

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020090.D
 Acq On : 01 May 2019 15:01
 Operator : JU/SJ
 Sample : PB119354BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BS

Manual Integrations
 APPROVED

Sohil
 5/2/2019 2:19:53 AM

Quant Time: May 02 02:07:25 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	105937	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	399307	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	247216	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	576657	20.00	ng	0.00
76) Chrysene-d12	21.36	240	556594	20.00	ng	0.00
87) Perylene-d12	23.65	264	508037	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	865700	133.58	ng	0.00
7) Phenol-d6	6.95	99	1143914	129.20	ng	0.00
23) Nitrobenzene-d5	8.96	82	764871	75.62	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	525730	137.01	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1518219	75.56	ng	0.00
79) Terphenyl-d14	19.80	244	2544980	79.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	109349	34.402	ng	98
3) Pyridine	3.70	79	273511	33.645	ng	99
4) n-Nitrosodimethylamine	3.62	42	104248	39.991	ng	99
6) Aniline	7.13	93	335146	30.070	ng	98
8) 2-Chlorophenol	7.36	128	266506	37.766	ng	98
9) Benzaldehyde	6.94	77	204214	30.474	ng	98
10) Phenol	6.98	94	356832	37.437	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	255395	36.866	ng	100
12) 1,3-Dichlorobenzene	7.67	146	305834	37.249	ng	98
13) 1,4-Dichlorobenzene	7.83	146	310485	37.434	ng	96
14) 1,2-Dichlorobenzene	8.14	146	294358	37.251	ng	99
15) Benzyl Alcohol	8.03	79	310488	36.368	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	196024	34.124	ng	97
17) 2-Methylphenol	8.22	107	234672	38.247	ng	98
18) Hexachloroethane	8.86	117	129798	37.532	ng	98
19) n-Nitroso-di-n-propylamine	8.60	70	269125	35.528	ng	98
20) 3+4-Methylphenols	8.55	107	308625	37.846	ng	99
22) Acetophenone	8.62	105	438767	40.205	ng	# 99
24) Nitrobenzene	9.00	77	409632	39.062	ng	98
25) Isophorone	9.52	82	653674	37.478	ng	99
26) 2-Nitrophenol	9.70	139	124829	39.429	ng	99
27) 2,4-Dimethylphenol	9.75	122	236116	44.797	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	361709	38.077	ng	99
29) 2,4-Dichlorophenol	10.23	162	272682	41.028	ng	96
30) 1,2,4-Trichlorobenzene	10.45	180	335591	41.036	ng	98
31) Naphthalene	10.63	128	811229	39.149	ng	100
32) Benzoic acid	9.87	122	127281	35.876	ng	95
33) 4-Chloroaniline	10.75	127	180776	21.196	ng	98
34) Hexachlorobutadiene	10.90	225	232886	40.256	ng	96
35) Caprolactam	11.53	113	69495m	34.969	ng	
36) 4-Chloro-3-methylphenol	11.86	107	293827	37.620	ng	99
37) 2-Methylnaphthalene	12.24	142	607687	40.226	ng	99
38) 1-Methylnaphthalene	12.47	142	569518	38.553	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	397860	41.135	ng	98

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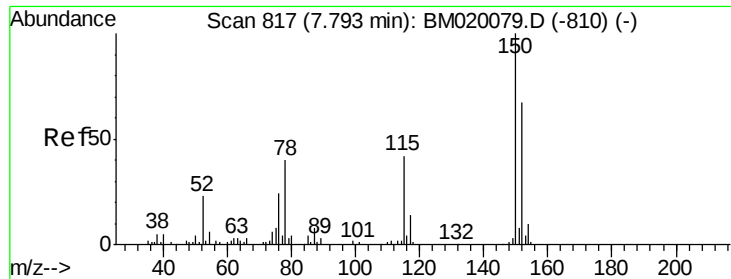
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	522686	91.781	nq	98
43) 2,4,6-Trichlorophenol	12.86	196	230092	41.859	nq	99
44) 2,4,5-Trichlorophenol	12.92	196	247836	40.359	nq	96
46) 1,1'-Biphenyl	13.26	154	791974	38.921	nq	98
47) 2-Chloronaphthalene	13.30	162	642842	39.568	nq	99
48) 2-Nitroaniline	13.52	65	216935	37.506	nq	98
49) Acenaphthylene	14.16	152	969647	37.293	nq	99
50) Dimethylphthalate	13.89	163	791499	37.670	nq	99
51) 2,6-Dinitrotoluene	14.02	165	166356	37.591	nq	97
52) Acenaphthene	14.50	154	574369	38.522	nq	98
53) 3-Nitroaniline	14.34	138	96712	23.546	nq	96
54) 2,4-Dinitrophenol	14.55	184	172210	77.932	nq	98
55) Dibenzofuran	14.83	168	974656	38.754	nq	100
56) 4-Nitrophenol	14.64	139	262606	74.936	nq	98
57) 2,4-Dinitrotoluene	14.80	165	231864	38.558	nq	98
58) Fluorene	15.48	166	780493	37.787	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	236476	40.523	nq	98
60) Diethylphthalate	15.26	149	800660	37.823	nq	99
61) 4-Chlorophenyl-phenylether	15.47	204	455509	38.922	nq	99
62) 4-Nitroaniline	15.51	138	152770	33.703	nq	92
63) Azobenzene	15.77	77	952705	38.149	nq	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	104644	37.761	nq	95
66) n-Nitrosodiphenylamine	15.69	169	682257	40.207	nq	99
67) 4-Bromophenyl-phenylether	16.37	248	279022	39.458	nq	96
68) Hexachlorobenzene	16.47	284	320074	39.334	nq	97
69) Atrazine	16.64	200	249674	37.651	nq	99
70) Pentachlorophenol	16.82	266	388837	83.516	nq	97
71) Phenanthrene	17.22	178	1237539	38.877	nq	99
72) Anthracene	17.31	178	1253596	39.389	nq	99
73) Carbazole	17.59	167	1058934	36.875	nq	99
74) Di-n-butylphthalate	18.14	149	1289060	37.299	nq	99
75) Fluoranthene	19.23	202	1491457	37.031	nq	99
77) Benzidine	19.43	184	488057	27.427	nq	99
78) Pyrene	19.60	202	1506034	40.302	nq	99
80) Butylbenzylphthalate	20.50	149	541656	39.859	nq	98
81) Benzo(a)anthracene	21.34	228	1450259	37.154	nq	99
82) 3,3'-Dichlorobenzidine	21.29	252	494092	33.165	nq	99
83) Chrysene	21.40	228	1448783	38.271	nq	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	807705	38.303	nq	98
85) Di-n-octyl phthalate	22.17	149	1323837	37.772	nq	100
86) Indeno(1,2,3-cd)pyrene	25.98	276	1765628	39.211	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	1485084	44.267	nq	99
89) Benzo(k)fluoranthene	23.00	252	1487313	48.602	nq	99
90) Benzo(a)pyrene	23.55	252	1454016	47.716	nq	98
91) Dibenzo(a,h)anthracene	26.00	278	1516696	47.860	nq	98
92) Benzo(g,h,i)perylene	26.69	276	1486115	49.394	nq	98

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



#1

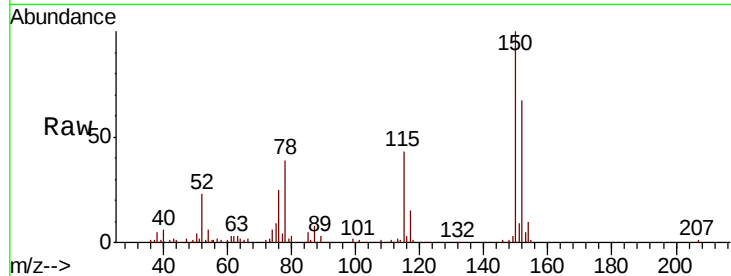
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.79 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampled :
 PB119354BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.8	179.8
115	64.0	50.8	76.2

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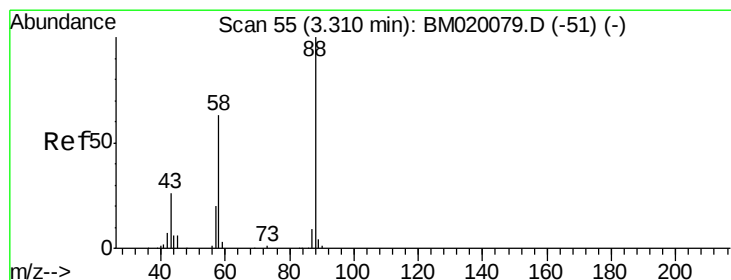
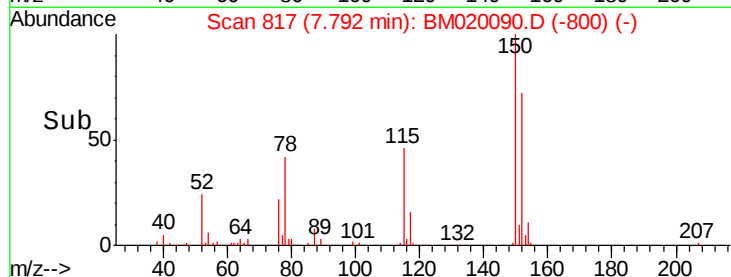
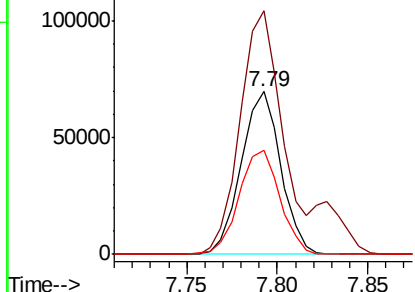


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

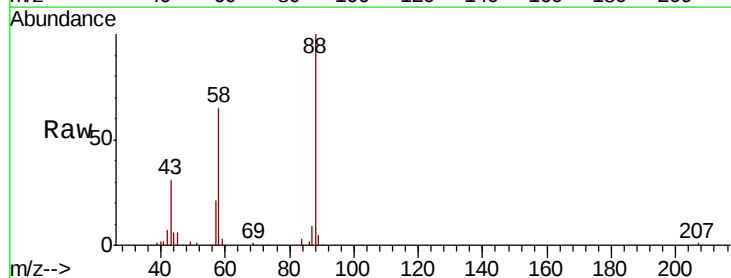
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 34.402 ng
 RT: 3.31 min Scan# 55
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	51.8	77.6
43	25.2	20.3	30.5

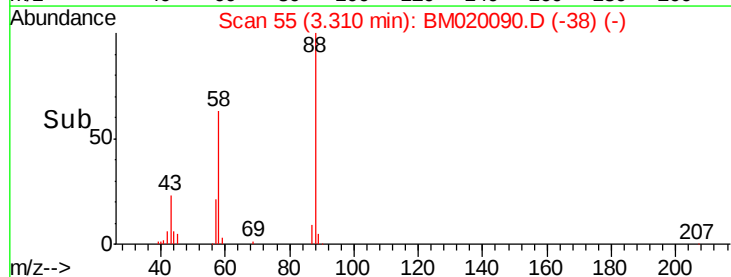
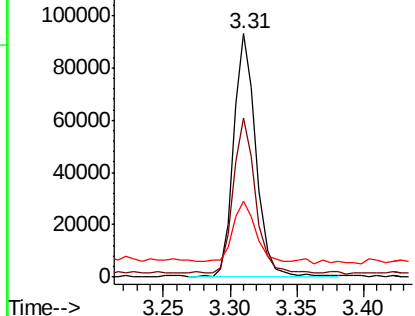


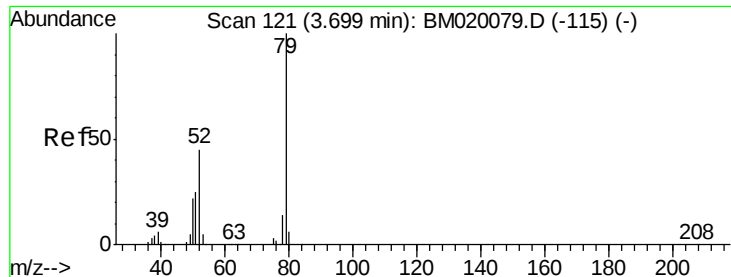
Abundance

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: 33.645 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

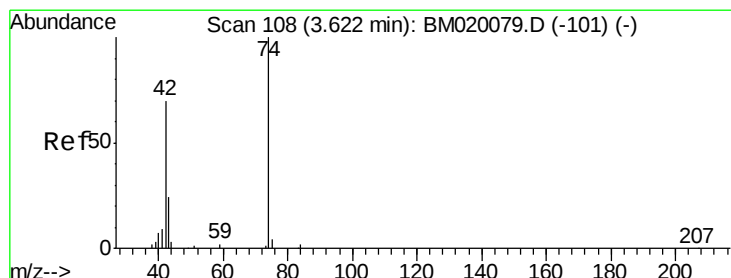
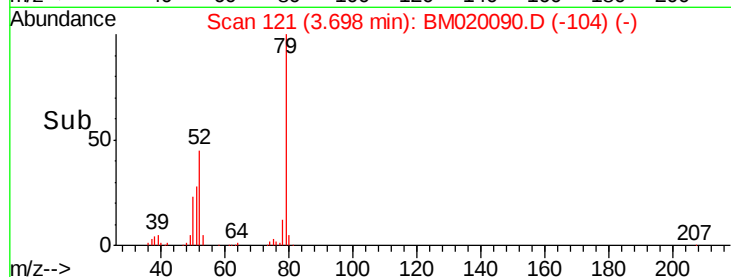
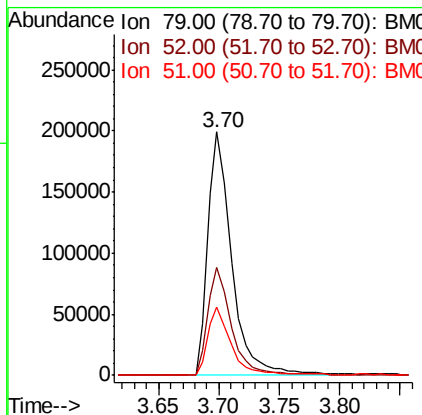
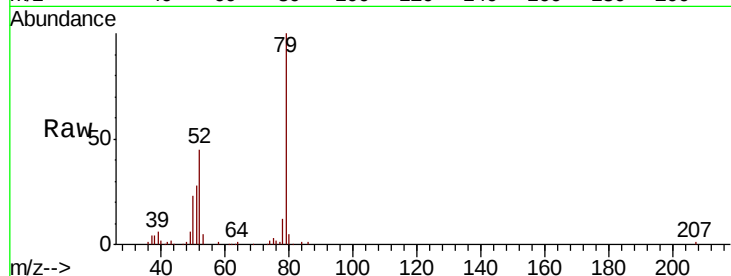
ClientSampled :

PB119354BS

Tot Ion:	79	Resp:	273511
Ion Ratio	Lower	Upper	
79	100		
52	44.5	35.7	53.5
51	28.0	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 39.991 ng

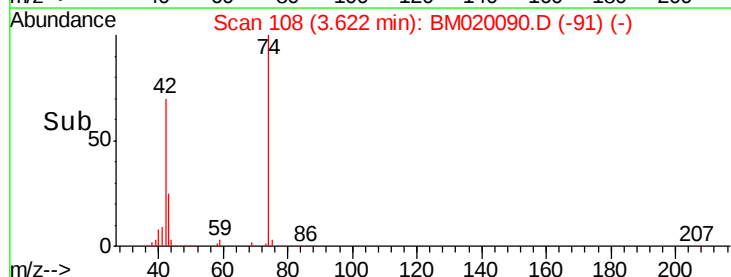
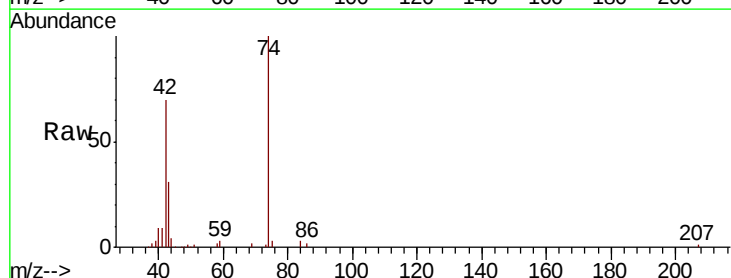
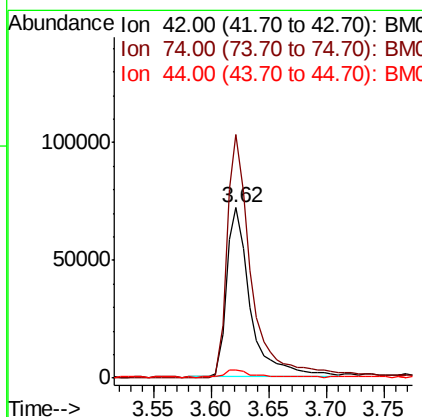
RT: 3.62 min Scan# 108

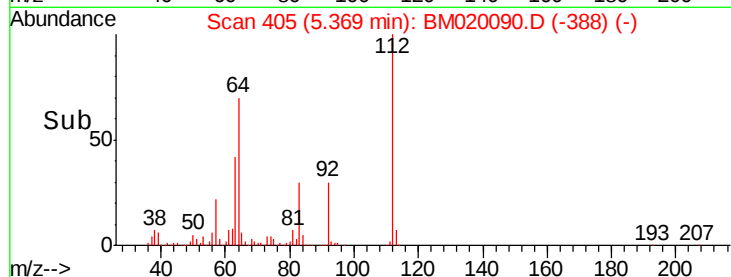
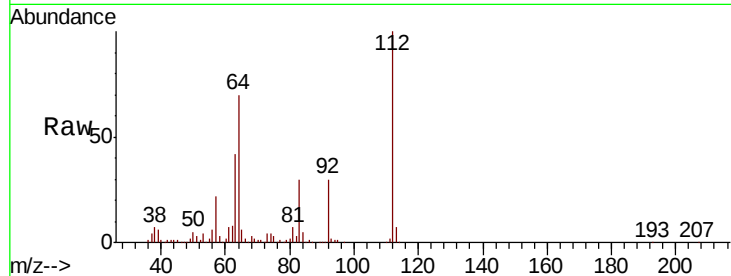
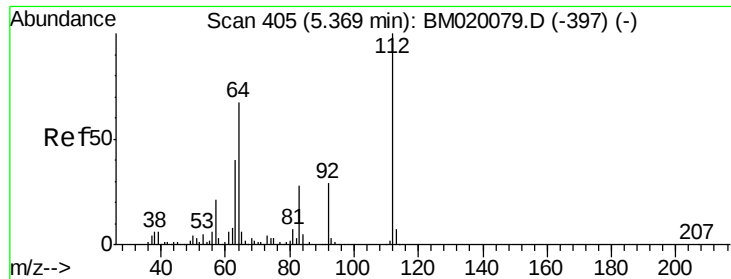
Delta R.T. -0.00 min

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Tgt Ion:	42	Resp:	104248
Ion Ratio	Lower	Upper	
42	100		
74	143.1	113.7	170.5
44	5.1	3.9	5.9





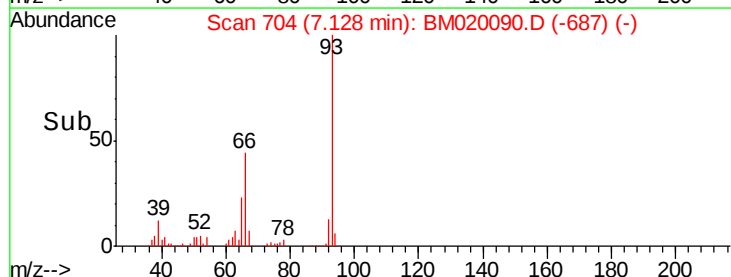
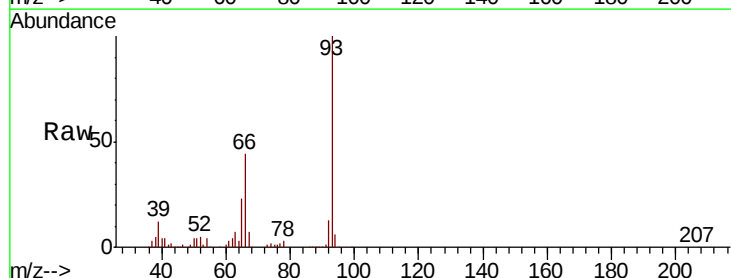
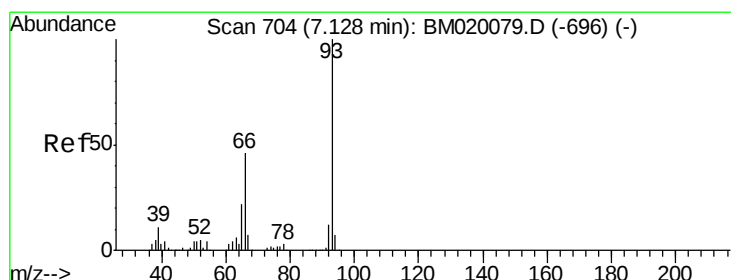
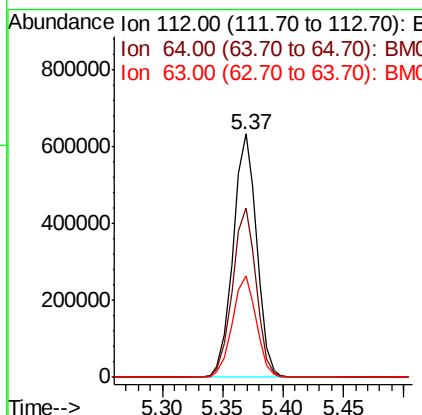
#5
2-Fluorophenol
Concen: 133.576 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	69.6	53.8	80.6
63	41.7	32.3	48.5

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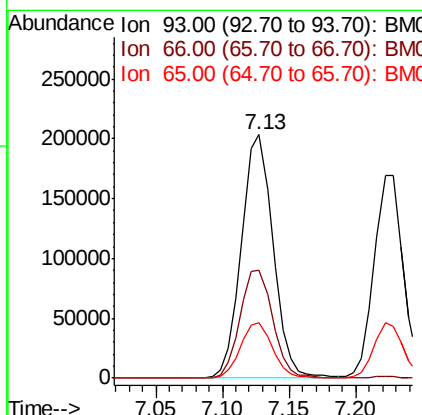
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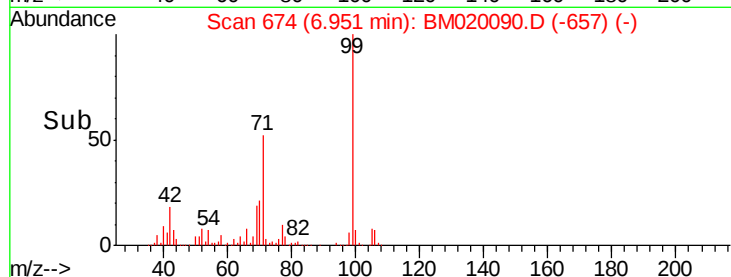
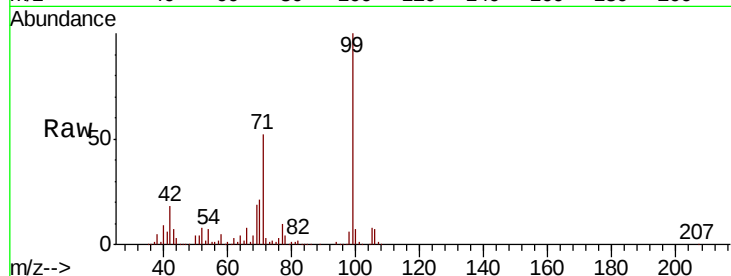
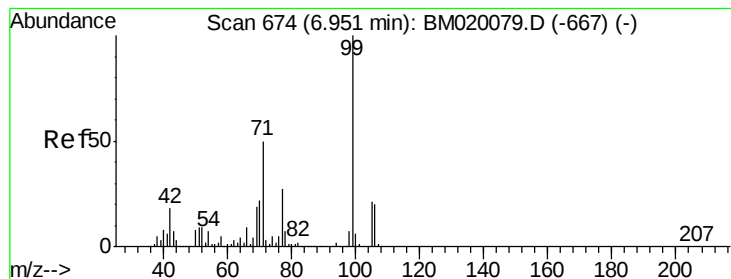
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#6
Aniline
Concen: 30.070 ng
RT: 7.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	44.3	36.6	54.8
65	22.9	17.8	26.6





#7

Phenol-d6

Concen: 129.199 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tot Ion:	99	Resp:	1143914
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.2	21.2
71	52.5	40.3	60.5

Instrument :

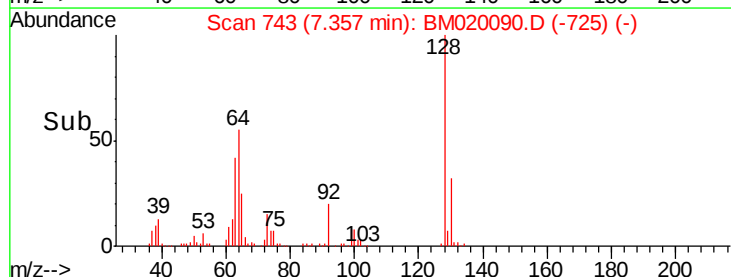
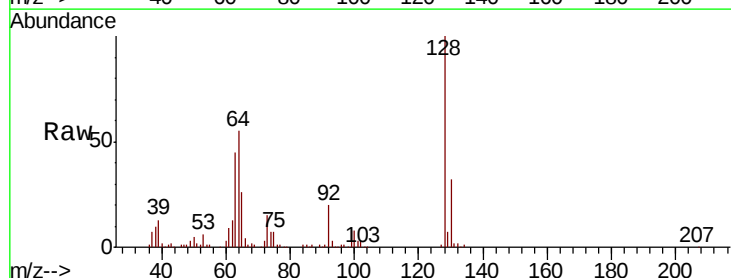
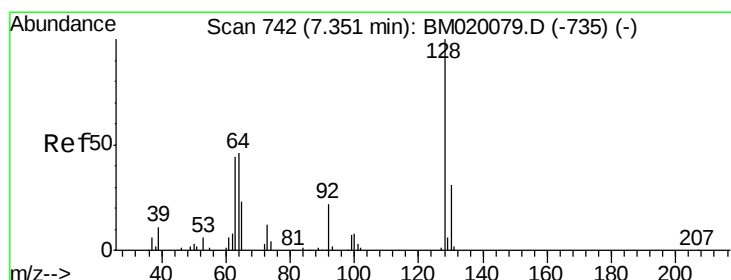
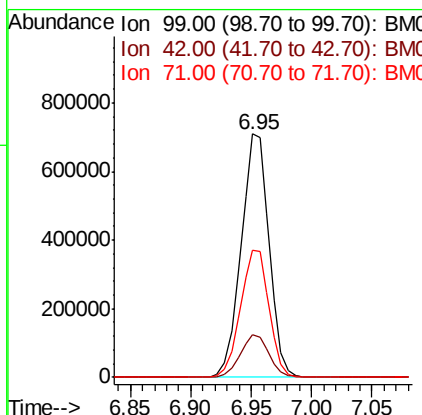
BNA_M

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#8

2-Chlorophenol

Concen: 37.766 ng

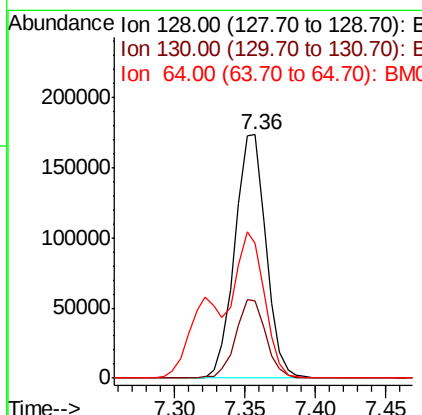
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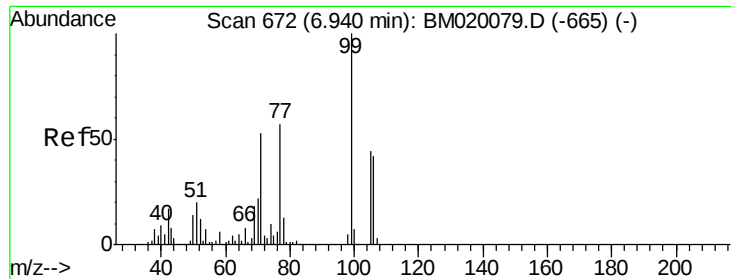
Delta R.T. 0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	128	Resp:	266506
Ion	Ratio	Lower	Upper
128	100		
130	32.0	10.8	50.8
64	55.4	36.5	76.5





#9

Benzaldehyde

Concen: 30.474 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

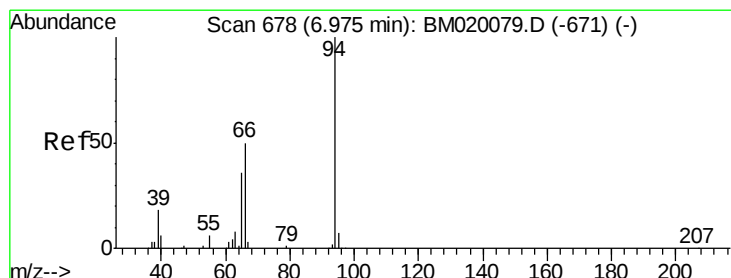
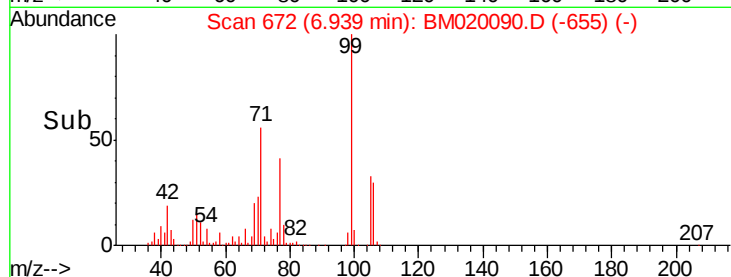
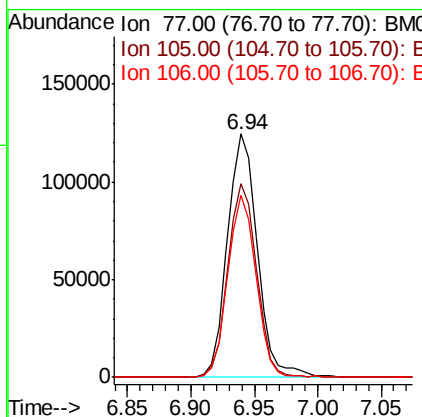
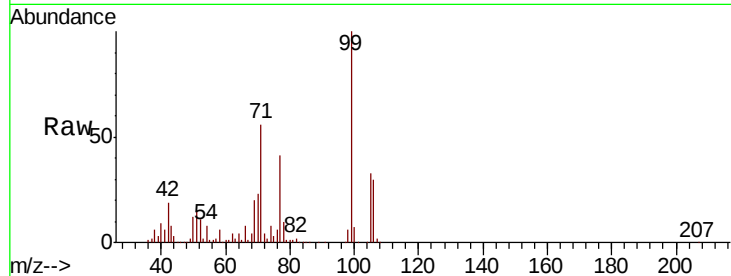
ClientSampleId :

PB119354BS

Tot Ion:	77	Resp:	204214
Ion Ratio	Lower	Upper	
77	100		
105	79.8	57.8	97.8
106	74.6	53.6	93.6

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#10

Phenol

Concen: 37.437 ng

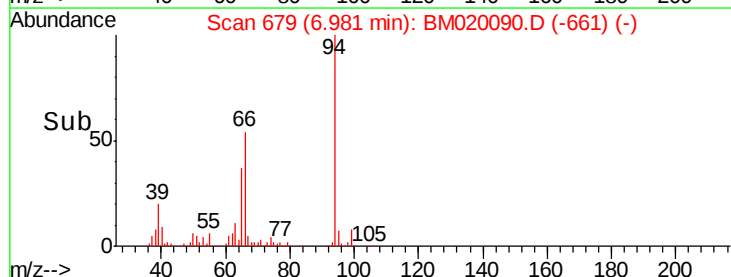
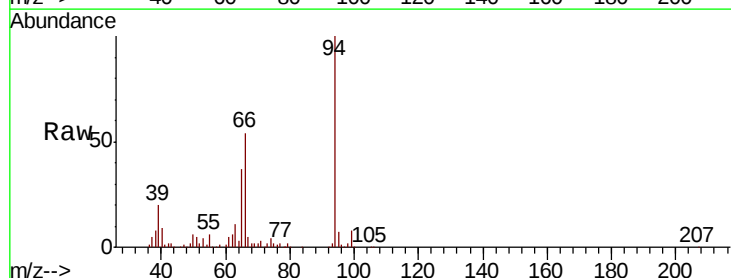
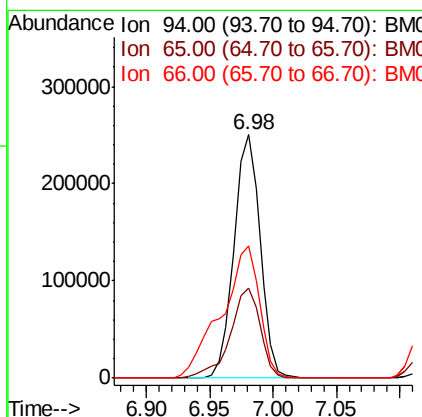
RT: 6.98 min Scan# 679

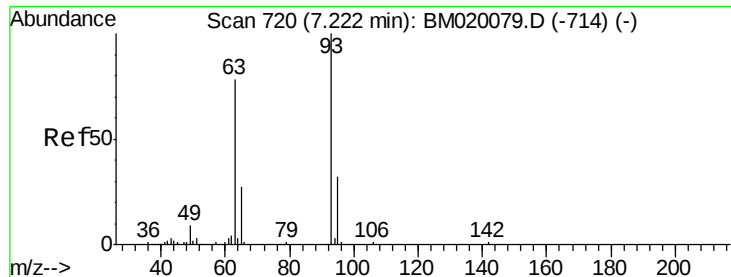
Delta R.T. 0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	94	Resp:	356832
Ion Ratio	Lower	Upper	
94	100		
65	36.8	17.0	57.0
66	54.1	34.5	74.5





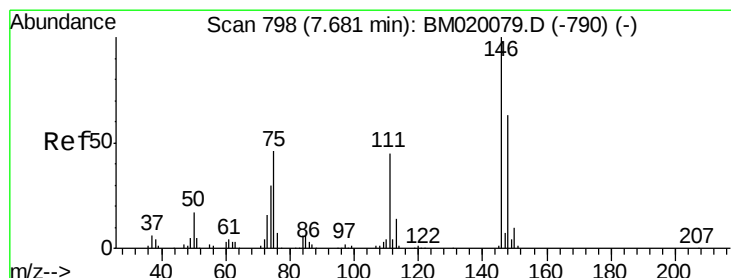
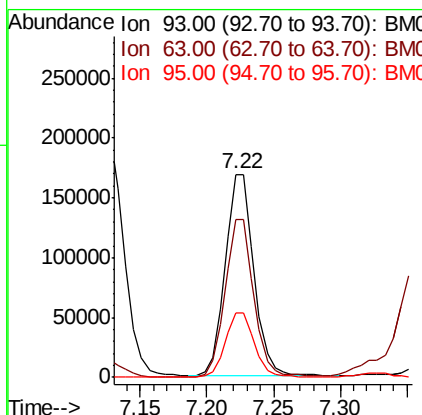
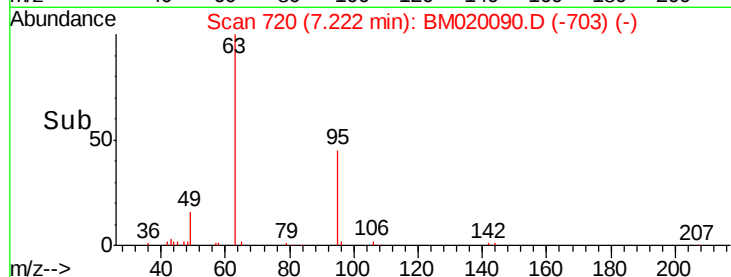
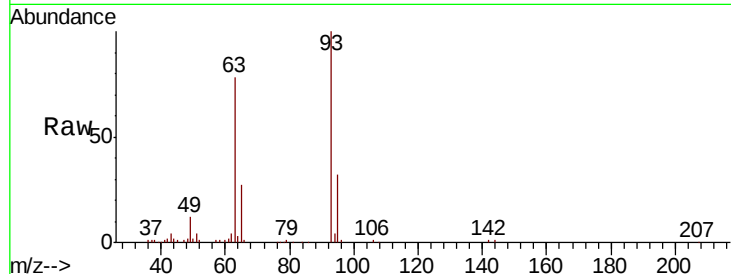
#11
bis(2-Chloroethyl)ether
Concen: 36.866 ng
RT: 7.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampled :
PB119354BS

Tot Ion:	93	Resp:	255395
Ion Ratio	Lower	Upper	
93	100		
63	77.6	57.9	97.9
95	31.6	11.3	51.3

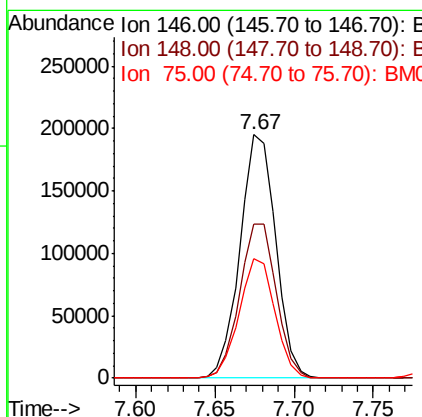
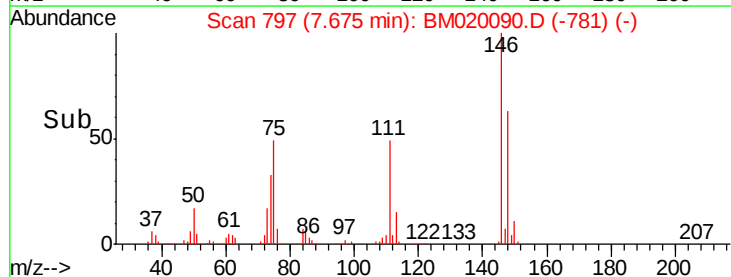
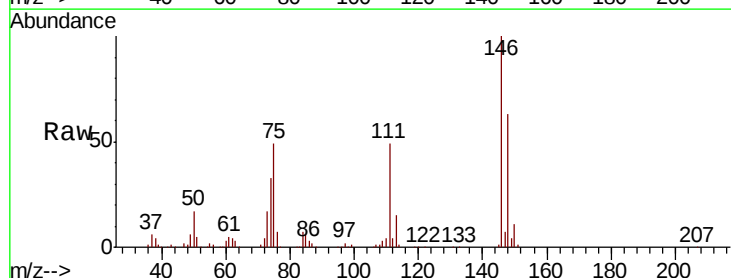
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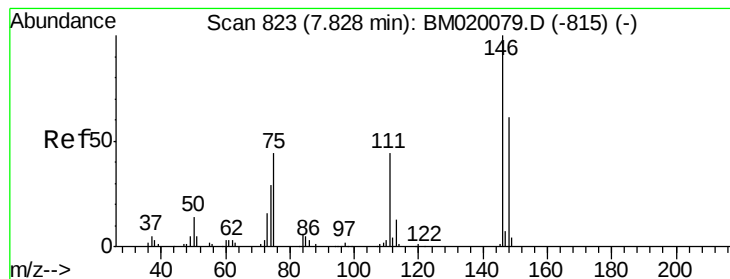
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#12
1,3-Dichlorobenzene
Concen: 37.249 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:	146	Resp:	305834
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.1	75.1
75	49.3	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 37.434 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

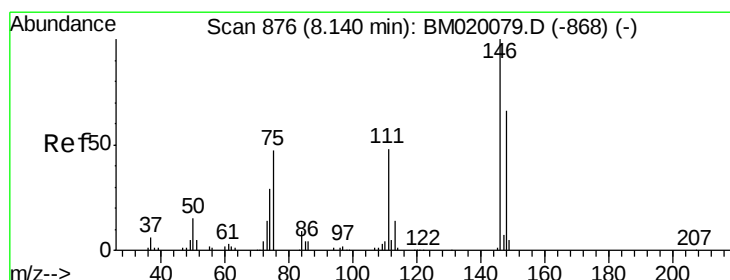
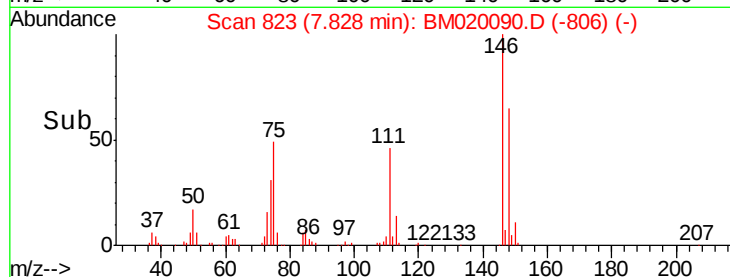
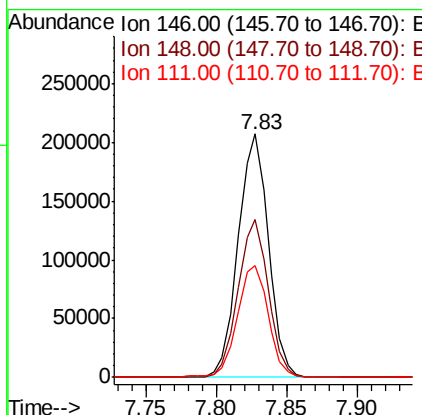
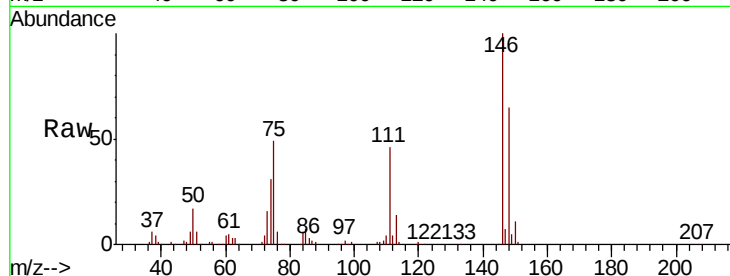
ClientSampled :

PB119354BS

Tot Ion:	146	Resp:	310485
Ion Ratio	Lower	Upper	
146	100		
148	64.8	48.5	72.7
111	46.1	35.7	53.5

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#14

1,2-Dichlorobenzene

Concen: 37.251 ng

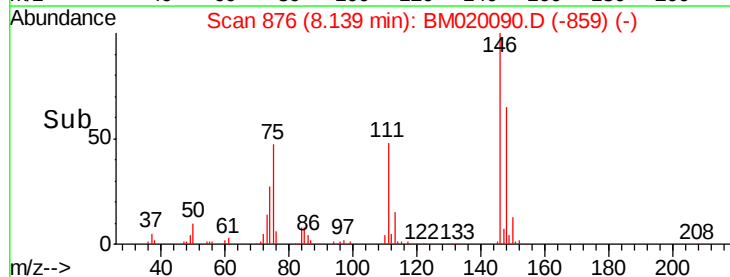
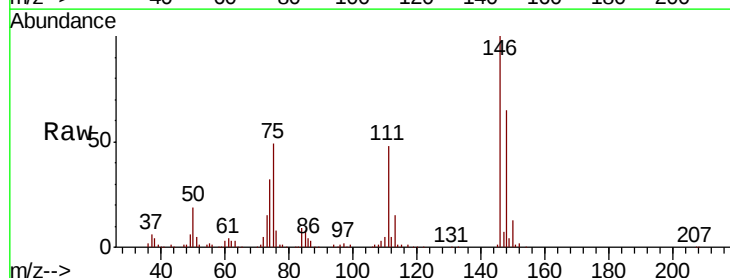
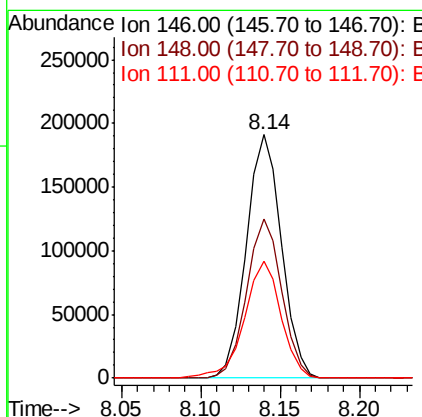
RT: 8.14 min Scan# 876

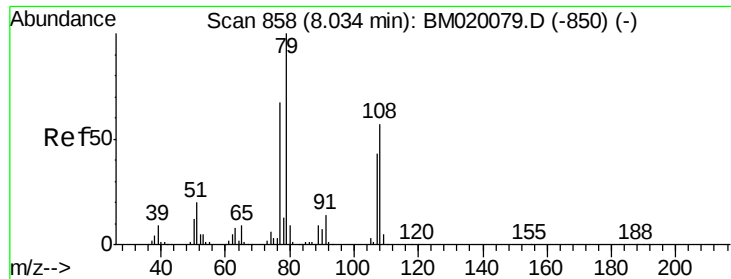
Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	146	Resp:	294358
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.6	79.0
111	48.2	39.0	58.4





#15

Benzyl Alcohol

Concen: 36.368 ng

RT: 8.03 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

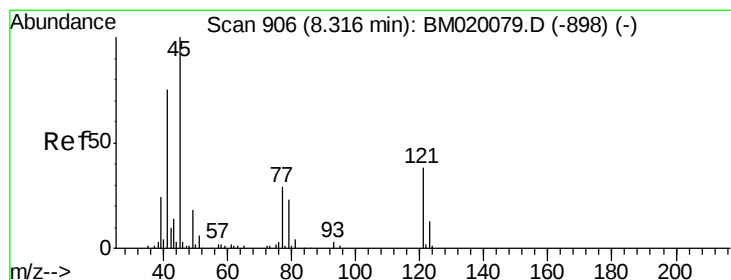
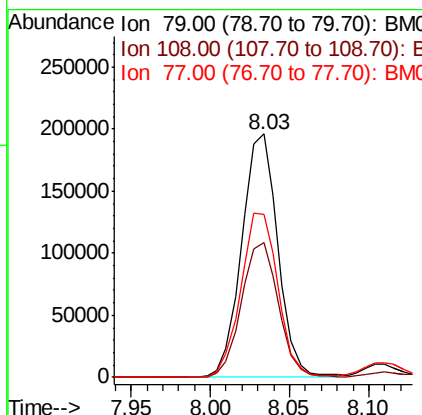
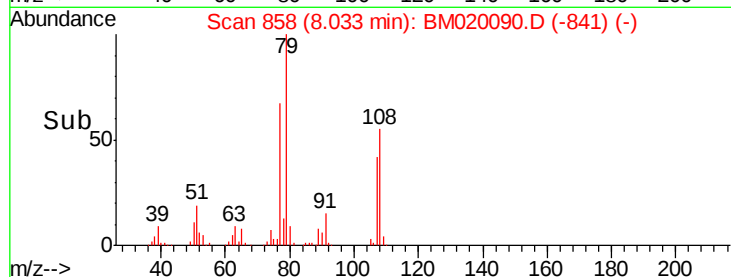
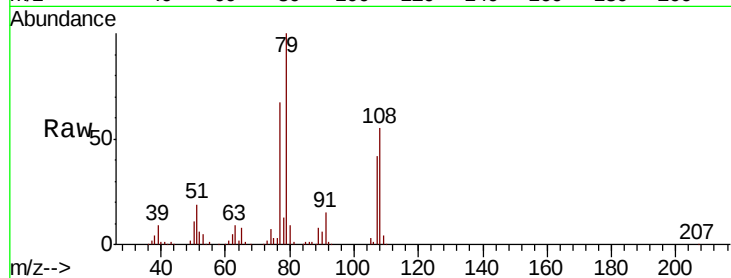
ClientSampled :

PB119354BS

Tot Ion:	79	Resp:	310488
Ion Ratio	Lower	Upper	
79	100		
108	55.5	46.0	69.0
77	67.1	53.8	80.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.124 ng

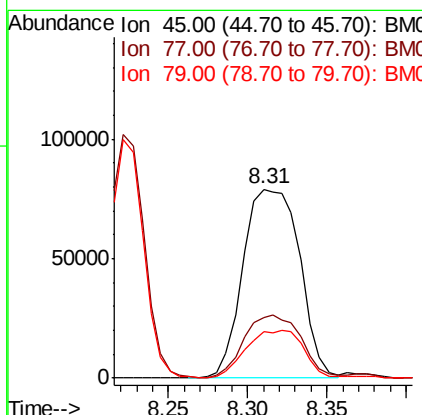
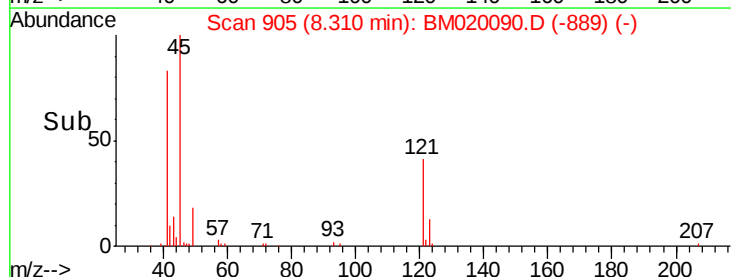
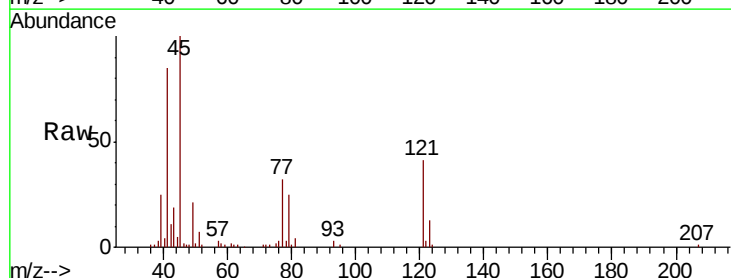
RT: 8.31 min Scan# 905

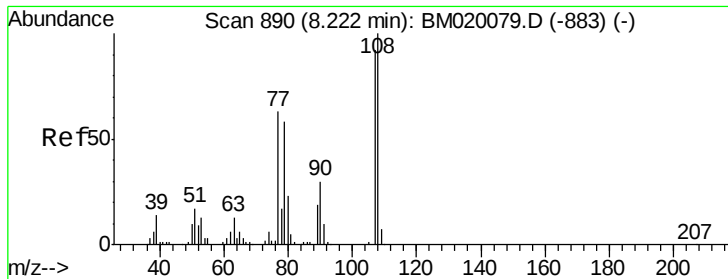
Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	45	Resp:	196024
Ion Ratio	Lower	Upper	
45	100		
77	32.1	10.5	50.5
79	24.7	3.3	43.3





#17

2-Methylphenol

Concen: 38.247 ng

RT: 8.22 min Scan# 890

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

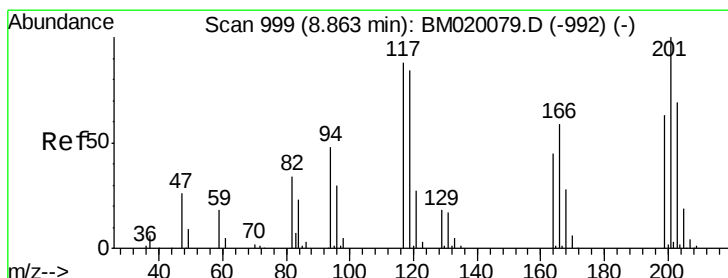
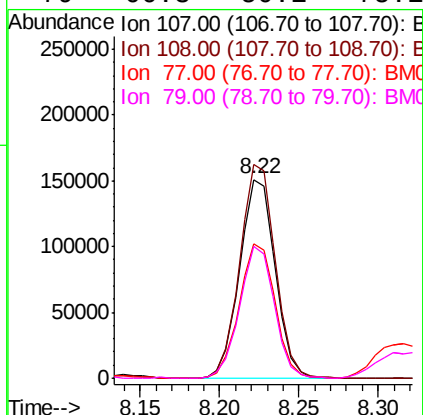
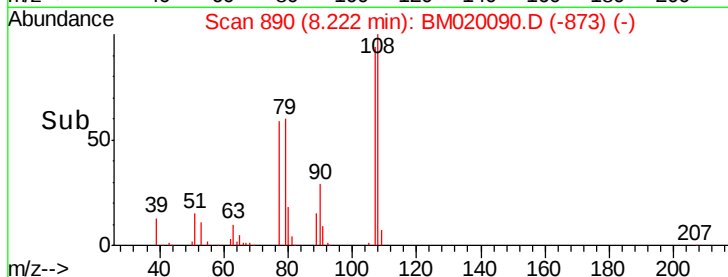
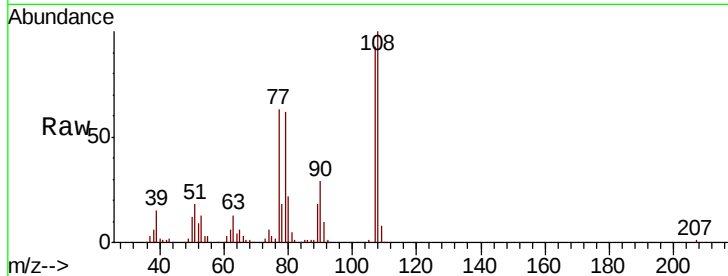
ClientSampled :

PB119354BS

Tot Ion:	107	Resp:	234672
Ion Ratio	Lower	Upper	
107	100		
108	107.6	87.0	130.4
77	67.6	54.7	82.1
79	66.3	50.1	75.1

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#18

Hexachloroethane

Concen: 37.532 ng

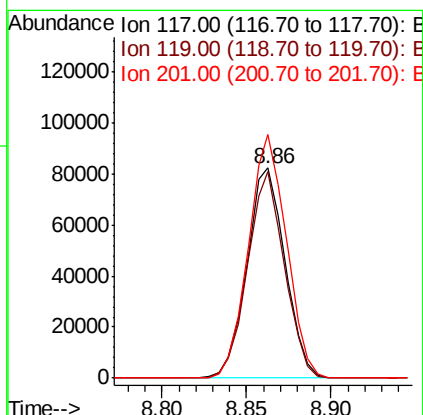
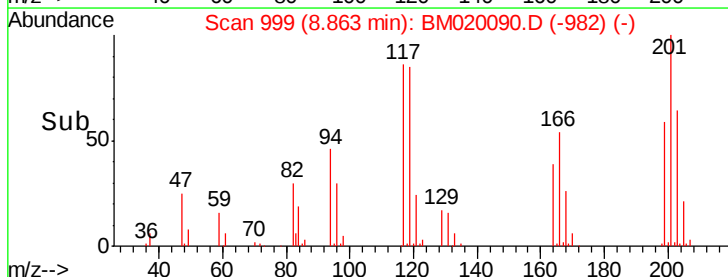
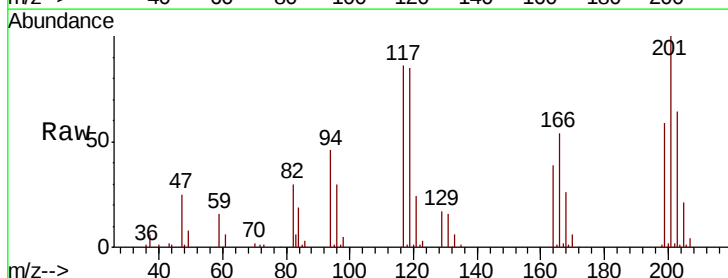
RT: 8.86 min Scan# 999

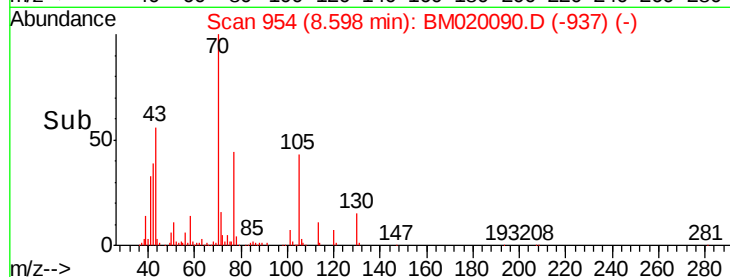
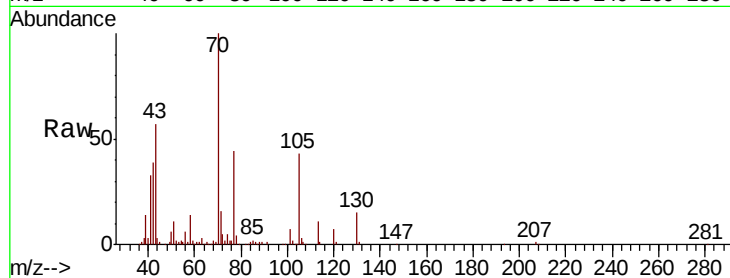
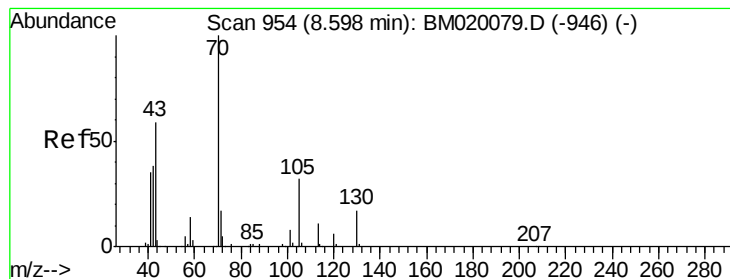
Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	117	Resp:	129798
Ion Ratio	Lower	Upper	
117	100		
119	98.1	76.6	114.8
201	115.8	90.7	136.1





#19

n-Nitroso-di-n-propylamine

Concen: 35.528 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		269125		
42	39.1	31.0	46.4		
101	7.3	6.2	9.2		
130	14.9	13.5	20.3		

Instrument :

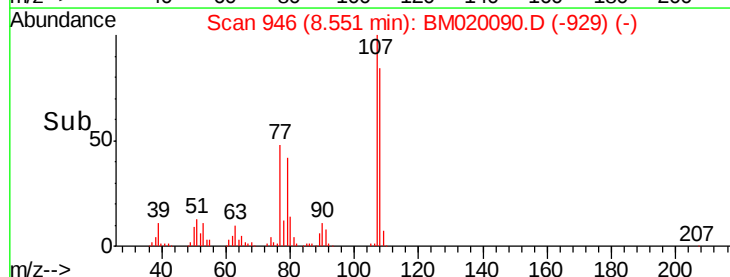
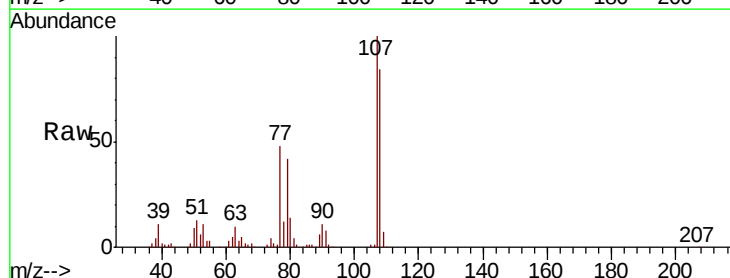
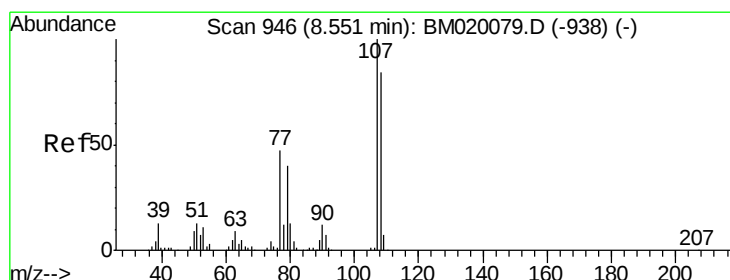
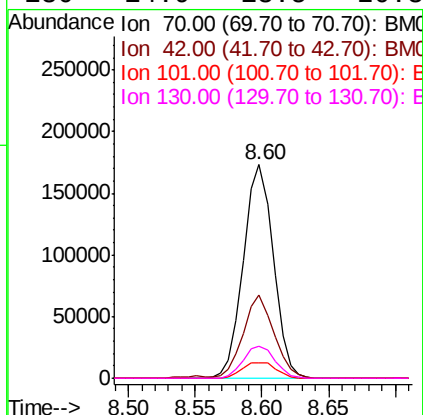
BNA_M

ClientSampleId :

PB119354BS

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#20

3+4-Methylphenols

Concen: 37.846 ng

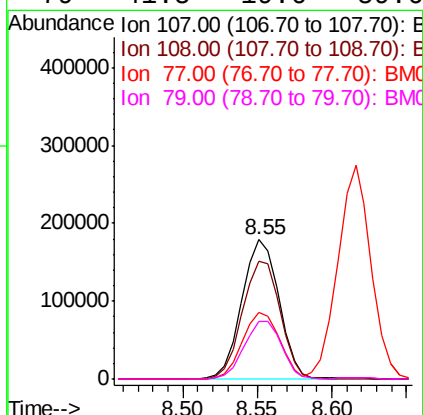
RT: 8.55 min Scan# 946

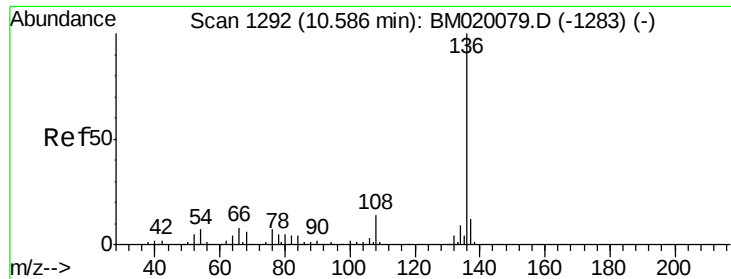
Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		308625		
108	84.2	64.4	104.4		
77	47.7	27.2	67.2		
79	41.5	19.6	59.6		





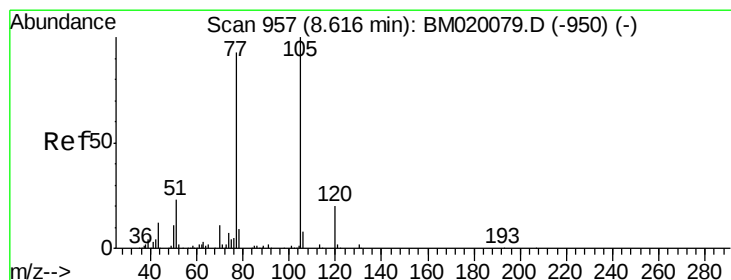
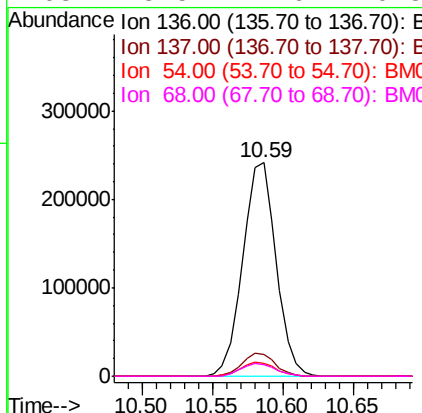
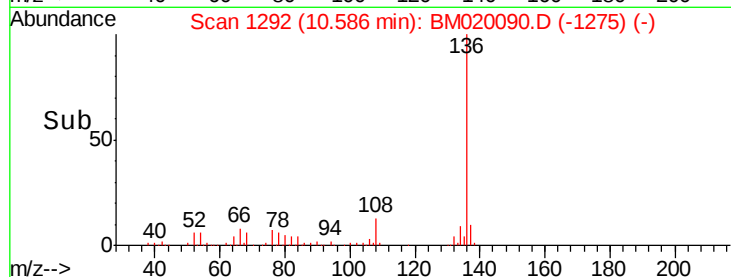
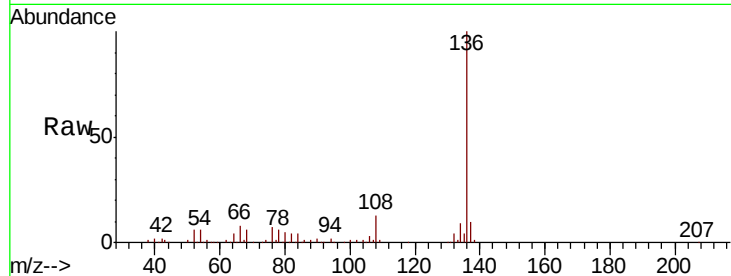
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	399307		
137	9.9	9.6	14.4	
54	6.3	5.5	8.3	
68	5.5	4.6	6.8	

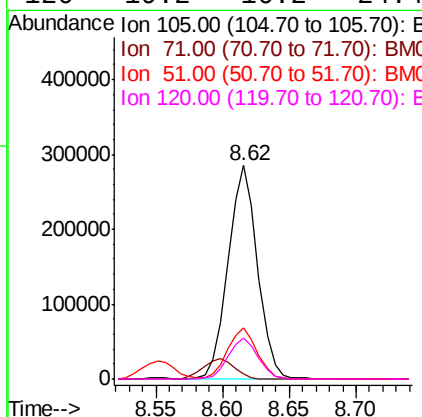
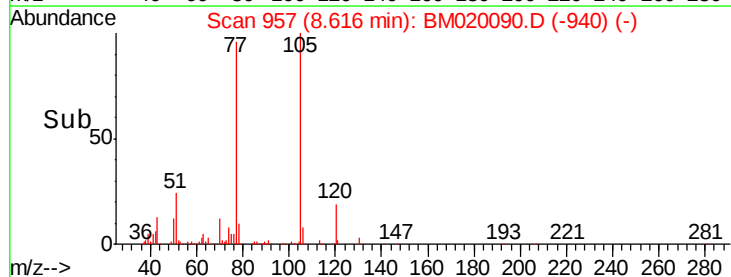
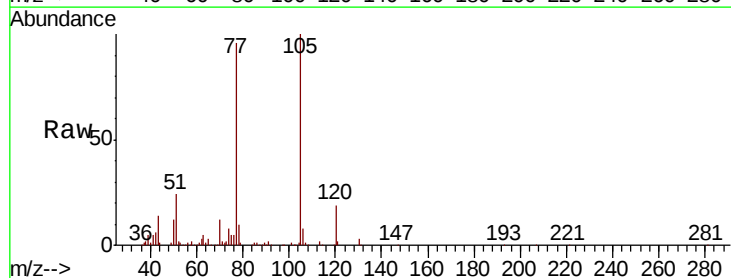
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#22
Acetophenone
Concen: 40.205 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438767		
71	2.1	2.2	3.2#	
51	24.2	19.3	28.9	
120	19.2	16.2	24.4	





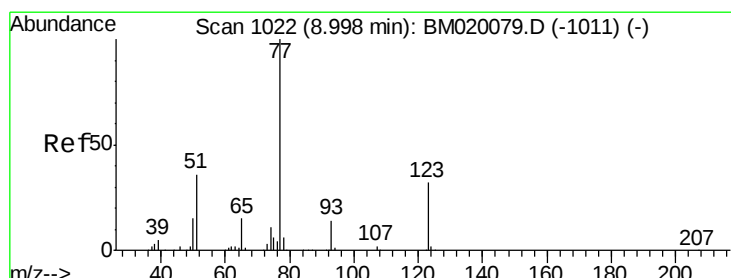
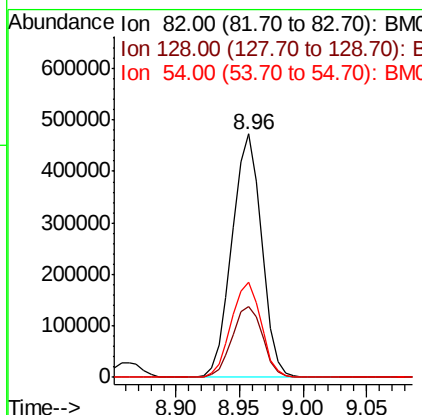
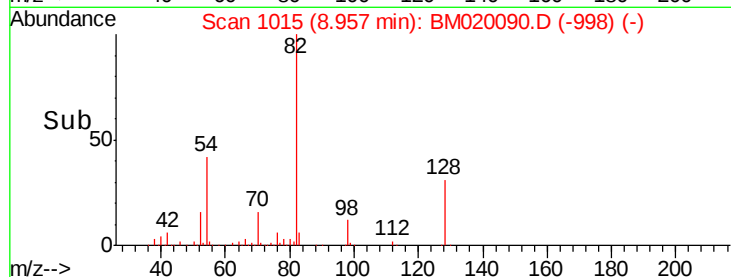
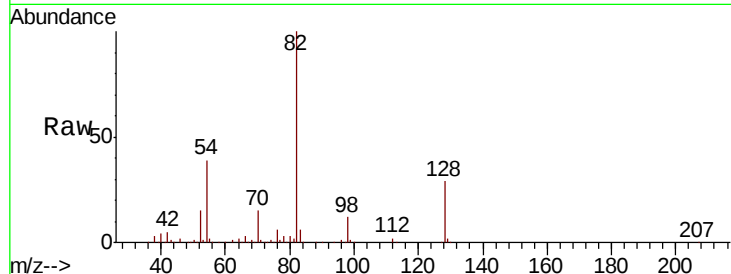
#23
 Nitrobenzene-d5
 Concen: 75.624 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	29.2	25.2	37.8
54	39.3	31.9	47.9

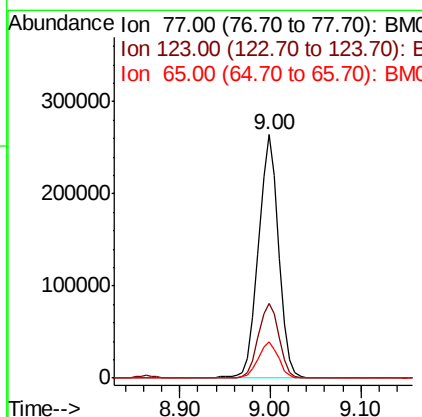
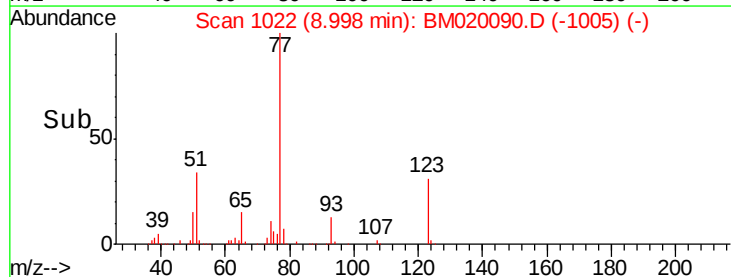
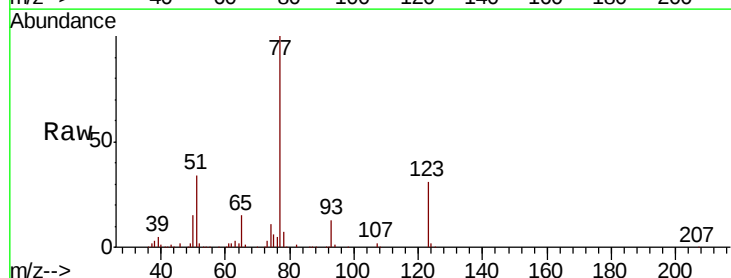
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#24
 Nitrobenzene
 Concen: 39.062 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.6	25.5	38.3
65	14.9	11.8	17.6





#25

Isophorone

Concen: 37.478 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

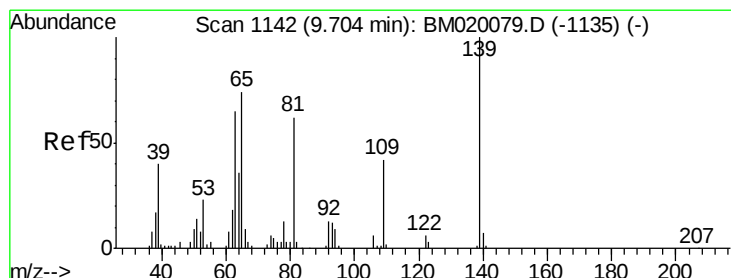
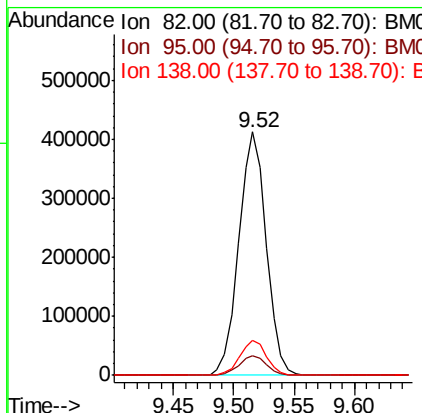
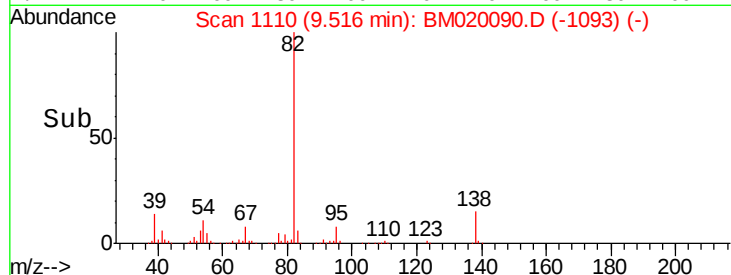
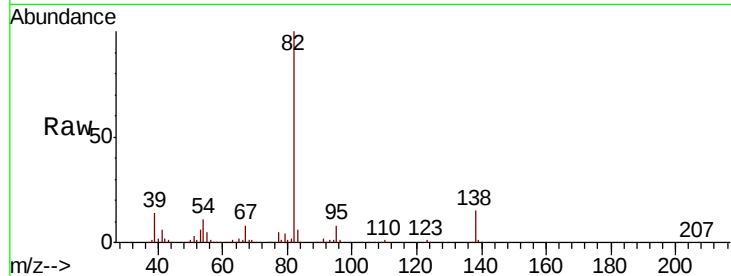
ClientSampleId :

PB119354BS

Tot Ion:	82	Resp:	653674
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.4	9.6
138	14.6	11.1	16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.429 ng

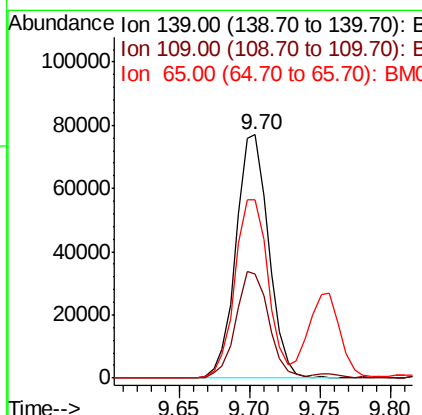
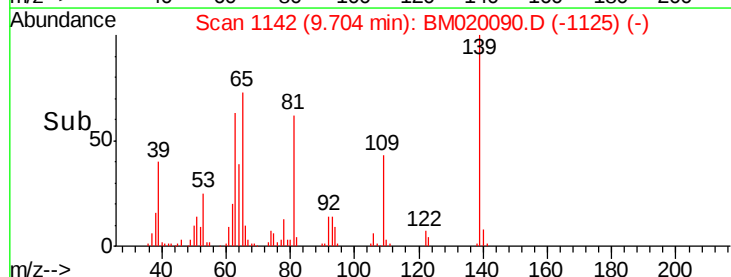
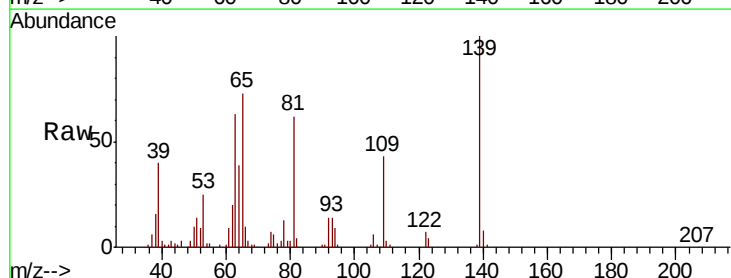
RT: 9.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	139	Resp:	124829
Ion Ratio	Lower	Upper	
139	100		
109	42.8	33.7	50.5
65	73.5	59.5	89.3





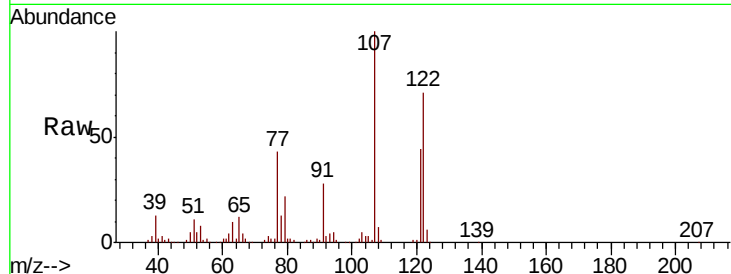
#27
2,4-Dimethylphenol
Concen: 44.797 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampled :
PB119354BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.0	108.6	162.8
121	60.9	47.4	71.2

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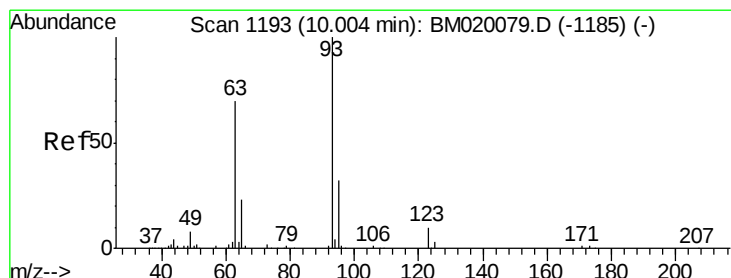
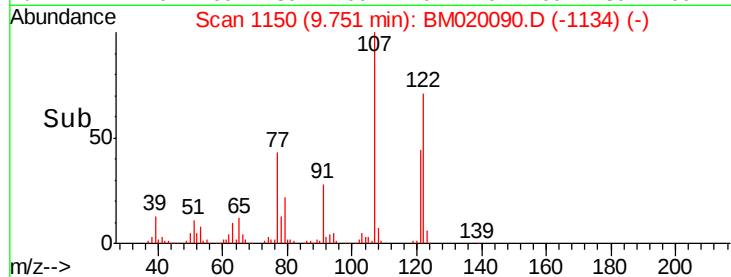
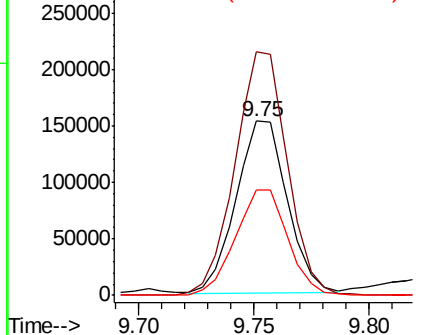


Abundance

Ion 122.00 (121.70 to 122.70): E

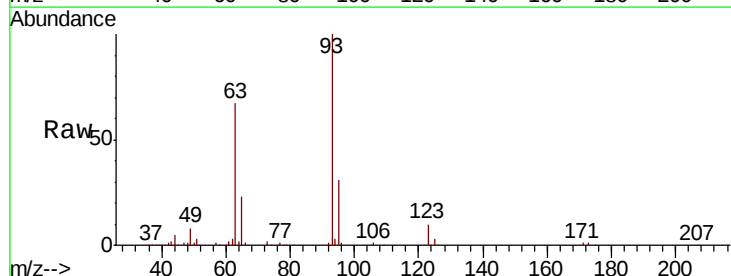
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.077 ng
RT: 10.00 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.5	38.3
123	9.7	7.6	11.4

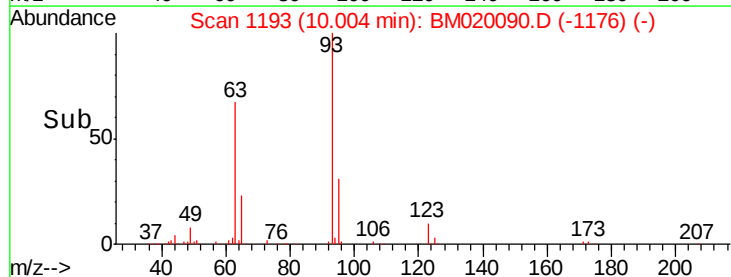
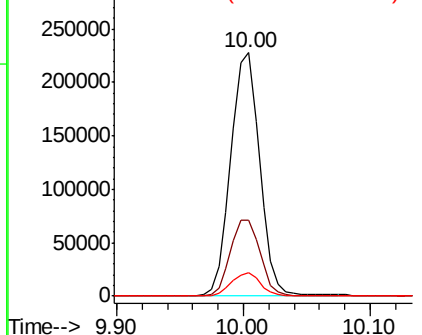


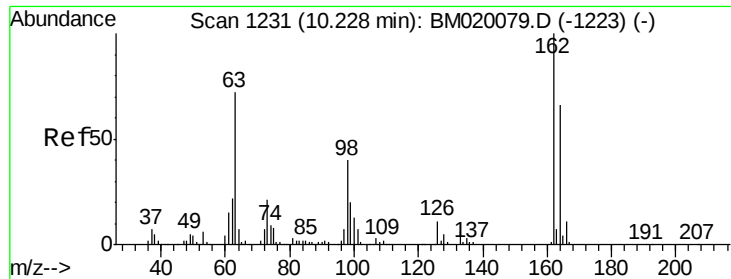
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





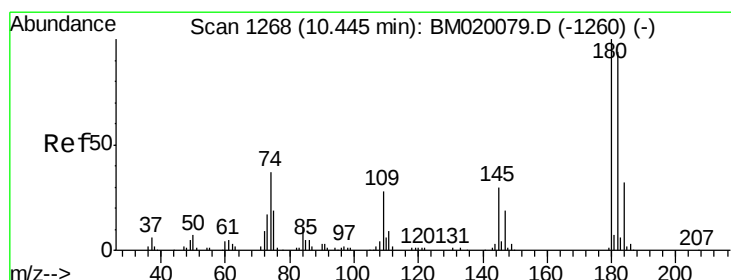
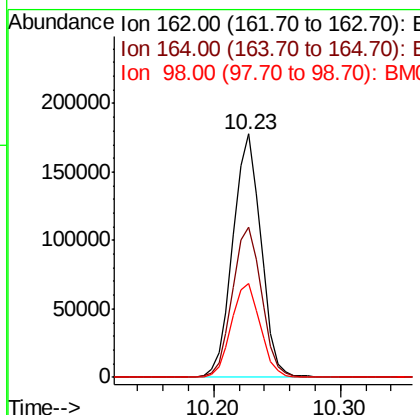
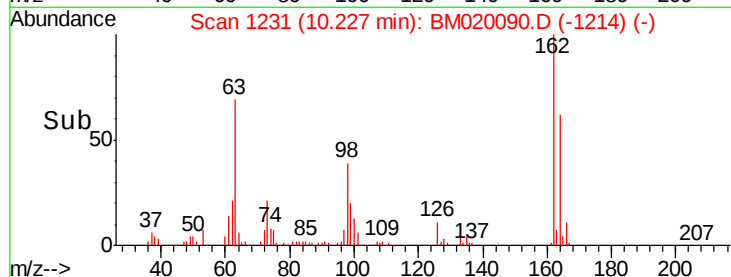
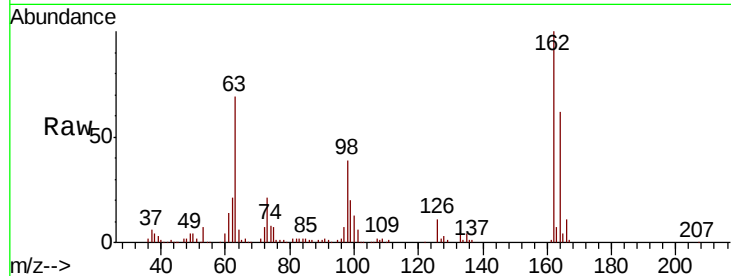
#29
2,4-Dichlorophenol
Concen: 41.028 ng
RT: 10.23 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	272682		
164	61.7	45.6	85.6	
98	38.6	20.4	60.4	

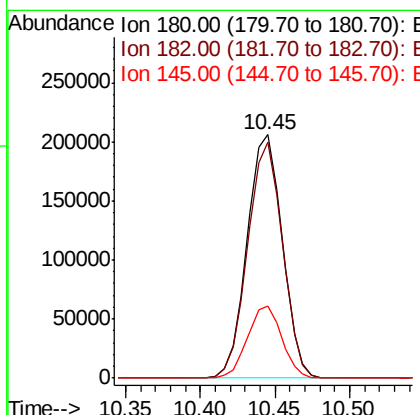
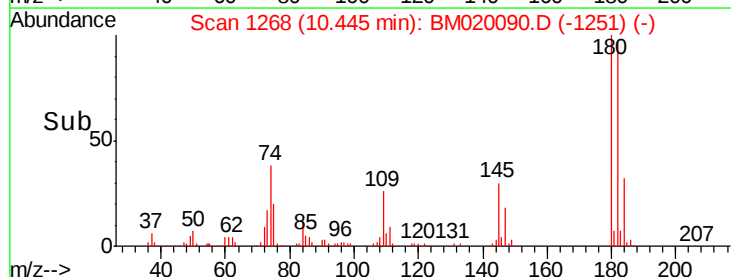
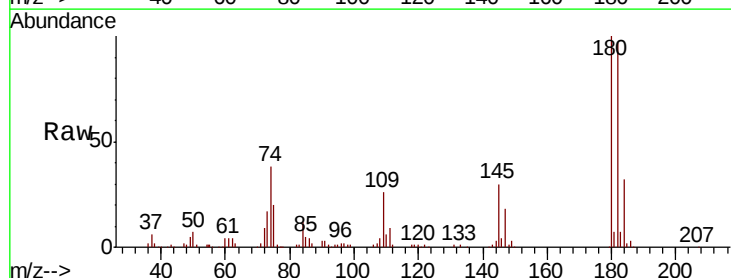
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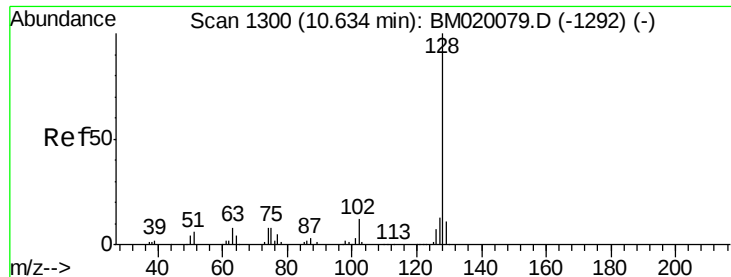
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#30
1,2,4-Trichlorobenzene
Concen: 41.036 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	335591		
182	97.0	75.4	113.0	
145	29.5	23.8	35.8	





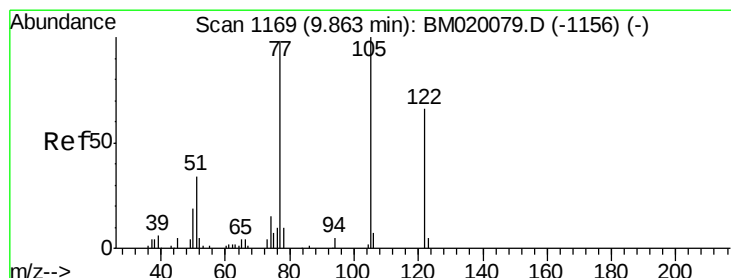
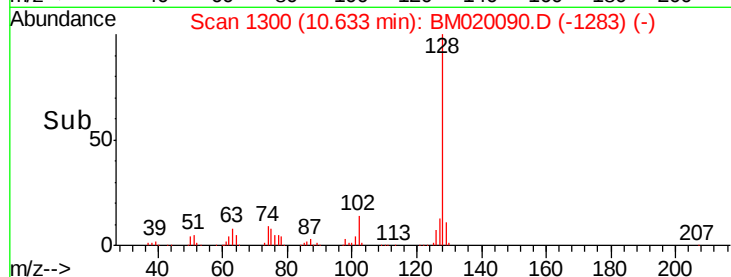
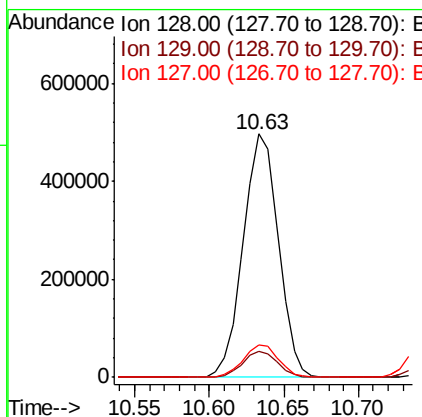
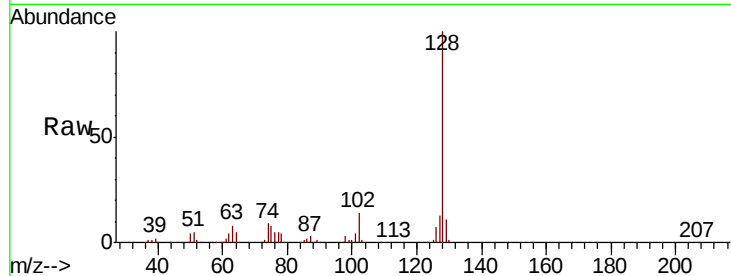
#31
Naphthalene
Concen: 39.149 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.4	
127	13.1	10.4	15.6	

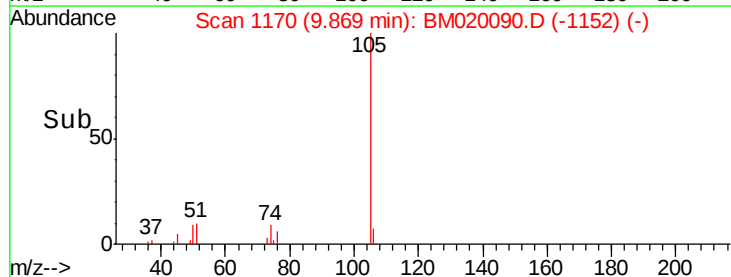
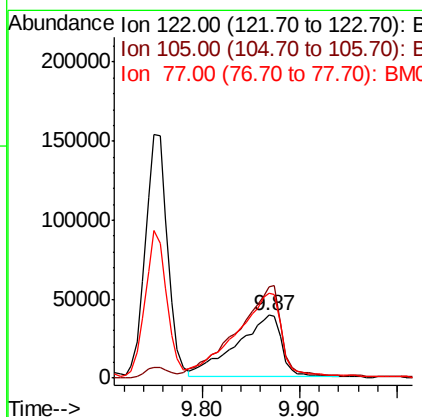
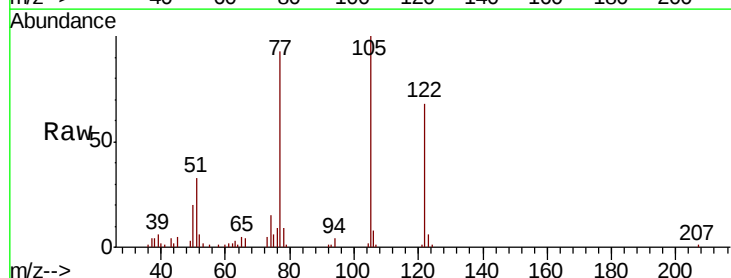
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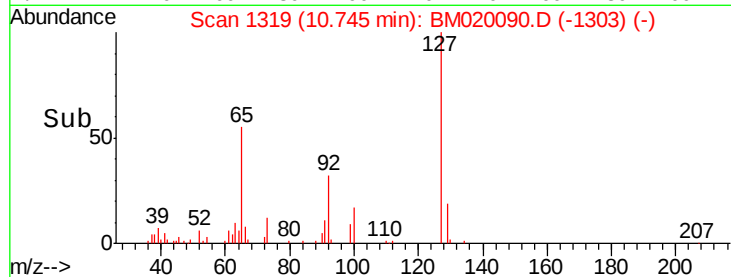
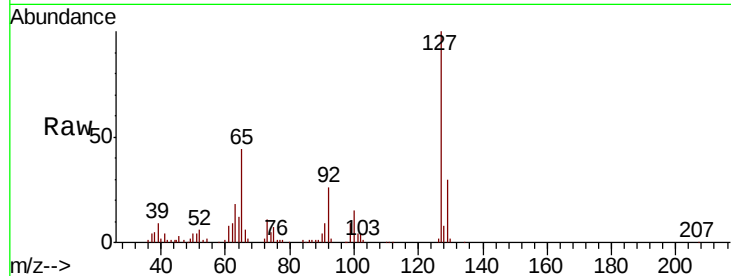
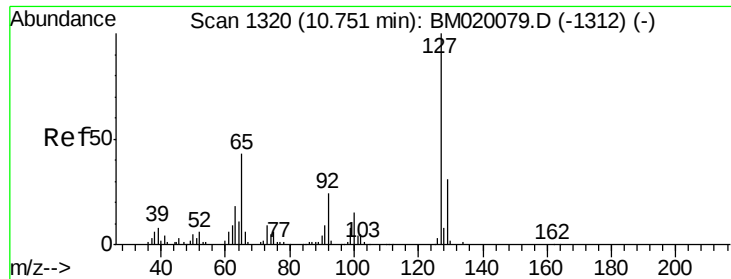
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#32
Benzoic acid
Concen: 35.876 ng
RT: 9.87 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	146.5	122.5	162.5	
77	135.9	123.3	163.3	





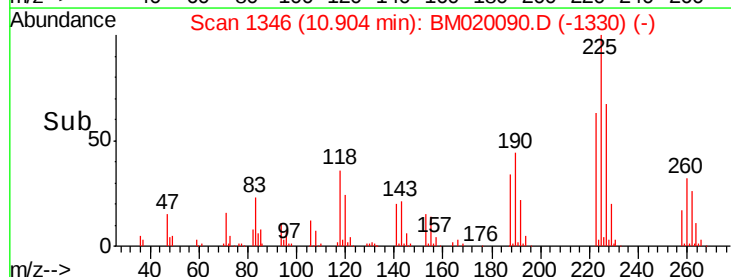
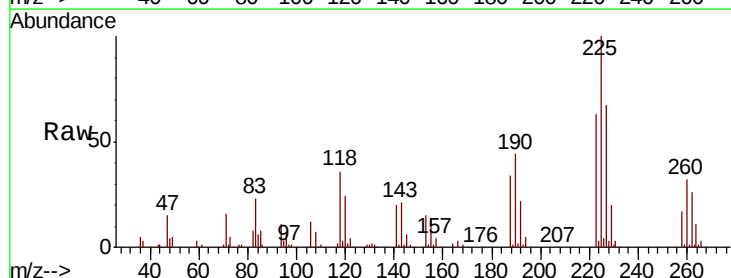
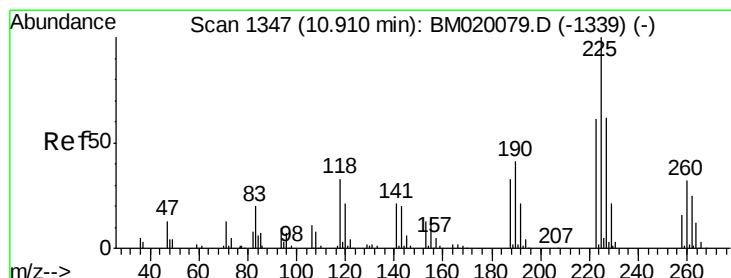
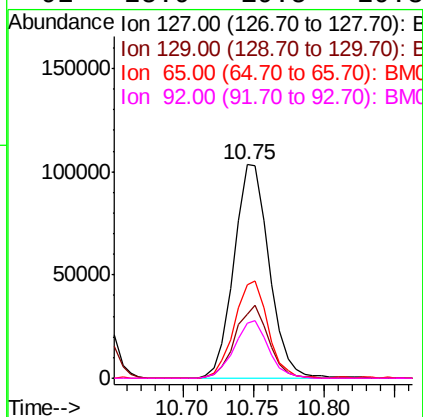
#33
4-Chloroaniline
Concen: 21.196 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.9	24.7	37.1		
65	43.9	34.6	52.0		
92	25.9	19.5	29.3		

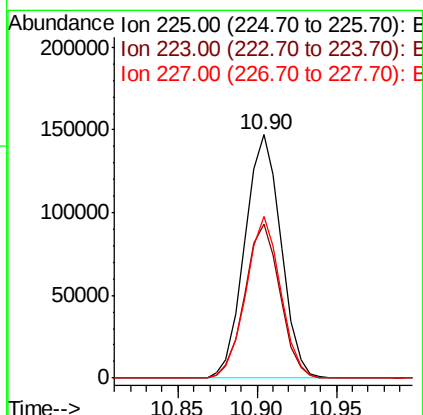
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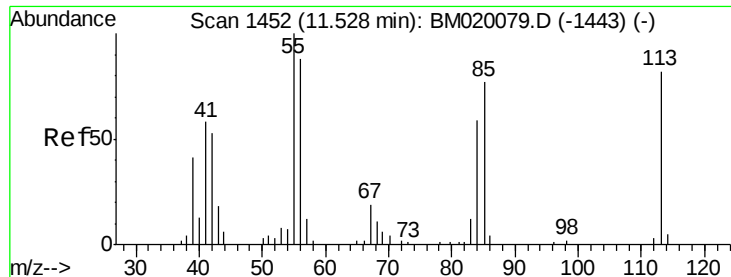
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#34
Hexachlorobutadiene
Concen: 40.256 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	48.9	73.3		
227	66.6	49.6	74.4		





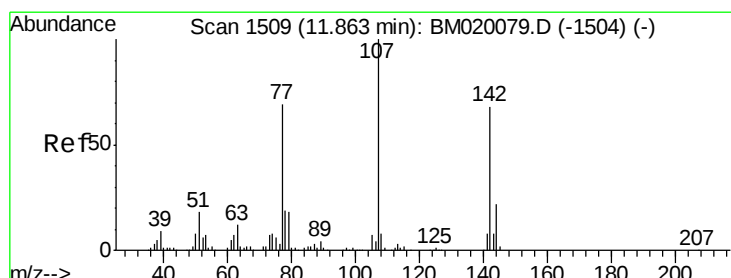
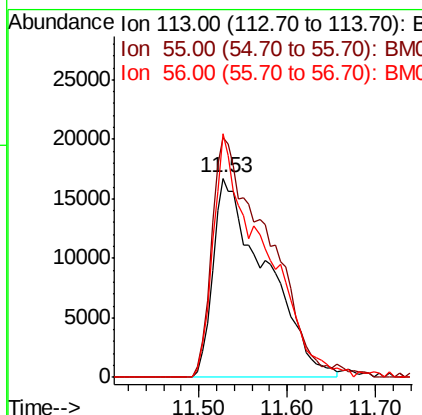
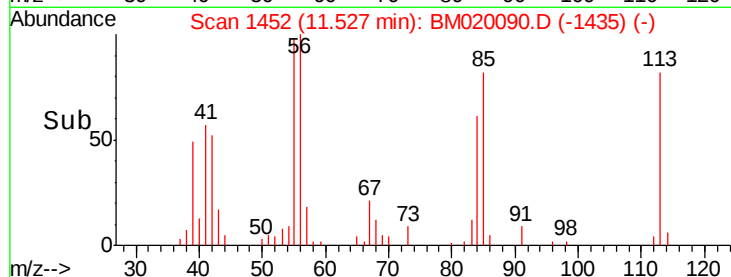
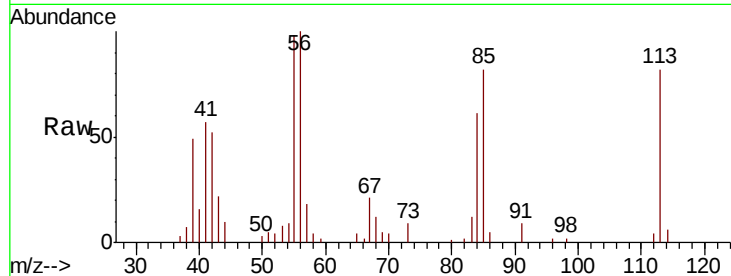
#35
 Caprolactam
 Concen: 34.969 ng/ml
 RT: 11.53 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampled :
 PB119354BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	120.4	102.5	142.5
56	122.5	87.7	127.7

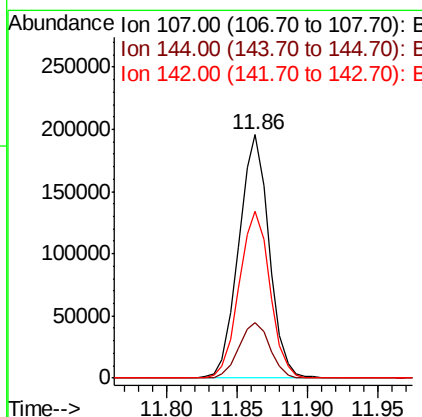
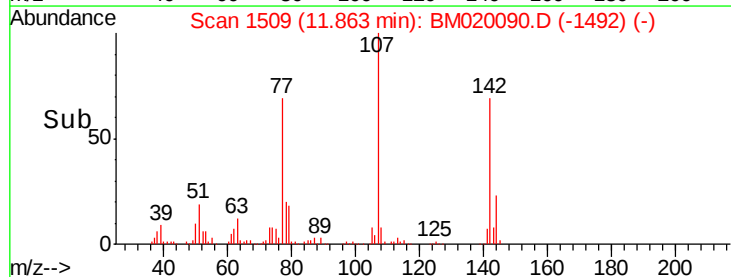
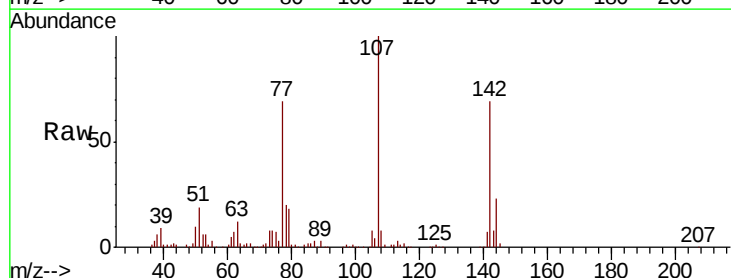
Manual Integrations
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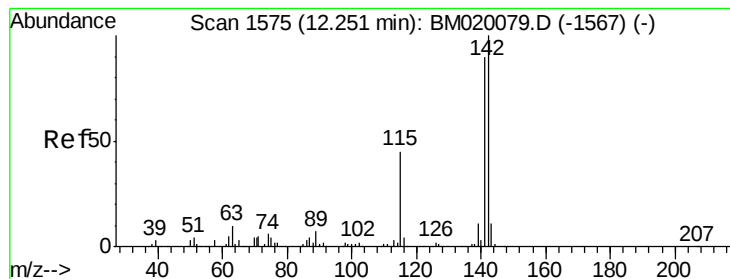
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#36
 4-Chloro-3-methylphenol
 Concen: 37.620 ng/ml
 RT: 11.86 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	17.6	26.4
142	68.5	54.6	82.0





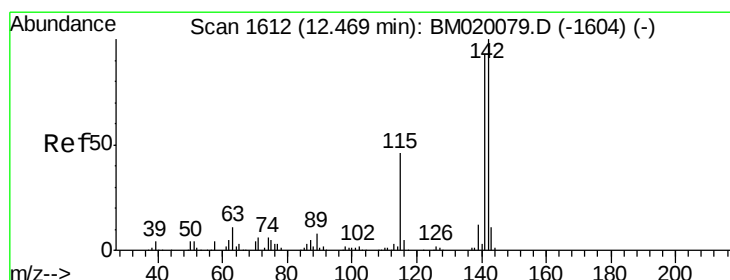
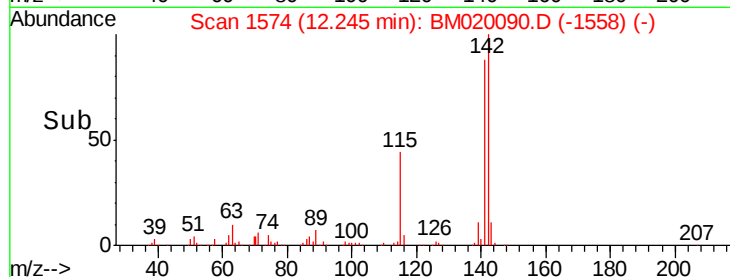
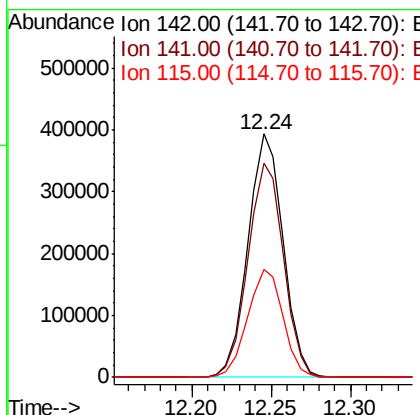
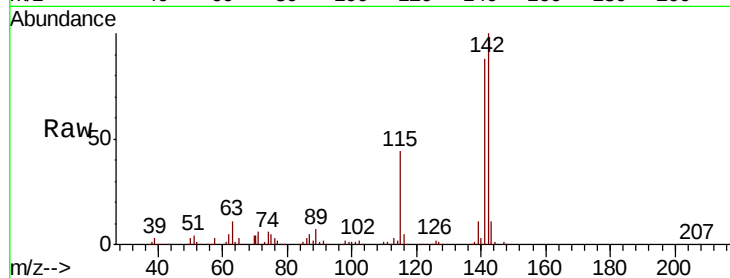
#37
2-Methylnaphthalene
Concen: 40.226 ng
RT: 12.24 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	44.2	35.8	53.6

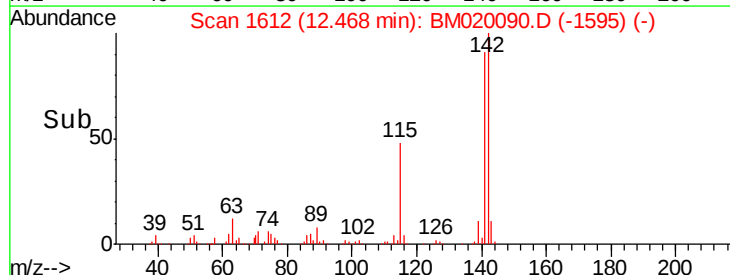
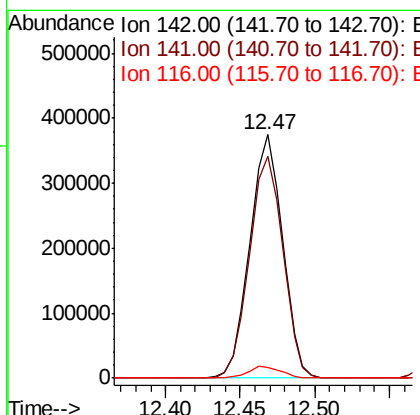
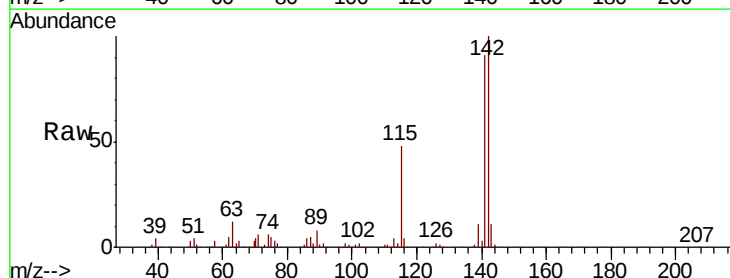
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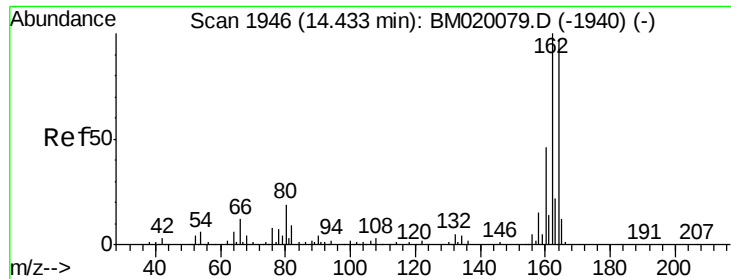
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#38
1-Methylnaphthalene
Concen: 38.553 ng
RT: 12.47 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.8	112.2
116	4.4	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

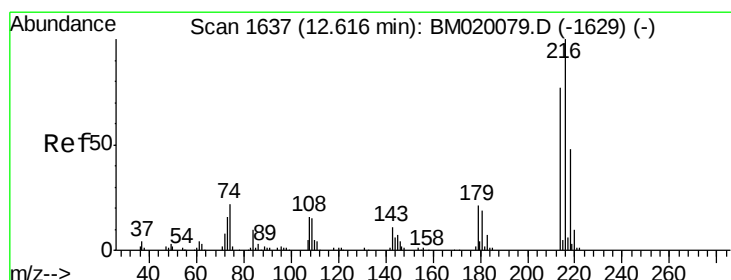
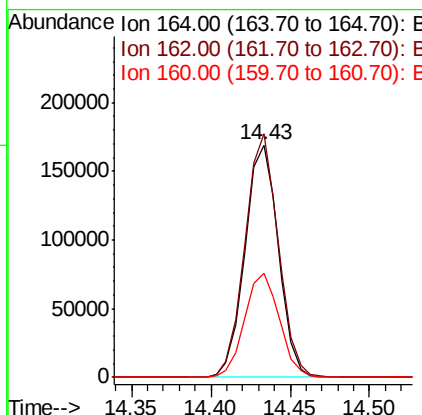
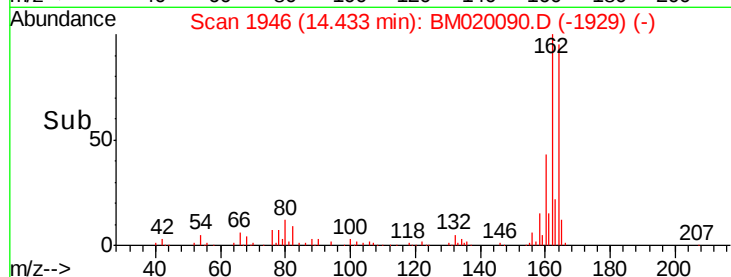
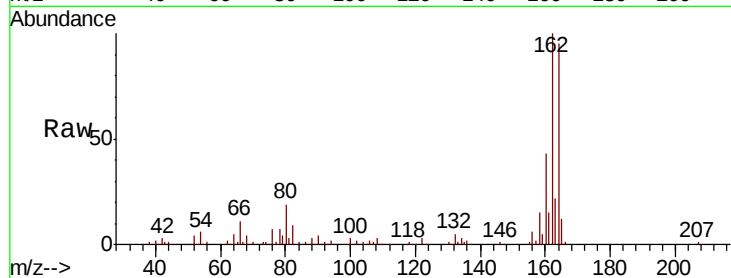
ClientSampleId :

PB119354BS

Tot Ion:	164	Resp:	247216
Ion Ratio	Lower	Upper	
164	100		
162	104.7	82.2	123.2
160	44.5	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.135 ng

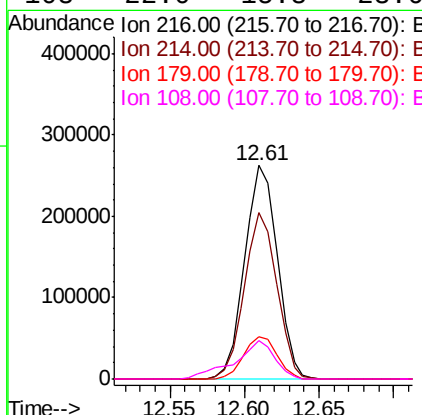
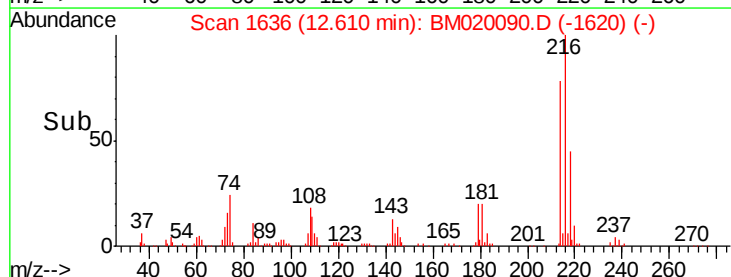
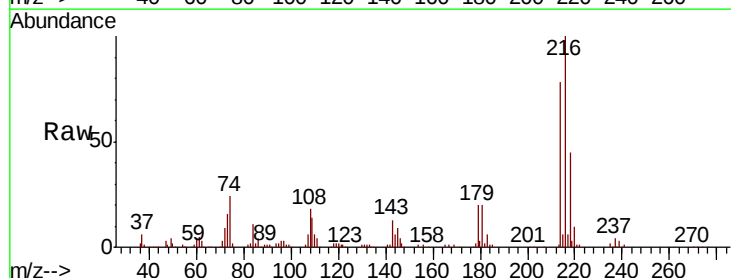
RT: 12.61 min Scan# 1636

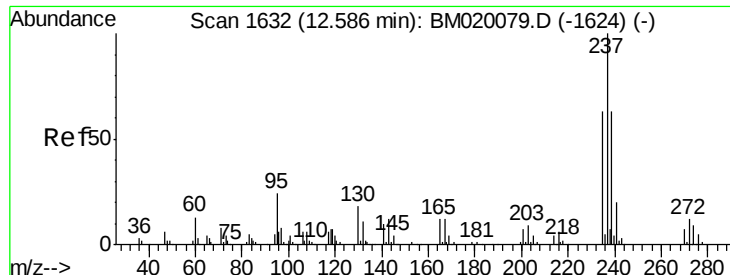
Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	216	Resp:	397860
Ion Ratio	Lower	Upper	
216	100		
214	77.6	62.6	94.0
179	20.4	17.1	25.7
108	22.0	15.8	23.6





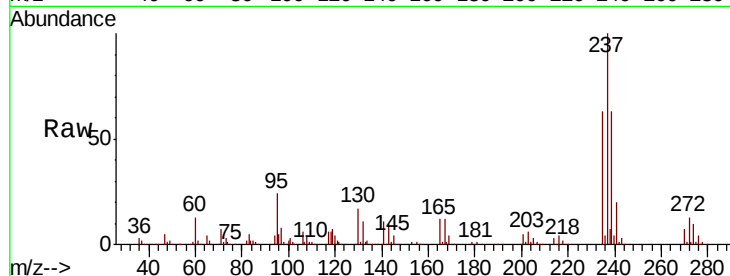
#41
Hexachlorocyclopentadiene
Concen: 91.781 ng
RT: 12.59 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	43.4	83.4
272	13.4	0.0	31.7

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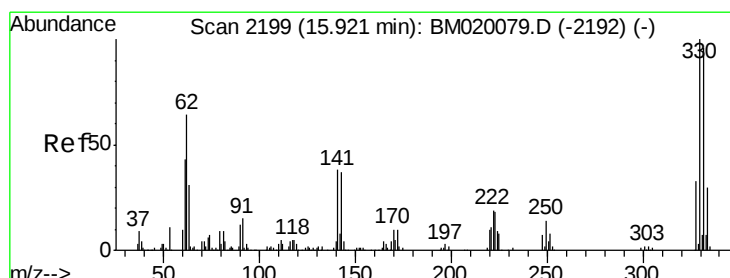
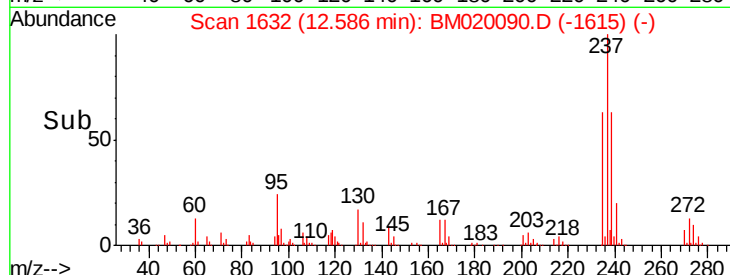
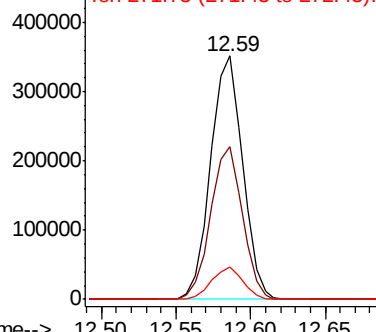


Abundance

Ion 236.80 (236.50 to 237.50): E

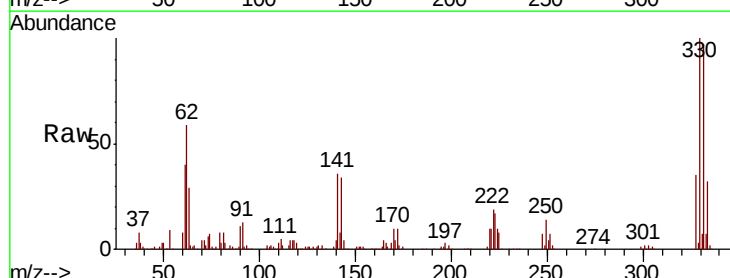
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 137.007 ng
RT: 15.92 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	76.8	115.2
141	35.5	29.2	43.8

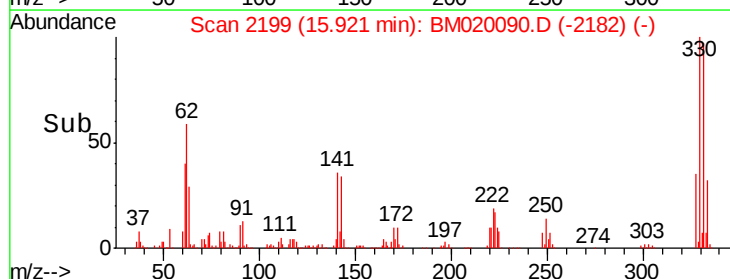
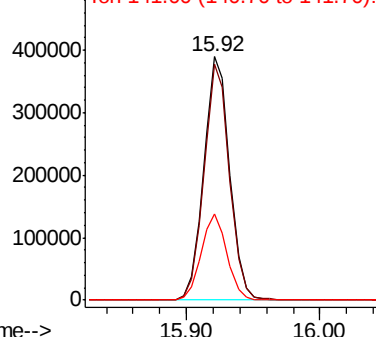


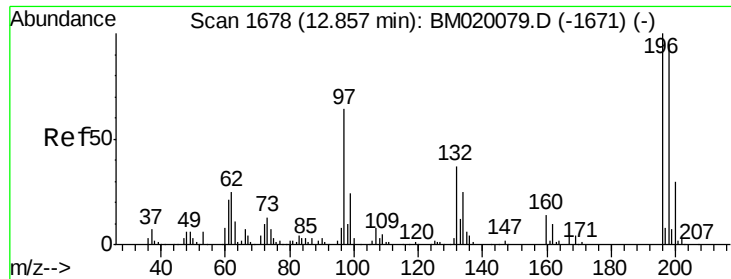
Abundance

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





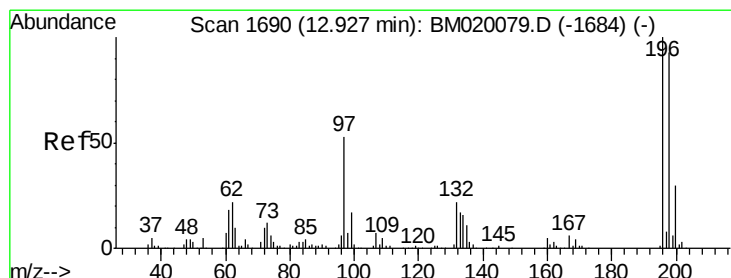
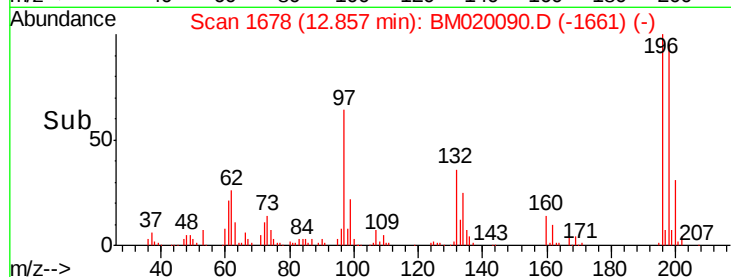
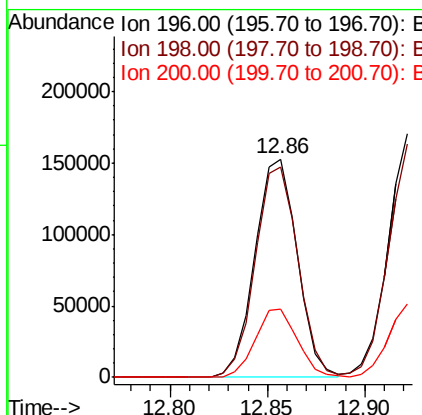
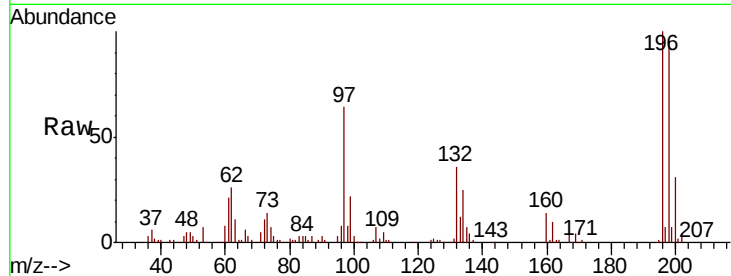
#43
 2,4,6-Trichlorophenol
 Concen: 41.859 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230092		
198	96.2	76.2	114.2	
200	31.1	24.3	36.5	

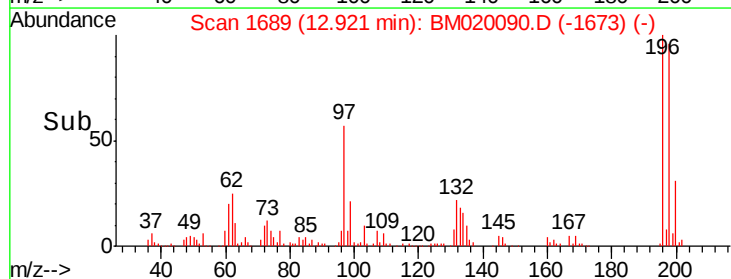
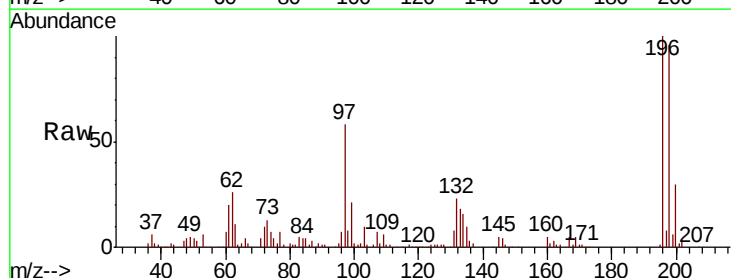
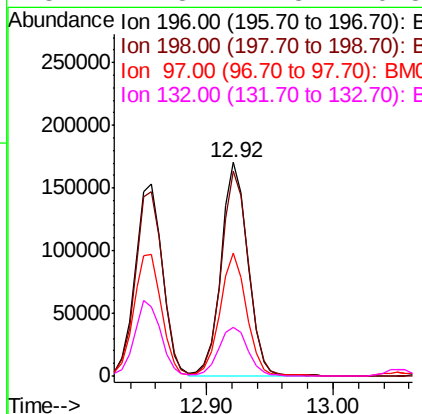
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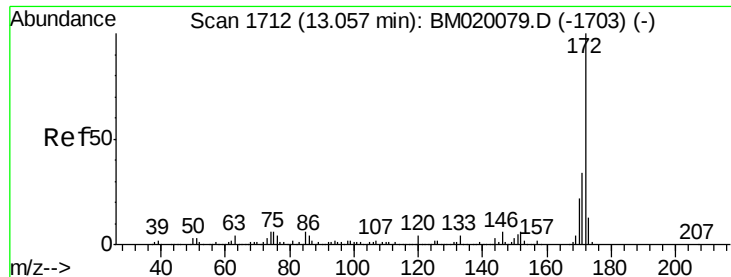
Sohil
 5/2/2019 2:19:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.359 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247836		
198	96.0	74.7	112.1	
97	57.7	42.2	63.4	
132	22.8	17.8	26.8	





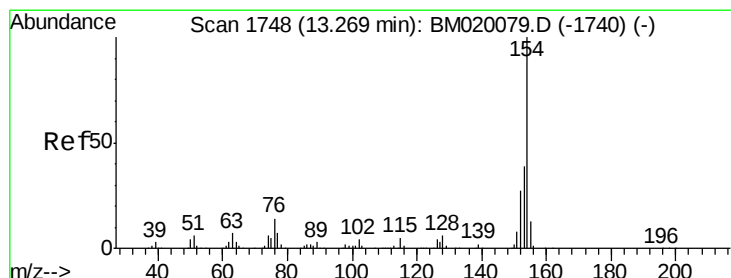
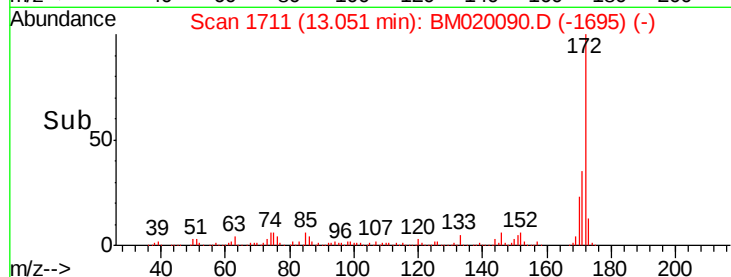
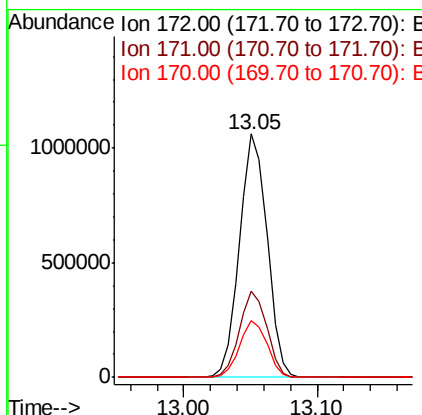
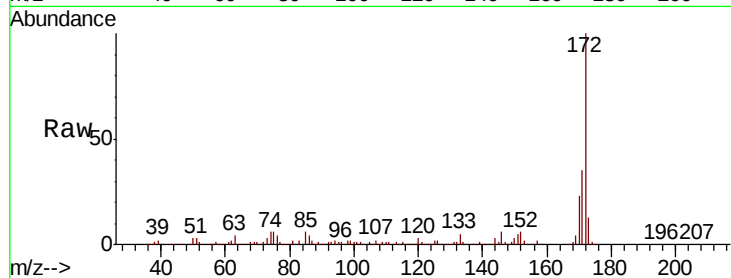
#45
2-Fluorobiphenyl
Concen: 75.560 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.2	17.9	26.9

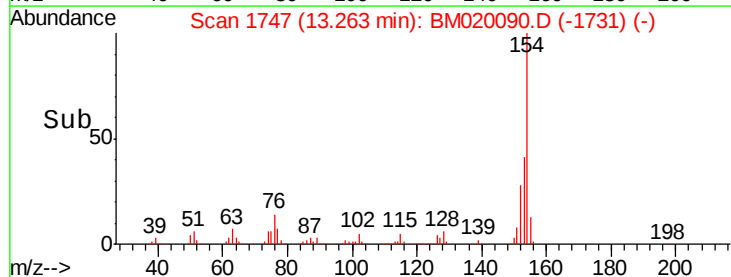
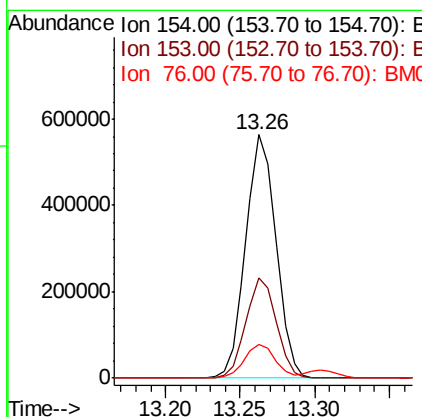
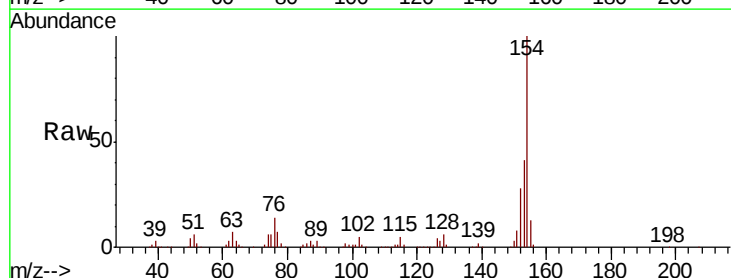
Manual Integrations
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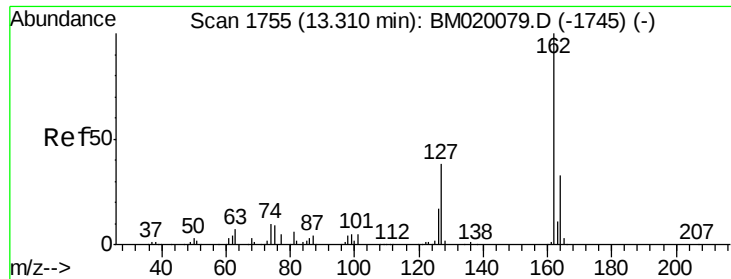
Sohil
5/2/2019 2:19:53 AM



#46
1,1'-Biphenyl
Concen: 38.921 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.4	59.4
76	14.0	0.0	34.5





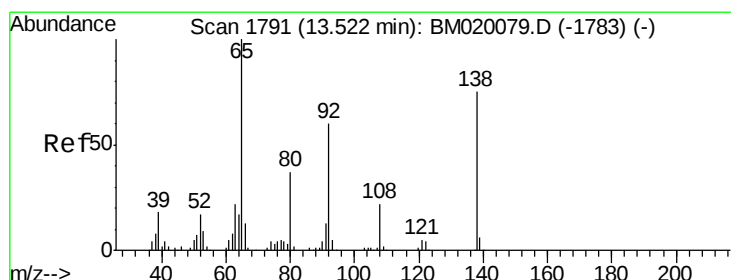
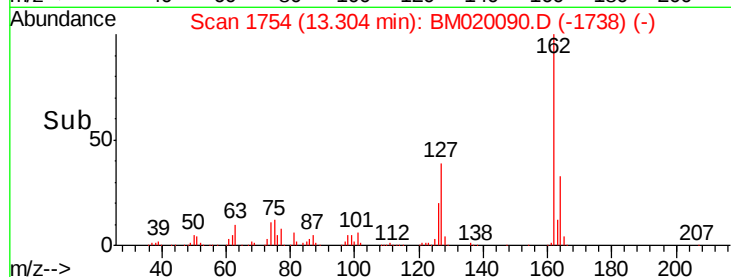
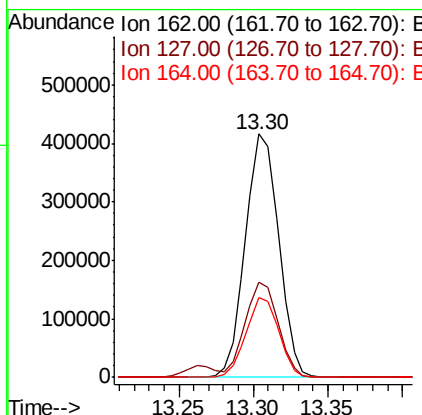
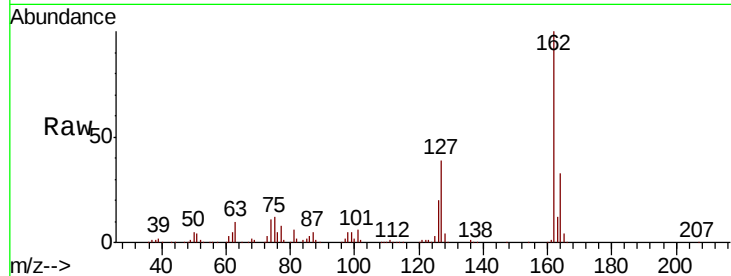
#47
2-Chloronaphthalene
Concen: 39.568 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

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

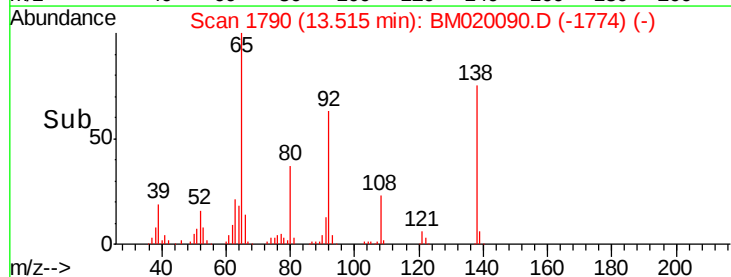
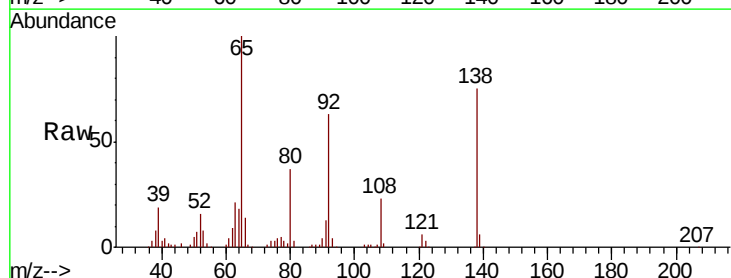
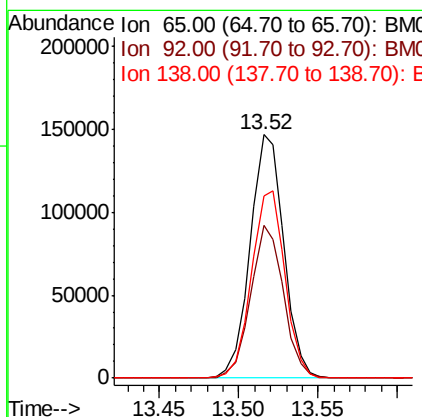
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#48
2-Nitroaniline
Concen: 37.506 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	48.2	72.4
138	74.6	60.3	90.5





#49

Acenaphthylene

Concen: 37.293 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

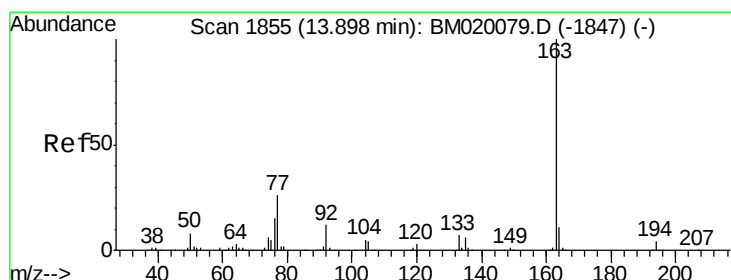
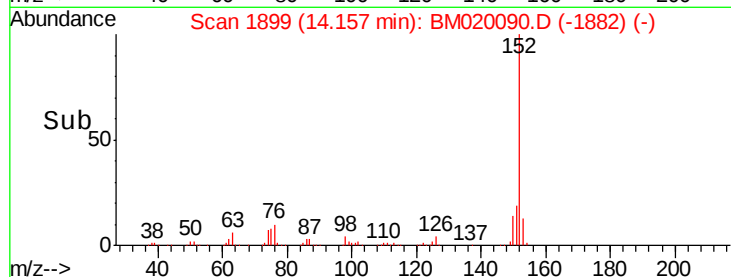
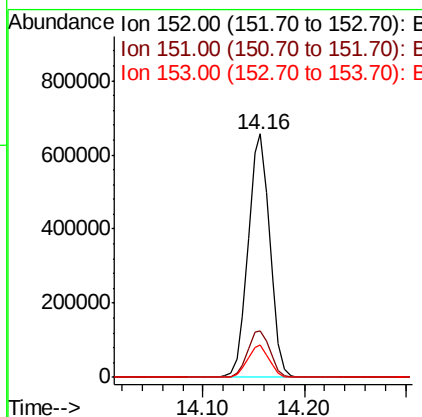
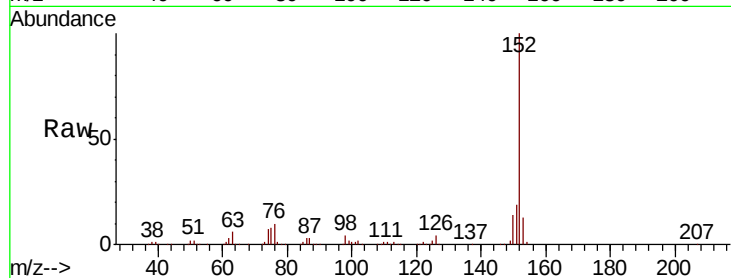
ClientSampleId :

PB119354BS

Tot Ion:	152	Resp:	969647
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.2	24.2
153	13.1	10.6	16.0

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#50

Dimethylphthalate

Concen: 37.670 ng

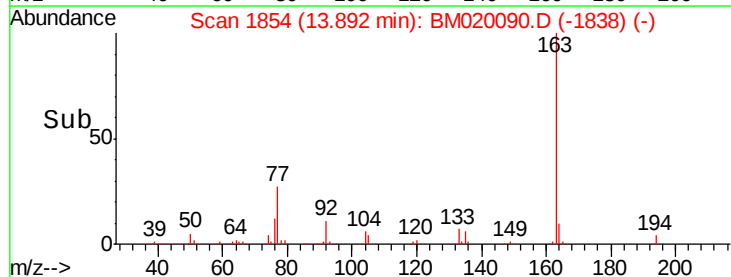
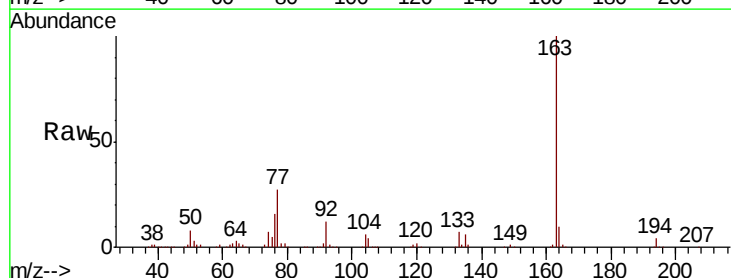
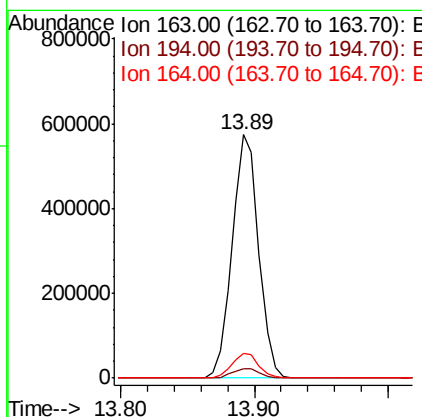
RT: 13.89 min Scan# 1854

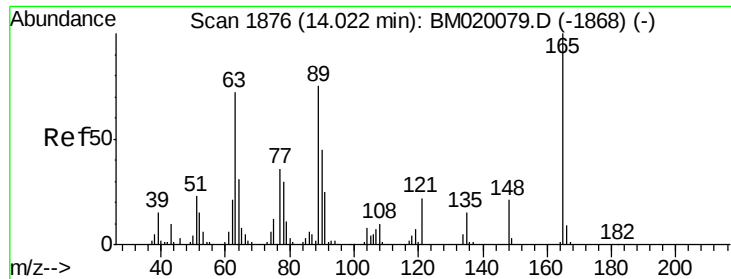
Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	163	Resp:	791499
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.1	8.4	12.6





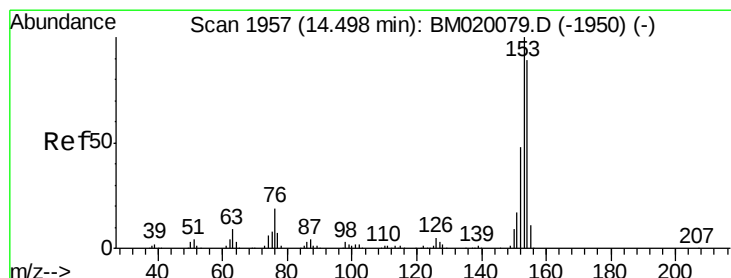
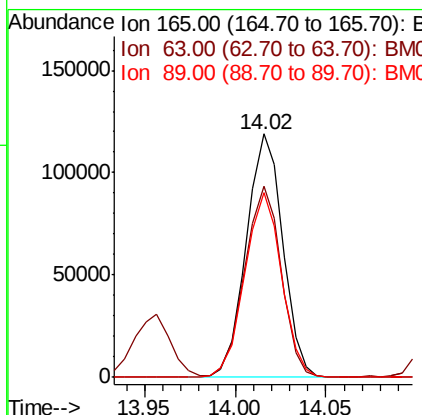
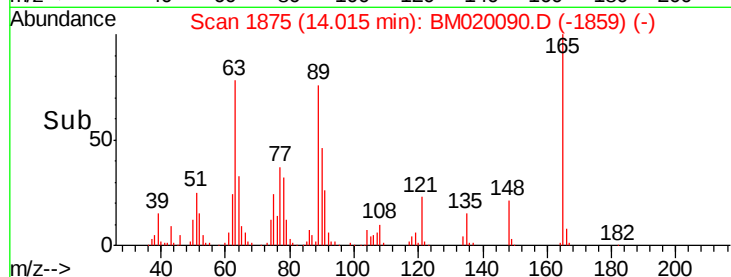
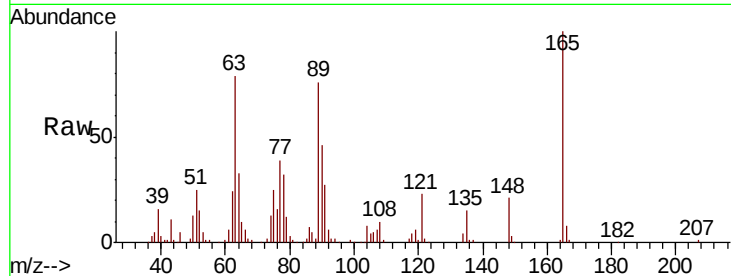
#51
 2,6-Dinitrotoluene
 Concen: 37.591 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166356		
63	78.6	60.3	90.5	
89	75.7	59.8	89.6	

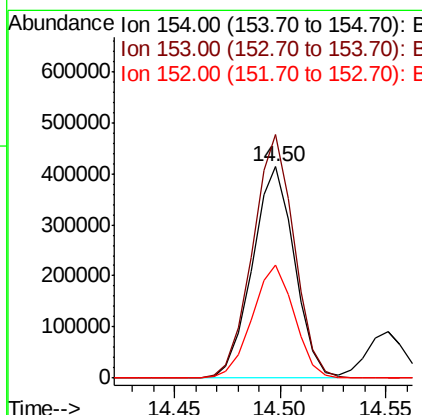
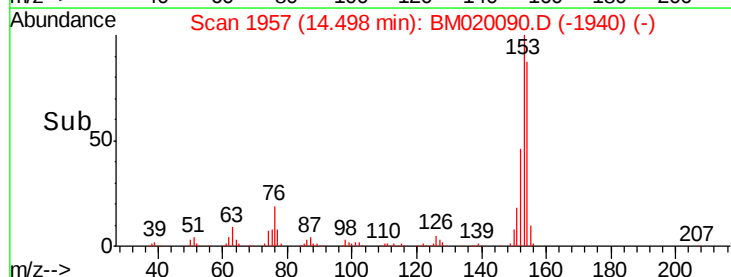
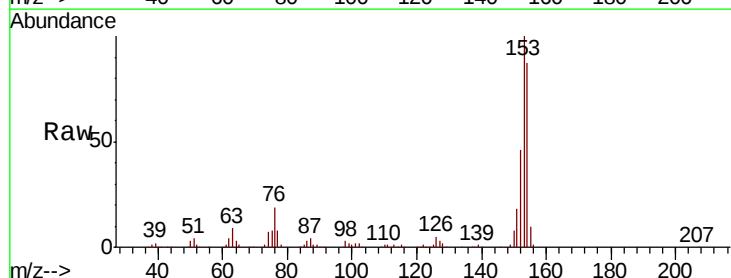
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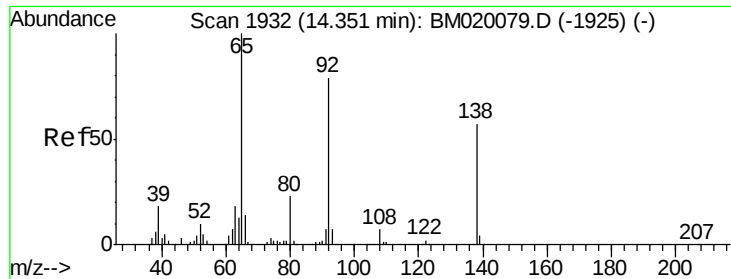
Sohil
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#52
 Acenaphthene
 Concen: 38.522 ng
 RT: 14.50 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	574369		
153	115.3	90.2	135.2	
152	53.6	43.0	64.4	





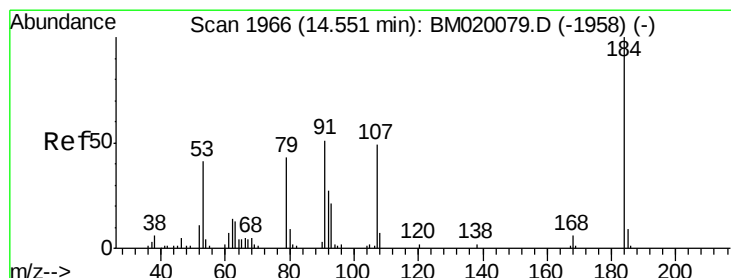
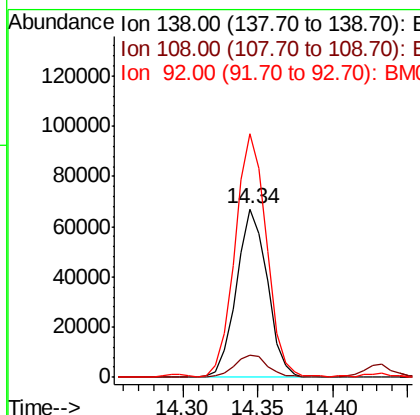
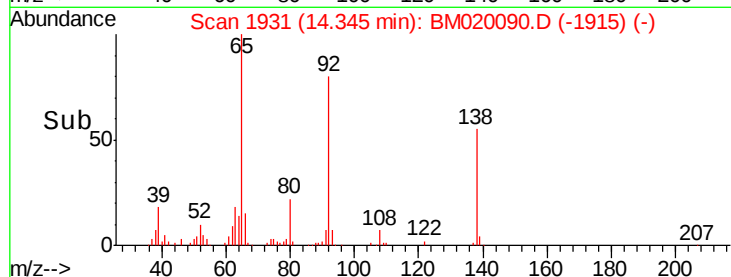
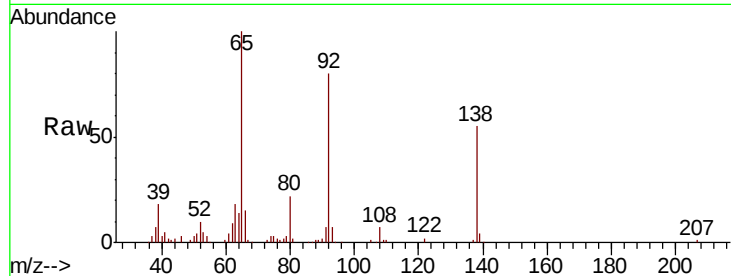
#53
3-Nitroaniline
Concen: 23.546 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.5	10.4	15.6
92	144.5	111.3	166.9

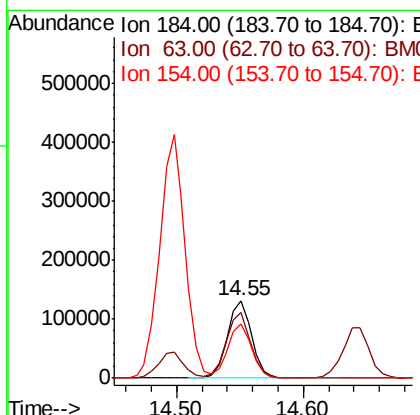
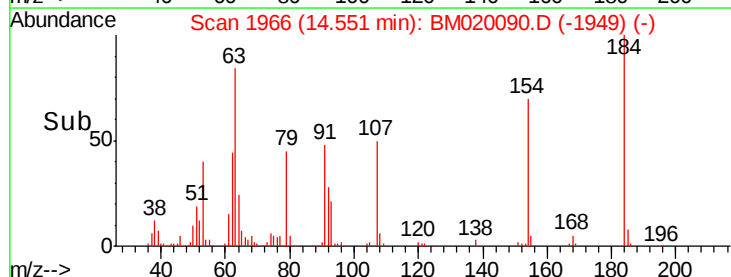
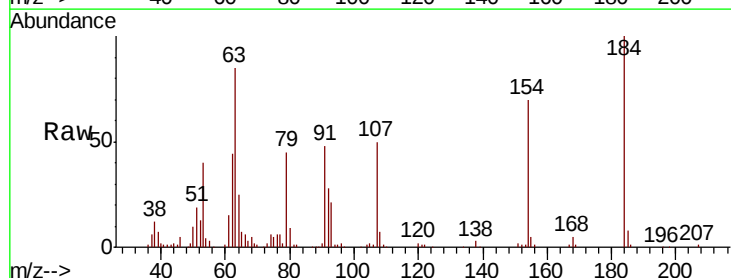
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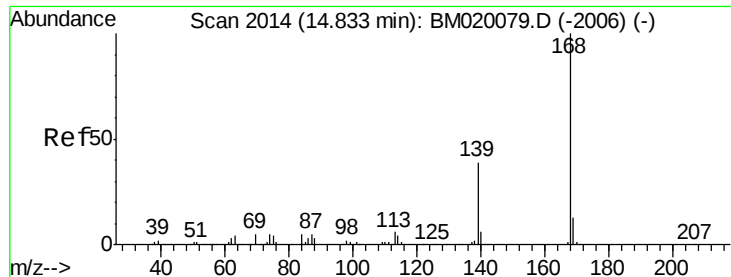
Sohil
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#54
2,4-Dinitrophenol
Concen: 77.932 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.6	68.9	103.3
154	70.0	54.4	81.6





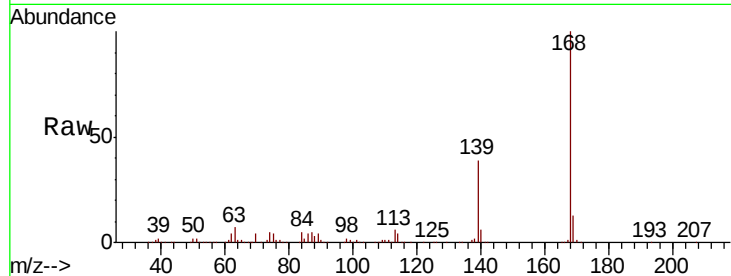
#55
Dibenzenofuran
Concen: 38.754 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	12.6	10.6	16.0

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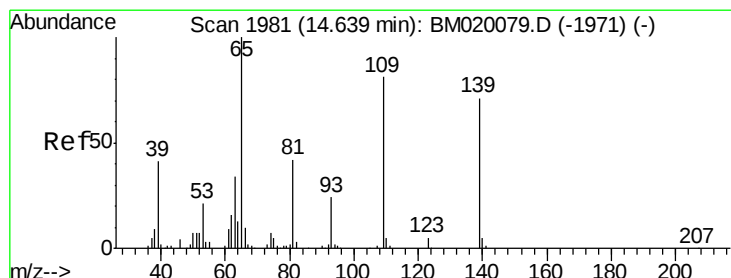
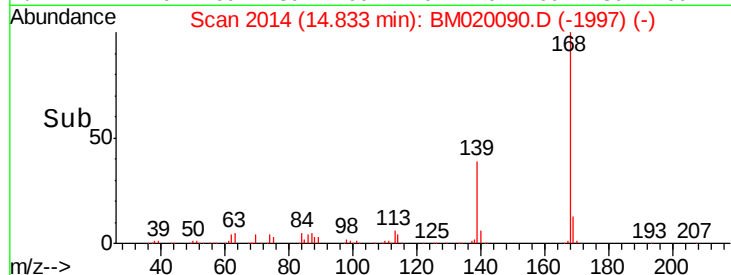
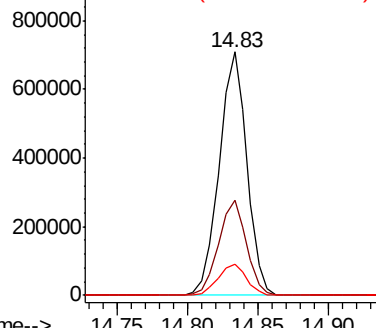


Abundance

Ion 168.00 (167.70 to 168.70): E

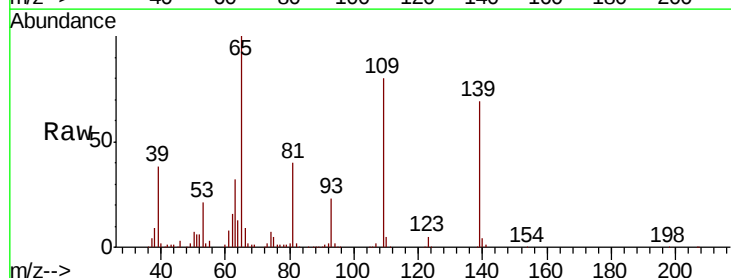
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.936 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	115.2	94.1	134.1
65	144.3	120.9	160.9

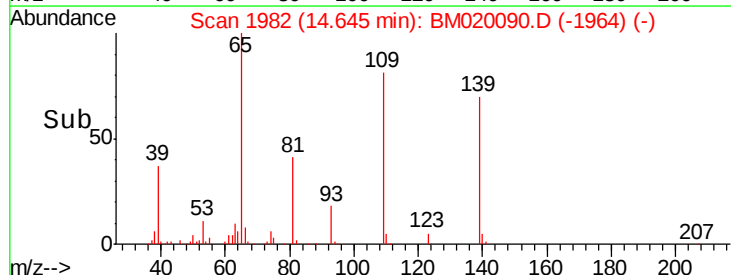
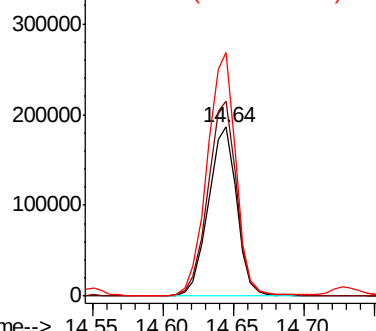


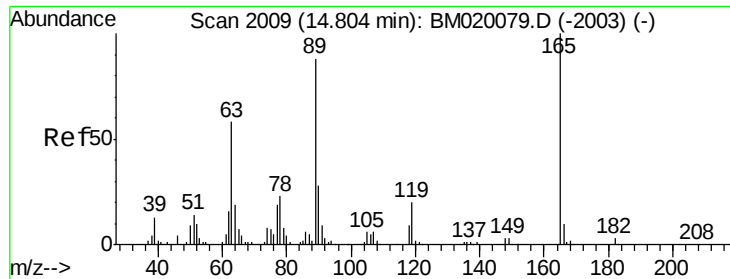
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





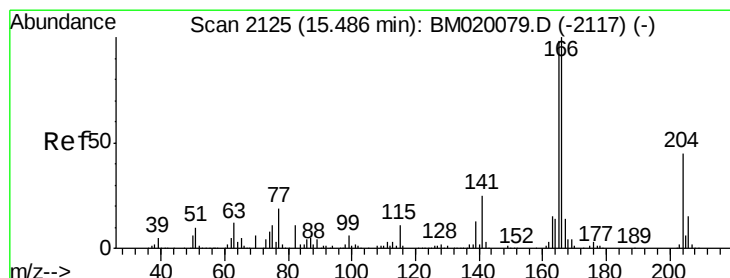
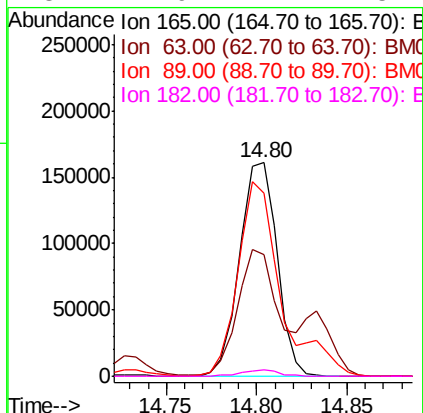
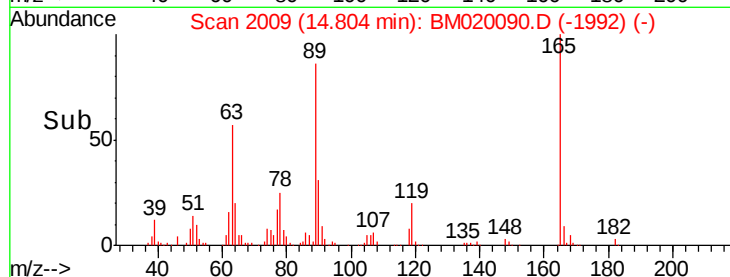
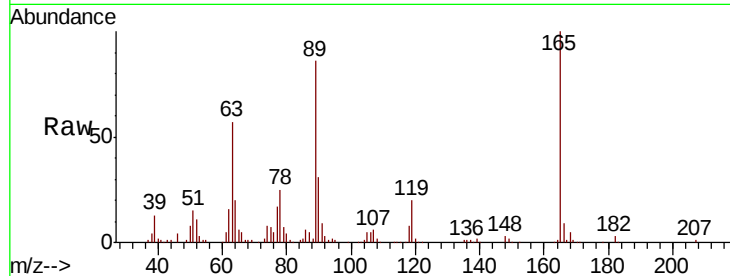
#57
 2,4-Dinitrotoluene
 Concen: 38.558 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampled :
 PB119354BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	231864		
63	57.0	46.2	69.2	
89	85.6	70.6	105.8	
182	2.9	2.2	3.2	

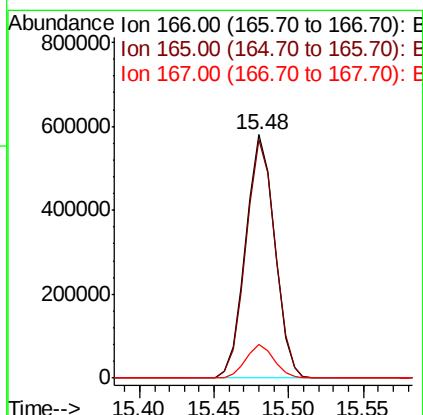
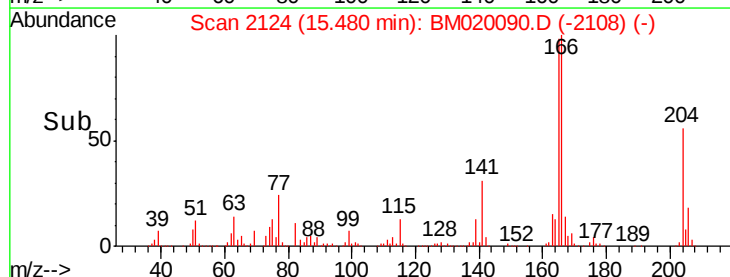
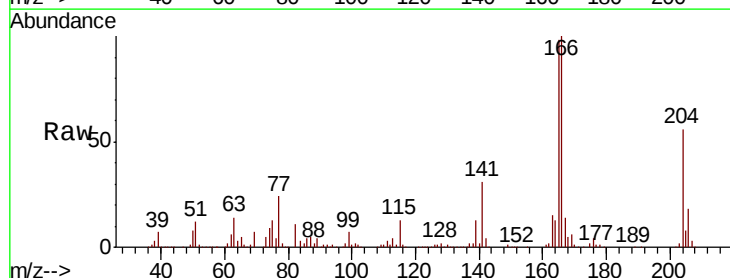
Manual Integrations
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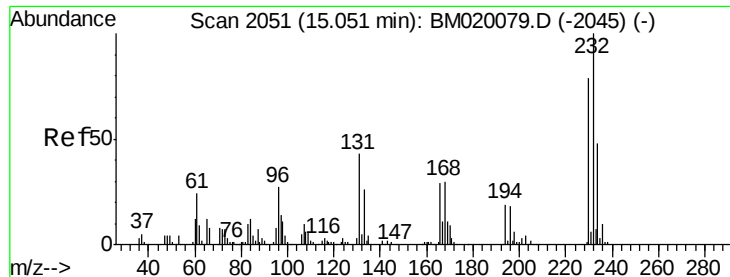
Sohil
 5/2/2019 2:19:53 AM



#58
 Fluorene
 Concen: 37.787 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	780493		
165	98.1	78.2	117.2	
167	14.0	11.0	16.4	





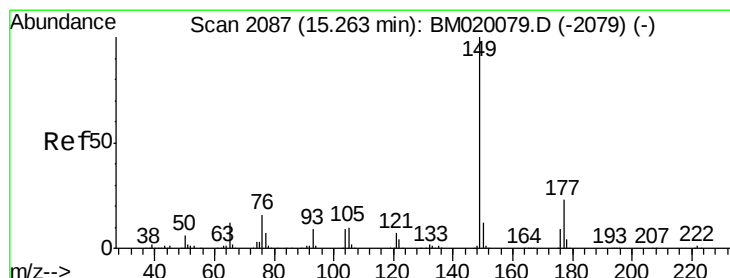
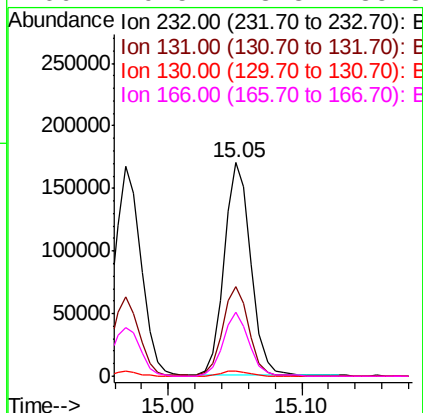
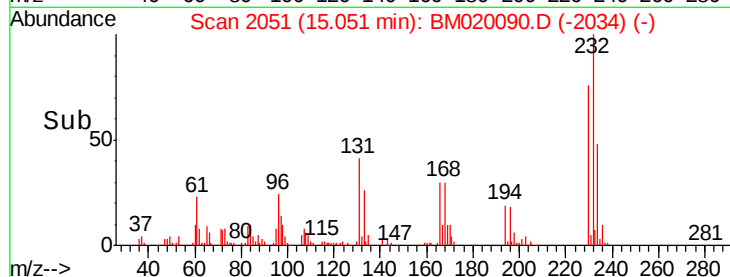
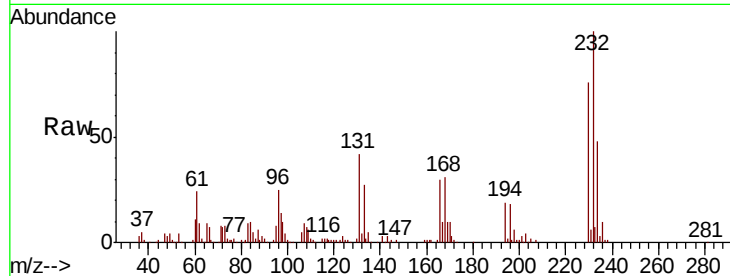
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.523 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	236476		
131	41.3		34.2	51.4
130	2.6		2.0	3.0
166	29.5		23.8	35.8

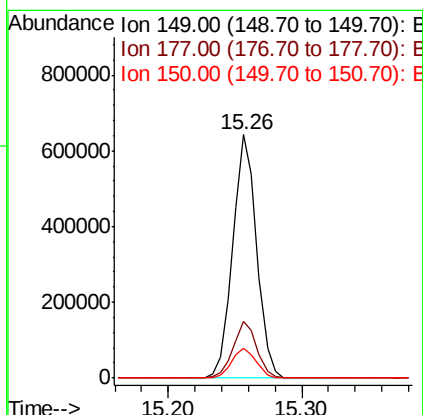
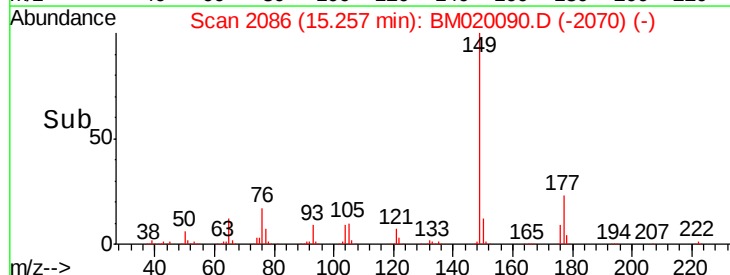
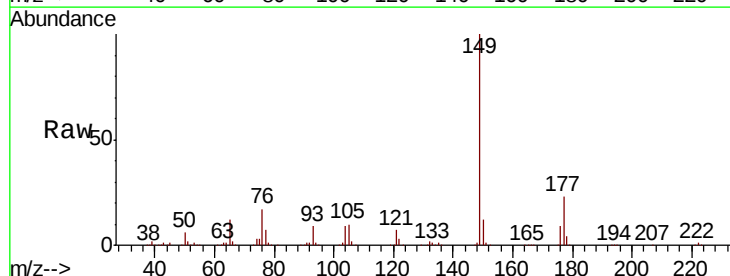
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#60
 Diethylphthalate
 Concen: 37.823 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	800660		
177	23.1		18.2	27.4
150	12.2		9.9	14.9





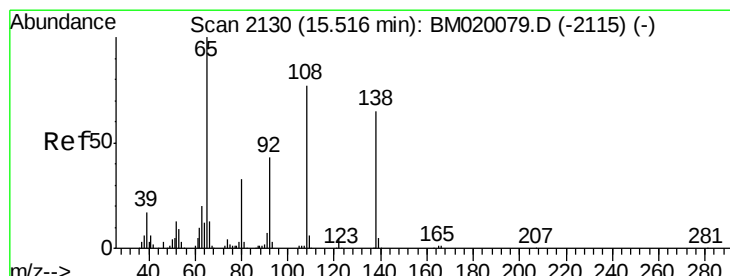
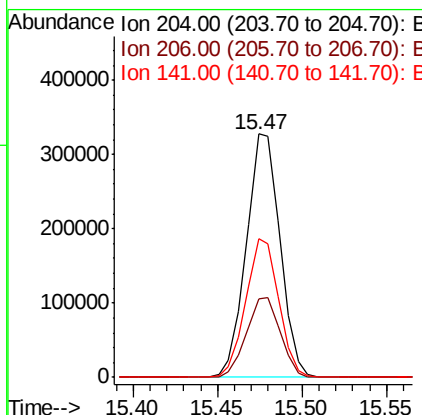
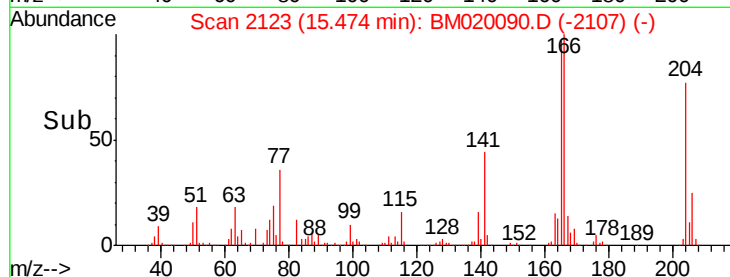
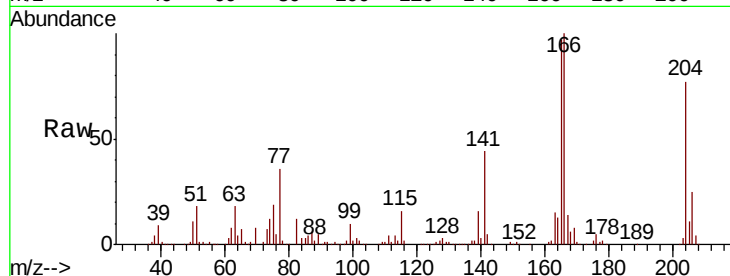
#61
4-Chlorophenyl-phenylether
Concen: 38.922 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampled :
PB119354BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	455509		
206	32.4	25.6	38.4	
141	56.9	46.1	69.1	

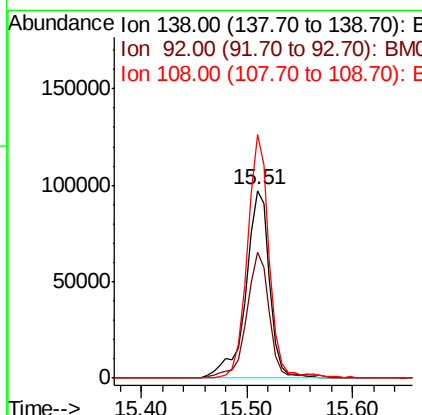
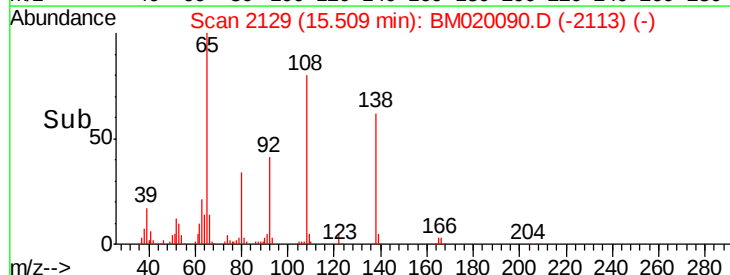
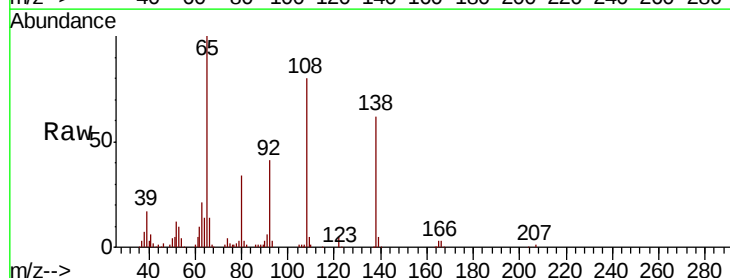
Manual Integrations
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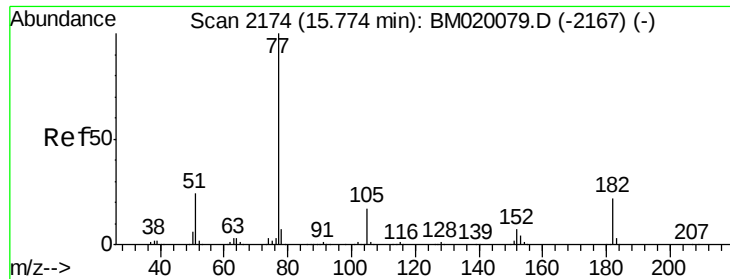
Sohil
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#62
4-Nitroaniline
Concen: 33.703 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	152770		
92	67.3	45.9	85.9	
108	129.8	97.7	137.7	





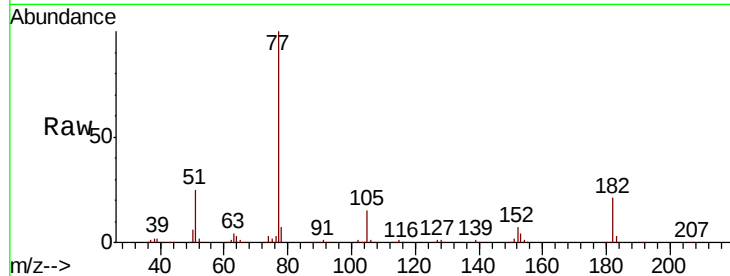
#63
Azobenzene
Concen: 38.149 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		952705		
182	20.7	2.1	42.1		
105	15.4	0.0	36.8		
51	24.7	3.8	43.8		

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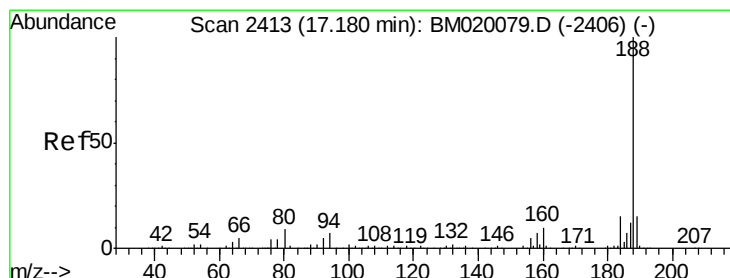
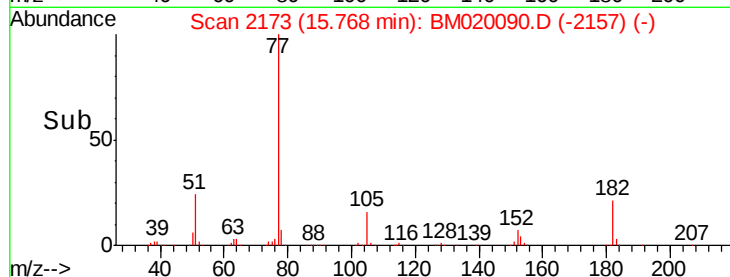
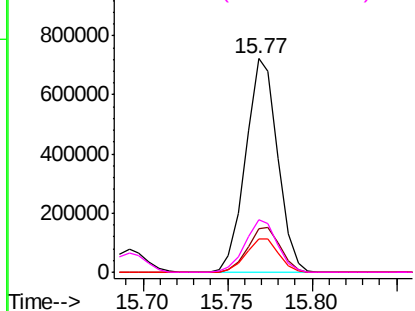


Abundance Ion 77.00 (76.70 to 77.70): BM020090.D (-2157) (-)

Ion 182.00 (181.70 to 182.70): BM020090.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): BM020090.D (-2157) (-)

Ion 51.00 (50.70 to 51.70): BM020090.D (-2157) (-)



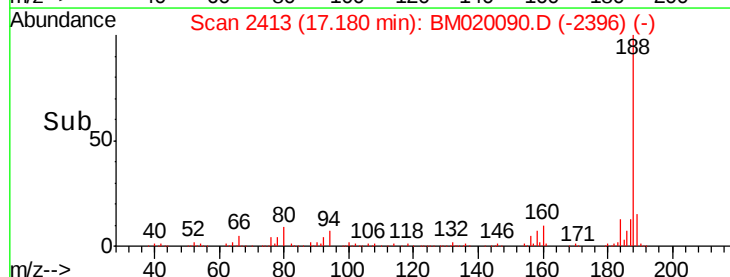
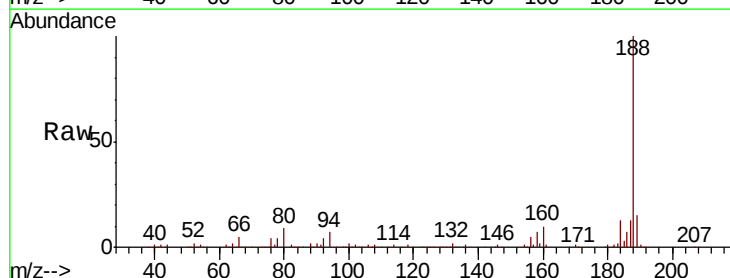
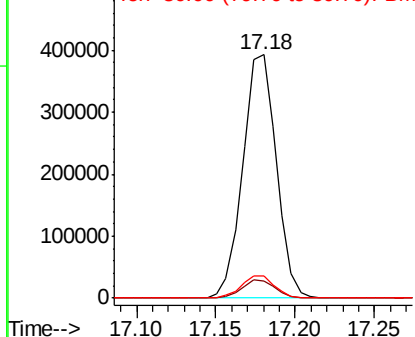
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

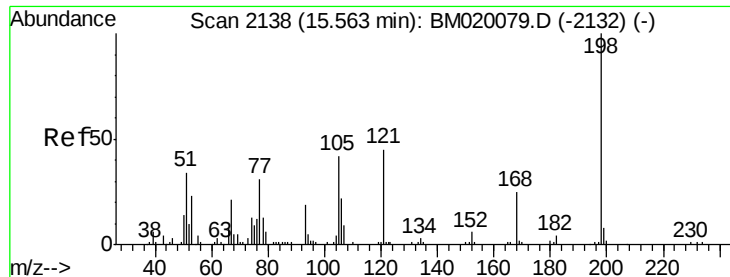
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		576657		
94	6.9	5.8	8.6		
80	9.1	7.4	11.2		

Abundance Ion 188.00 (187.70 to 188.70): BM020090.D (-2396) (-)

Ion 94.00 (93.70 to 94.70): BM020090.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020090.D (-2396) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 37.761 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

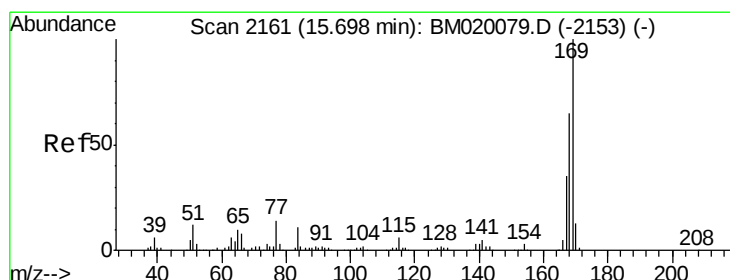
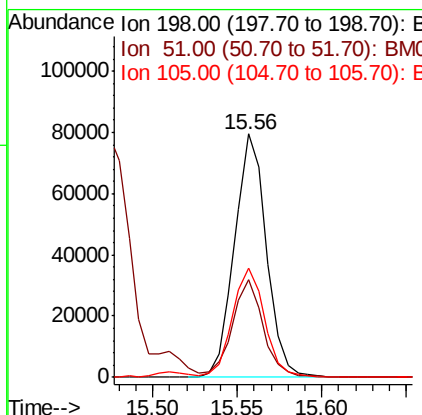
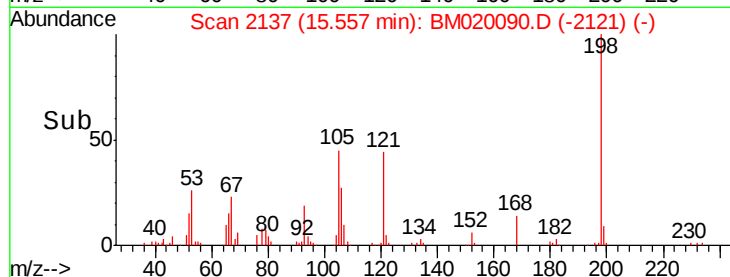
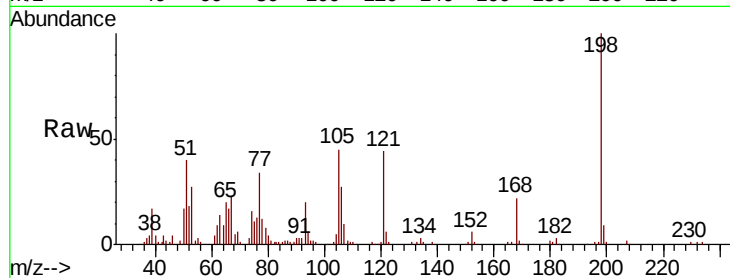
ClientSampled :

PB119354BS

Tot Ion:	198	Resp:	104644
Ion Ratio	Lower	Upper	
198	100		
51	40.1	16.5	56.5
105	45.0	22.8	62.8

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#66

n-Nitrosodiphenylamine

Concen: 40.207 ng

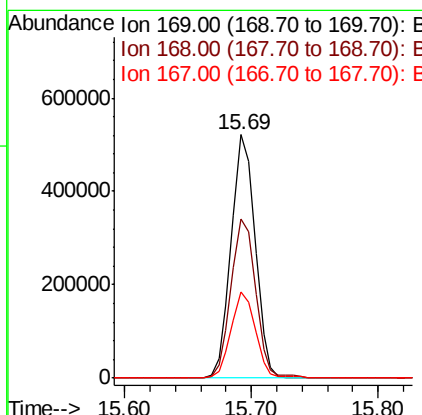
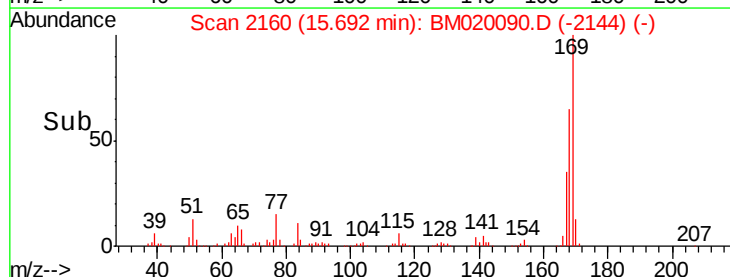
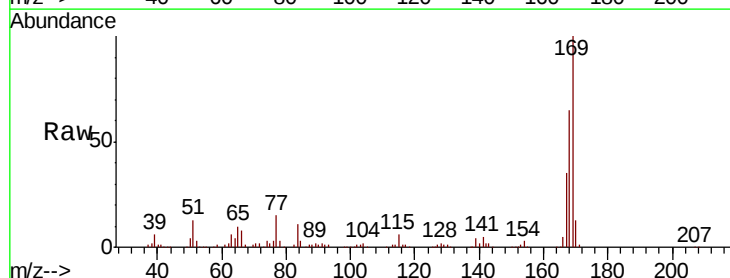
RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	169	Resp:	682257
Ion Ratio	Lower	Upper	
169	100		
168	65.4	51.9	77.9
167	35.4	27.8	41.6





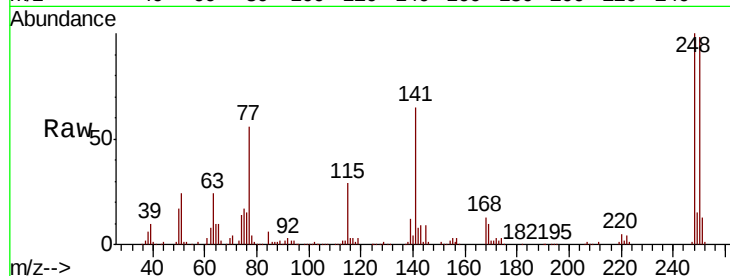
#67
 4-Bromophenyl-phenylether
 Concen: 39.458 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	64.6	57.4	86.2

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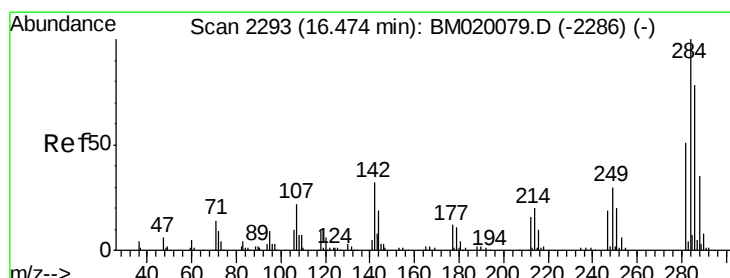
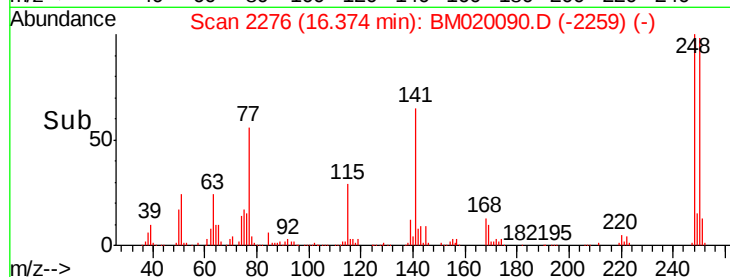
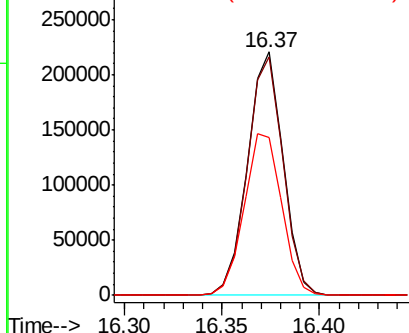


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.334 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

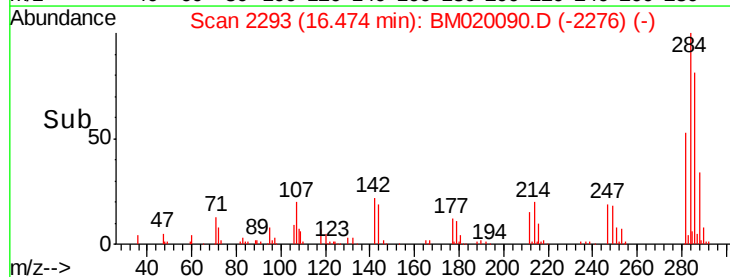
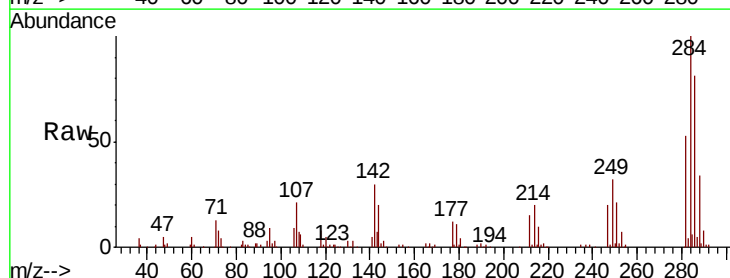
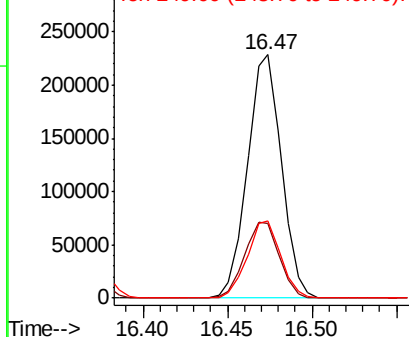
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.2	37.8
249	31.8	23.6	35.4

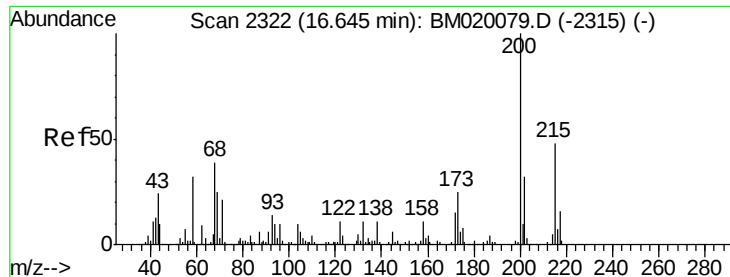
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





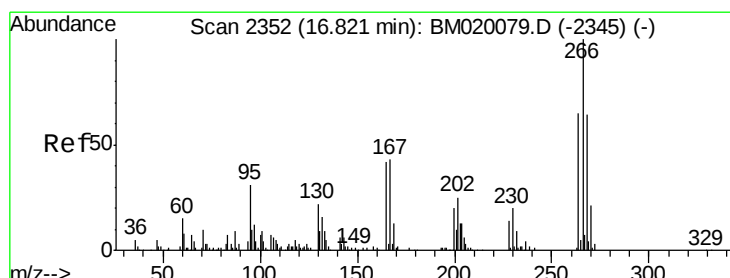
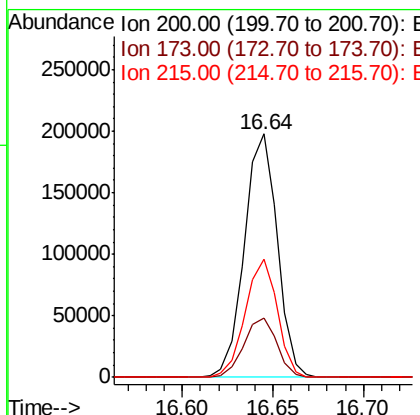
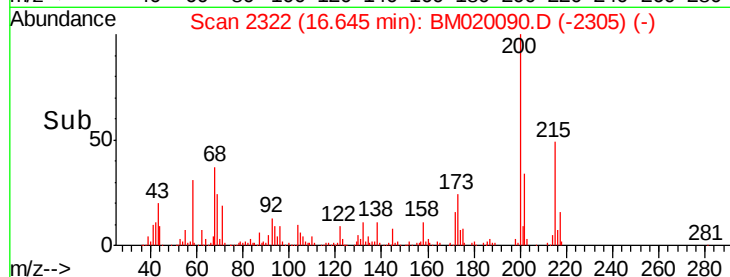
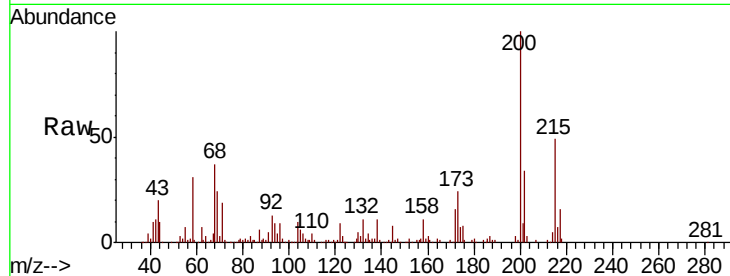
#69
Atrazine
Concen: 37.651 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampled :
PB119354BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.3	4.6	44.6
215	48.7	28.0	68.0

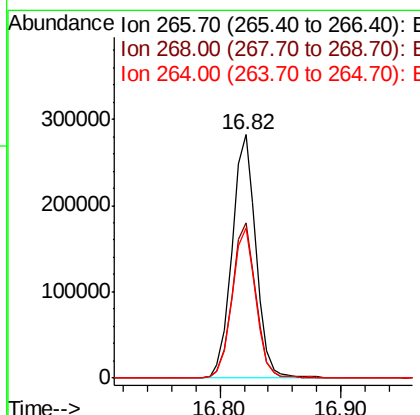
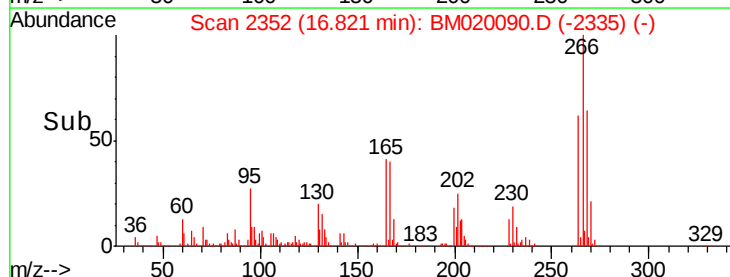
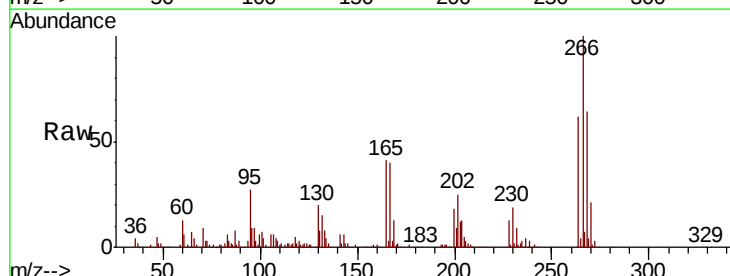
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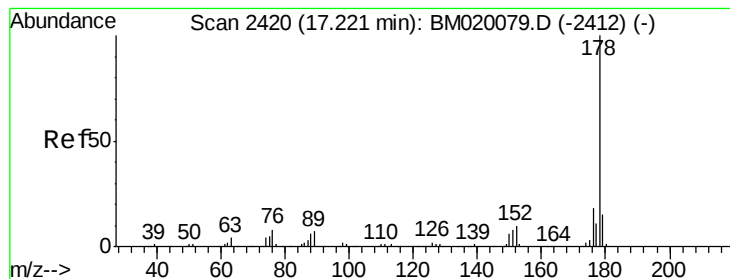
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#70
Pentachlorophenol
Concen: 83.516 ng
RT: 16.82 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.4	77.0
264	61.6	52.0	78.0





#71

Phenanthrene

Concen: 38.877 ng

RT: 17.22 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

PB119354BS

Tot Ion:178 Resp: 1237539

Ion Ratio Lower Upper

178 100

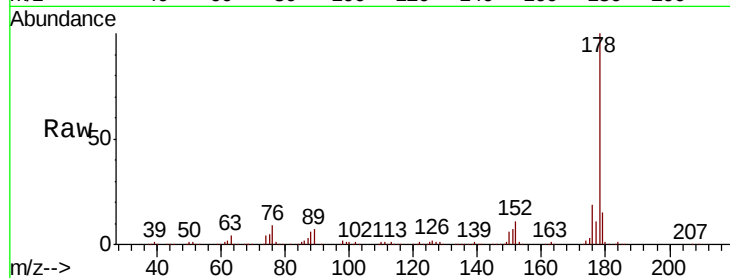
176 18.7 14.6 21.8

179 15.4 12.4 18.6

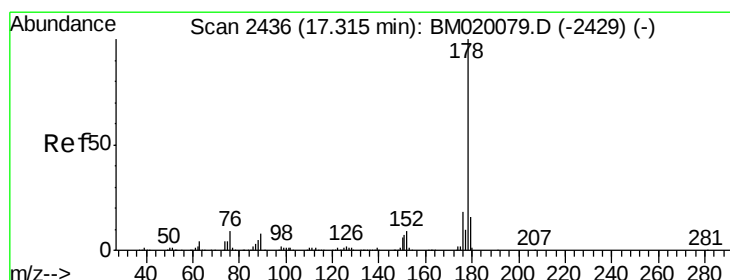
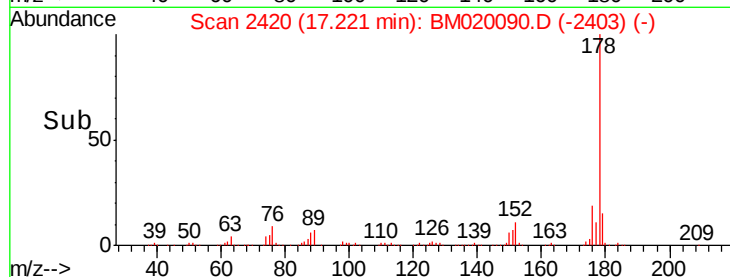
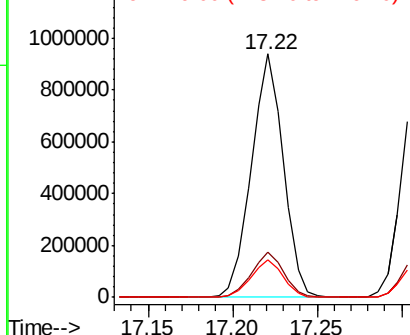
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.389 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

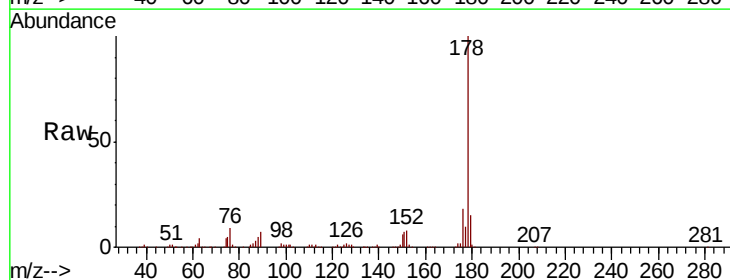
Tgt Ion:178 Resp: 1253596

Ion Ratio Lower Upper

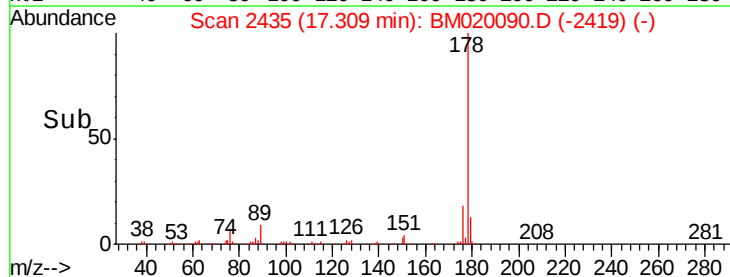
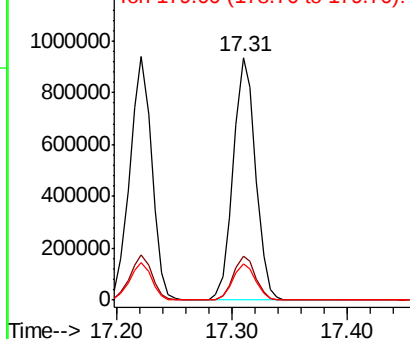
178 100

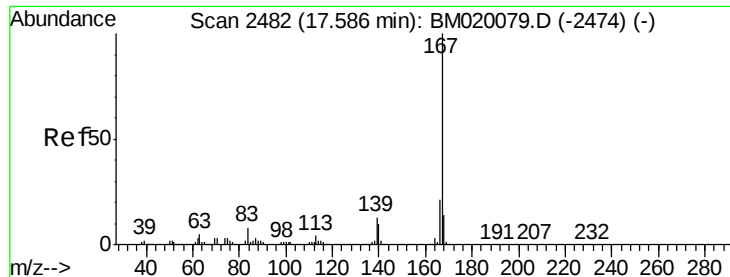
176 18.2 14.6 22.0

179 14.9 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





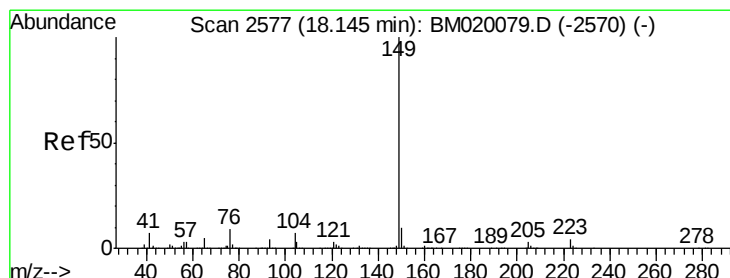
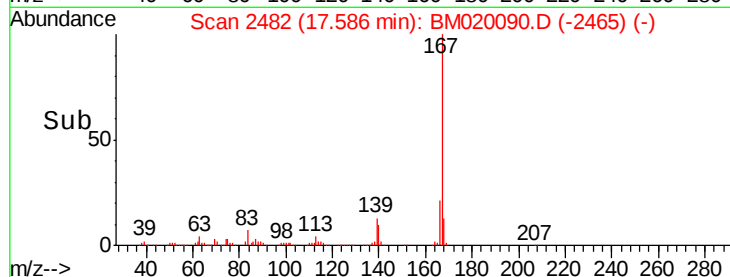
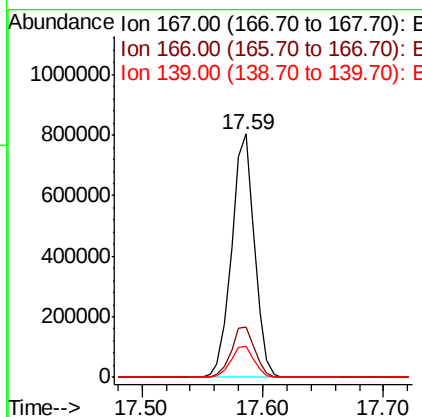
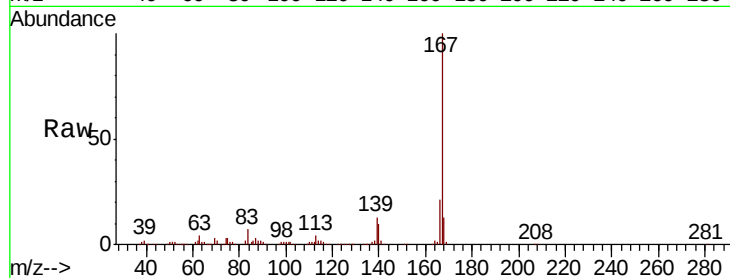
#73
 Carbazole
 Concen: 36.875 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.7	10.6	16.0

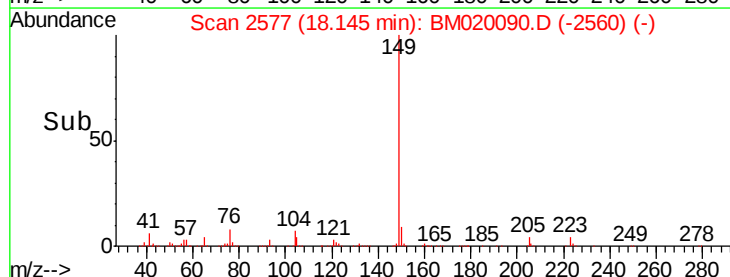
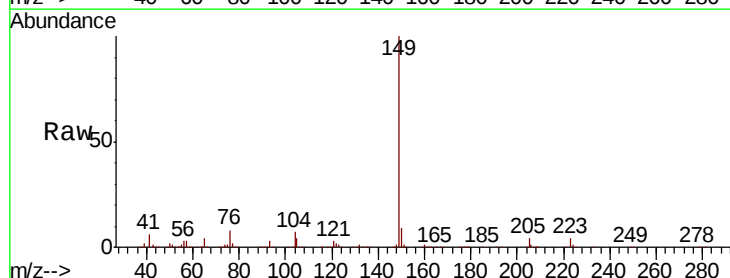
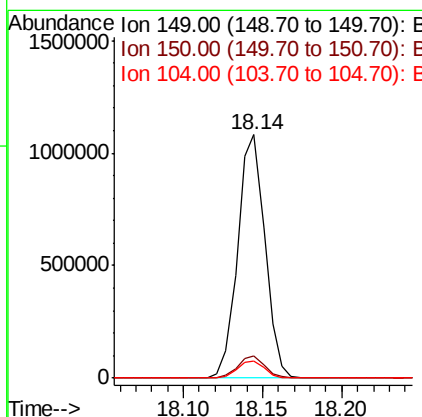
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 37.299 ng
 RT: 18.14 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	6.8	5.7	8.5





#75

Fluoranthene

Concen: 37.031 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

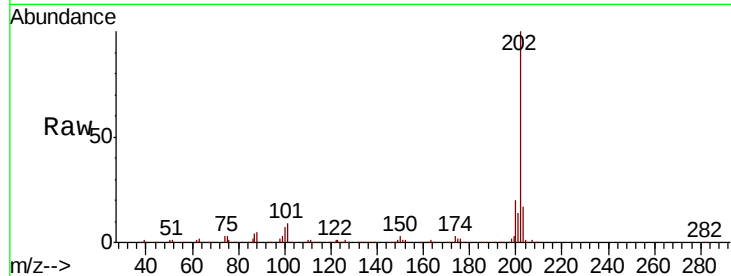
ClientSampleId :

PB119354BS

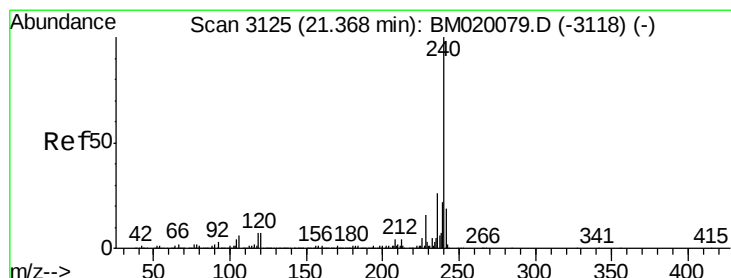
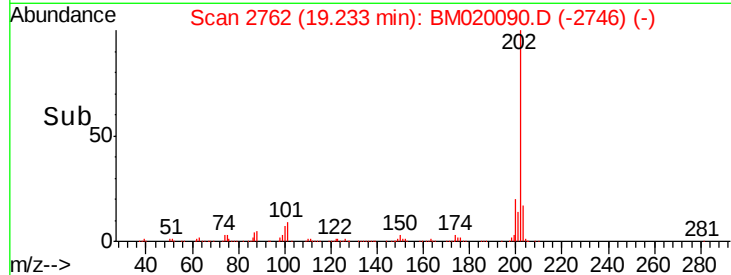
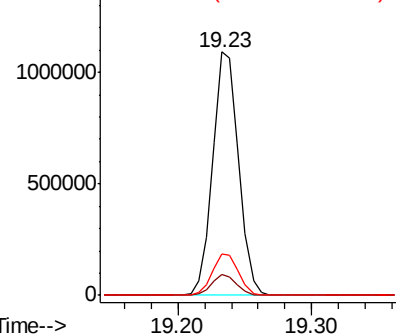
Tot Ion:	202	Resp:	1491457
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	28.4
203	17.1	0.0	37.4

Manual Integrations
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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

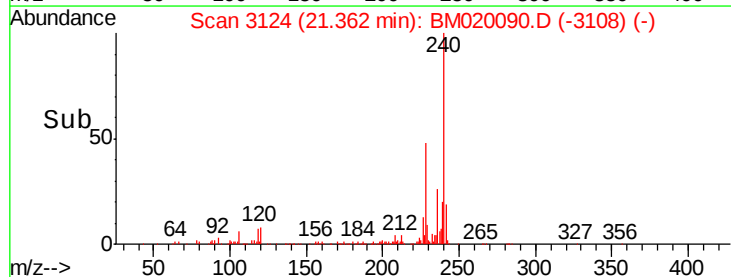
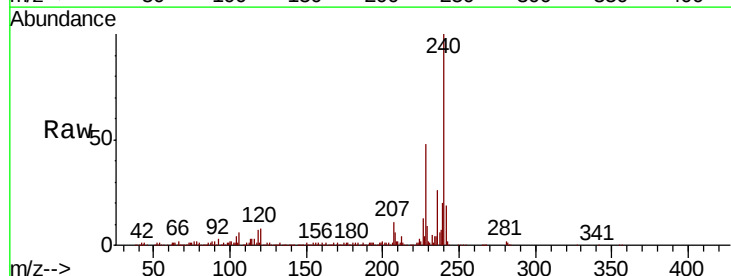
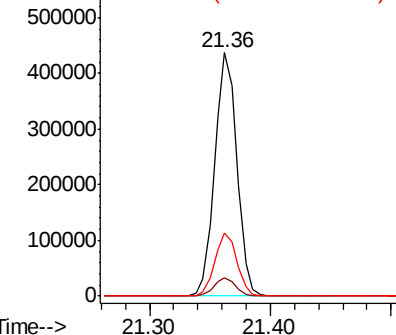
Delta R.T. -0.01 min

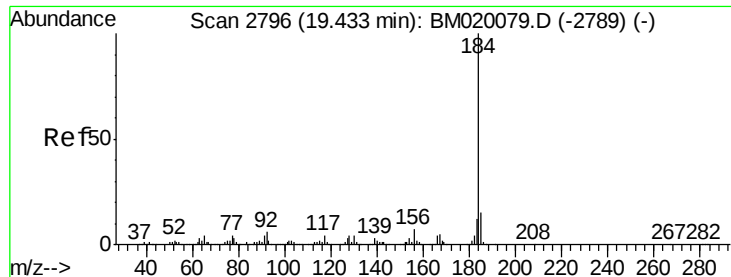
Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	240	Resp:	556594
Ion Ratio	Lower	Upper	
240	100		
120	7.6	5.6	8.4
236	25.9	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: 27.427 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

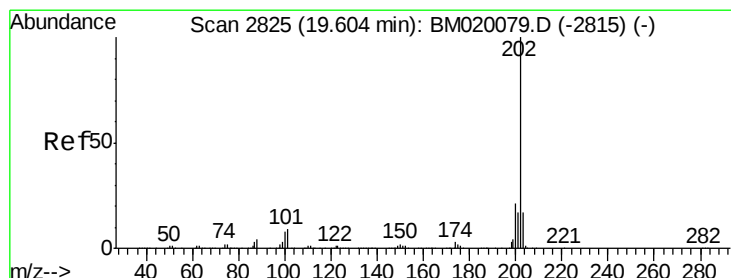
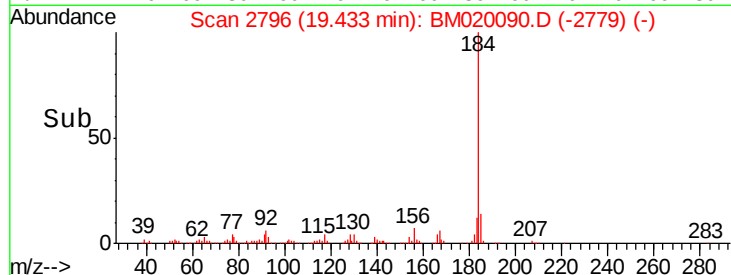
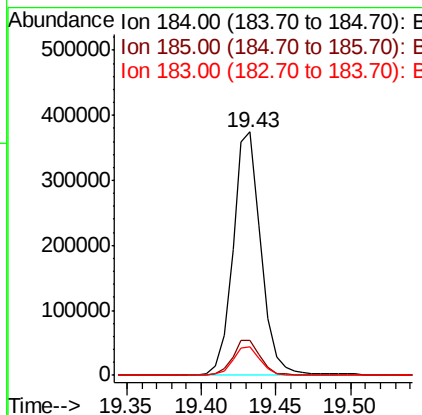
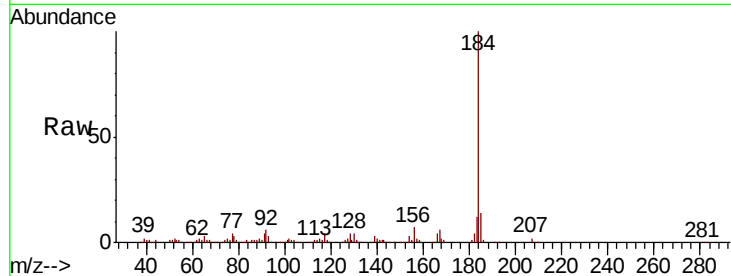
ClientSampleId :

PB119354BS

Tot Ion:	184	Resp:	488057
Ion Ratio		Lower	Upper
184	100		
185	14.3	12.0	18.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 40.302 ng

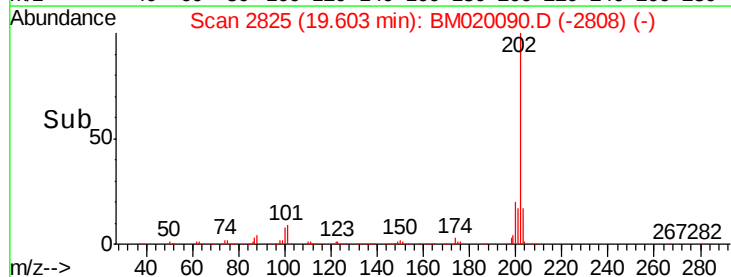
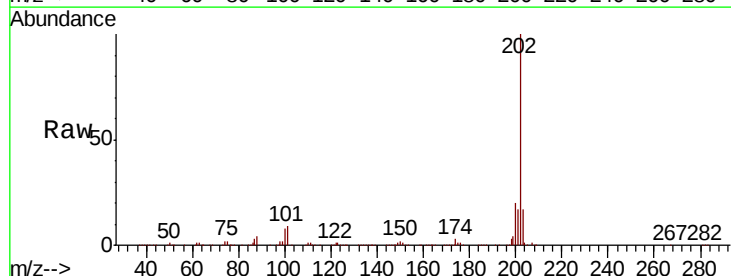
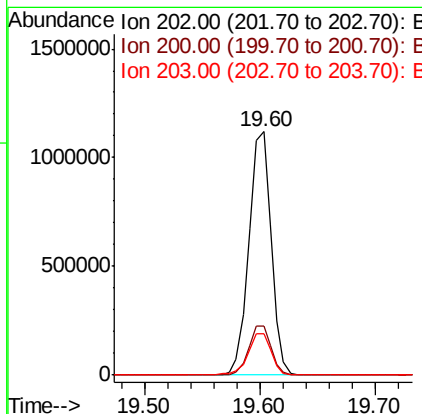
RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	202	Resp:	1506034
Ion Ratio		Lower	Upper
202	100		
200	19.9	16.5	24.7
203	17.1	13.9	20.9





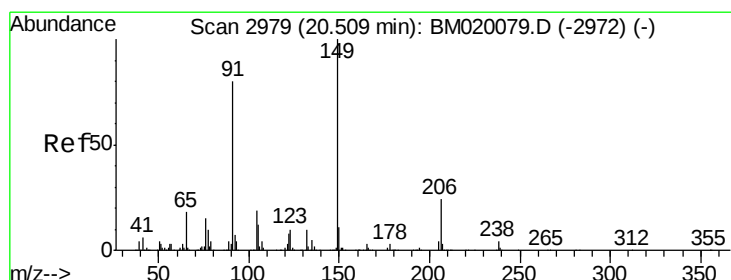
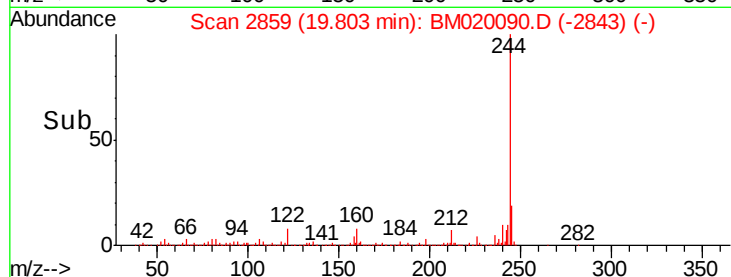
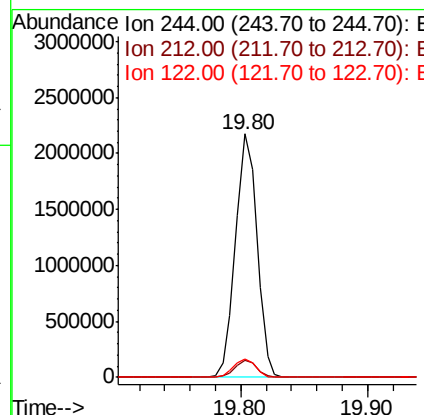
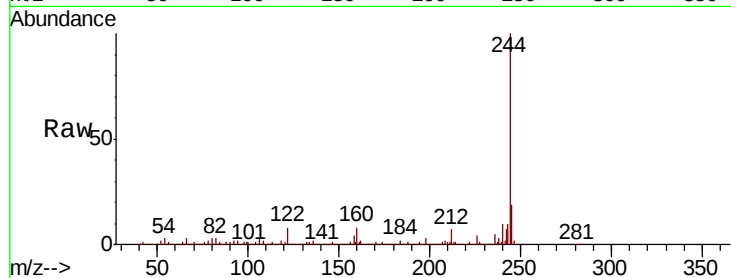
#79
 Terphenyl-d14
 Concen: 79.753 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampled :
 PB119354BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.7	6.2	9.2

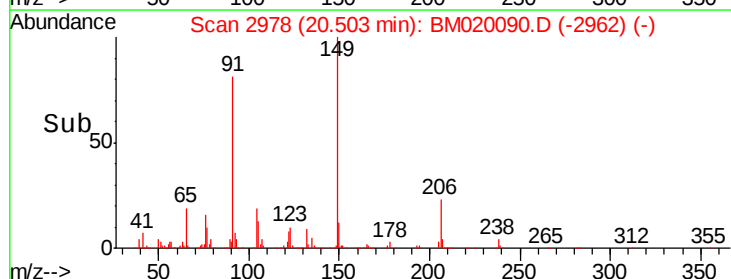
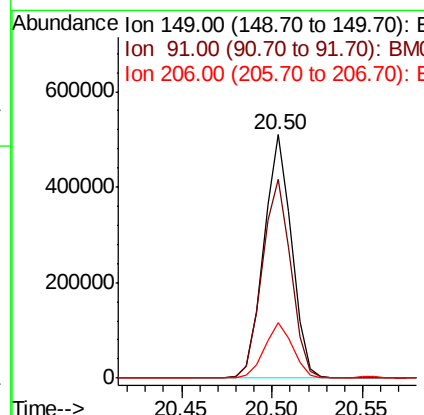
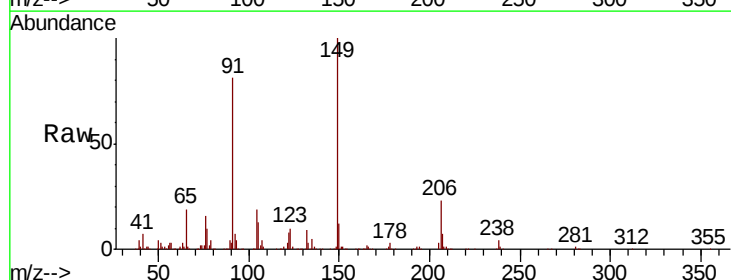
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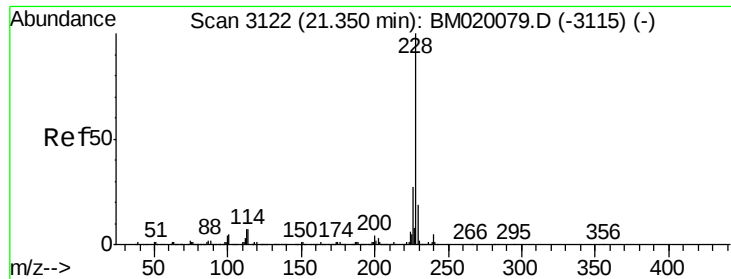
Sohil
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#80
 Butylbenzylphthalate
 Concen: 39.859 ng
 RT: 20.50 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.5	63.8	95.8
206	22.5	18.9	28.3





#81

Benzo(a)anthracene

Concen: 37.154 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

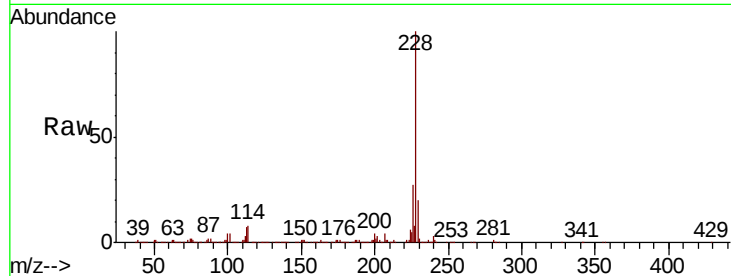
ClientSampleId :

PB119354BS

Tot Ion:	228	Resp:	1450259
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	20.2	15.5	23.3

Manual Integrations
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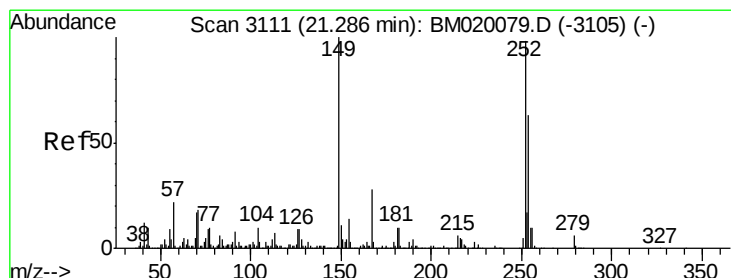
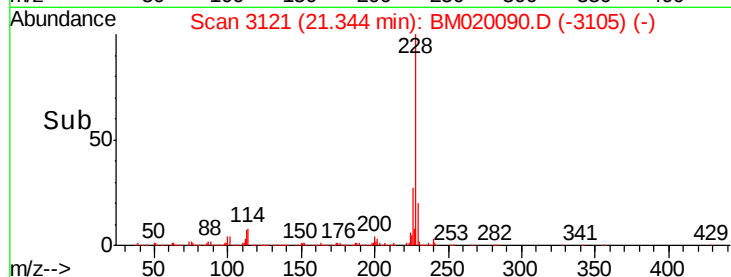
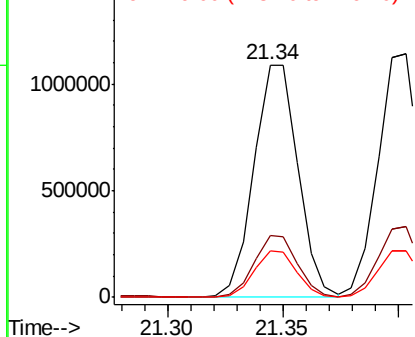


Abundance

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: 33.165 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

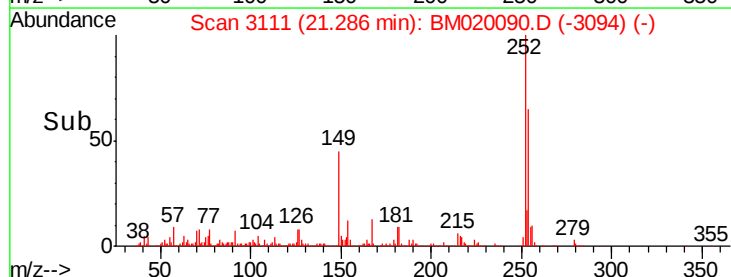
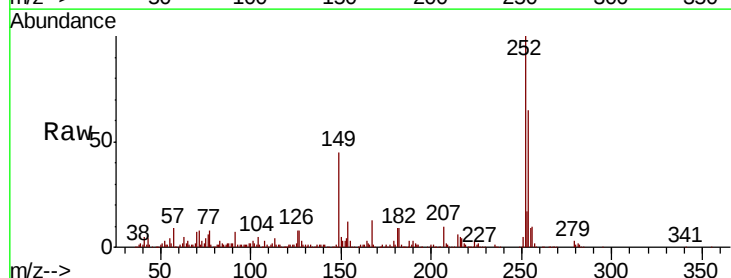
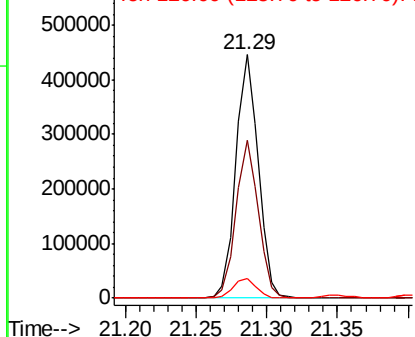
Tgt Ion:	252	Resp:	494092
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.1	76.7
126	8.1	7.1	10.7

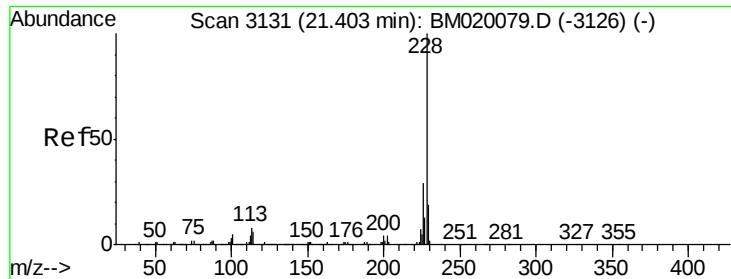
Abundance

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





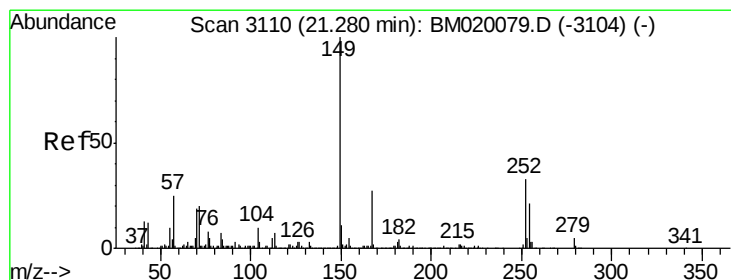
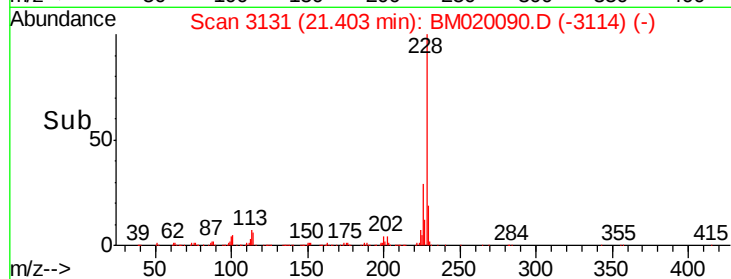
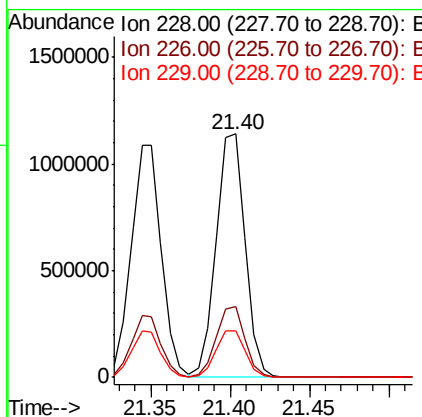
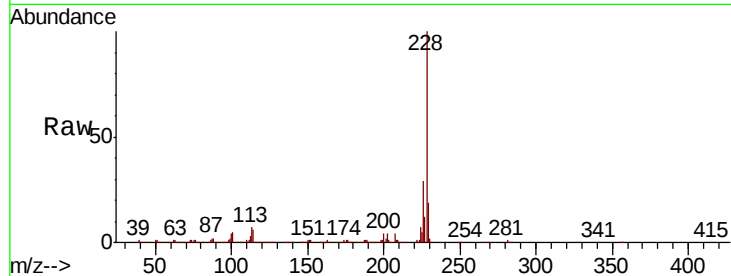
#83
 Chrysene
 Concen: 38.271 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :
 PB119354BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.0	15.5	23.3

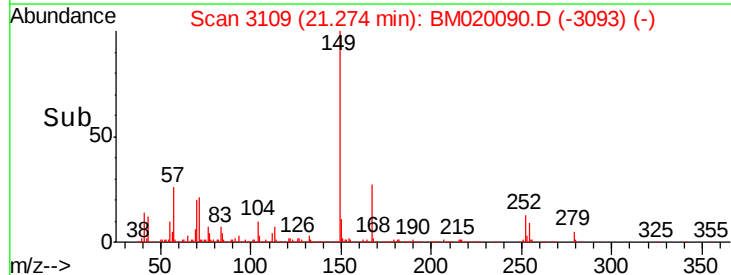
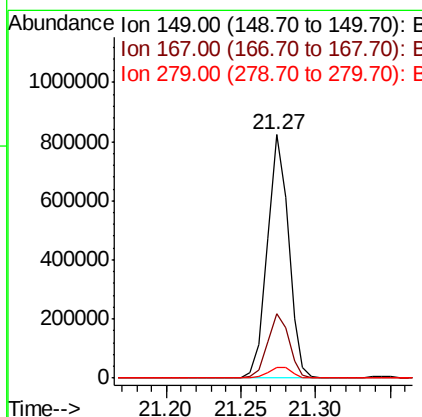
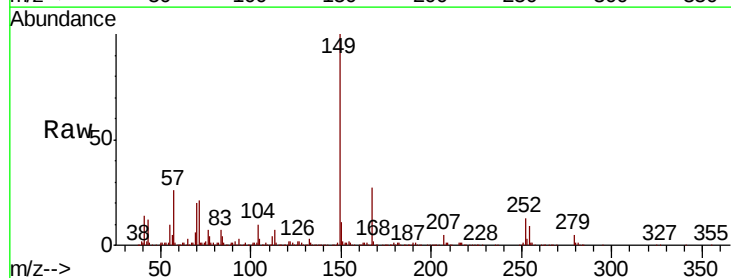
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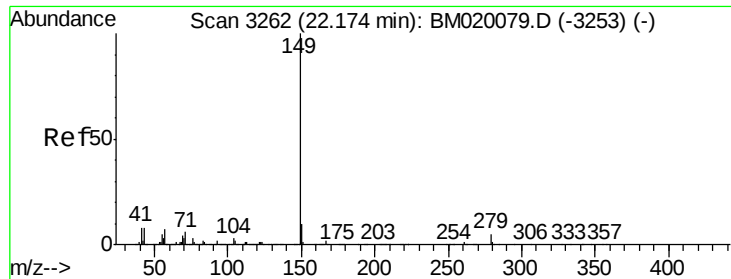
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.303 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.8
279	4.6	4.2	6.2





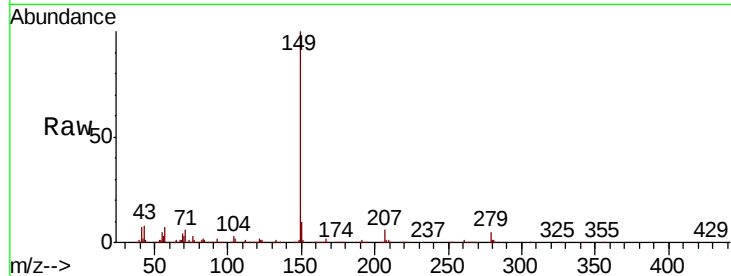
#85
Di-n-octyl phthalate
Concen: 37.772 ng
RT: 22.17 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

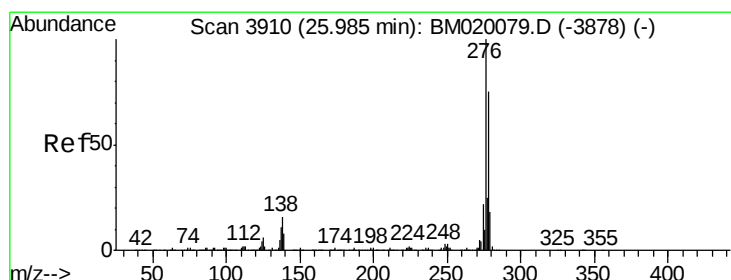
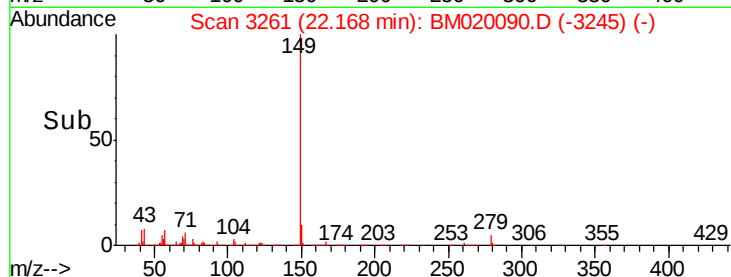
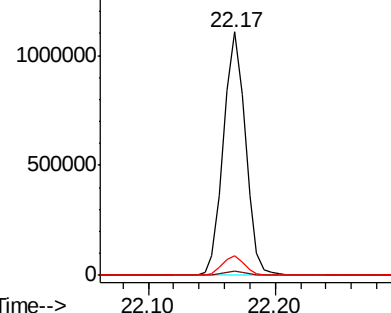
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.0	6.5	9.7

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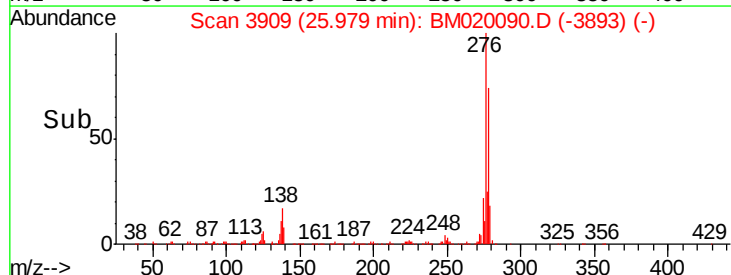
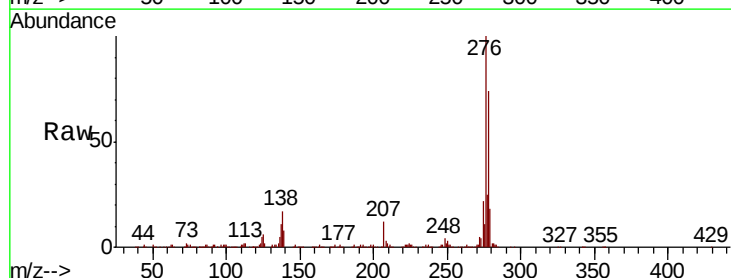
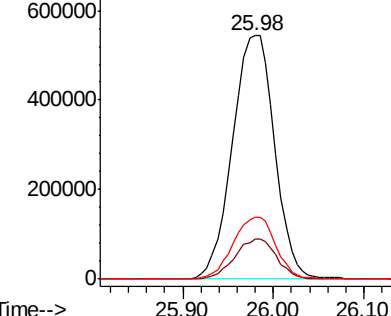
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

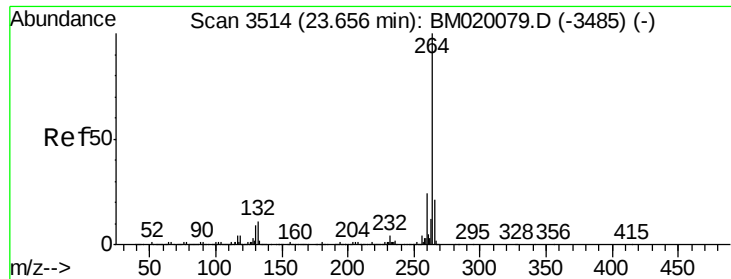


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.211 ng
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	0.0	0.0#
277	25.6	0.0	0.0#

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

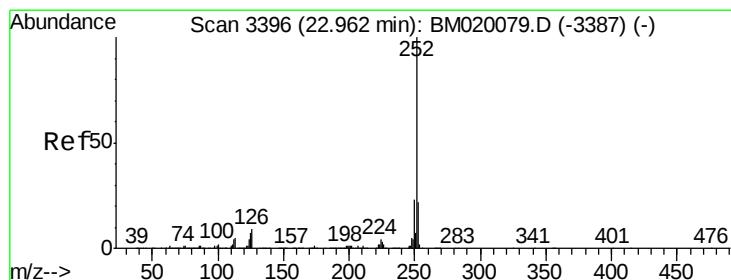
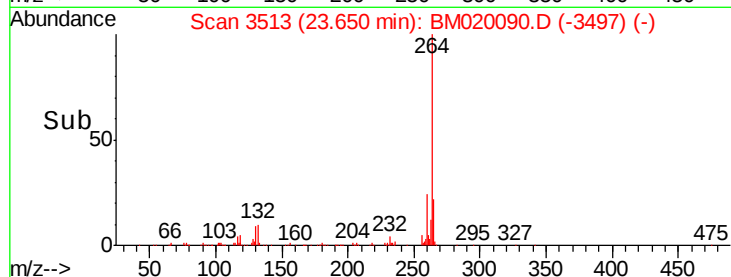
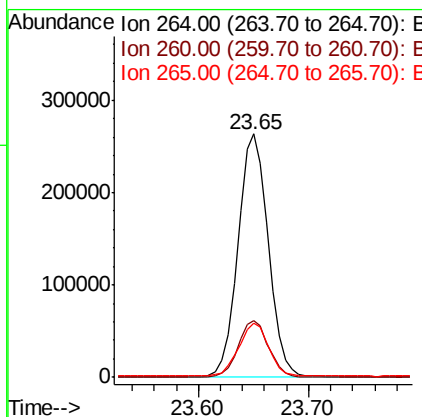
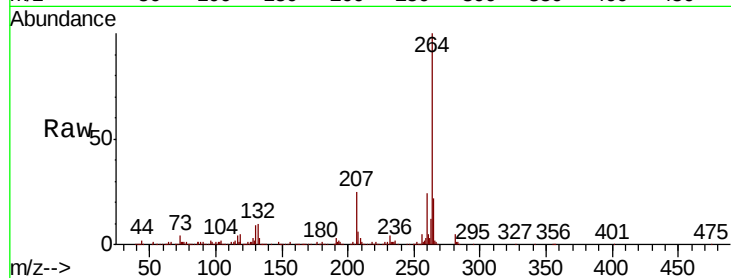
ClientSampleId :

PB119354BS

Tot Ion:	264	Resp:	508037
Ion Ratio		Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.5	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 44.267 ng

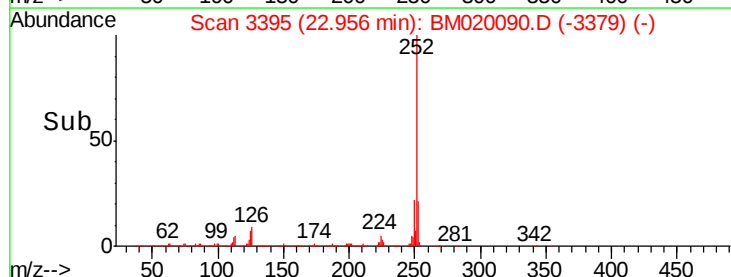
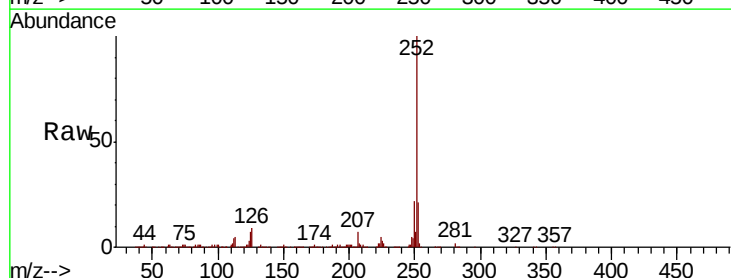
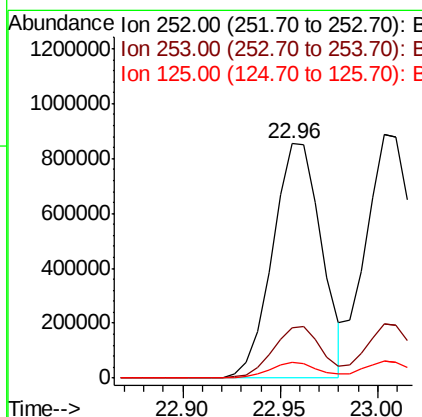
RT: 22.96 min Scan# 3395

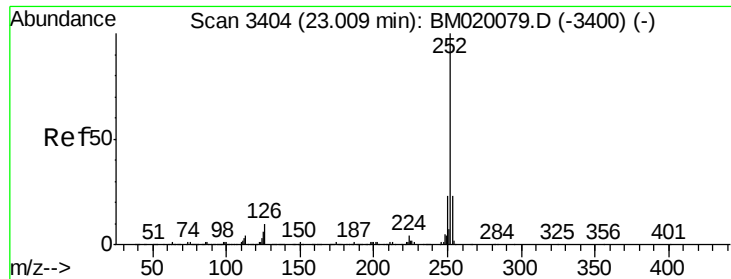
Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:	252	Resp:	1485084
Ion Ratio		Lower	Upper
252	100		
253	21.3	17.5	26.3
125	6.9	5.4	8.2





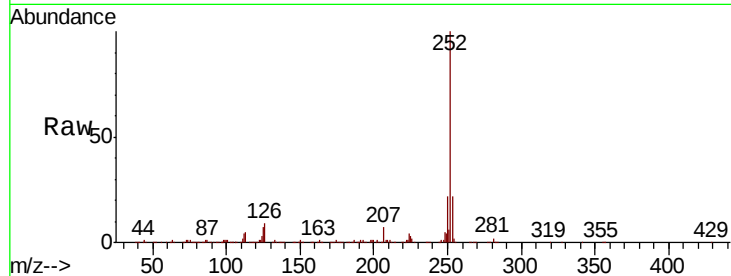
#89
Benzo(k)fluoranthene
Concen: 48.602 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	7.2	5.4	8.0

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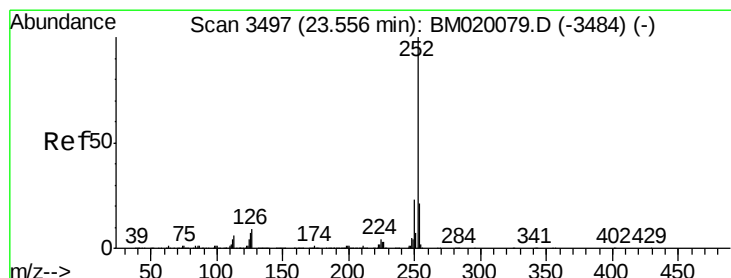
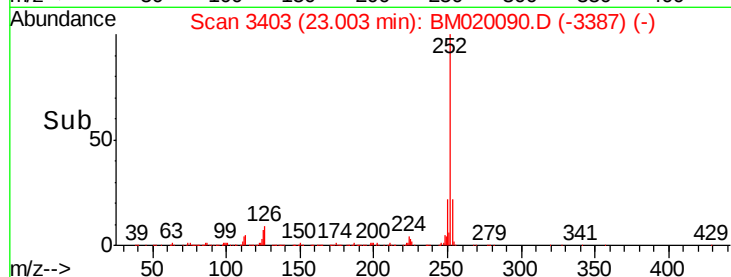
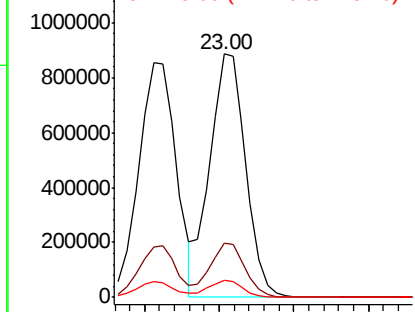


Abundance

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



#90
Benzo(a)pyrene
Concen: 47.716 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

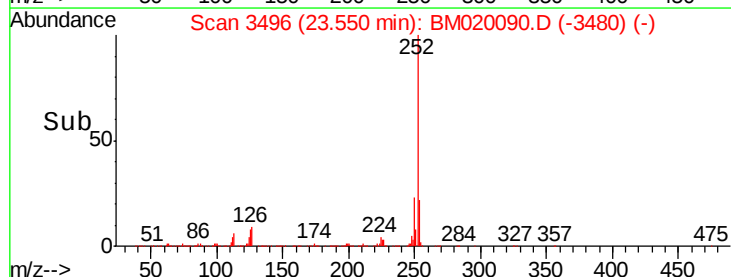
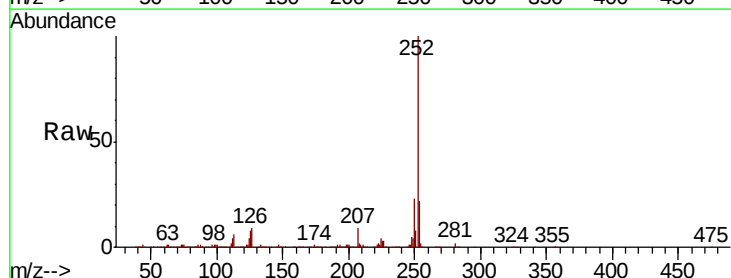
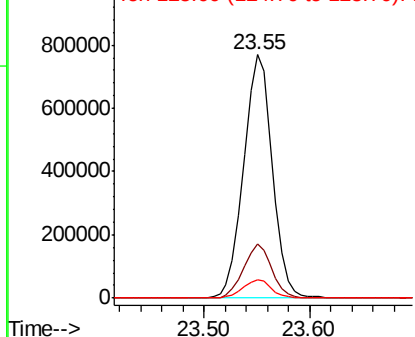
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	7.5	5.5	8.3

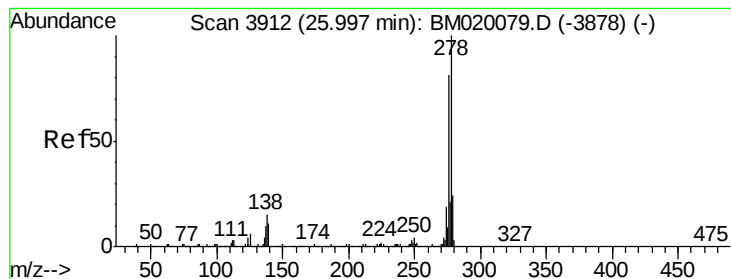
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 47.860 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

PB119354BS

Tot Ion:278 Resp: 1516696

Ion Ratio Lower Upper

278 100

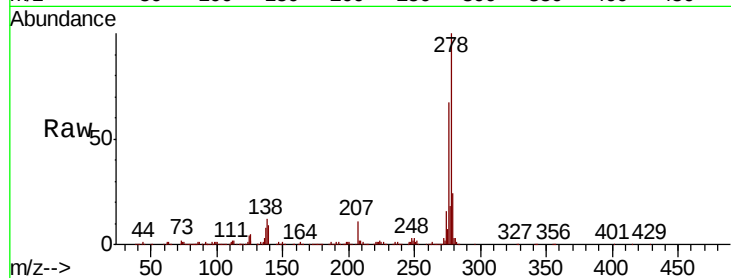
139 9.0 8.6 13.0

279 23.7 18.8 28.2

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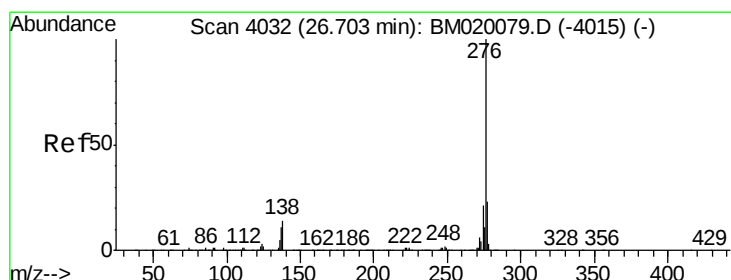
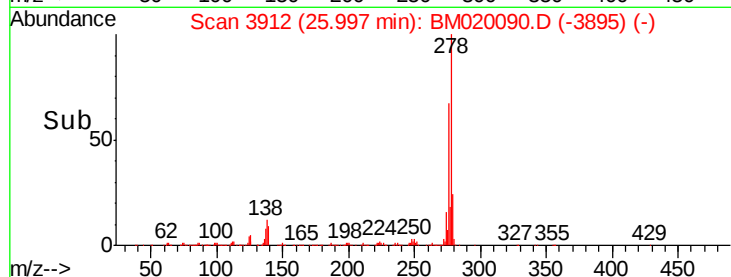
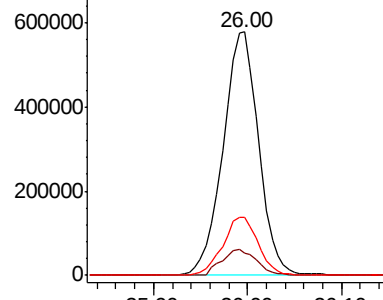


Abundance

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: 49.394 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

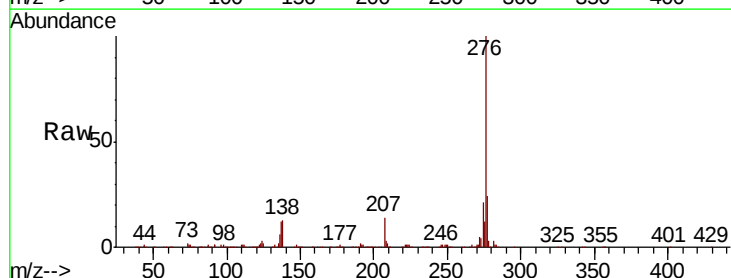
Tgt Ion:276 Resp: 1486115

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 13.1 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

