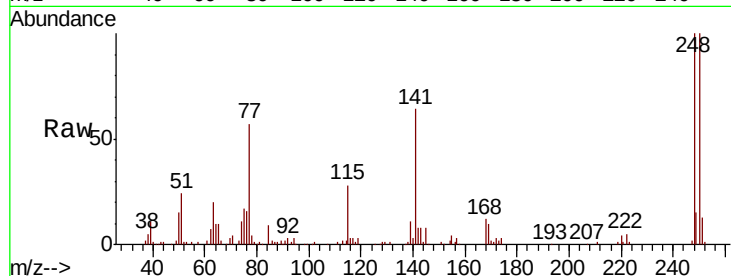
#67
 4-Bromophenyl-phenylether
 Concen: 38.132 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Instrument :
 BNA_M
 ClientSampled :
 PB119670BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.4	117.6
141	63.8	57.4	86.2

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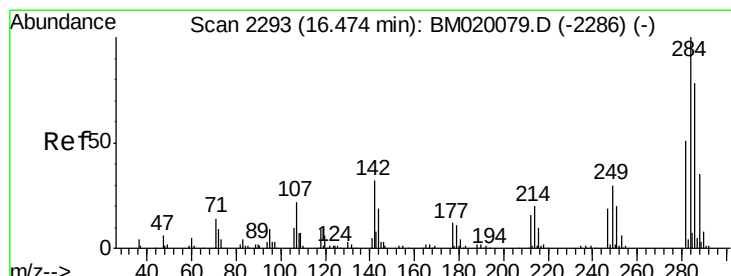
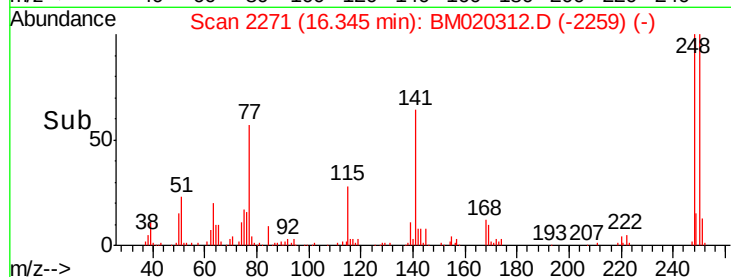
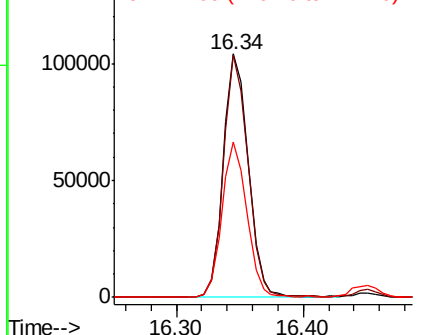


Abundance

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: 38.918 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

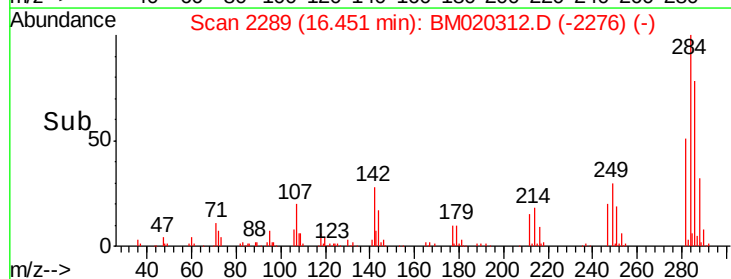
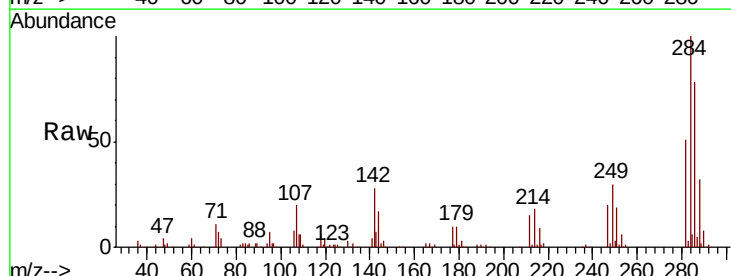
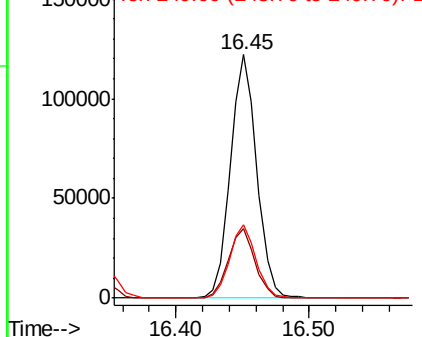
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	25.2	37.8
249	29.9	23.6	35.4

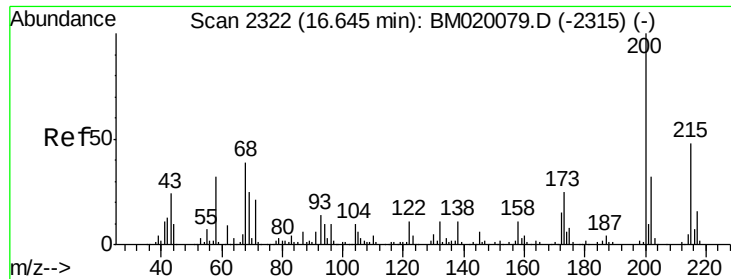
Abundance

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





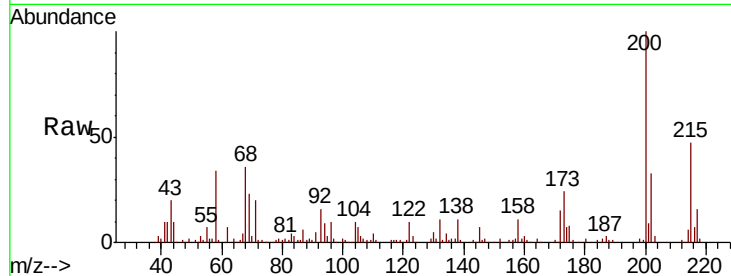
#69
Atrazine
Concen: 36.551 ng
RT: 16.62 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampled :
PB119670BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	4.6	44.6
215	47.4	28.0	68.0

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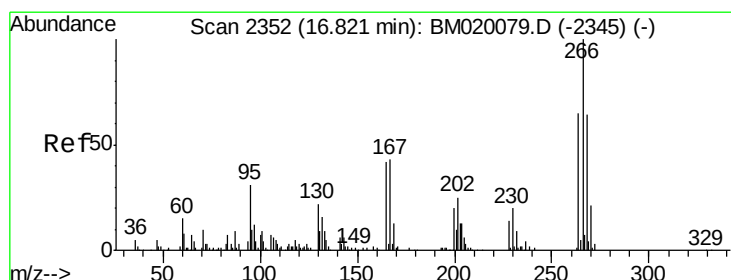
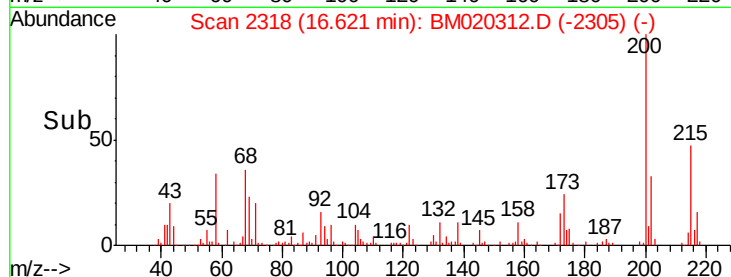
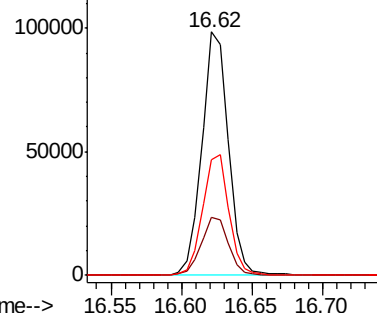


Abundance

Ion 200.00 (199.70 to 200.70): E

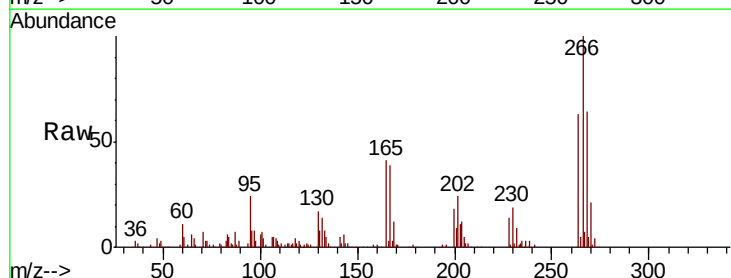
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 84.887 ng
RT: 16.80 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	51.4	77.0
264	63.2	52.0	78.0

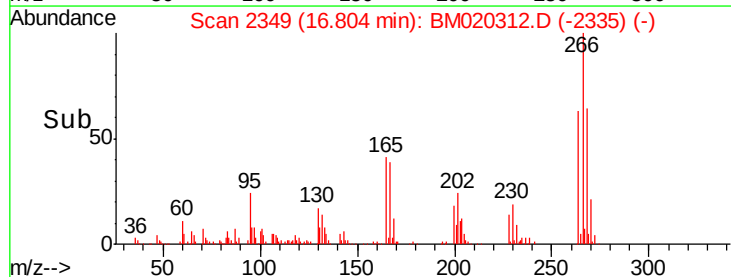
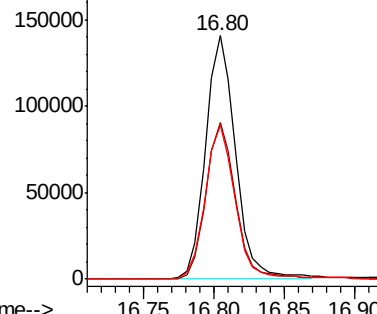


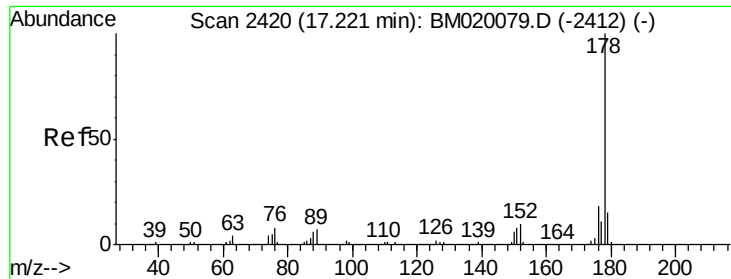
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





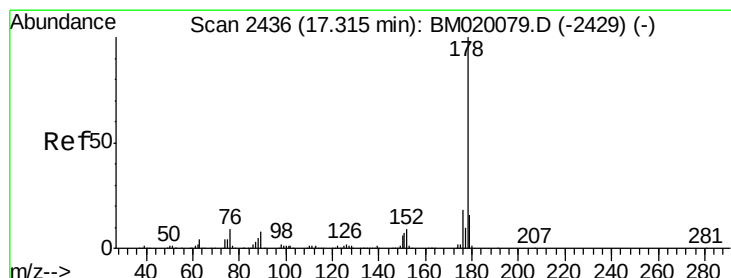
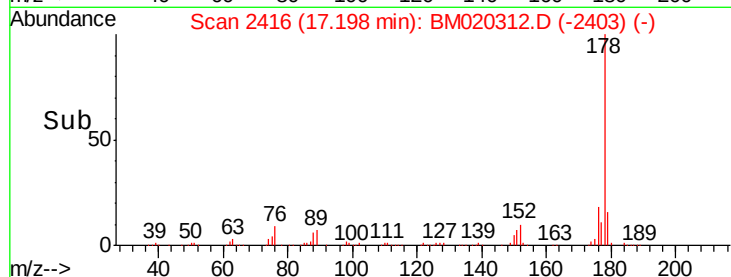
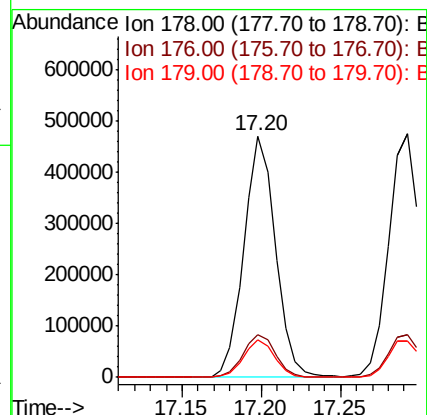
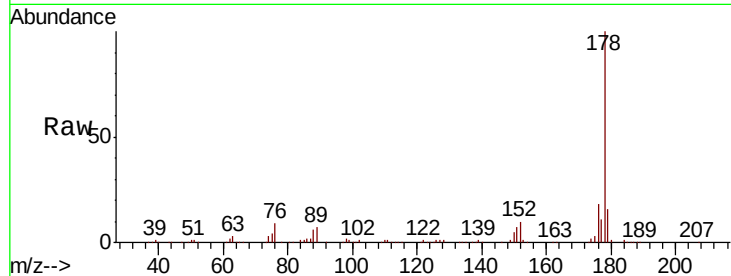
#71
Phenanthrene
Concen: 38.565 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.7	12.4	18.6

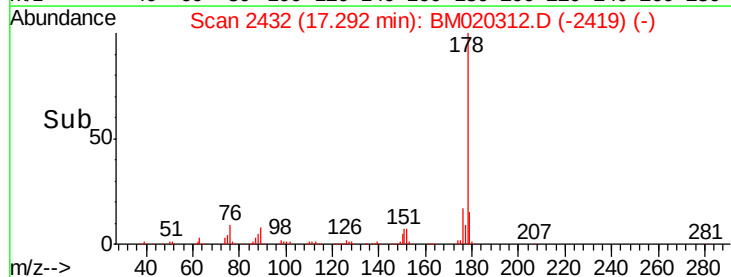
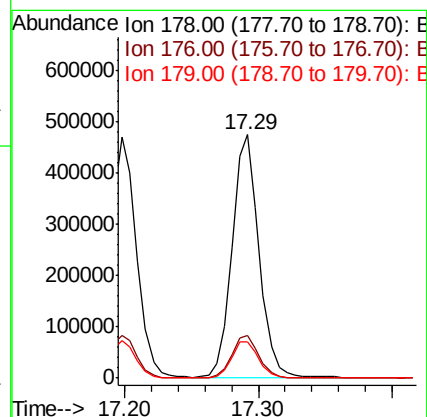
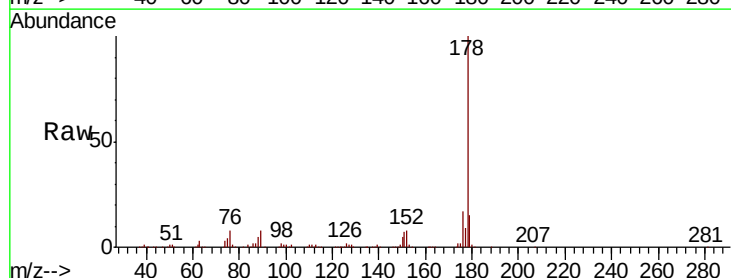
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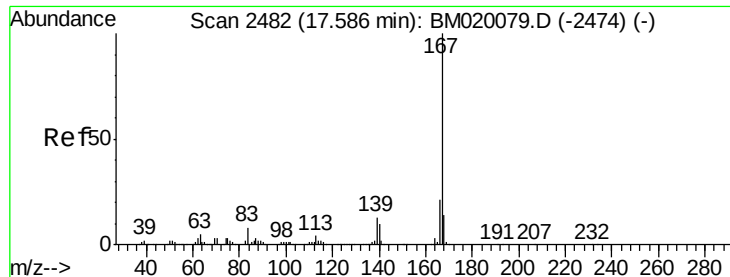
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#72
Anthracene
Concen: 39.114 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	15.1	12.4	18.6





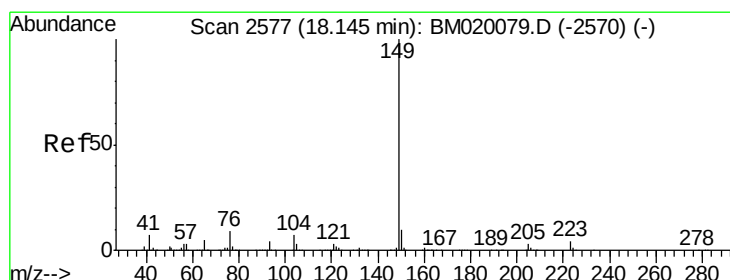
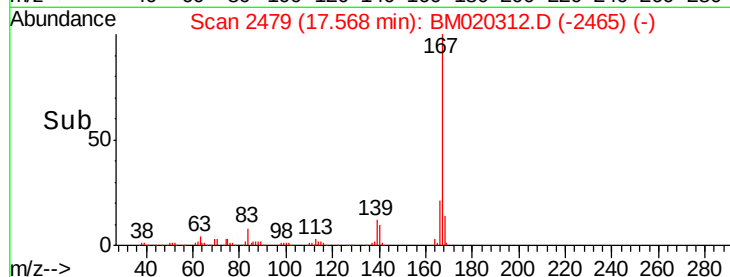
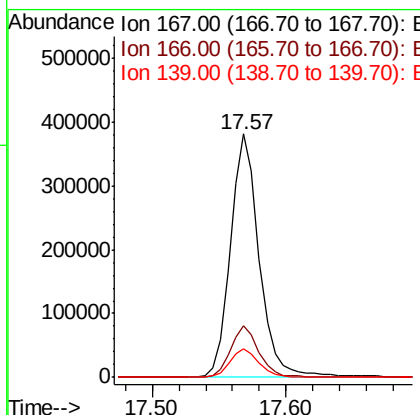
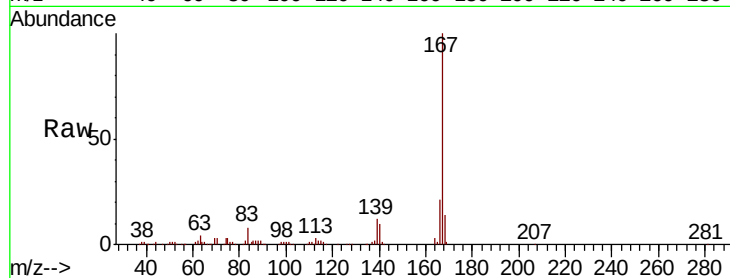
#73
 Carbazole
 Concen: 37.574 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Instrument :
 BNA_M
 ClientSampleID :
 PB119670BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	11.9	10.6	16.0

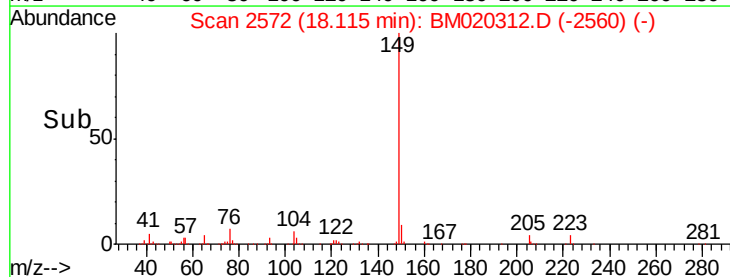
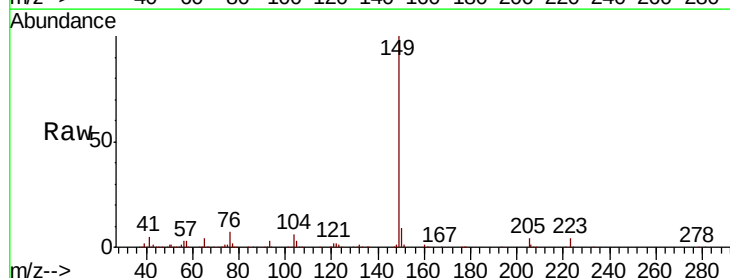
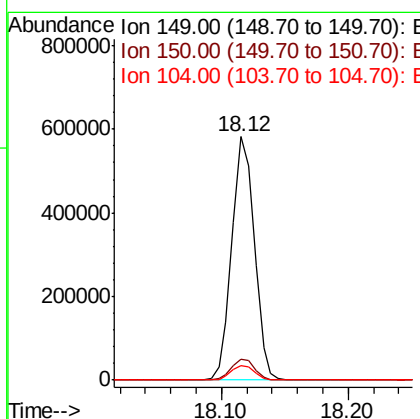
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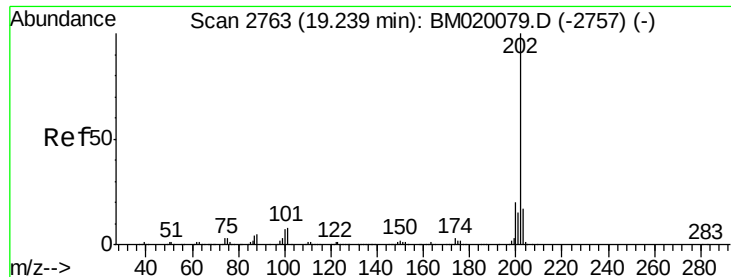
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#74
 Di-n-butylphthalate
 Concen: 39.047 ng
 RT: 18.12 min Scan# 2572
 Delta R.T. -0.03 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	5.9	5.7	8.5





#75

Fluoranthene

Concen: 38.273 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

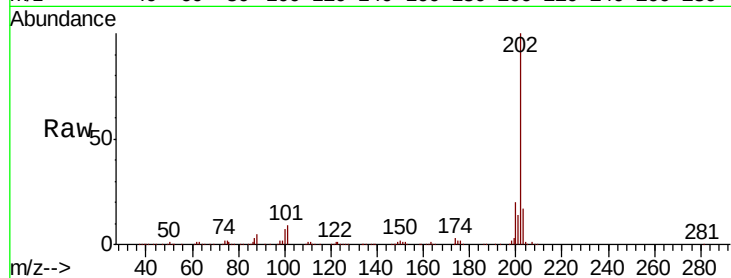
ClientSampleId :

PB119670BS

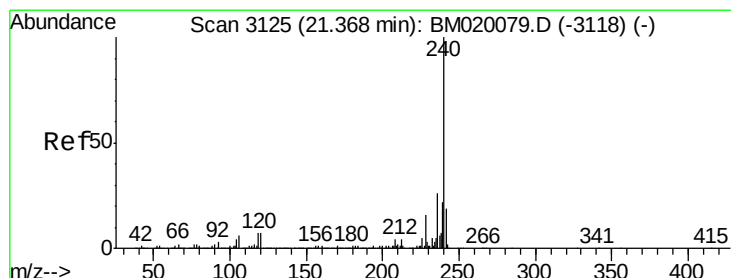
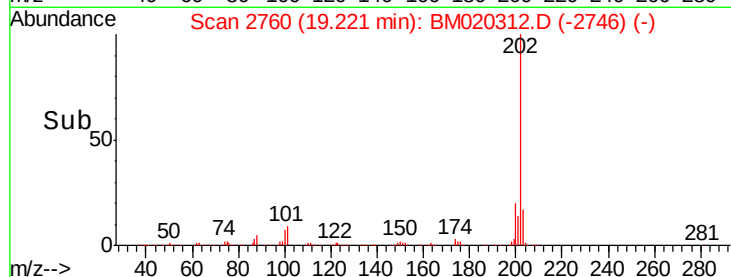
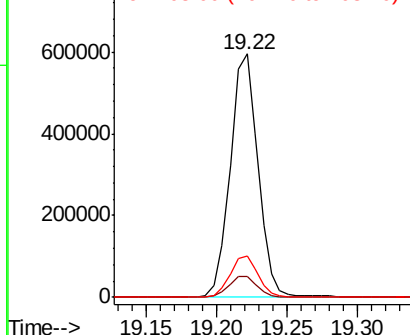
Tot Ion	Ratio	Resp	Lower	Upper
202	100	817826		
101	8.6	0.0	28.4	
203	17.2	0.0	37.4	

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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

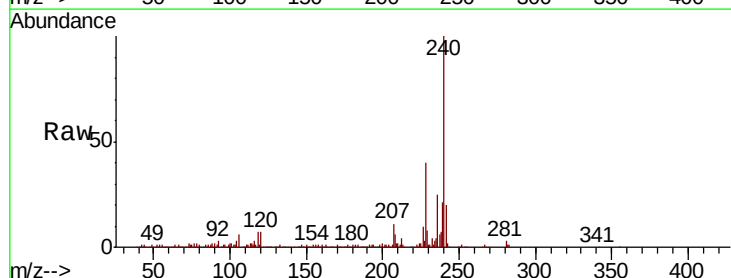
RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

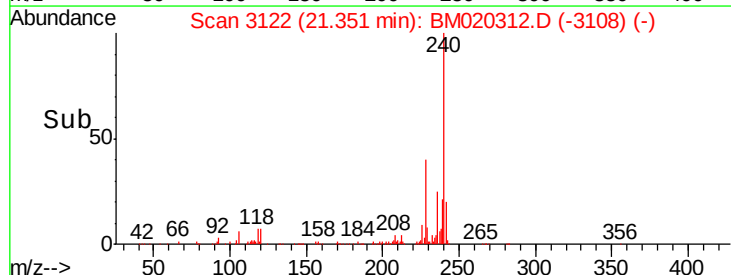
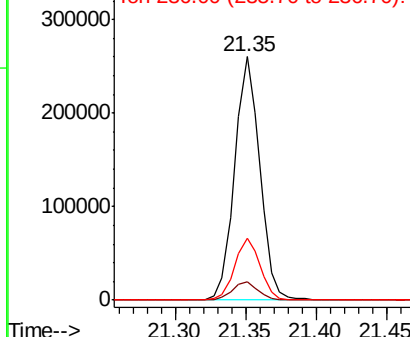
Lab File: BM020312.D

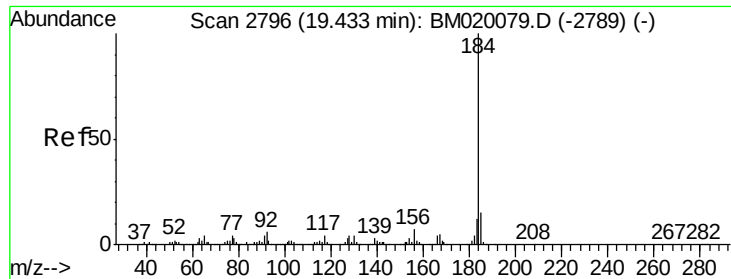
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	324124		
120	7.3	5.6	8.4	
236	25.3	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: 34.488 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

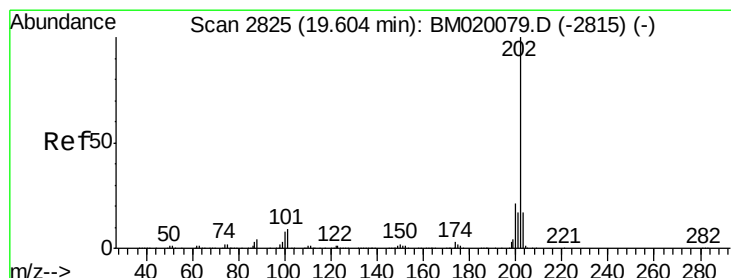
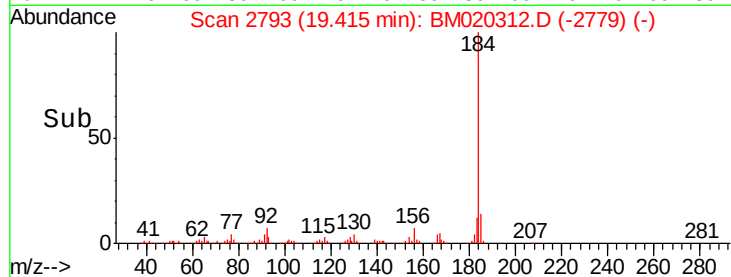
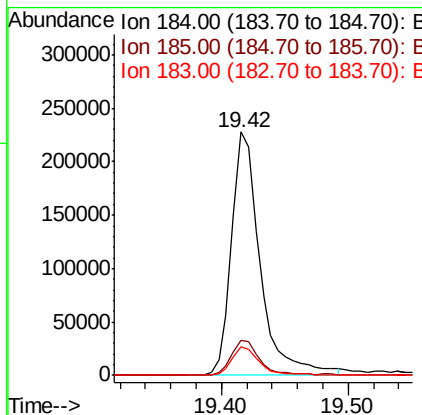
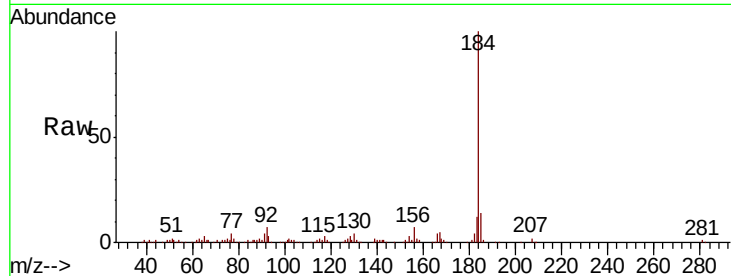
ClientSampleId :

PB119670BS

Tot Ion:	184	Resp:	357377
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.5	9.5	14.3

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#78

Pyrene

Concen: 38.658 ng

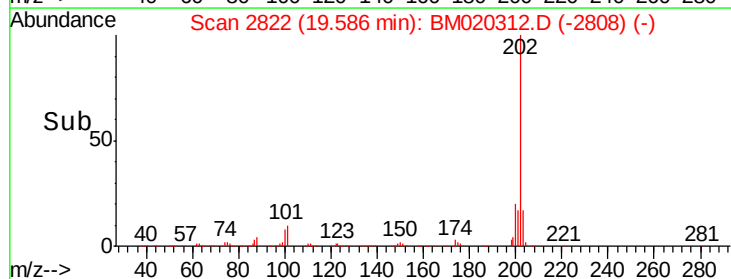
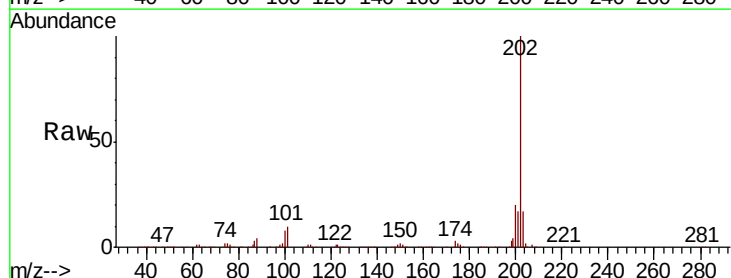
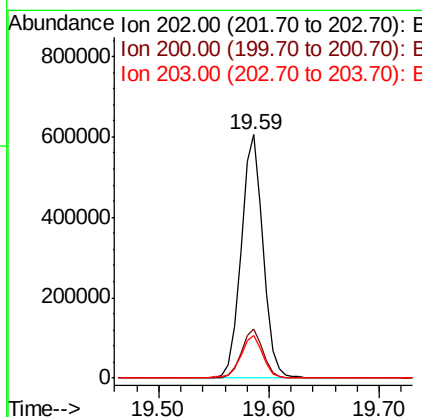
RT: 19.59 min Scan# 2822

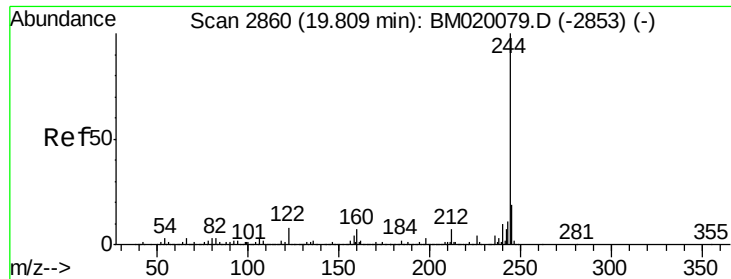
Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion:	202	Resp:	841256
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.5	24.7
203	17.5	13.9	20.9





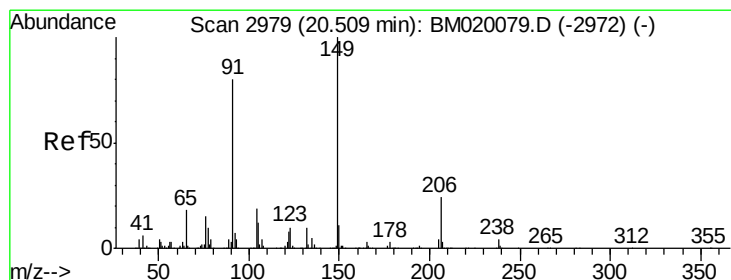
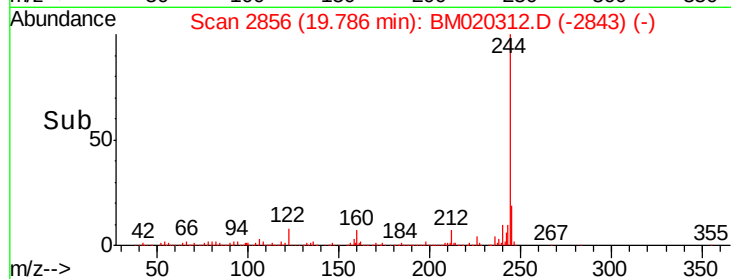
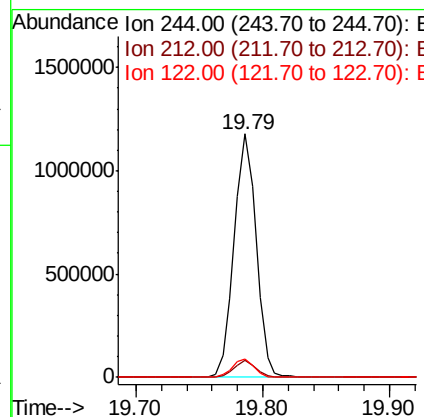
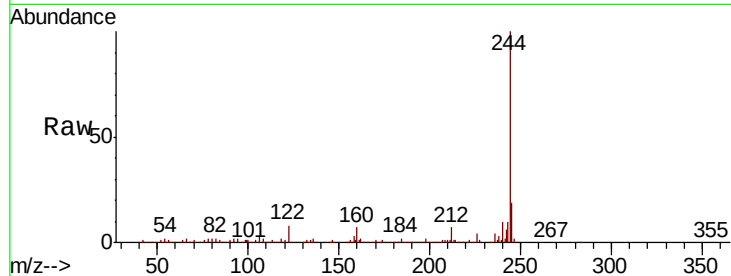
#79
 Terphenyl-d14
 Concen: 76.356 ng
 RT: 19.79 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Instrument :
 BNA_M
 ClientSampleId :
 PB119670BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.5	6.2	9.2

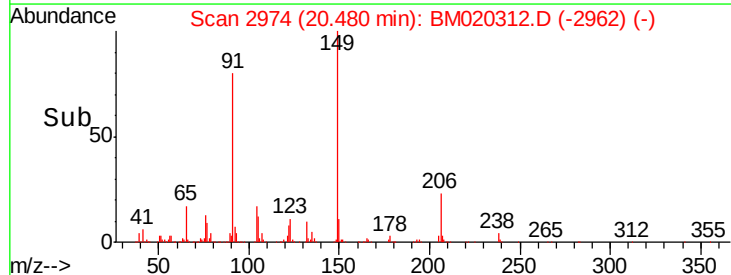
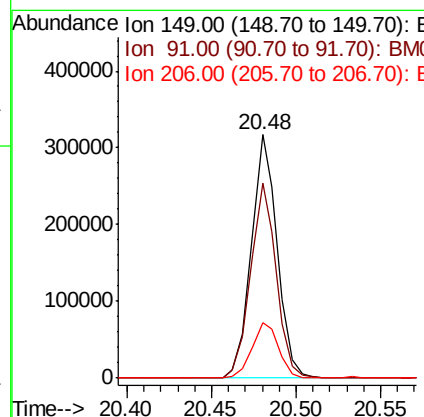
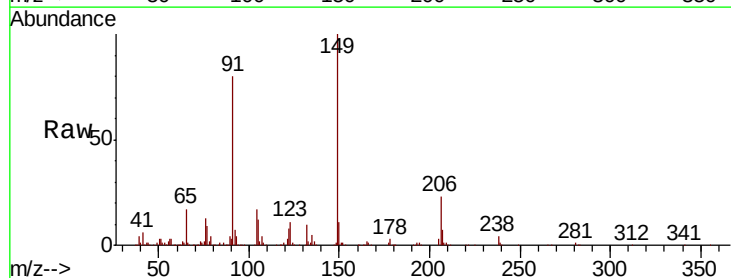
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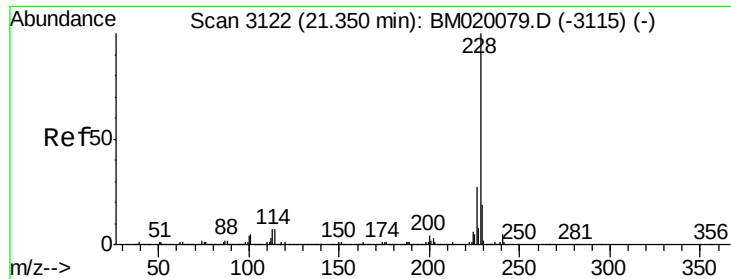
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#80
 Butylbenzylphthalate
 Concen: 42.783 ng
 RT: 20.48 min Scan# 2974
 Delta R.T. -0.03 min
 Lab File: BM020312.D
 Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.8	63.8	95.8
206	22.9	18.9	28.3





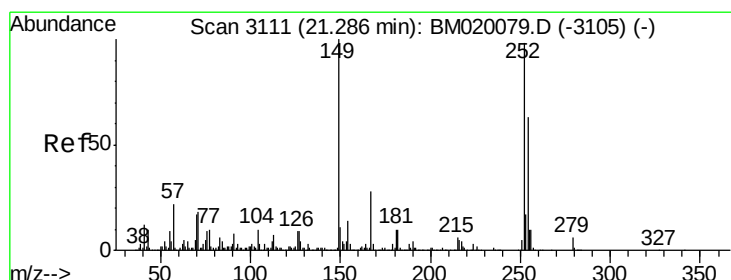
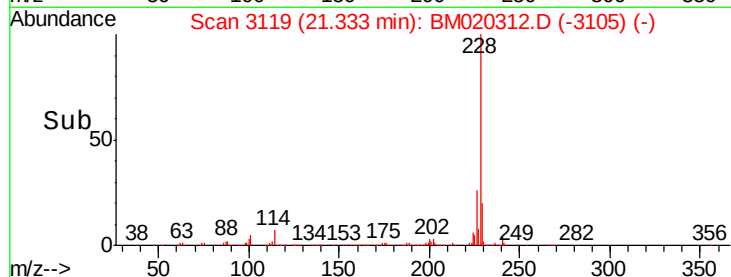
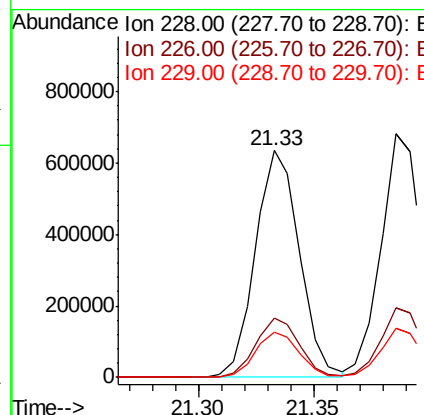
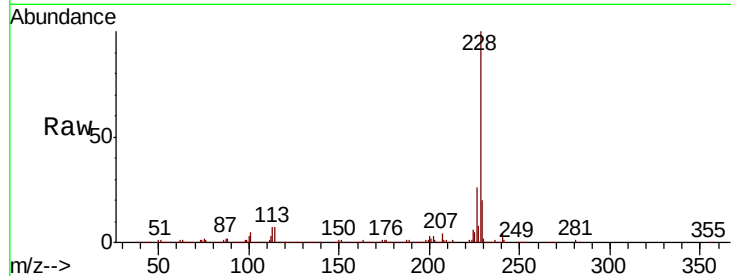
#81
Benzo(a)anthracene
Concen: 37.113 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	26.2	21.3	31.9		
229	20.1	15.5	23.3		

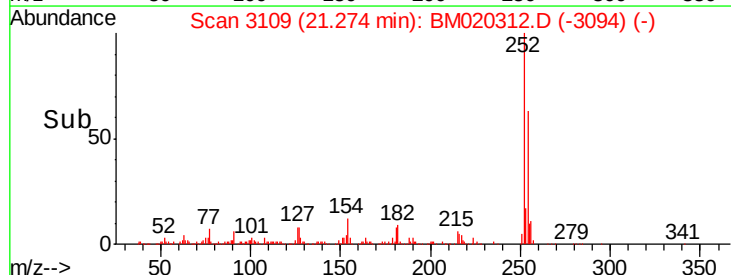
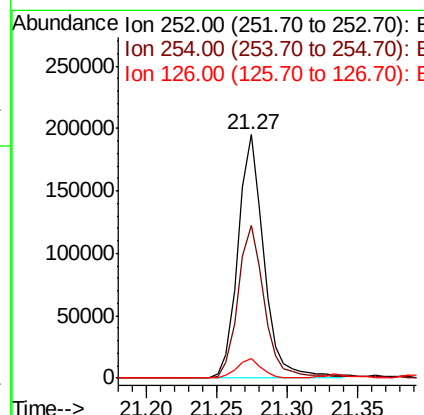
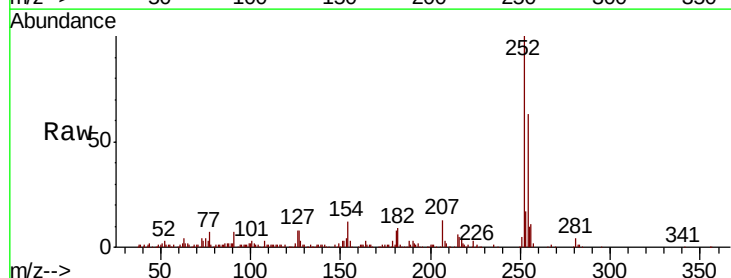
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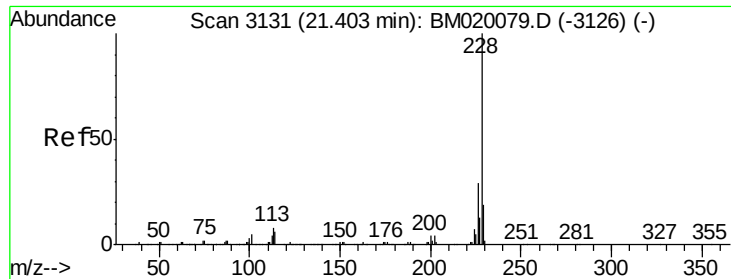
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#82
3,3'-Dichlorobenzidine
Concen: 28.816 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	62.7	51.1	76.7		
126	8.1	7.1	10.7		





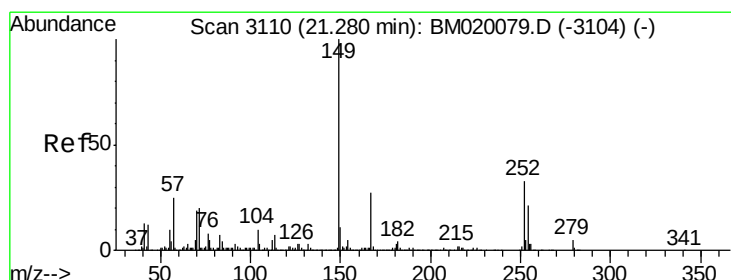
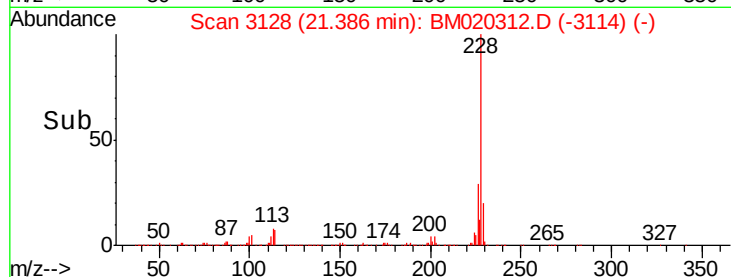
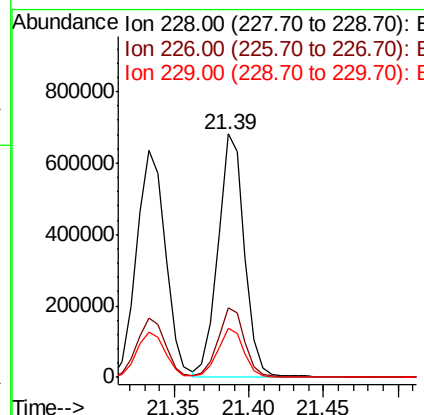
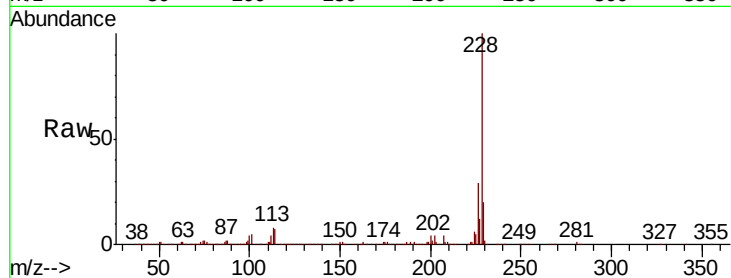
#83
Chrysene
Concen: 38.202 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	19.9	15.5	23.3

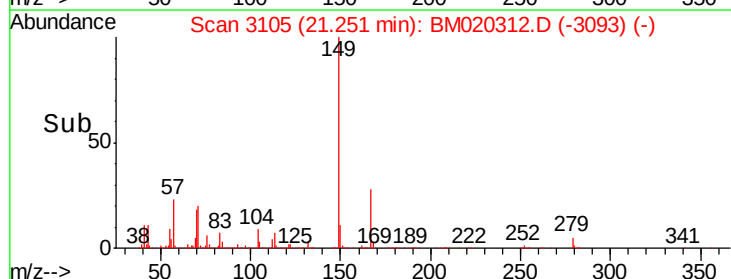
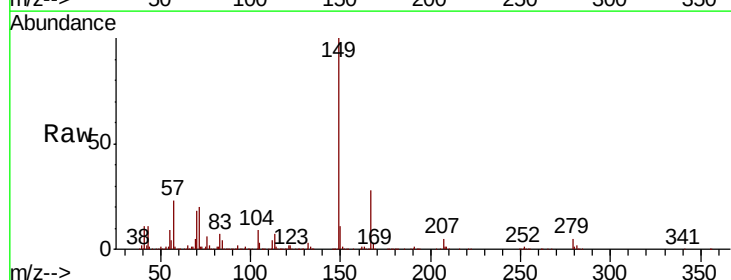
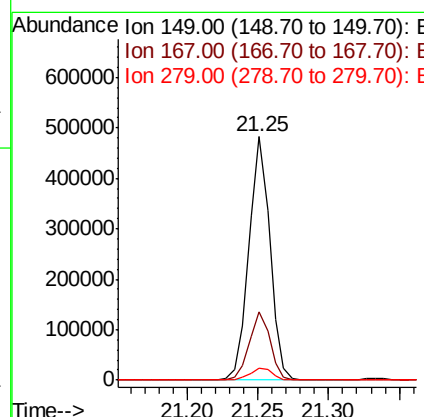
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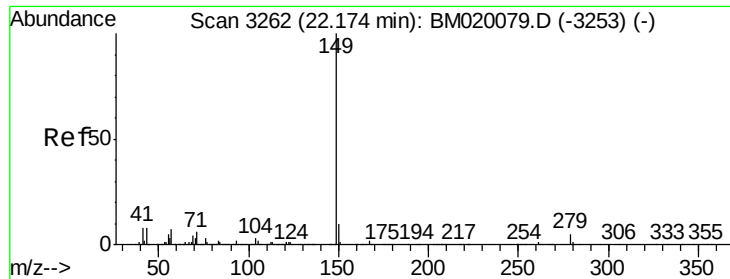
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.123 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.03 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	5.1	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 43.326 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

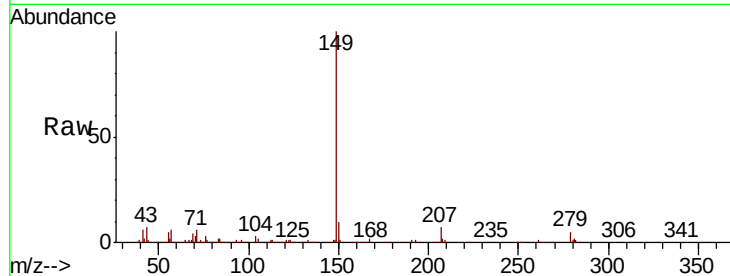
ClientSampleId :

PB119670BS

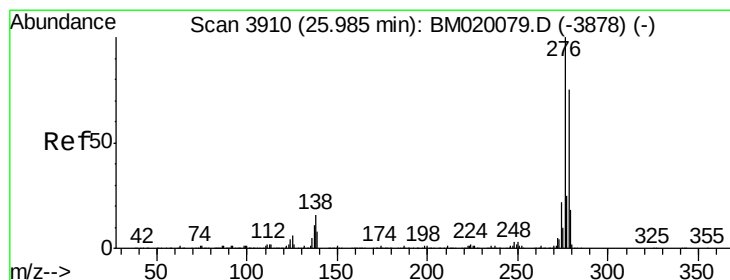
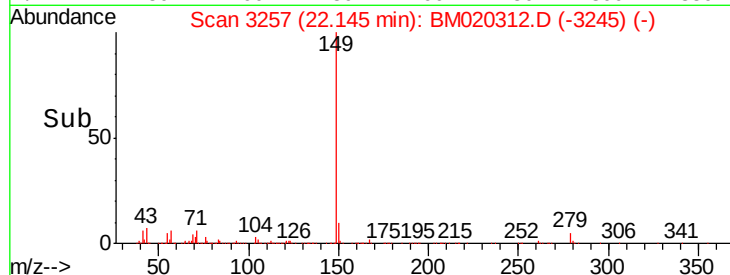
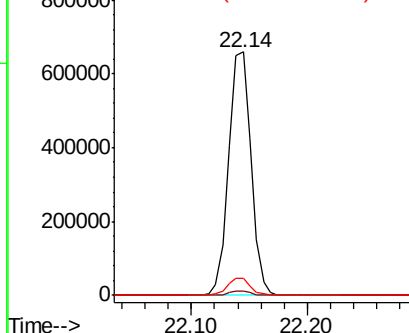
Tot Ion:	149	Resp:	884271
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	6.8	6.5	9.7

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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: 42.135 ng

RT: 25.96 min Scan# 3906

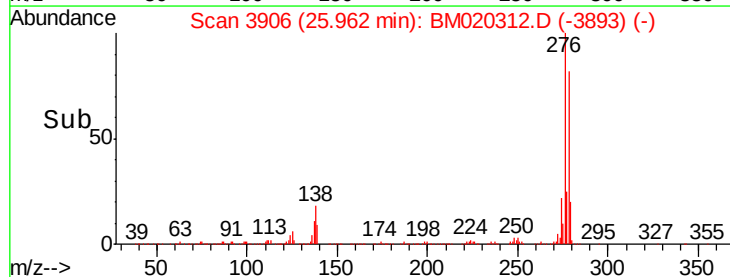
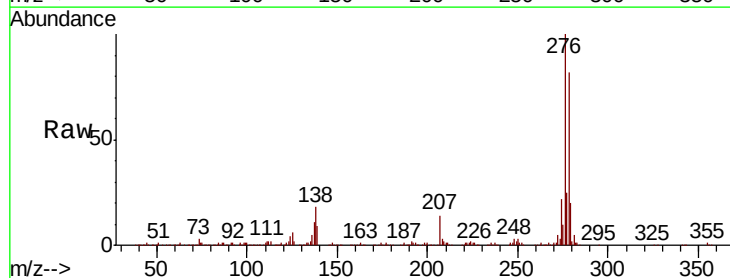
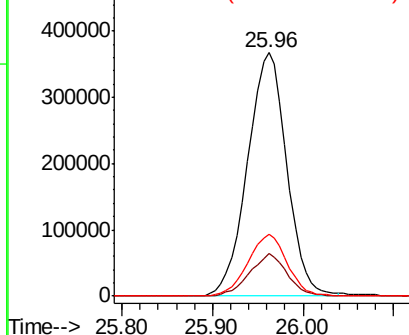
Delta R.T. -0.02 min

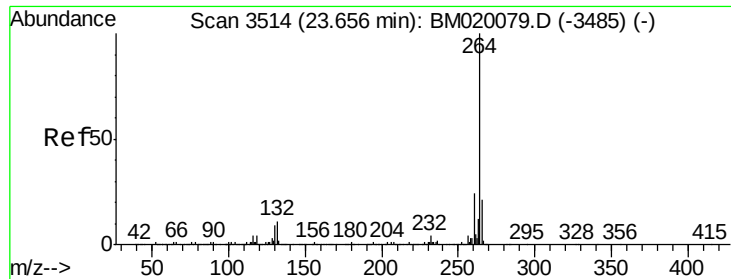
Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion:	276	Resp:	1104849
Ion Ratio	Lower	Upper	
276	100		
138	16.7	0.0	0.0#
277	25.4	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: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

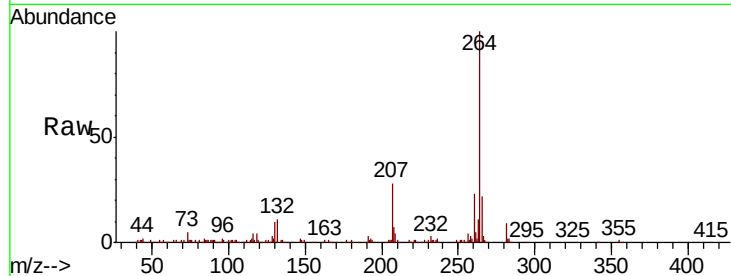
ClientSampleId :

PB119670BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.8	16.9	25.3

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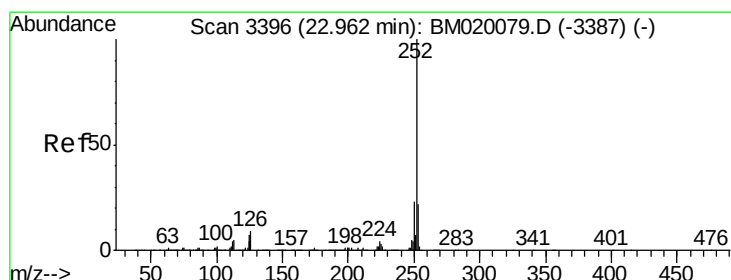
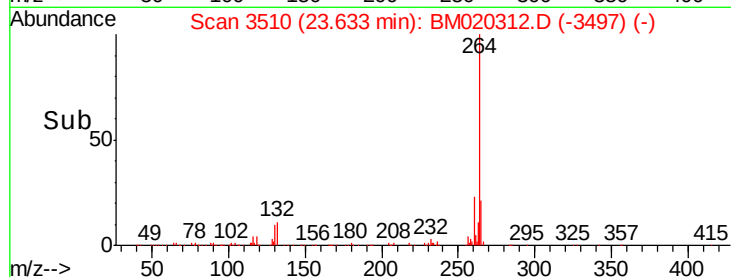
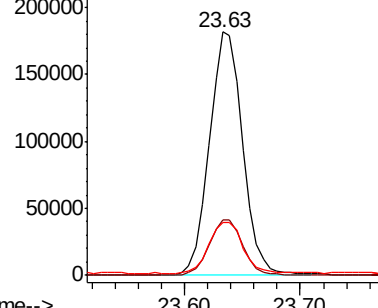


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.509 ng

RT: 22.94 min Scan# 3393

Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

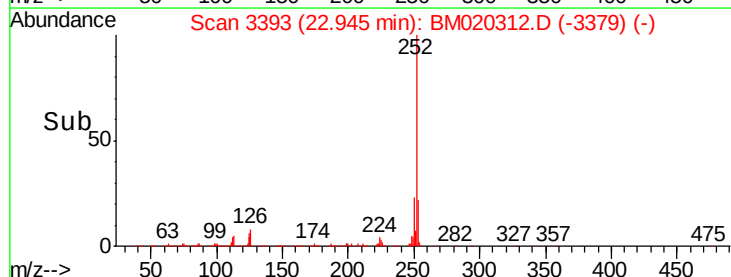
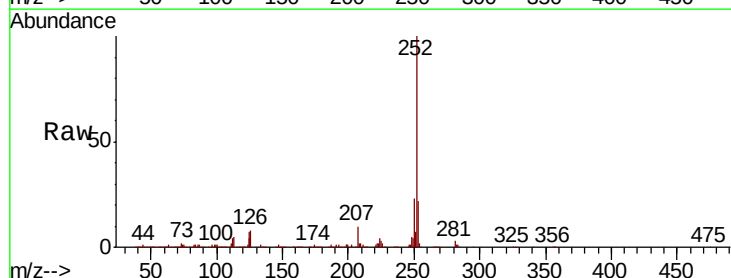
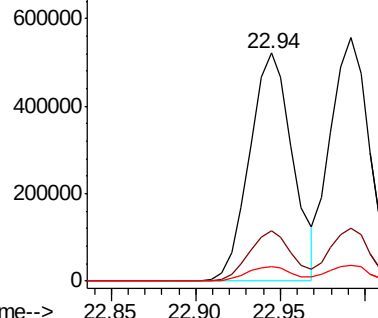
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	6.6	5.4	8.2

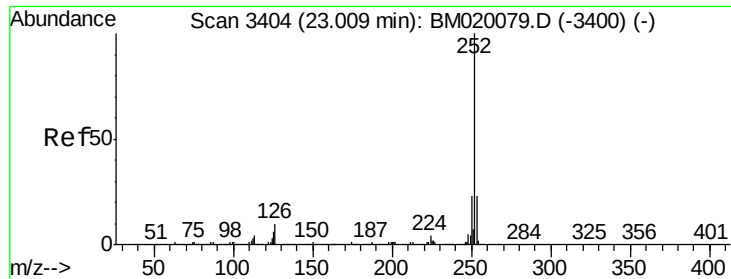
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





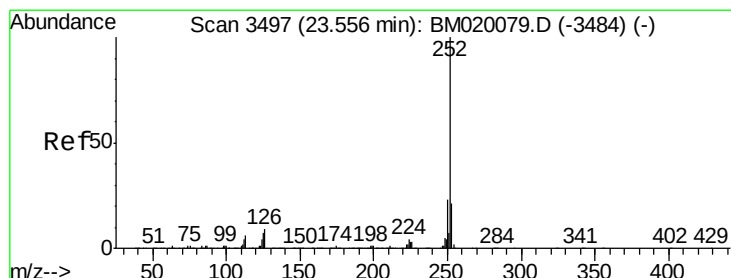
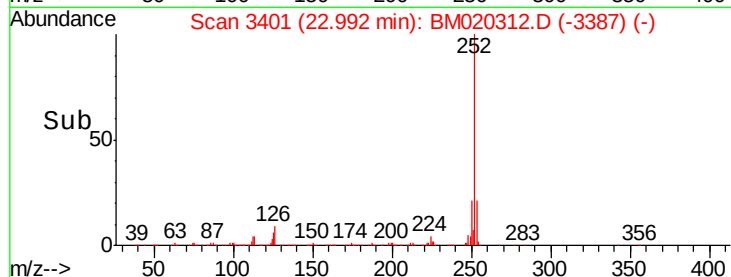
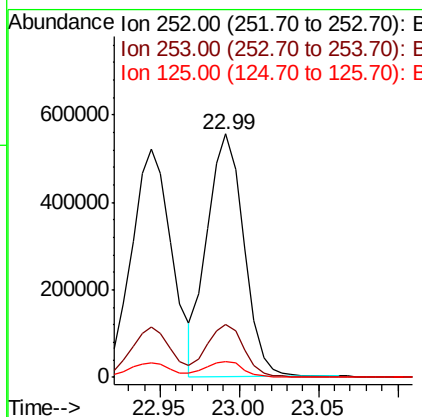
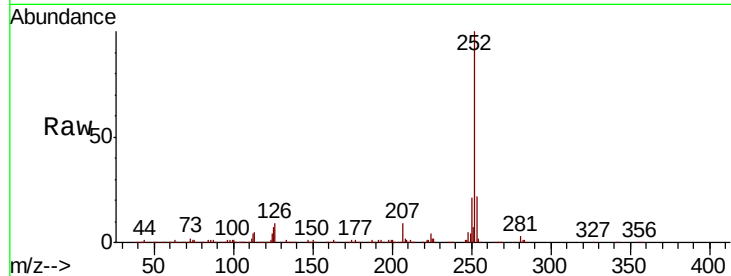
#89
Benzo(k)fluoranthene
Concen: 40.832 ng
RT: 22.99 min Scan# 3401
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	6.5	5.4	8.0

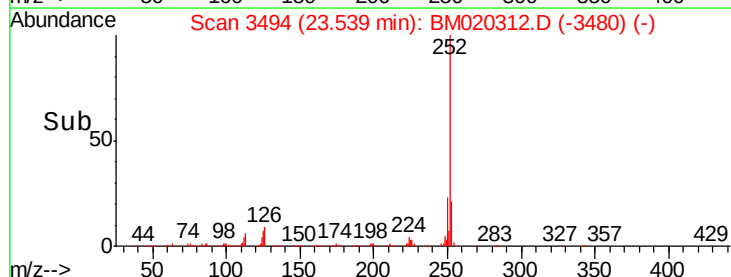
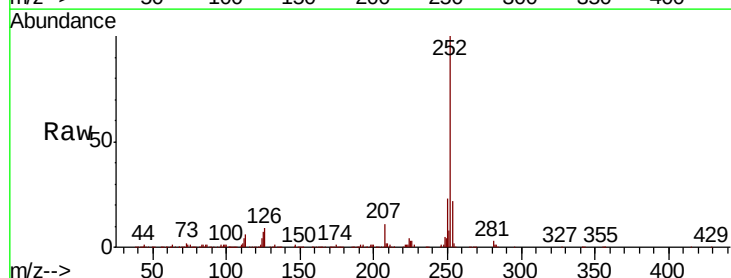
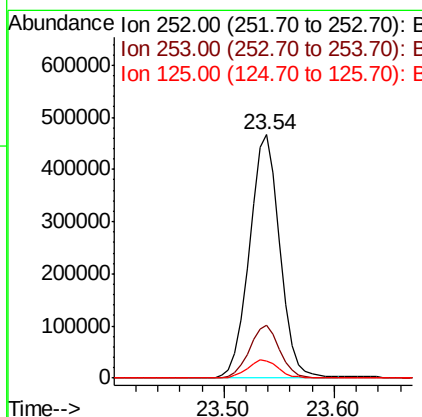
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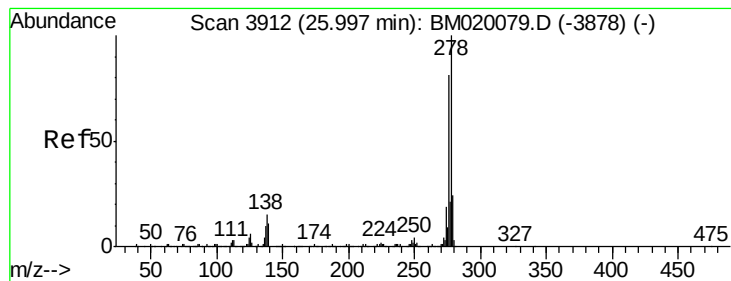
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#90
Benzo(a)pyrene
Concen: 41.146 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM020312.D
Acq: 13 May 2019 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	7.2	5.5	8.3





#91

Dibenzo(a,h)anthracene

Concen: 41.949 ng

RT: 25.97 min Scan# 3908

Delta R.T. -0.02 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Instrument :

BNA_M

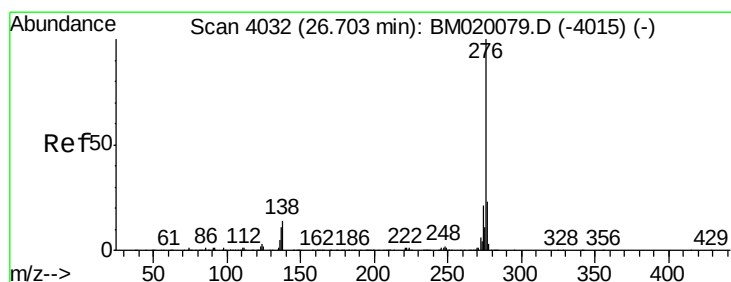
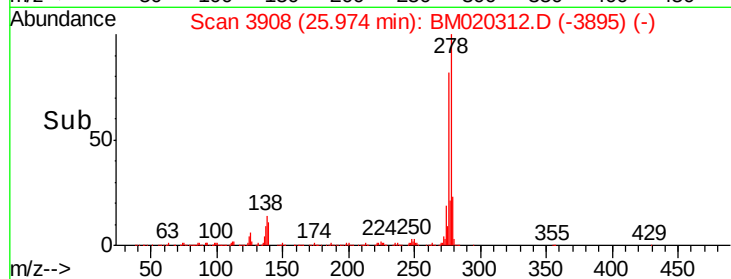
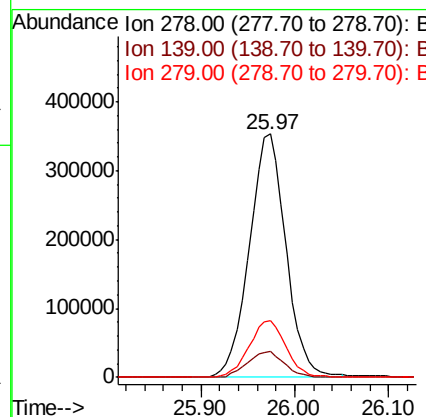
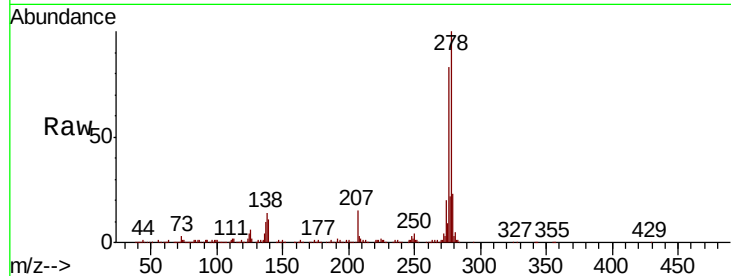
ClientSampleId :

PB119670BS

Tot Ion:	278	Resp:	952373
Ion Ratio	Lower	Upper	
278	100		
139	10.8	8.6	13.0
279	23.3	18.8	28.2

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 42.610 ng

RT: 26.67 min Scan# 4027

Delta R.T. -0.03 min

Lab File: BM020312.D

Acq: 13 May 2019 12:46

Tgt Ion:	276	Resp:	918449
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.4	27.6
138	13.8	11.1	16.7

