

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020199.D
 Acq On : 08 May 2019 17:44
 Operator : JU/SJ
 Sample : PB119532BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Manual Integrations
 APPROVED

Sohil
 5/9/2019 6:45:30 PM

Quant Time: May 09 02:17:35 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	7.79	152	162631	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	606067	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	362860	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	770550	20.00	ng	0.00
76) Chrysene-d12	21.36	240	614269	20.00	ng	0.00
87) Perylene-d12	23.65	264	617276	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1357440	136.44	ng	0.00
7) Phenol-d6	6.96	99	1860750	136.90	ng	0.00
23) Nitrobenzene-d5	8.95	82	1132489	73.77	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	747988	132.80	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2232738	75.71	ng	-0.01
79) Terphenyl-d14	19.80	244	3020834	85.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	168194	34.468	ng	91
3) Pyridine	3.70	79	441600	35.385	ng	98
4) n-Nitrosodimethylamine	3.62	42	136487	34.106	ng	# 70
6) Aniline	7.12	93	585087	34.196	ng	98
8) 2-Chlorophenol	7.35	128	417772	38.564	ng	99
9) Benzaldehyde	6.93	77	294595	28.636	ng	93
10) Phenol	6.99	94	574687	39.275	ng	93
11) bis(2-Chloroethyl)ether	7.22	93	412693	38.805	ng	98
12) 1,3-Dichlorobenzene	7.67	146	456521	36.219	ng	96
13) 1,4-Dichlorobenzene	7.82	146	465997	36.598	ng	97
14) 1,2-Dichlorobenzene	8.13	146	444934	36.678	ng	98
15) Benzyl Alcohol	8.03	79	481645	36.749	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.32	45	306100	34.711	ng	98
17) 2-Methylphenol	8.23	107	370668	39.352	ng	96
18) Hexachloroethane	8.85	117	186000	35.034	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	416167	35.788	ng	96
20) 3+4-Methylphenols	8.56	107	496046	39.624	ng	95
22) Acetophenone	8.62	105	660942	39.903	ng	# 94
24) Nitrobenzene	8.99	77	592336	37.215	ng	97
25) Isophorone	9.52	82	1029278	38.881	ng	99
26) 2-Nitrophenol	9.70	139	230969	48.066	ng	95
27) 2,4-Dimethylphenol	9.75	122	380724	47.591	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	564499	39.152	ng	99
29) 2,4-Dichlorophenol	10.23	162	423299	41.962	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	487048	39.238	ng	98
31) Naphthalene	10.63	128	1219623	38.778	ng	100
32) Benzoic acid	9.90	122	227120	41.017	ng	93
33) 4-Chloroaniline	10.75	127	253655	19.595	ng	98
34) Hexachlorobutadiene	10.89	225	320167	36.463	ng	95
35) Caprolactam	11.56	113	119005m	39.453	ng	
36) 4-Chloro-3-methylphenol	11.87	107	452075	38.135	ng	94
37) 2-Methylnaphthalene	12.25	142	916939	39.991	ng	96
38) 1-Methylnaphthalene	12.46	142	871767	38.881	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	571051	40.225	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	884892	105.862	ng	99
43) 2,4,6-Trichlorophenol	12.86	196	364510	45.178	ng	98
44) 2,4,5-Trichlorophenol	12.93	196	373563	41.445	ng	97
46) 1,1'-Biphenyl	13.26	154	1187239	39.751	ng	98
47) 2-Chloronaphthalene	13.30	162	954152	40.013	ng	99
48) 2-Nitroaniline	13.52	65	318338	37.497	ng	93
49) Acenaphthylene	14.15	152	1434601	37.591	ng	98
50) Dimethylphthalate	13.89	163	1148258	37.232	ng	99
51) 2,6-Dinitrotoluene	14.02	165	244359	37.619	ng	94
52) Acenaphthene	14.49	154	835940	38.197	ng	98
53) 3-Nitroaniline	14.35	138	135546	22.483	ng	99
54) 2,4-Dinitrophenol	14.56	184	290998	88.438	ng	93
55) Dibenzofuran	14.83	168	1392063	37.710	ng	96
56) 4-Nitrophenol	14.66	139	360446	70.075	ng	86
57) 2,4-Dinitrotoluene	14.80	165	336493	38.124	ng	92
58) Fluorene	15.48	166	1102601	36.369	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	341149	39.829	ng	96
60) Diethylphthalate	15.25	149	1076548	34.648	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	633408	36.873	ng	95
62) 4-Nitroaniline	15.52	138	216470	32.536	ng	91
63) Azobenzene	15.77	77	1229340	33.538	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	178171	46.151	ng	97
66) n-Nitrosodiphenylamine	15.69	169	950452	41.918	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	384681	40.712	ng	96
68) Hexachlorobenzene	16.47	284	436226	40.119	ng	98
69) Atrazine	16.64	200	336922	38.024	ng	97
70) Pentachlorophenol	16.82	266	508792	81.783	ng	99
71) Phenanthrene	17.22	178	1622281	38.140	ng	99
72) Anthracene	17.31	178	1670347	39.277	ng	99
73) Carbazole	17.59	167	1382377	36.025	ng	99
74) Di-n-butylphthalate	18.14	149	1654652	35.830	ng	97
75) Fluoranthene	19.24	202	1849048	34.358	ng	99
77) Benzidine	19.43	184	952040	48.478	ng	99
78) Pyrene	19.60	202	1850288	44.865	ng	100
80) Butylbenzylphthalate	20.50	149	669043	44.610	ng	98
81) Benzo(a)anthracene	21.34	228	1571478	36.479	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	426711	25.953	ng	98
83) Chrysene	21.40	228	1559485	37.327	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	922663	39.647	ng	99
85) Di-n-octyl phthalate	22.16	149	1480120	38.266	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1793359	36.087	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1505389	36.932	ng	99
89) Benzo(k)fluoranthene	23.00	252	1486693	39.984	ng	100
90) Benzo(a)pyrene	23.55	252	1474671	39.829	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	1539411	39.980	ng	99
92) Benzo(g,h,i)perylene	26.70	276	1532958	41.934	ng	99

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

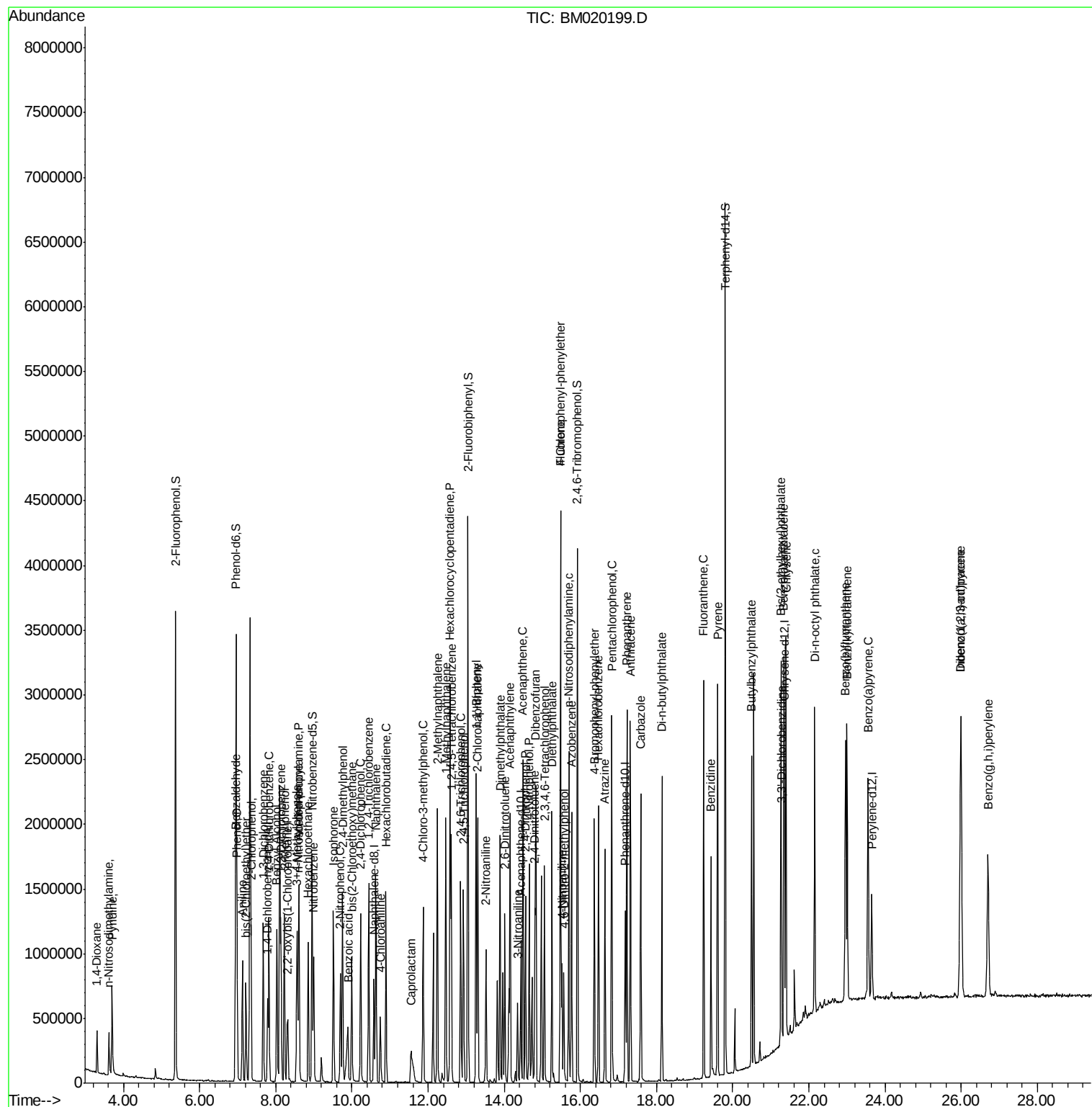
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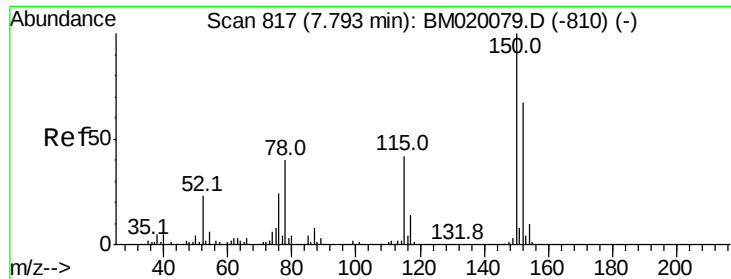
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#1

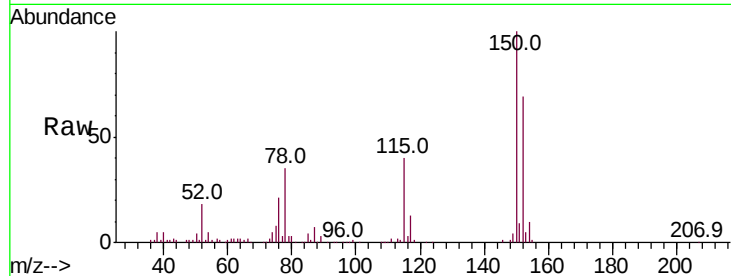
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

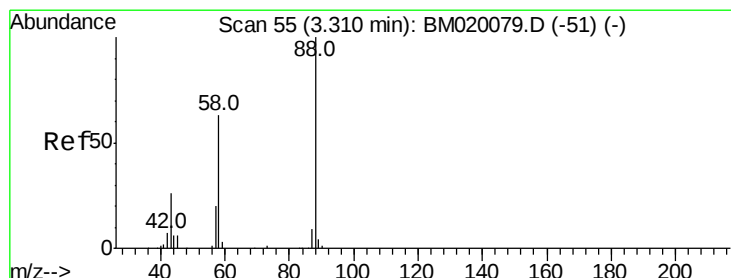
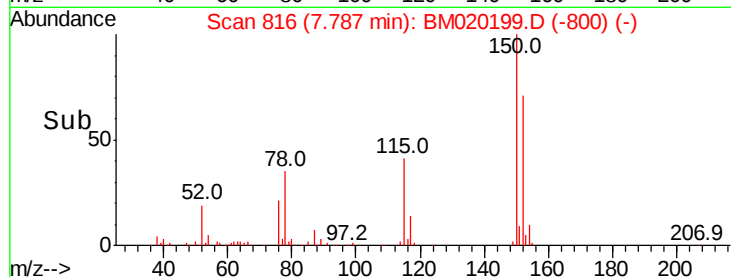
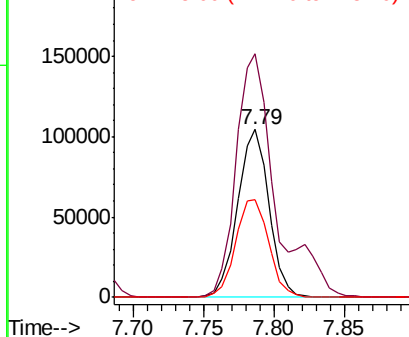
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	119.8	179.8
115	58.5	50.8	76.2

Manual Integrations
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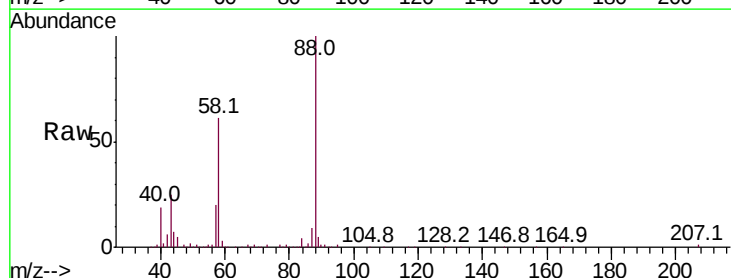
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



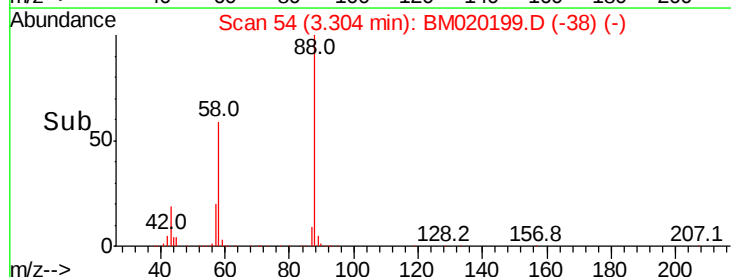
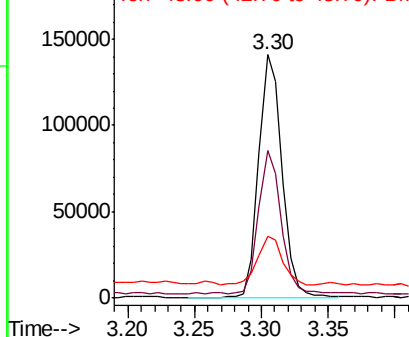
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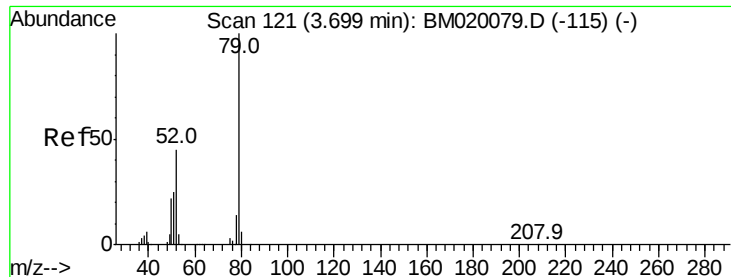
1,4-Dioxane
Concen: 34.468 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	51.8	77.6
43	21.3	20.3	30.5



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.385 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

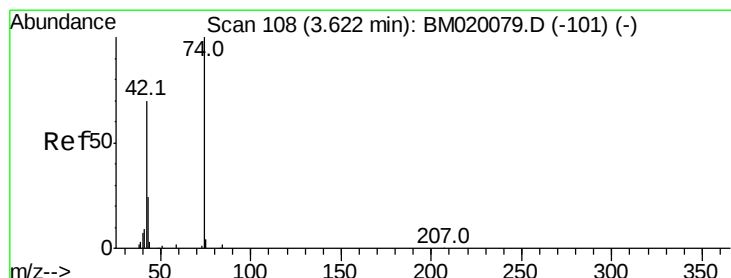
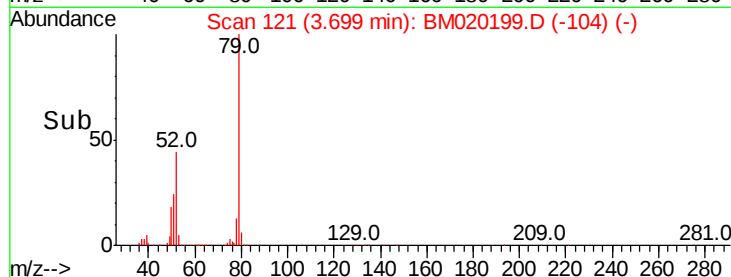
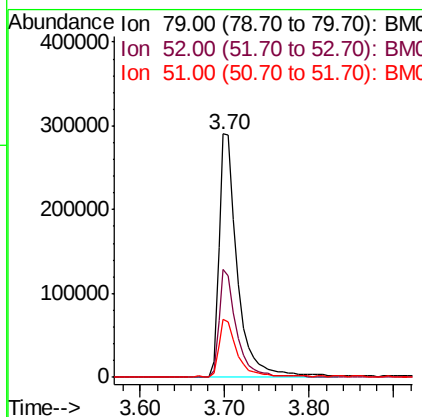
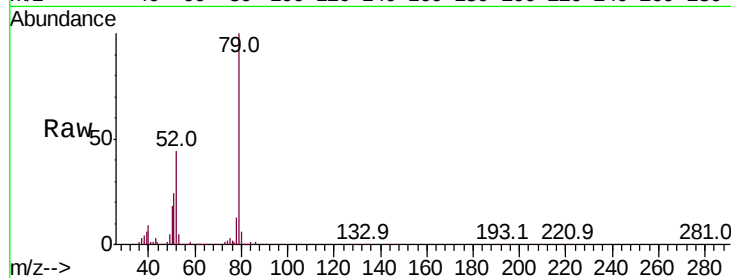
ClientSampleId :

PB119532BS

Tot Ion:	79	Resp:	441600
Ion Ratio	Lower	Upper	
79	100		
52	44.3	35.7	53.5
51	23.9	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 34.106 ng

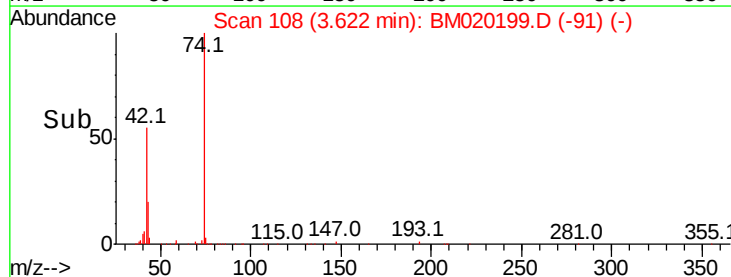
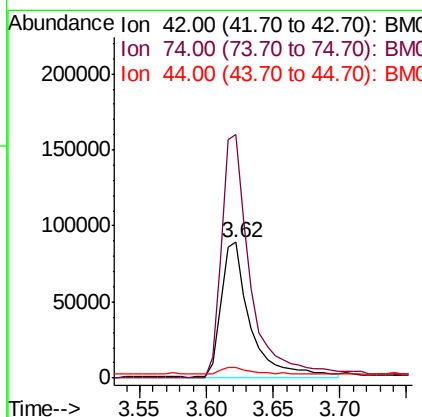
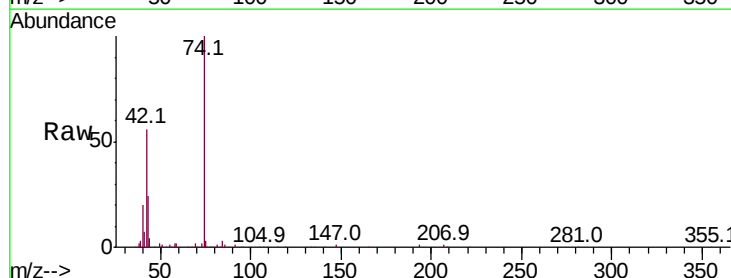
RT: 3.62 min Scan# 108

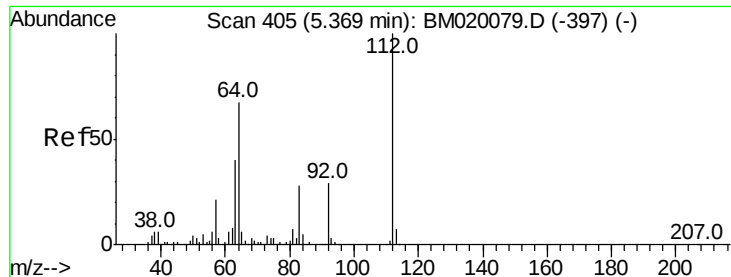
Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Tgt Ion:	42	Resp:	136487
Ion Ratio	Lower	Upper	
42	100		
74	179.2	113.7	170.5#
44	7.9	3.9	5.9#





#5

2-Fluorophenol

Concen: 136.435 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tot Ion:112 Resp: 1357440

Ion Ratio Lower Upper

112 100

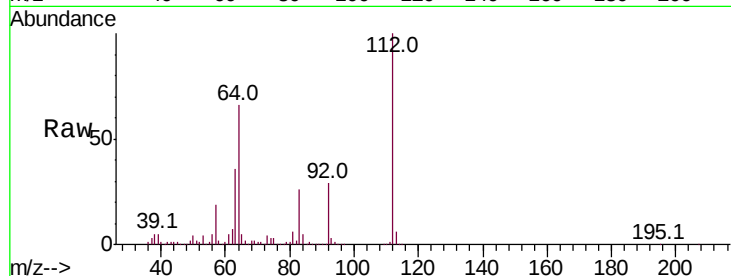
64 65.9 53.8 80.6

63 36.1 32.3 48.5

Manual Integrations
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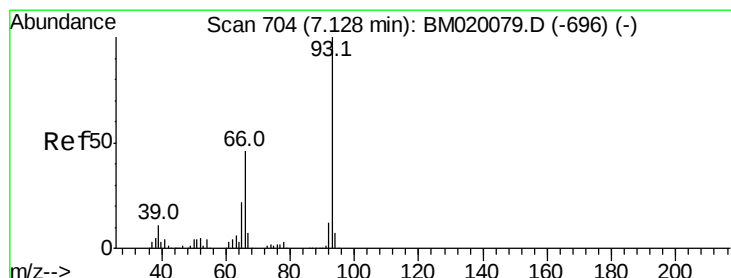
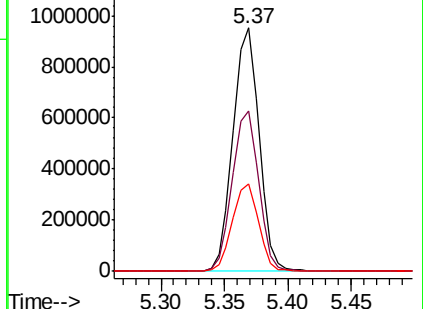
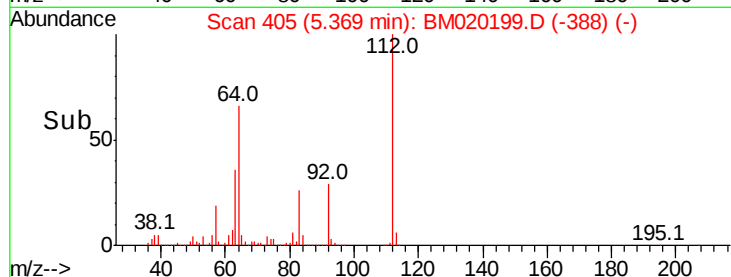
5/9/2019 6:45:30 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 34.196 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

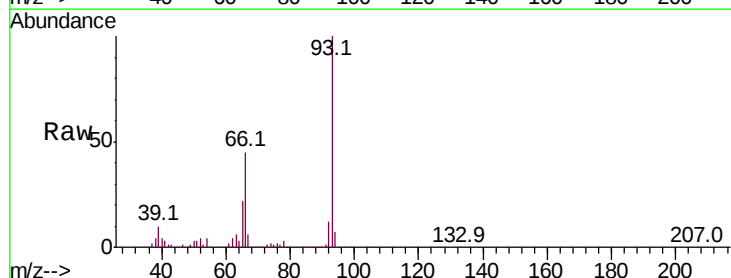
Tgt Ion: 93 Resp: 585087

Ion Ratio Lower Upper

93 100

66 44.6 36.6 54.8

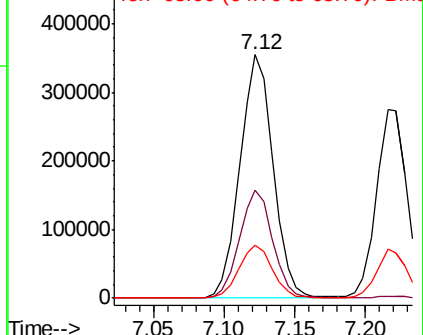
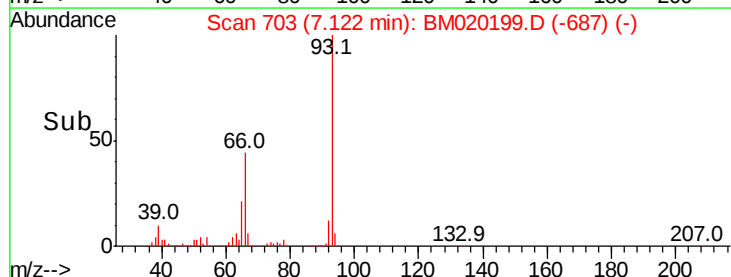
65 21.6 17.8 26.6

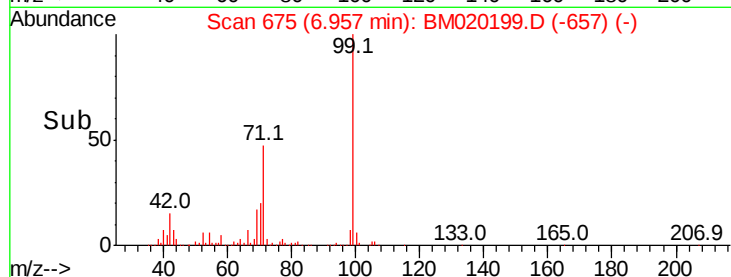
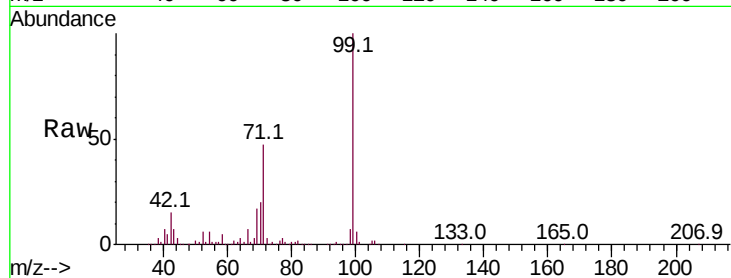
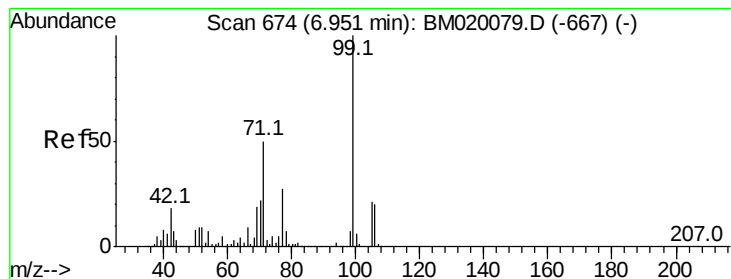


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 136.899 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Tot Ion:	99	Resp:	1860750
Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.2	21.2
71	46.9	40.3	60.5

Instrument :

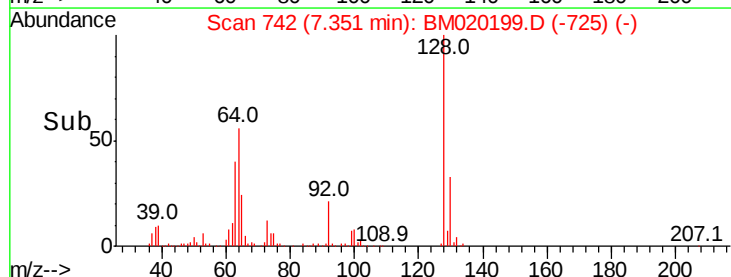
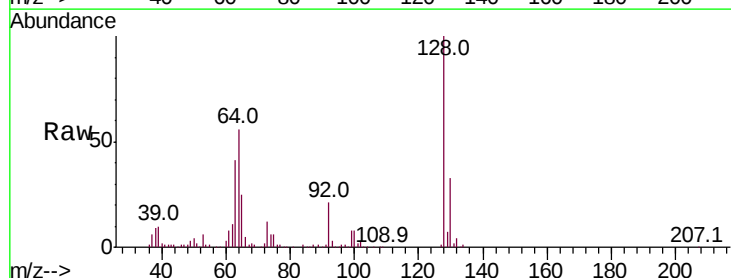
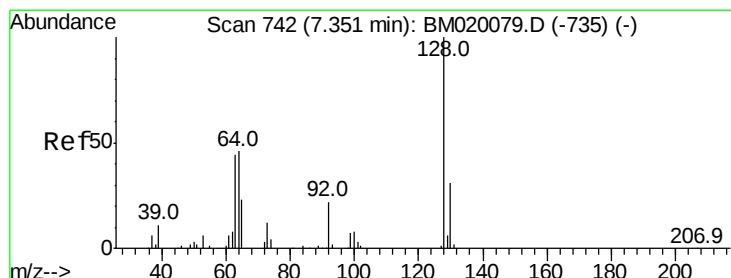
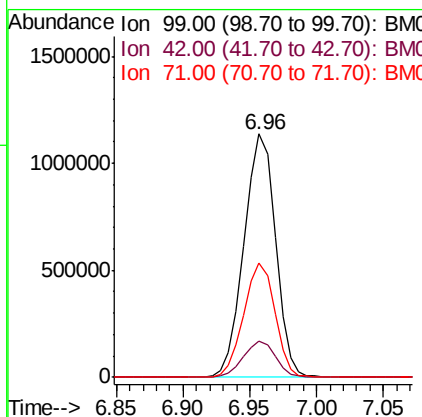
BNA_M

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#8

2-Chlorophenol

Concen: 38.564 ng

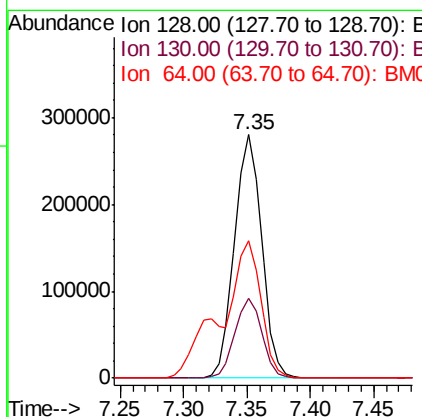
RT: 7.35 min Scan# 742

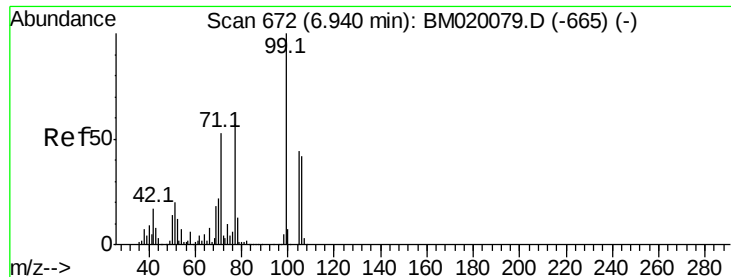
Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Tgt Ion:	128	Resp:	417772
Ion	Ratio	Lower	Upper
128	100		
130	32.8	10.8	50.8
64	56.3	36.5	76.5





#9

Benzaldehyde

Concen: 28.636 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tot Ion: 77 Resp: 294595

Ion Ratio Lower Upper

77 100

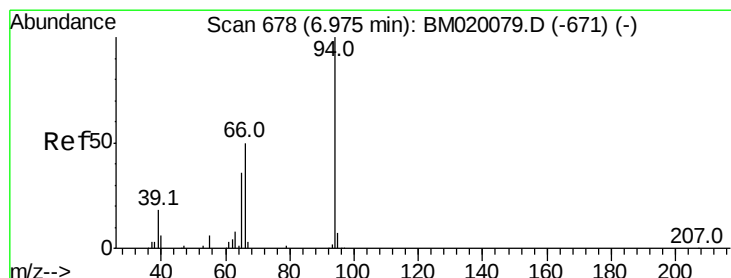
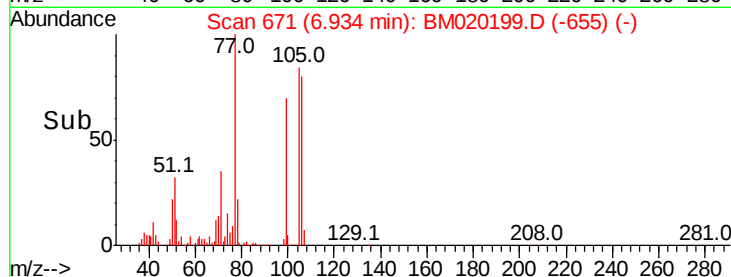
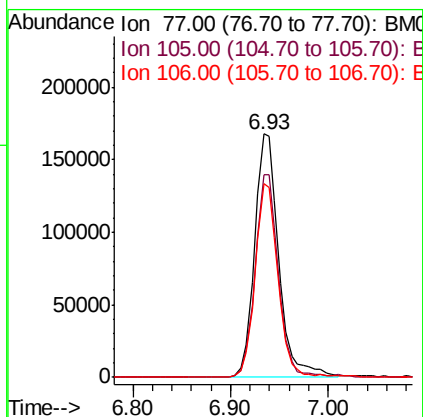
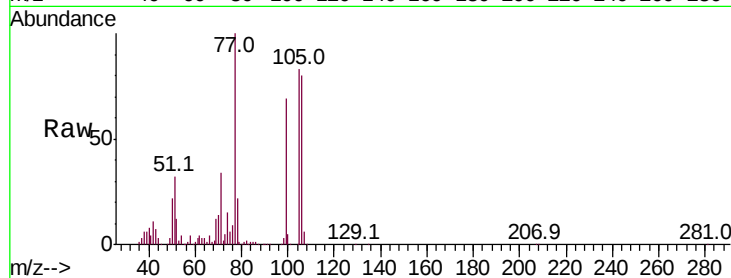
105 83.5 57.8 97.8

106 79.7 53.6 93.6

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#10

Phenol

Concen: 39.275 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

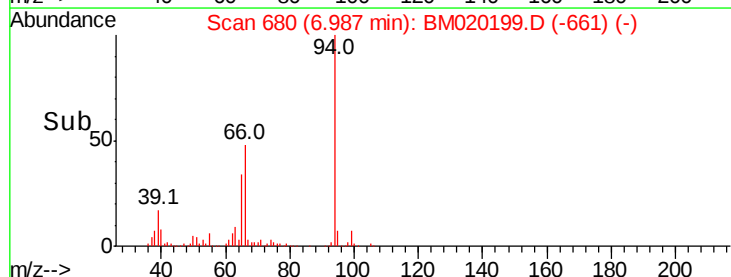
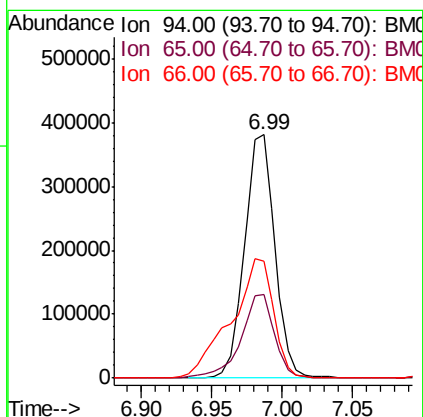
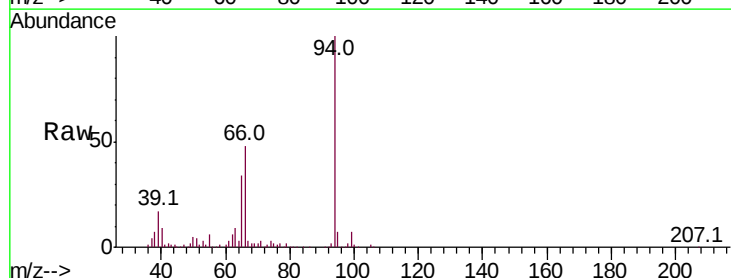
Tgt Ion: 94 Resp: 574687

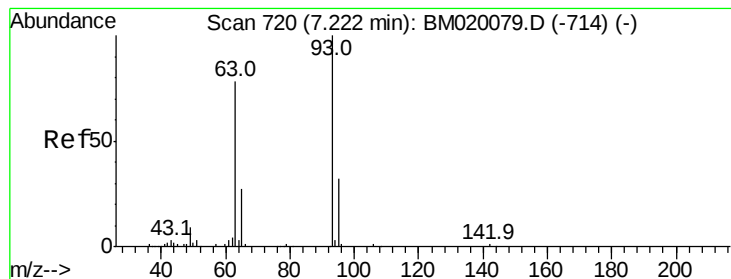
Ion Ratio Lower Upper

94 100

65 34.3 17.0 57.0

66 47.8 34.5 74.5





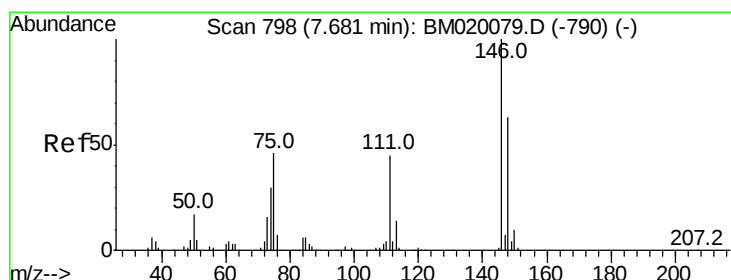
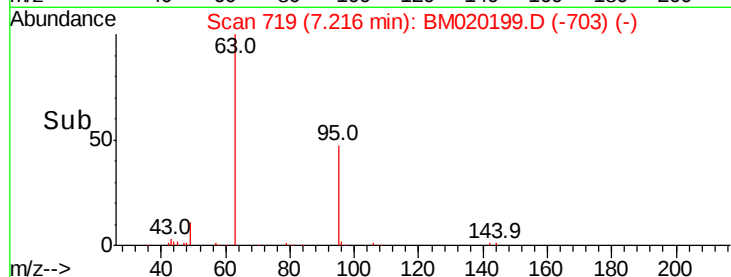
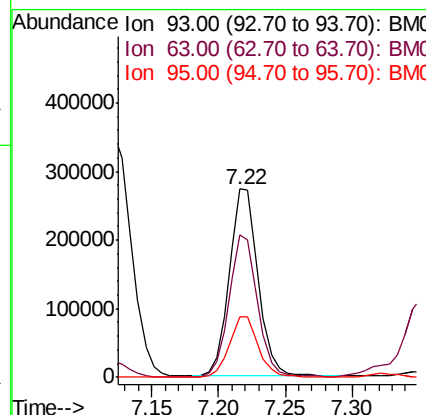
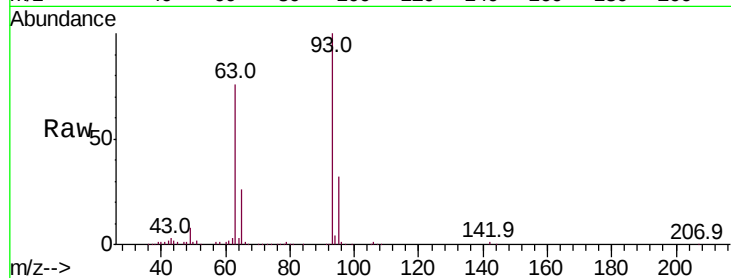
#11
bis(2-Chloroethyl)ether
Concen: 38.805 ng
RT: 7.22 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	412693		
63	75.8	57.9	97.9	
95	32.2	11.3	51.3	

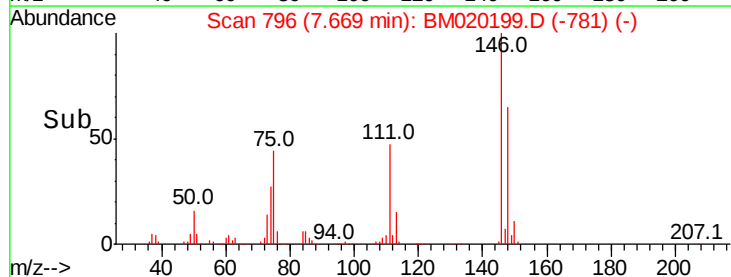
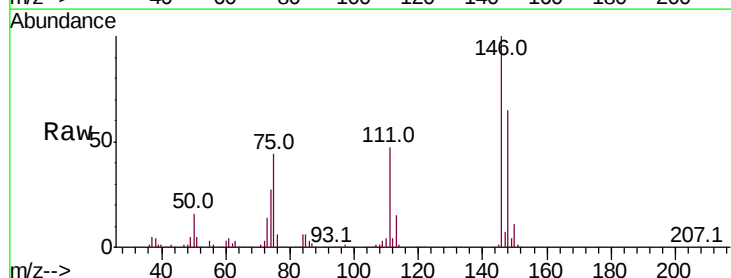
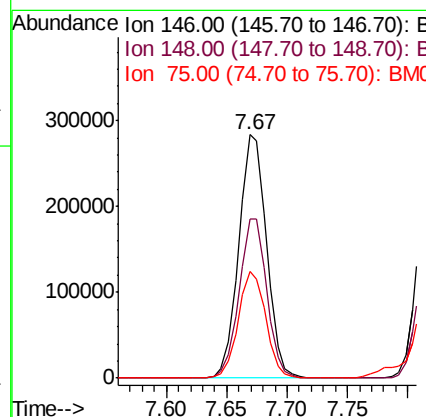
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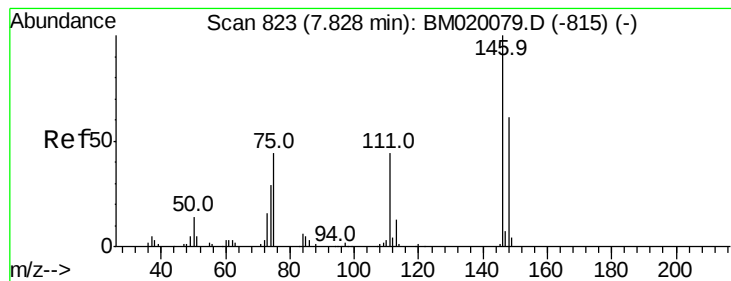
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#12
1,3-Dichlorobenzene
Concen: 36.219 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	456521		
148	65.2	50.1	75.1	
75	43.9	37.2	55.8	





#13

1,4-Dichlorobenzene

Concen: 36.598 ng

RT: 7.82 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

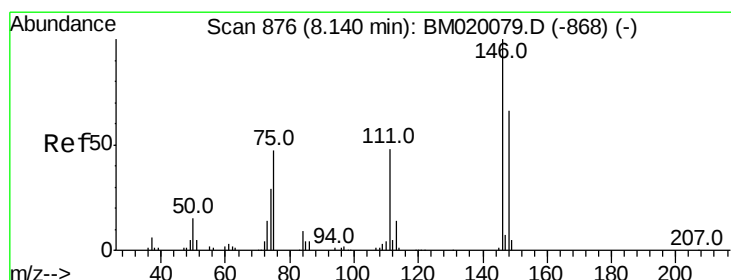
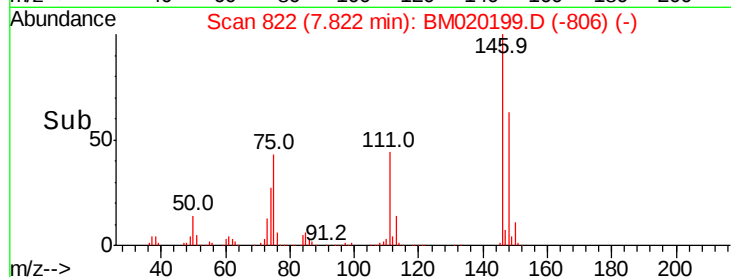
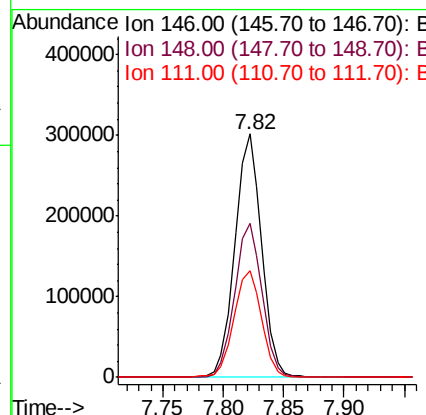
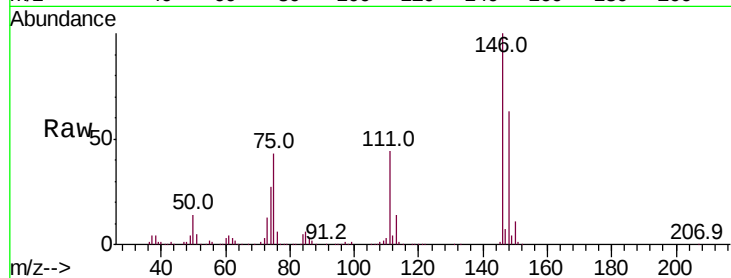
ClientSampleId :

PB119532BS

Tot Ion:	146	Resp:	465997
Ion Ratio	Lower	Upper	
146	100		
148	63.1	48.5	72.7
111	43.6	35.7	53.5

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#14

1,2-Dichlorobenzene

Concen: 36.678 ng

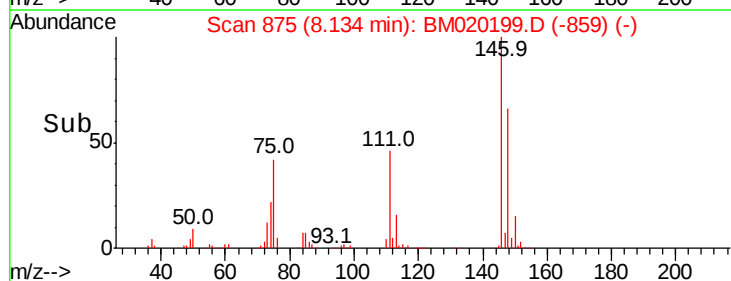
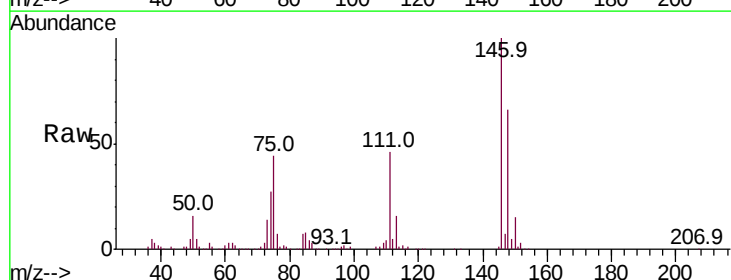
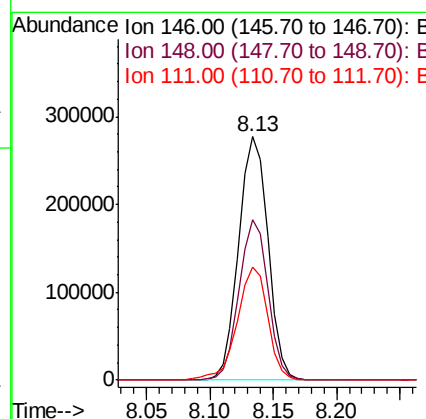
RT: 8.13 min Scan# 875

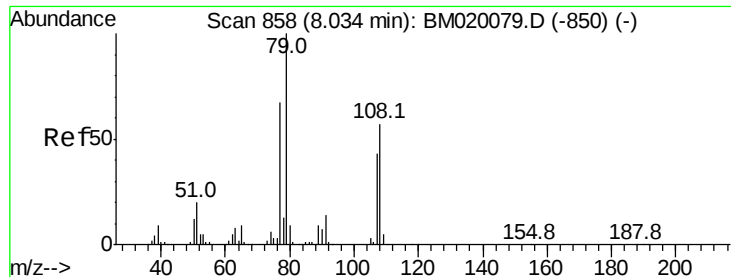
Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Tgt Ion:	146	Resp:	444934
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.6	79.0
111	46.5	39.0	58.4





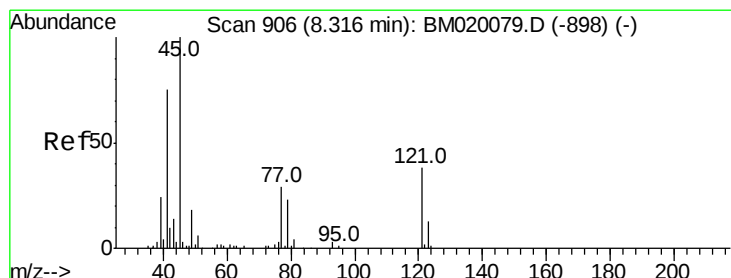
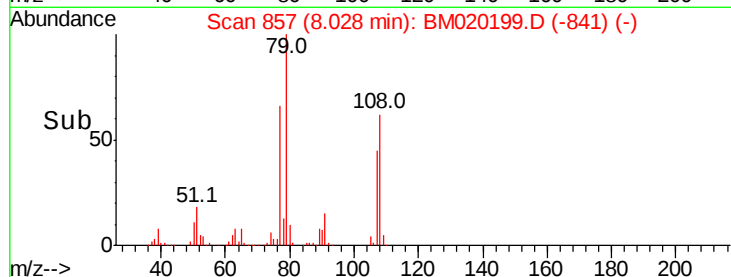
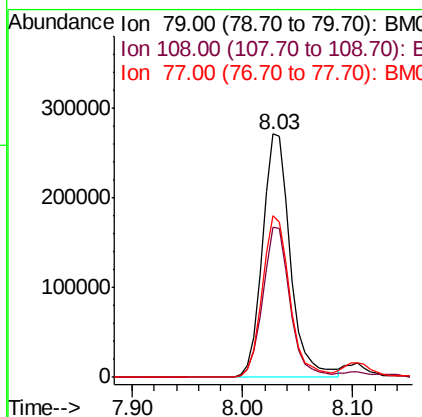
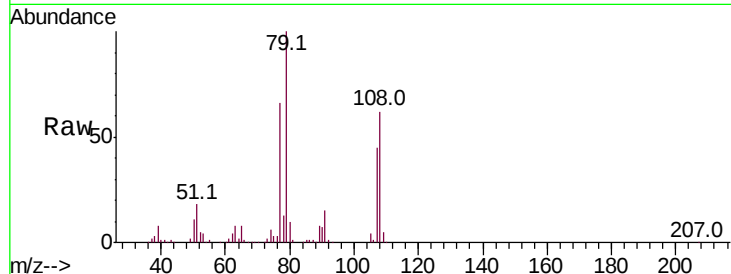
#15
Benzyl Alcohol
Concen: 36.749 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampled :
PB119532BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.8	46.0	69.0
77	66.5	53.8	80.6

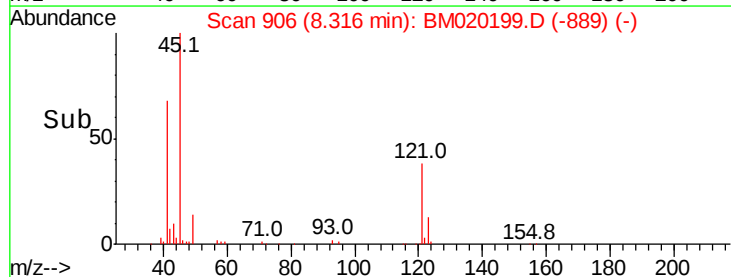
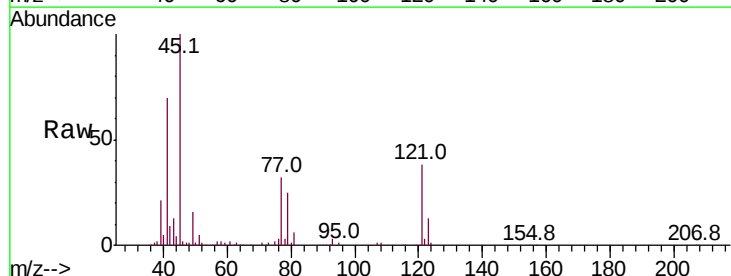
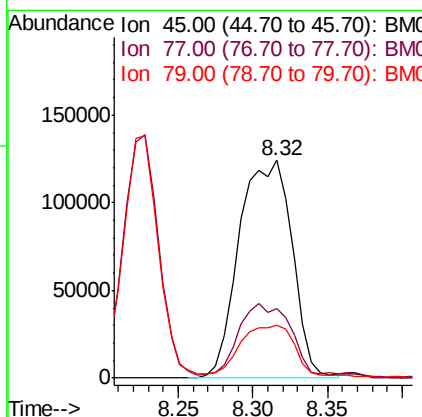
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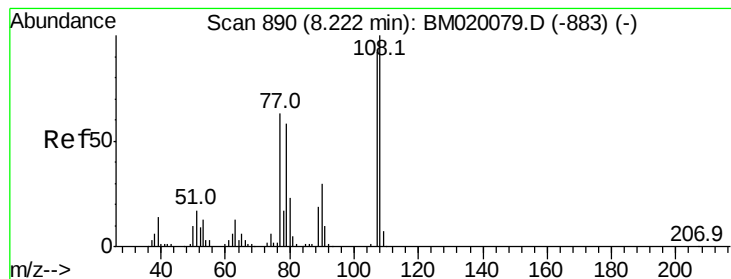
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.711 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.7	10.5	50.5
79	24.5	3.3	43.3





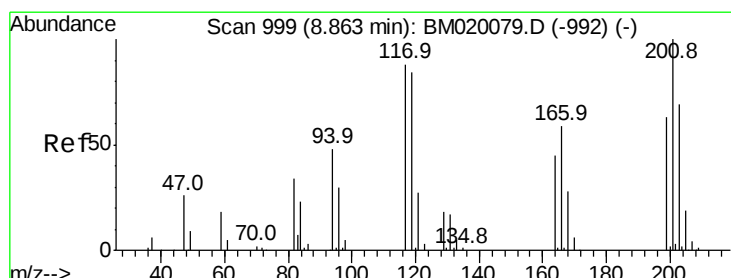
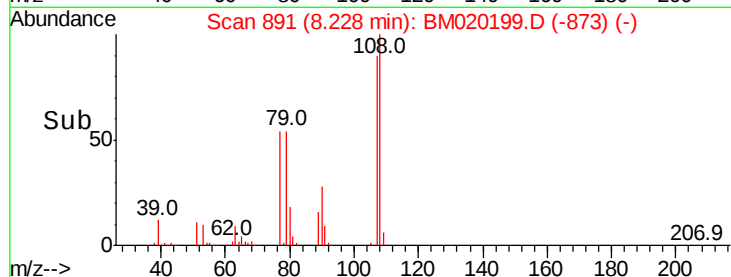
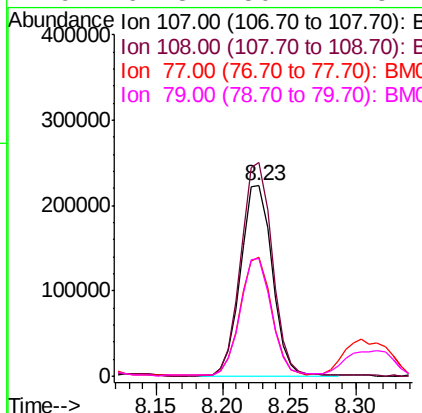
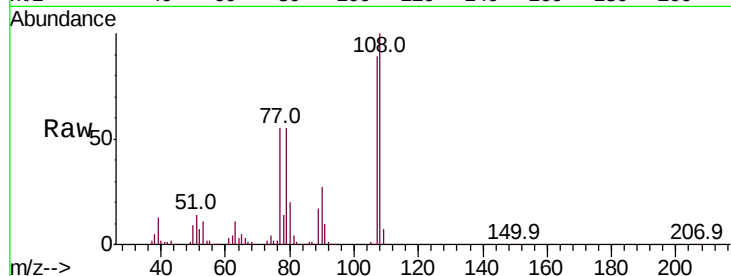
#17
2-Methylphenol
Concen: 39.352 ng
RT: 8.23 min Scan# 891
Delta R.T. 0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	87.0	130.4	
77	62.2	54.7	82.1	
79	61.8	50.1	75.1	

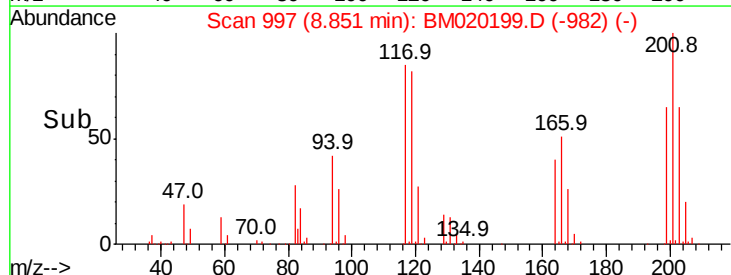
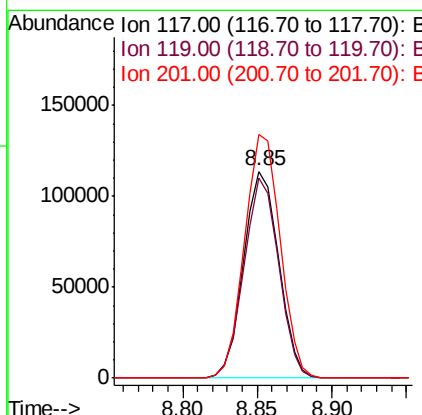
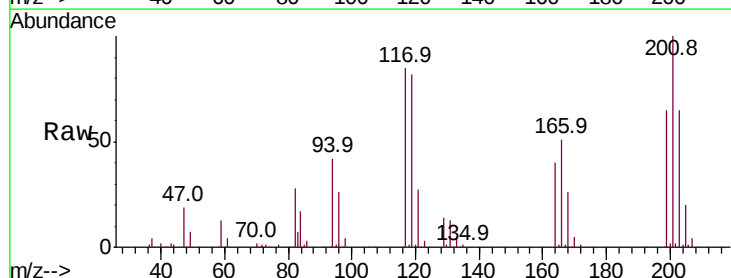
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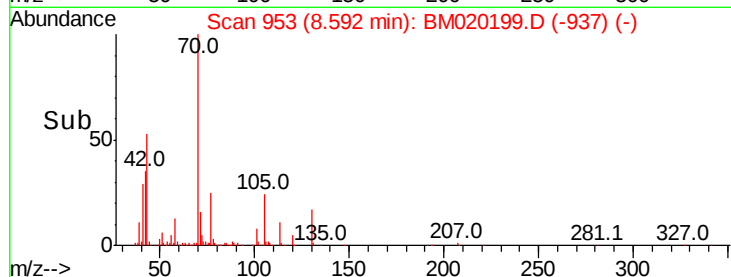
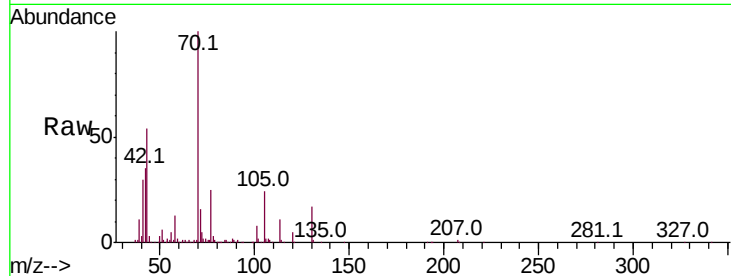
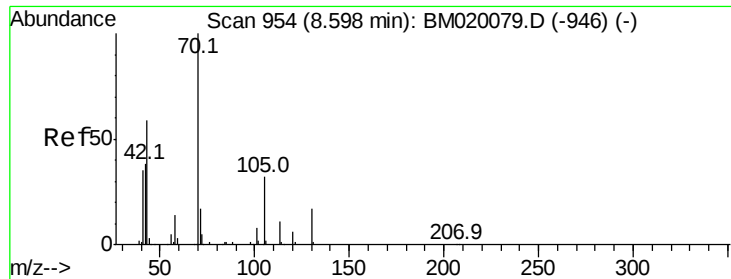
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#18
Hexachloroethane
Concen: 35.034 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.6	114.8	
201	117.5	90.7	136.1	





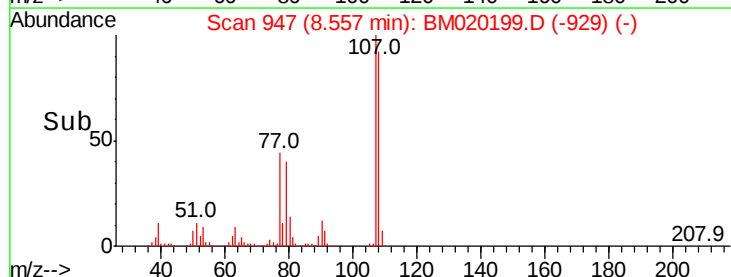
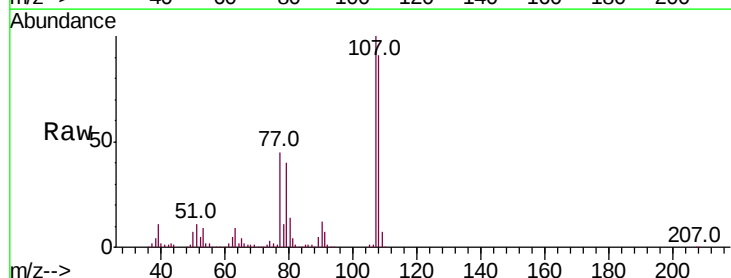
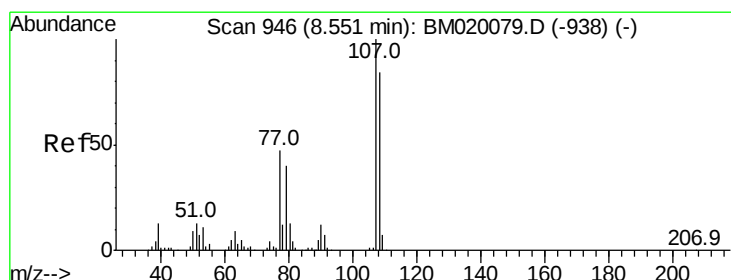
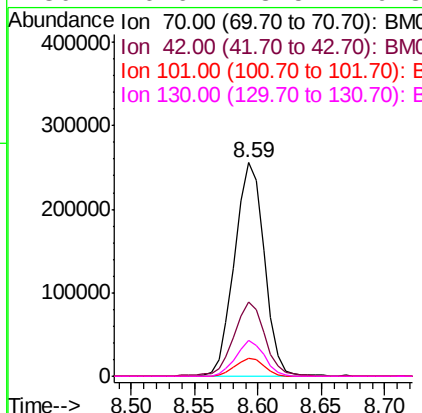
#19
n-Nitroso-di-n-propylamine
Concen: 35.788 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	35.0	31.0	46.4	
101	8.3	6.2	9.2	
130	16.6	13.5	20.3	

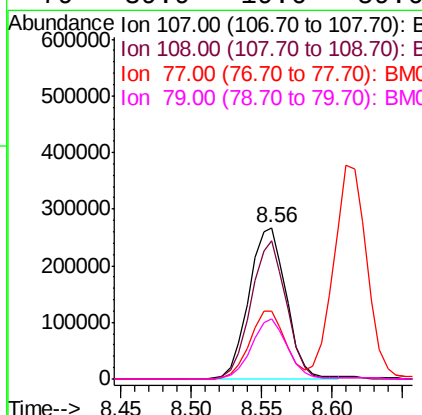
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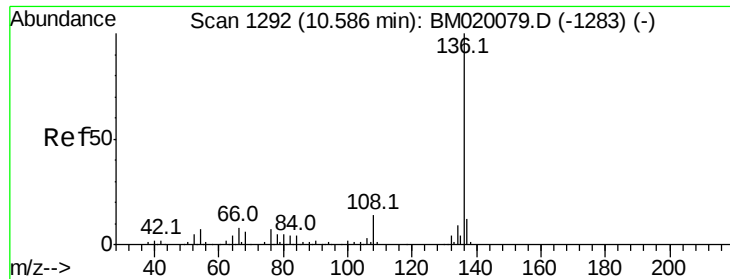
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#20
3+4-Methylphenols
Concen: 39.624 ng
RT: 8.56 min Scan# 947
Delta R.T. 0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.5	64.4	104.4	
77	44.6	27.2	67.2	
79	39.9	19.6	59.6	





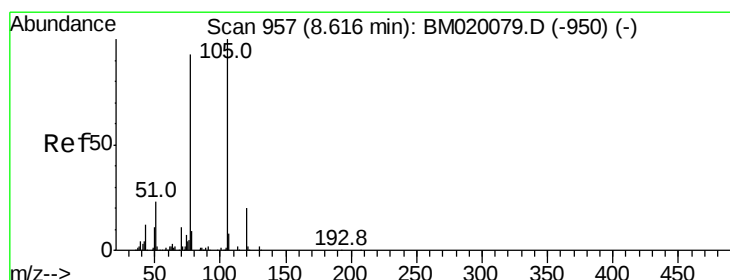
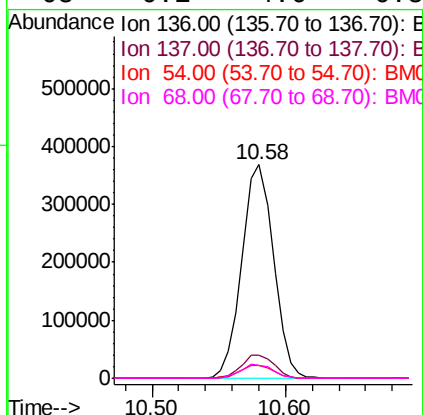
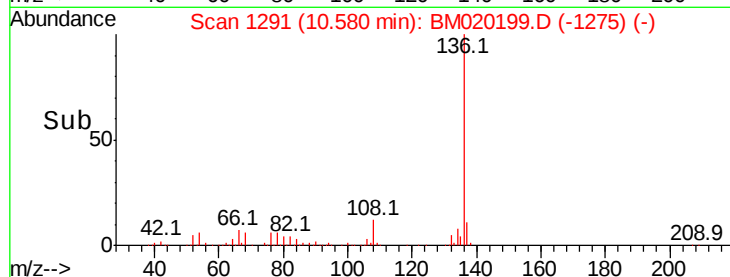
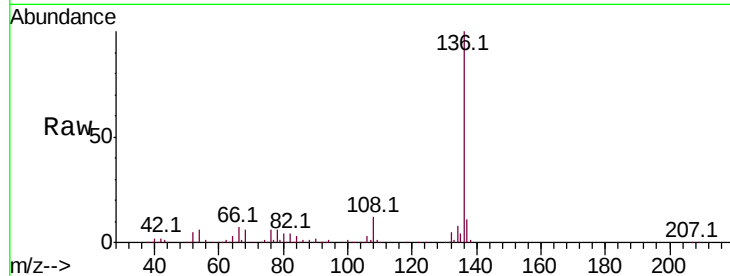
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	606067		
137	10.8		9.6	14.4
54	5.9		5.5	8.3
68	6.1		4.6	6.8

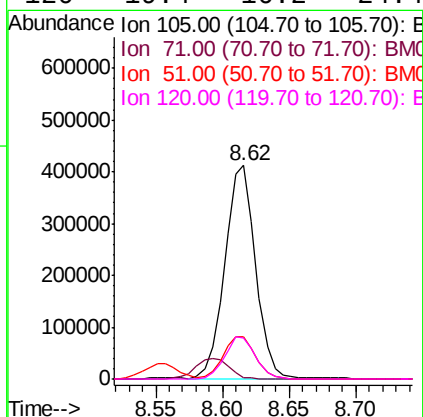
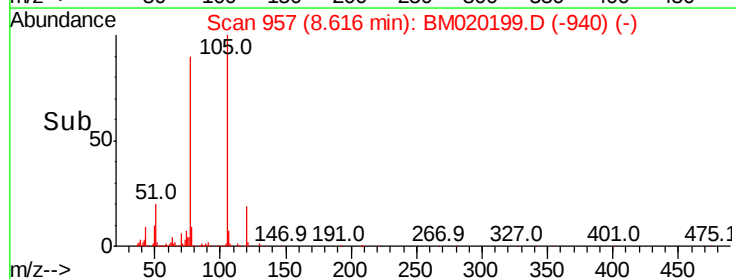
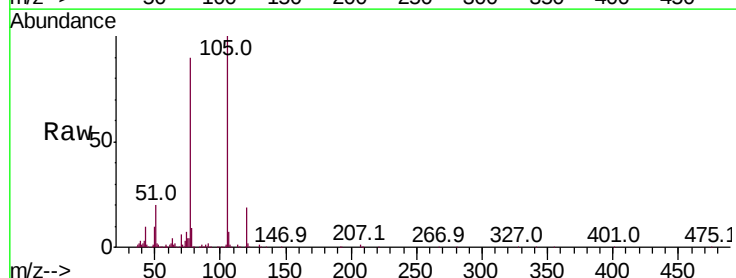
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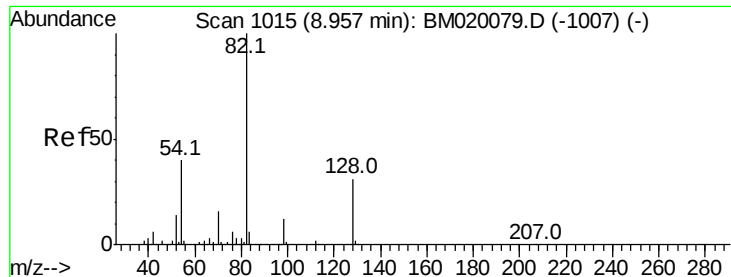
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#22
Acetophenone
Concen: 39.903 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	660942		
71	0.8		2.2	3.2#
51	19.6		19.3	28.9
120	19.4		16.2	24.4





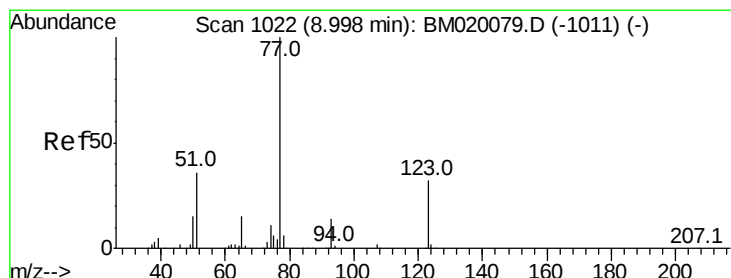
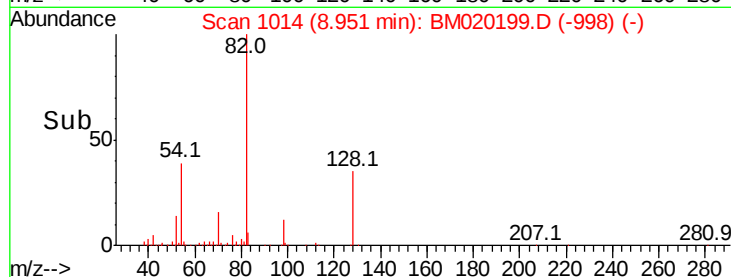
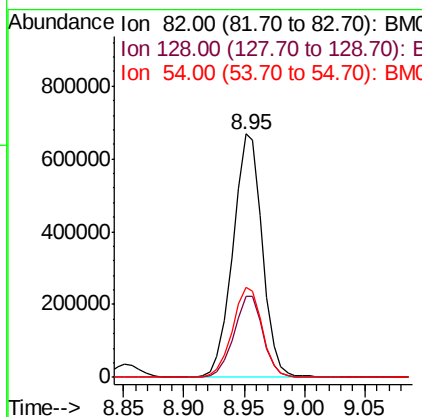
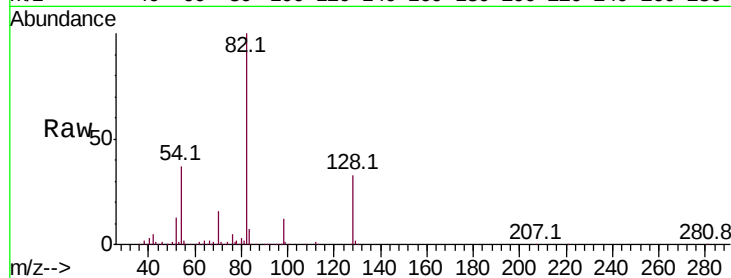
#23
Nitrobenzene-d5
Concen: 73.772 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	25.2	37.8
54	36.8	31.9	47.9

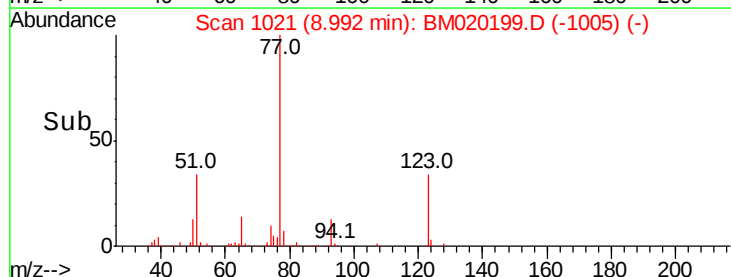
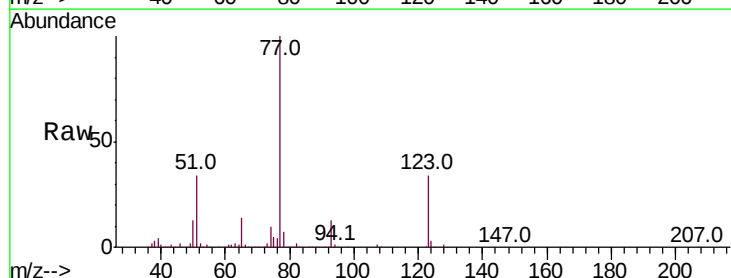
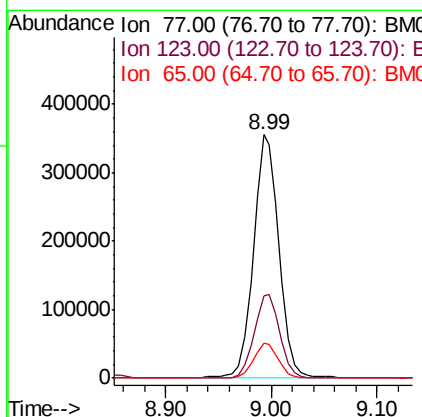
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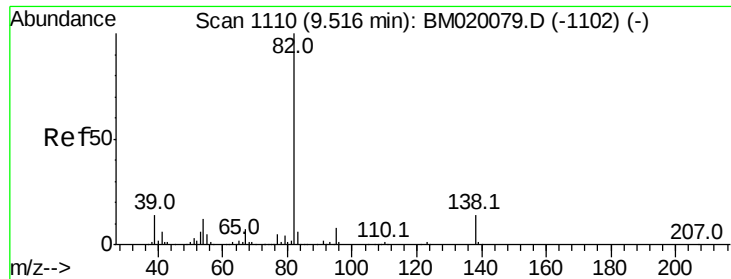
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#24
Nitrobenzene
Concen: 37.215 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.8	25.5	38.3
65	14.3	11.8	17.6





#25

Isophorone

Concen: 38.881 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tot Ion: 82 Resp: 1029278

Ion Ratio Lower Upper

82 100

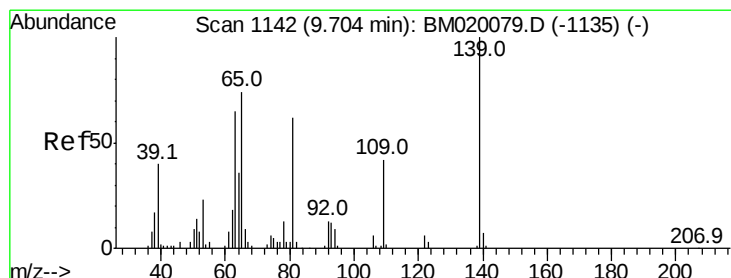
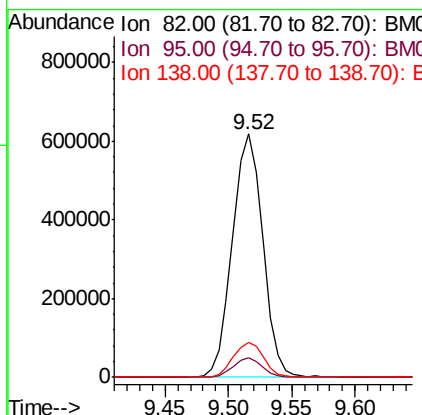
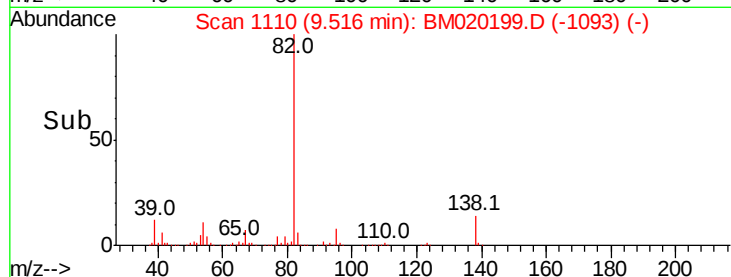
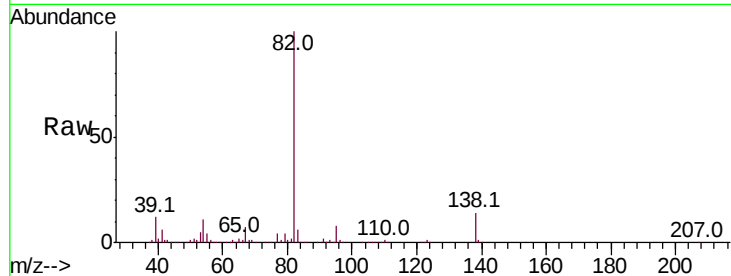
95 7.9 6.4 9.6

138 14.3 11.1 16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.066 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

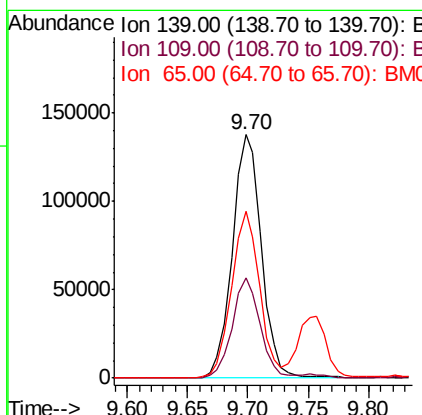
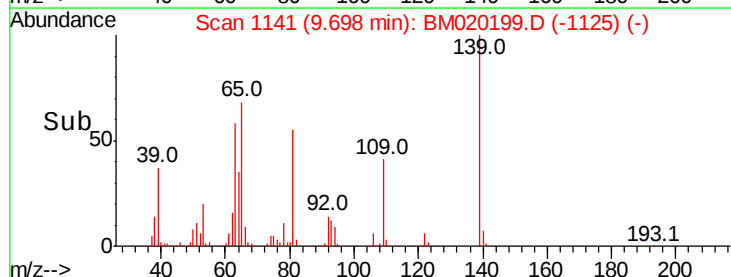
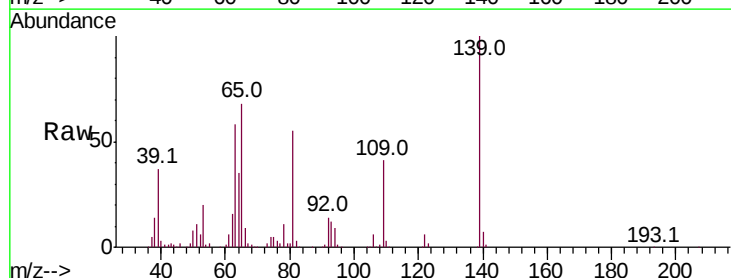
Tgt Ion: 139 Resp: 230969

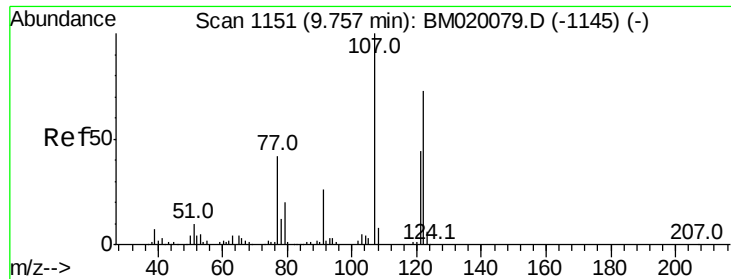
Ion Ratio Lower Upper

139 100

109 41.1 33.7 50.5

65 68.3 59.5 89.3





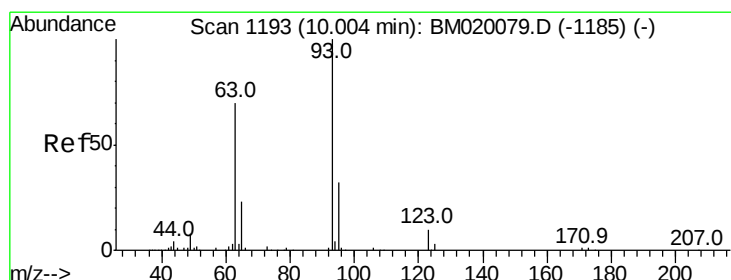
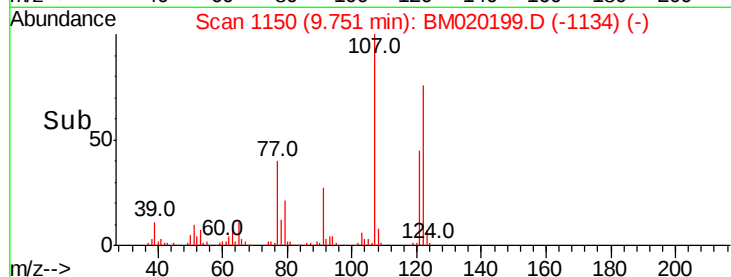
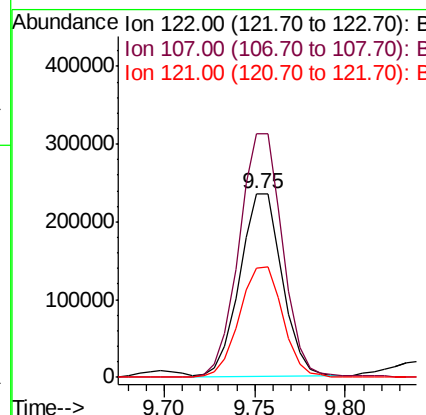
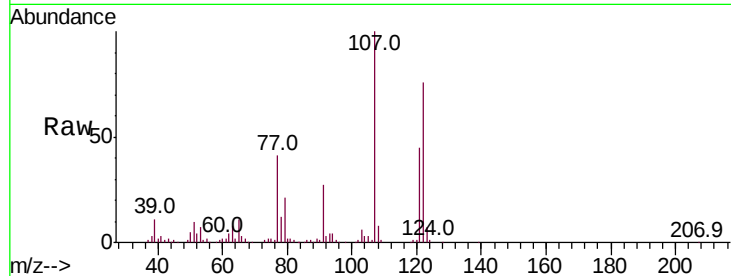
#27
 2,4-Dimethylphenol
 Concen: 47.591 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.4	108.6	162.8
121	59.3	47.4	71.2

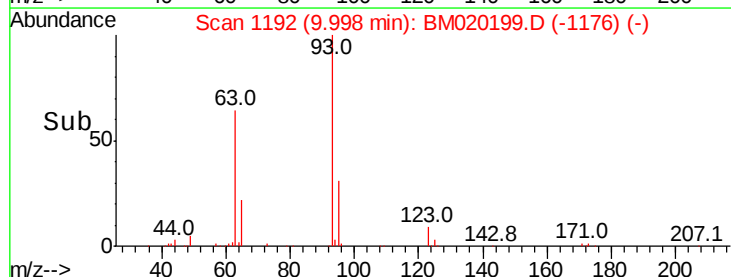
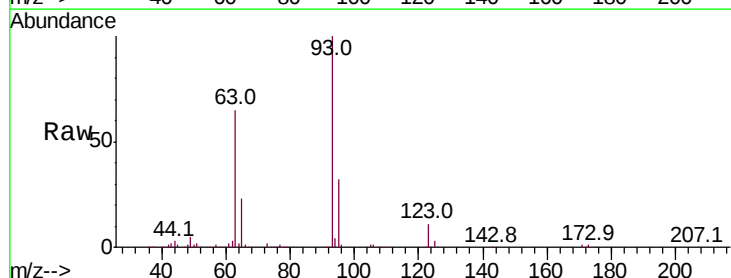
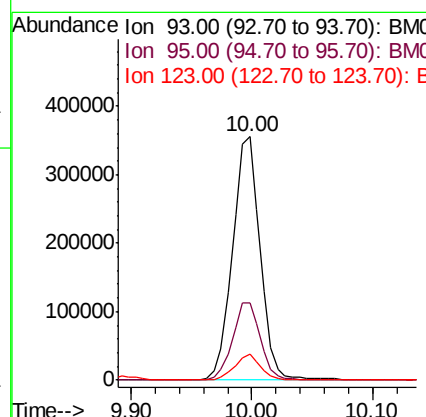
Manual Integrations
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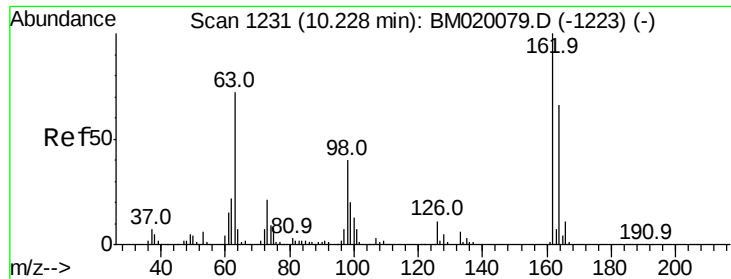
Sohil
 5/9/2019 6:45:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.152 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	10.8	7.6	11.4





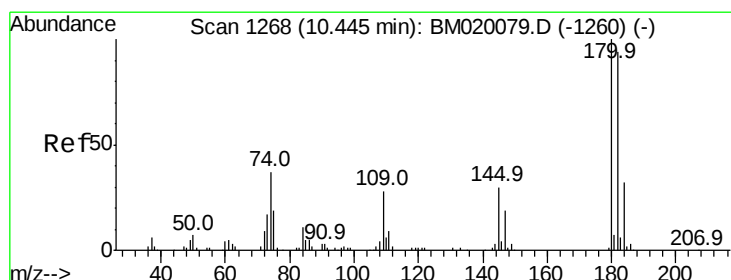
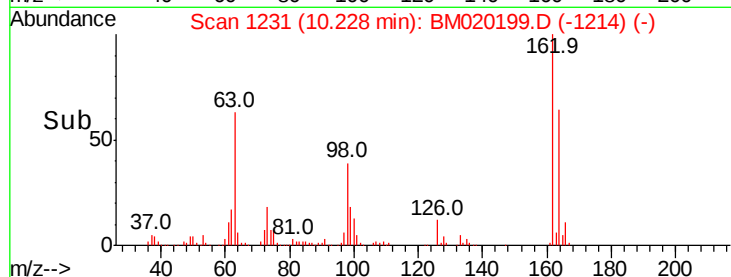
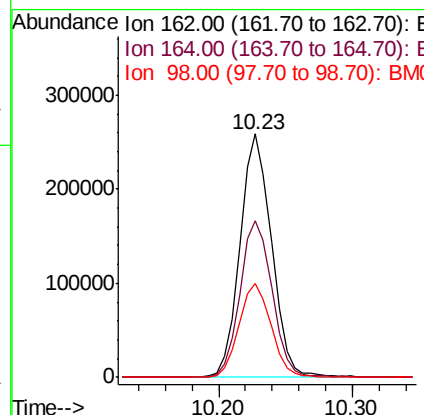
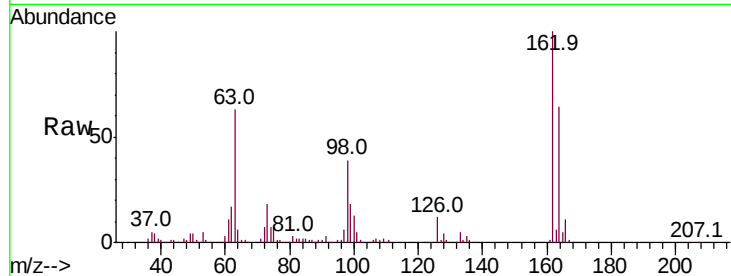
#29
2,4-Dichlorophenol
Concen: 41.962 ng
RT: 10.23 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	423299		
164	64.4	45.6	85.6	
98	38.7	20.4	60.4	

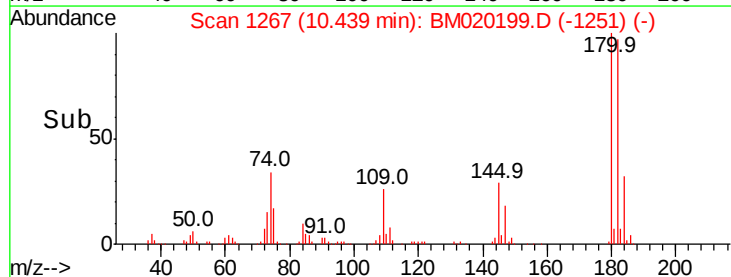
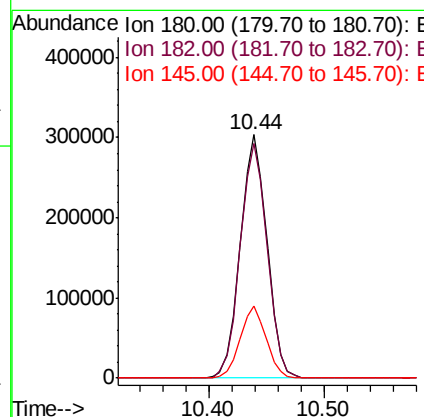
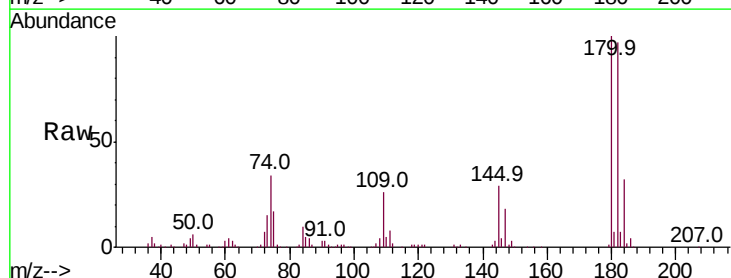
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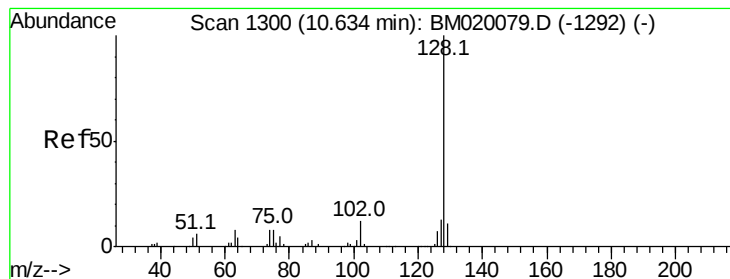
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.238 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	487048		
182	96.5	75.4	113.0	
145	29.4	23.8	35.8	





#31

Naphthalene

Concen: 38.778 ng

RT: 10.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tot Ion:128 Resp: 1219623

Ion Ratio Lower Upper

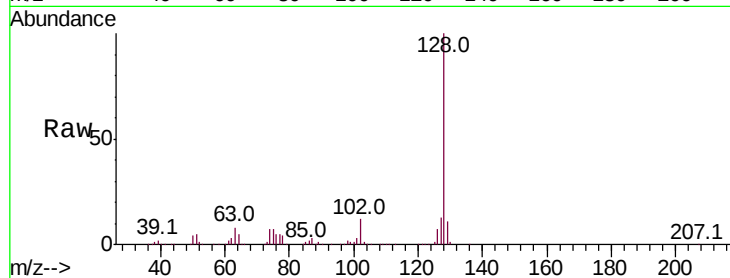
128 100

129 11.2 9.0 13.4

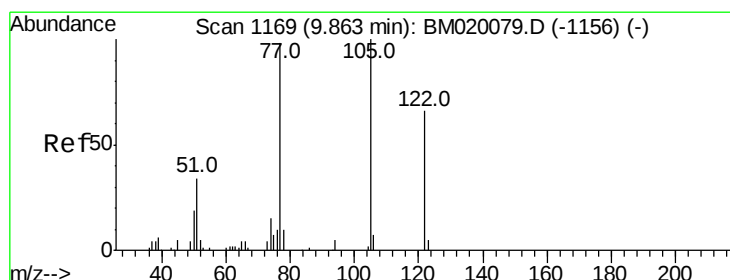
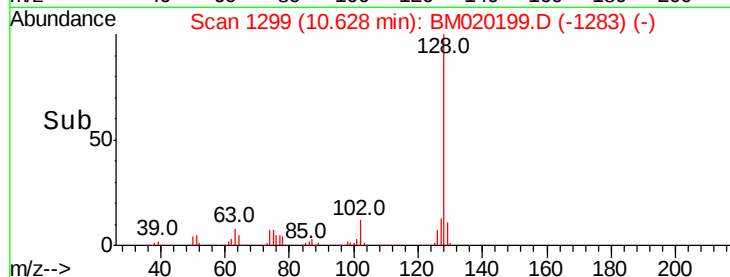
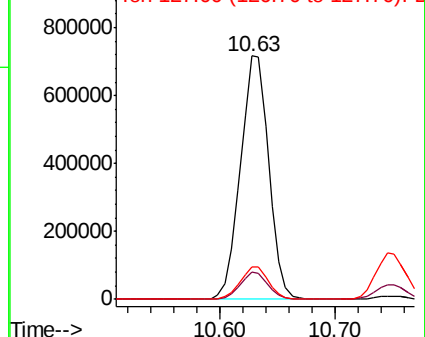
127 13.1 10.4 15.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.017 ng

RT: 9.90 min Scan# 1175

Delta R.T. 0.04 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

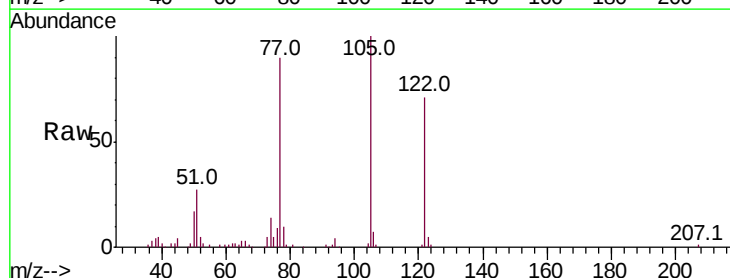
Tgt Ion:122 Resp: 227120

Ion Ratio Lower Upper

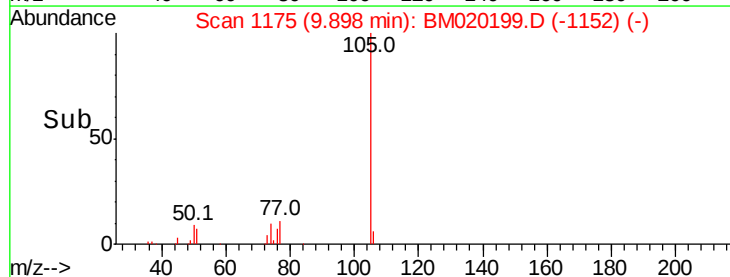
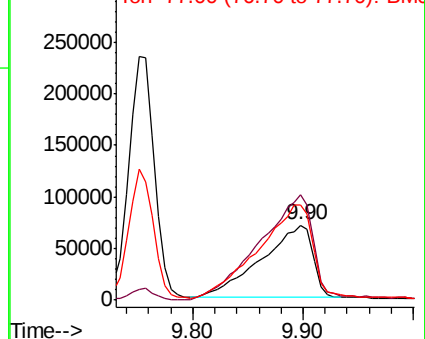
122 100

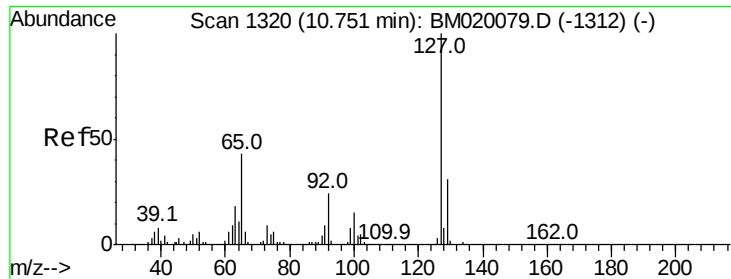
105 141.1 122.5 162.5

77 126.9 123.3 163.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E





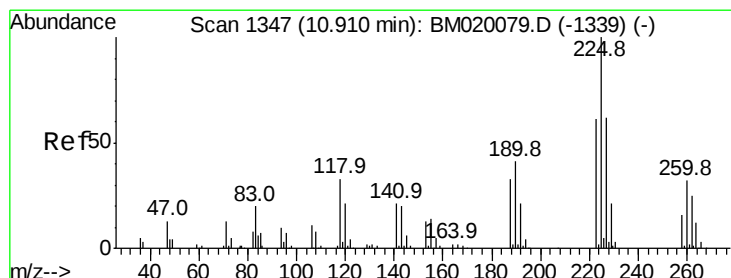
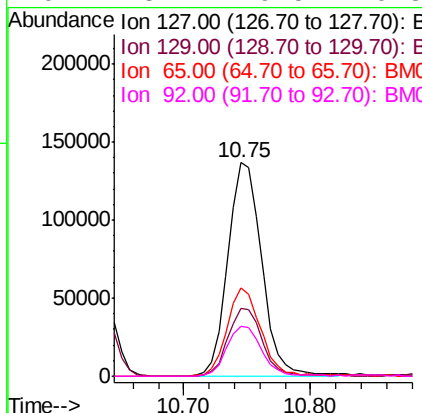
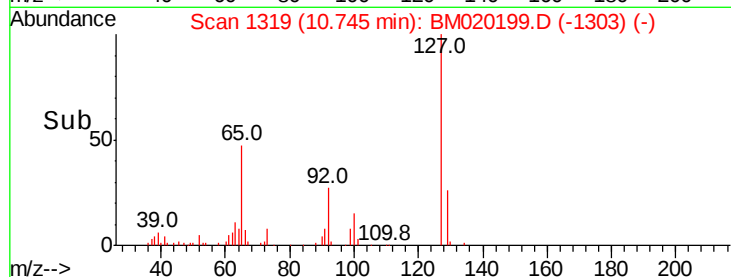
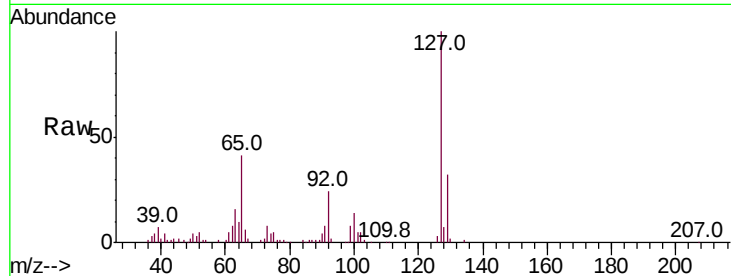
#33
4-Chloroaniline
Concen: 19.595 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	24.7	37.1	
65	41.3	34.6	52.0	
92	23.7	19.5	29.3	

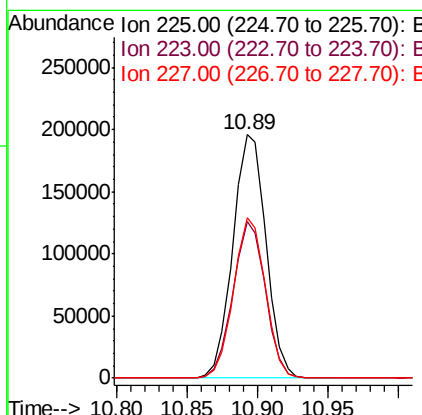
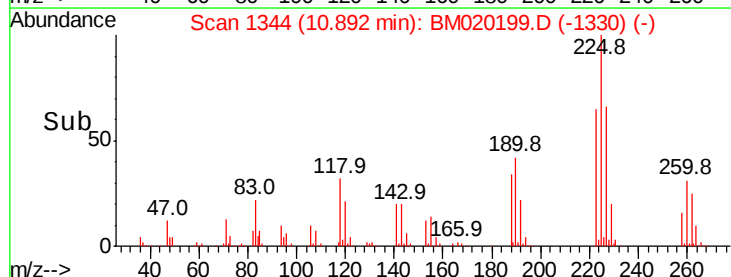
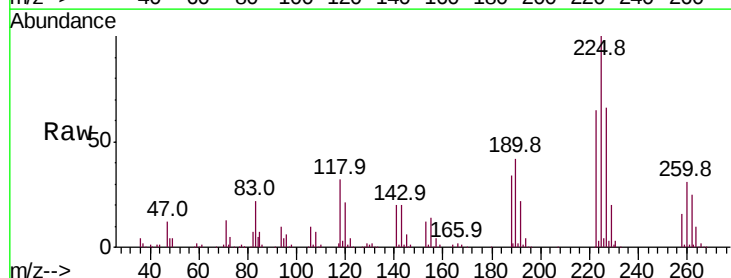
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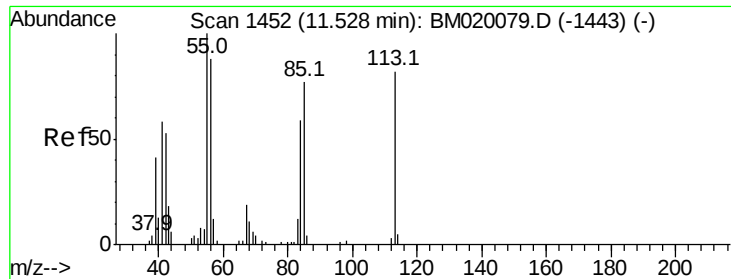
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#34
Hexachlorobutadiene
Concen: 36.463 ng
RT: 10.89 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	48.9	73.3	
227	65.7	49.6	74.4	





#35

Caprolactam

Concen: 39.453 ng/mL

RT: 11.56 min Scan# 1457

Delta R.T. 0.03 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tot Ion:113 Resp: 119005

Ion Ratio Lower Upper

113 100

55 116.3 102.5 142.5

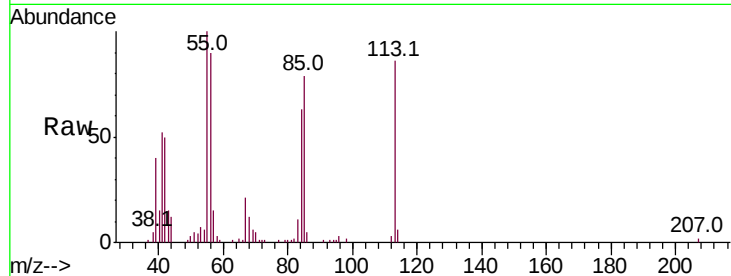
56 104.2 87.7 127.7

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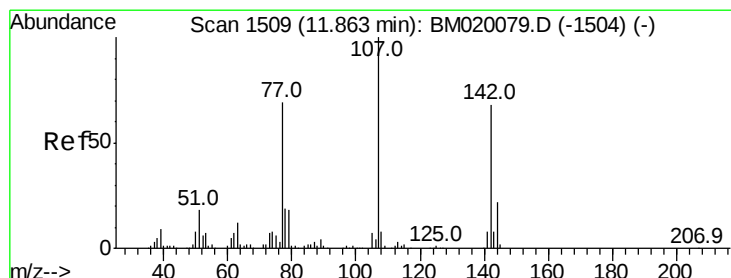
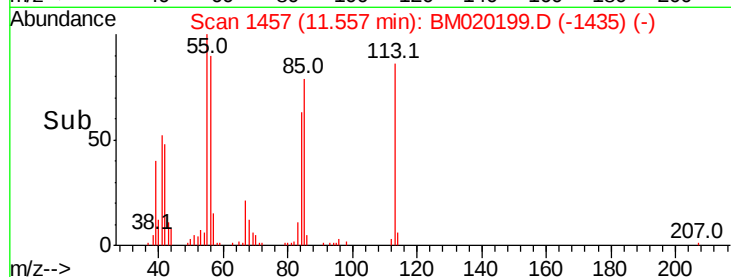
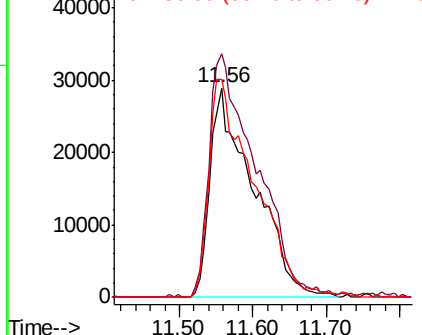
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.135 ng/mL

RT: 11.87 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

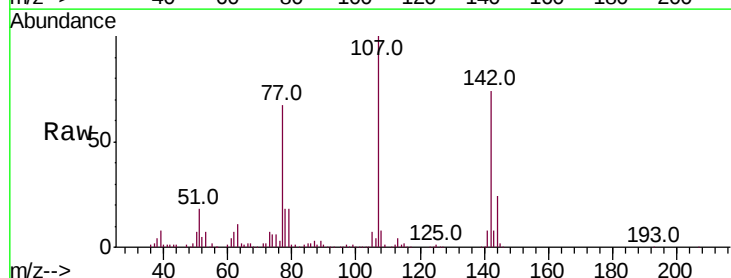
Tgt Ion:107 Resp: 452075

Ion Ratio Lower Upper

107 100

144 23.8 17.6 26.4

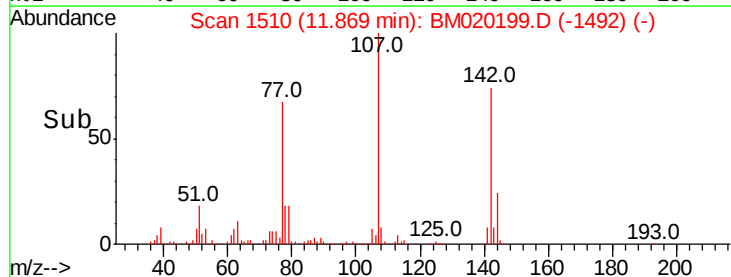
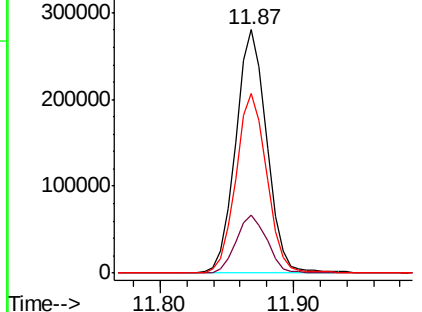
142 73.6 54.6 82.0

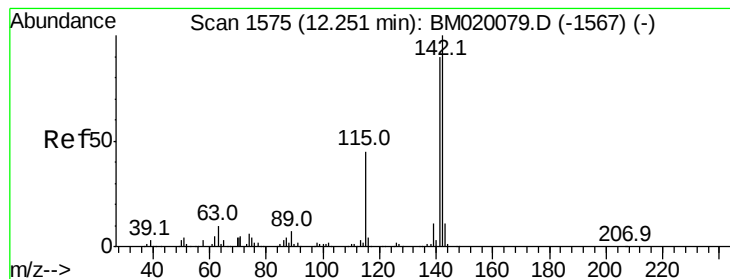


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





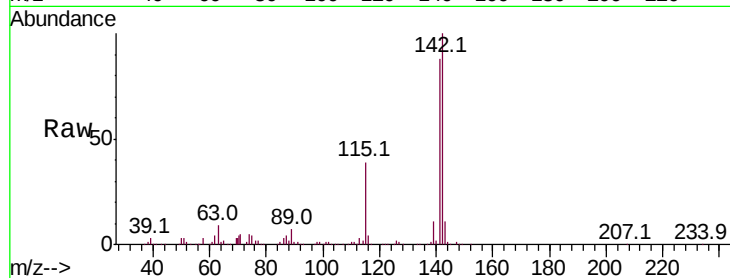
#37
2-Methylnaphthalene
Concen: 39.991 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.6	107.4
115	39.4	35.8	53.6

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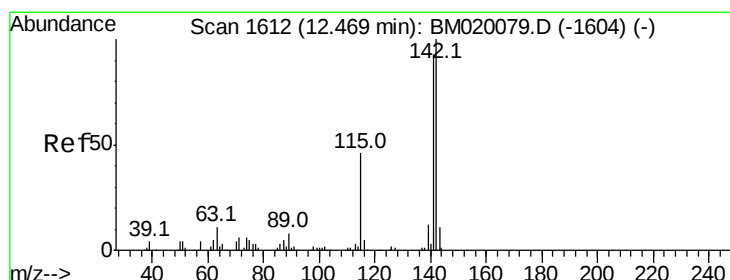
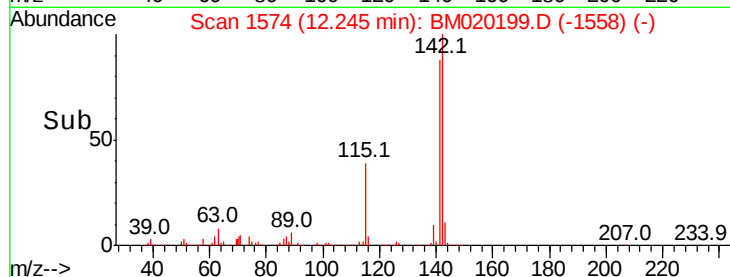
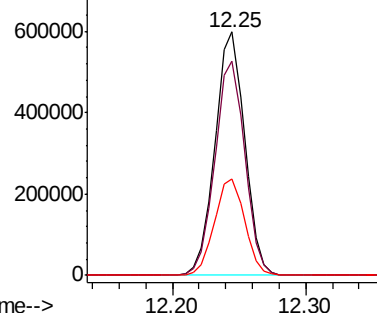


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.881 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

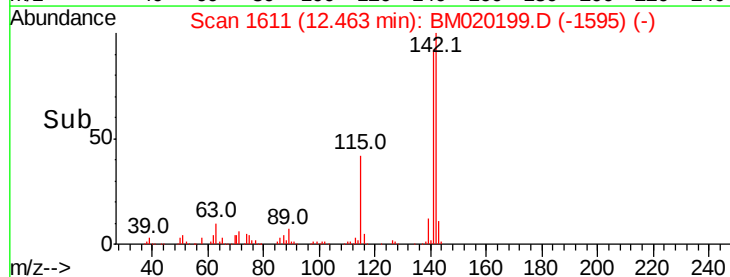
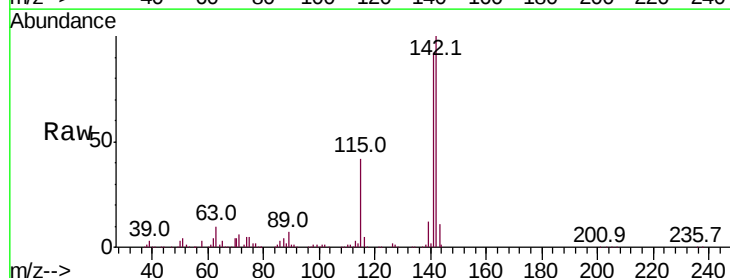
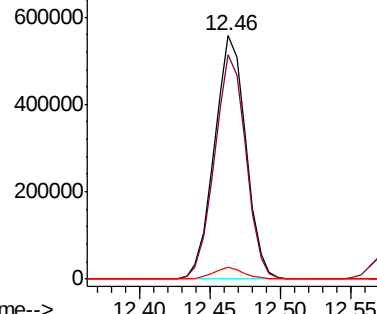
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.8	112.2
116	4.6	3.9	5.9

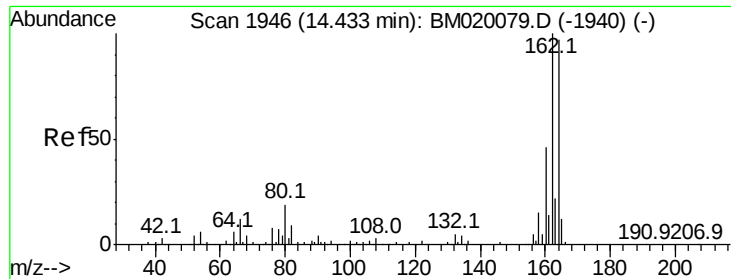
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





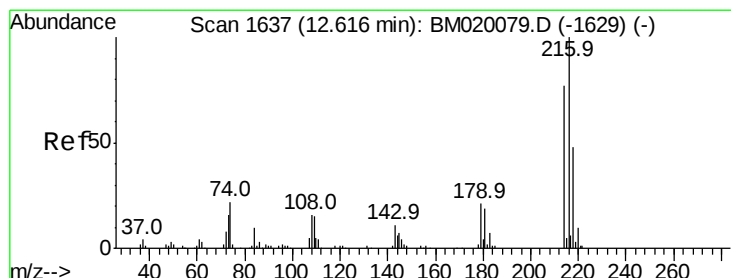
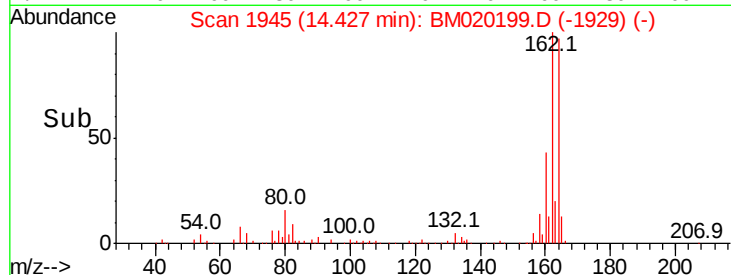
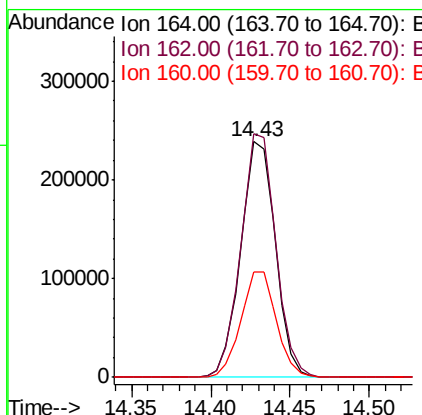
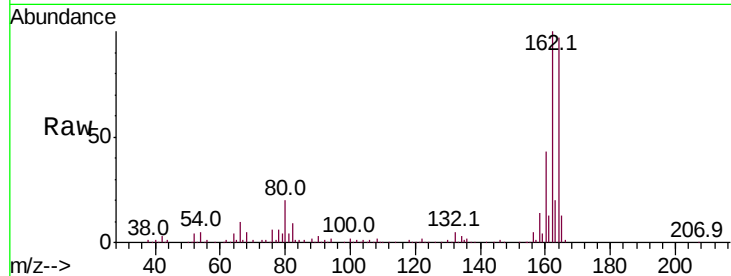
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.2
160	44.7	37.6	56.4

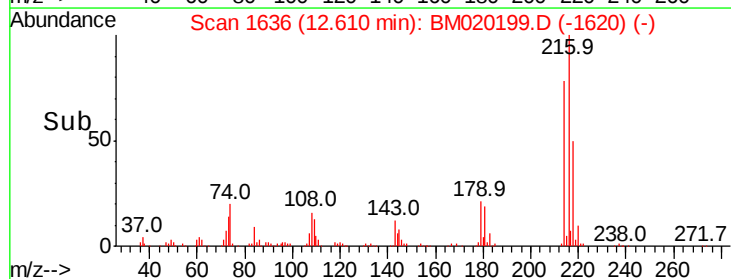
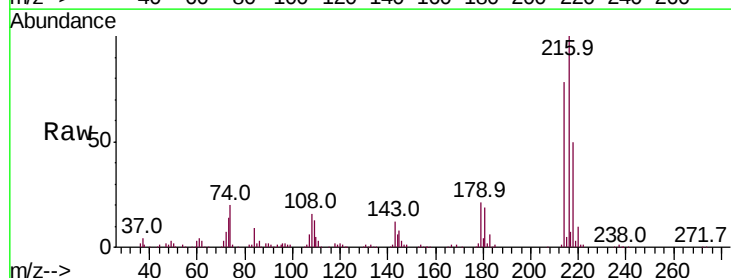
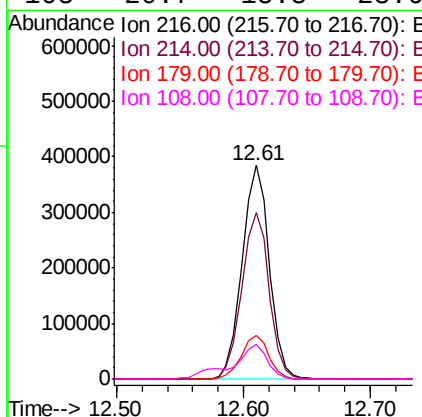
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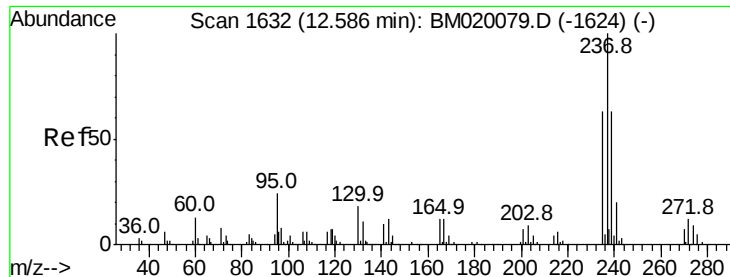
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.225 ng
 RT: 12.61 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	94.0
179	20.6	17.1	25.7
108	20.7	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 105.862 ng

RT: 12.57 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

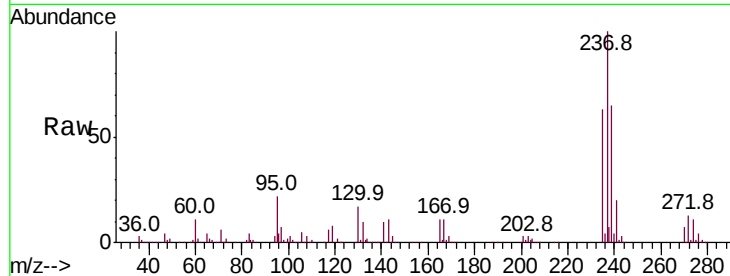
ClientSampleId :

PB119532BS

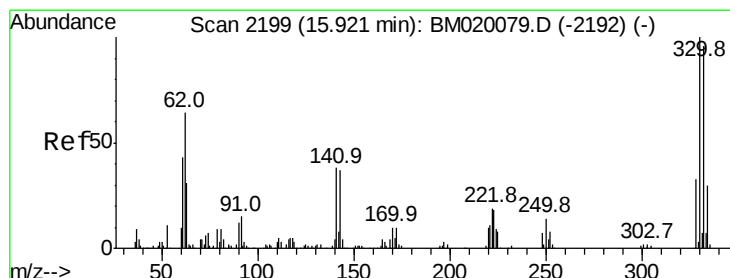
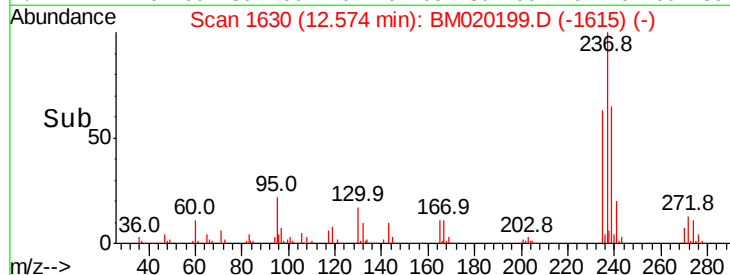
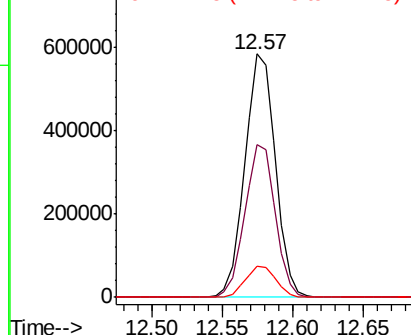
Tot Ion:	237	Resp:	884892
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.4	83.4
272	12.9	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 132.804 ng

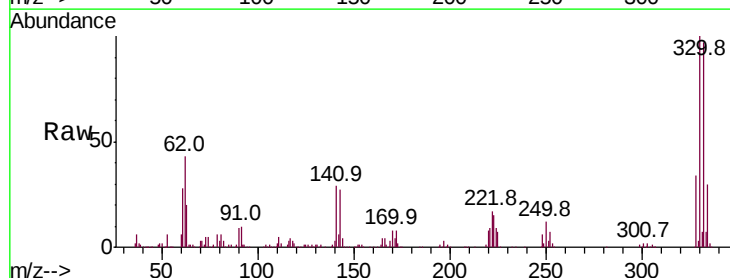
RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

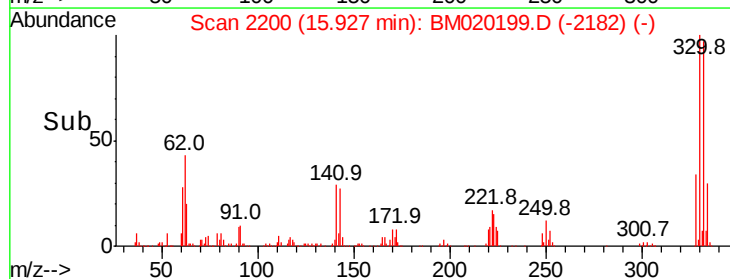
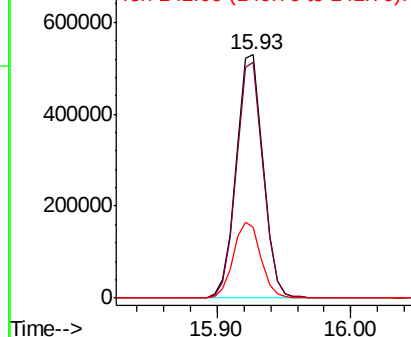
Lab File: BM020199.D

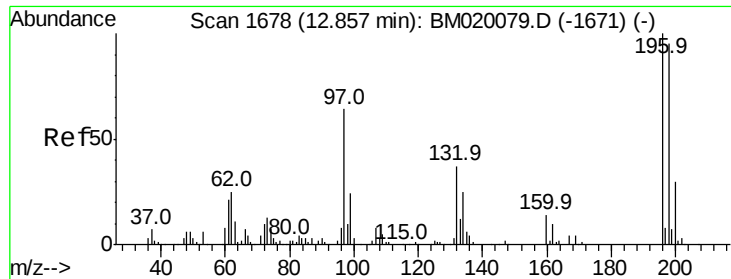
Acq: 08 May 2019 17:44

Tgt Ion:	330	Resp:	747988
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.8	115.2
141	31.6	29.2	43.8



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





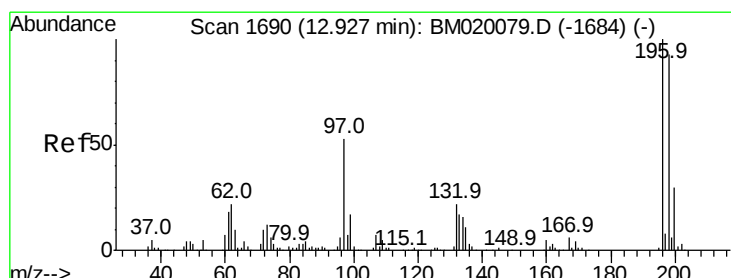
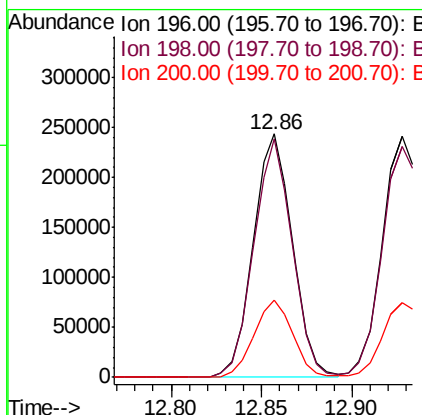
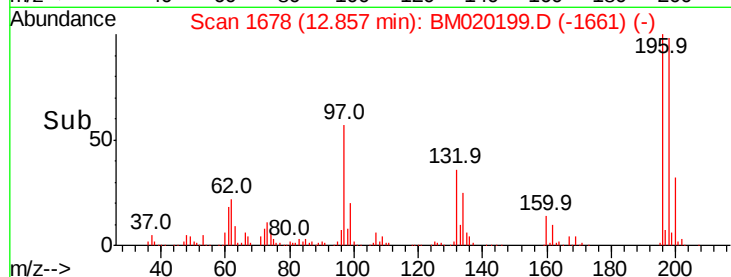
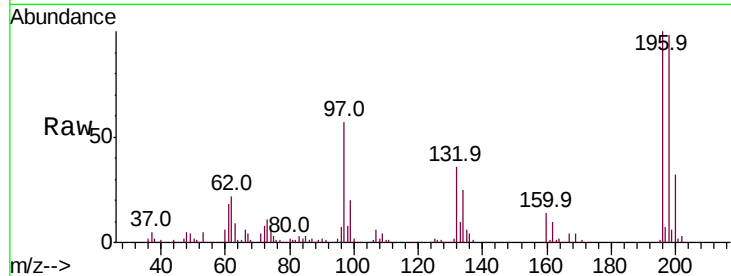
#43
 2,4,6-Trichlorophenol
 Concen: 45.178 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleID :
 PB119532BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	364510		
198	97.7	76.2	114.2	
200	31.5	24.3	36.5	

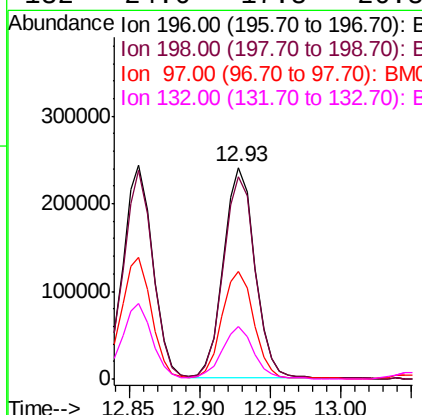
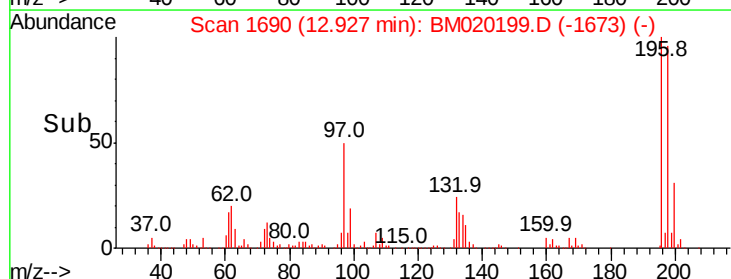
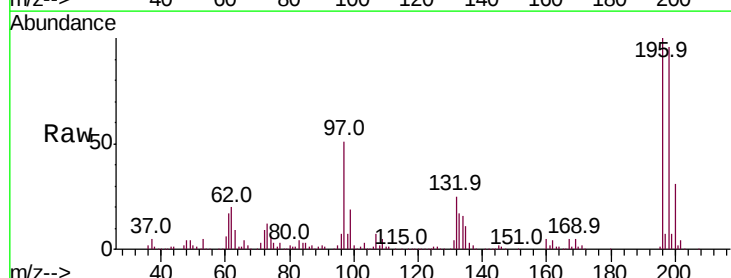
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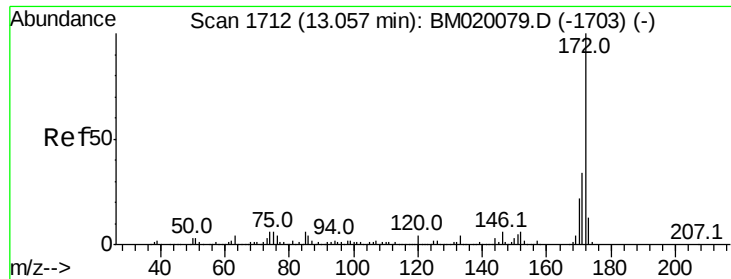
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 41.445 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	373563		
198	96.0	74.7	112.1	
97	50.9	42.2	63.4	
132	24.6	17.8	26.8	





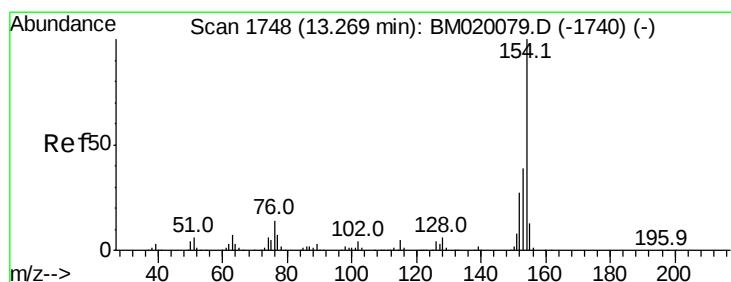
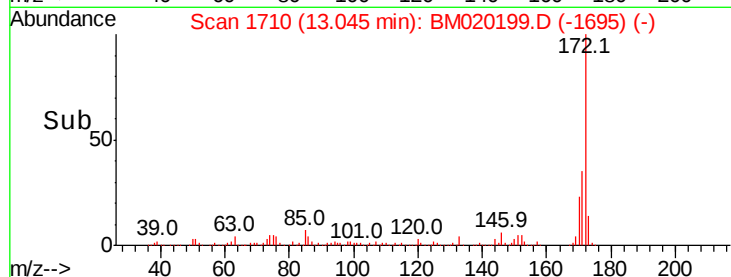
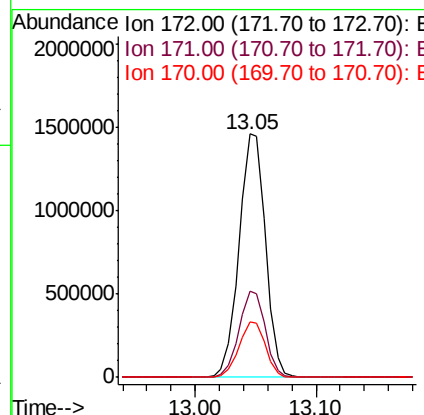
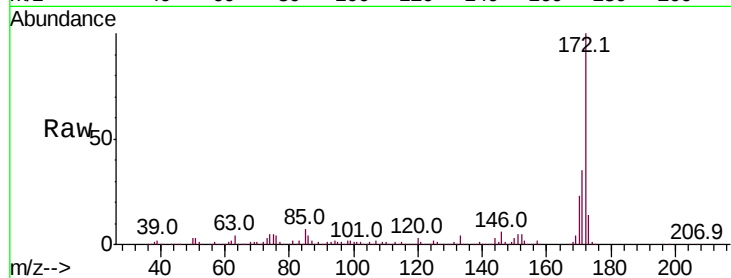
#45
2-Fluorobiphenyl
Concen: 75.706 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	22.7	17.9	26.9

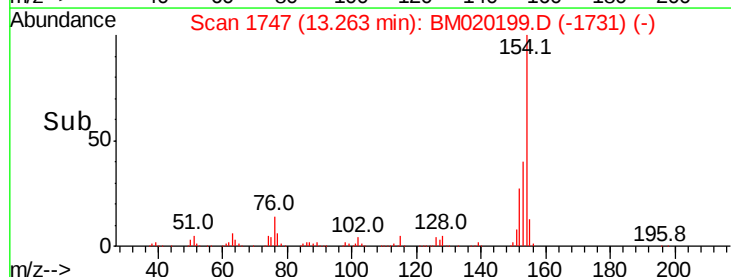
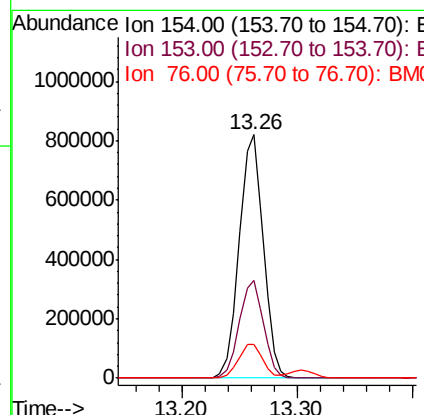
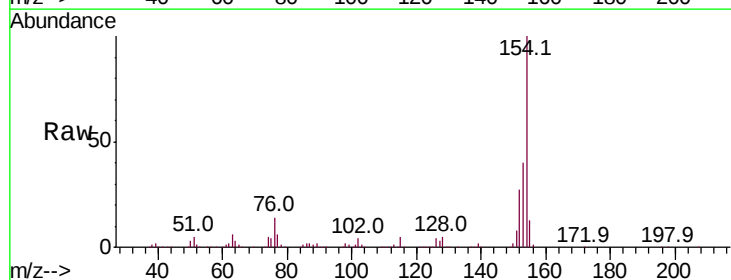
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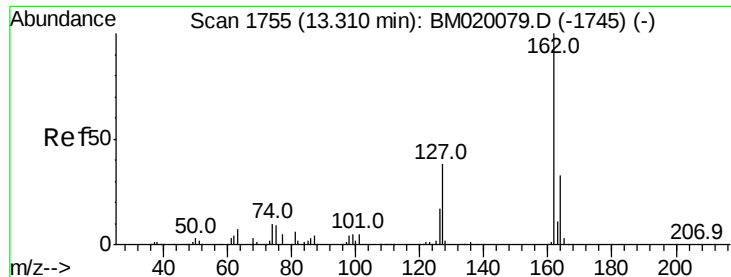
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#46
1,1'-Biphenyl
Concen: 39.751 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.4	59.4
76	13.8	0.0	34.5





#47

2-Chloronaphthalene

Concen: 40.013 ng

RT: 13.30 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

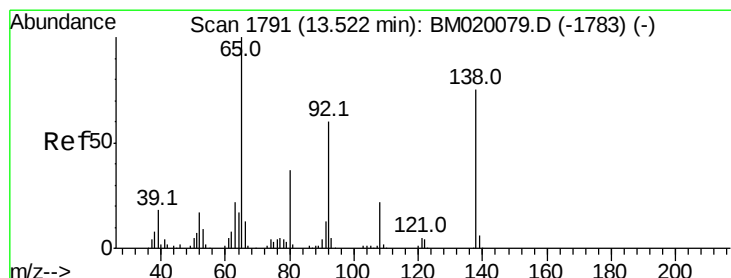
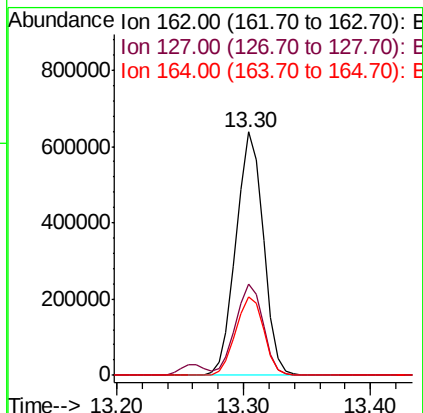
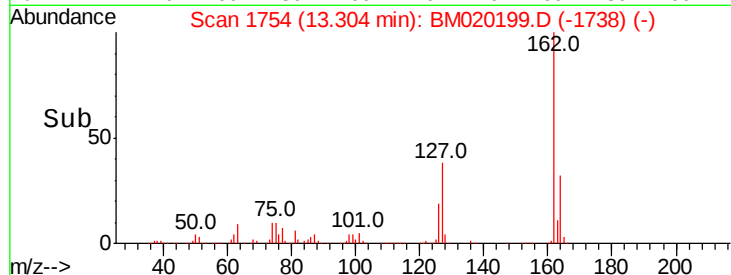
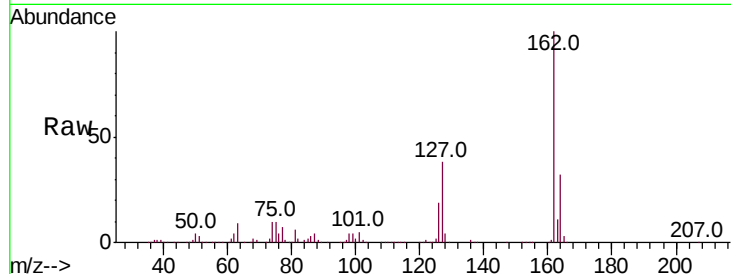
ClientSampleId :

PB119532BS

Tot Ion:	162	Resp:	954152
Ion Ratio	Lower	Upper	
162	100		
127	37.7	31.0	46.4
164	32.3	26.2	39.2

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#48

2-Nitroaniline

Concen: 37.497 ng

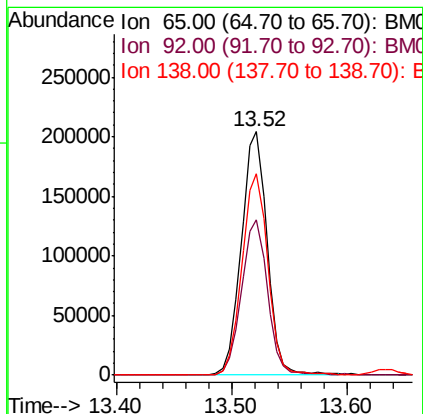
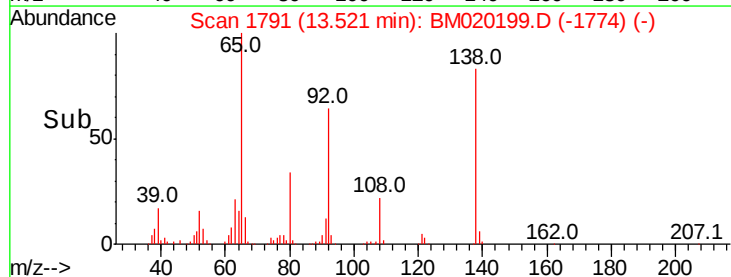
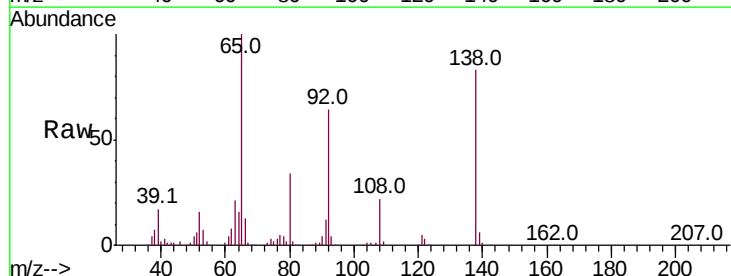
RT: 13.52 min Scan# 1791

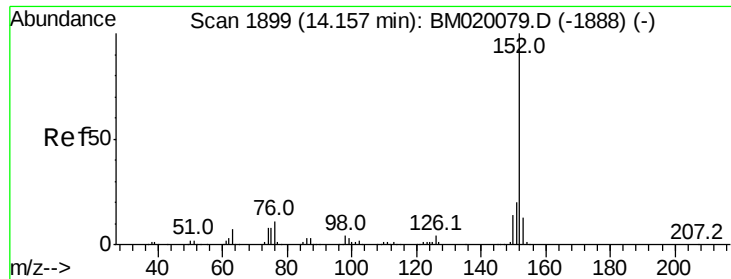
Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Tgt Ion:	65	Resp:	318338
Ion Ratio	Lower	Upper	
65	100		
92	63.6	48.2	72.4
138	82.6	60.3	90.5





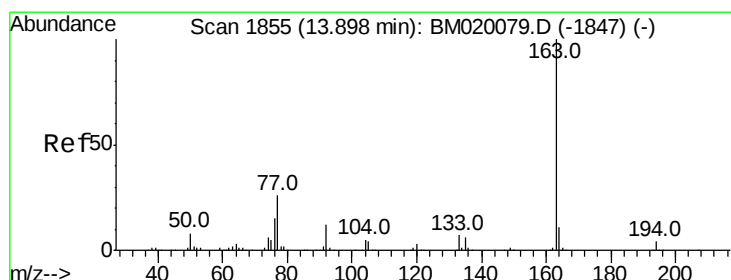
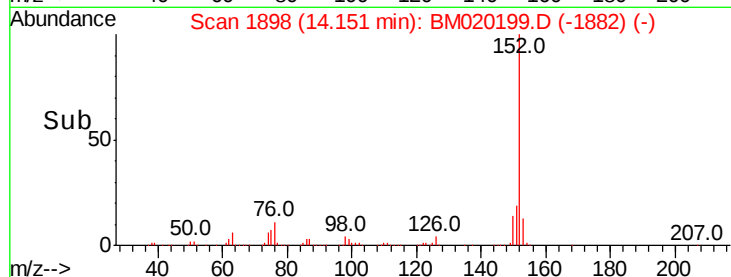
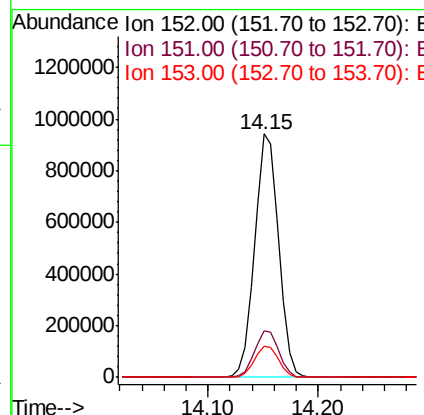
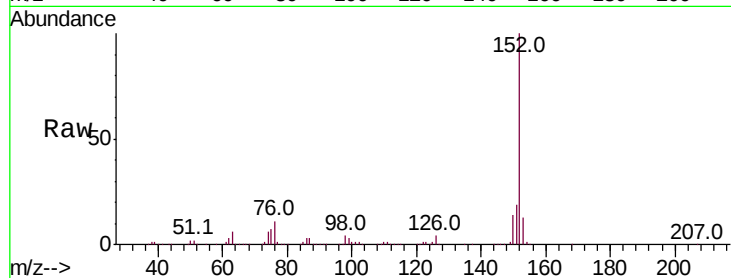
#49
Acenaphthylene
Concen: 37.591 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	12.9	10.6	16.0

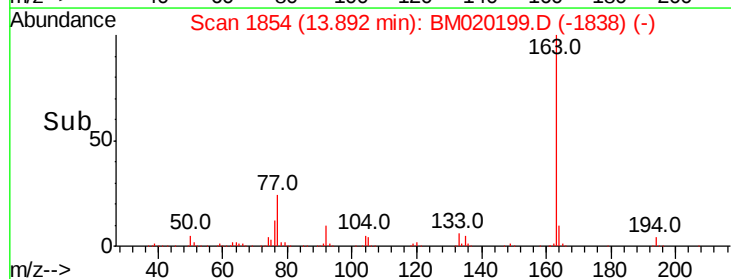
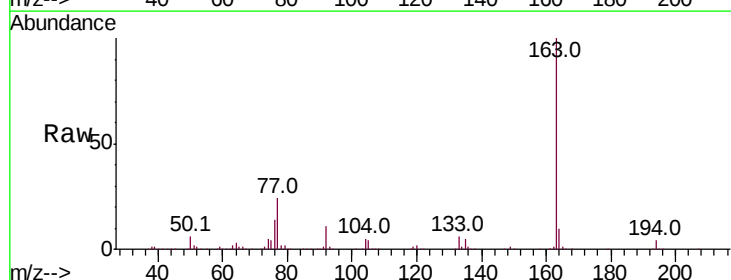
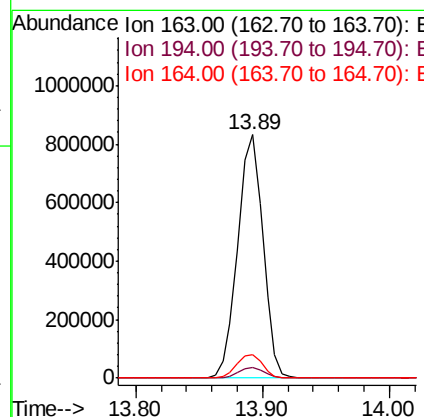
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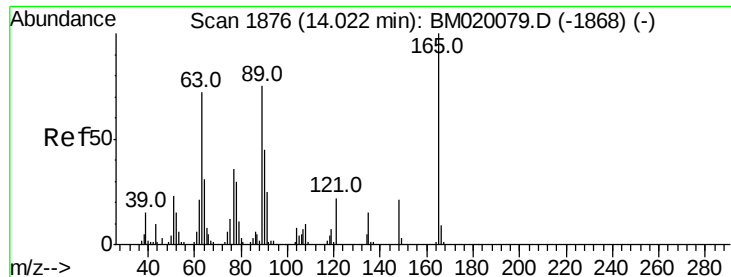
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#50
Dimethylphthalate
Concen: 37.232 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.8	8.4	12.6





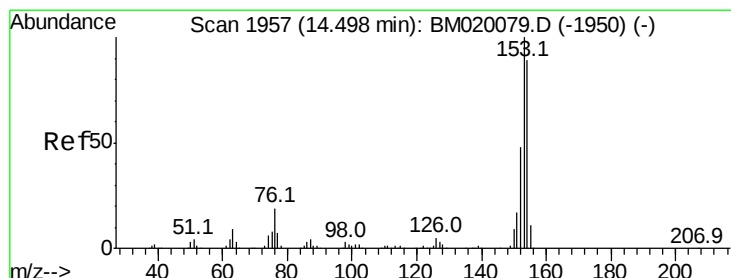
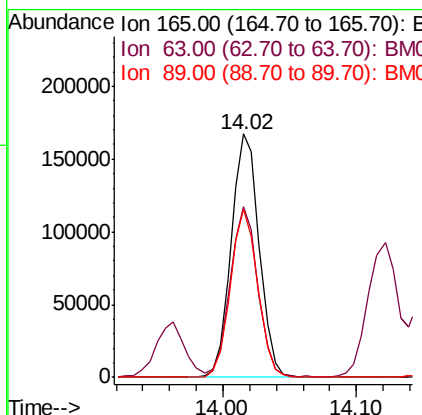
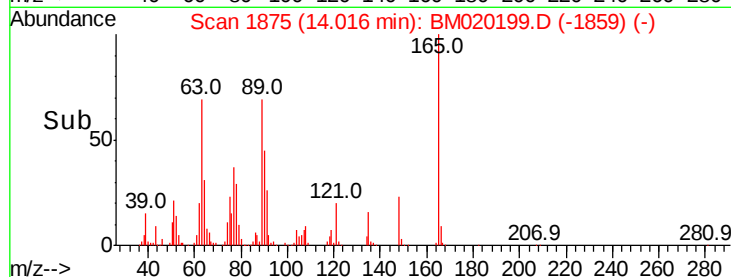
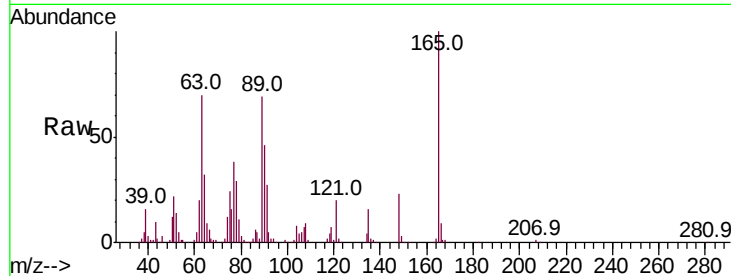
#51
2,6-Dinitrotoluene
Concen: 37.619 ng
RT: 14.02 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion:165	Resp:	244359
Ion Ratio	Lower	Upper
165 100		
63 69.8	60.3	90.5
89 69.2	59.8	89.6

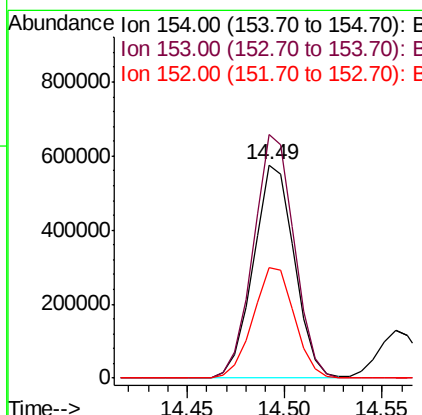
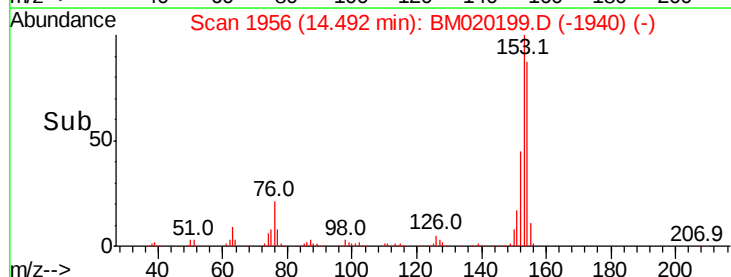
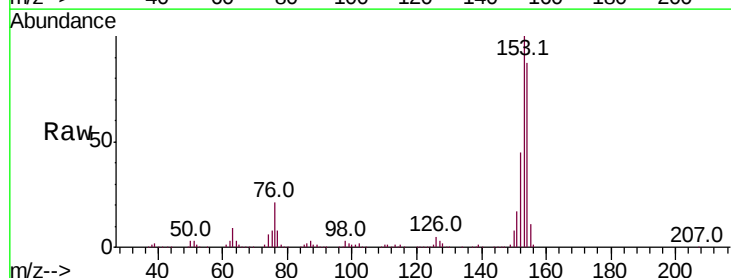
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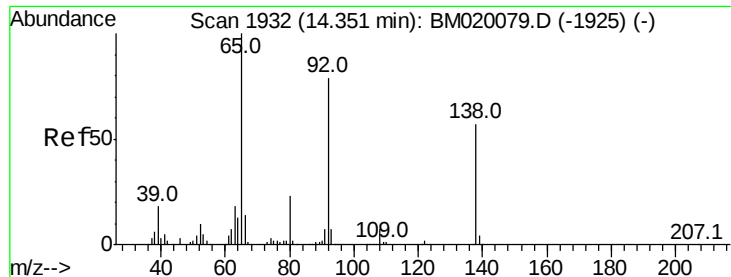
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#52
Acenaphthene
Concen: 38.197 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion:154	Resp:	835940
Ion Ratio	Lower	Upper
154 100		
153 114.3	90.2	135.2
152 51.6	43.0	64.4





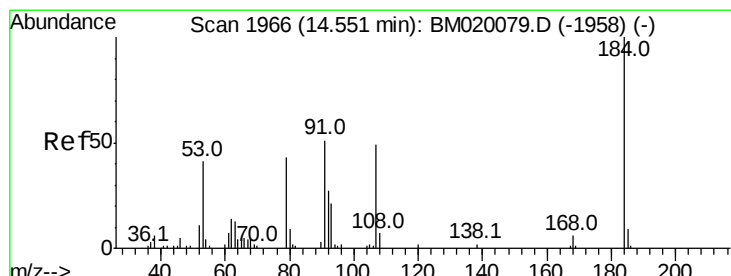
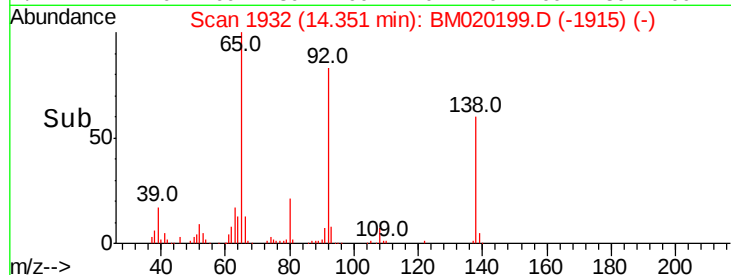
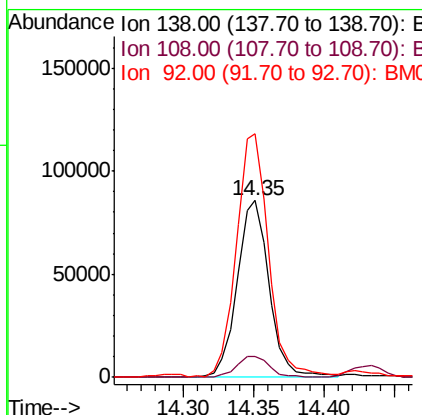
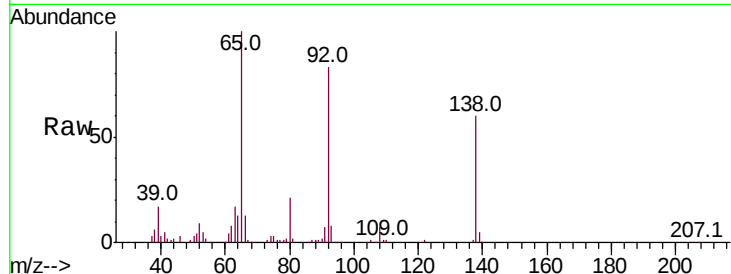
#53
 3-Nitroaniline
 Concen: 22.483 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	10.4	15.6
92	137.9	111.3	166.9

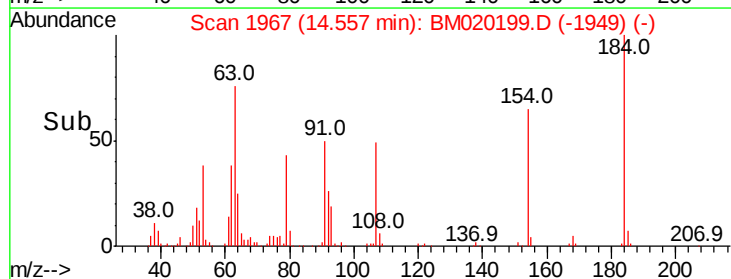
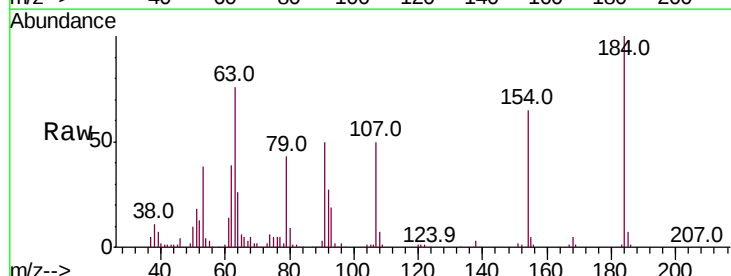
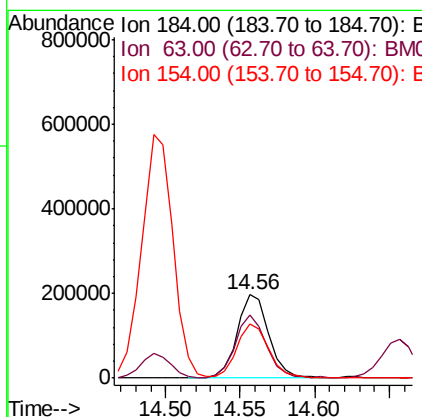
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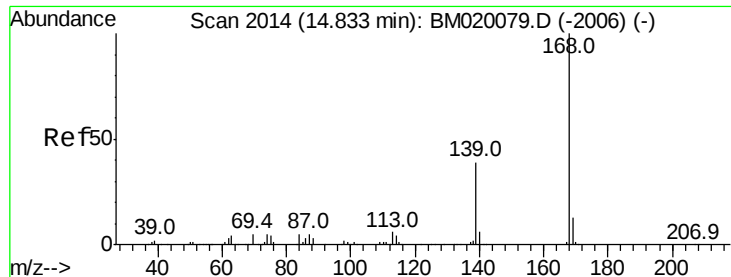
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 88.438 ng
 RT: 14.56 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.5	68.9	103.3
154	65.0	54.4	81.6





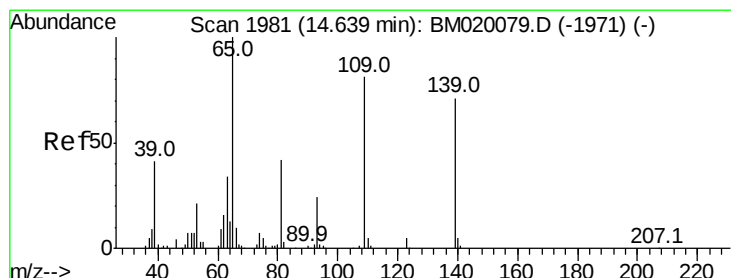
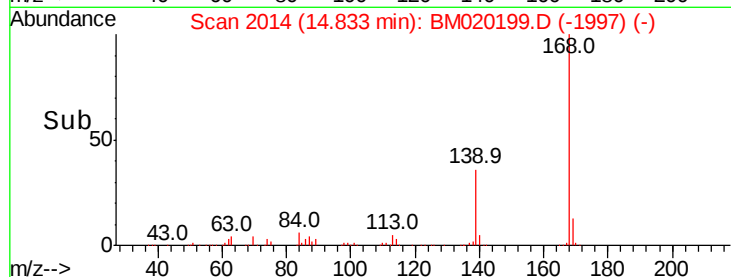
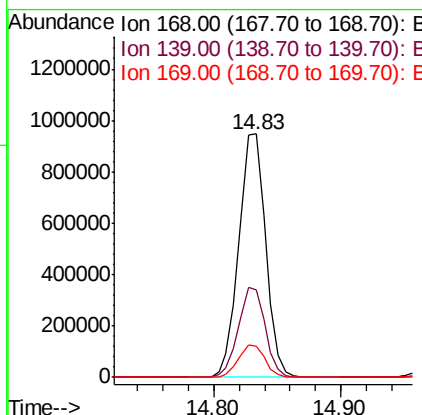
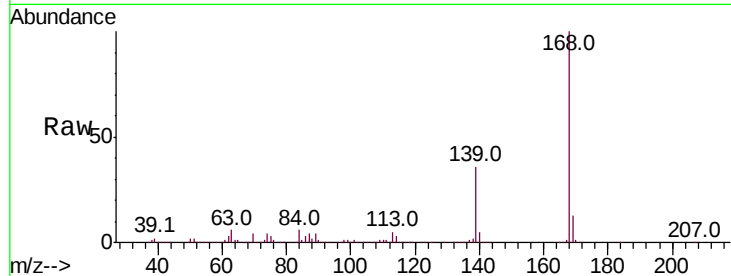
#55
Dibenzenofuran
Concen: 37.710 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.1	46.7
169	12.9	10.6	16.0

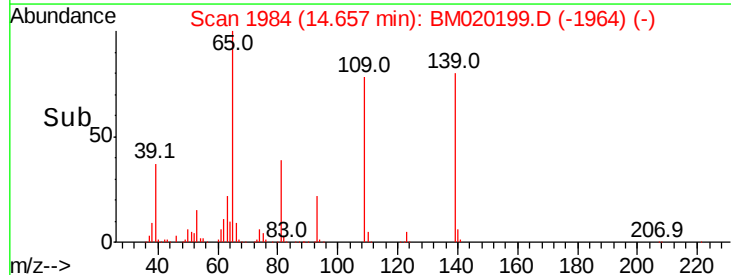
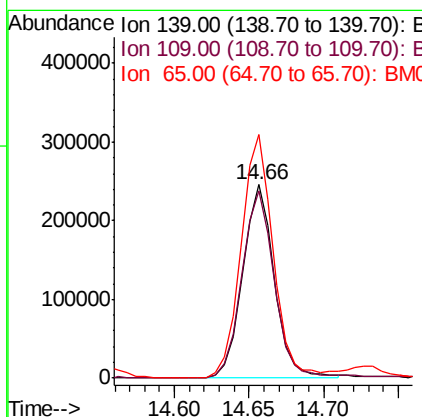
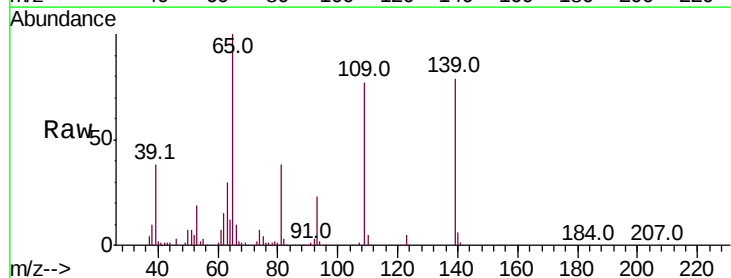
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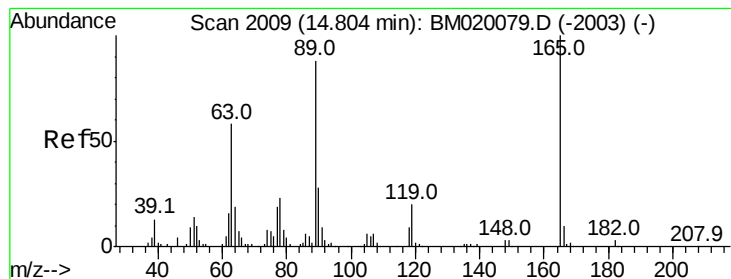
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#56
4-Nitrophenol
Concen: 70.075 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.0	94.1	134.1
65	126.1	120.9	160.9





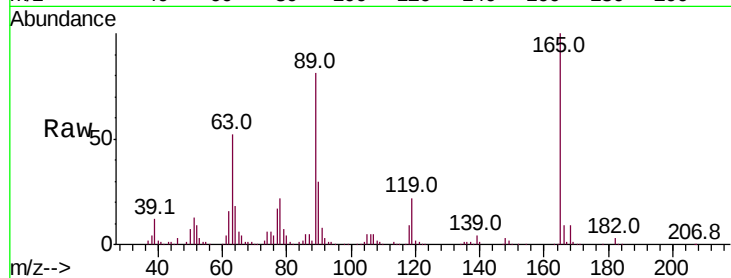
#57
 2,4-Dinitrotoluene
 Concen: 38.124 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

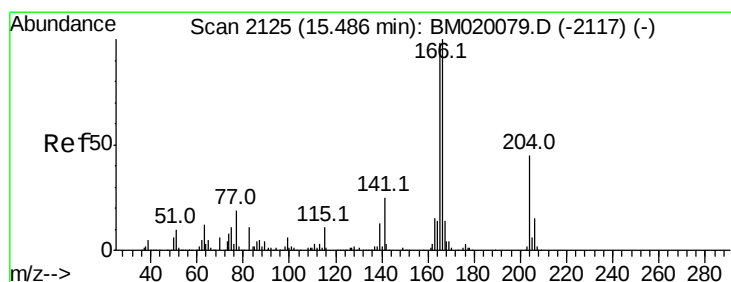
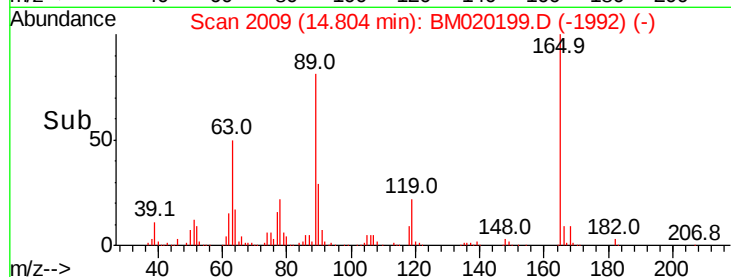
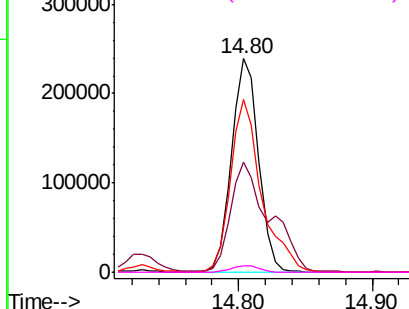
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.6	46.2	69.2
89	81.1	70.6	105.8
182	3.0	2.2	3.2

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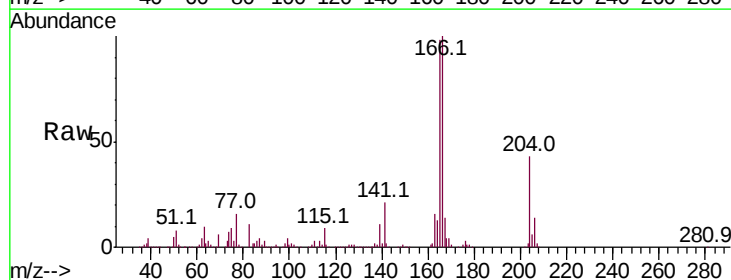


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

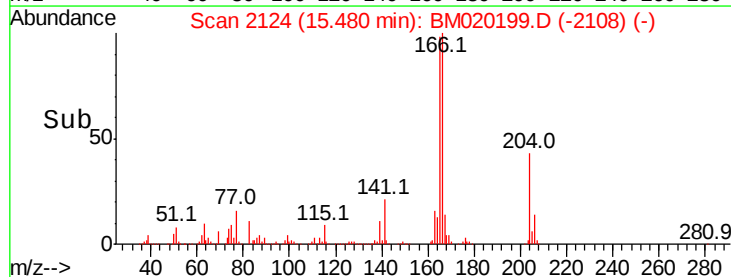
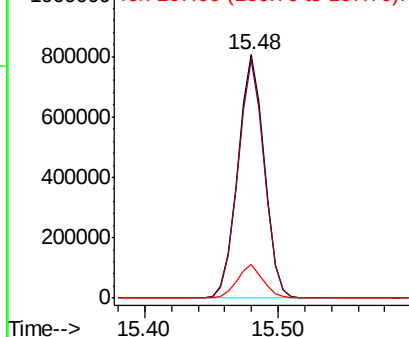


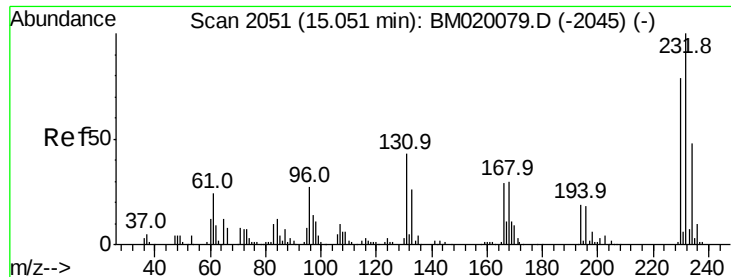
#58
 Fluorene
 Concen: 36.369 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.2
167	13.9	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





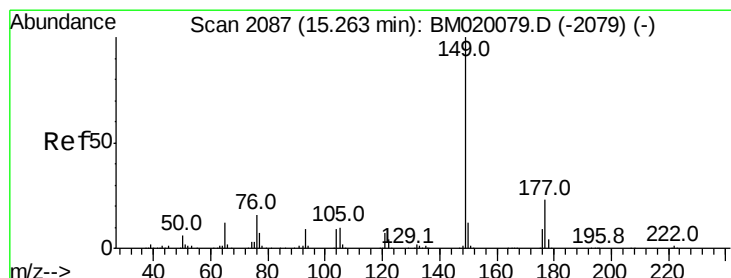
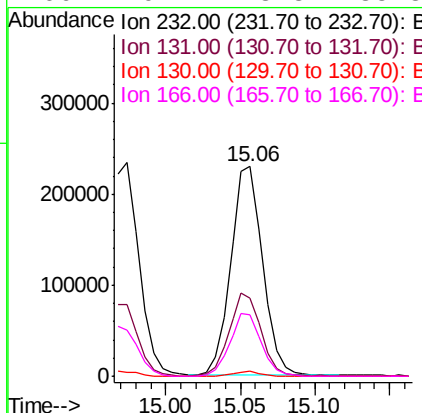
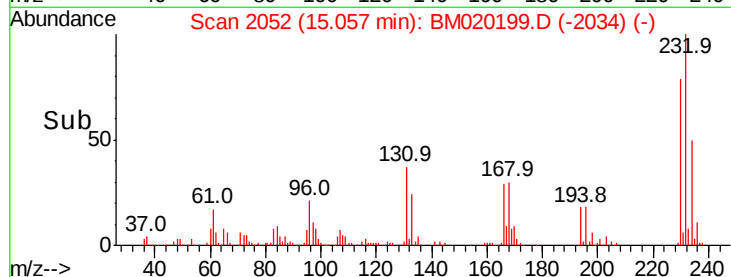
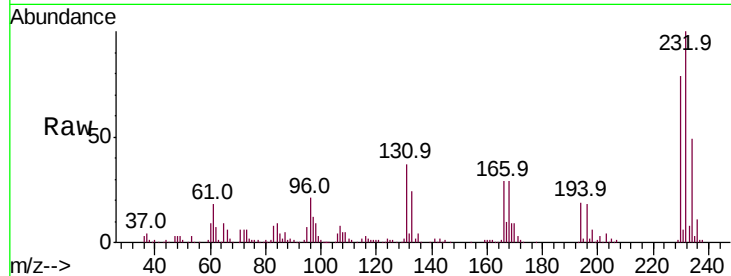
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.829 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	341149		
131	39.2		34.2	51.4
130	2.1		2.0	3.0
166	29.2		23.8	35.8

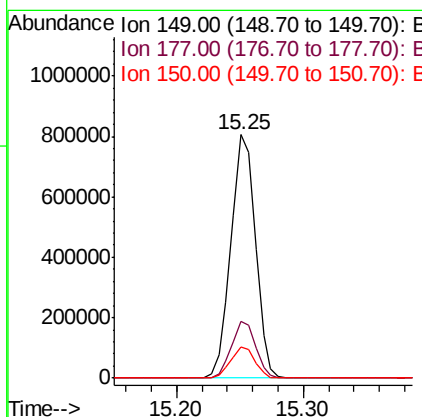
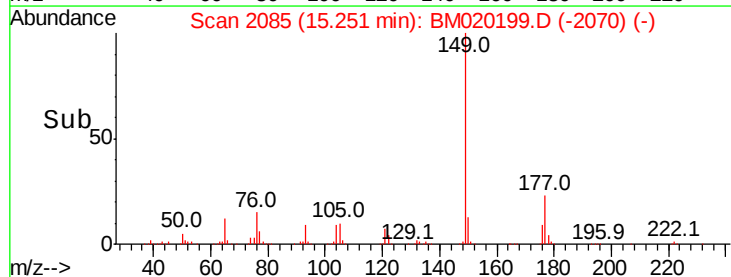
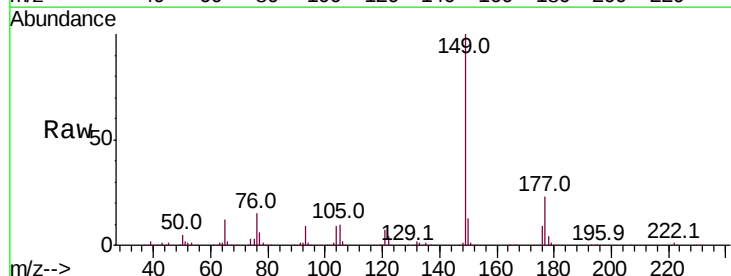
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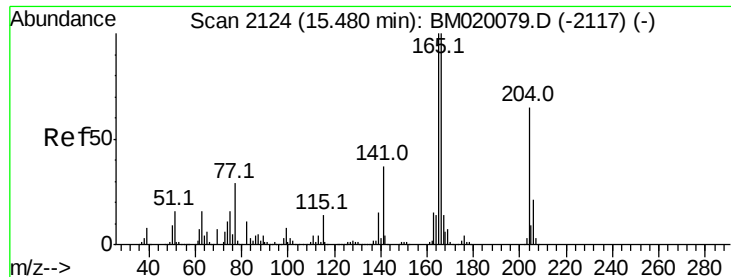
Sohil
 5/9/2019 6:45:30 PM



#60
 Diethylphthalate
 Concen: 34.648 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1076548		
177	23.3		18.2	27.4
150	12.8		9.9	14.9





#61

4-Chlorophenyl-phenylether

Concen: 36.873 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

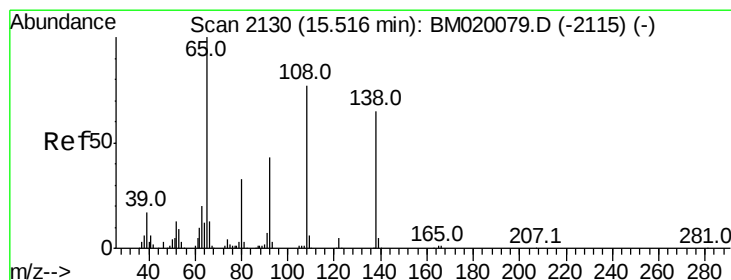
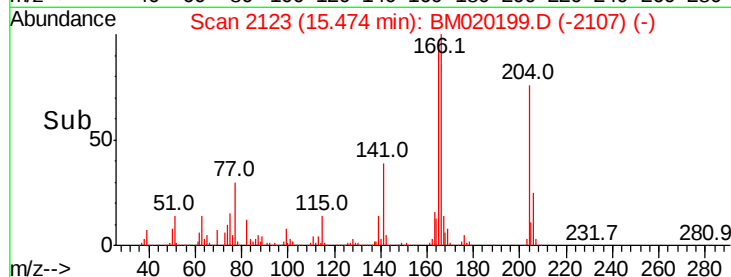
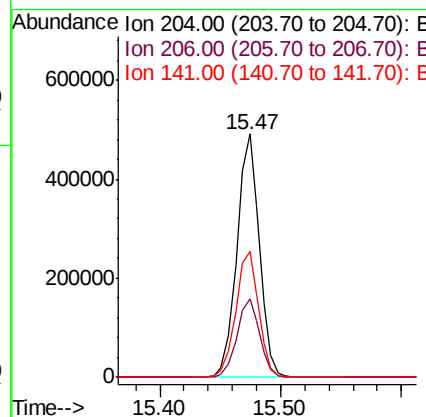
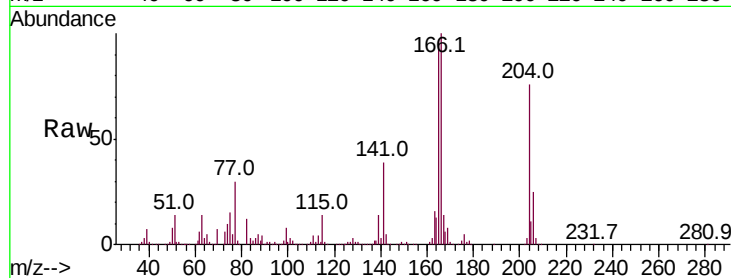
ClientSampleId :

PB119532BS

Tot Ion:	204	Resp:	633408
Ion Ratio	Lower	Upper	
204	100		
206	32.3	25.6	38.4
141	51.8	46.1	69.1

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#62

4-Nitroaniline

Concen: 32.536 ng

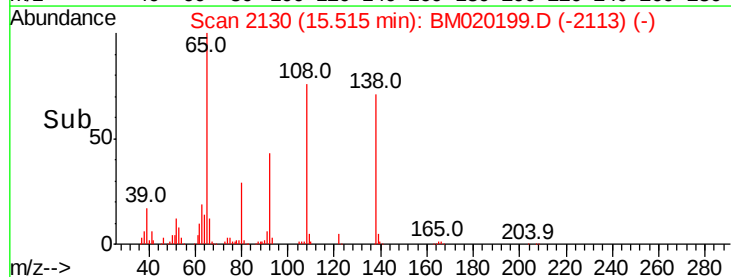
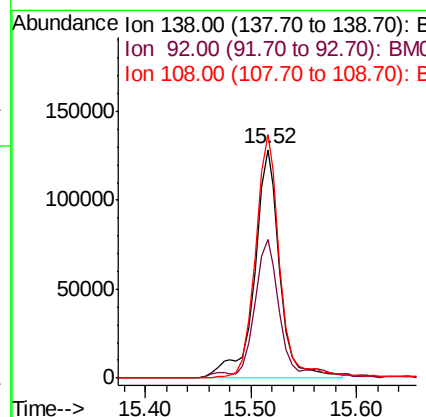
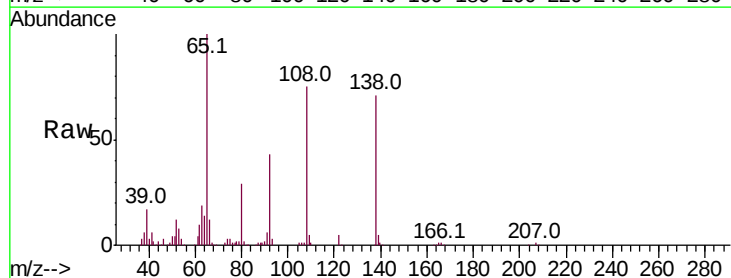
RT: 15.52 min Scan# 2130

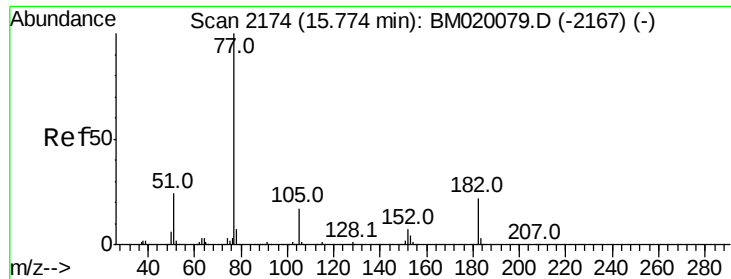
Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Tgt Ion:	138	Resp:	216470
Ion Ratio	Lower	Upper	
138	100		
92	60.8	45.9	85.9
108	106.6	97.7	137.7





#63

Azobenzene

Concen: 33.538 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tot Ion: 77 Resp: 1229340

Ion Ratio Lower Upper

77 100

182 24.3 2.1 42.1

105 16.9 0.0 36.8

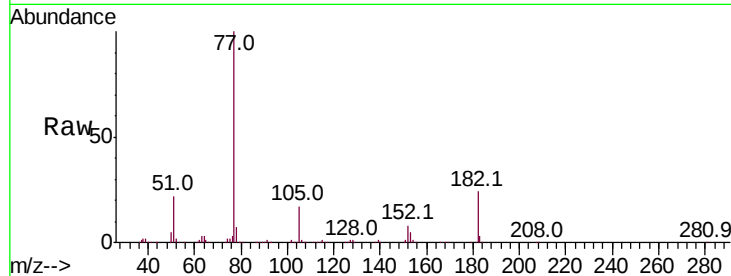
51 22.4 3.8 43.8

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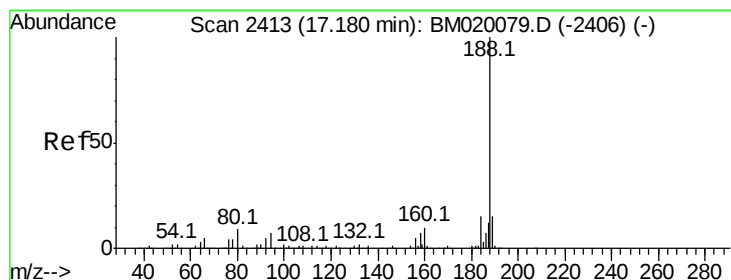
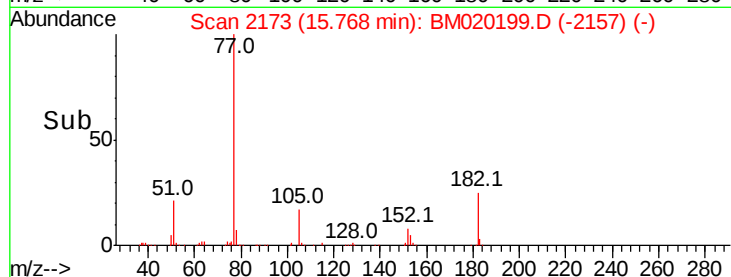
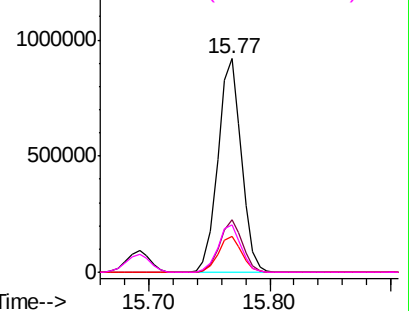


Abundance Ion 77.00 (76.70 to 77.70): BM020199.D (-2157) (-)

Ion 182.00 (181.70 to 182.70): BM020199.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): BM020199.D (-2157) (-)

Ion 51.00 (50.70 to 51.70): BM020199.D (-2157) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

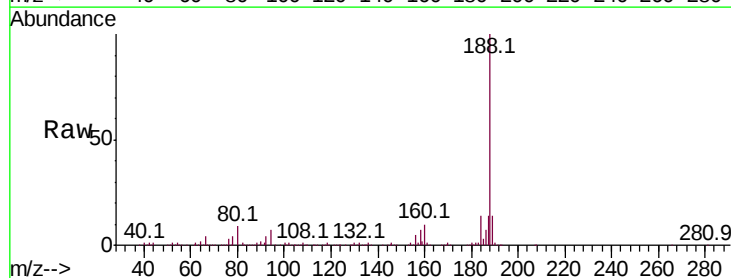
Tgt Ion: 188 Resp: 770550

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

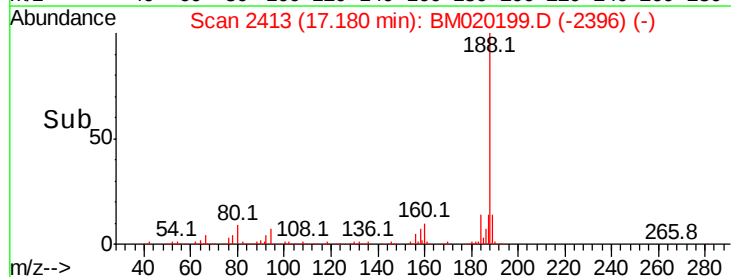
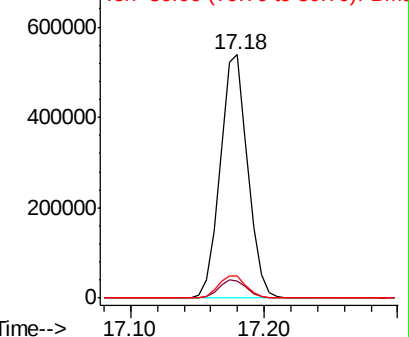
80 9.3 7.4 11.2

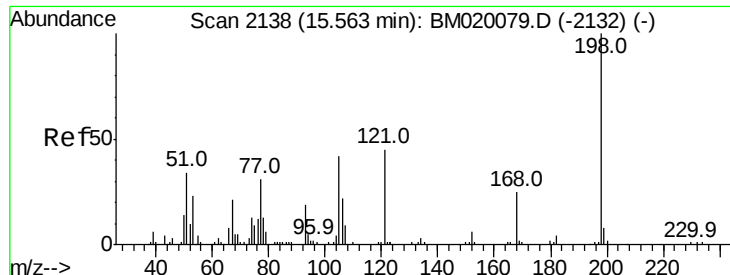


Abundance Ion 188.00 (187.70 to 188.70): BM020199.D (-2396) (-)

Ion 94.00 (93.70 to 94.70): BM020199.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020199.D (-2396) (-)





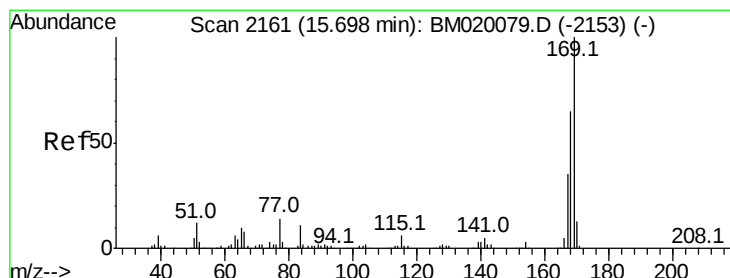
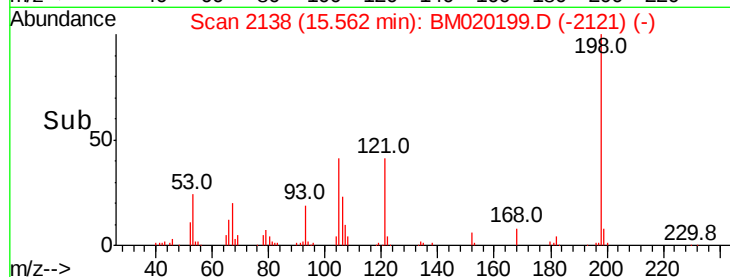
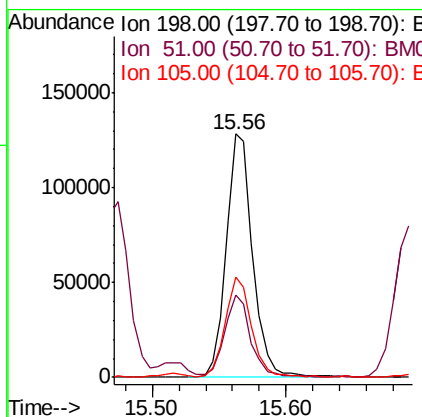
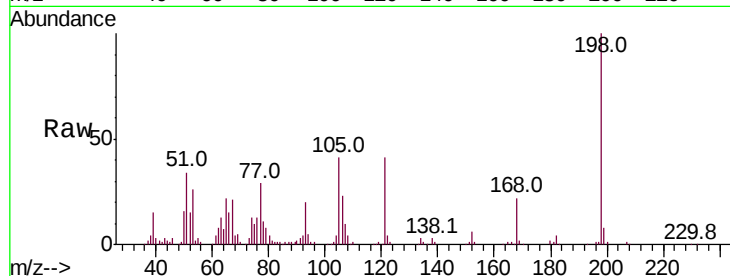
#65
4,6-Dinitro-2-methylphenol
Concen: 46.151 ng
RT: 15.56 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.0	16.5	56.5
105	41.2	22.8	62.8

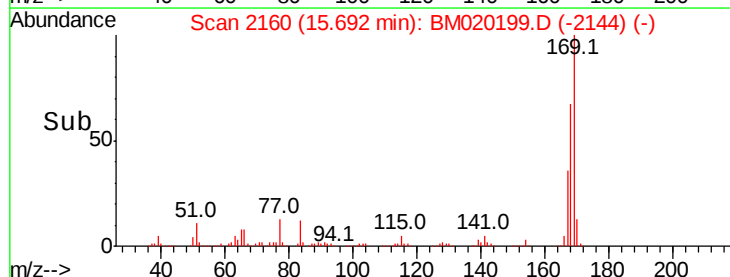
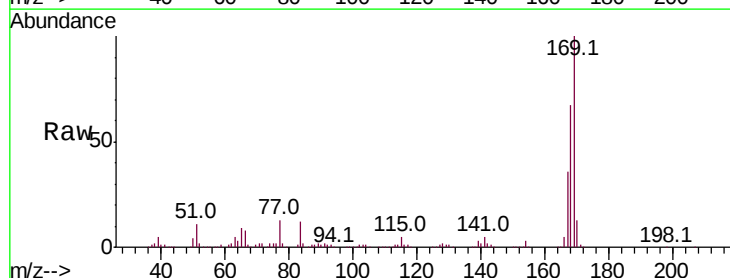
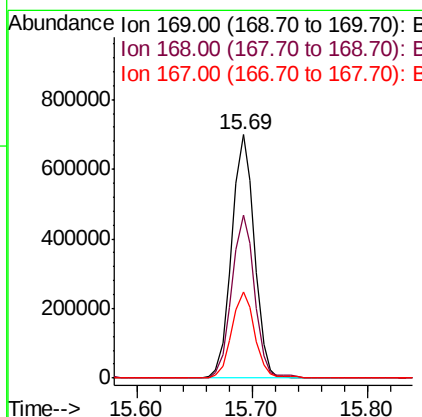
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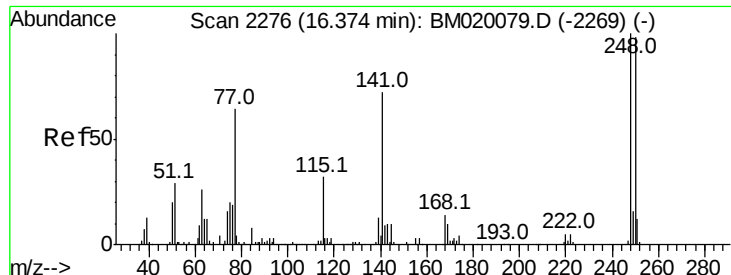
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.918 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	51.9	77.9
167	35.5	27.8	41.6





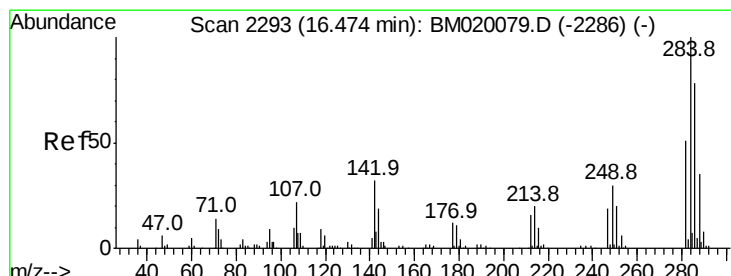
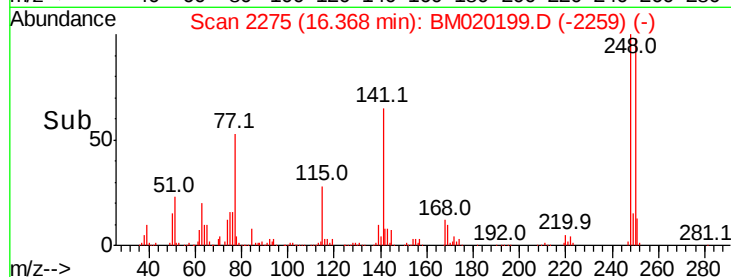
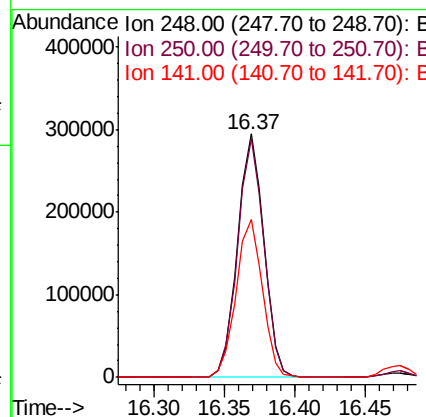
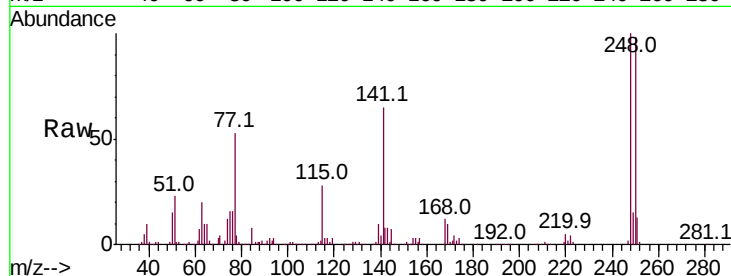
#67
 4-Bromophenyl-phenylether
 Concen: 40.712 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tot Ion:	248	Resp:	384681
Ion Ratio	Lower	Upper	
248	100		
250	98.1	78.4	117.6
141	64.9	57.4	86.2

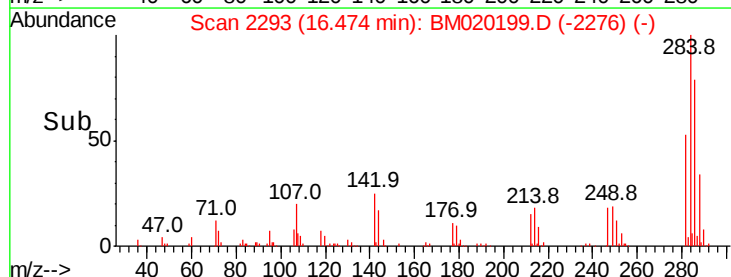
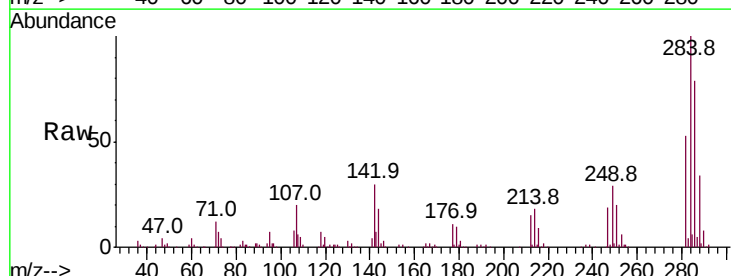
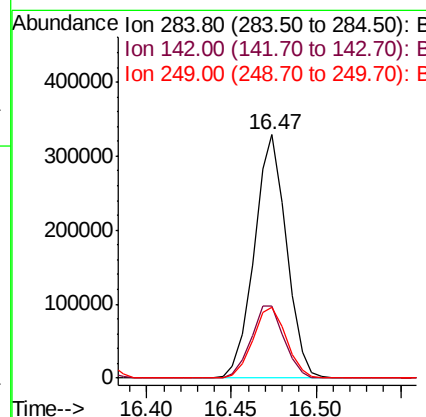
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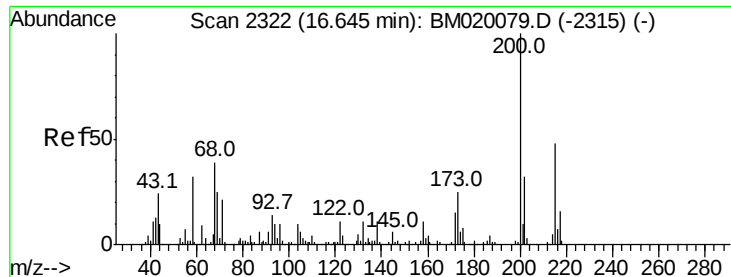
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#68
 Hexachlorobenzene
 Concen: 40.119 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion:	284	Resp:	436226
Ion Ratio	Lower	Upper	
284	100		
142	29.7	25.2	37.8
249	29.2	23.6	35.4





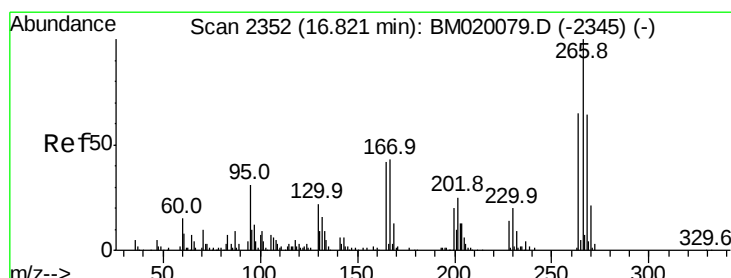
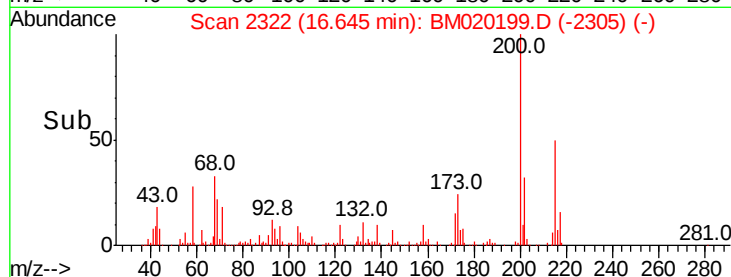
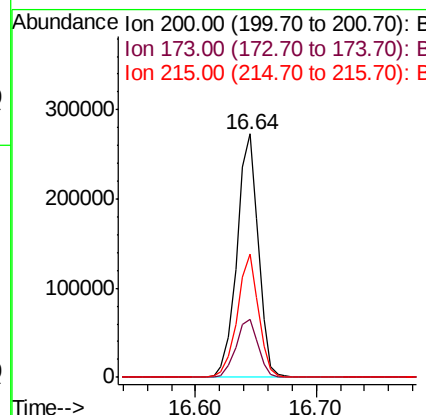
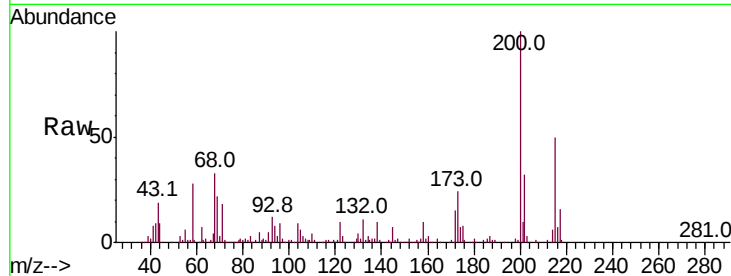
#69
Atrazine
Concen: 38.024 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.0	4.6	44.6
215	50.5	28.0	68.0

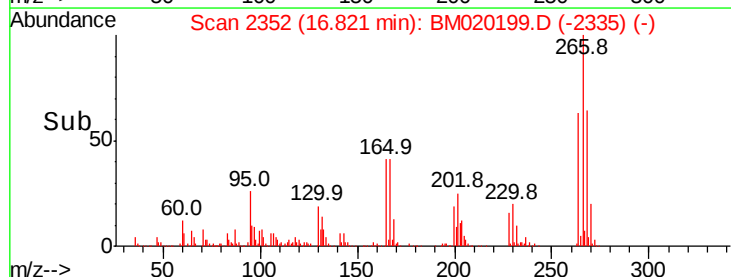
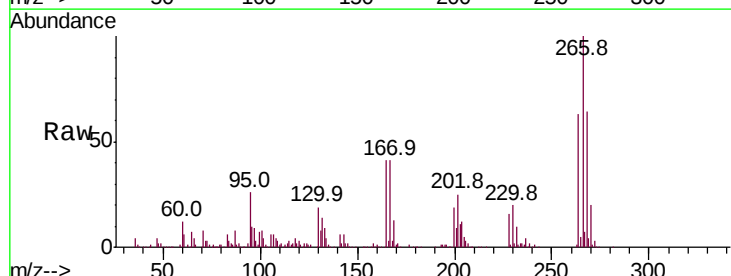
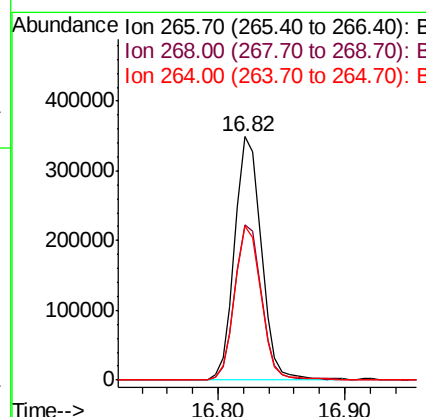
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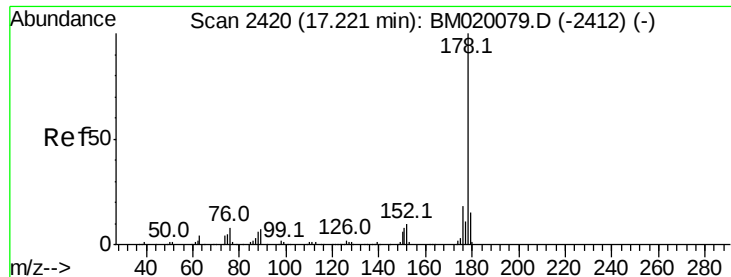
Sohil
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#70
Pentachlorophenol
Concen: 81.783 ng
RT: 16.82 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	51.4	77.0
264	63.5	52.0	78.0





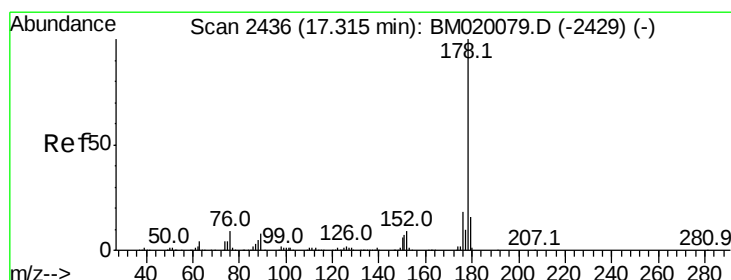
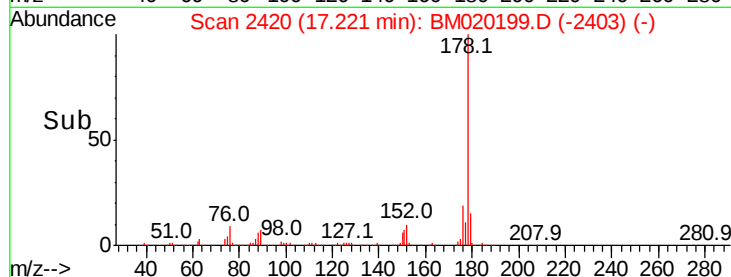
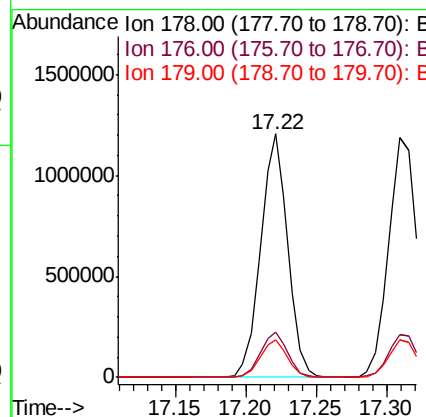
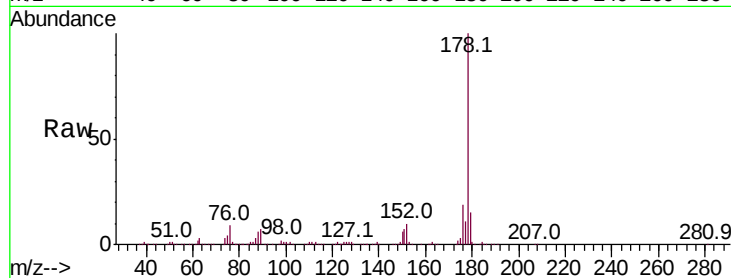
#71
Phenanthrene
Concen: 38.140 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.4	12.4	18.6

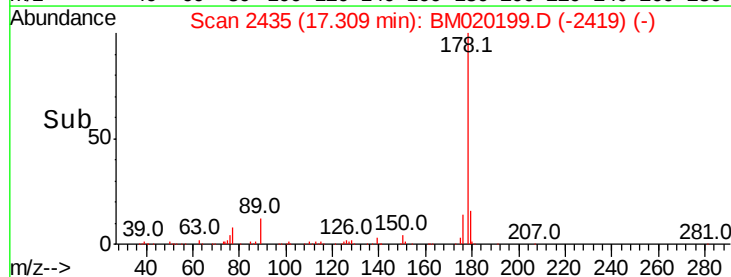
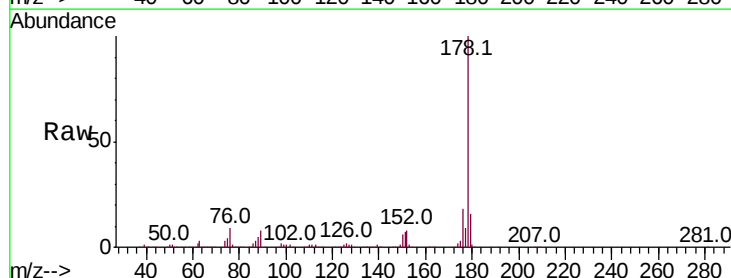
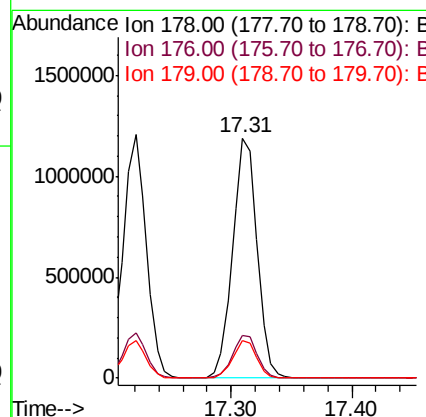
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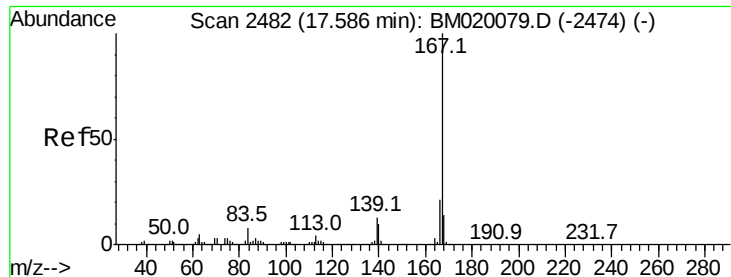
Sohil
5/9/2019 6:45:30 PM



#72
Anthracene
Concen: 39.277 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.7	12.4	18.6





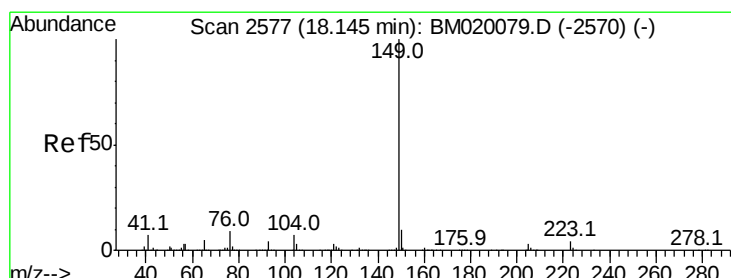
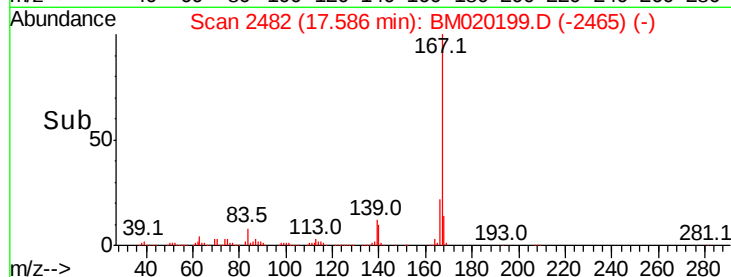
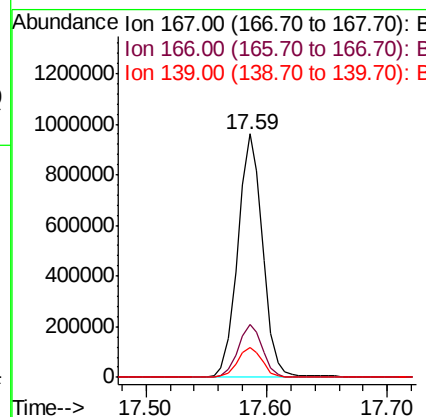
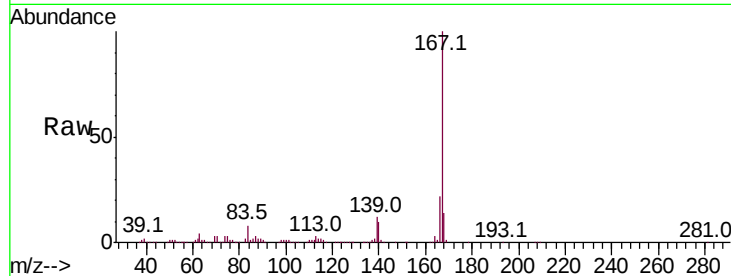
#73
 Carbazole
 Concen: 36.025 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.3	10.6	16.0

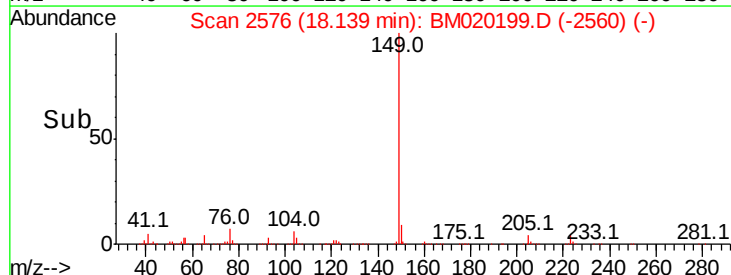
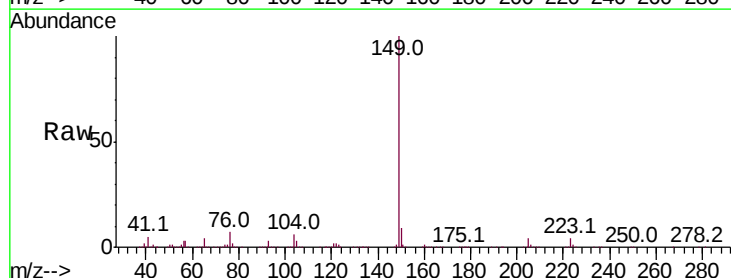
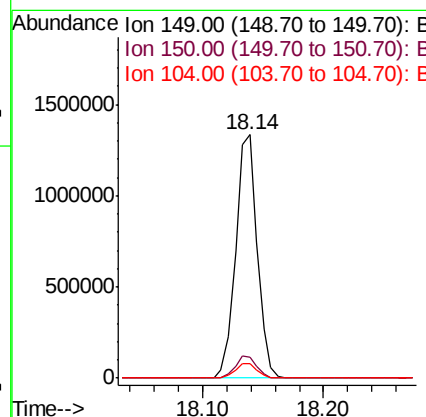
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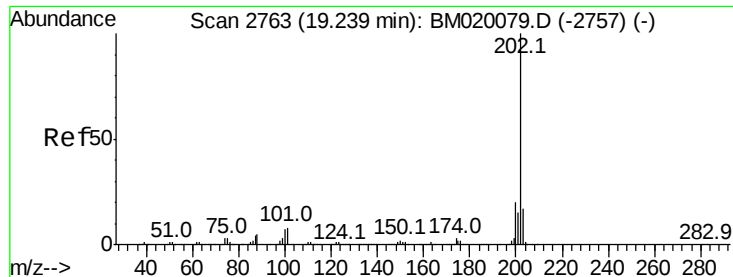
Sohil
 5/9/2019 6:45:30 PM



#74
 Di-n-butylphthalate
 Concen: 35.830 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.8	11.6
104	6.0	5.7	8.5





#75

Fluoranthene

Concen: 34.358 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

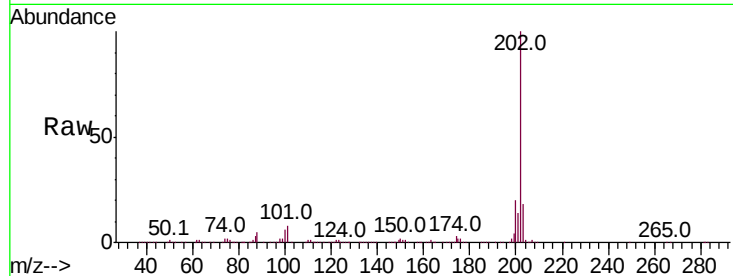
ClientSampleId :

PB119532BS

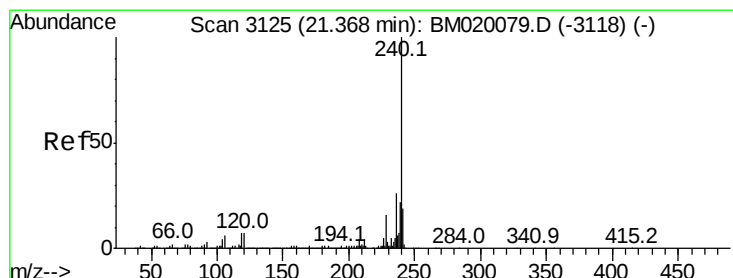
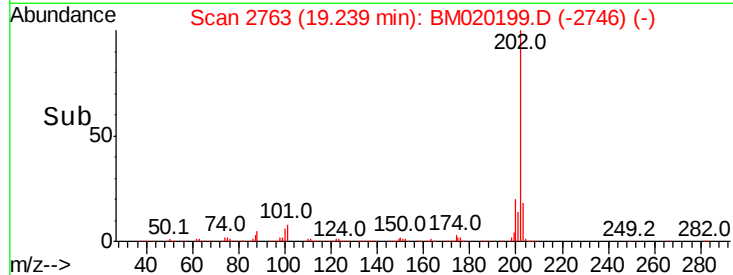
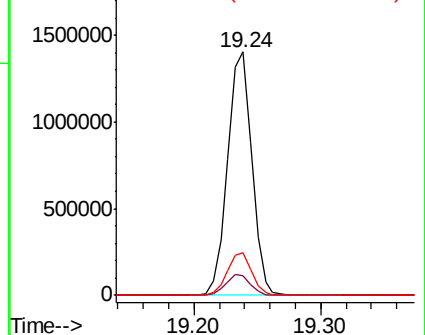
Tot Ion:	202	Resp:	1849048
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	28.4
203	17.7	0.0	37.4

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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: 21.36 min Scan# 3124

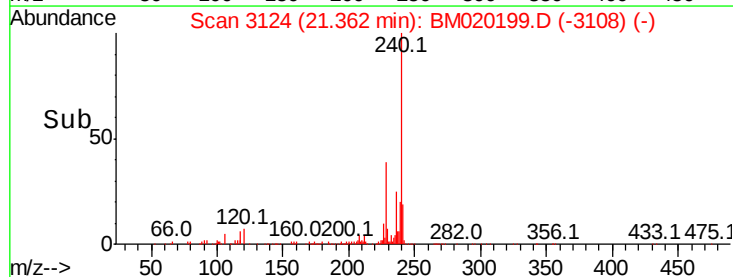
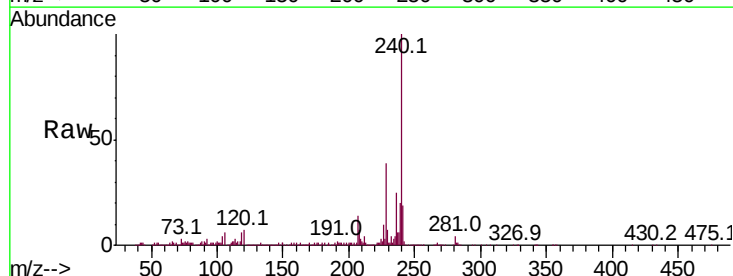
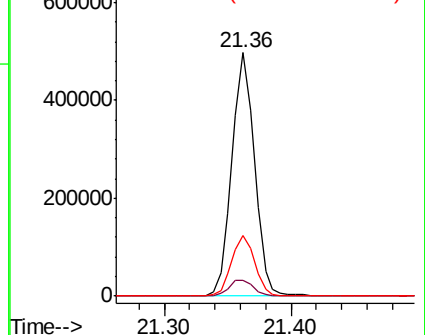
Delta R.T. -0.01 min

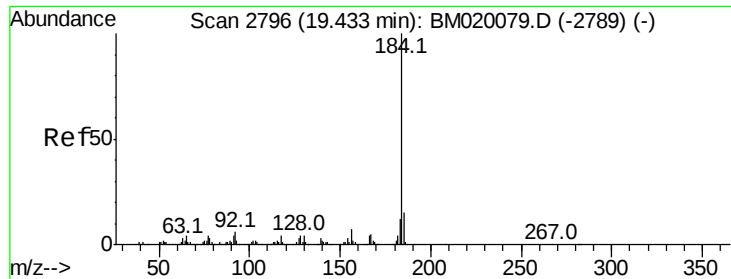
Lab File: BM020199.D

Acq: 08 May 2019 17:44

Tgt Ion:	240	Resp:	614269
Ion Ratio	Lower	Upper	
240	100		
120	6.7	5.6	8.4
236	25.0	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: 48.478 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

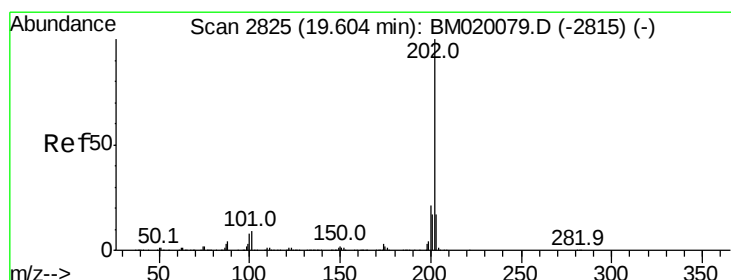
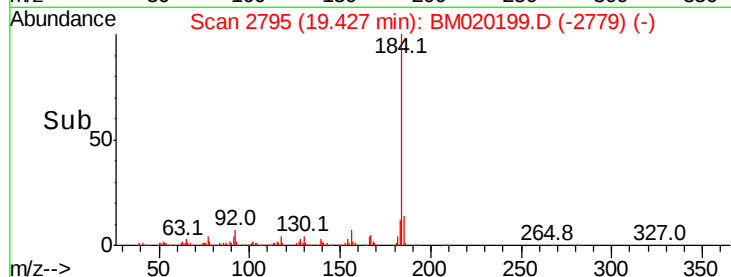
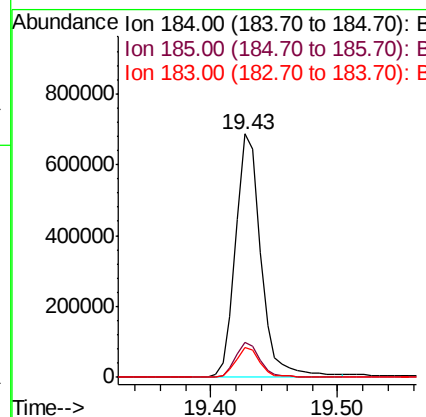
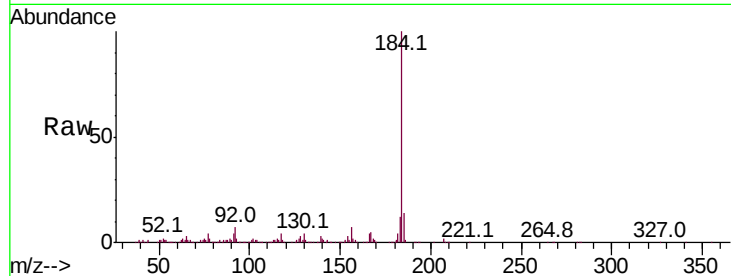
ClientSampleId :

PB119532BS

Tot Ion:	184	Resp:	952040
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.0	18.0
183	12.2	9.5	14.3

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#78

Pyrene

Concen: 44.865 ng

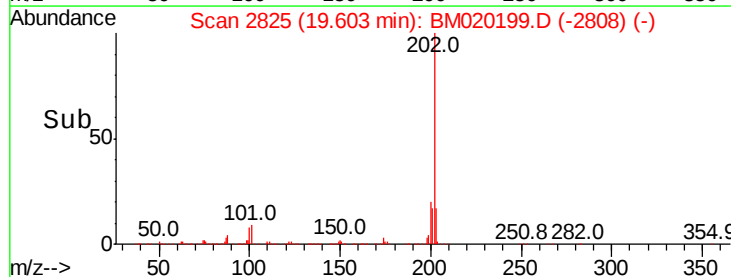
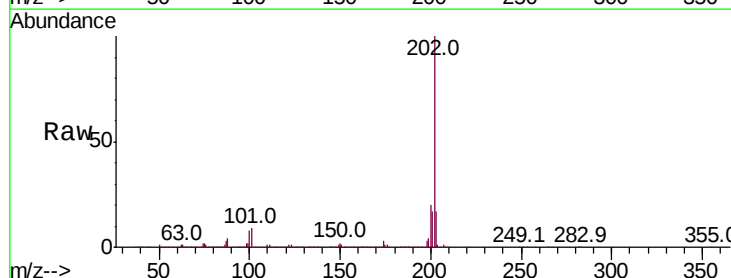
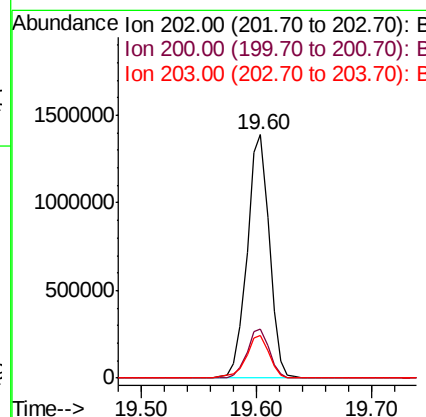
RT: 19.60 min Scan# 2825

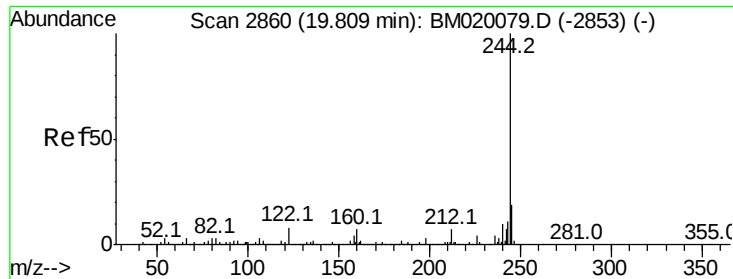
Delta R.T. -0.00 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Tgt Ion:	202	Resp:	1850288
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.5	24.7
203	17.4	13.9	20.9





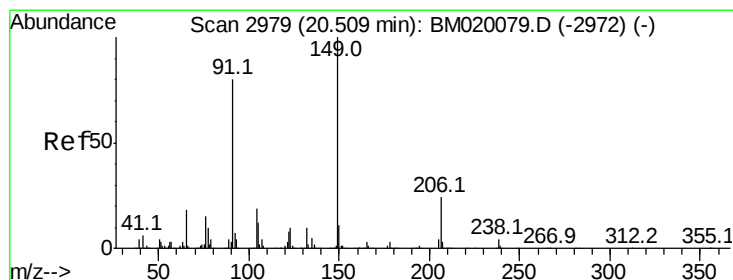
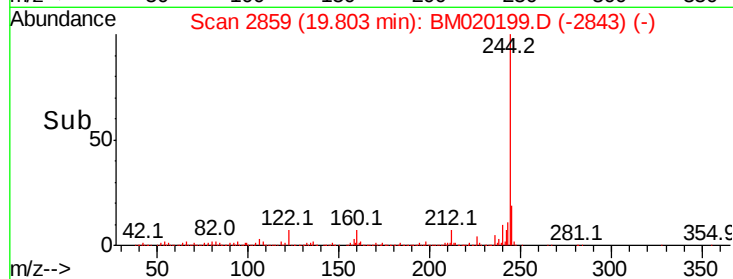
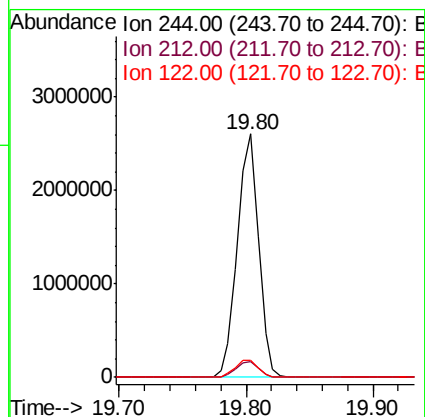
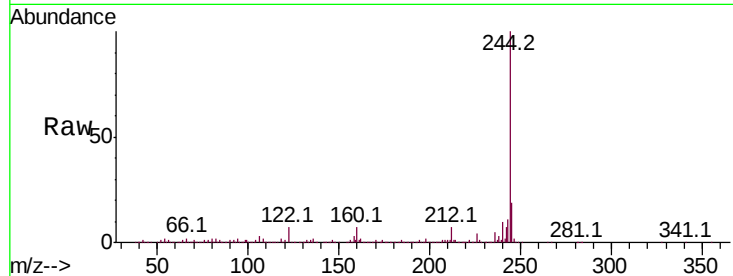
#79
 Terphenyl-d14
 Concen: 85.777 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	7.0	6.2	9.2

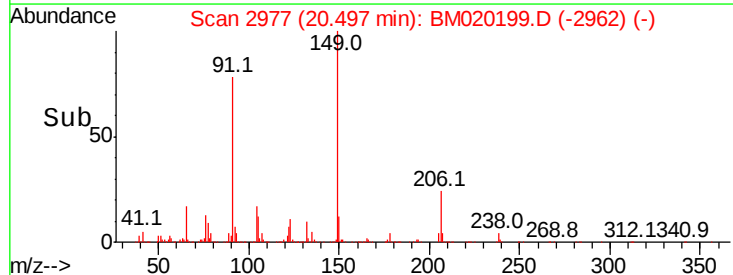
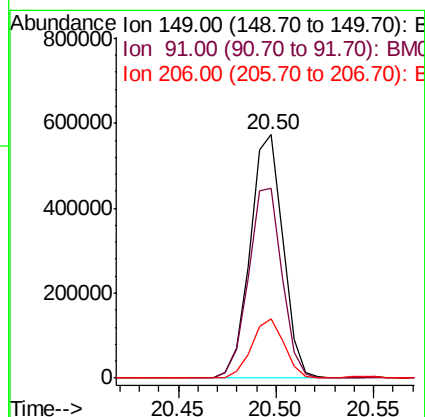
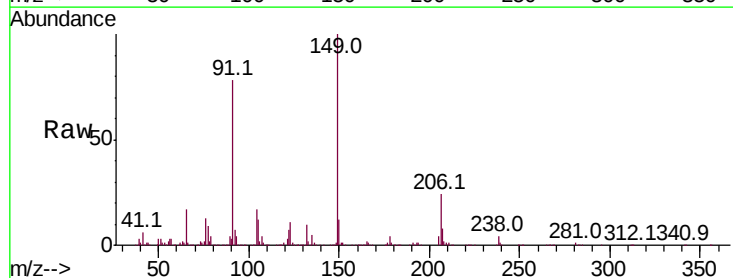
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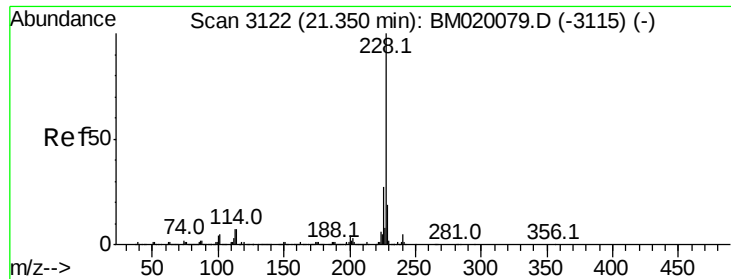
Sohil
 5/9/2019 6:45:30 PM



#80
 Butylbenzylphthalate
 Concen: 44.610 ng
 RT: 20.50 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BM020199.D
 Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	63.8	95.8
206	24.2	18.9	28.3





#81

Benzo(a)anthracene

Concen: 36.479 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tot Ion:228 Resp: 1571478

Ion Ratio Lower Upper

228 100

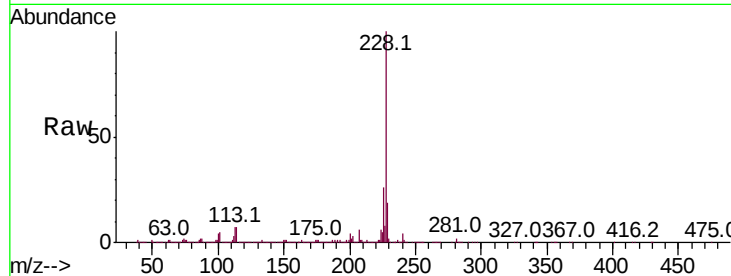
226 26.1 21.3 31.9

229 19.4 15.5 23.3

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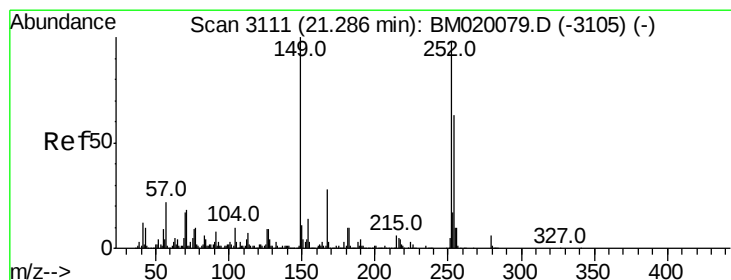
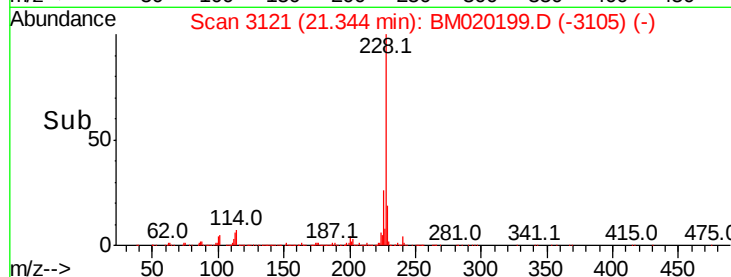
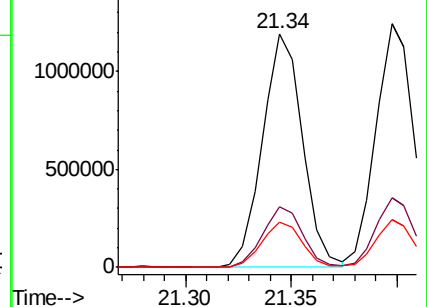
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.953 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

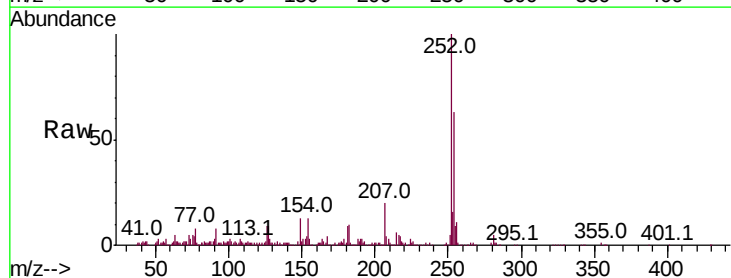
Tgt Ion:252 Resp: 426711

Ion Ratio Lower Upper

252 100

254 62.5 51.1 76.7

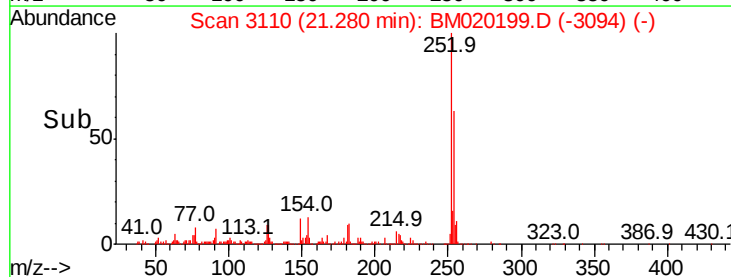
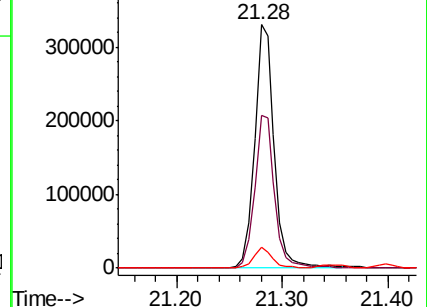
126 8.6 7.1 10.7

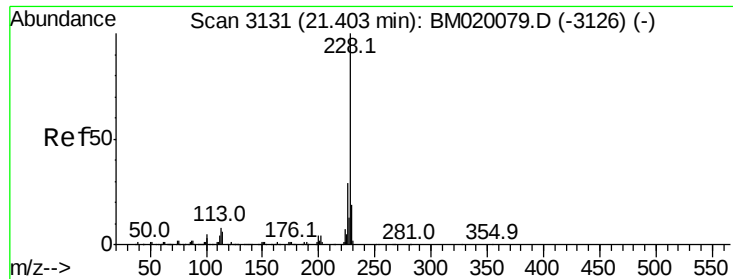


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





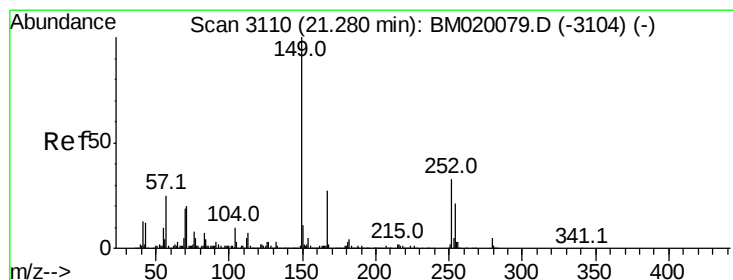
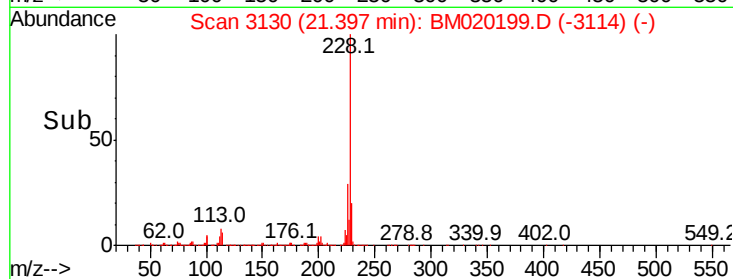
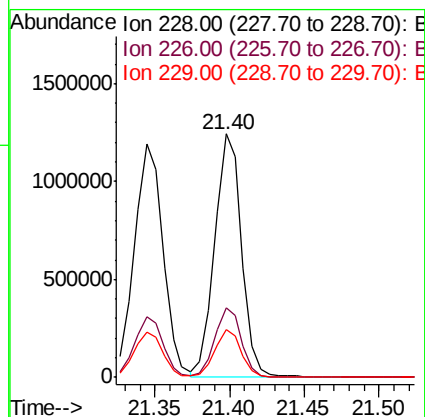
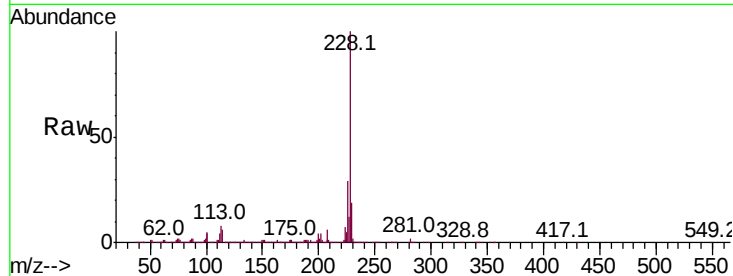
#83
Chrysene
Concen: 37.327 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	19.5	15.5	23.3

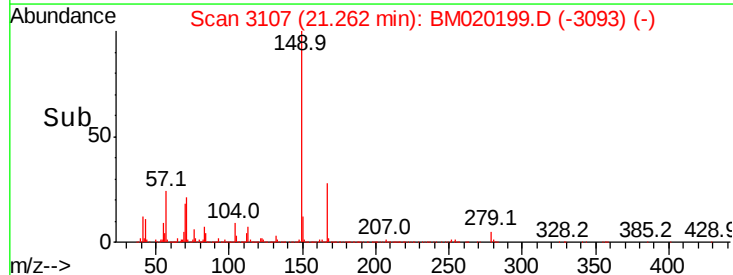
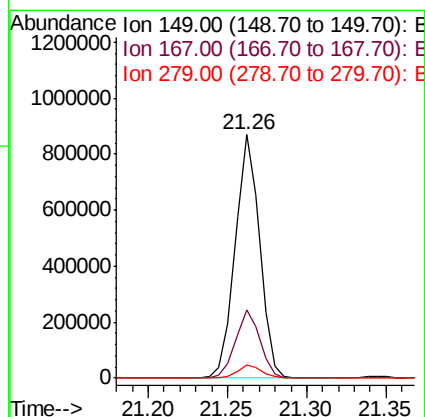
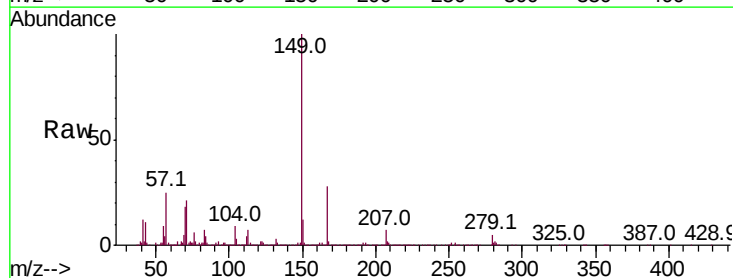
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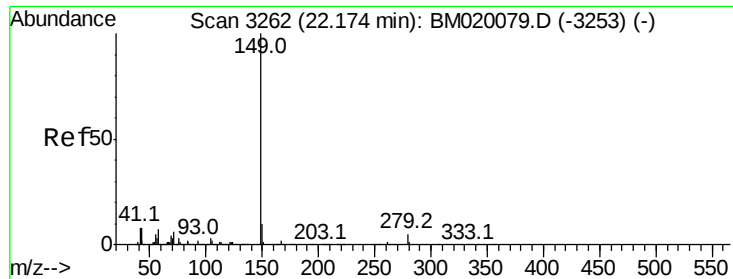
Sohil
5/9/2019 6:45:30 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.647 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	5.3	4.2	6.2





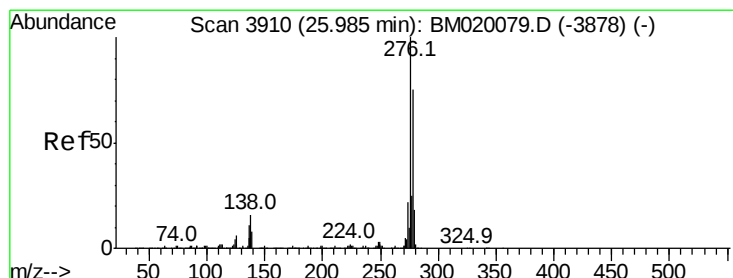
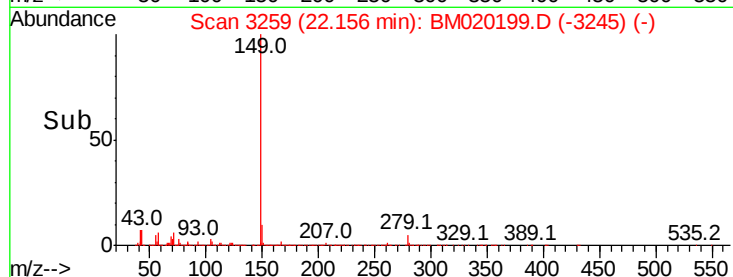
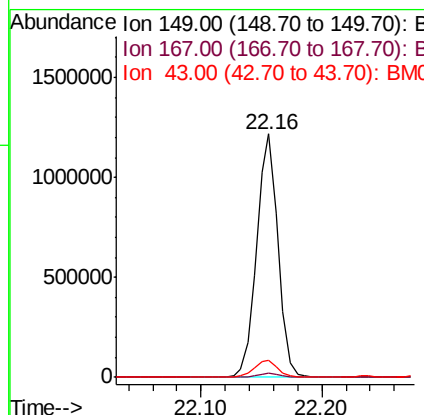
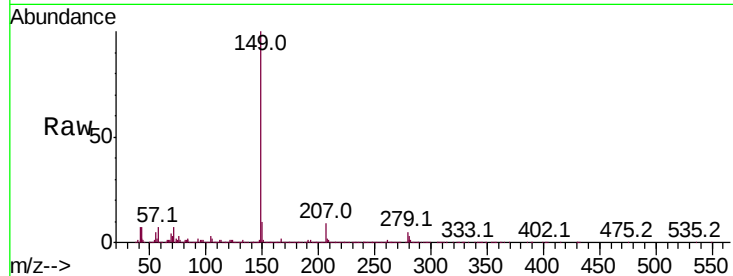
#85
Di-n-octyl phthalate
Concen: 38.266 ng
RT: 22.16 min Scan# 3259
Delta R.T. -0.02 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	7.0	6.5	9.7

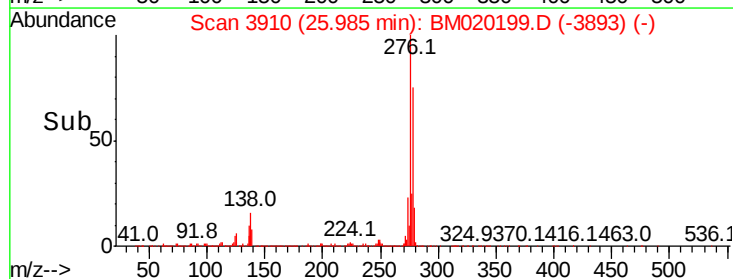
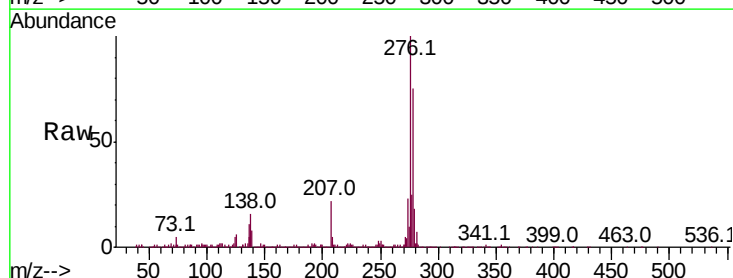
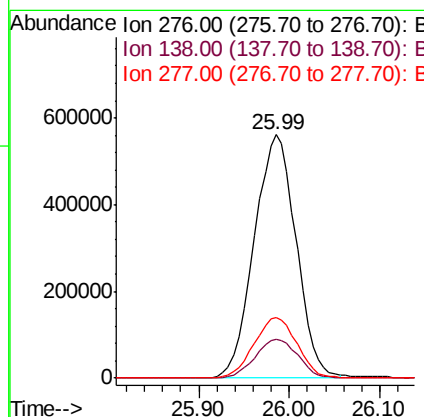
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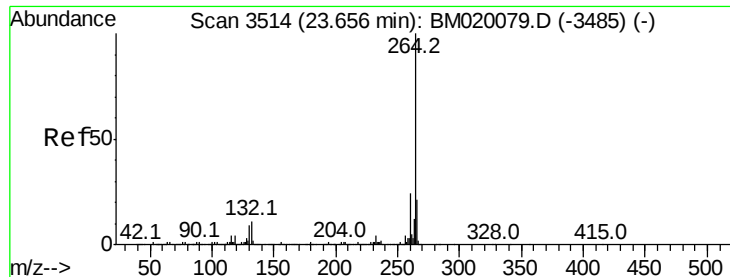
Sohil
5/9/2019 6:45:30 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.087 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	0.0	0.0#
277	25.4	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020199.D

Acq: 08 May 2019 17:44

Instrument :

BNA_M

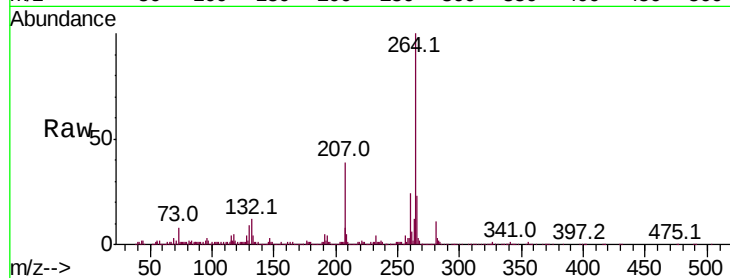
ClientSampleId :

PB119532BS

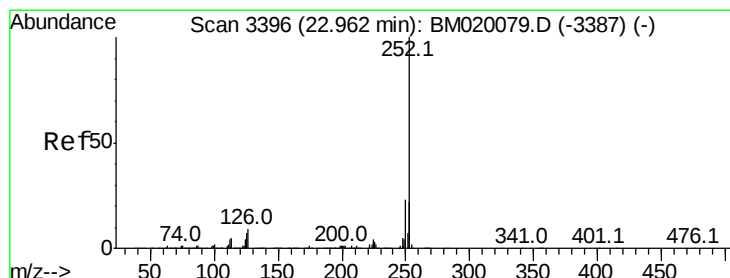
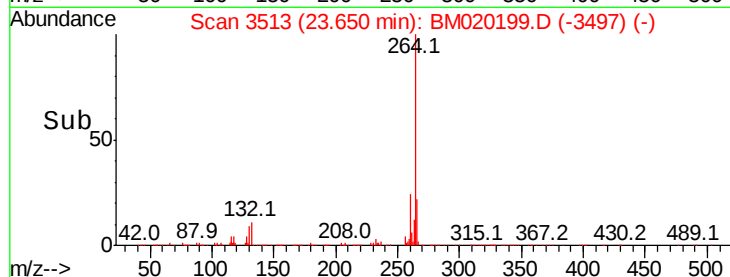
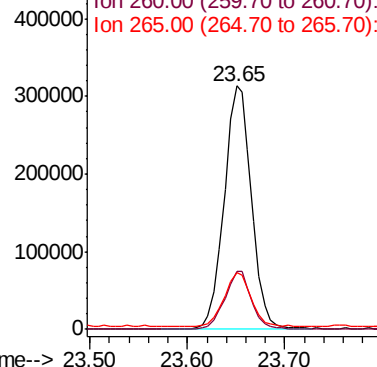
Tot Ion:	264	Resp:	617276
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	23.2	16.9	25.3

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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: 36.932 ng

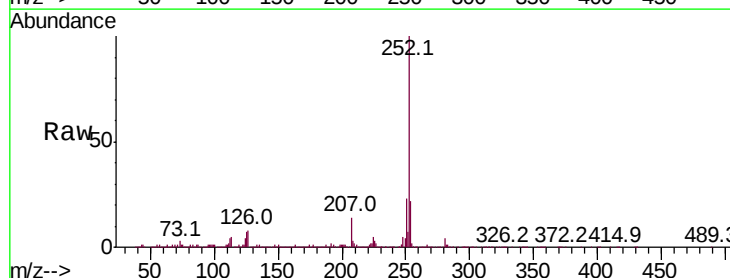
RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

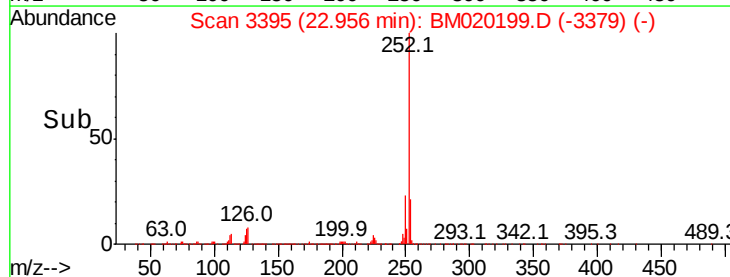
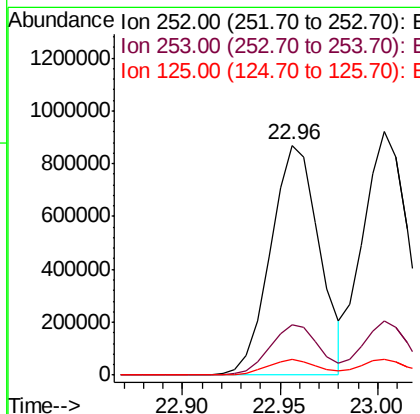
Lab File: BM020199.D

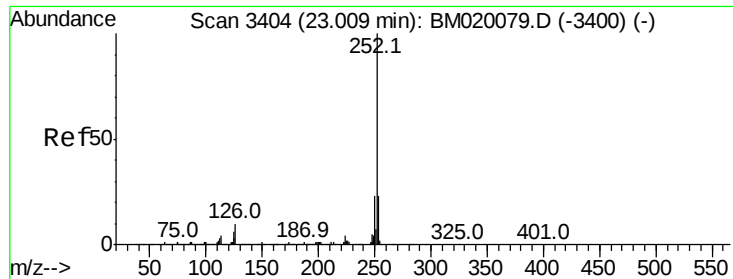
Acq: 08 May 2019 17:44

Tgt Ion:	252	Resp:	1505389
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	7.1	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





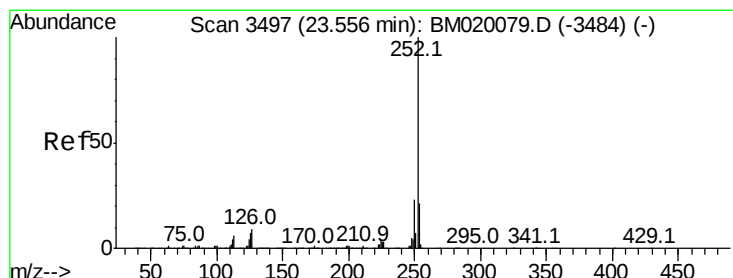
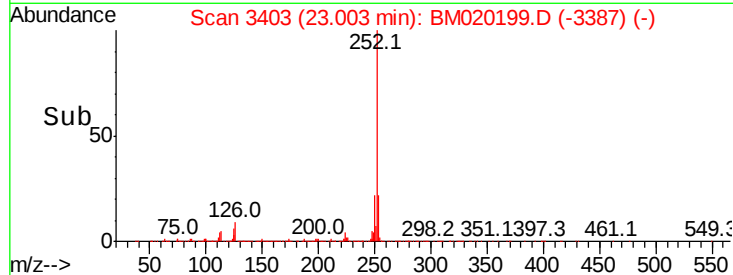
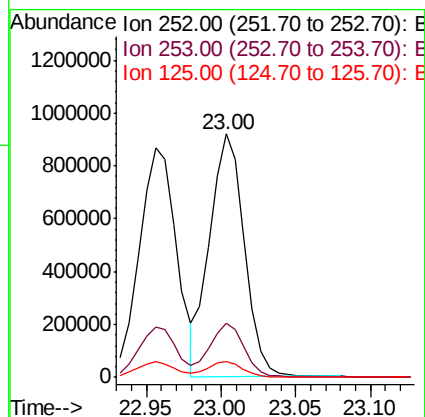
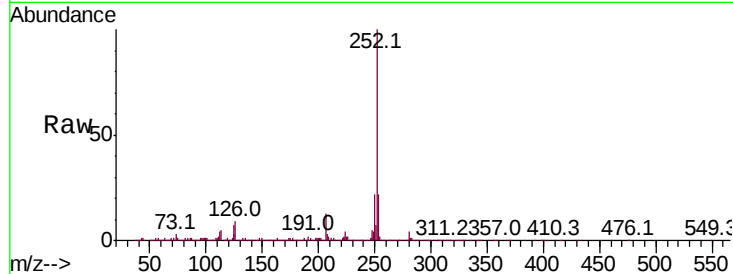
#89
Benzo(k)fluoranthene
Concen: 39.984 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion:252 Resp: 1486693
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.6 5.4 8.0

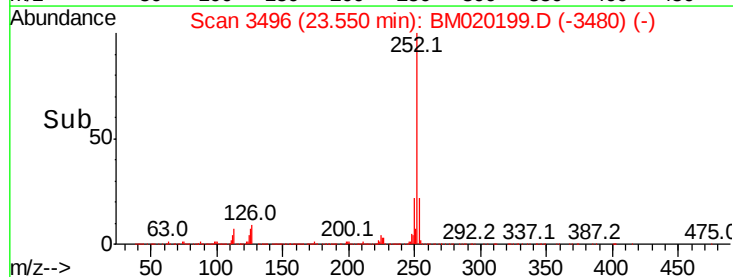
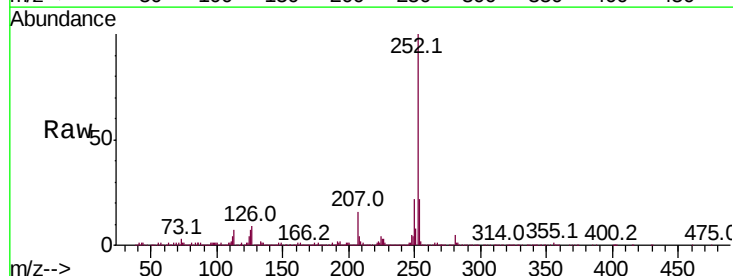
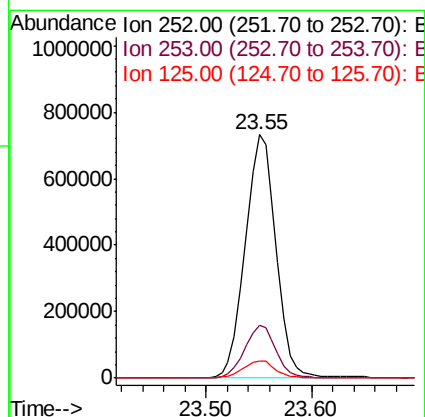
Manual Integrations
APPROVED

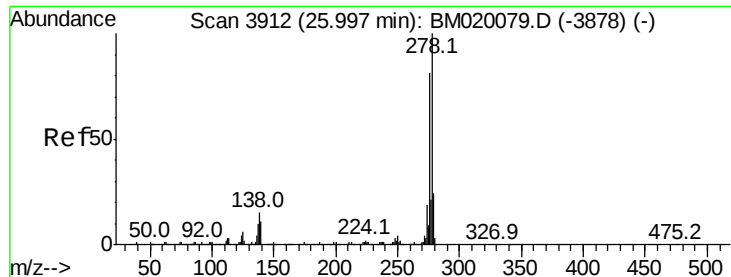
Sohil
5/9/2019 6:45:30 PM



#90
Benzo(a)pyrene
Concen: 39.829 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion:252 Resp: 1474671
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 7.1 5.5 8.3





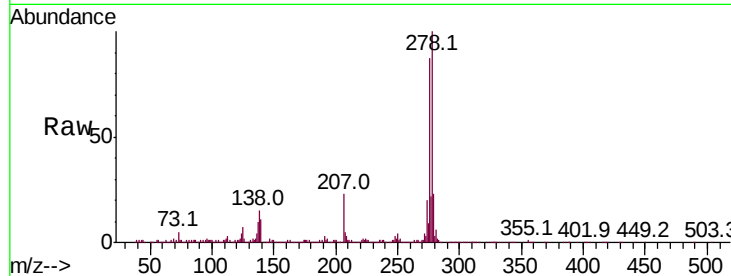
#91
Dibenzo(a,h)anthracene
Concen: 39.980 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.6	13.0
279	23.0	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/9/2019 6:45:30 PM

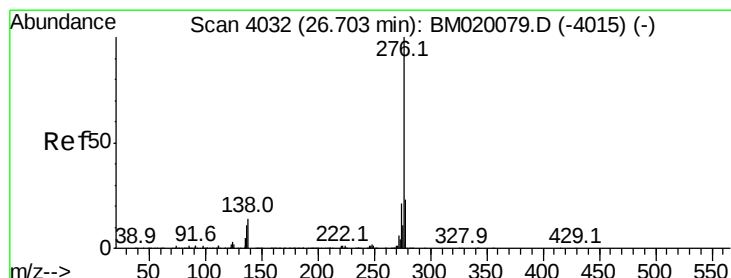
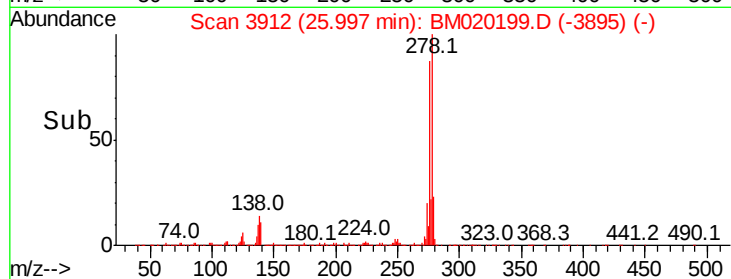
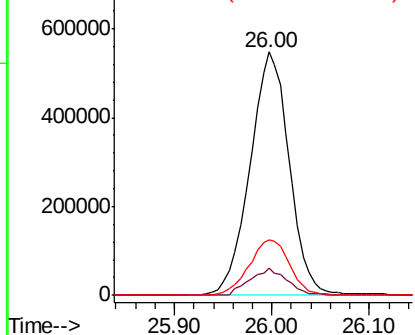


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.934 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.00 min
Lab File: BM020199.D
Acq: 08 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.4	27.6
138	13.7	11.1	16.7

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

