

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020260.D
 Acq On : 11 May 2019 03:54
 Operator : JU/SJ
 Sample : K2801-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:25:33 AM

Quant Time: May 11 06:10:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	95292	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	369380	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	239239	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	598220	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	510204	20.00	ng	-0.01
87) Perylene-d12	23.64	264	482509	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	772922	132.58	ng	-0.01
7) Phenol-d6	6.95	99	1090890	136.97	ng	0.00
23) Nitrobenzene-d5	8.95	82	754128	80.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	545304	146.85	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1552420	79.84	ng	-0.02
79) Terphenyl-d14	19.80	244	2877176	98.36	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.29	88	82947	29.011 ng	94
3) Pyridine	3.69	79	230780	31.560 ng	95
4) n-Nitrosodimethylamine	3.61	42	83618	35.660 ng	# 64
6) Aniline	7.11	93	306977	30.620 ng	97
8) 2-Chlorophenol	7.34	128	273805	43.135 ng	96
9) Benzaldehyde	6.93	77	155772	25.842 ng	92
10) Phenol	6.97	94	382391	44.600 ng	92
11) bis(2-Chloroethyl)ether	7.21	93	266398	42.750 ng	97
12) 1,3-Dichlorobenzene	7.66	146	288436	39.055 ng	95
13) 1,4-Dichlorobenzene	7.81	146	294913	39.529 ng	97
14) 1,2-Dichlorobenzene	8.12	146	288109	40.533 ng	96
15) Benzyl Alcohol	8.02	79	305707	39.808 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	205614	39.792 ng	99
17) 2-Methylphenol	8.22	107	247177	44.785 ng	94
18) Hexachloroethane	8.84	117	106909	34.366 ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	267050	39.193 ng	94
20) 3+4-Methylphenols	8.55	107	330272	45.025 ng	96
22) Acetophenone	8.60	105	428645	42.460 ng	# 95
24) Nitrobenzene	8.99	77	393102	40.523 ng	95
25) Isophorone	9.50	82	684603	42.431 ng	98
26) 2-Nitrophenol	9.69	139	151210	51.631 ng	90
27) 2,4-Dimethylphenol	9.75	122	249261	51.122 ng	96
28) bis(2-Chloroethoxy)methane	9.99	93	371335	42.258 ng	98
29) 2,4-Dichlorophenol	10.22	162	286275	46.563 ng	97
30) 1,2,4-Trichlorobenzene	10.43	180	322724	42.660 ng	99
31) Naphthalene	10.62	128	830034	43.302 ng	99
32) Benzoic acid	9.90	122	134394	40.015 ng	95
33) 4-Chloroaniline	10.74	127	185466	23.508 ng	97
34) Hexachlorobutadiene	10.88	225	202753	37.887 ng	94
35) Caprolactam	11.56	113	92355m	50.237 ng	
36) 4-Chloro-3-methylphenol	11.86	107	323045	44.712 ng	93
37) 2-Methylnaphthalene	12.23	142	635644	45.486 ng	96
38) 1-Methylnaphthalene	12.45	142	606343	44.372 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	396159	42.325 ng	99

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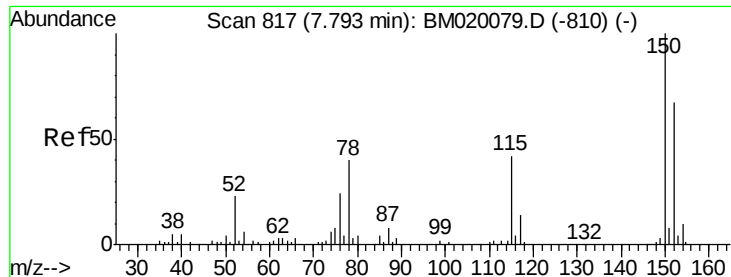
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	165162	29.969	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	267101	50.212	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	285586	48.057	ng	96
46) 1,1'-Biphenyl	13.25	154	838892	42.601	ng	99
47) 2-Chloronaphthalene	13.30	162	683216	43.455	ng	99
48) 2-Nitroaniline	13.51	65	242509	43.326	ng	94
49) Acenaphthylene	14.15	152	1070467	42.543	ng	99
50) Dimethylphthalate	13.89	163	1054133	51.842	ng	98
51) 2,6-Dinitrotoluene	14.01	165	190766	44.544	ng	92
52) Acenaphthene	14.49	154	625828	43.373	ng	99
53) 3-Nitroaniline	14.35	138	133157	33.500	ng	96
54) 2,4-Dinitrophenol	14.55	184	105233	52.333	ng	92
55) Dibenzofuran	14.82	168	1058379	43.486	ng	96
56) 4-Nitrophenol	14.66	139	327333	96.520	ng	88
57) 2,4-Dinitrotoluene	14.80	165	275676	47.372	ng	92
58) Fluorene	15.47	166	882273	44.139	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	279815	49.549	ng	96
60) Diethylphthalate	15.24	149	848616	41.425	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	484669	42.794	ng	96
62) 4-Nitroaniline	15.52	138	190290m	43.380	ng	
63) Azobenzene	15.76	77	968922	40.092	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	75596	28.470	ng	92
66) n-Nitrosodiphenylamine	15.69	169	769076	43.690	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	308692	42.081	ng	94
68) Hexachlorobenzene	16.47	284	357919	42.400	ng	95
69) Atrazine	16.64	200	285949	41.567	ng	99
70) Pentachlorophenol	16.82	266	483190	100.041	ng	97
71) Phenanthrene	17.22	178	1454534	44.047	ng	99
72) Anthracene	17.30	178	1495745	45.303	ng	100
73) Carbazole	17.58	167	1304115	43.775	ng	99
74) Di-n-butylphthalate	18.13	149	1550767	43.255	ng	98
75) Fluoranthene	19.23	202	1792710	42.907	ng	100
77) Benzidine	19.43	184	683029	41.874	ng	99
78) Pyrene	19.59	202	1793687	52.363	ng	99
80) Butylbenzylphthalate	20.49	149	730024	58.605	ng	99
81) Benzo(a)anthracene	21.34	228	1513719	42.306	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	591252	43.295	ng	98
83) Chrysene	21.39	228	1470162	42.367	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1072345	55.477	ng	97
85) Di-n-octyl phthalate	22.14	149	1618269	50.371	ng	97
86) Indeno(1,2,3-cd)pyrene	25.98	276	1473823	35.707	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	1363967	42.808	ng	100
89) Benzo(k)fluoranthene	23.00	252	1326391	45.636	ng	99
90) Benzo(a)pyrene	23.54	252	1283727	44.356	ng	98
91) Dibenzo(a,h)anthracene	25.99	278	1262131	41.934	ng	100
92) Benzo(g,h,i)perylene	26.69	276	1209216	42.317	ng	99

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



#1

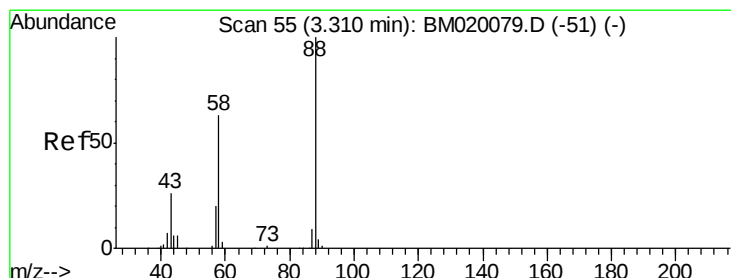
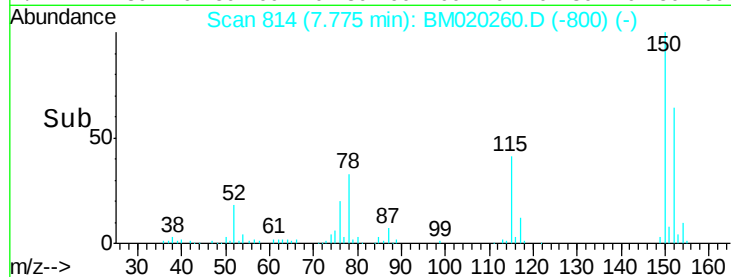
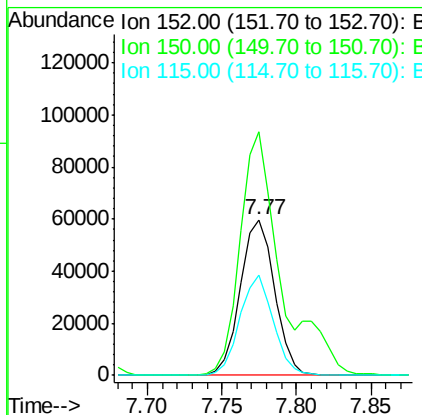
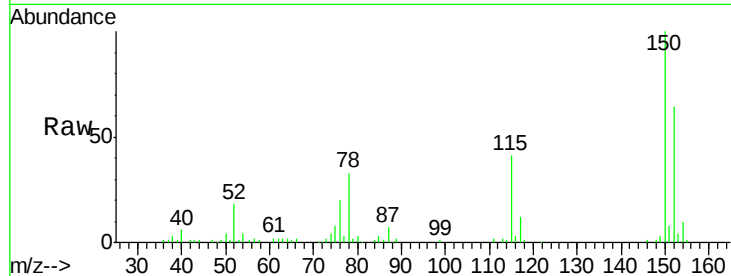
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
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ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.8	179.8
115	64.2	50.8	76.2

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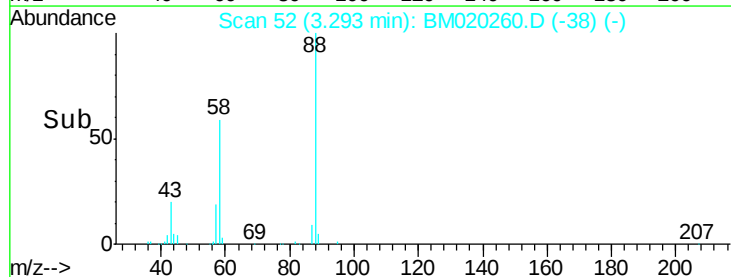
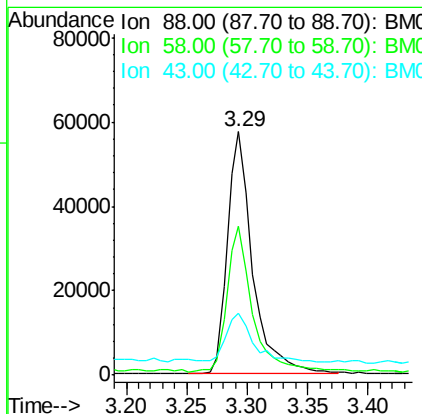
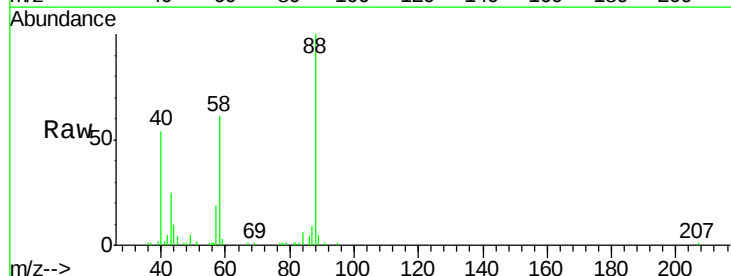
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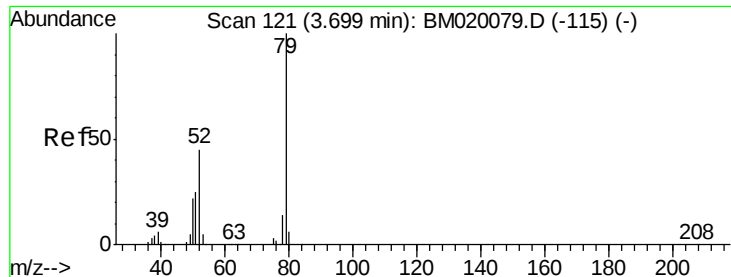


#2

1,4-Dioxane
Concen: 29.011 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.3	51.8	77.6
43	22.3	20.3	30.5





#3

Pyridine

Concen: 31.560 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

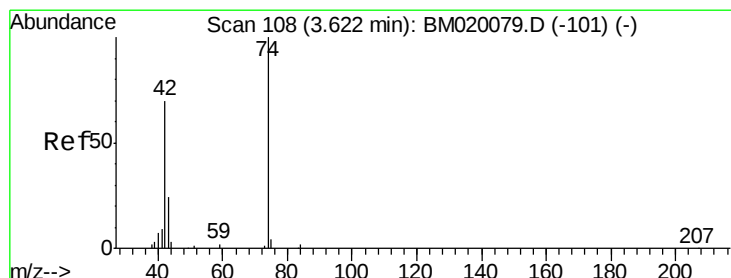
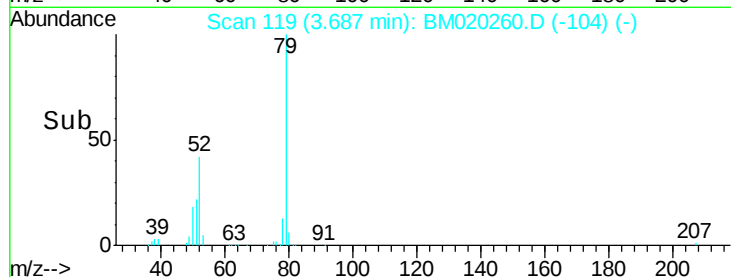
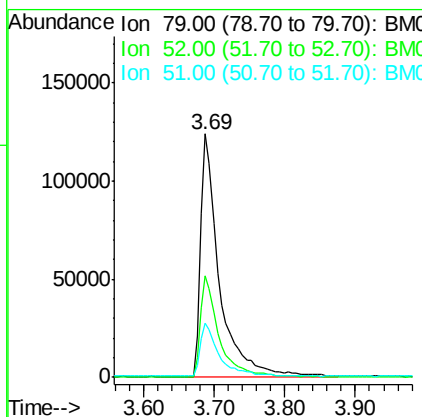
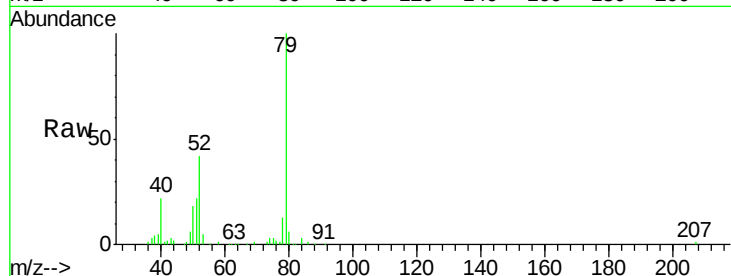
ClientSampleId :

RBR-200035MSD

Tgt Ion:	79	Resp:	230780
Ion	Ratio	Lower	Upper
79	100		
52	41.9	35.7	53.5
51	22.3	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 35.660 ng

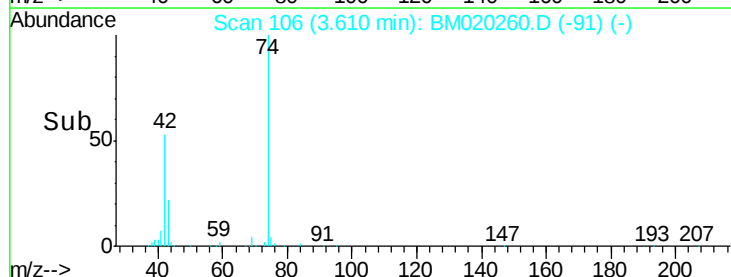
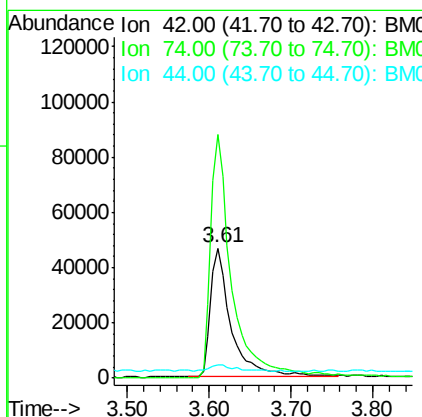
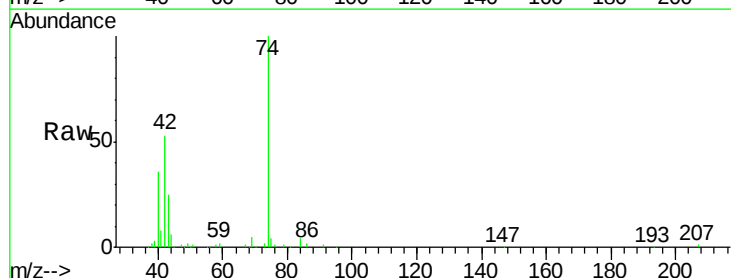
RT: 3.61 min Scan# 106

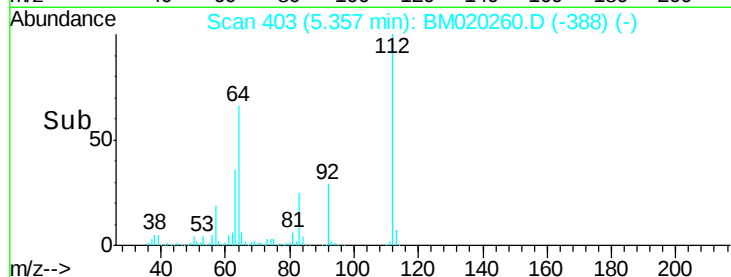
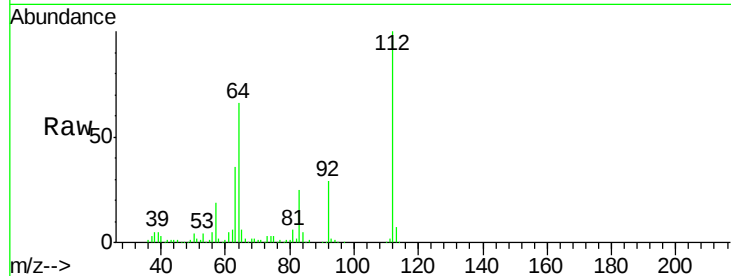
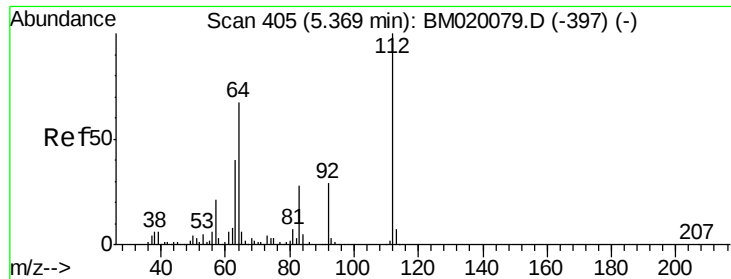
Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion:	42	Resp:	83618
Ion	Ratio	Lower	Upper
42	100		
74	187.3	113.7	170.5#
44	10.6	3.9	5.9#





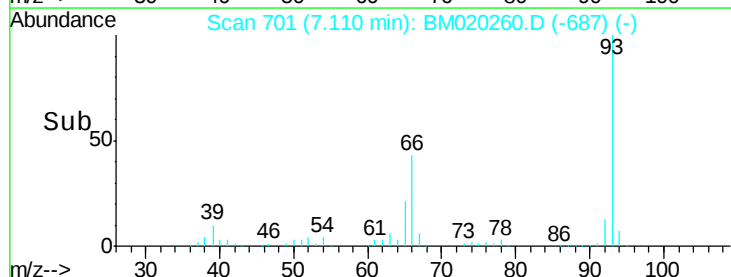
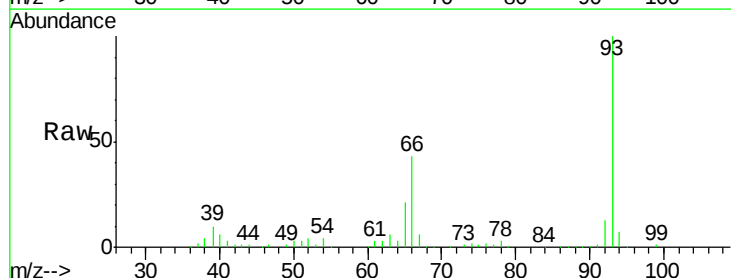
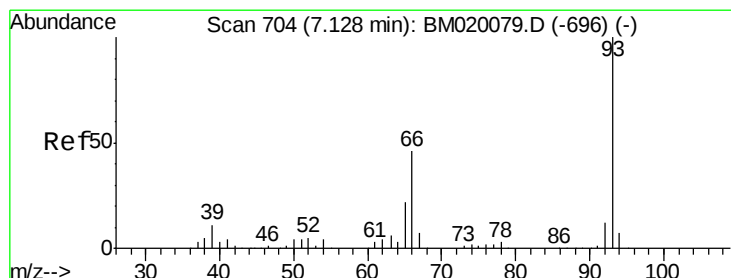
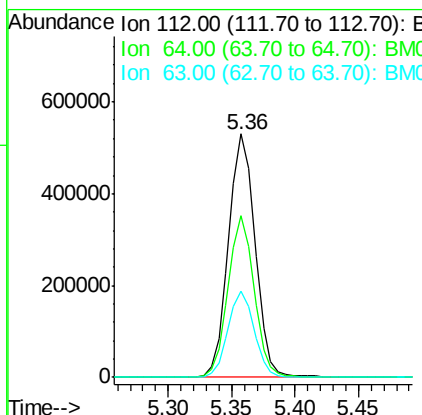
#5
2-Fluorophenol
Concen: 132.583 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	772922		
64	66.2	53.8	80.6	
63	35.5	32.3	48.5	

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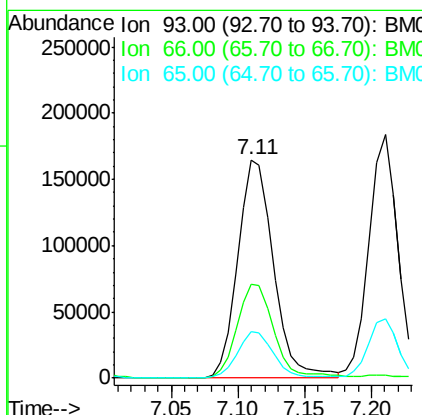
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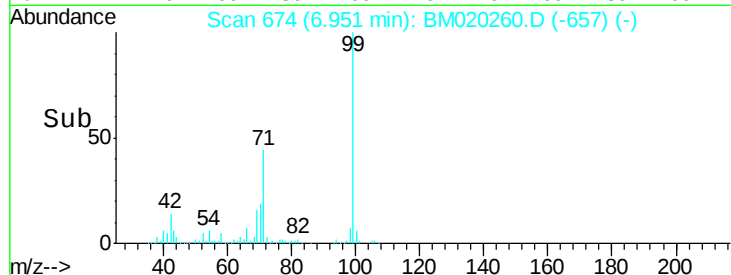
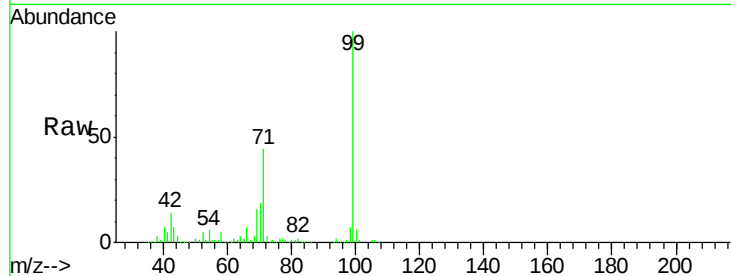
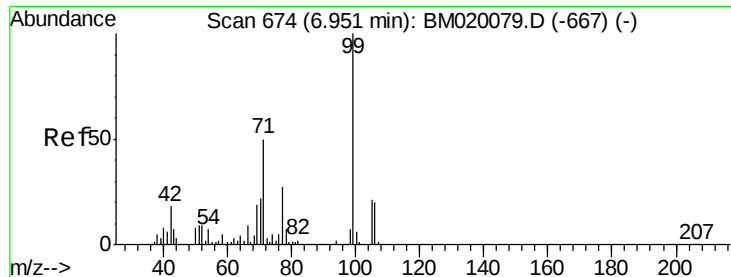
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#6
Aniline
Concen: 30.620 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	306977		
66	43.0	36.6	54.8	
65	21.3	17.8	26.6	





#7

Phenol-d6

Concen: 136.974 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion: 99 Resp: 1090890

Ion Ratio Lower Upper

99 100

42 13.9 14.2 21.2#

71 43.6 40.3 60.5

Instrument :

BNA_M

ClientSampleId :

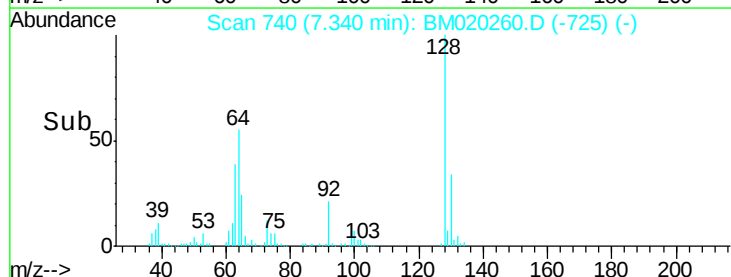
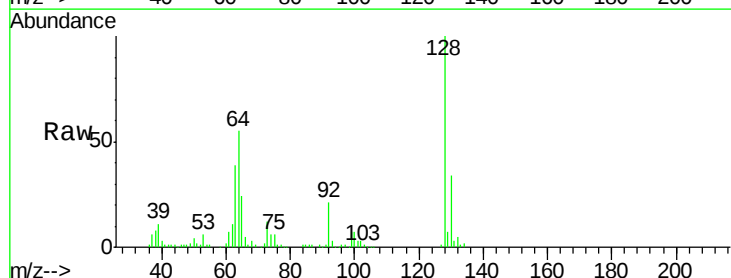
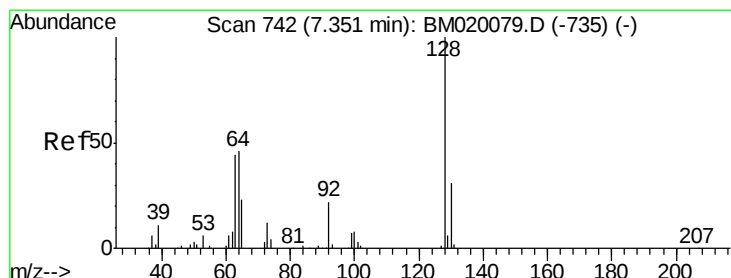
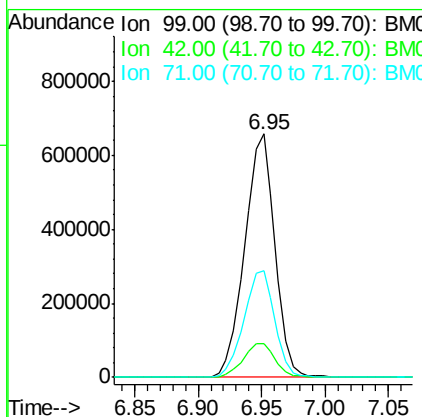
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#8

2-Chlorophenol

Concen: 43.135 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

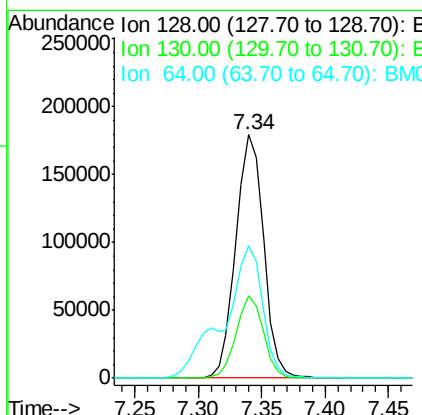
Tgt Ion: 128 Resp: 273805

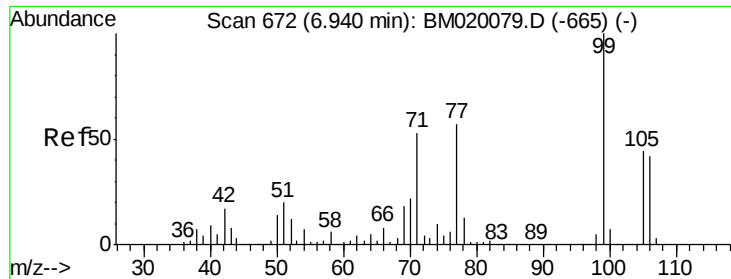
Ion Ratio Lower Upper

128 100

130 33.6 10.8 50.8

64 54.6 36.5 76.5





#9

Benzaldehyde

Concen: 25.842 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

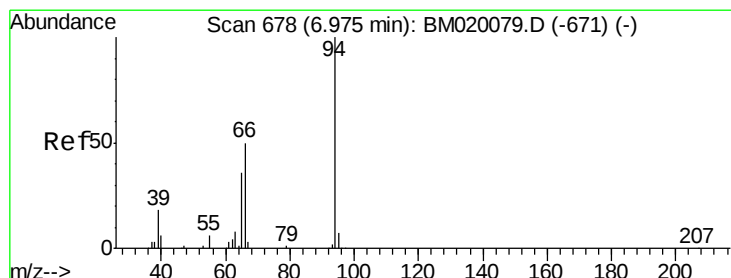
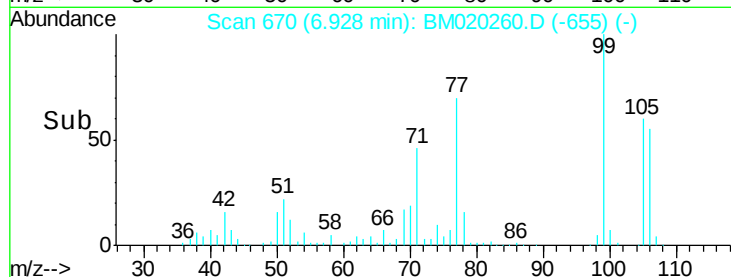
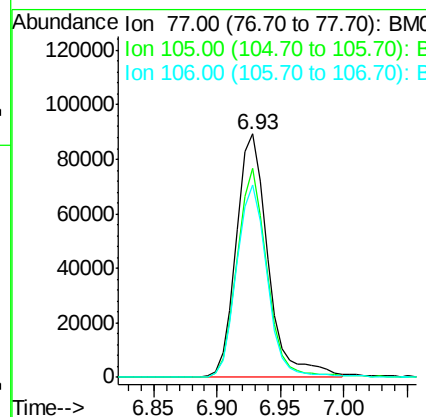
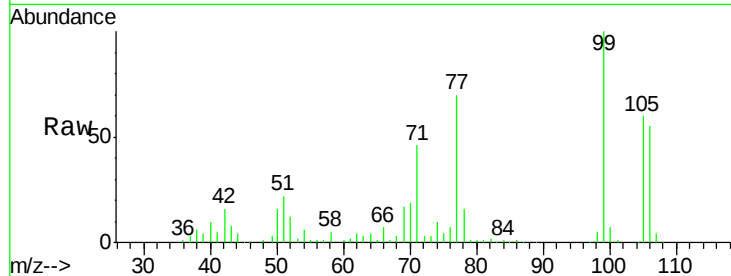
ClientSampleId :

RBR-200035MSD

Tgt Ion:	77	Resp:	155772
Ion Ratio	Lower	Upper	
77	100		
105	85.6	57.8	97.8
106	79.0	53.6	93.6

Manual Integrations
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#10

Phenol

Concen: 44.600 ng

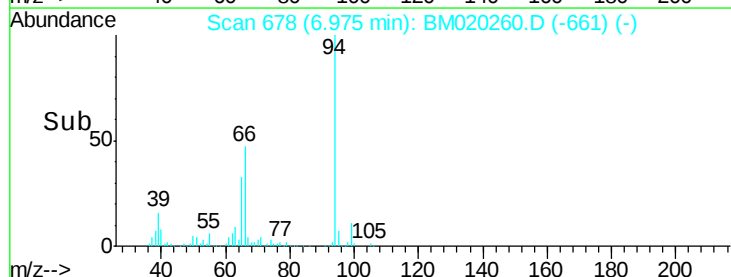
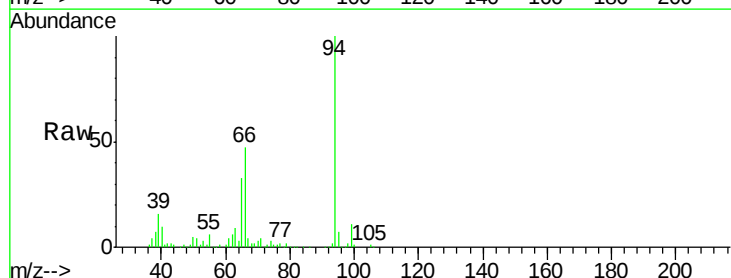
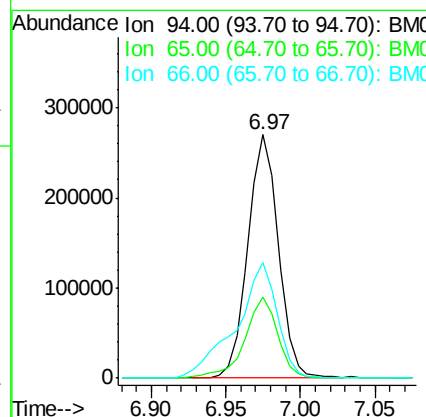
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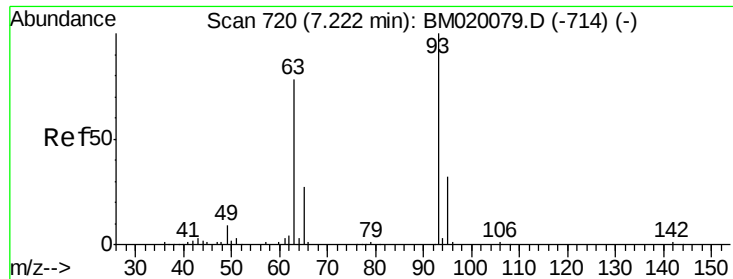
Delta R.T. -0.00 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion:	94	Resp:	382391
Ion Ratio	Lower	Upper	
94	100		
65	33.3	17.0	57.0
66	47.4	34.5	74.5





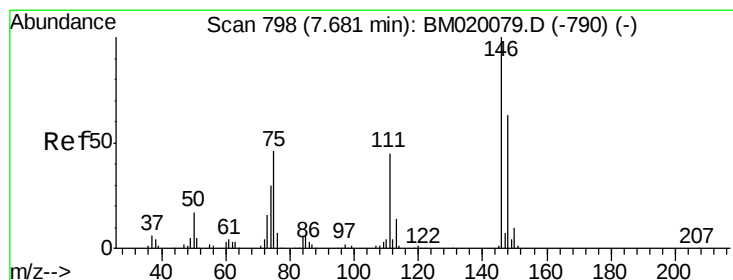
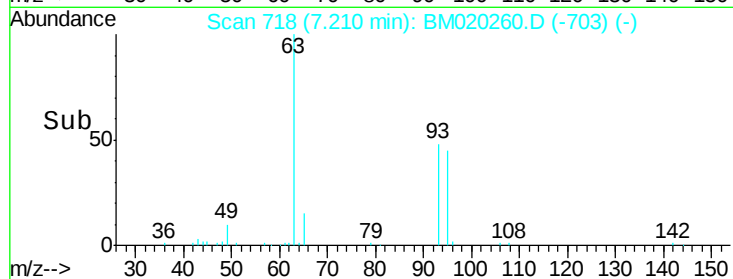
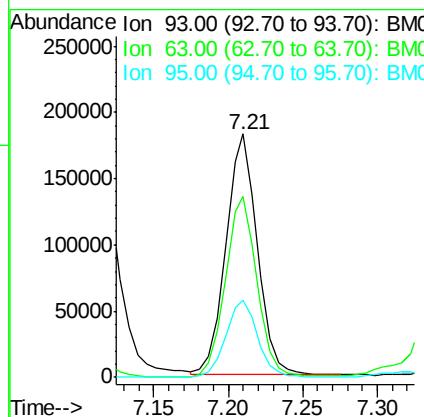
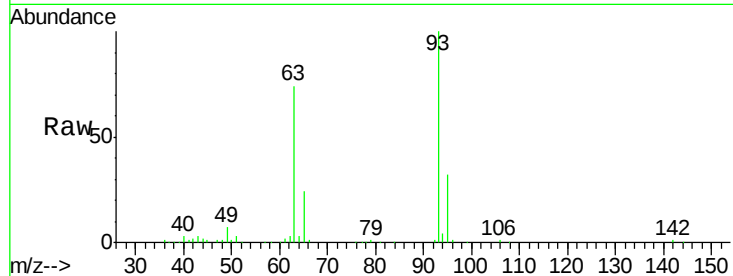
#11
bis(2-Chloroethyl)ether
Concen: 42.750 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	266398		
63	74.4	57.9	97.9	
95	31.9	11.3	51.3	

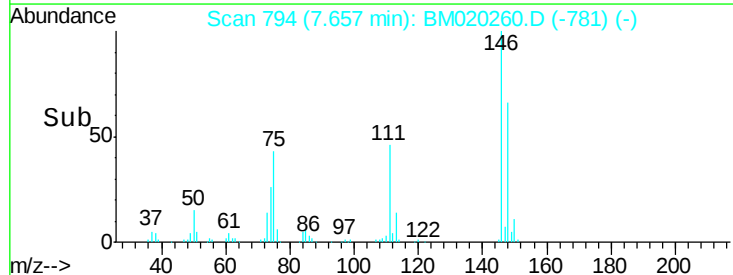
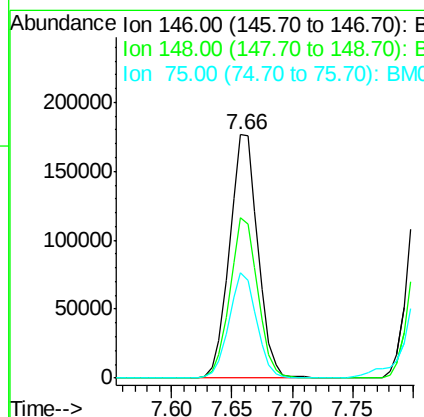
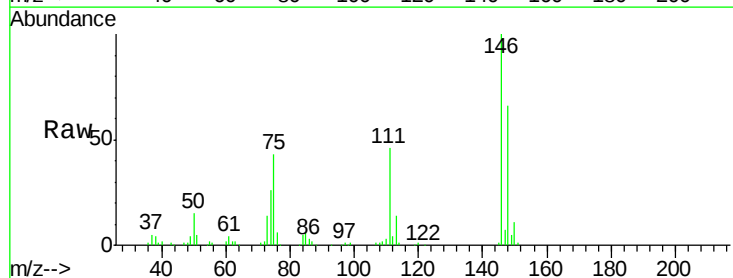
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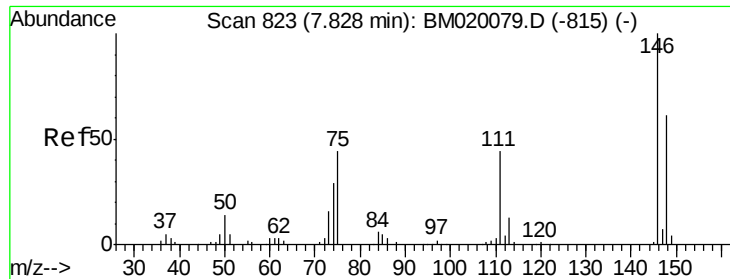
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.055 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	288436		
148	65.9	50.1	75.1	
75	43.3	37.2	55.8	





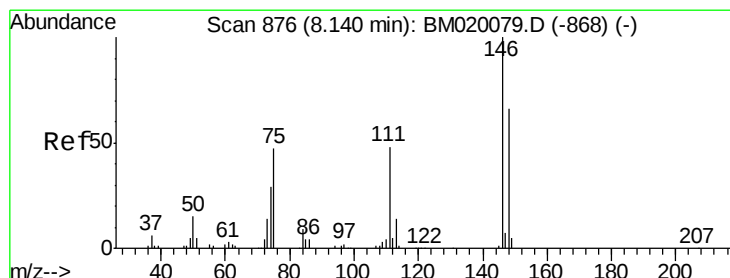
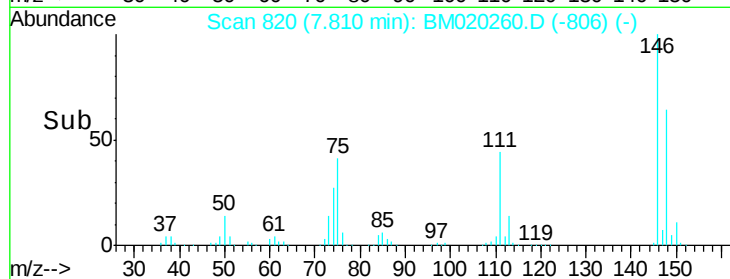
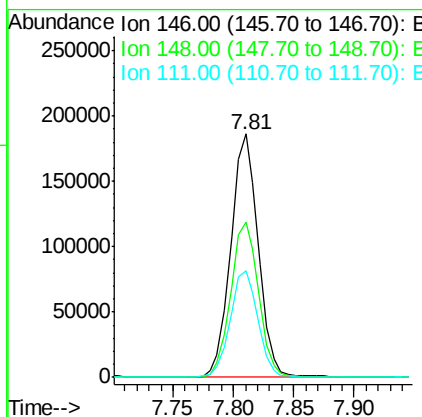
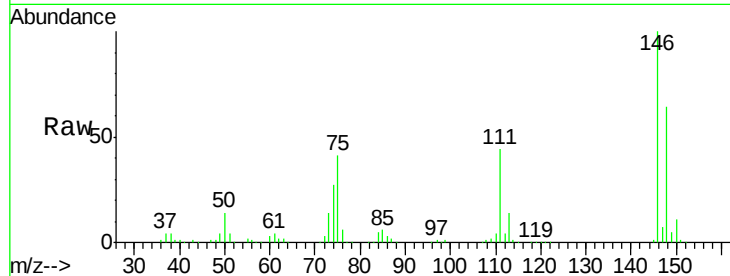
#13
 1,4-Dichlorobenzene
 Concen: 39.529 ng
 RT: 7.81 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	294913		
148	63.8	48.5	72.7	
111	43.8	35.7	53.5	

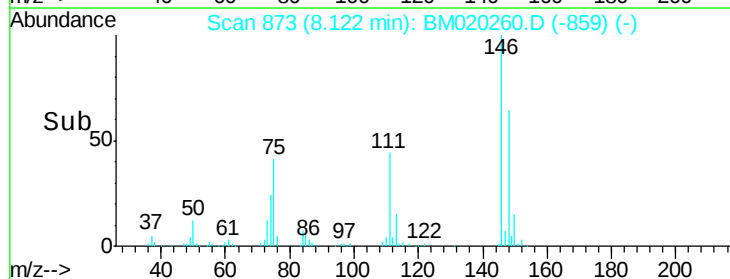
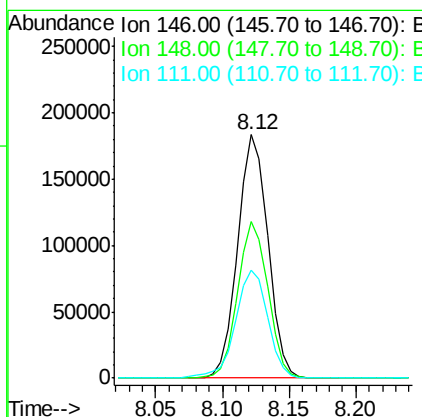
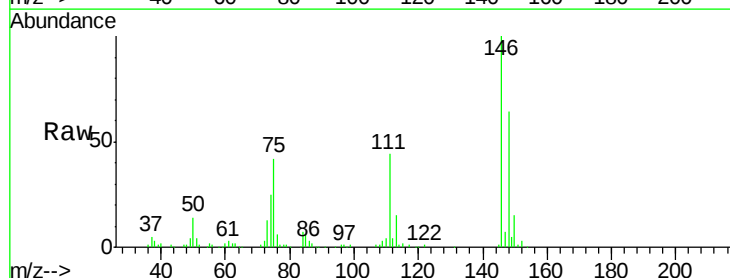
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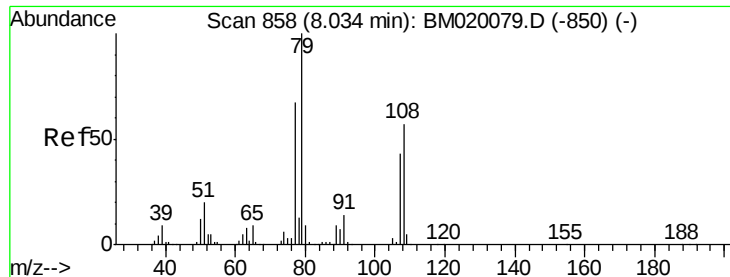
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.533 ng
 RT: 8.12 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	288109		
148	64.1	52.6	79.0	
111	44.4	39.0	58.4	





#15

Benzyl Alcohol

Concen: 39.808 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

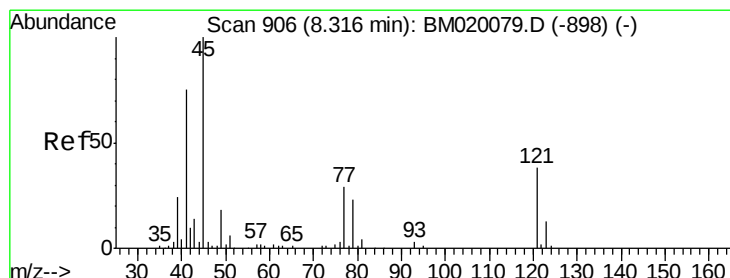
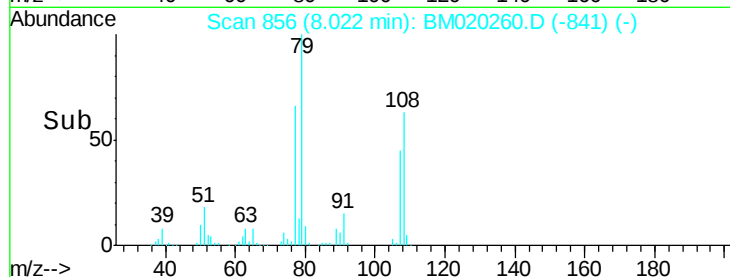
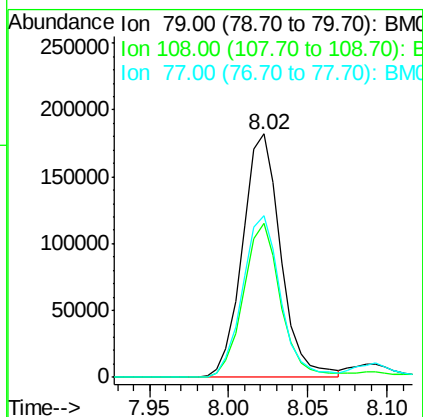
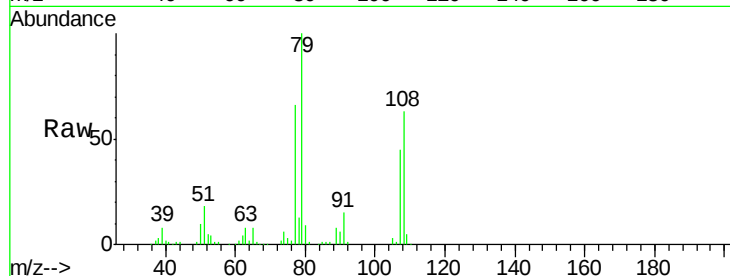
ClientSampleId :

RBR-200035MSD

Tgt Ion:	79	Resp:	305707
Ion	Ratio	Lower	Upper
79	100		
108	63.2	46.0	69.0
77	66.2	53.8	80.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.792 ng

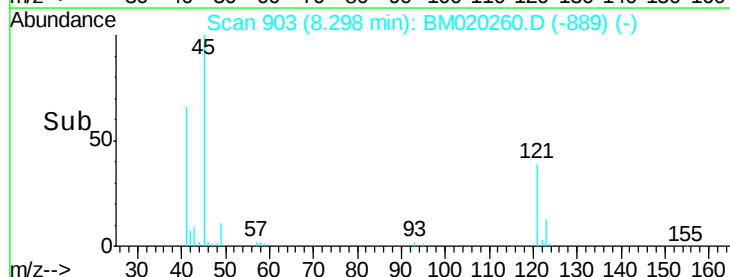
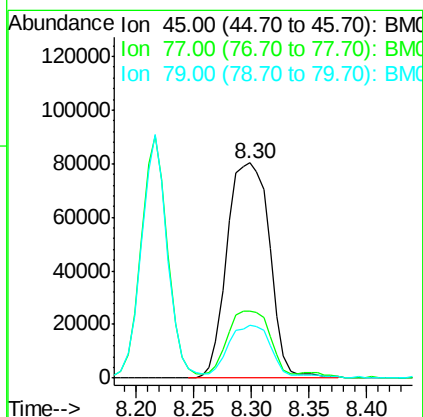
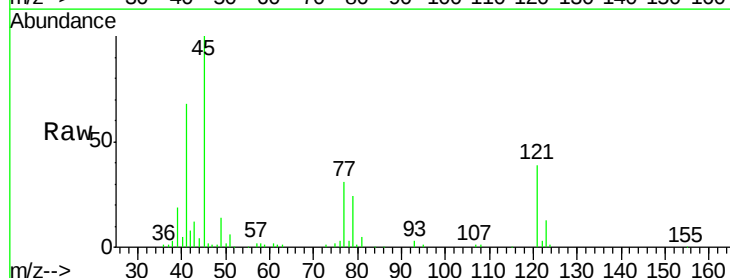
RT: 8.30 min Scan# 903

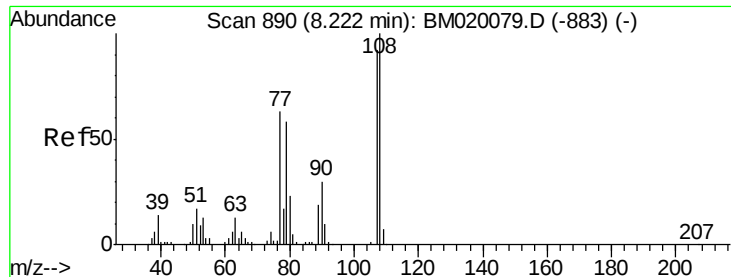
Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion:	45	Resp:	205614
Ion	Ratio	Lower	Upper
45	100		
77	30.9	10.5	50.5
79	24.3	3.3	43.3





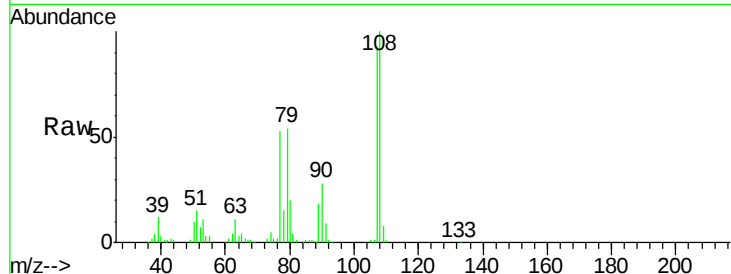
#17
2-Methylphenol
Concen: 44.785 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	247177		
108	107.3	87.0	130.4	
77	57.1	54.7	82.1	
79	57.5	50.1	75.1	

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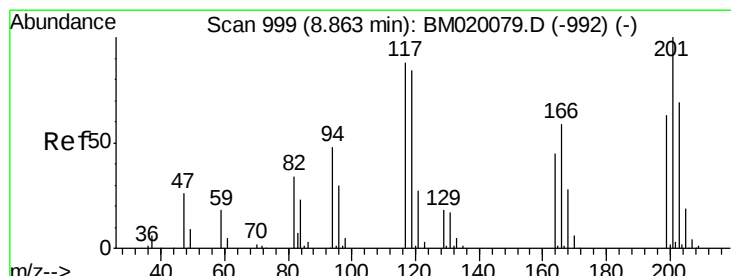
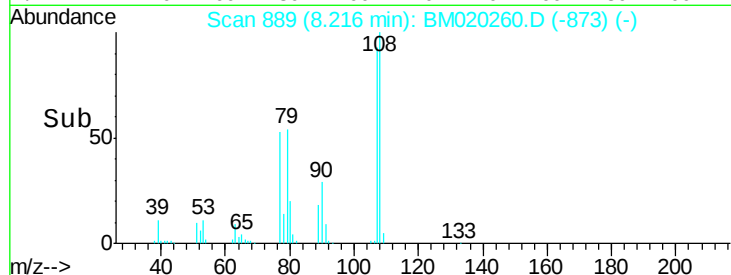
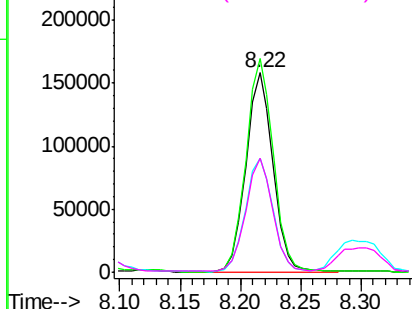
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

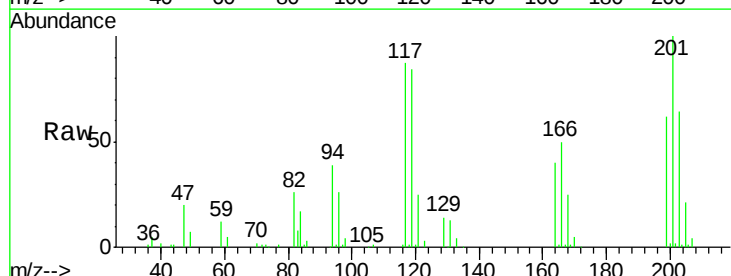
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 34.366 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106909		
119	97.2	76.6	114.8	
201	115.3	90.7	136.1	

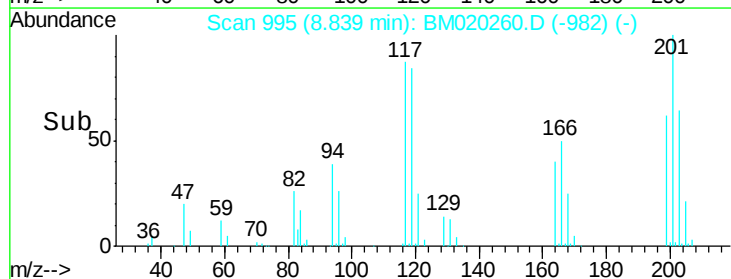
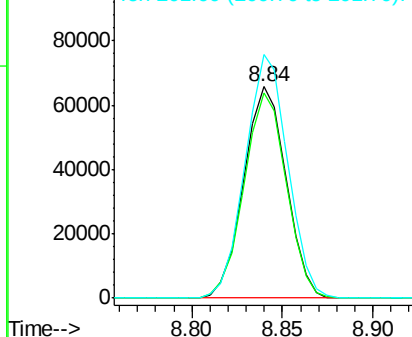


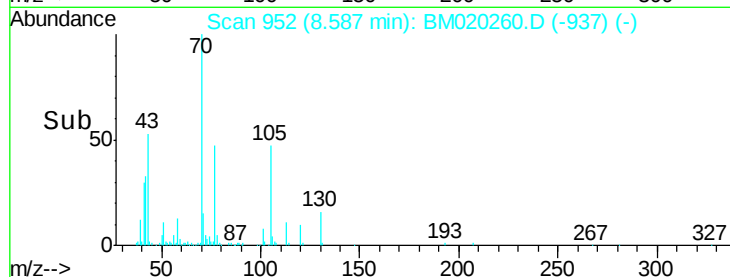
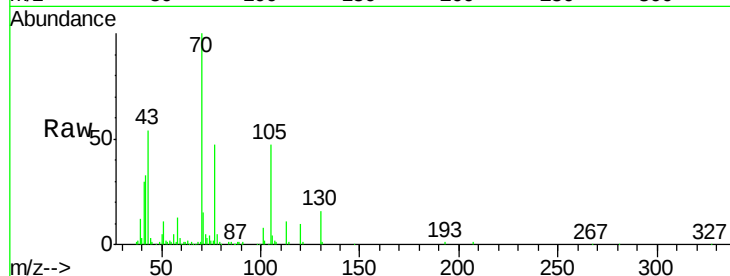
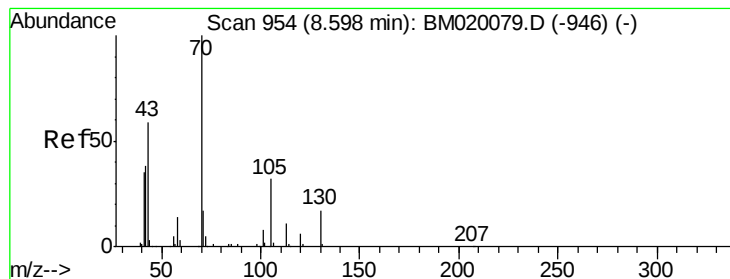
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.193 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	267050		
42	33.4	31.0	46.4	
101	8.5	6.2	9.2	
130	16.1	13.5	20.3	

Instrument :

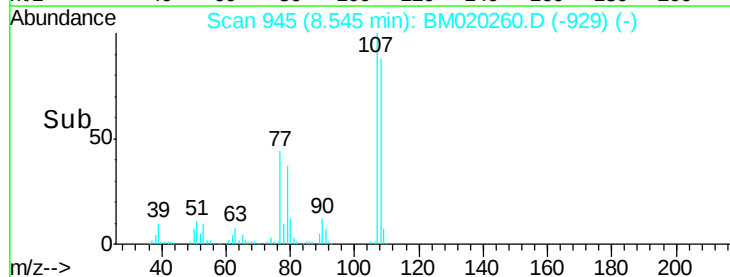
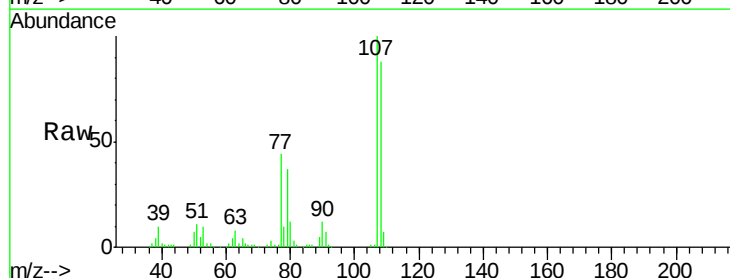
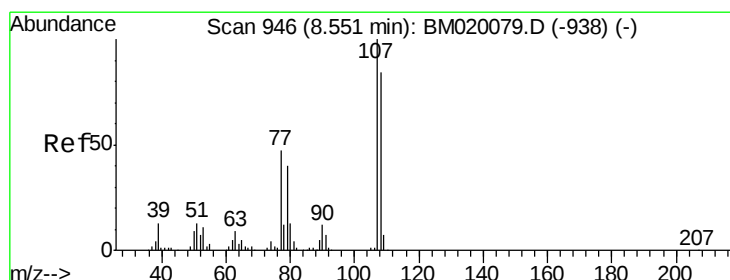
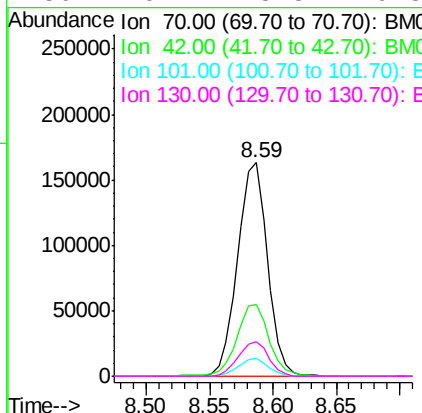
BNA_M

ClientSampleId :

RBR-200035MSD

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#20

3+4-Methylphenols

Concen: 45.025 ng

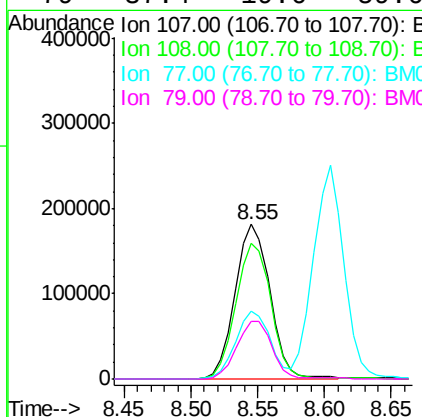
RT: 8.55 min Scan# 945

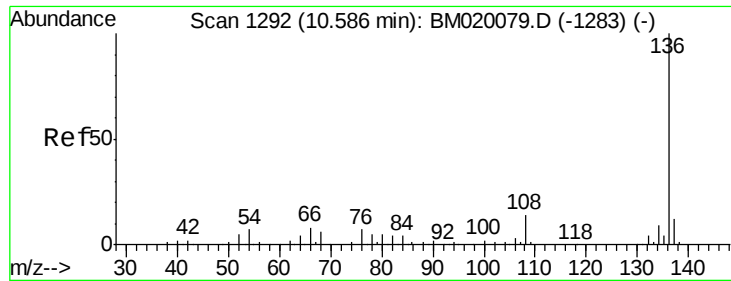
Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	330272		
108	87.8	64.4	104.4	
77	43.8	27.2	67.2	
79	37.4	19.6	59.6	





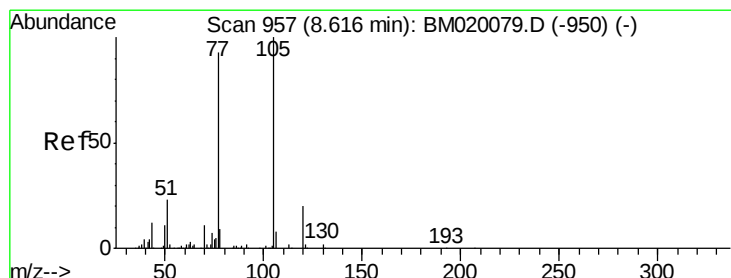
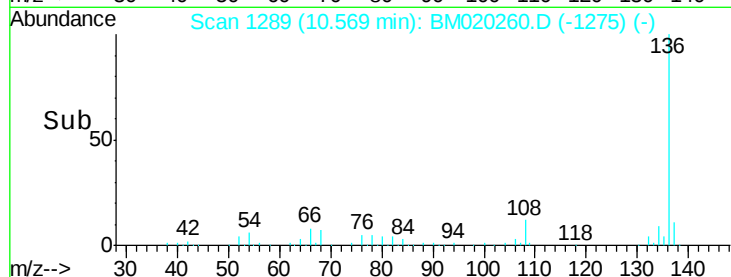
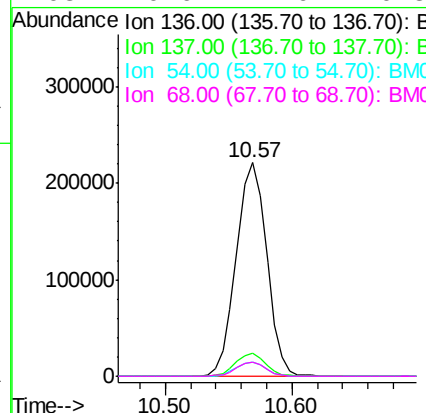
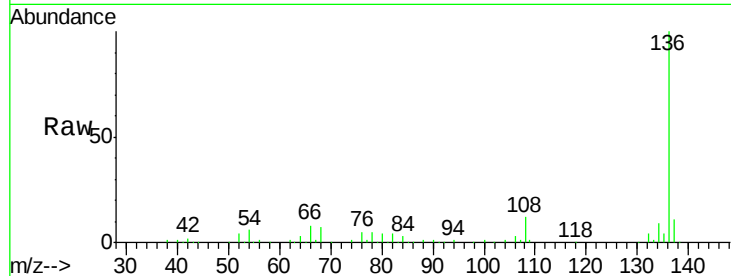
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	369380		
137	10.9		9.6	14.4
54	6.4		5.5	8.3
68	6.6		4.6	6.8

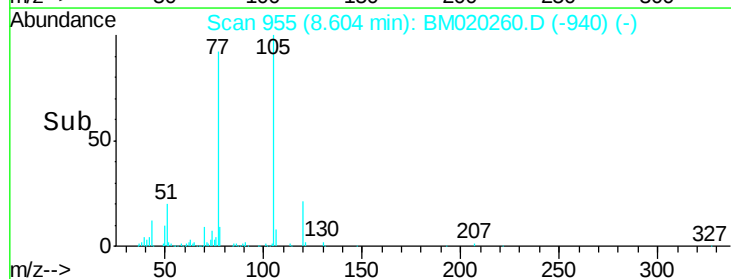
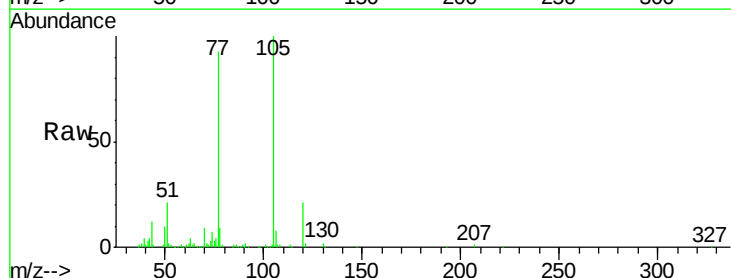
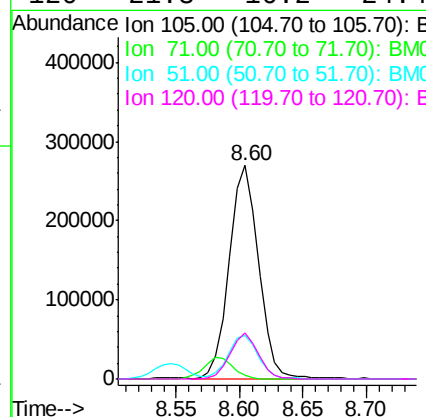
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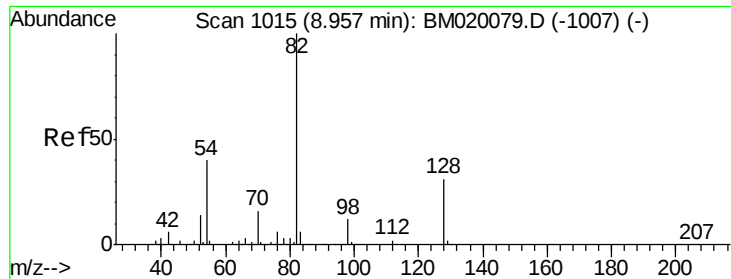
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#22
Acetophenone
Concen: 42.460 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	428645		
71	1.6		2.2	3.2#
51	20.5		19.3	28.9
120	21.3		16.2	24.4





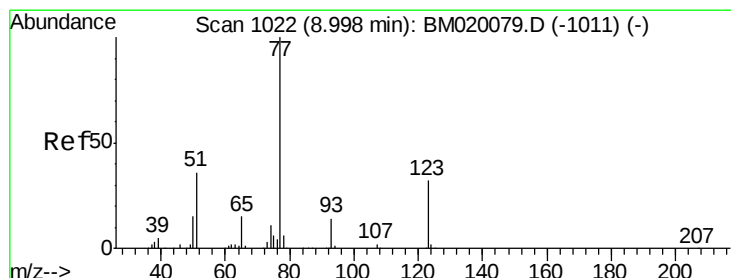
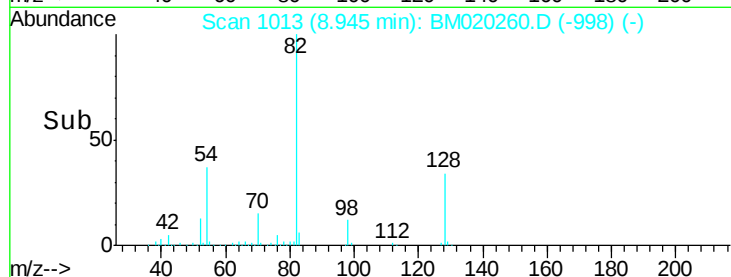
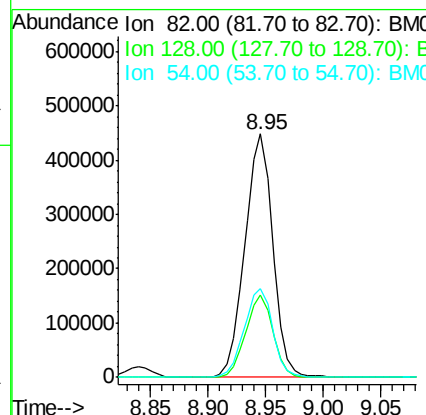
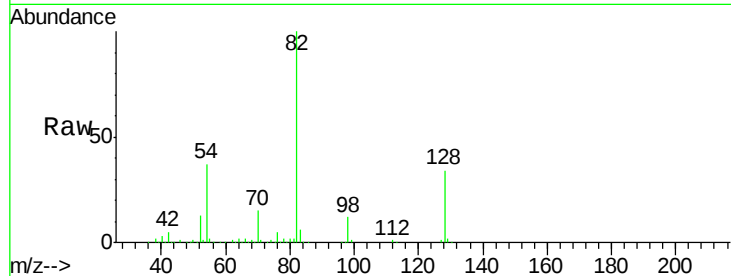
#23
 Nitrobenzene-d5
 Concen: 80.603 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	25.2	37.8
54	36.6	31.9	47.9

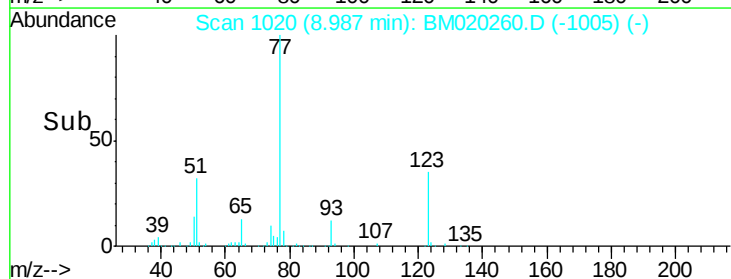
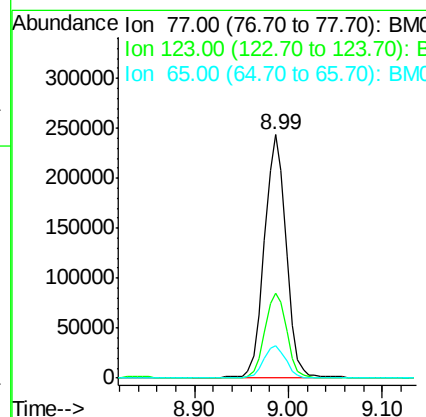
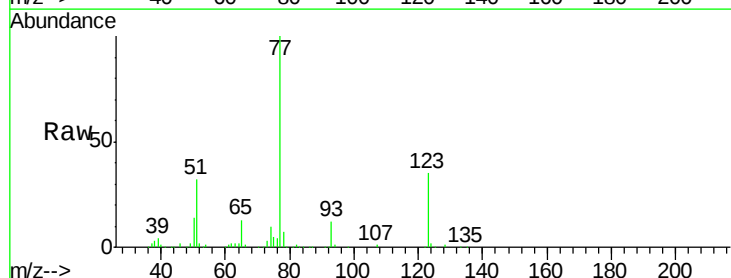
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#24
 Nitrobenzene
 Concen: 40.523 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.0	25.5	38.3
65	13.3	11.8	17.6





#25

Isophorone

Concen: 42.431 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

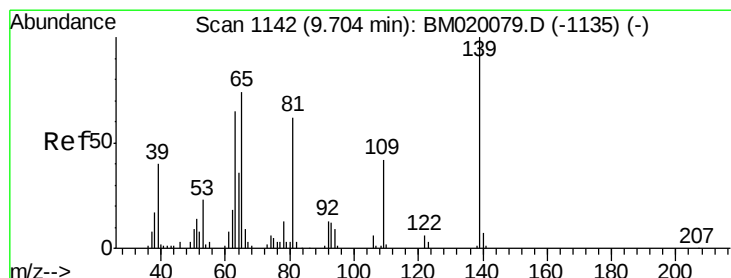
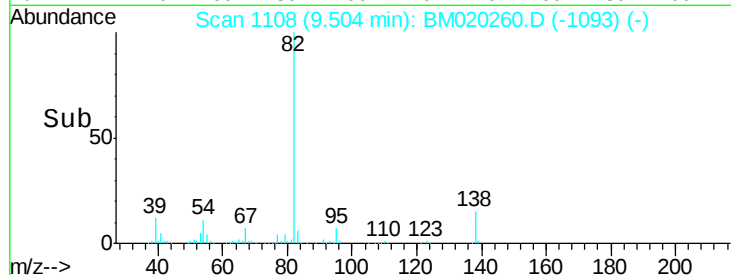
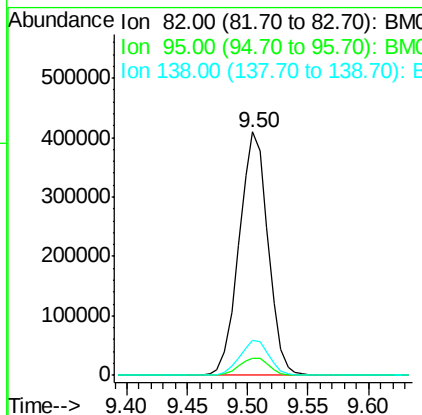
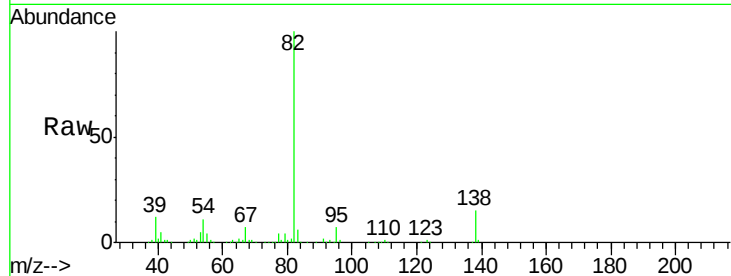
ClientSampled :

RBR-200035MSD

Tgt Ion:	82	Resp:	684603
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.4	9.6
138	14.6	11.1	16.7

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#26

2-Nitrophenol

Concen: 51.631 ng

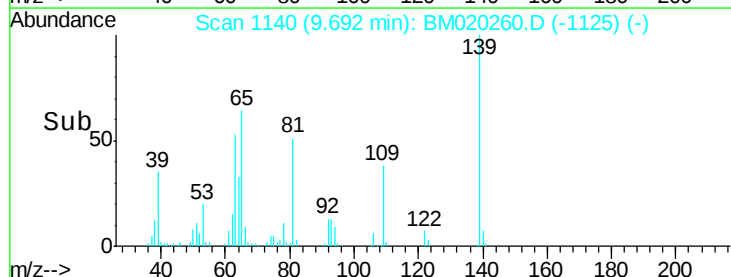
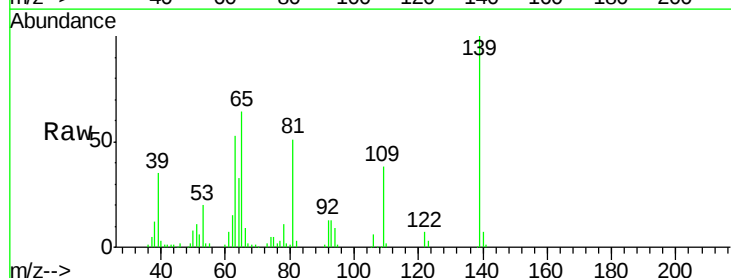
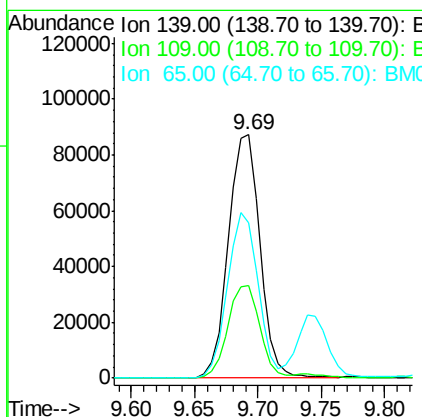
RT: 9.69 min Scan# 1140

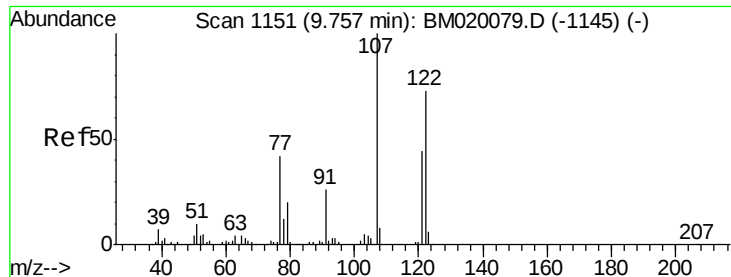
Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion:	139	Resp:	151210
Ion Ratio	Lower	Upper	
139	100		
109	37.9	33.7	50.5
65	63.9	59.5	89.3





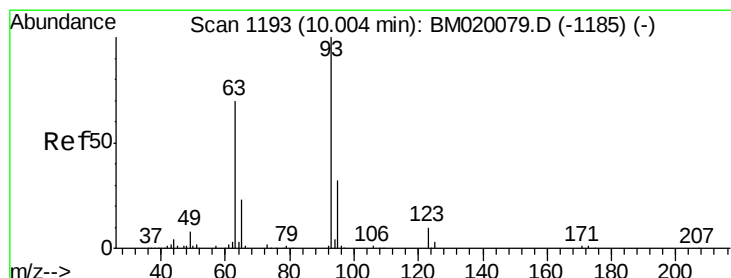
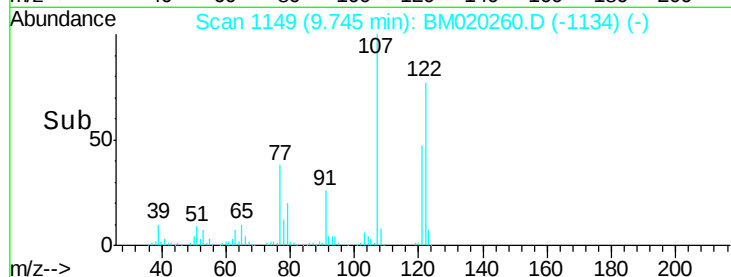
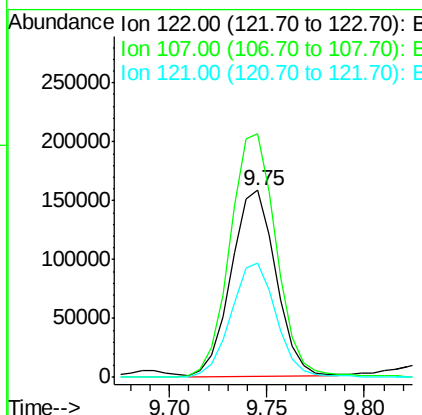
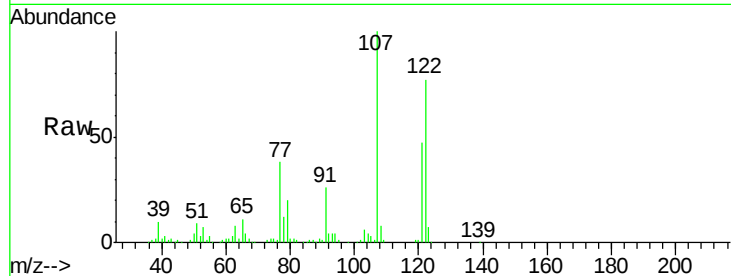
#27
2,4-Dimethylphenol
Concen: 51.122 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.2	108.6	162.8
121	61.2	47.4	71.2

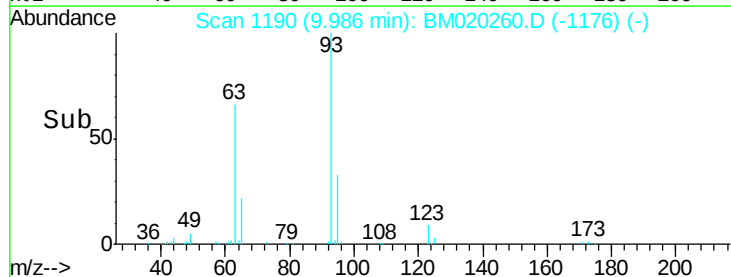
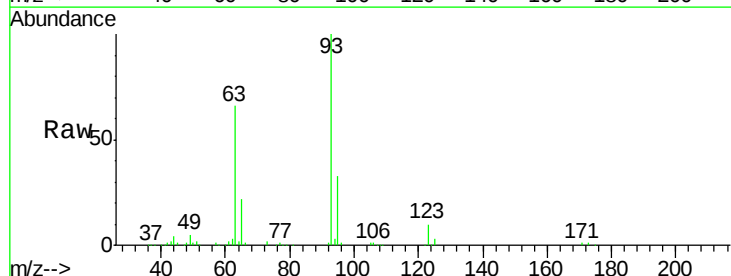
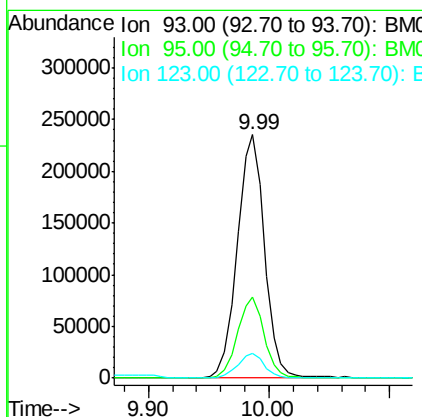
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 42.258 ng
RT: 9.99 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.5	38.3
123	10.3	7.6	11.4





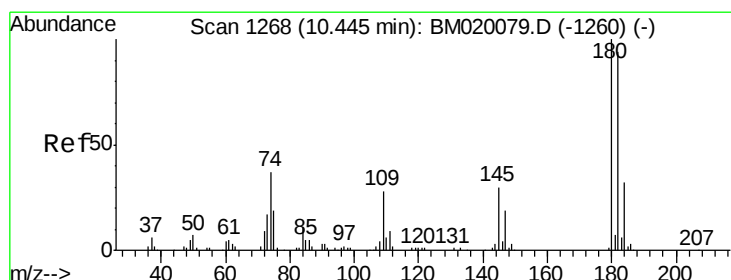
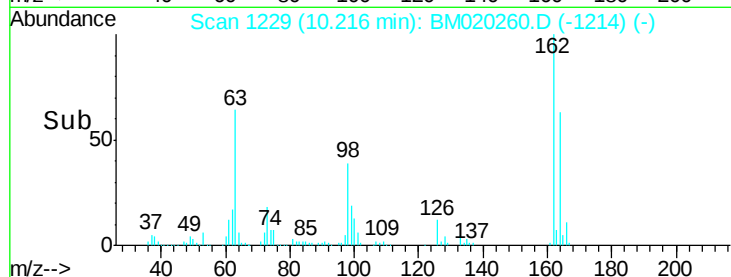
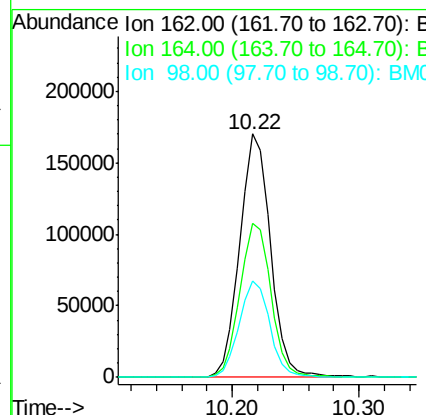
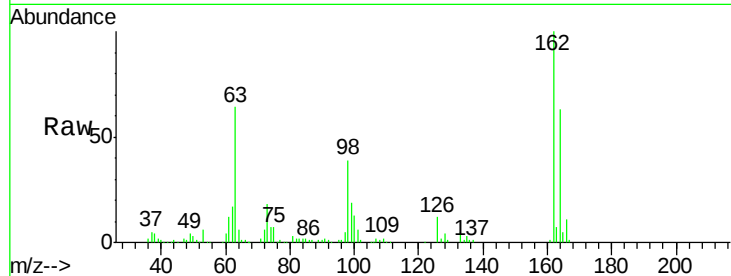
#29
2,4-Dichlorophenol
Concen: 46.563 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	286275		
164	63.1	45.6	85.6	
98	39.5	20.4	60.4	

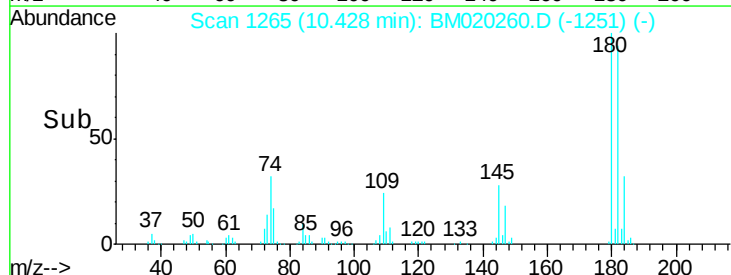
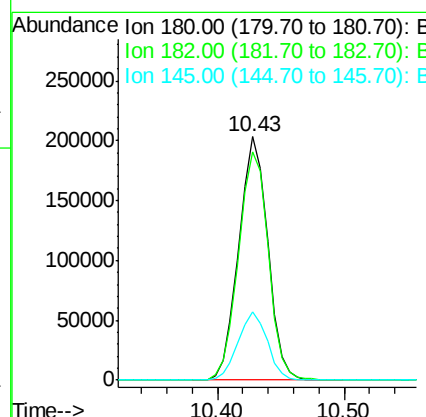
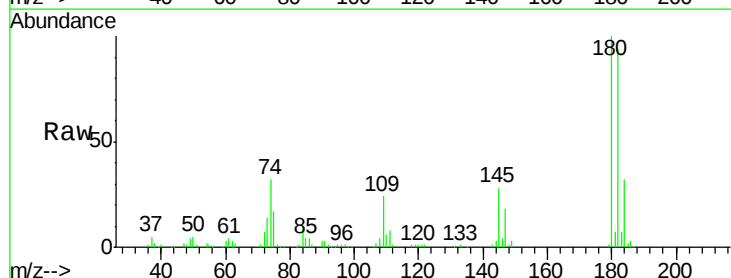
Manual Integrations
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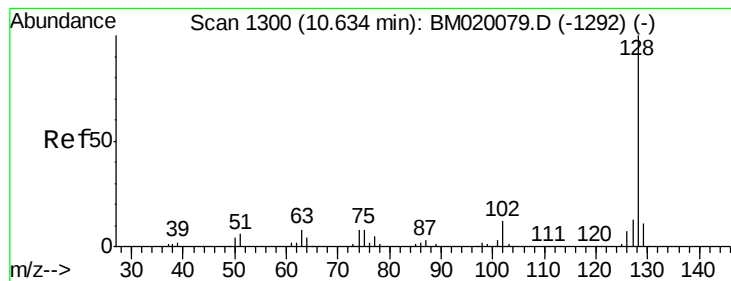
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.660 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	322724		
182	94.0	75.4	113.0	
145	27.8	23.8	35.8	





#31

Naphthalene

Concen: 43.302 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

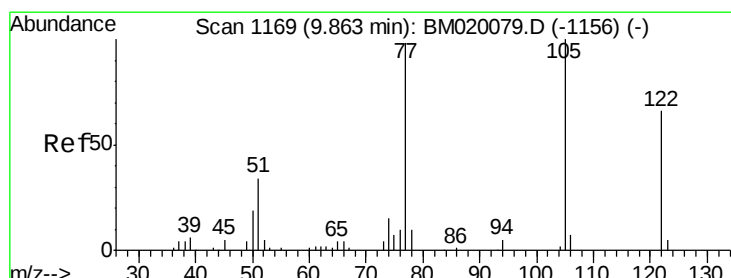
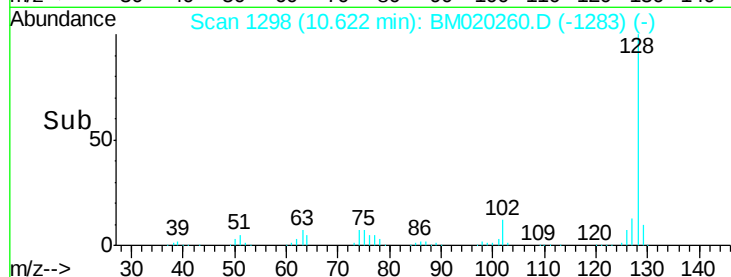
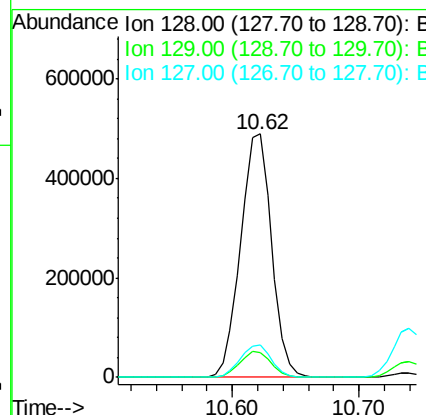
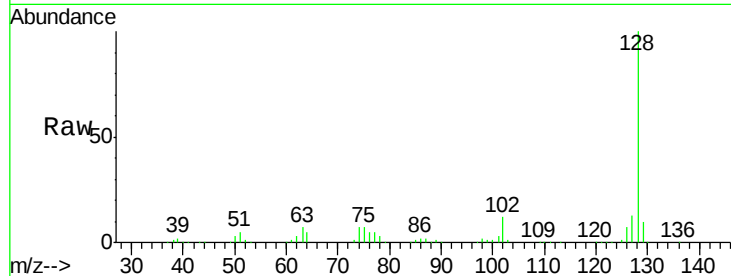
ClientSampleId :

RBR-200035MSD

Tgt Ion:	128	Resp:	830034
Ion Ratio	Lower	Upper	
128	100		
129	10.3	9.0	13.4
127	13.1	10.4	15.6

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#32

Benzoic acid

Concen: 40.015 ng

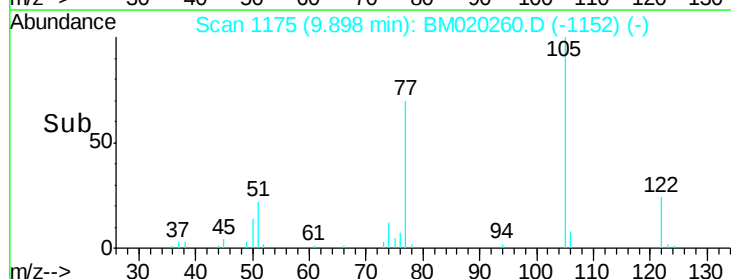
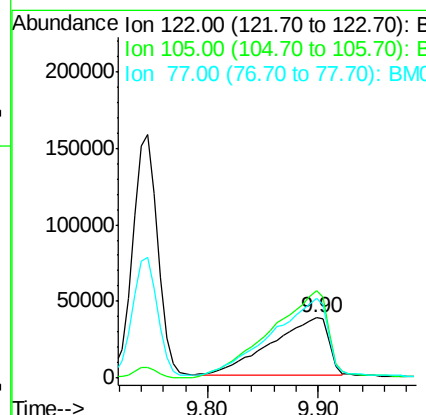
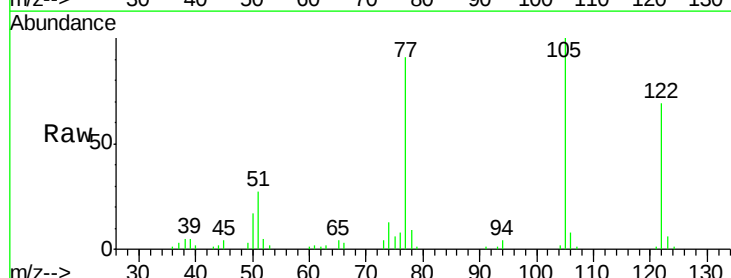
RT: 9.90 min Scan# 1175

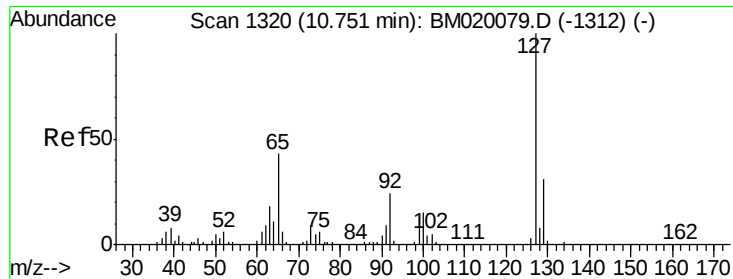
Delta R.T. 0.04 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion:	122	Resp:	134394
Ion Ratio	Lower	Upper	
122	100		
105	145.2	122.5	162.5
77	132.7	123.3	163.3





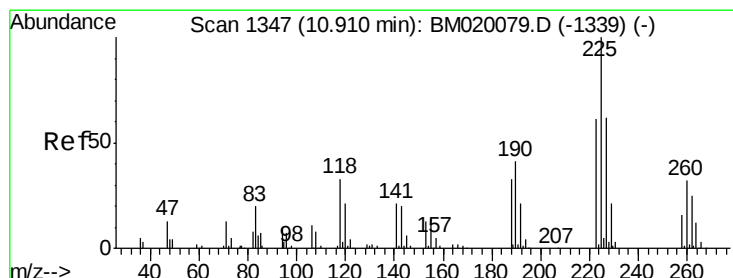
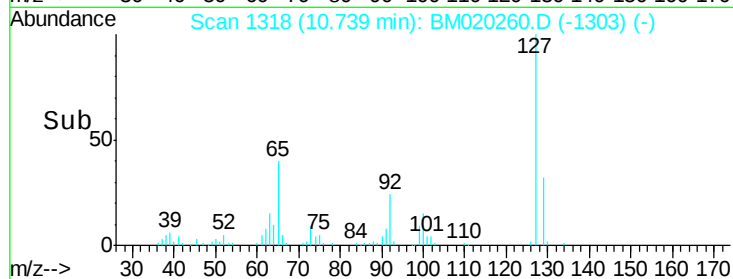
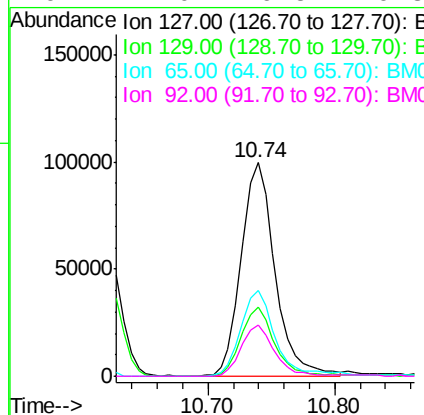
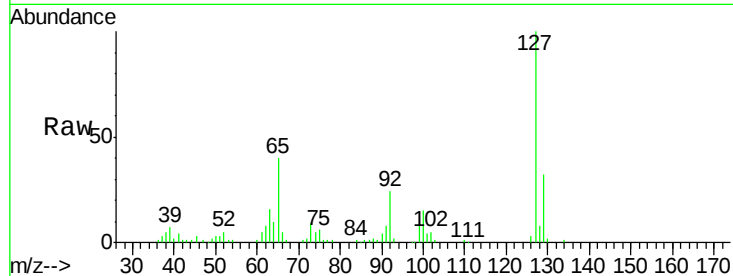
#33
4-Chloroaniline
Concen: 23.508 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampled :
RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	185466		
129	32.2	24.7	37.1	
65	40.0	34.6	52.0	
92	24.0	19.5	29.3	

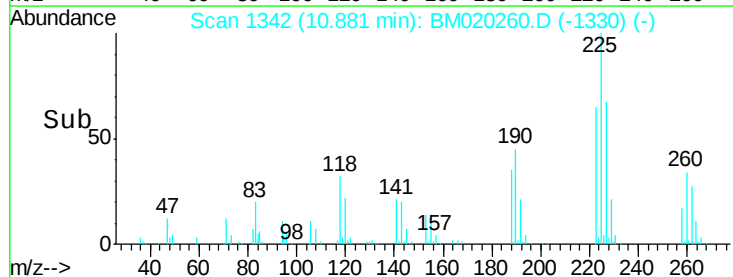
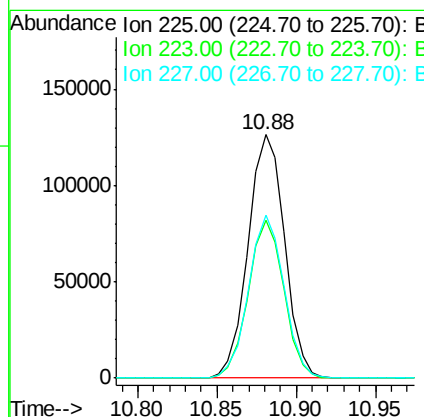
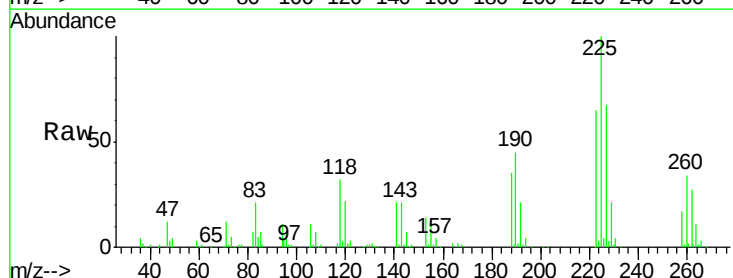
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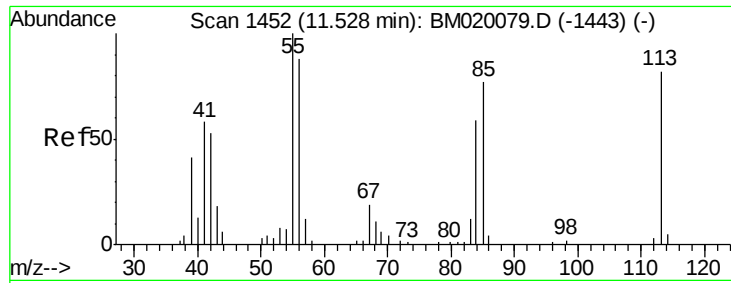
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#34
Hexachlorobutadiene
Concen: 37.887 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202753		
223	65.0	48.9	73.3	
227	66.9	49.6	74.4	





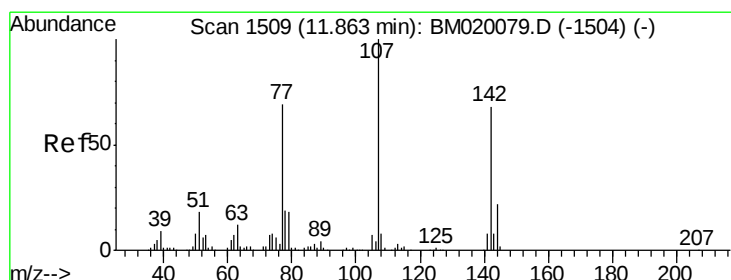
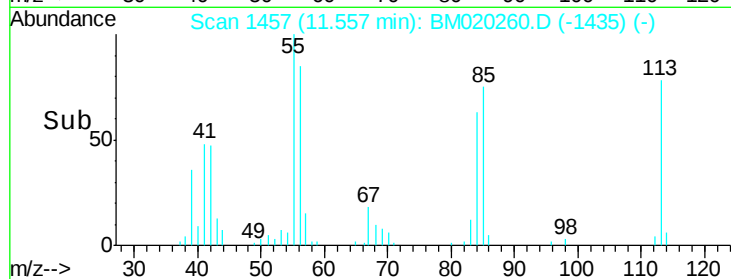
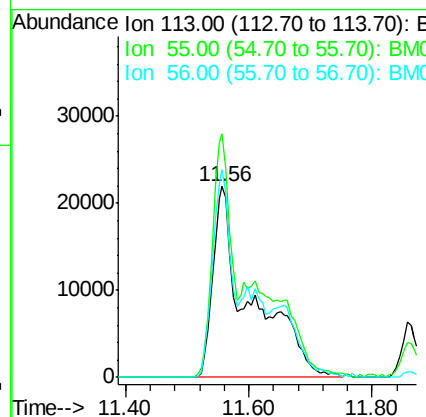
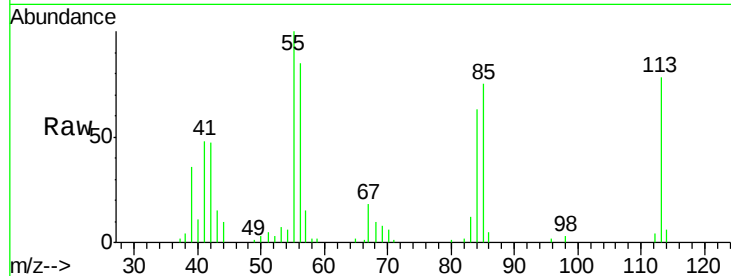
#35
 Caprolactam
 Concen: 50.237 ng m
 RT: 11.56 min Scan# 1457
 Delta R.T. 0.03 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	127.6	102.5	142.5
56	108.7	87.7	127.7

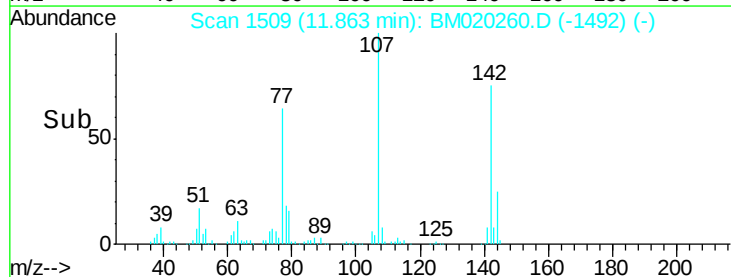
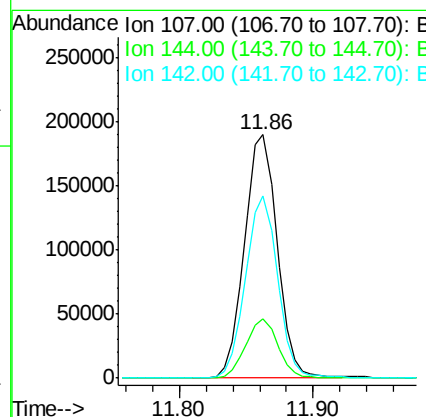
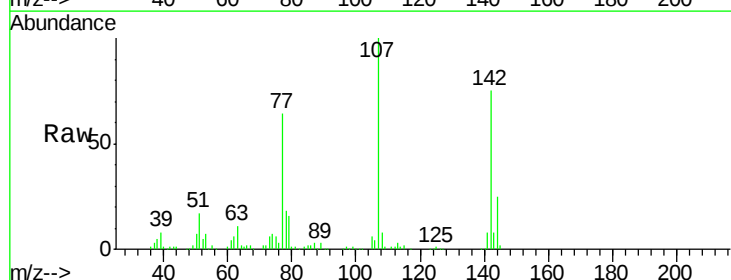
Manual Integrations
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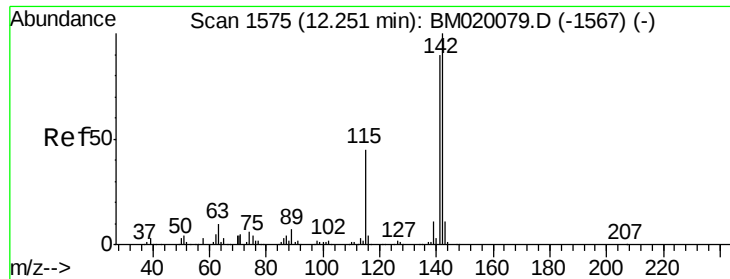
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.712 ng
 RT: 11.86 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	17.6	26.4
142	74.8	54.6	82.0





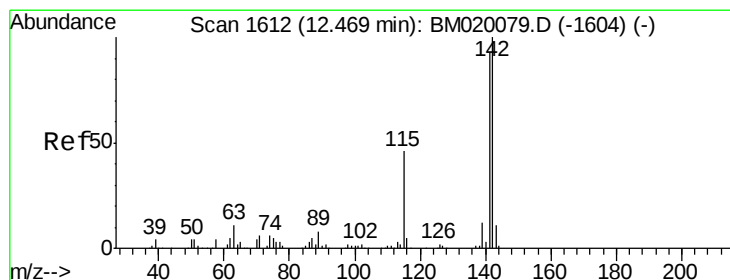
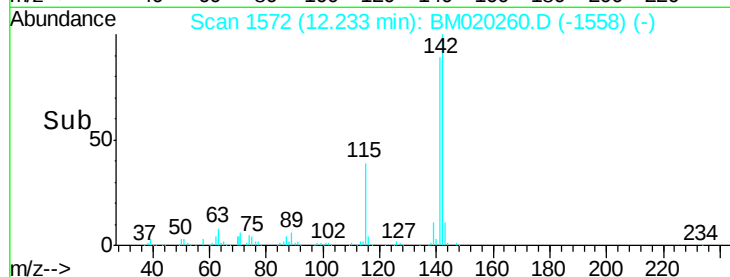
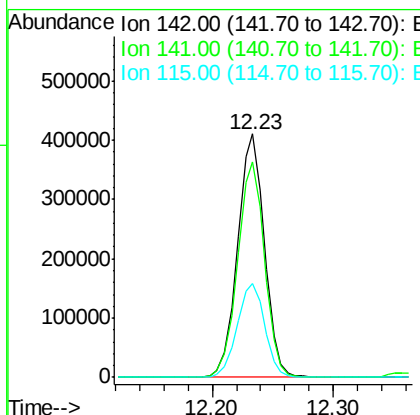
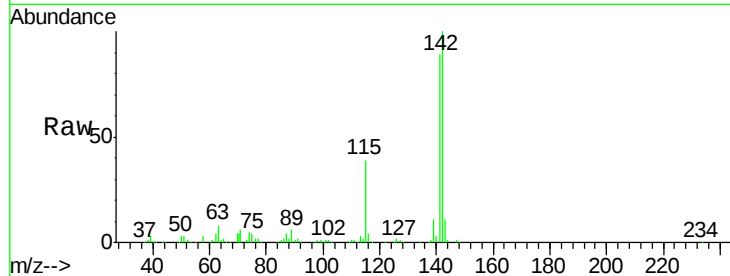
#37
2-Methylnaphthalene
Concen: 45.486 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.6	107.4
115	38.6	35.8	53.6

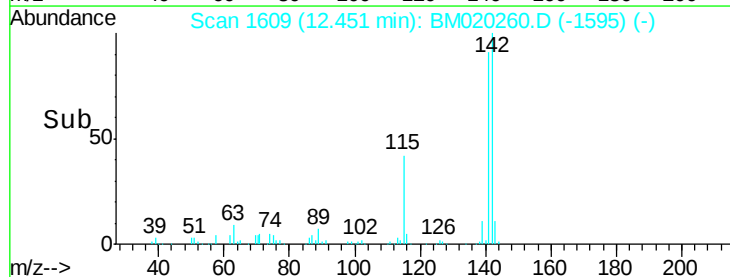
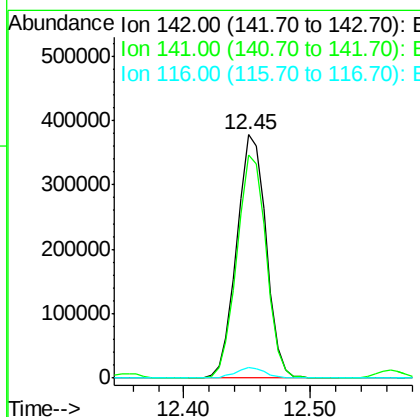
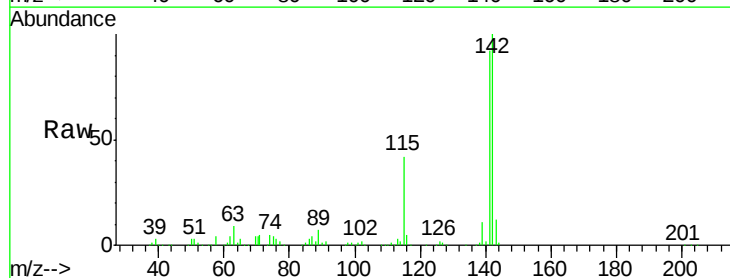
Manual Integrations
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#38
1-Methylnaphthalene
Concen: 44.372 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.8	112.2
116	4.5	3.9	5.9





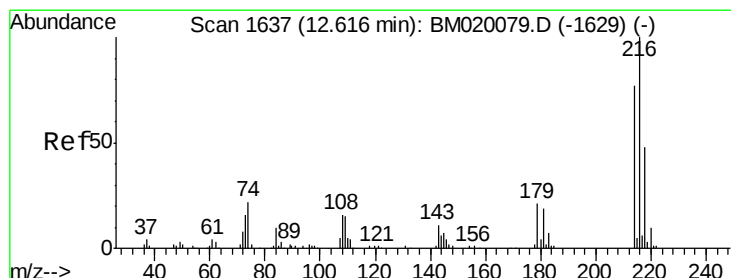
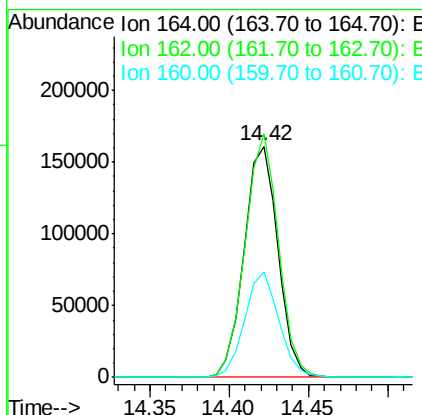
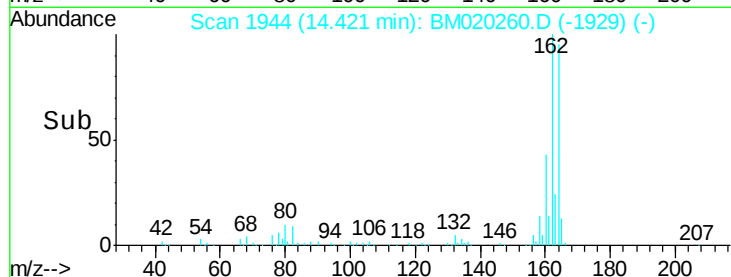
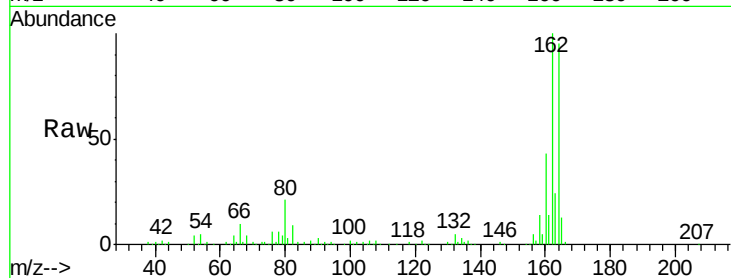
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	239239		
162	105.3	82.2	123.2	
160	45.5	37.6	56.4	

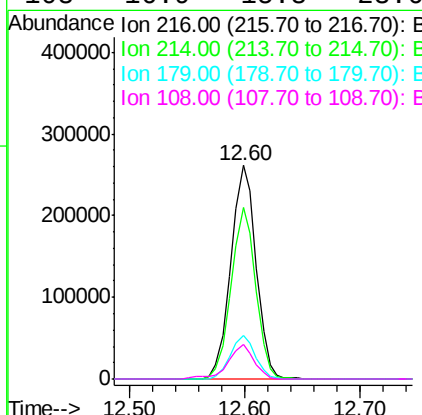
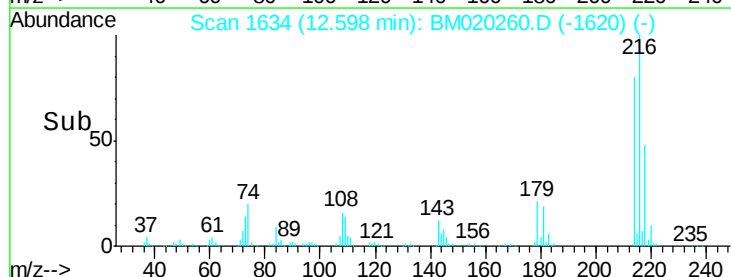
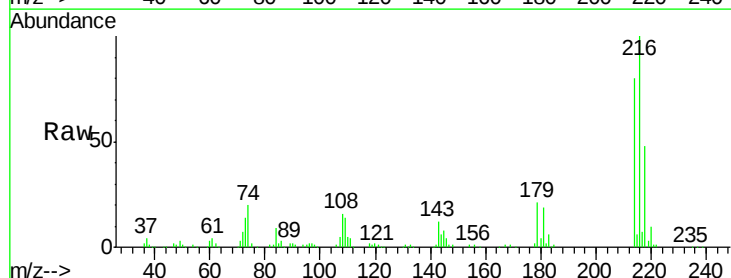
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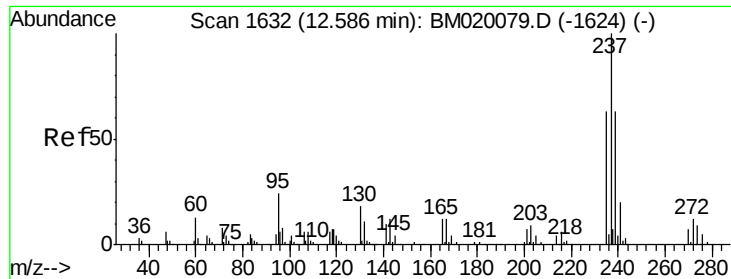
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.325 ng
RT: 12.60 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	396159		
214	78.3	62.6	94.0	
179	20.2	17.1	25.7	
108	16.9	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 29.969 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

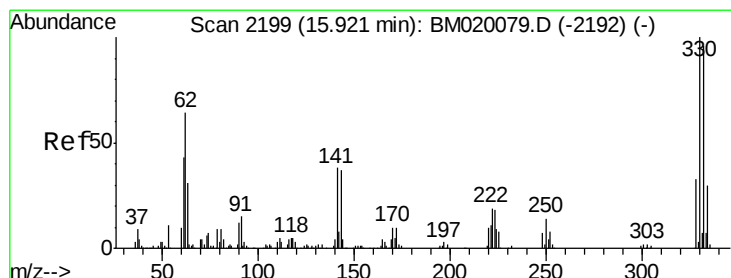
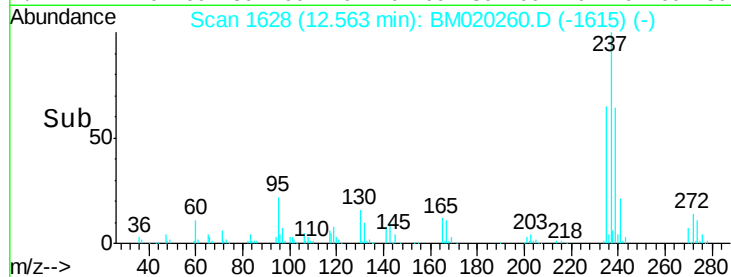
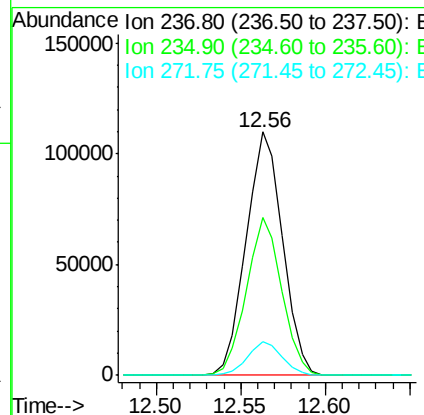
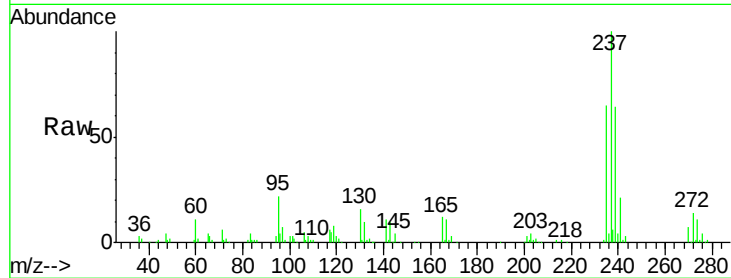
ClientSampleId :

RBR-200035MSD

Tgt Ion:	237	Resp:	165162
Ion Ratio	Lower	Upper	
237	100		
235	64.9	43.4	83.4
272	13.8	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 146.846 ng

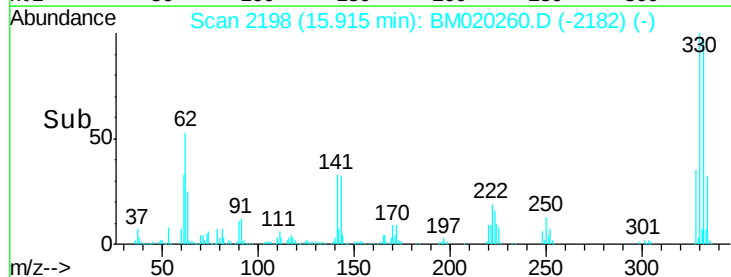
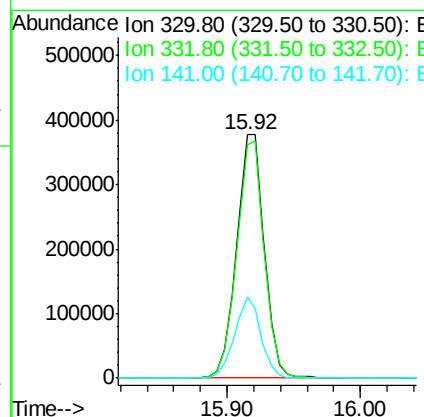
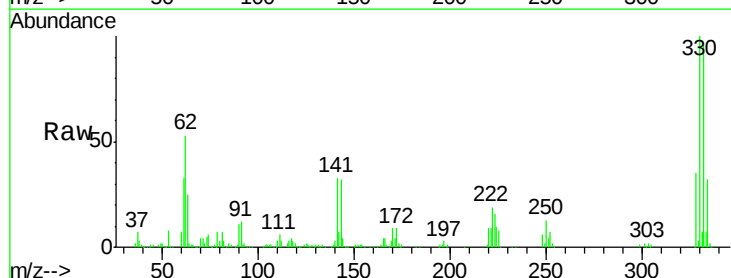
RT: 15.92 min Scan# 2198

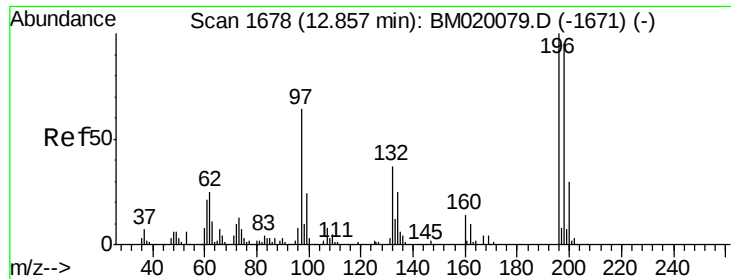
Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion:	330	Resp:	545304
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.8	115.2
141	31.9	29.2	43.8





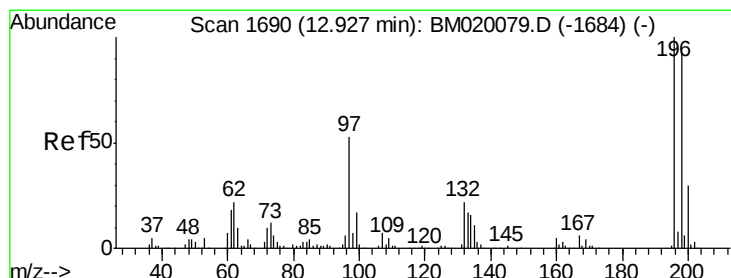
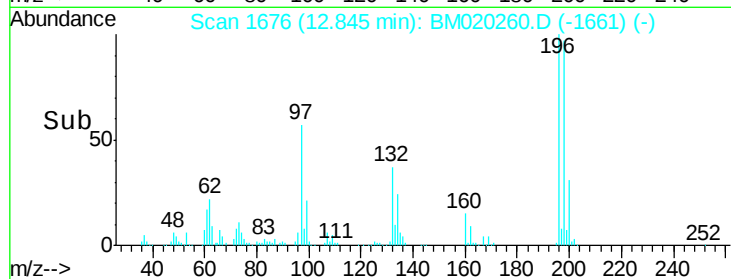
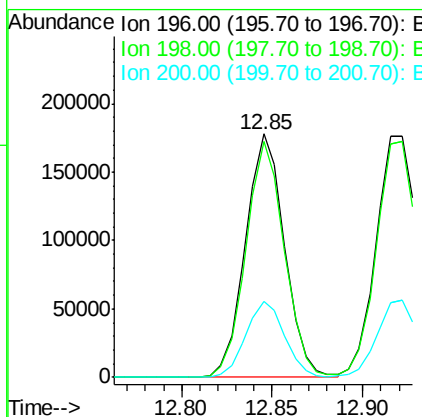
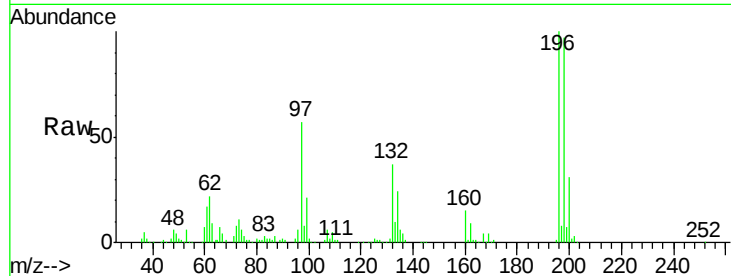
#43
 2,4,6-Trichlorophenol
 Concen: 50.212 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267101		
198	96.7	76.2	114.2	
200	31.1	24.3	36.5	

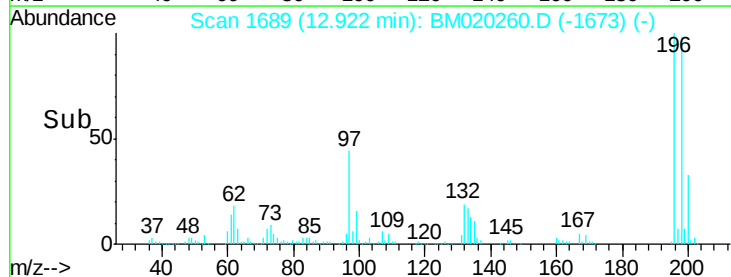
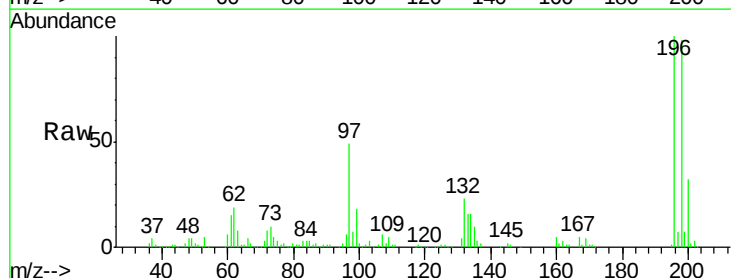
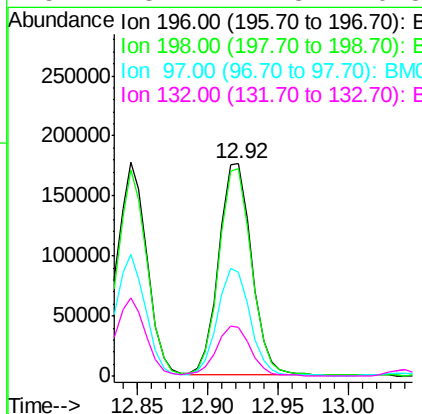
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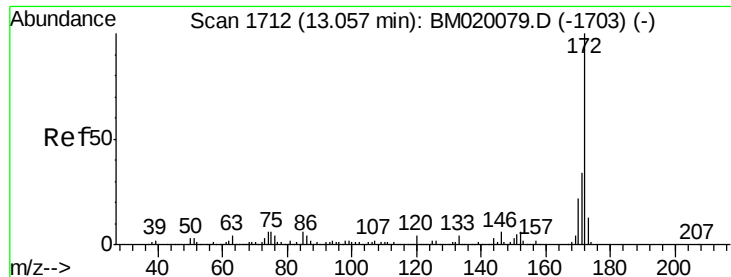
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#44
 2,4,5-Trichlorophenol
 Concen: 48.057 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285586		
198	97.6	74.7	112.1	
97	48.7	42.2	63.4	
132	23.1	17.8	26.8	





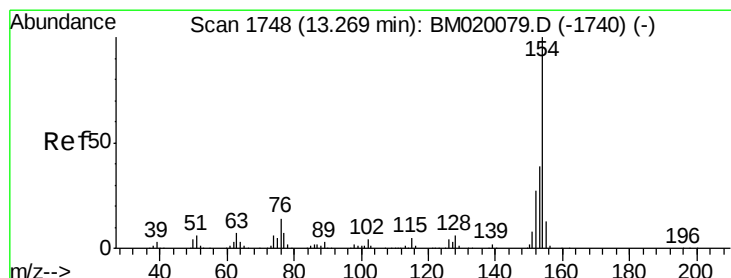
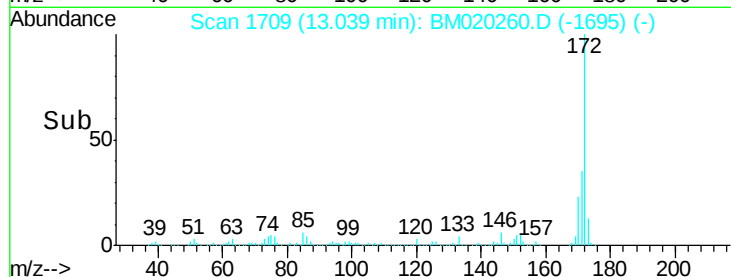
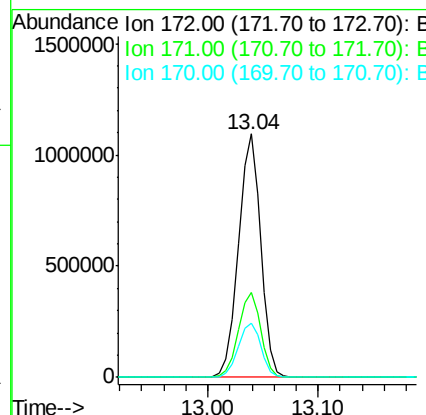
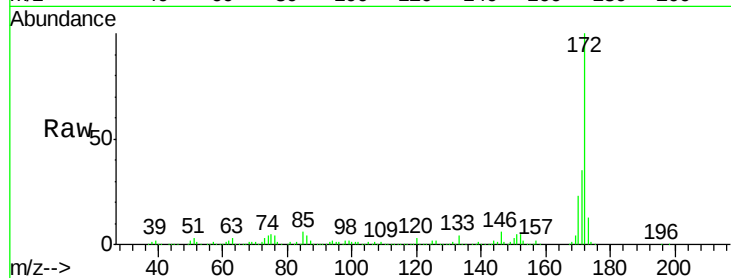
#45
 2-Fluorobiphenyl
 Concen: 79.838 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	22.5	17.9	26.9

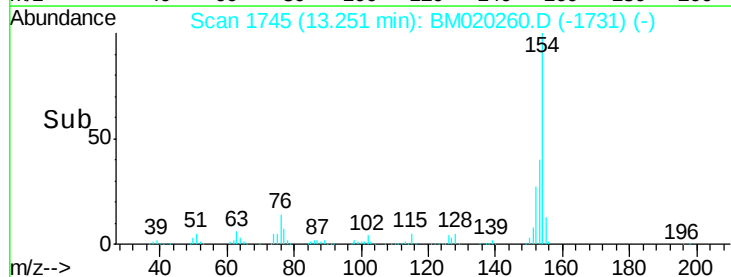
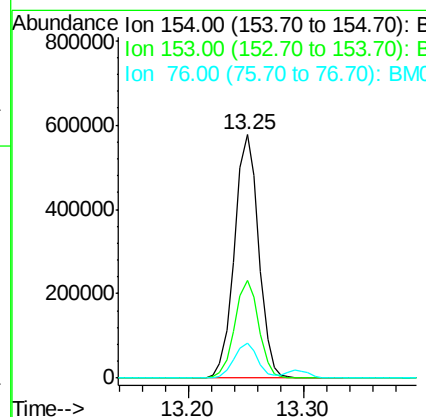
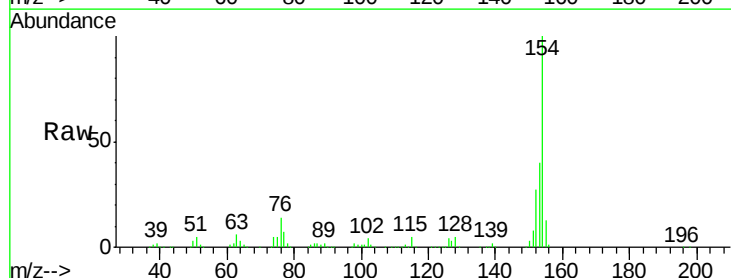
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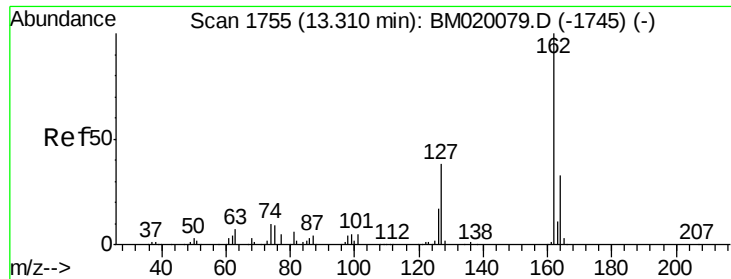
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#46
 1,1'-Biphenyl
 Concen: 42.601 ng
 RT: 13.25 min Scan# 1745
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.4	59.4
76	14.3	0.0	34.5





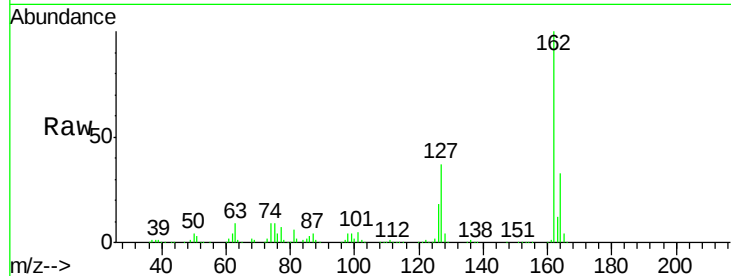
#47
 2-Chloronaphthalene
 Concen: 43.455 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

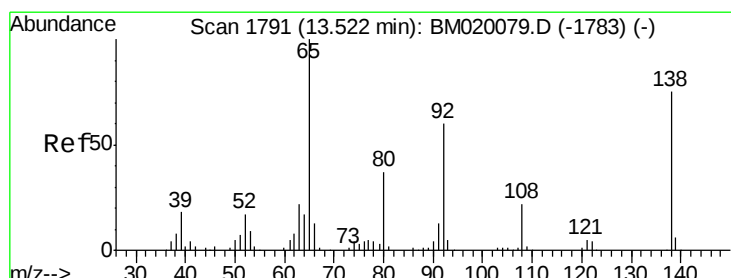
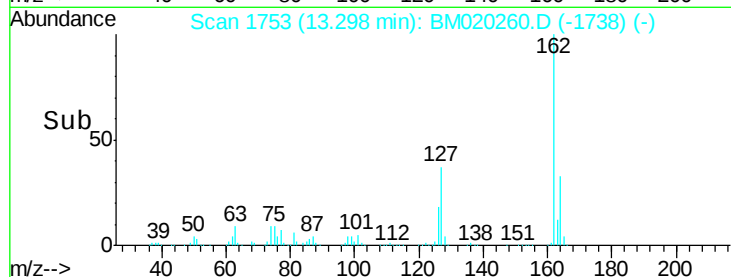
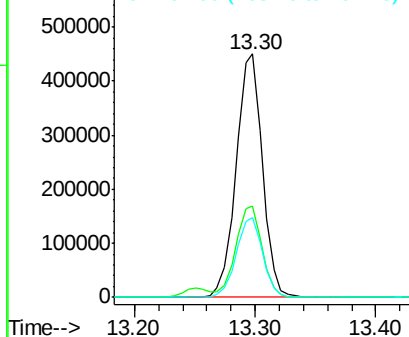
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	683216		
127	37.3	31.0	46.4	
164	32.7	26.2	39.2	

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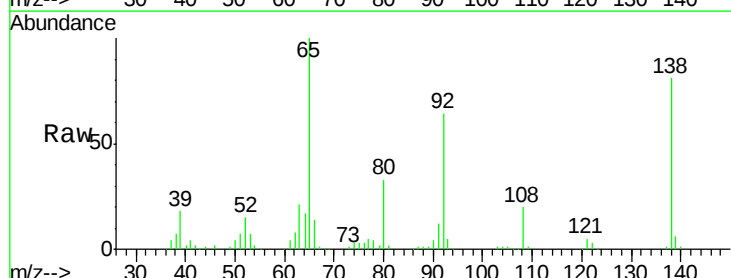


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

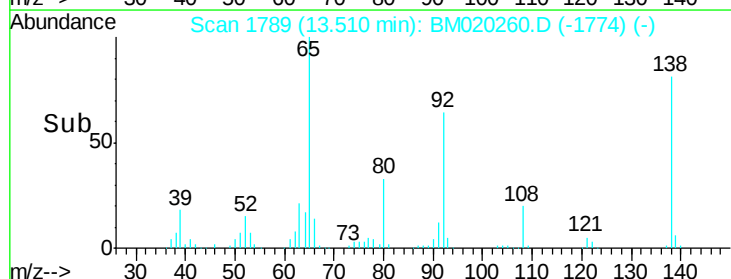
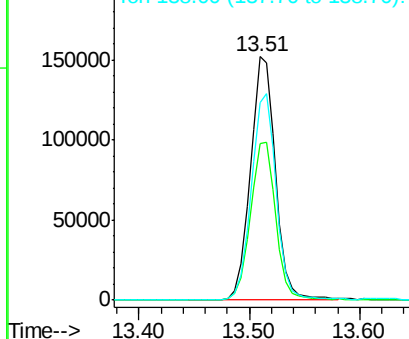


#48
 2-Nitroaniline
 Concen: 43.326 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	242509		
92	64.1	48.2	72.4	
138	81.0	60.3	90.5	



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





#49

Acenaphthylene

Concen: 42.543 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

Tgt Ion:152 Resp: 1070467

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

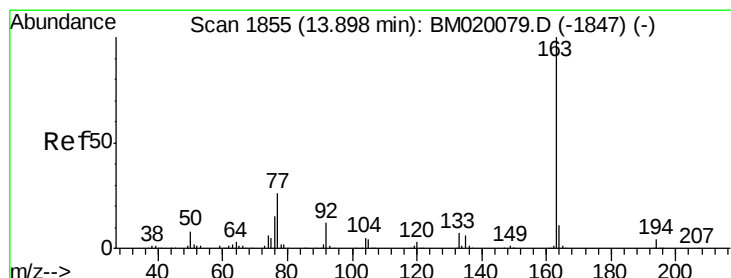
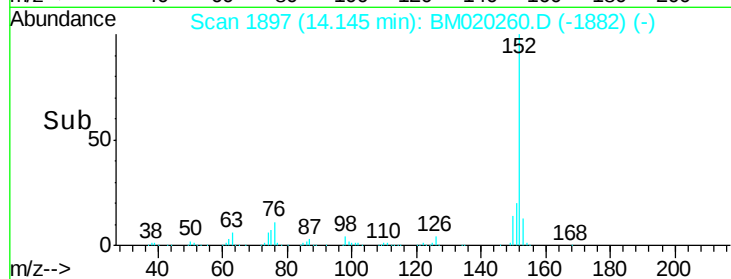
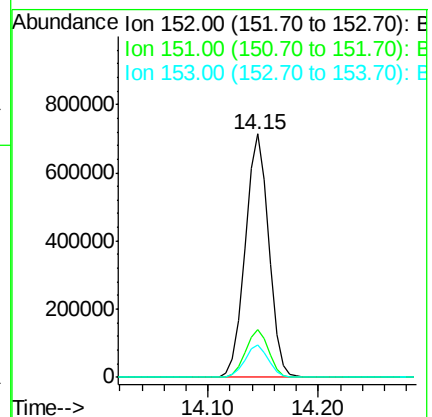
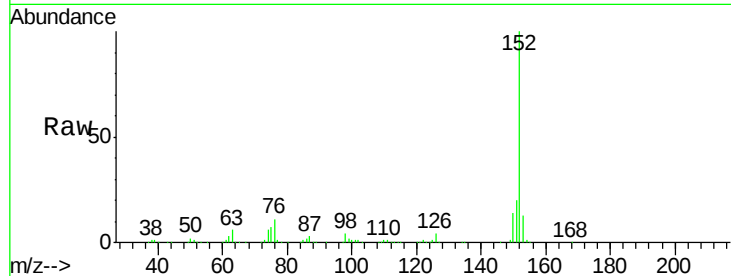
153 13.2 10.6 16.0

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#50

Dimethylphthalate

Concen: 51.842 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

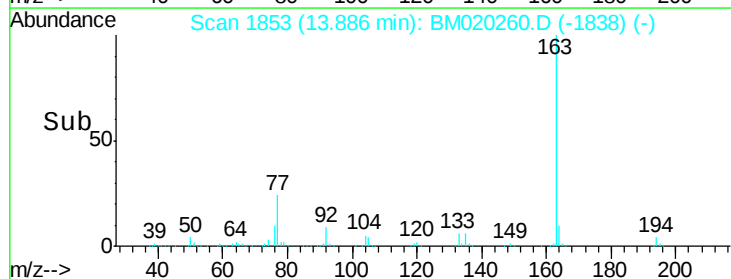
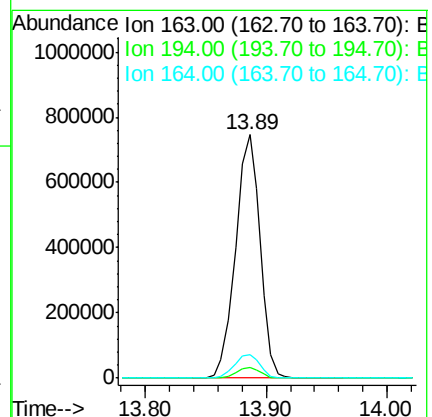
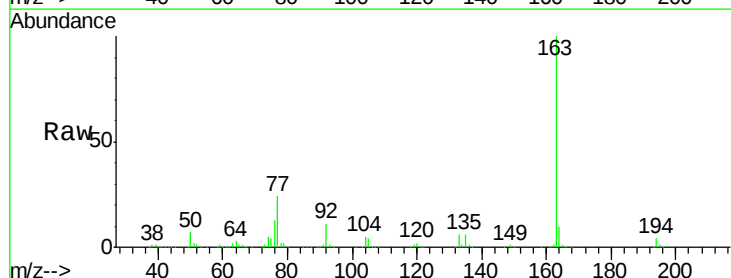
Tgt Ion:163 Resp: 1054133

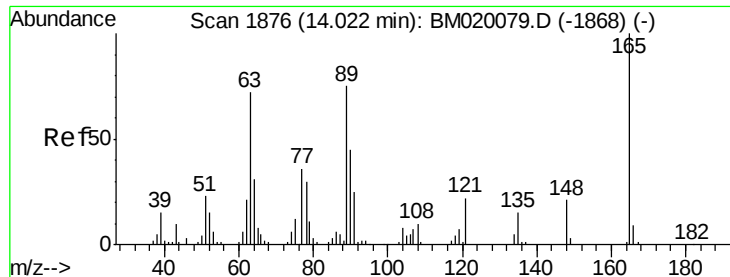
Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 9.6 8.4 12.6





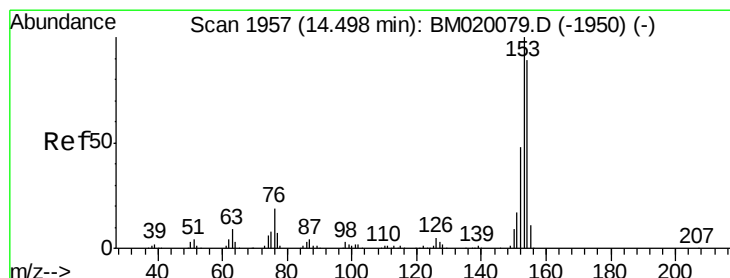
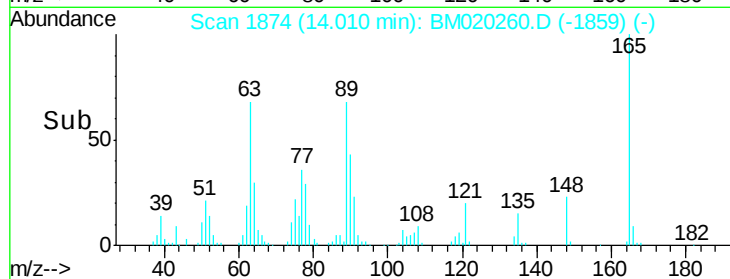
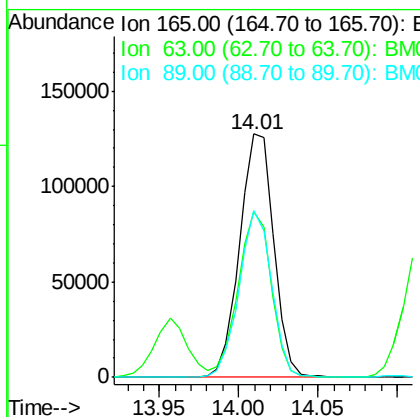
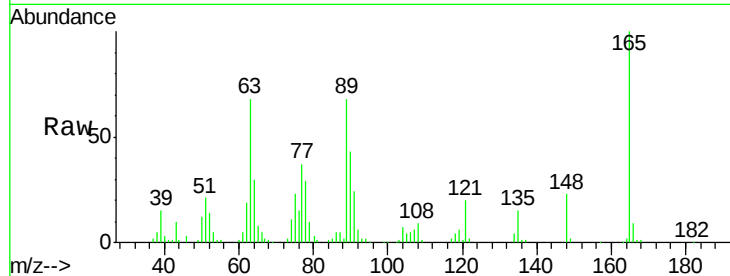
#51
 2,6-Dinitrotoluene
 Concen: 44.544 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion:	165	Resp:	190766
Ion Ratio		Lower	Upper
165	100		
63	68.0	60.3	90.5
89	68.4	59.8	89.6

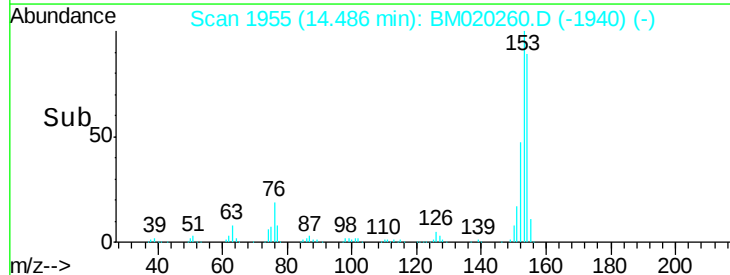
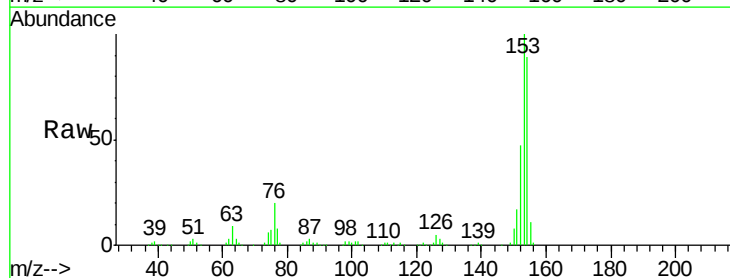
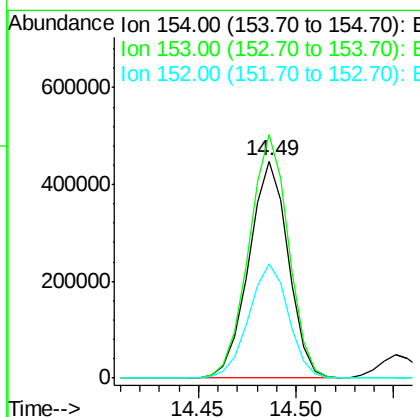
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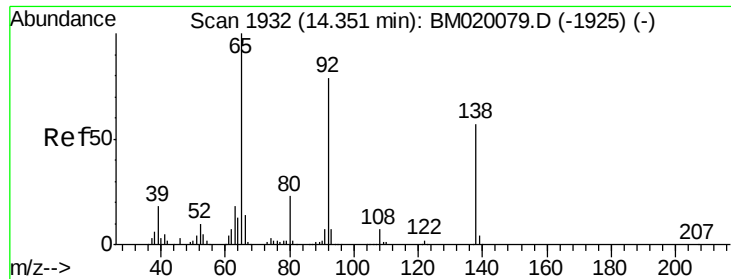
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#52
 Acenaphthene
 Concen: 43.373 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion:	154	Resp:	625828
Ion Ratio		Lower	Upper
154	100		
153	112.3	90.2	135.2
152	52.7	43.0	64.4





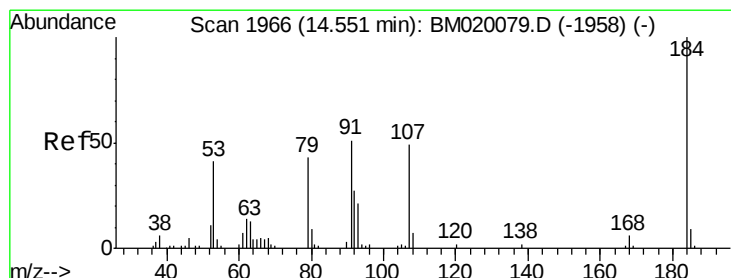
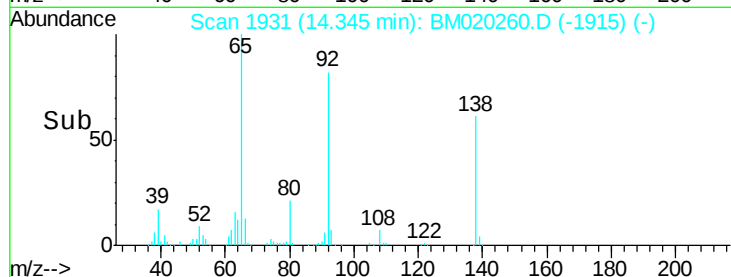
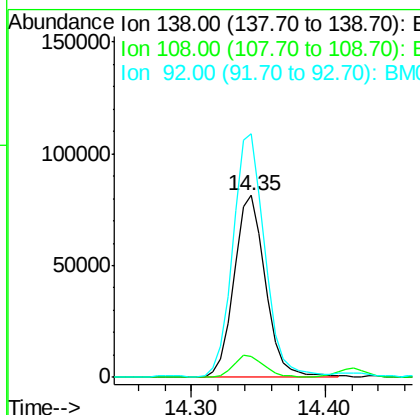
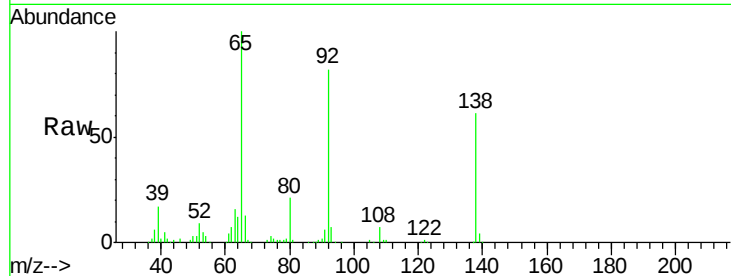
#53
 3-Nitroaniline
 Concen: 33.500 ng
 RT: 14.35 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	133157		
108	11.8	10.4	15.6	
92	133.8	111.3	166.9	

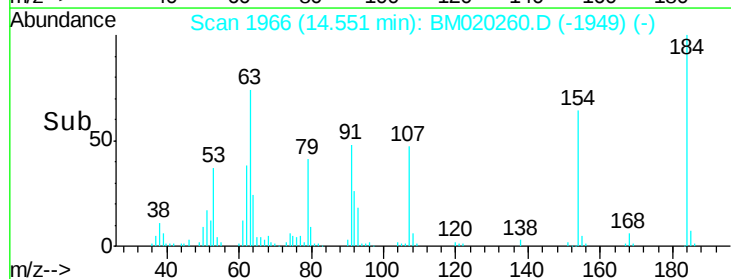
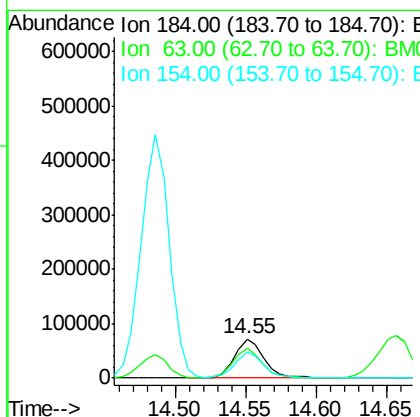
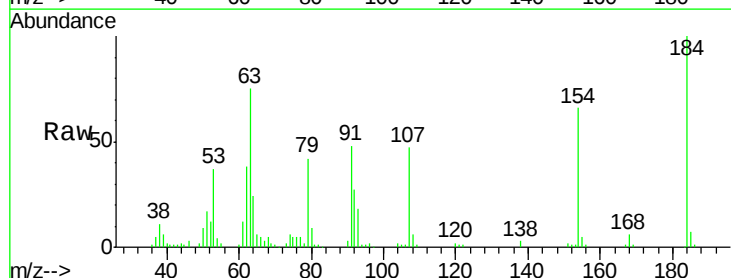
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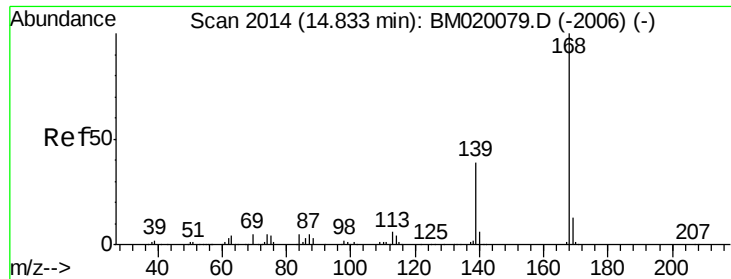
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#54
 2,4-Dinitrophenol
 Concen: 52.333 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	105233		
63	74.6	68.9	103.3	
154	65.8	54.4	81.6	





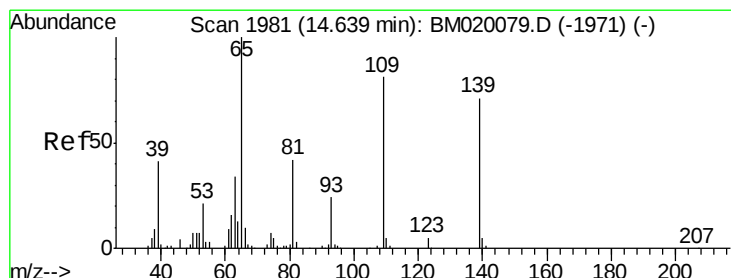
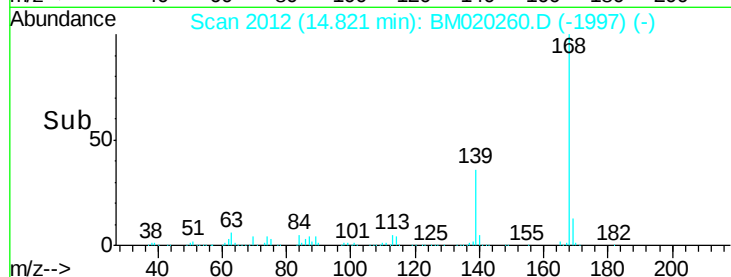
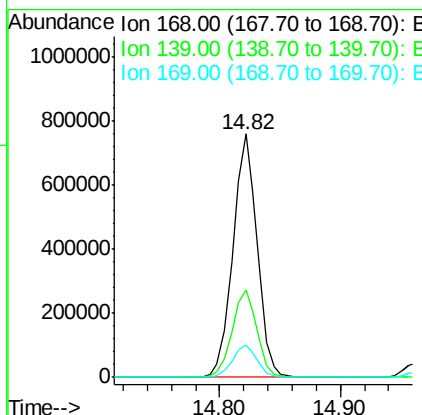
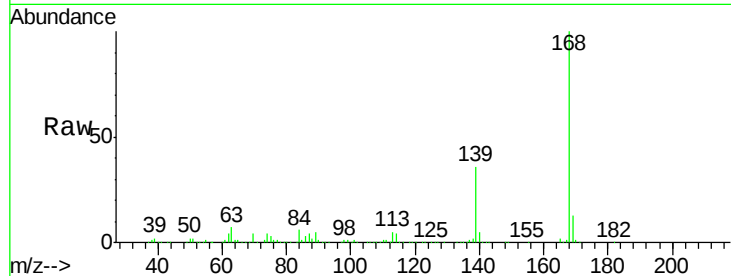
#55
Dibenzofuran
Concen: 43.486 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion:168 Resp: 1058379
Ion Ratio Lower Upper
168 100
139 35.9 31.1 46.7
169 13.2 10.6 16.0

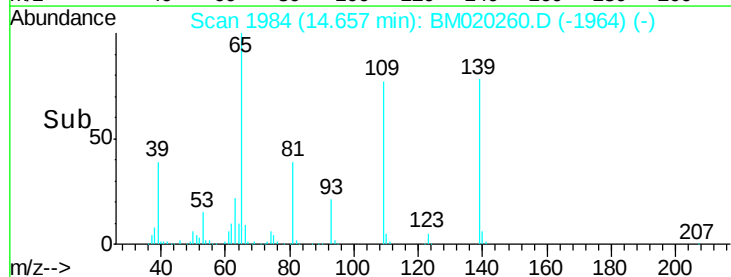
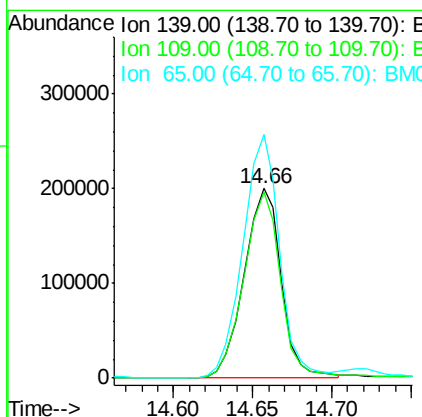
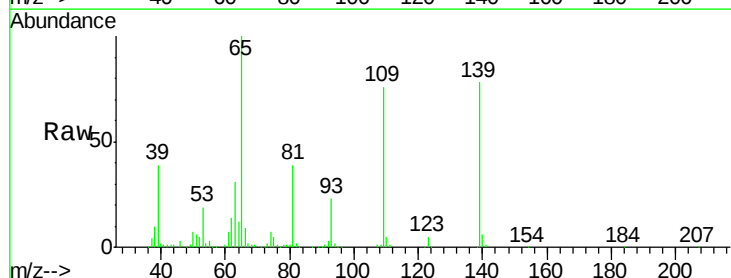
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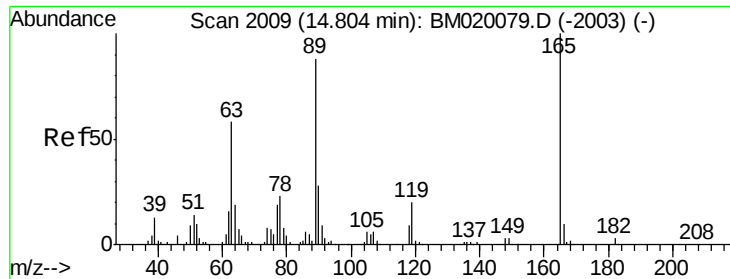
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#56
4-Nitrophenol
Concen: 96.520 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:139 Resp: 327333
Ion Ratio Lower Upper
139 100
109 98.1 94.1 134.1
65 128.5 120.9 160.9





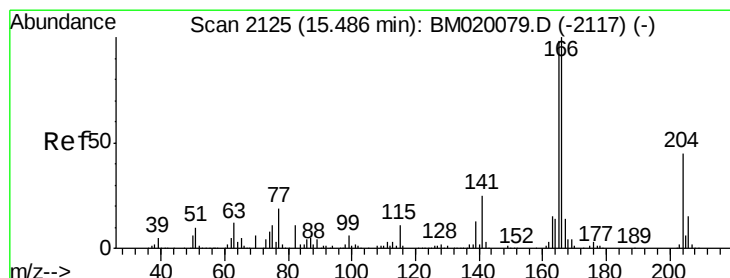
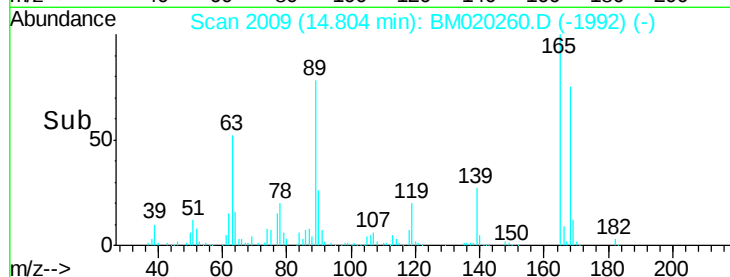
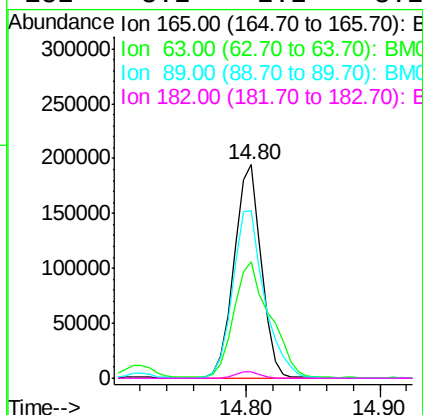
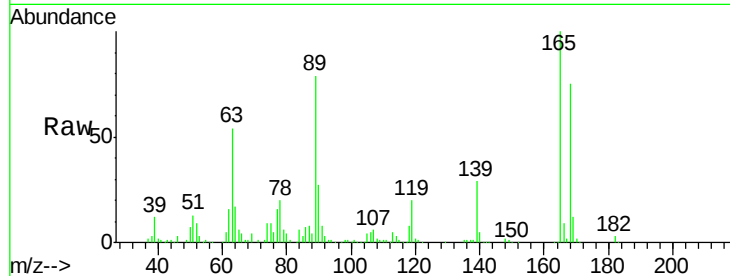
#57
2,4-Dinitrotoluene
Concen: 47.372 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	275676		
63	54.3	46.2	69.2	
89	78.8	70.6	105.8	
182	3.2	2.2	3.2	

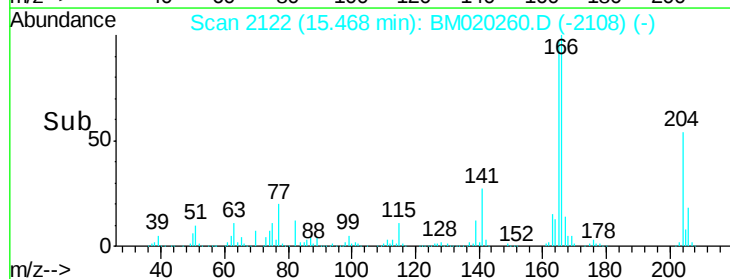
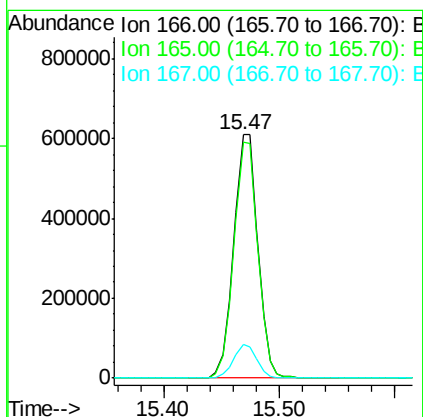
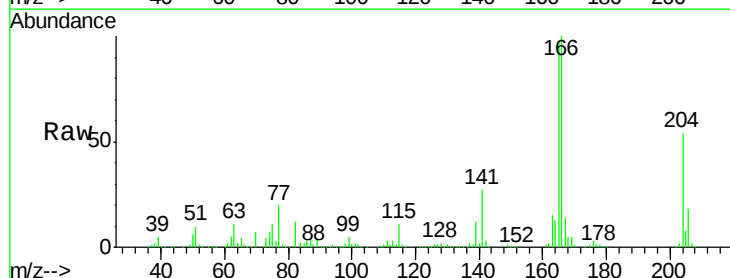
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#58
Fluorene
Concen: 44.139 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	882273		
165	96.8	78.2	117.2	
167	13.9	11.0	16.4	





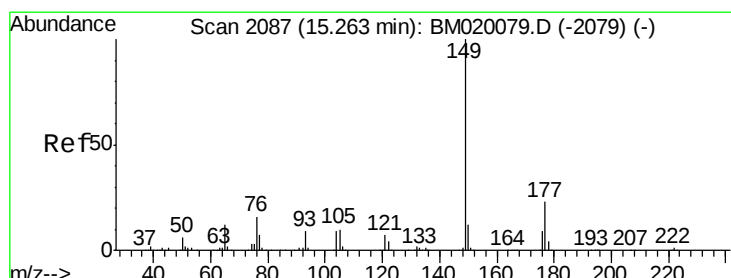
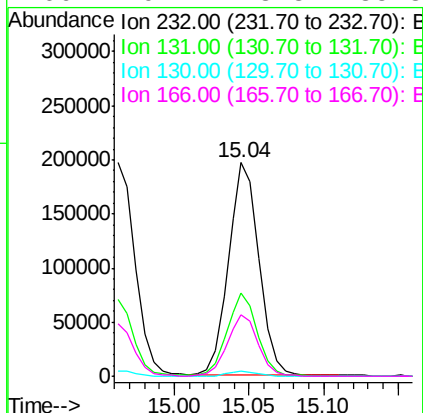
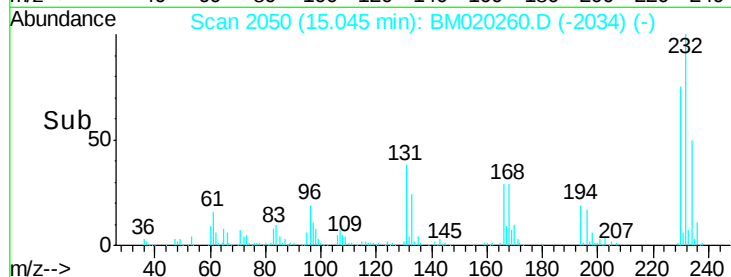
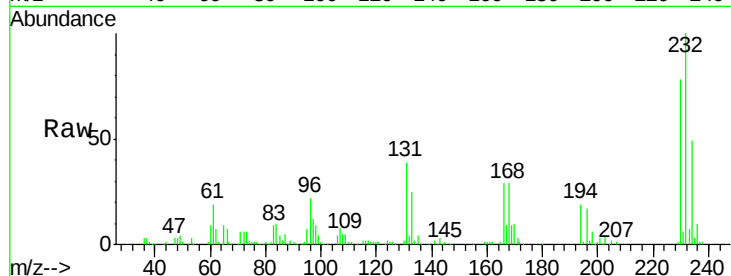
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.549 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	279815		
131	38.3	34.2	51.4	
130	2.2	2.0	3.0	
166	29.4	23.8	35.8	

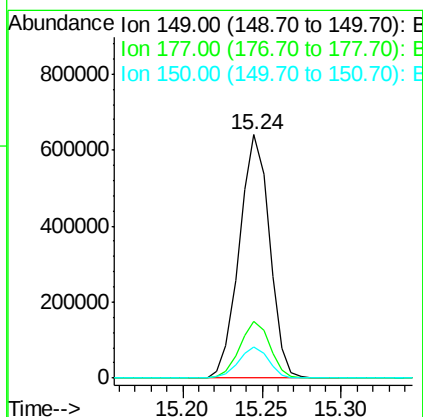
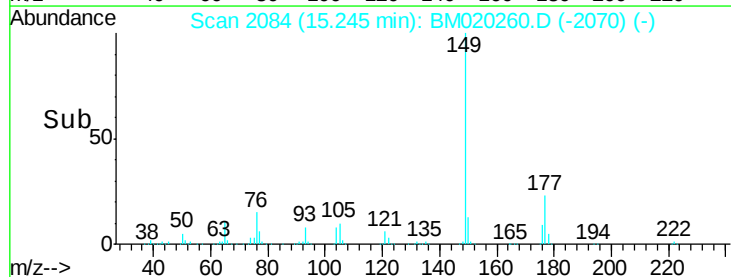
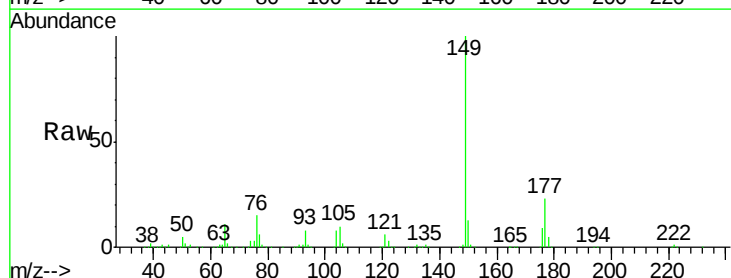
Manual Integrations
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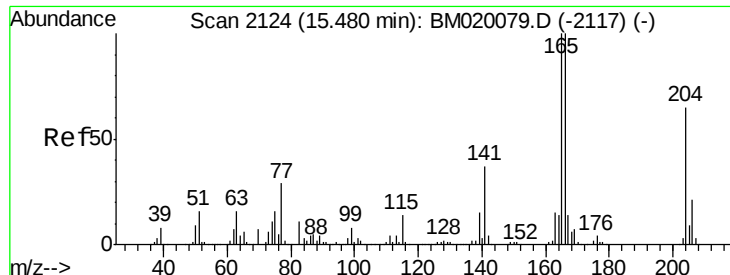
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#60
 Diethylphthalate
 Concen: 41.425 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	848616		
177	23.2	18.2	27.4	
150	12.7	9.9	14.9	





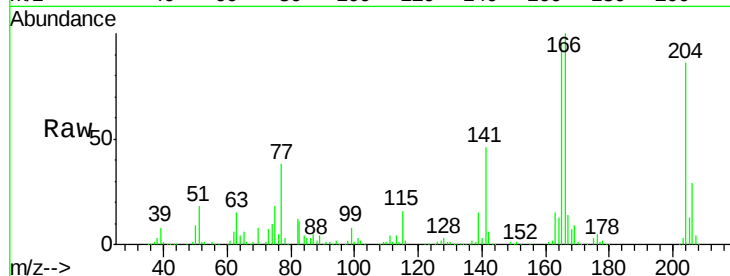
#61
 4-Chlorophenyl-phenylether
 Concen: 42.794 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

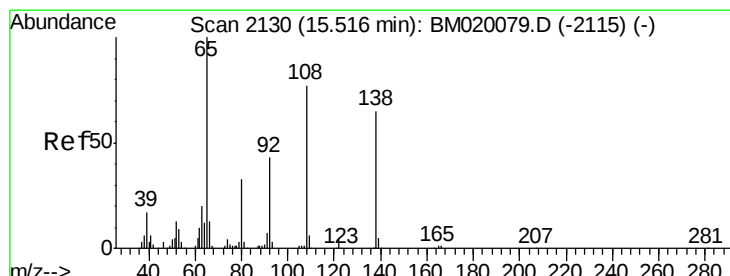
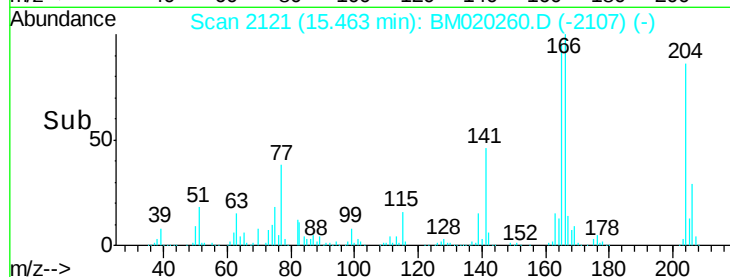
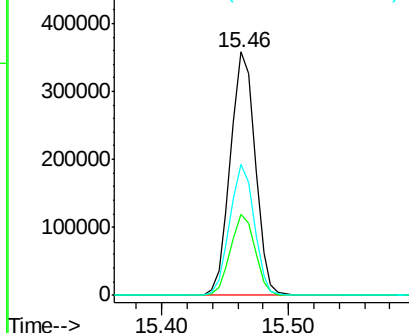
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	484669		
206	33.5	25.6	38.4	
141	53.5	46.1	69.1	

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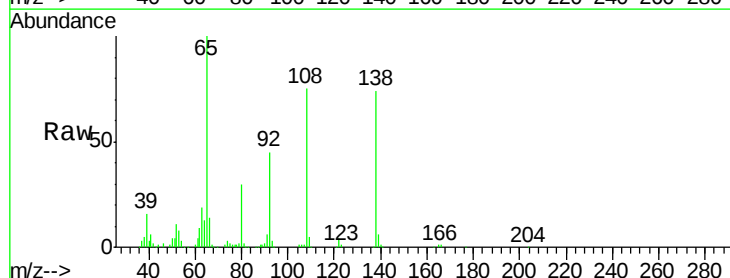


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

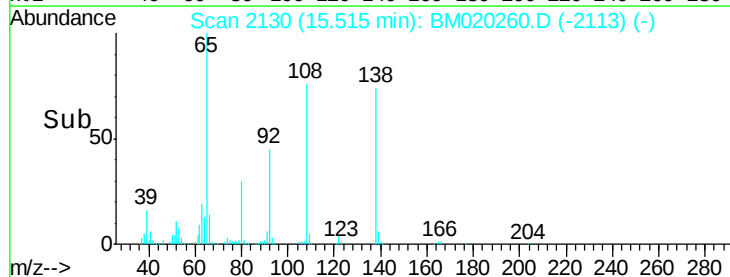
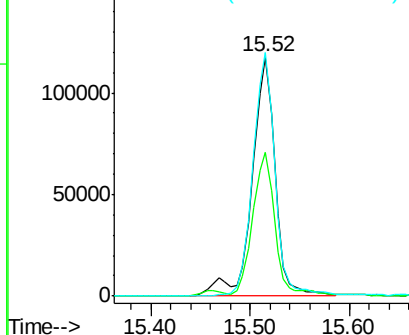


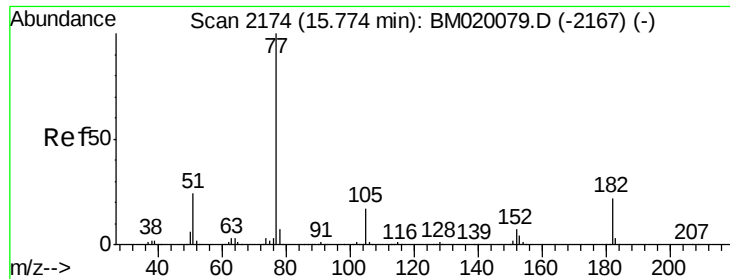
#62
 4-Nitroaniline
 Concen: 43.380 ng m
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	190290		
92	60.2	45.9	85.9	
108	101.9	97.7	137.7	



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





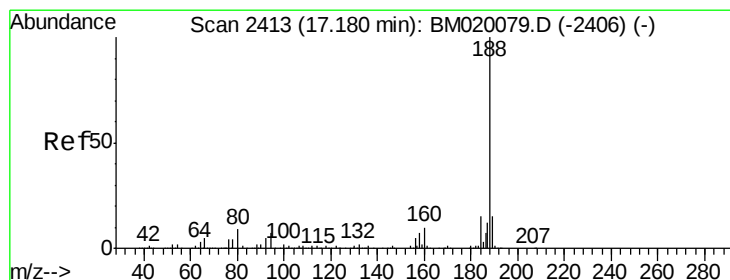
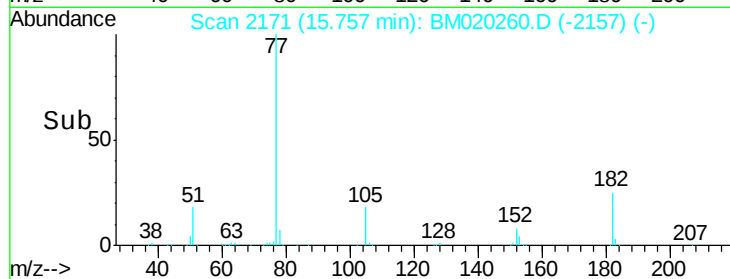
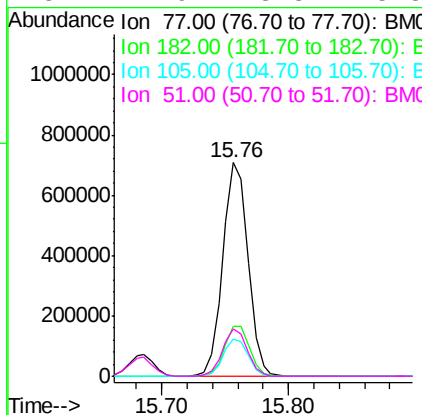
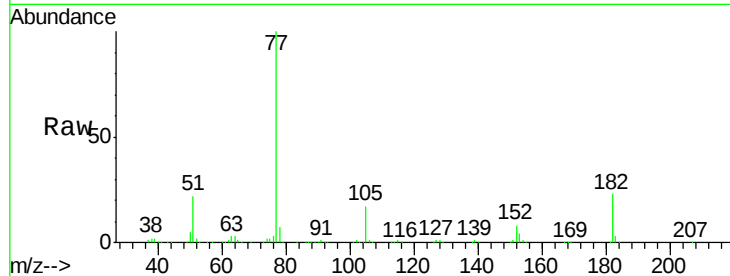
#63
Azobenzene
Concen: 40.092 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	2.1	42.1
105	17.2	0.0	36.8
51	21.9	3.8	43.8

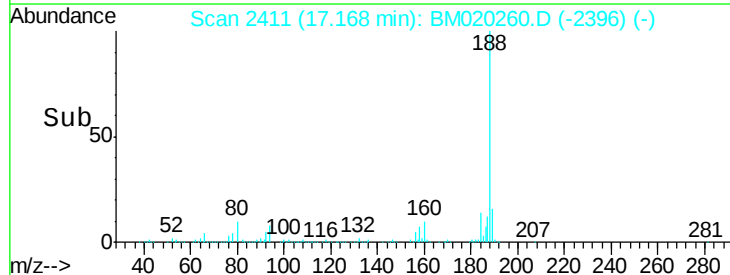
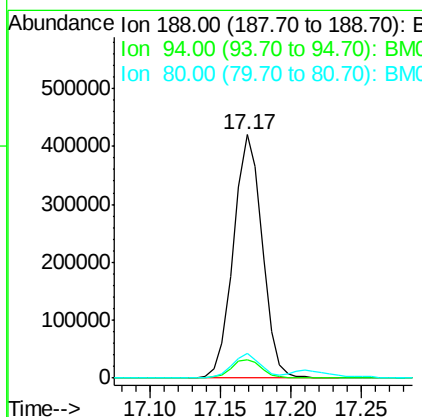
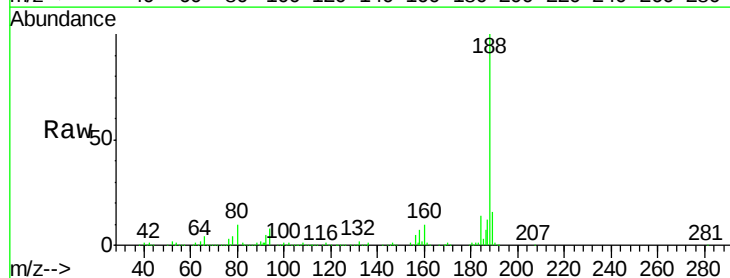
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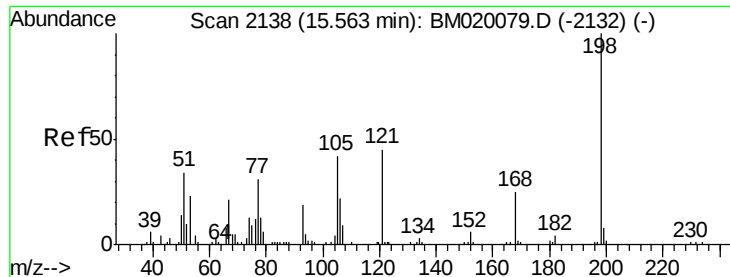
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	10.3	7.4	11.2





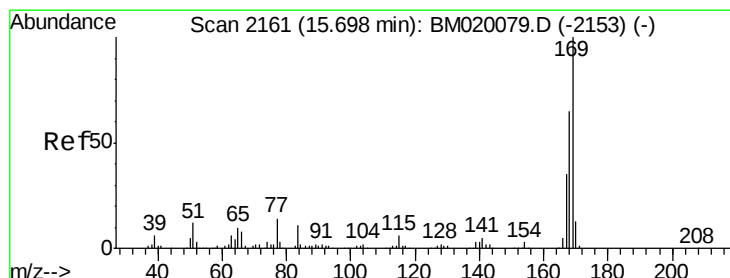
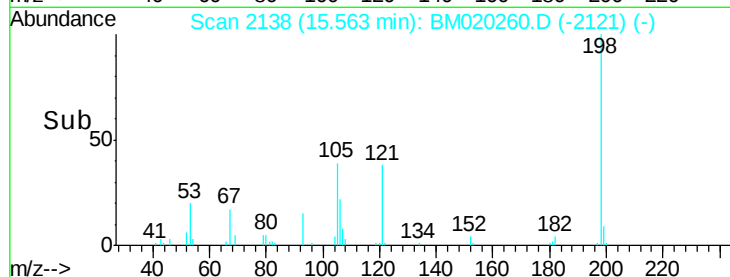
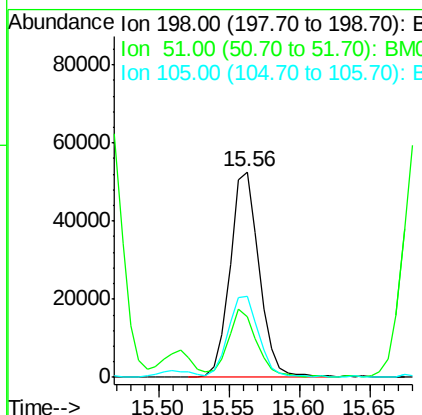
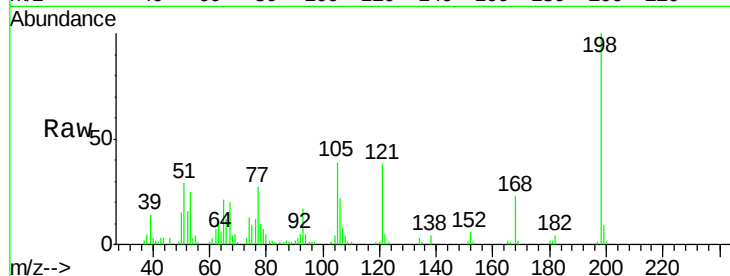
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.470 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.4	16.5	56.5
105	39.4	22.8	62.8

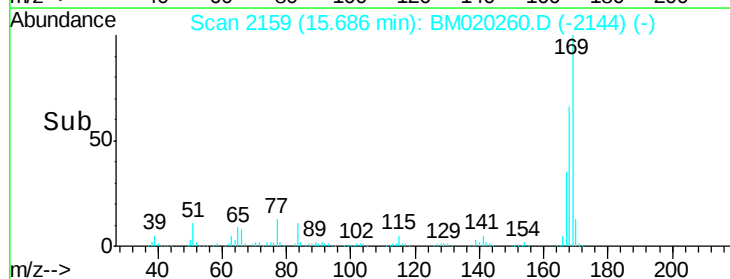
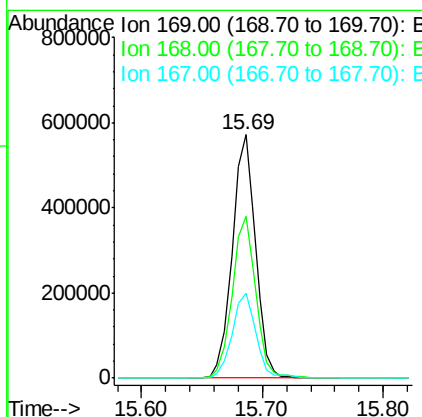
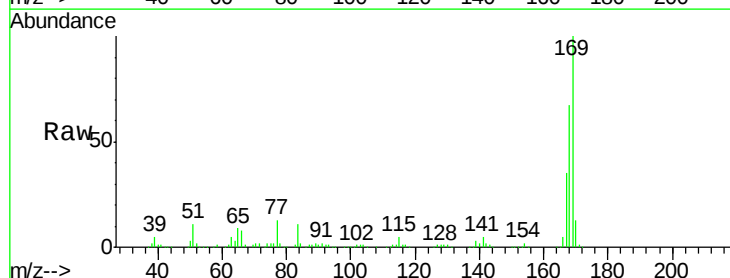
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#66
 n-Nitrosodiphenylamine
 Concen: 43.690 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	51.9	77.9
167	35.0	27.8	41.6





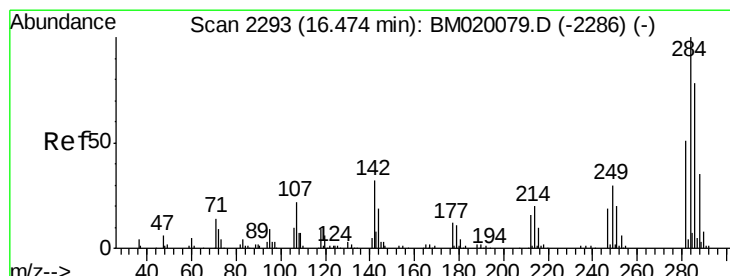
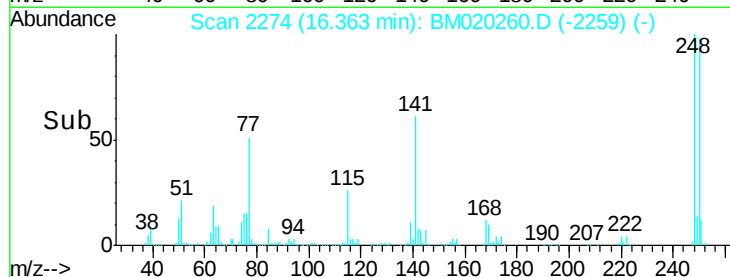
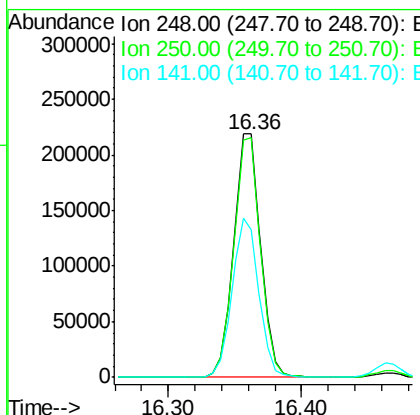
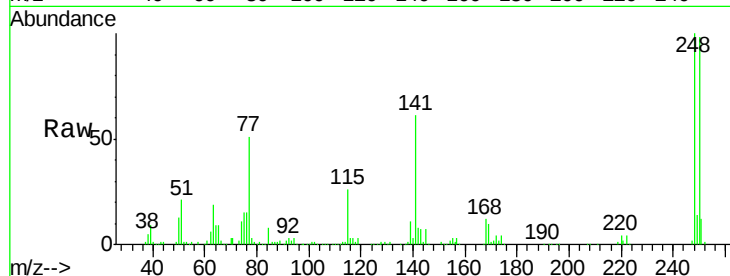
#67
 4-Bromophenyl-phenylether
 Concen: 42.081 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.4	117.6
141	60.7	57.4	86.2

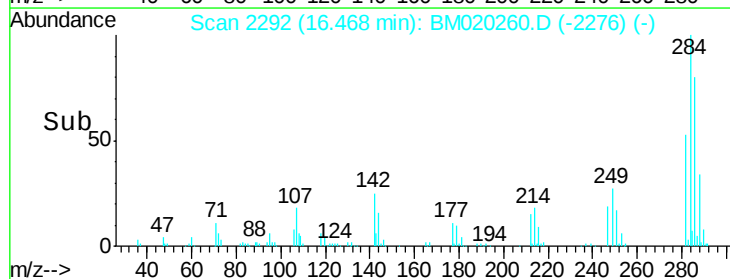
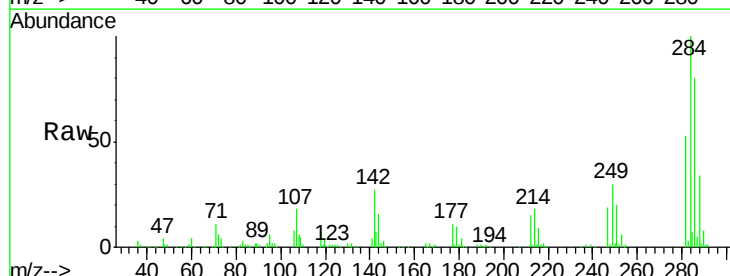
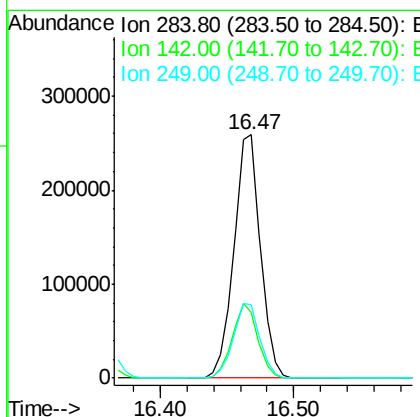
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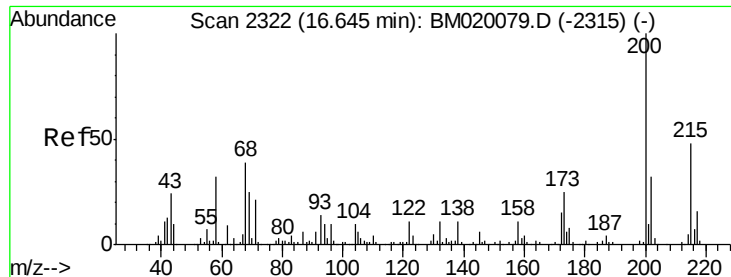
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#68
 Hexachlorobenzene
 Concen: 42.400 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	25.2	37.8
249	30.0	23.6	35.4





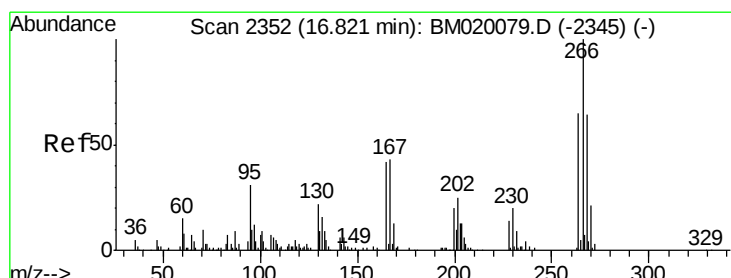
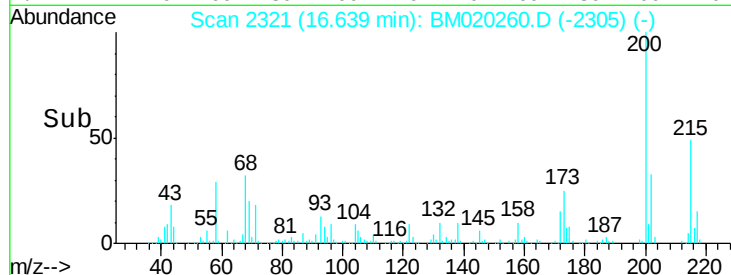
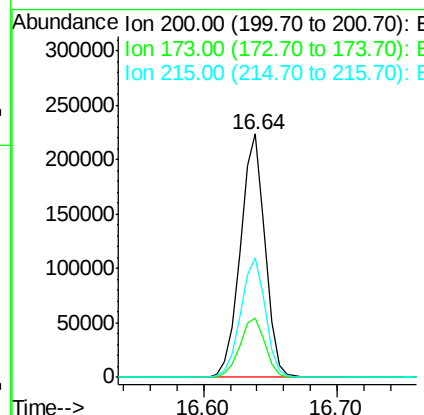
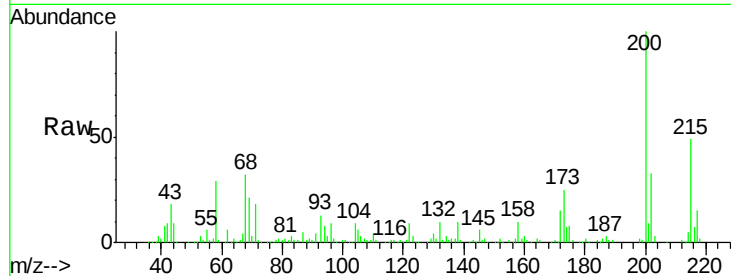
#69
 Atrazine
 Concen: 41.567 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.6	4.6	44.6
215	49.3	28.0	68.0

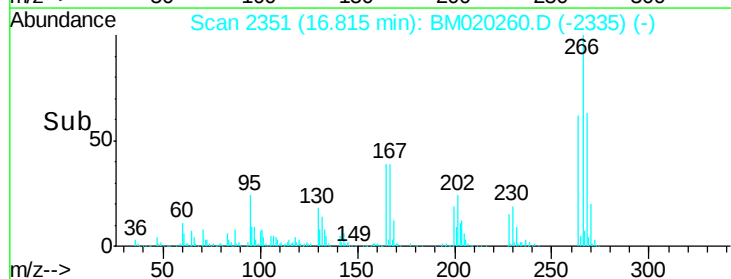
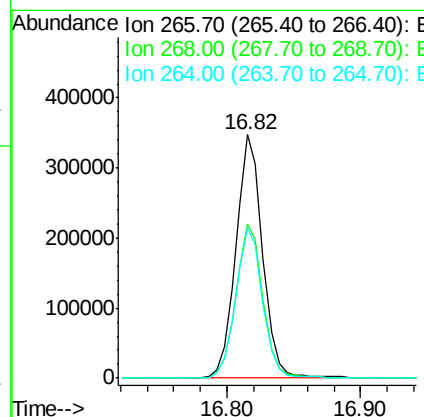
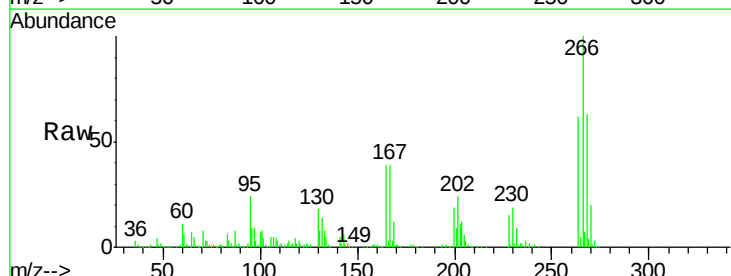
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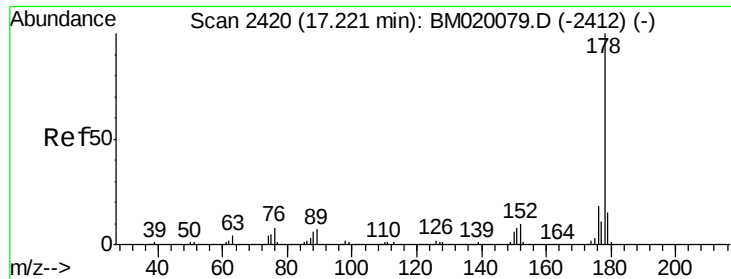
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#70
 Pentachlorophenol
 Concen: 100.041 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	51.4	77.0
264	61.9	52.0	78.0





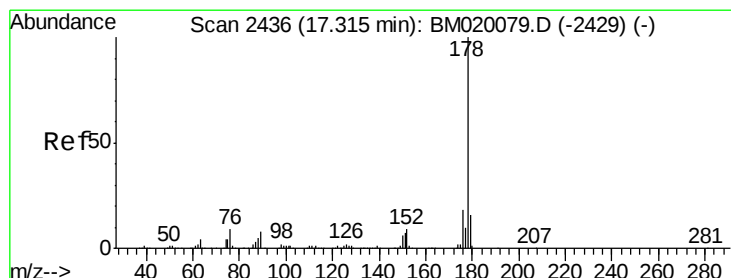
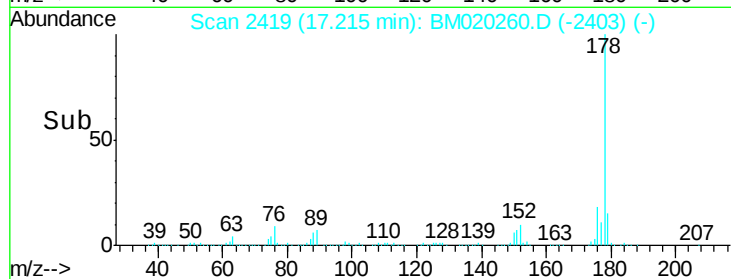
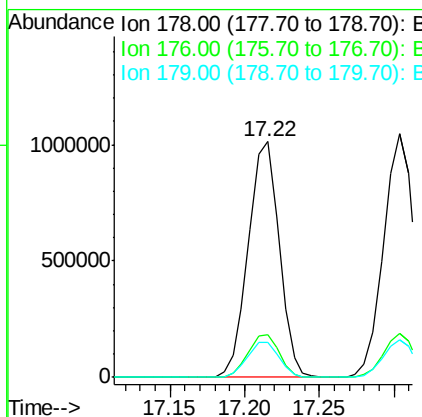
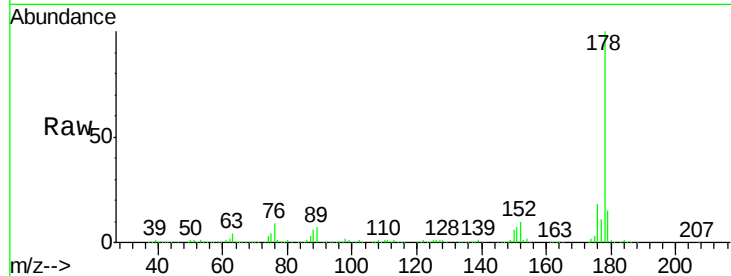
#71
Phenanthrene
Concen: 44.047 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion:178 Resp: 1454534
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 14.9 12.4 18.6

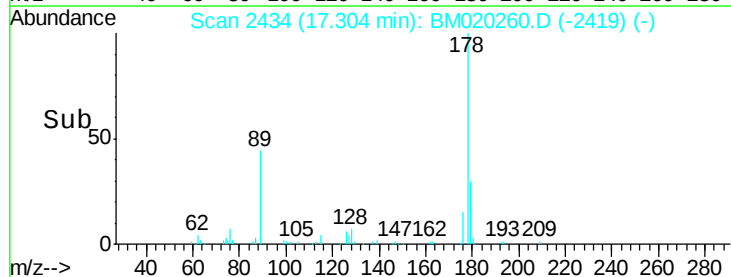
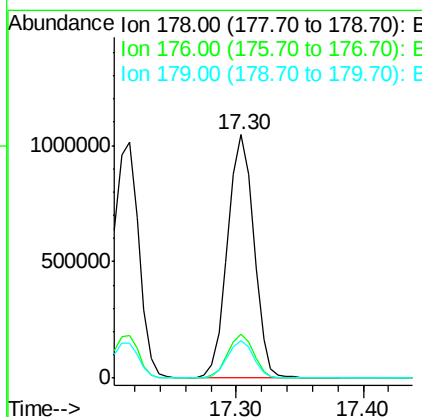
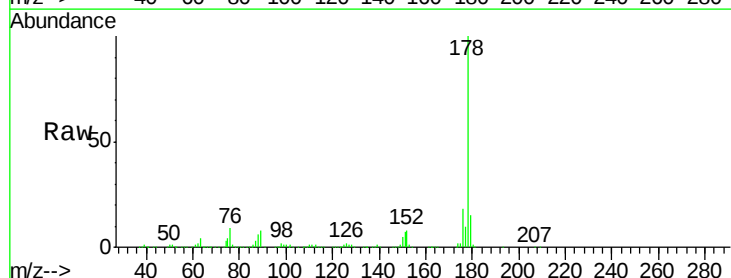
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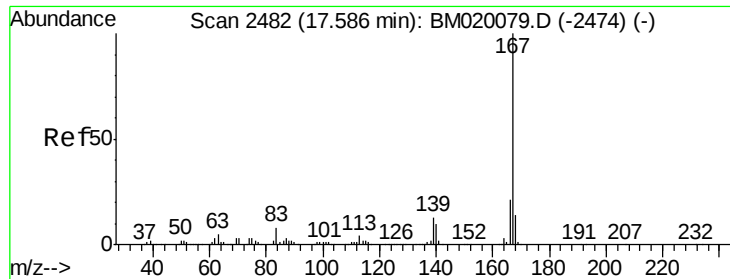
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#72
Anthracene
Concen: 45.303 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion:178 Resp: 1495745
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.4 12.4 18.6





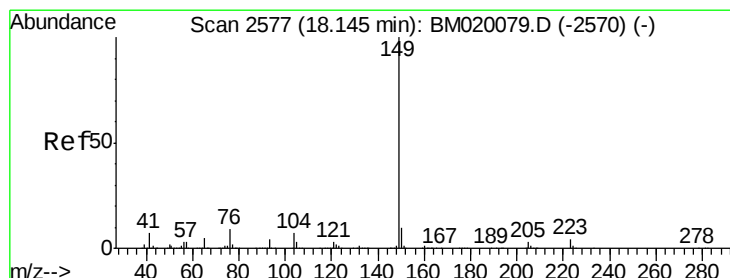
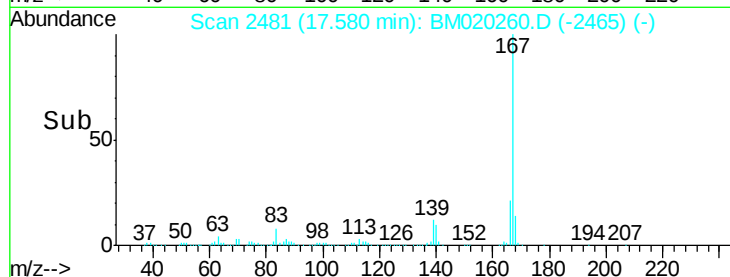
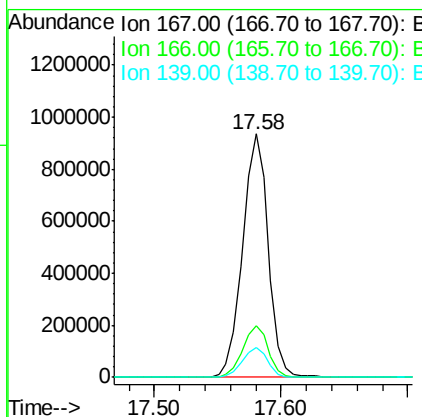
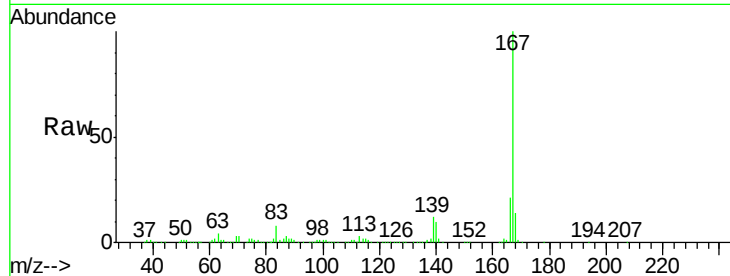
#73
 Carbazole
 Concen: 43.775 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.5	10.6	16.0

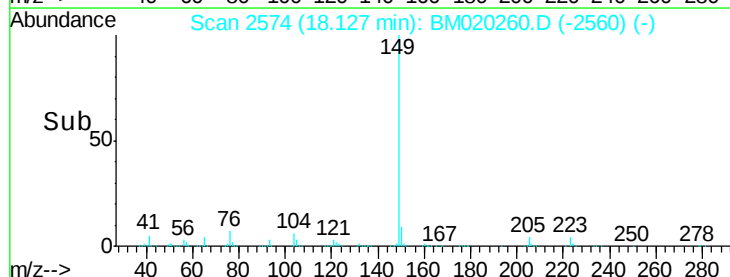
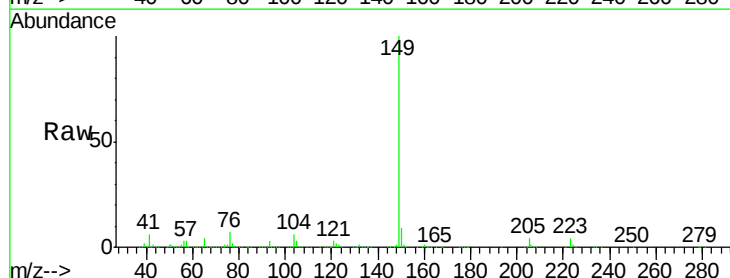
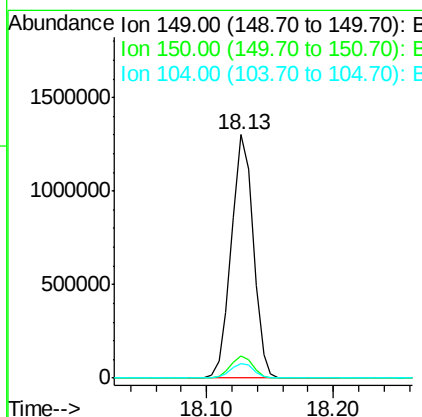
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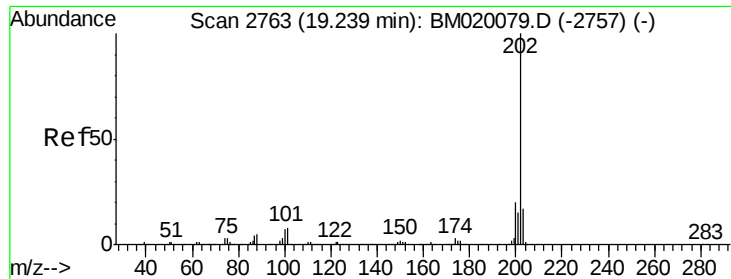
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#74
 Di-n-butylphthalate
 Concen: 43.255 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	6.0	5.7	8.5





#75

Fluoranthene

Concen: 42.907 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

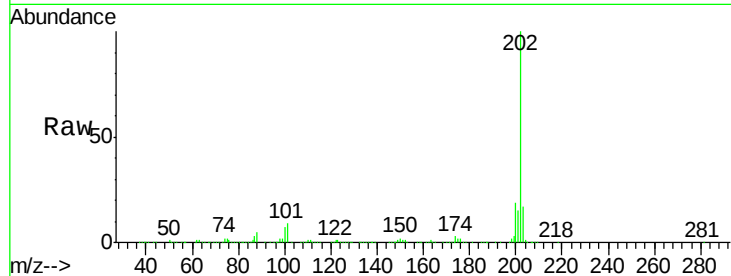
ClientSampleId :

RBR-200035MSD

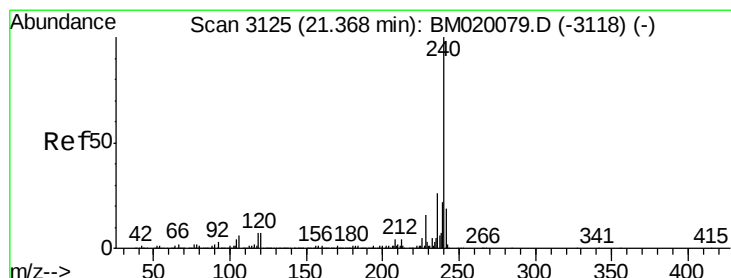
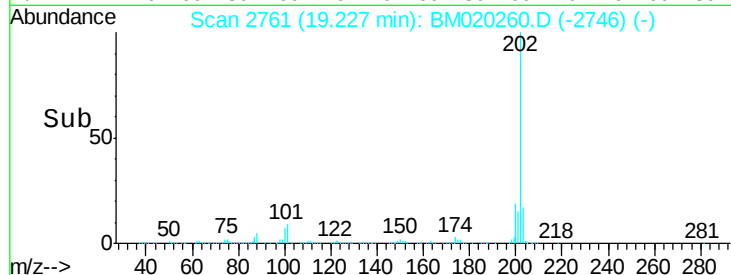
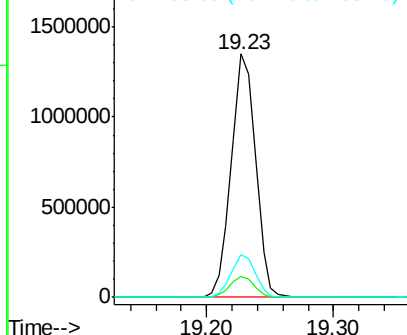
Tgt Ion:	202	Resp:	1792710
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.4
203	17.4	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

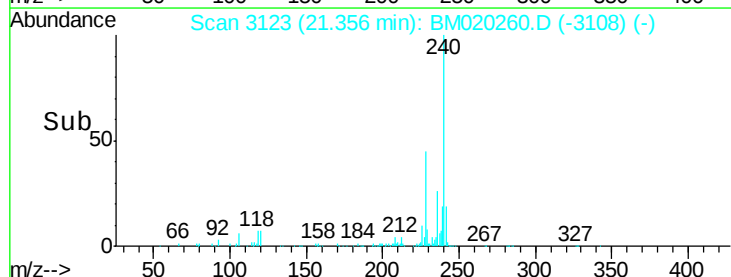
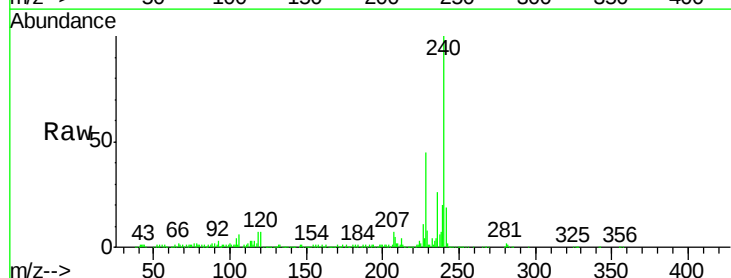
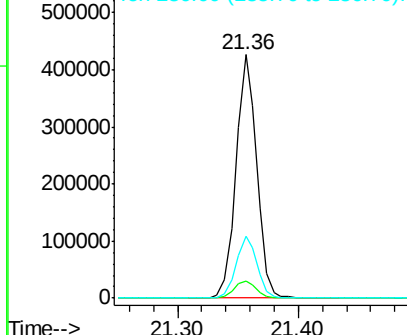
Delta R.T. -0.01 min

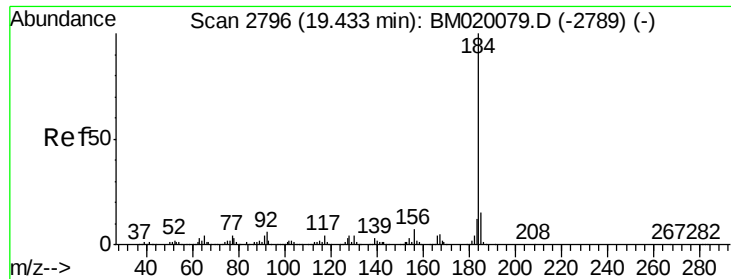
Lab File: BM020260.D

Acq: 11 May 2019 03:54

Tgt Ion:	240	Resp:	510204
Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.6	8.4
236	25.6	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





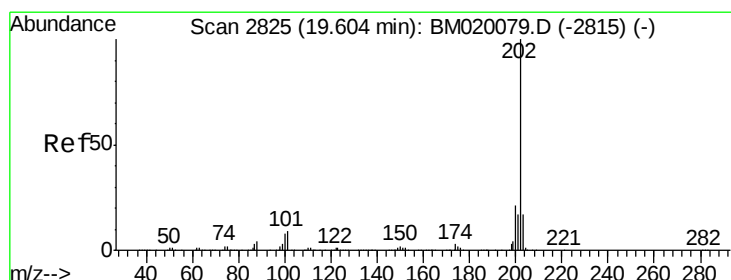
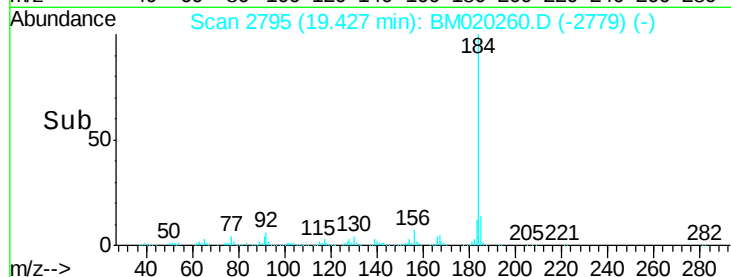
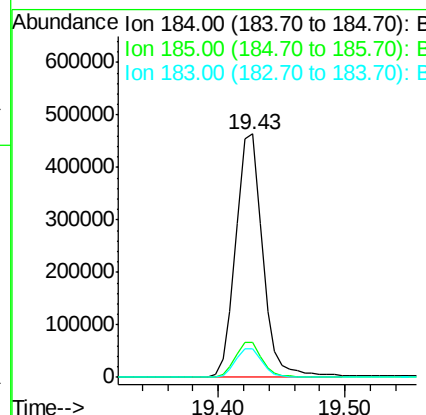
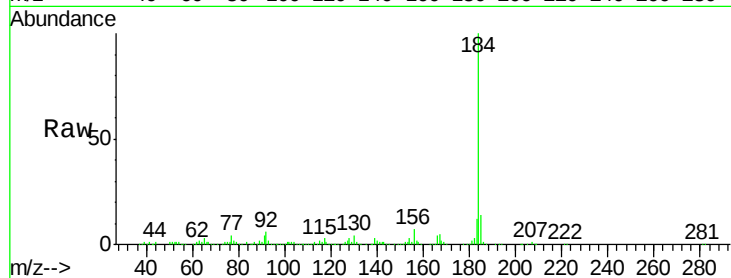
#77
Benzidine
Concen: 41.874 ng
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	683029		
185	14.4	12.0	18.0	
183	11.7	9.5	14.3	

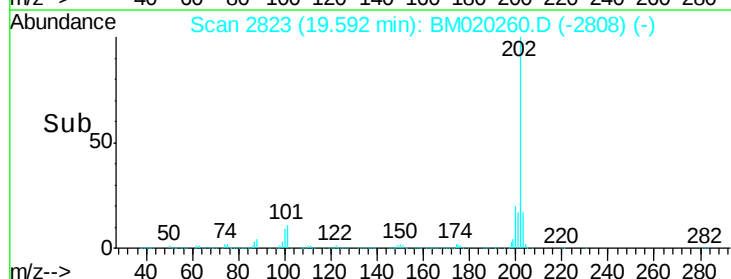
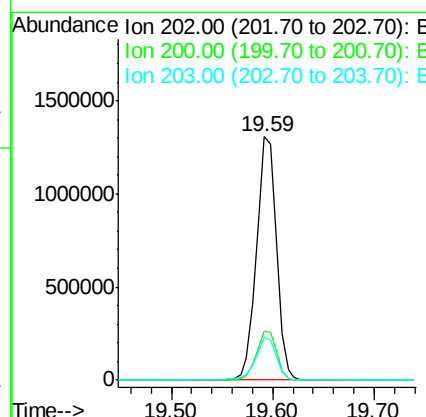
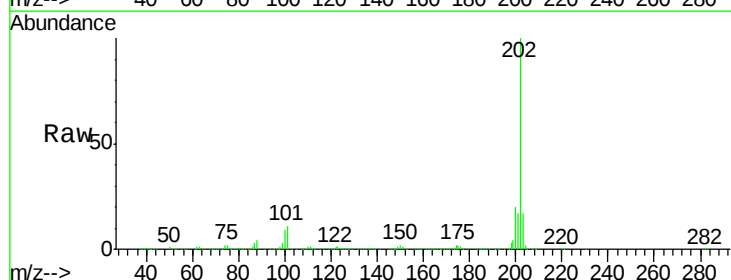
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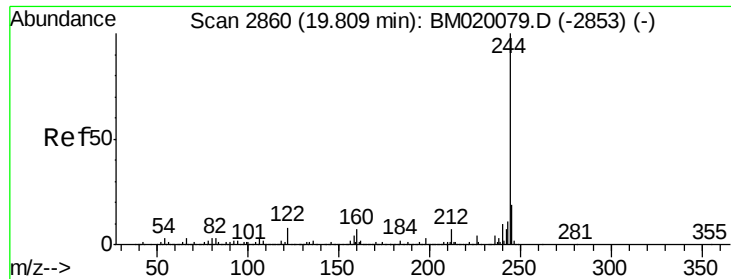
mohammad
5/13/2019 8:25:33 AM



#78
Pyrene
Concen: 52.363 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1793687		
200	20.2	16.5	24.7	
203	17.5	13.9	20.9	





#79

Terphenyl-d14

Concen: 98.361 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

Tgt Ion:244 Resp: 2877176

Ion Ratio Lower Upper

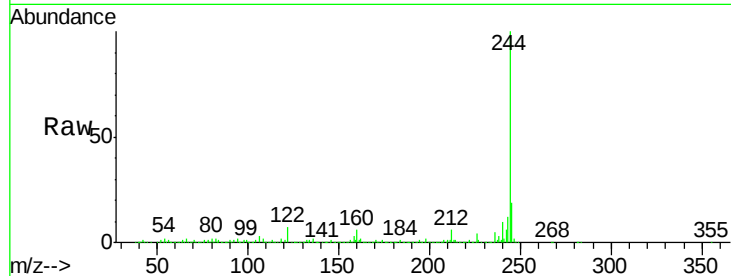
244 100

212 6.4 5.7 8.5

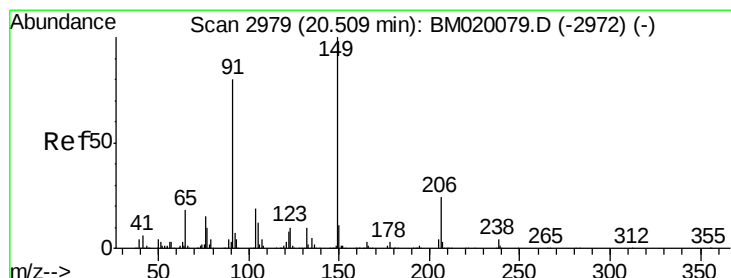
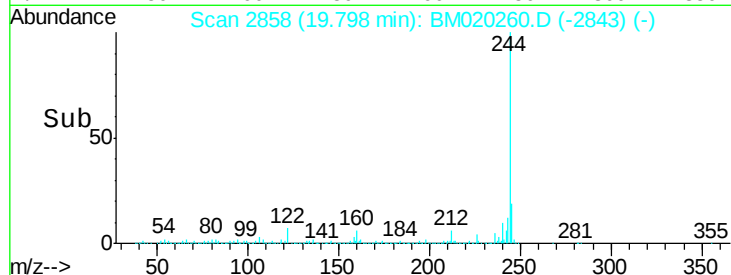
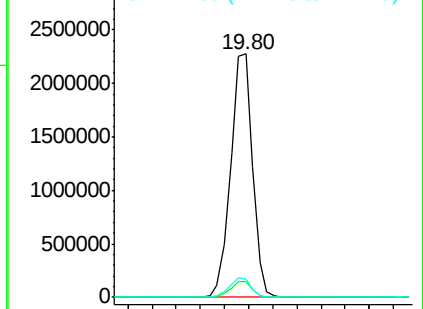
122 7.3 6.2 9.2

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



#80

Butylbenzylphthalate

Concen: 58.605 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.02 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

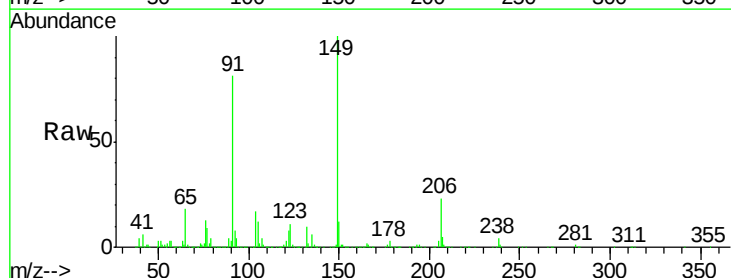
Tgt Ion:149 Resp: 730024

Ion Ratio Lower Upper

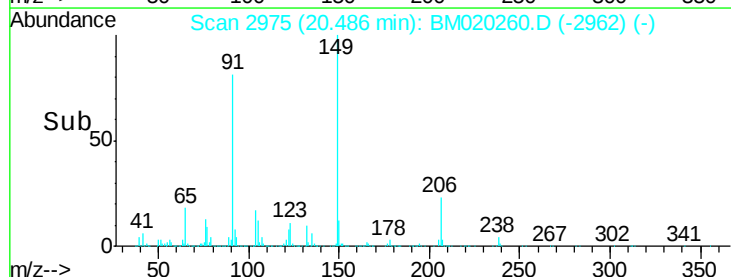
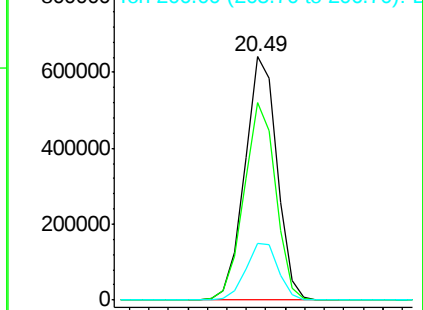
149 100

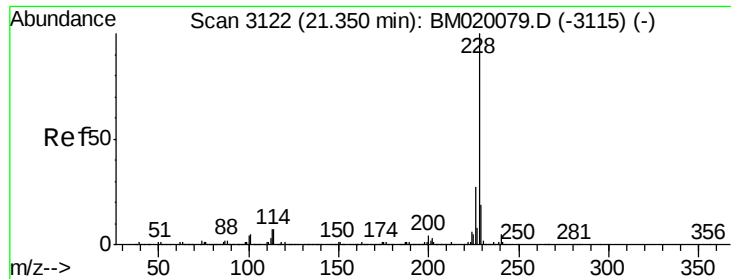
91 81.2 63.8 95.8

206 23.4 18.9 28.3



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





#81

Benzo(a)anthracene

Concen: 42.306 ng

RT: 21.34 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

Tgt Ion:228 Resp: 1513719

Ion Ratio Lower Upper

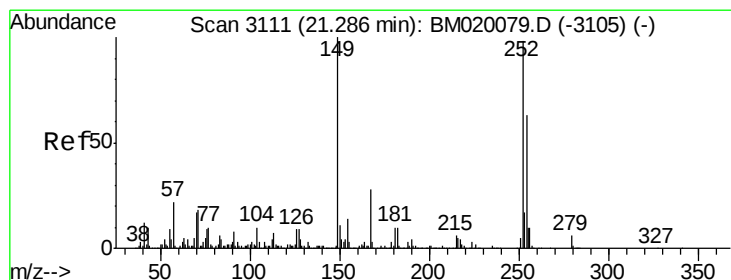
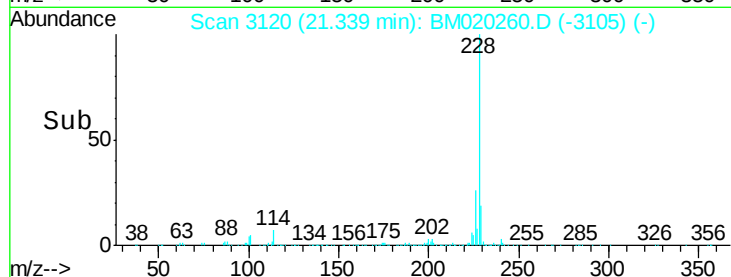
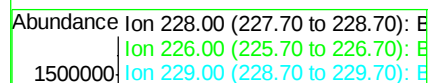
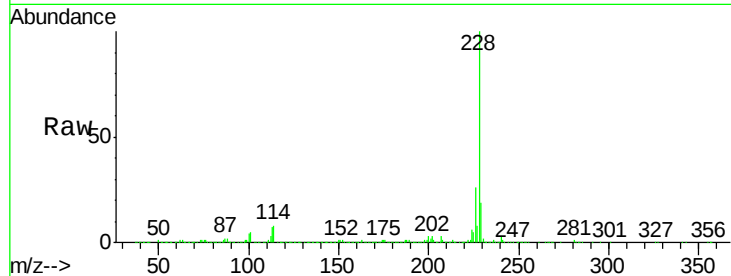
228 100

226 26.3 21.3 31.9

229 19.4 15.5 23.3

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#82

3,3'-Dichlorobenzidine

Concen: 43.295 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

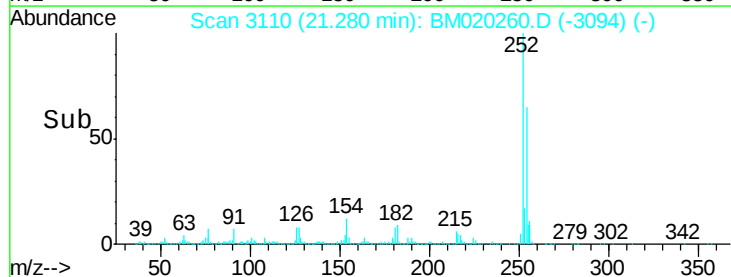
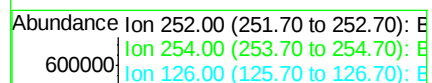
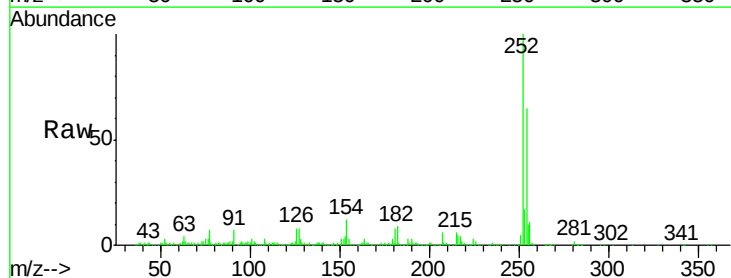
Tgt Ion:252 Resp: 591252

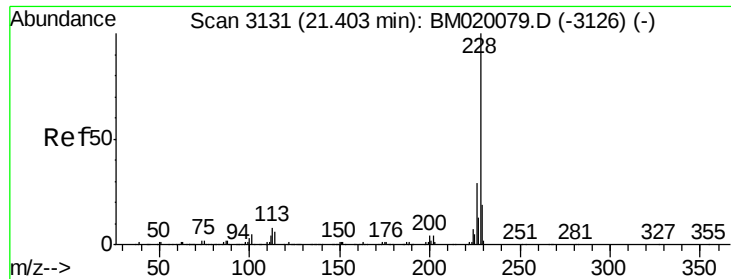
Ion Ratio Lower Upper

252 100

254 65.1 51.1 76.7

126 7.9 7.1 10.7





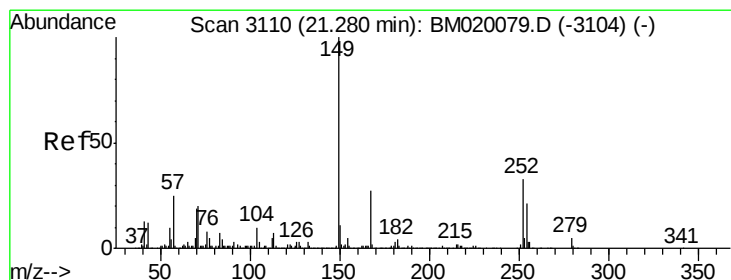
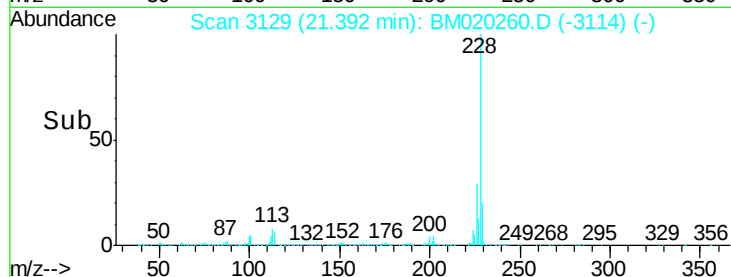
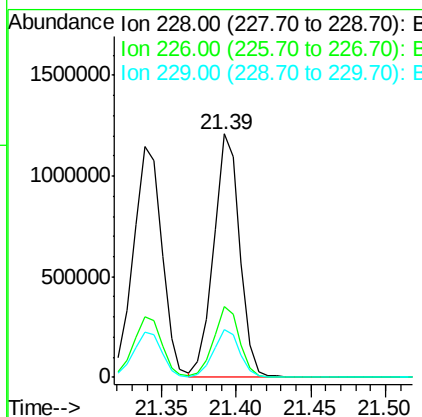
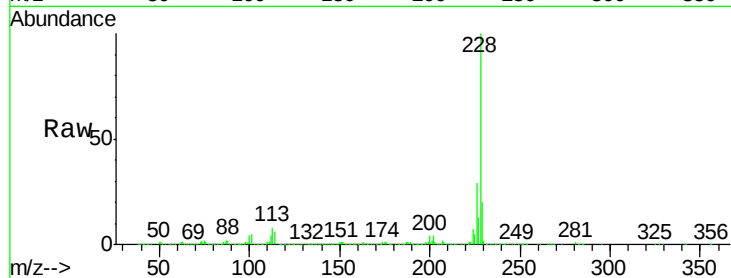
#83
 Chrysene
 Concen: 42.367 ng
 RT: 21.39 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200035MSD

Tgt Ion: 228 Resp: 1470162
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.0 34.6
 229 19.6 15.5 23.3

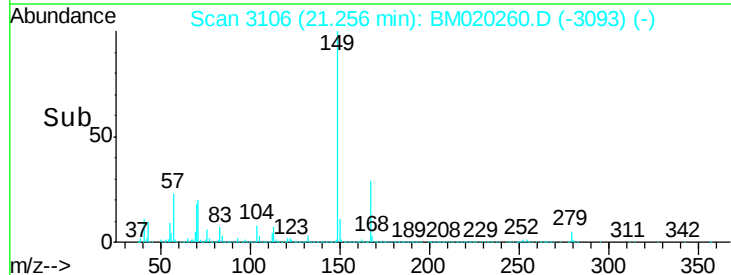
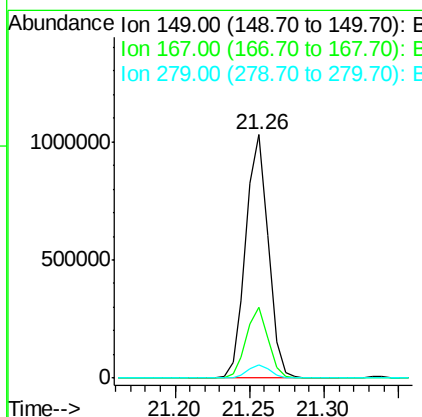
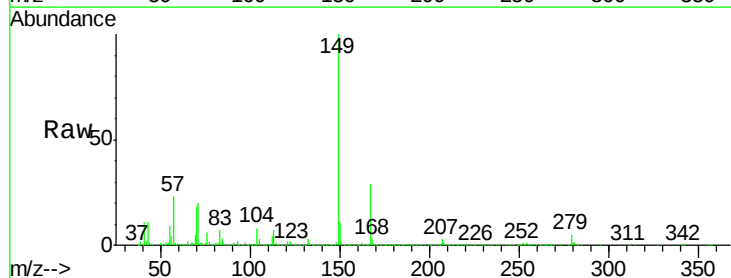
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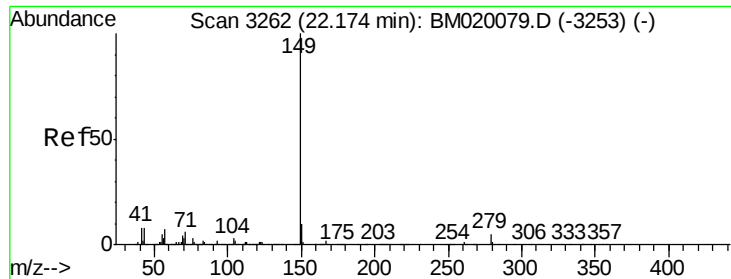
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.477 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM020260.D
 Acq: 11 May 2019 03:54

Tgt Ion: 149 Resp: 1072345
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.8 32.8
 279 5.5 4.2 6.2





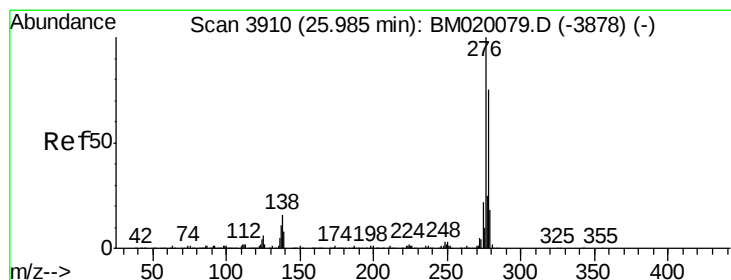
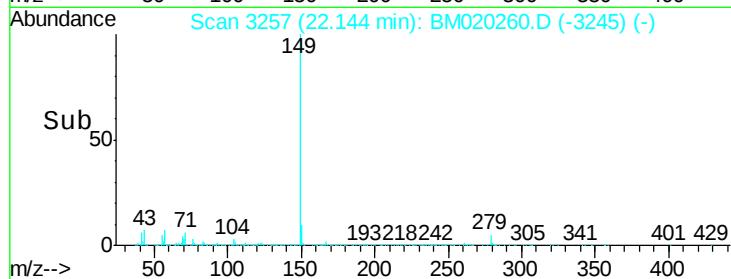
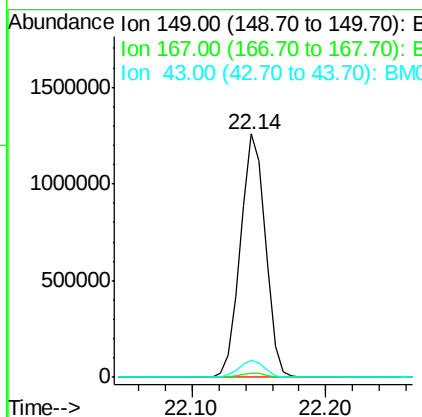
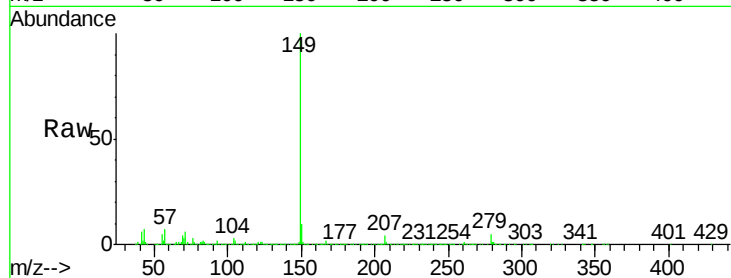
#85
Di-n-octyl phthalate
Concen: 50.371 ng
RT: 22.14 min Scan# 3257
Delta R.T. -0.03 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.0	6.5	9.7

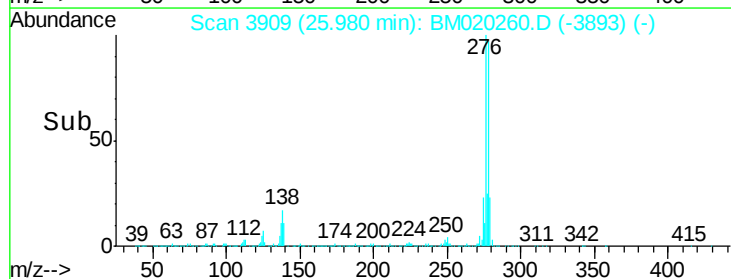
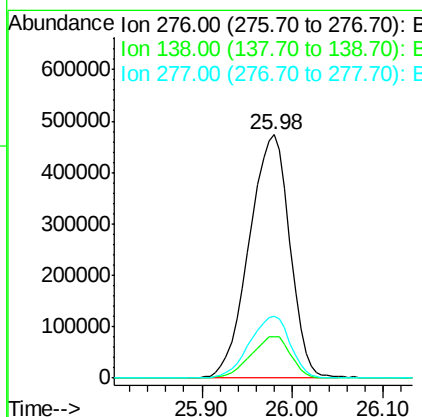
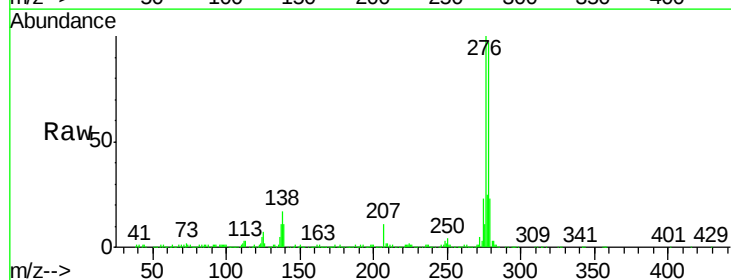
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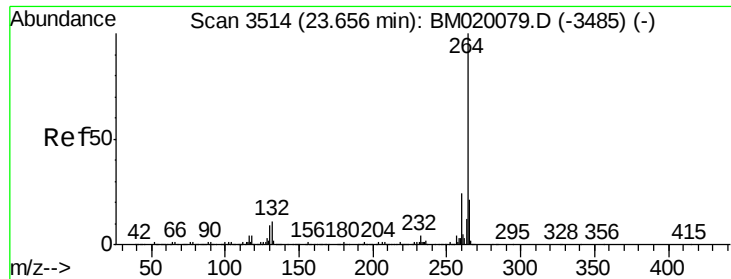
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.707 ng
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	0.0	0.0#
277	25.3	0.0	0.0#





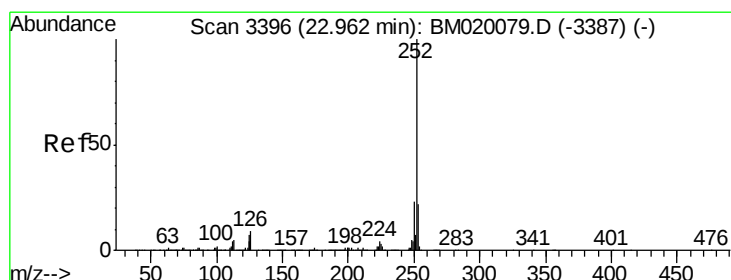
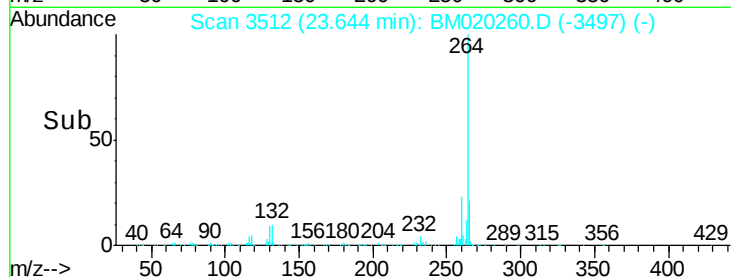
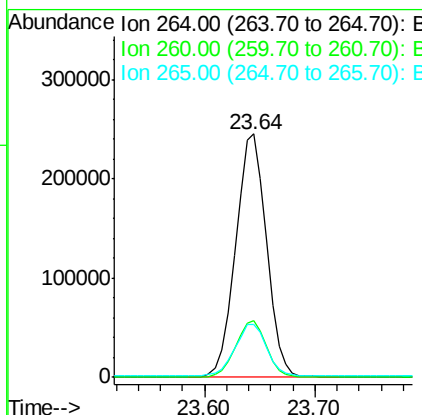
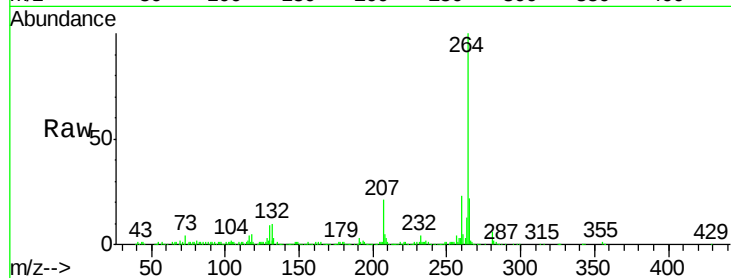
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	16.9	25.3

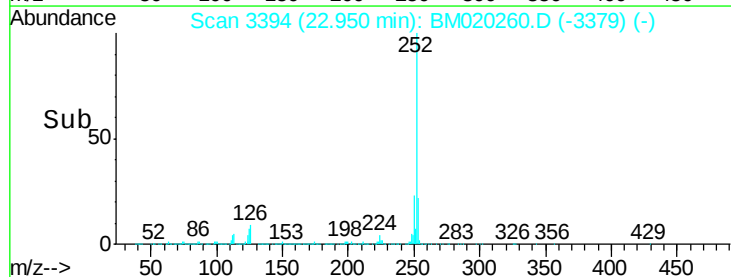
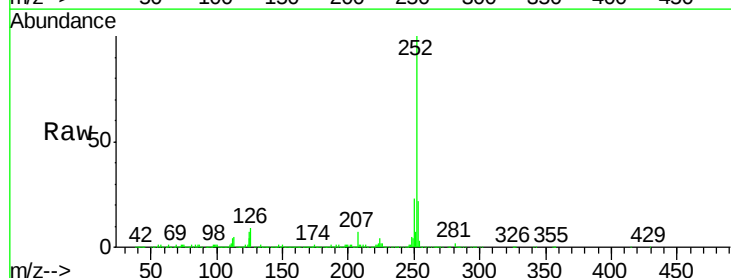
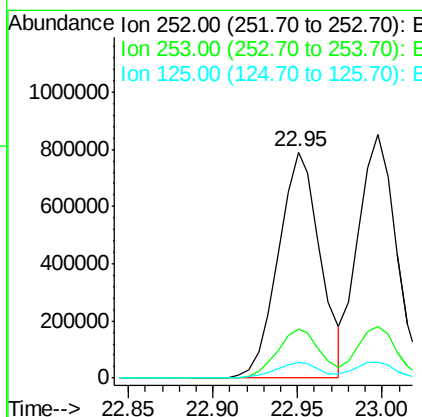
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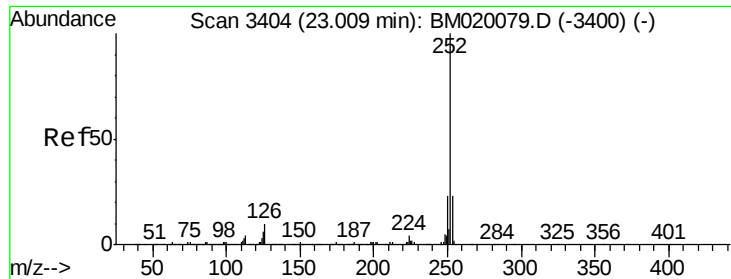
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.808 ng
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.0	5.4	8.2





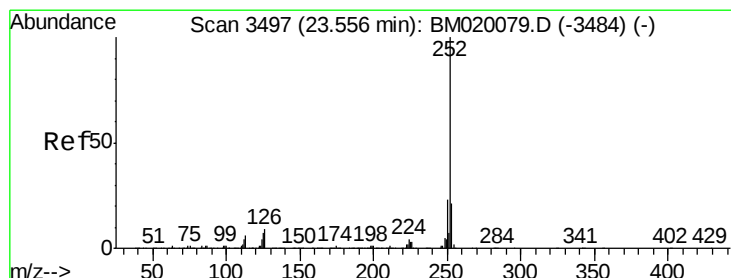
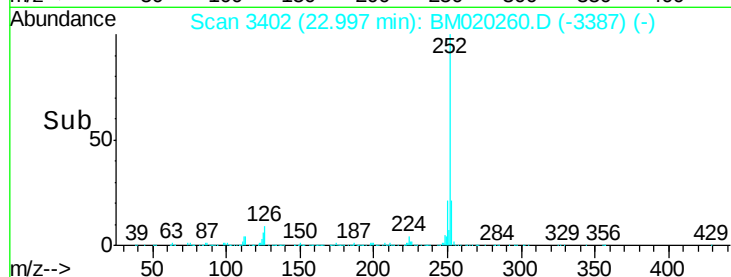
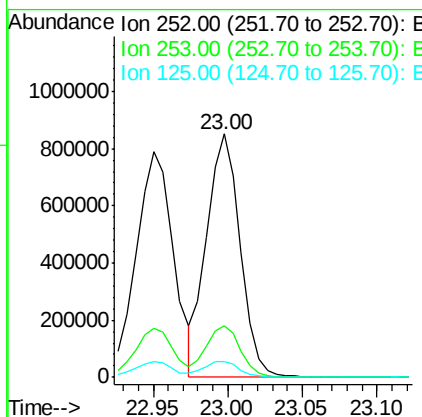
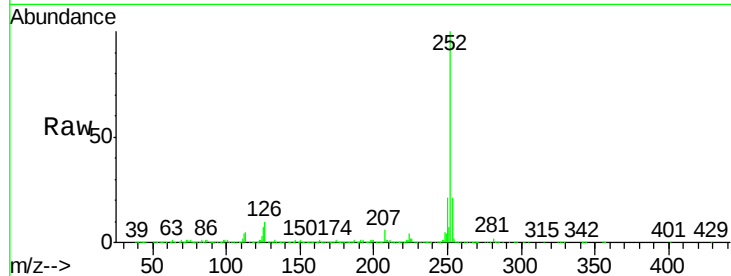
#89
Benzo(k)fluoranthene
Concen: 45.636 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Instrument :
BNA_M
ClientSampleId :
RBR-200035MSD

Tgt Ion: 252 Resp: 1326391
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 6.6 5.4 8.0

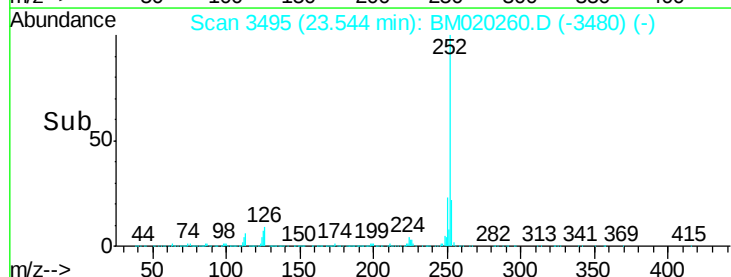
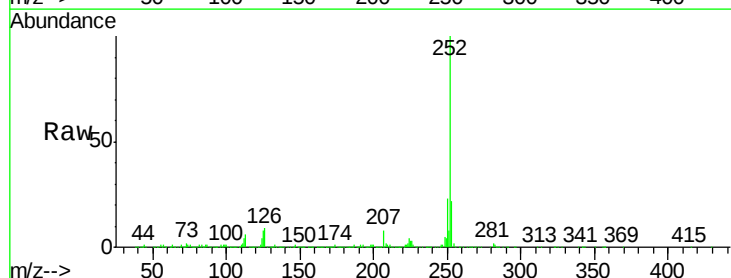
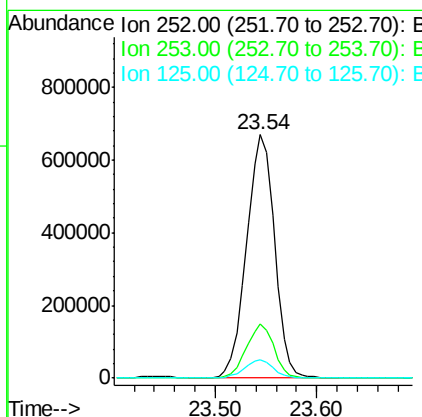
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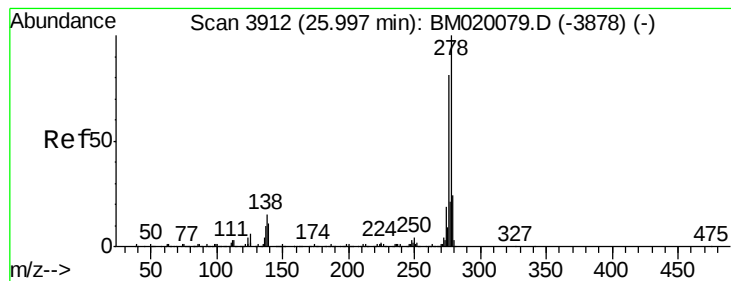
mohammad
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#90
Benzo(a)pyrene
Concen: 44.356 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM020260.D
Acq: 11 May 2019 03:54

Tgt Ion: 252 Resp: 1283727
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 7.5 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 41.934 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

Instrument :

BNA_M

ClientSampleId :

RBR-200035MSD

Tgt Ion:278 Resp: 1262131

Ion Ratio Lower Upper

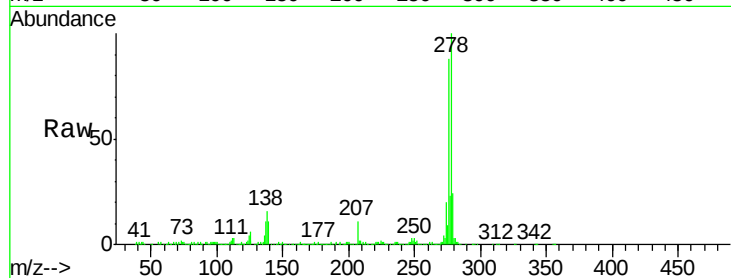
278 100

139 11.0 8.6 13.0

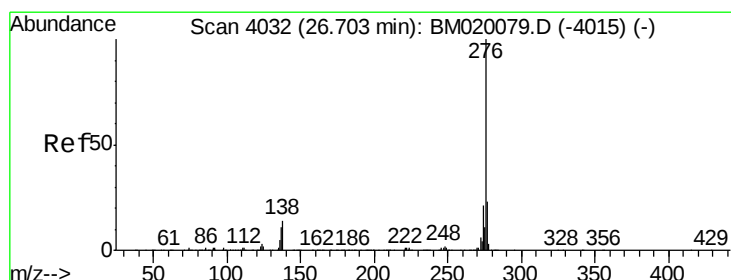
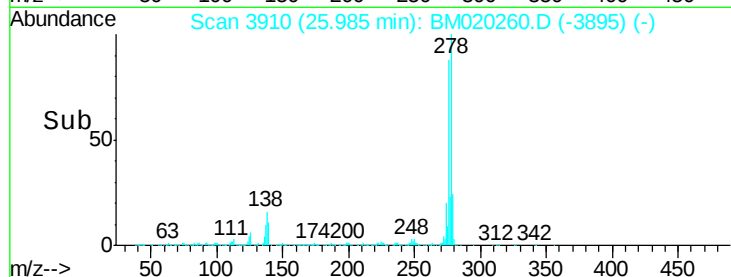
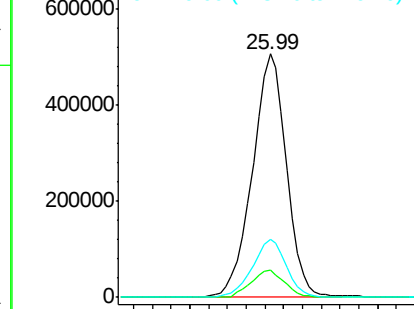
279 23.7 18.8 28.2

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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: 42.317 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020260.D

Acq: 11 May 2019 03:54

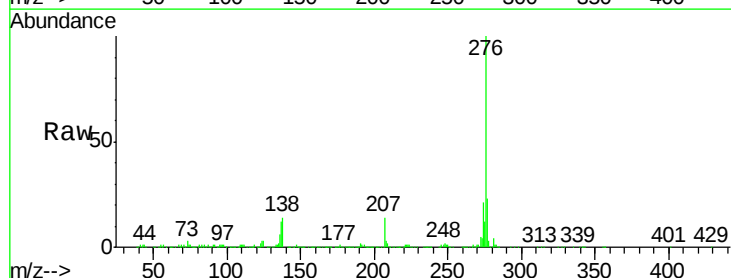
Tgt Ion:276 Resp: 1209216

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 14.5 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

