

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020145.D
 Acq On : 06 May 2019 20:50
 Operator : JU/SJ
 Sample : K2673-16MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Manual Integrations
 APPROVED

mohammad
 5/7/2019 3:11:47 PM

Quant Time: May 07 07:02:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	175423	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	587049	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	309548	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	682167	20.00	ng	0.00
76) Chrysene-d12	21.37	240	714542	20.00	ng	0.00
87) Perylene-d12	23.67	264	841964	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1797356	167.48	ng	0.00
7) Phenol-d6	6.97	99	2435555	166.12	ng	0.02
23) Nitrobenzene-d5	8.96	82	1633832	109.88	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	789994	164.42	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	2509620	99.75	ng	0.00
79) Terphenyl-d14	19.81	244	3425840	83.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	203242	38.614	ng	93
3) Pyridine	3.70	79	625453	46.463	ng	96
4) n-Nitrosodimethylamine	3.62	42	222927	51.643	ng	# 77
6) Aniline	7.13	93	545805	29.574	ng	100
8) 2-Chlorophenol	7.36	128	632839	54.156	ng	98
9) Benzaldehyde	6.95	77	447493	40.327	ng	97
10) Phenol	7.00	94	892190	56.527	ng	93
11) bis(2-Chloroethyl)ether	7.23	93	647083	56.407	ng	97
12) 1,3-Dichlorobenzene	7.68	146	684714	50.362	ng	97
13) 1,4-Dichlorobenzene	7.83	146	705079	51.336	ng	98
14) 1,2-Dichlorobenzene	8.15	146	665688	50.874	ng	99
15) Benzyl Alcohol	8.04	79	695519	49.197	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.32	45	469964	49.406	ng	98
17) 2-Methylphenol	8.24	107	545079	53.648	ng	95
18) Hexachloroethane	8.86	117	161511	28.203	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	610816	48.696	ng	96
20) 3+4-Methylphenols	8.57	107	717261	53.117	ng	97
22) Acetophenone	8.62	105	992756	61.877	ng	# 97
24) Nitrobenzene	9.00	77	857008	55.588	ng	96
25) Isophorone	9.52	82	1472055	57.408	ng	99
26) 2-Nitrophenol	9.71	139	182632	39.238	ng	92
27) 2,4-Dimethylphenol	9.76	122	534431	68.968	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	818084	58.578	ng	99
29) 2,4-Dichlorophenol	10.24	162	580144	59.373	ng	99
30) 1,2,4-Trichlorobenzene	10.45	180	690707	57.449	ng	98
31) Naphthalene	10.64	128	1731462	56.836	ng	99
32) Benzoic acid	9.86	122	58278	15.725	ng	# 89
33) 4-Chloroaniline	10.76	127	412837	32.925	ng	97
34) Hexachlorobutadiene	10.90	225	454891	53.484	ng	97
35) Caprolactam	11.56	113	156141m	53.442	ng	
36) 4-Chloro-3-methylphenol	11.88	107	595698	51.878	ng	95
37) 2-Methylnaphthalene	12.25	142	1203060	54.169	ng	96
38) 1-Methylnaphthalene	12.47	142	1140142	52.498	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	738845	61.008	ng	98

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Instrument :
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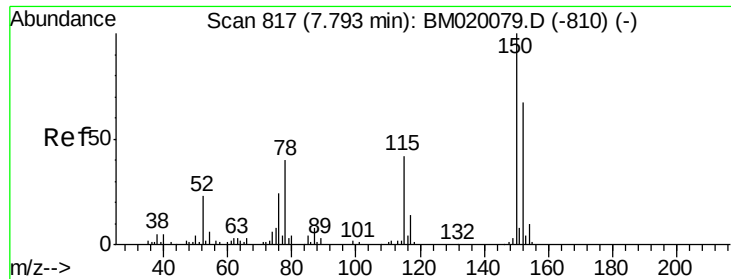
Manual Integrations
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Quant Time: May 07 07:02:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
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 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	29731	4.169	ng	95
43) 2,4,6-Trichlorophenol	12.87	196	470367	68.339	ng	98
44) 2,4,5-Trichlorophenol	12.94	196	491309	63.897	ng	98
46) 1,1'-Biphenyl	13.27	154	1504591	59.053	ng	98
47) 2-Chloronaphthalene	13.32	162	1188081	58.403	ng	99
48) 2-Nitroaniline	13.53	65	479526	66.212	ng	93
49) Acenaphthylene	14.16	152	1853866	56.943	ng	99
50) Dimethylphthalate	13.90	163	1814792	68.979	ng	99
51) 2,6-Dinitrotoluene	14.03	165	238395	43.022	ng	92
52) Acenaphthene	14.50	154	1044893	55.967	ng	99
53) 3-Nitroaniline	14.36	138	306755	59.646	ng	96
54) 2,4-Dinitrophenol	14.56	184	2316	9.218	ng	91
55) Dibenzofuran	14.84	168	1710199	54.307	ng	99
56) 4-Nitrophenol	14.67	139	455001	103.692	ng	93
57) 2,4-Dinitrotoluene	14.82	165	281702	37.413	ng	94
58) Fluorene	15.49	166	1359226	52.555	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	442047	60.497	ng	97
60) Diethylphthalate	15.26	149	1418418	53.513	ng	100
61) 4-Chlorophenyl-phenylether	15.48	204	776006	52.955	ng	97
62) 4-Nitroaniline	15.53	138	337013	59.378	ng	94
63) Azobenzene	15.77	77	1498427	47.919	ng	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	2776	7.848	ng	# 50
66) n-Nitrosodiphenylamine	15.70	169	1187144	59.141	ng	100
67) 4-Bromophenyl-phenylether	16.38	248	468271	55.979	ng	95
68) Hexachlorobenzene	16.49	284	533298	55.401	ng	96
69) Atrazine	16.65	200	345649	44.063	ng	97
70) Pentachlorophenol	16.83	266	688879	125.076	ng	98
71) Phenanthrene	17.23	178	2290525	60.827	ng	99
72) Anthracene	17.32	178	2254549	59.883	ng	100
73) Carbazole	17.60	167	1864605	54.887	ng	99
74) Di-n-butylphthalate	18.14	149	2161635	52.874	ng	98
75) Fluoranthene	19.24	202	3224321	67.674	ng	100
77) Benzidine	19.44	184	81862	3.583	ng	# 93
78) Pyrene	19.61	202	3245219	67.646	ng	99
80) Butylbenzylphthalate	20.50	149	1022501	58.611	ng	97
81) Benzo(a)anthracene	21.36	228	3153526	62.931	ng	98
82) 3,3'-Dichlorobenzidine	21.29	252	753687	39.407	ng	99
83) Chrysene	21.41	228	2932654	60.344	ng	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	2526783	93.339	ng	98
85) Di-n-octyl phthalate	22.17	149	2807858	62.405	ng	# 99
86) Indeno(1,2,3-cd)pyrene	26.03	276	3725212	64.442	ng	# 100
88) Benzo(b)fluoranthene	22.98	252	3553047	63.905	ng	99
89) Benzo(k)fluoranthene	23.03	252	2977074	58.700	ng	99
90) Benzo(a)pyrene	23.57	252	3232316	64.004	ng	98
91) Dibenzo(a,h)anthracene	26.03	278	2900874	55.234	ng	99
92) Benzo(g,h,i)perylene	26.75	276	3145142	63.076	ng	99

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



#1

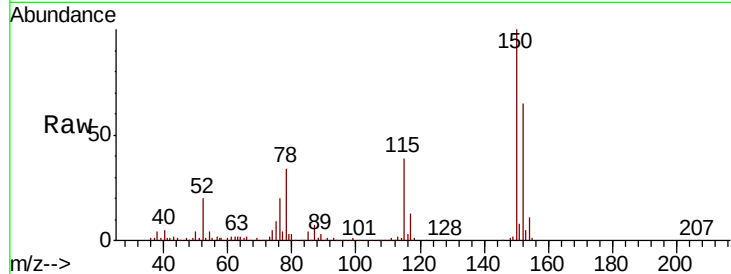
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.8	179.8
115	60.7	50.8	76.2

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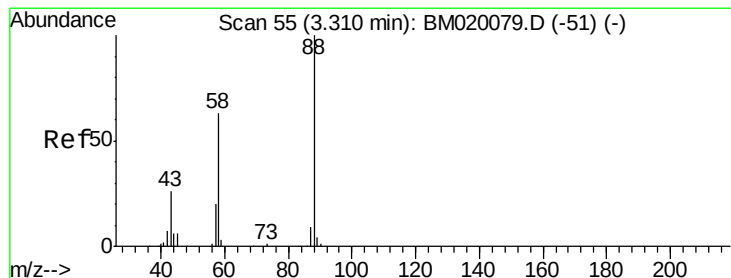
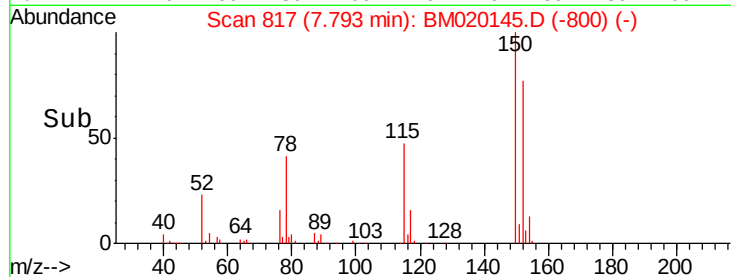
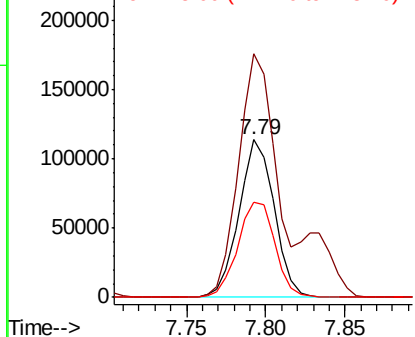


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

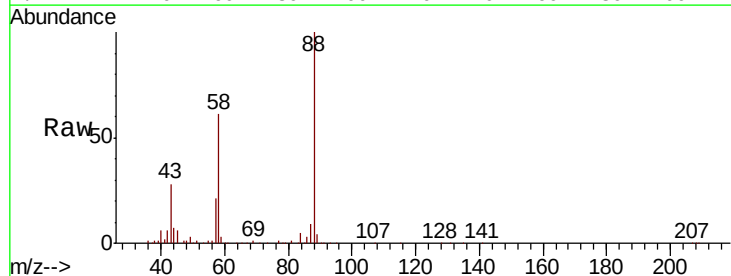
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.614 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	51.8	77.6
43	22.8	20.3	30.5

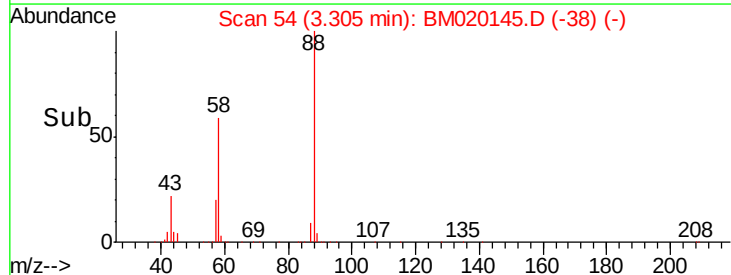
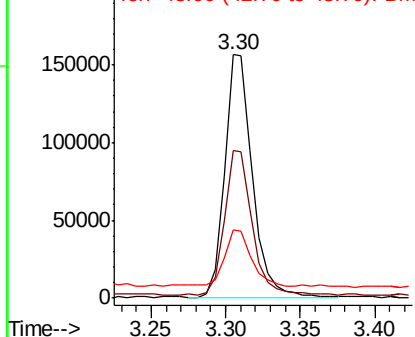


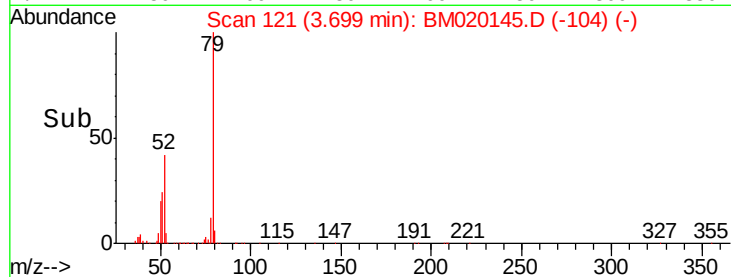
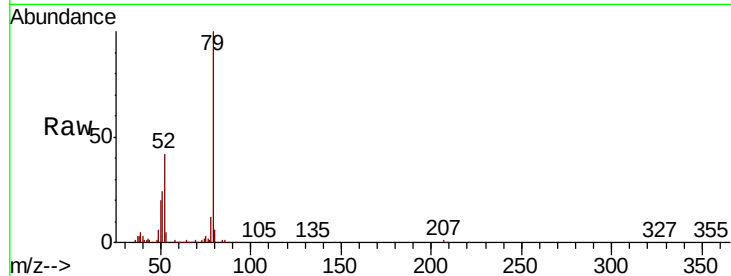
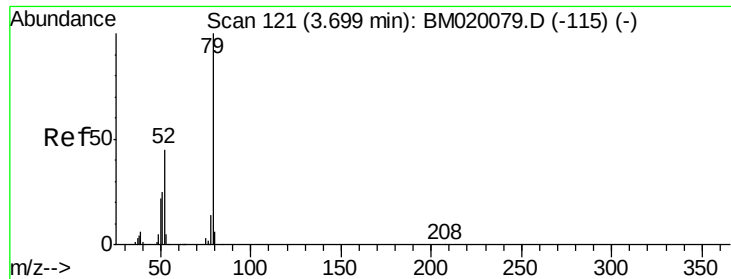
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





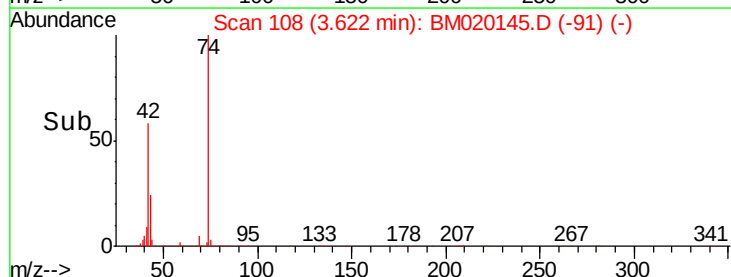
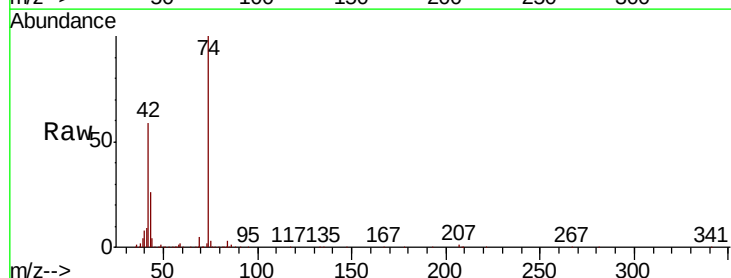
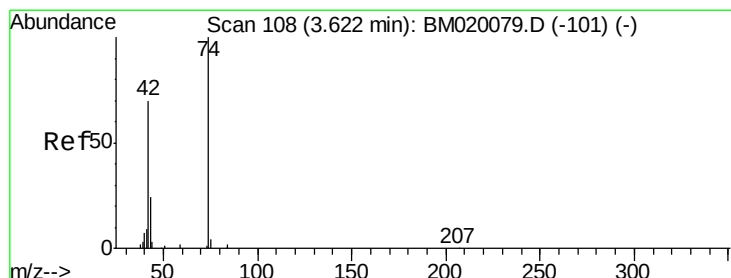
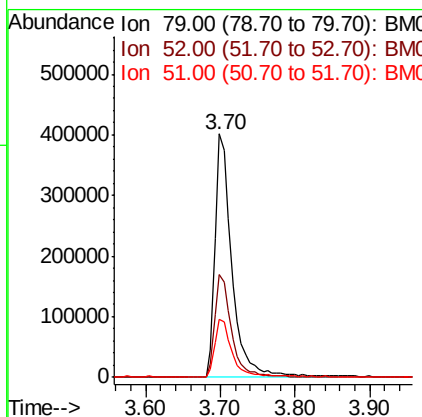
#3
 Pvridine
 Concen: 46.463 ng
 RT: 3.70 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	42.2	35.7	53.5
51	24.1	20.8	31.2

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

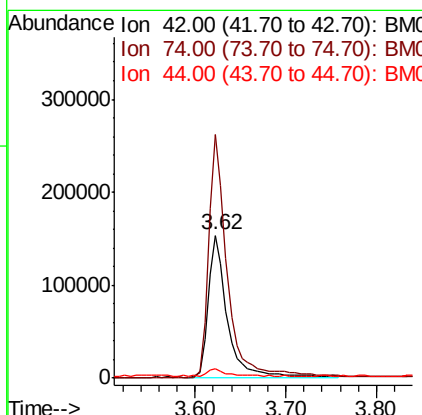
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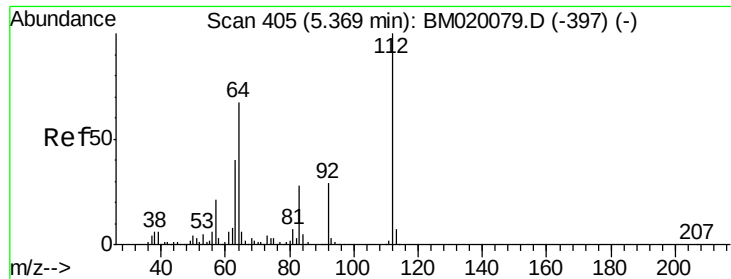
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#4
 n-Nitrosodimethylamine
 Concen: 51.643 ng
 RT: 3.62 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.9	113.7	170.5#
44	6.3	3.9	5.9#





#5

2-Fluorophenol

Concen: 167.478 ng

RT: 5.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMSD

Tot Ion:112 Resp: 1797356

Ion Ratio Lower Upper

112 100

64 69.0 53.8 80.6

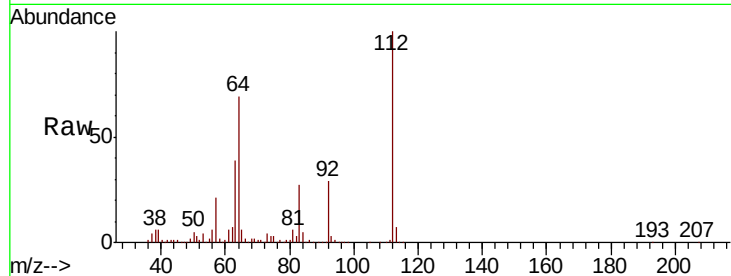
63 38.6 32.3 48.5

Manual Integrations

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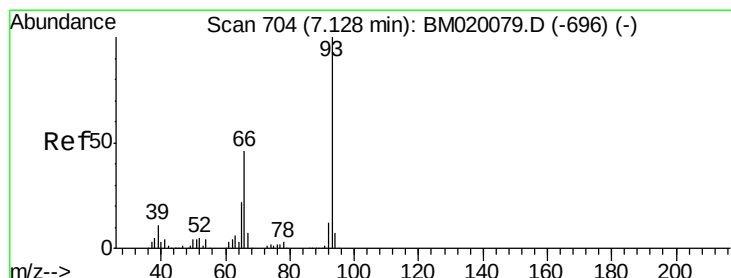
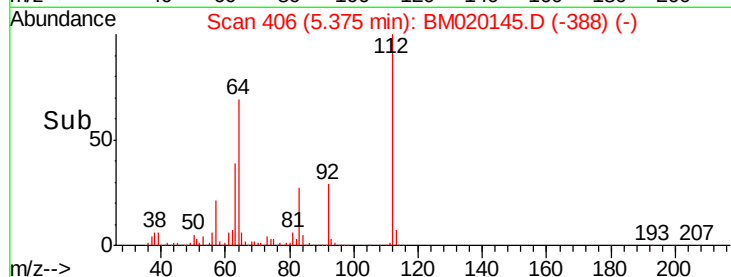
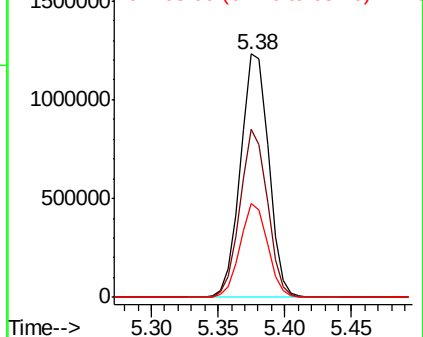
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 29.574 ng

RT: 7.13 min Scan# 705

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

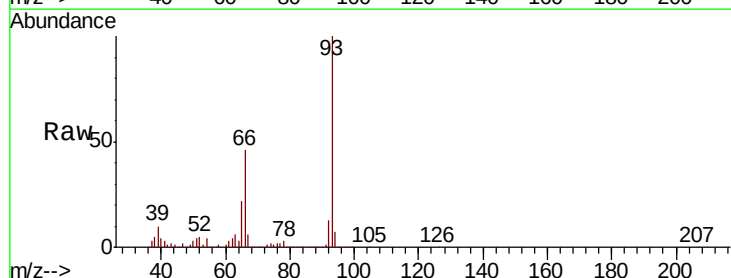
Tgt Ion: 93 Resp: 545805

Ion Ratio Lower Upper

93 100

66 45.6 36.6 54.8

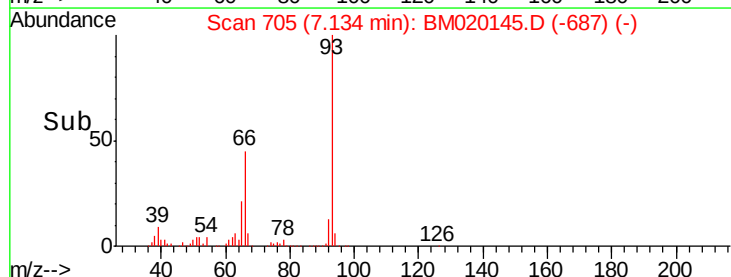
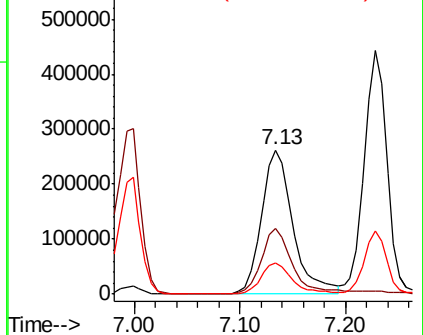
65 21.7 17.8 26.6

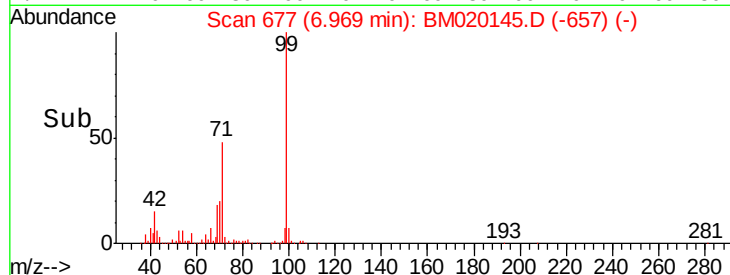
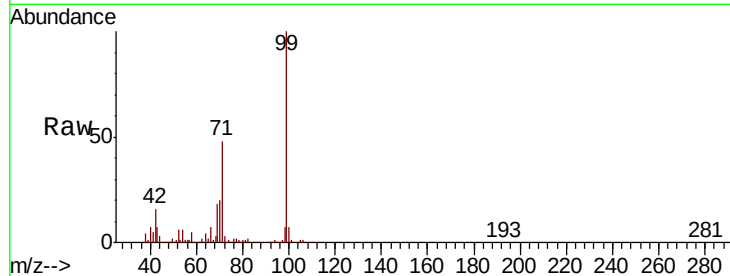
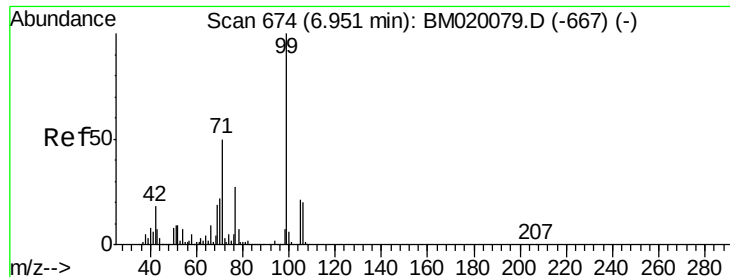


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 166.121 ng

RT: 6.97 min Scan# 677

Delta R.T. 0.02 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Tot Ion: 99 Resp: 243555

Ion Ratio Lower Upper

99 100

42 15.5 14.2 21.2

71 47.9 40.3 60.5

Instrument :

BNA_M

ClientSampleId :

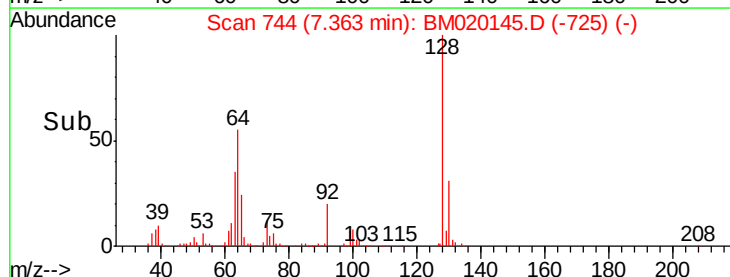
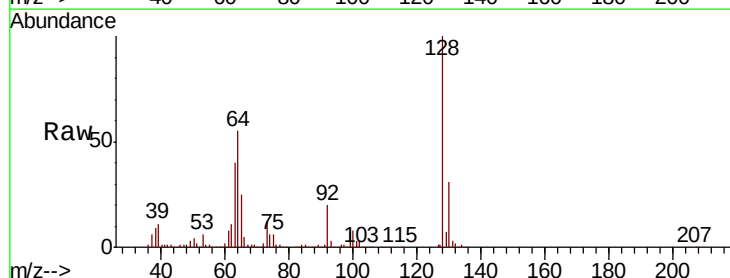
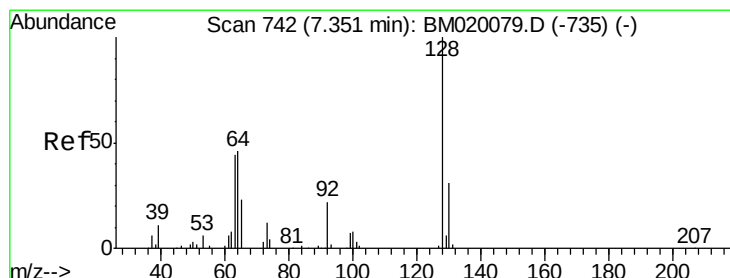
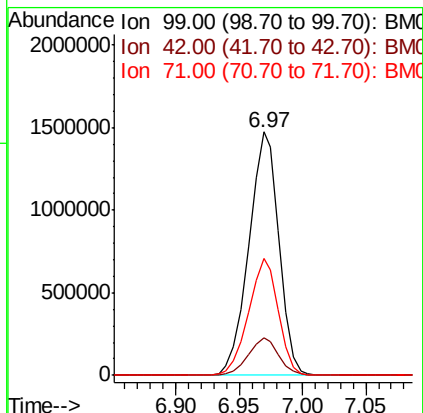
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#8

2-Chlorophenol

Concen: 54.156 ng

RT: 7.36 min Scan# 744

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

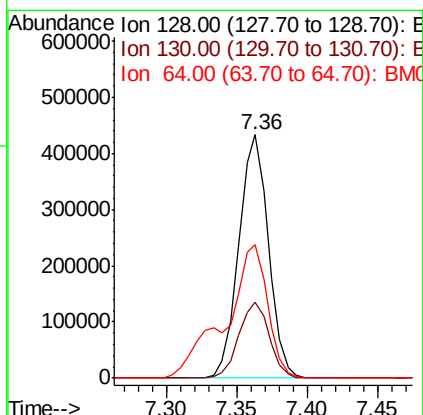
Tgt Ion: 128 Resp: 632839

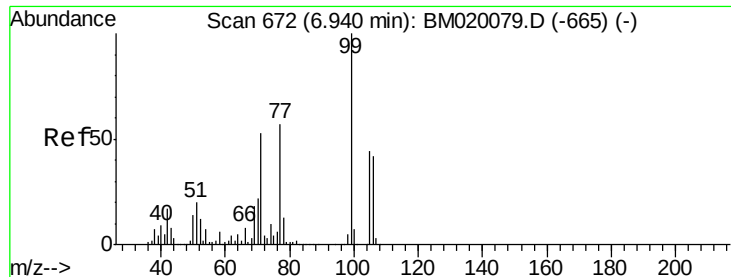
Ion Ratio Lower Upper

128 100

130 31.4 10.8 50.8

64 55.1 36.5 76.5





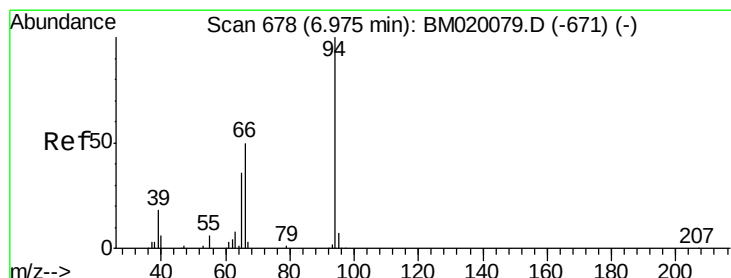
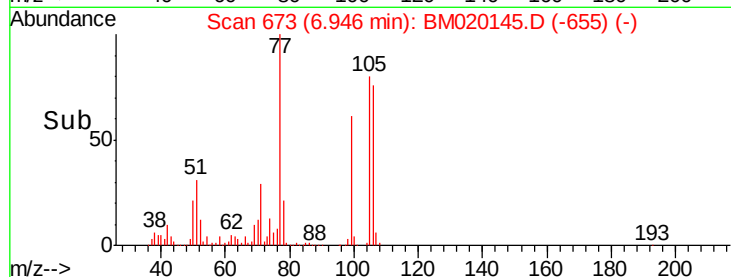
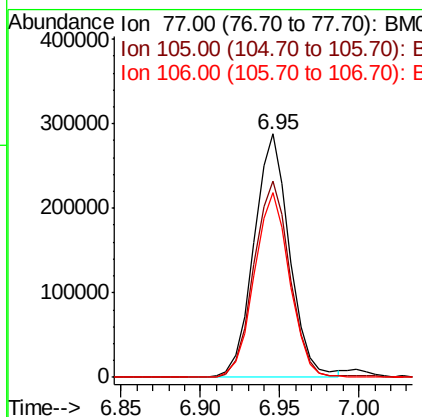
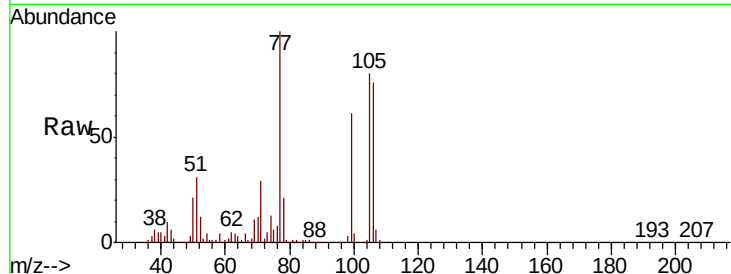
#9
Benzaldehyde
Concen: 40.327 ng
RT: 6.95 min Scan# 673
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	80.4	57.8	97.8
106	75.8	53.6	93.6

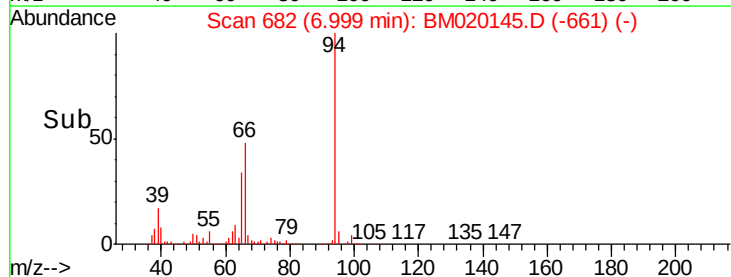
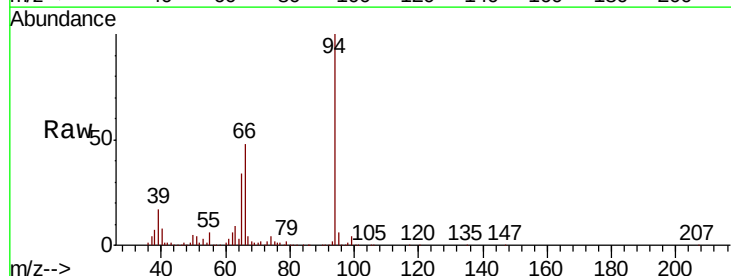
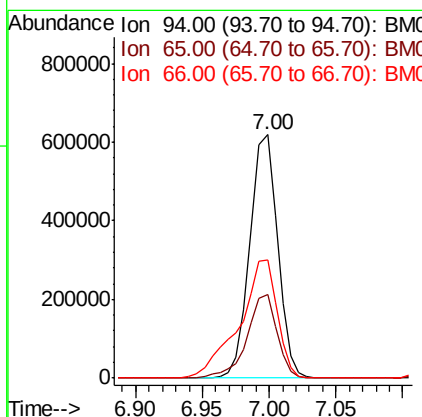
Manual Integrations
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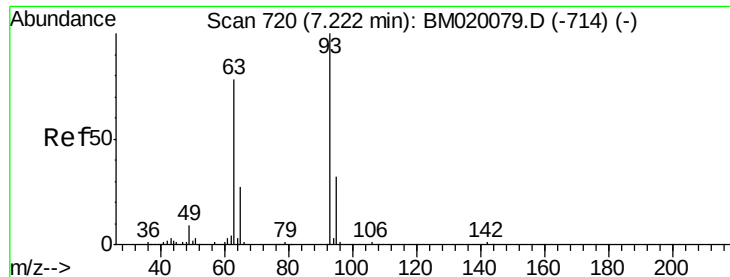
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#10
Phenol
Concen: 56.527 ng
RT: 7.00 min Scan# 682
Delta R.T. 0.02 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.2	17.0	57.0
66	48.5	34.5	74.5





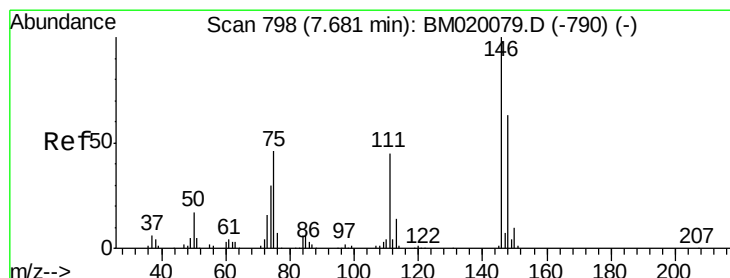
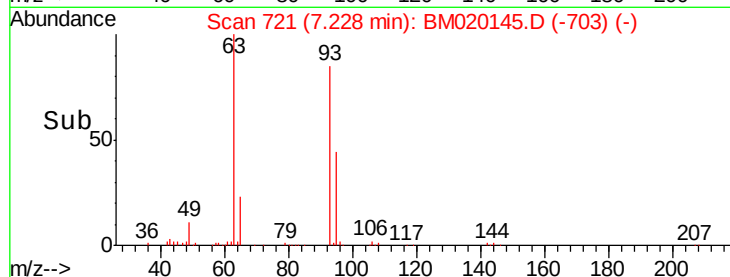
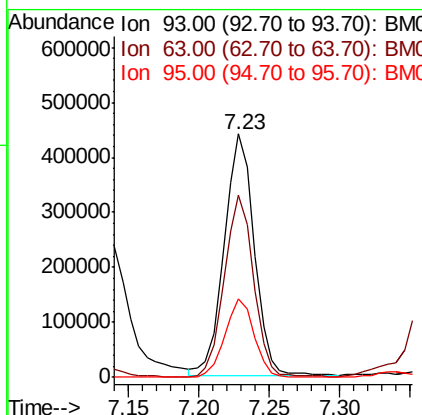
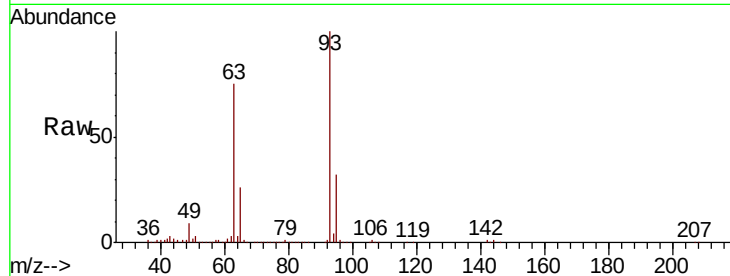
#11
bis(2-Chloroethyl)ether
Concen: 56.407 ng
RT: 7.23 min Scan# 721
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	57.9	97.9
95	32.2	11.3	51.3

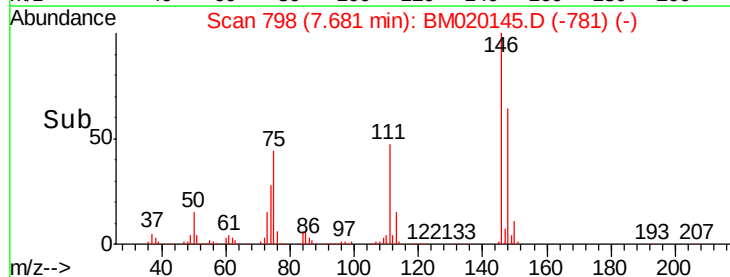
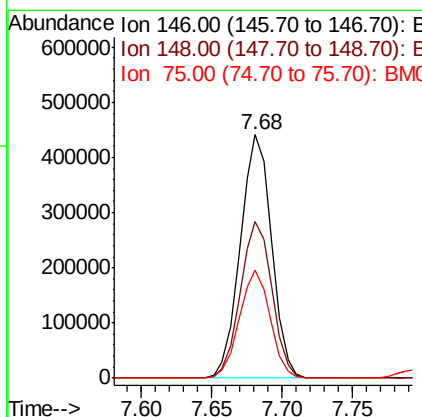
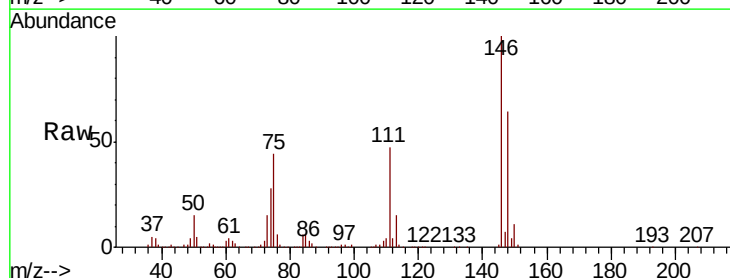
Manual Integrations
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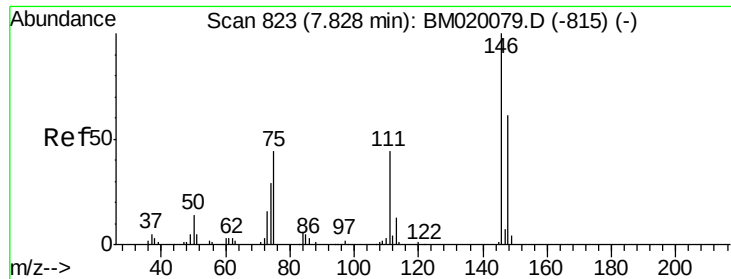
mohammad
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#12
1,3-Dichlorobenzene
Concen: 50.362 ng
RT: 7.68 min Scan# 798
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.1	75.1
75	44.3	37.2	55.8





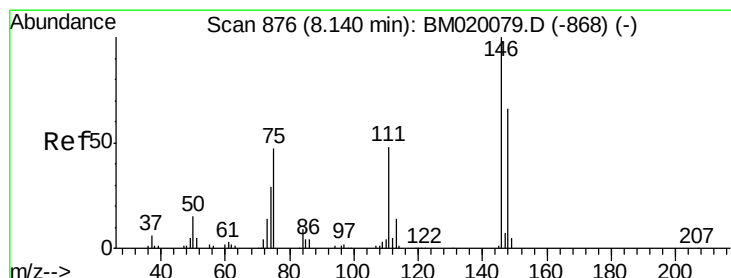
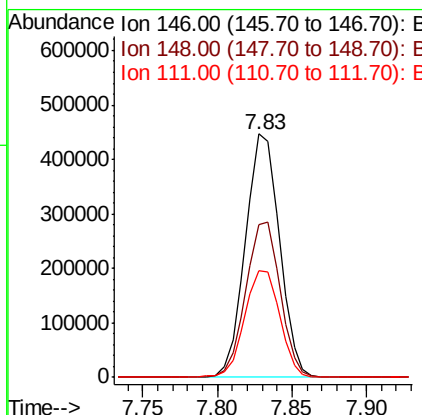
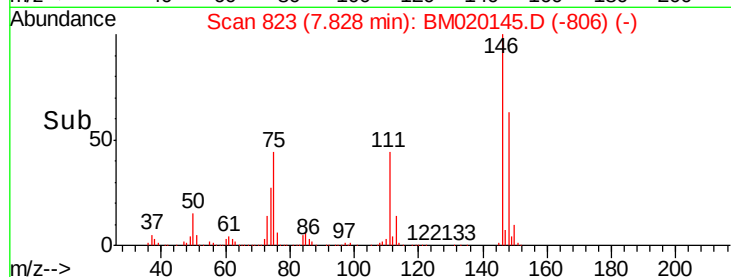
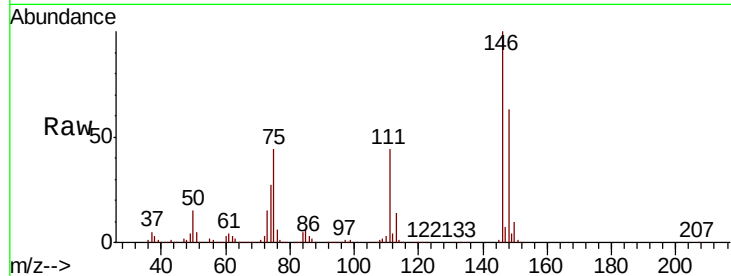
#13
 1,4-Dichlorobenzene
 Concen: 51.336 ng
 RT: 7.83 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	48.5	72.7
111	43.8	35.7	53.5

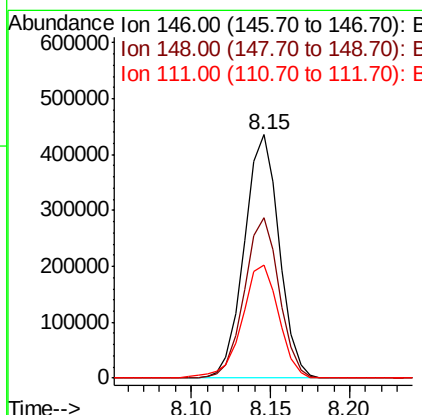
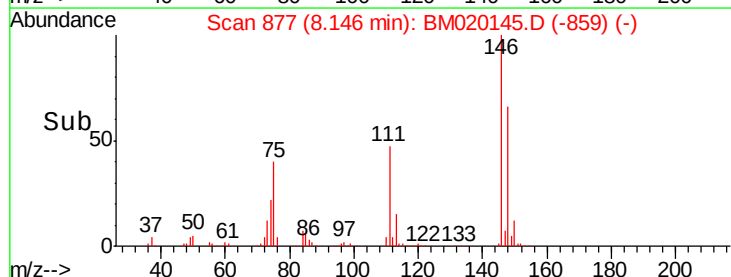
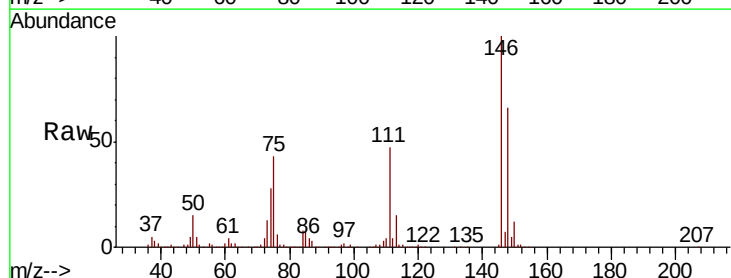
Manual Integrations
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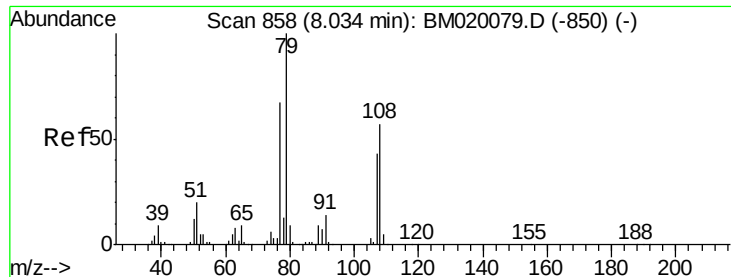
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#14
 1,2-Dichlorobenzene
 Concen: 50.874 ng
 RT: 8.15 min Scan# 877
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.6	79.0
111	46.6	39.0	58.4





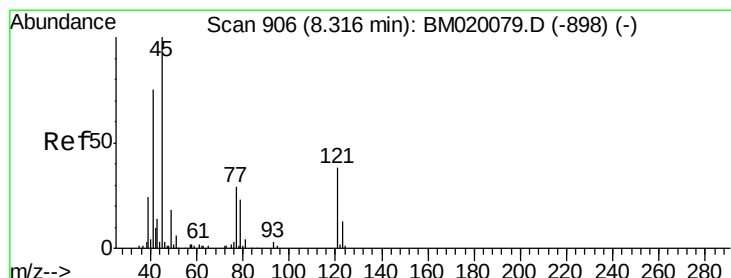
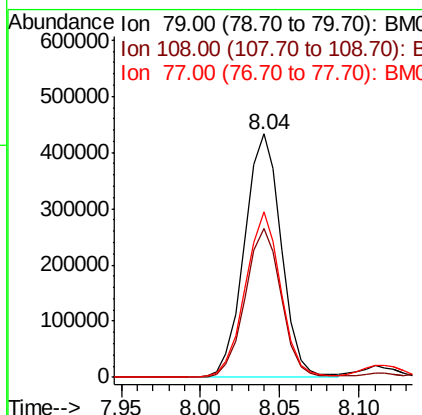
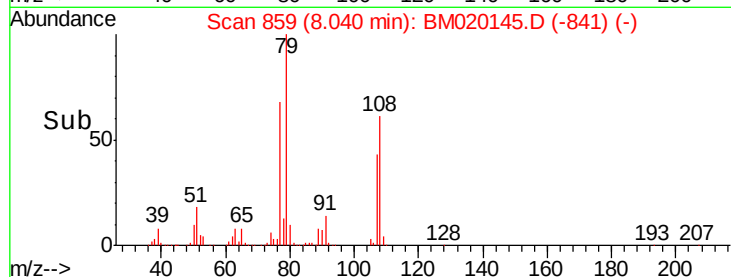
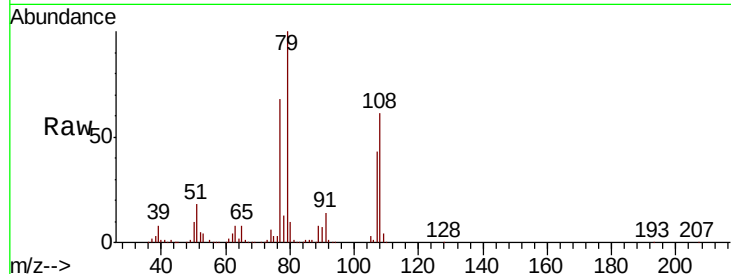
#15
Benzyl Alcohol
Concen: 49.197 ng
RT: 8.04 min Scan# 859
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.9	46.0	69.0
77	68.0	53.8	80.6

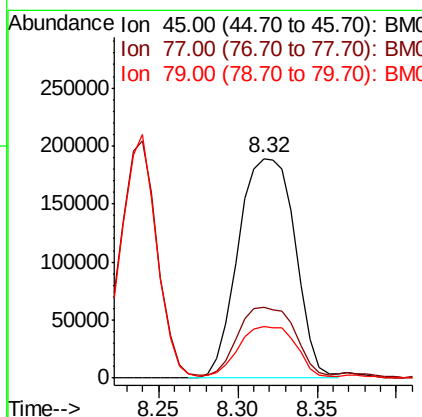
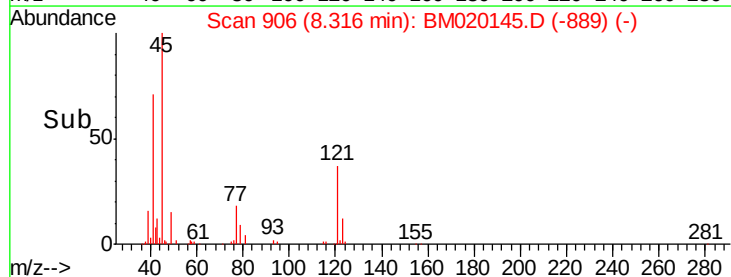
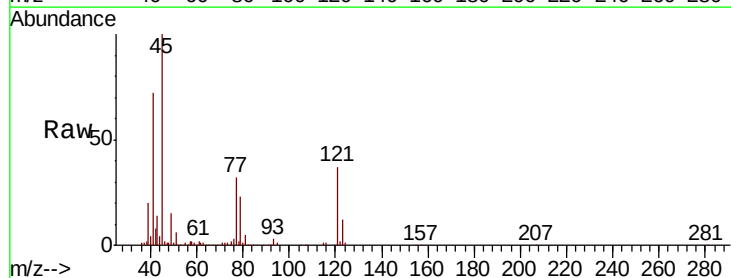
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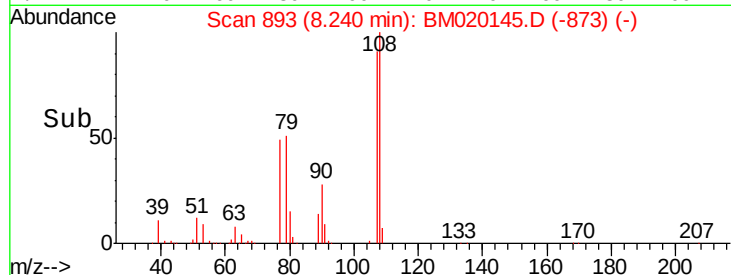
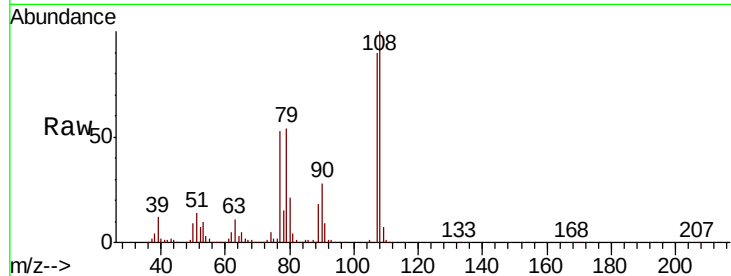
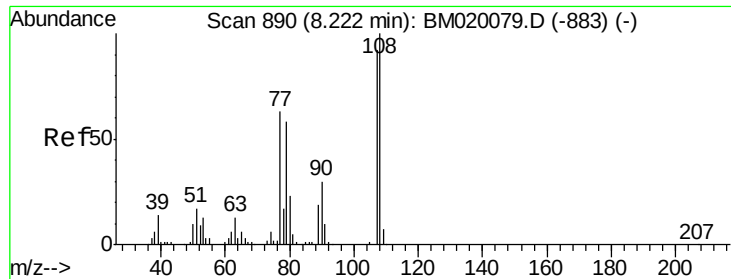
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#16
2,2'-oxybis(1-chloropropane)
Concen: 49.406 ng
RT: 8.32 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.9	10.5	50.5
79	23.5	3.3	43.3





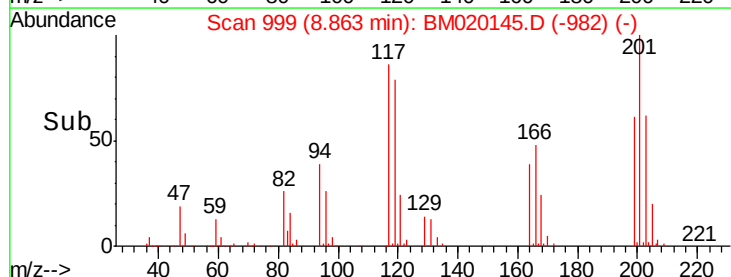
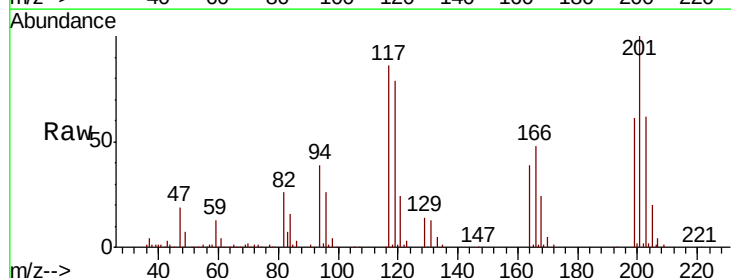
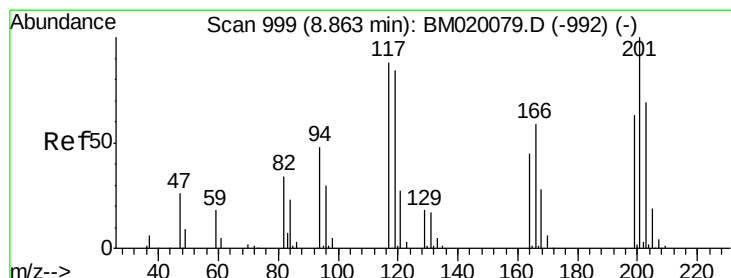
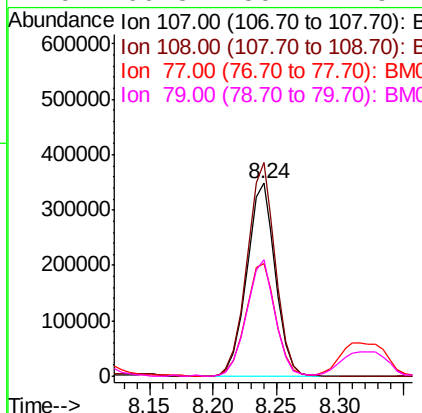
#17
2-Methylphenol
Concen: 53.648 ng
RT: 8.24 min Scan# 893
Delta R.T. 0.02 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	87.0	130.4	
77	58.7	54.7	82.1	
79	60.3	50.1	75.1	

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

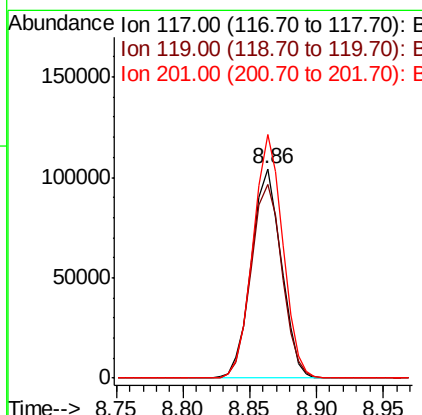
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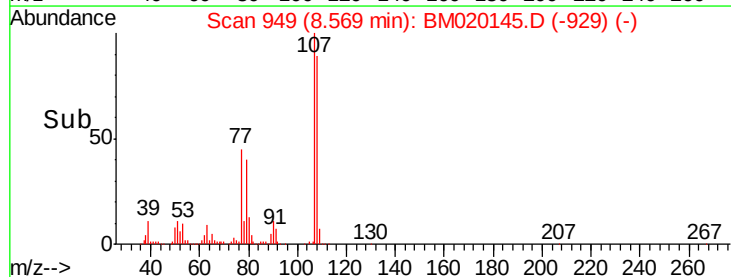
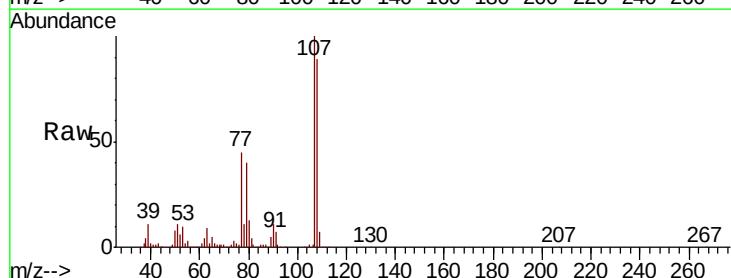
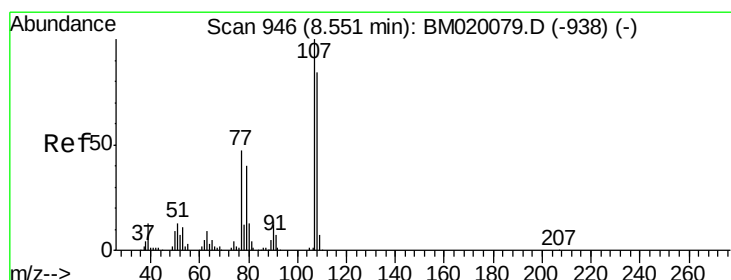
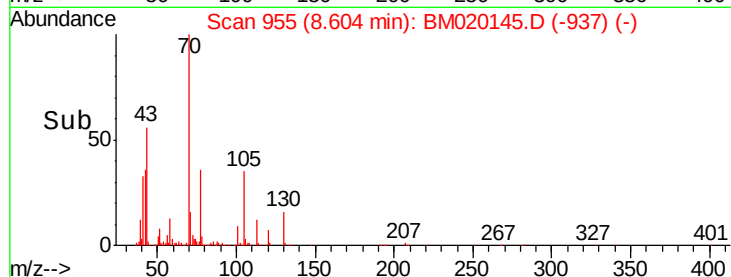
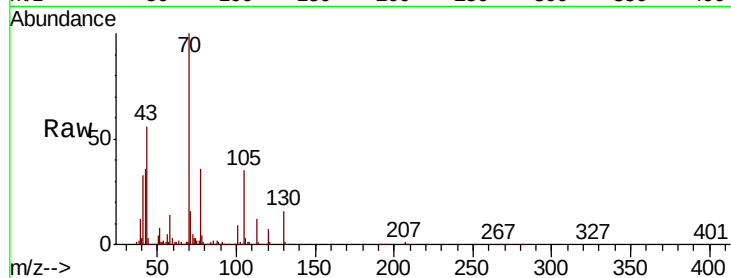
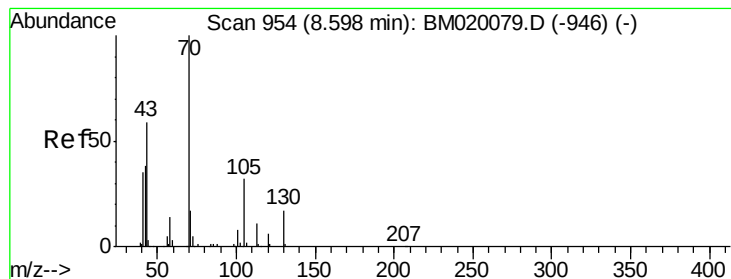
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#18
Hexachloroethane
Concen: 28.203 ng
RT: 8.86 min Scan# 999
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	76.6	114.8	
201	116.2	90.7	136.1	





#19

n-Nitroso-di-n-propylamine

Concen: 48.696 ng

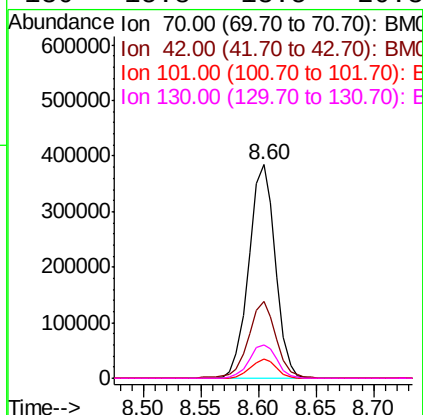
RT: 8.60 min Scan# 955

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		610816		
42	35.8	31.0	46.4		
101	8.9	6.2	9.2		
130	15.8	13.5	20.3		



Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMSD

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#20

3+4-Methylphenols

Concen: 53.117 ng

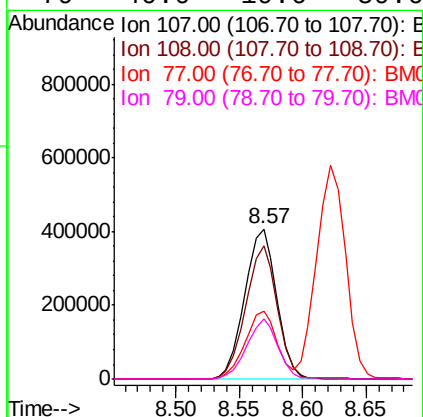
RT: 8.57 min Scan# 949

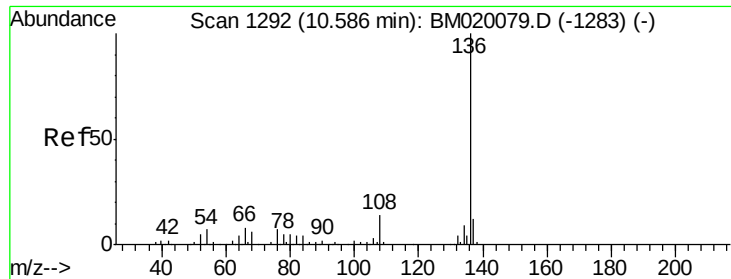
Delta R.T. 0.02 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		717261		
108	88.5	64.4	104.4		
77	45.4	27.2	67.2		
79	40.0	19.6	59.6		





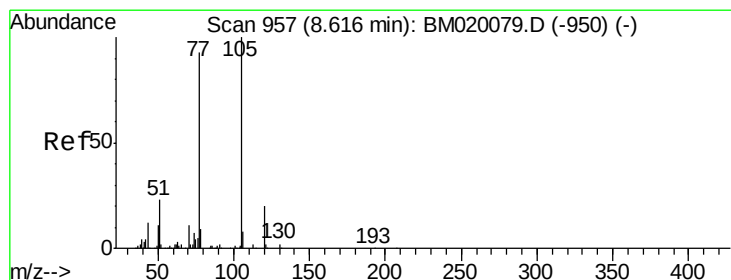
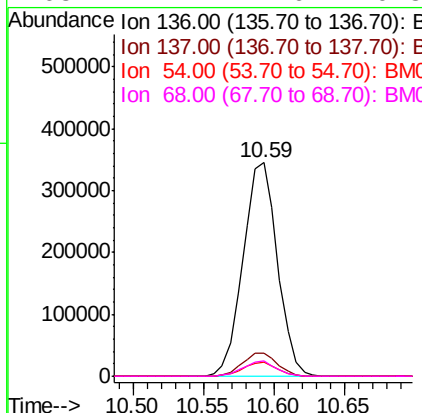
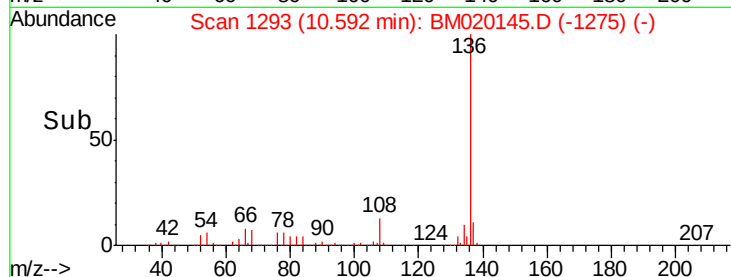
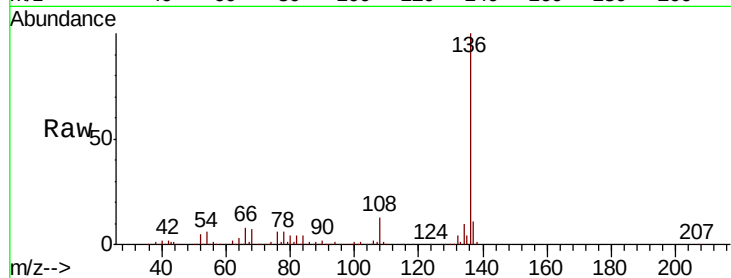
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	587049		
137	11.1		9.6	14.4
54	6.4		5.5	8.3
68	7.1		4.6	6.8#

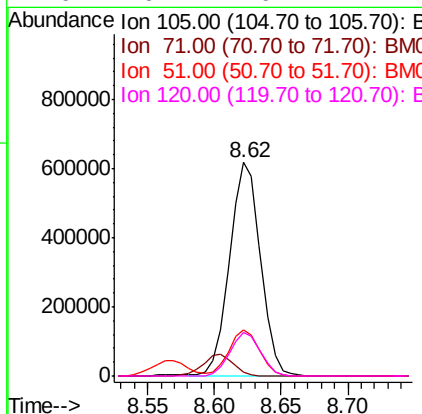
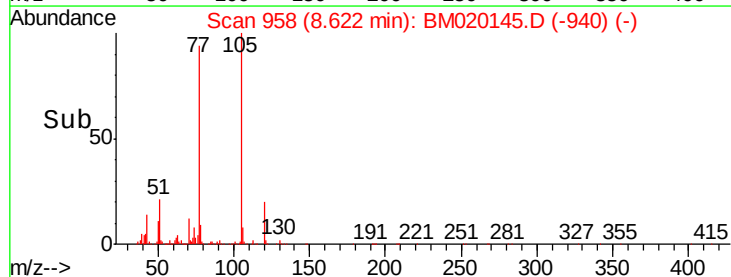
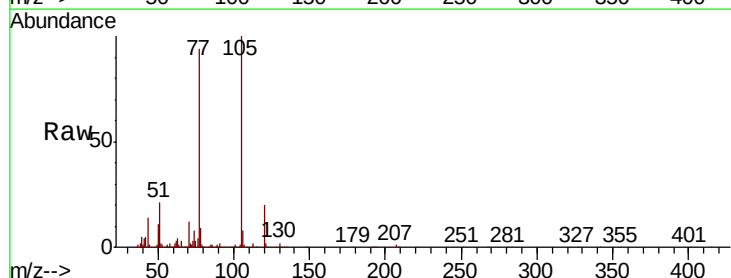
Manual Integrations
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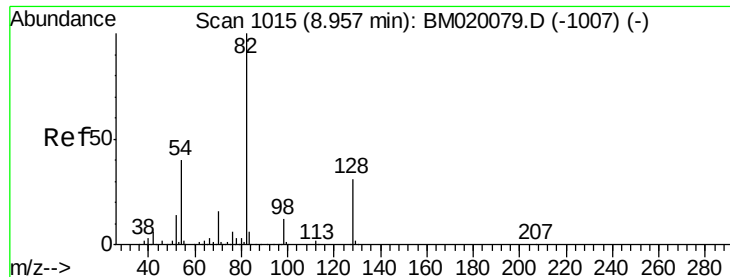
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#22
Acetophenone
Concen: 61.877 ng
RT: 8.62 min Scan# 958
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	992756		
71	1.9		2.2	3.2#
51	21.5		19.3	28.9
120	20.4		16.2	24.4





#23

Nitrobenzene-d5

Concen: 109.878 ng

RT: 8.96 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMSD

Tot Ion: 82 Resp: 1633832

Ion Ratio Lower Upper

82 100

128 32.8 25.2 37.8

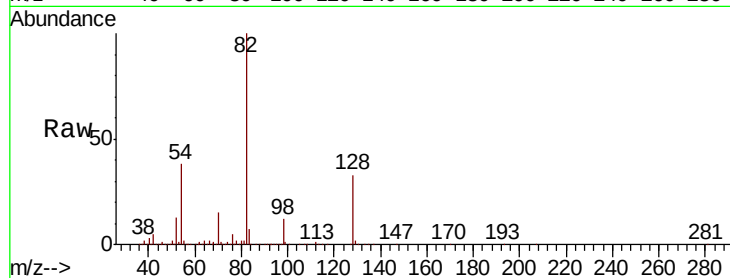
54 37.6 31.9 47.9

Manual Integrations

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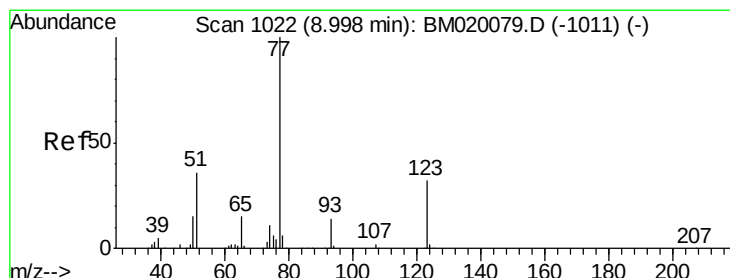
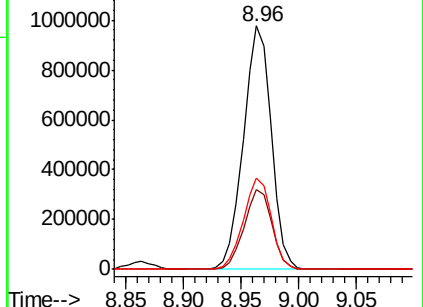
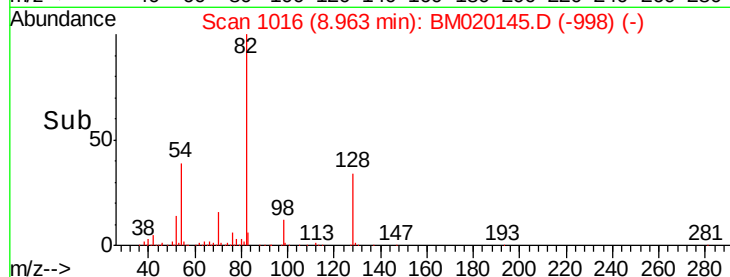
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Abundance Ion 82.00 (81.70 to 82.70): BM020145.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020145.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020145.D (-1007) (-)



#24

Nitrobenzene

Concen: 55.588 ng

RT: 9.00 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

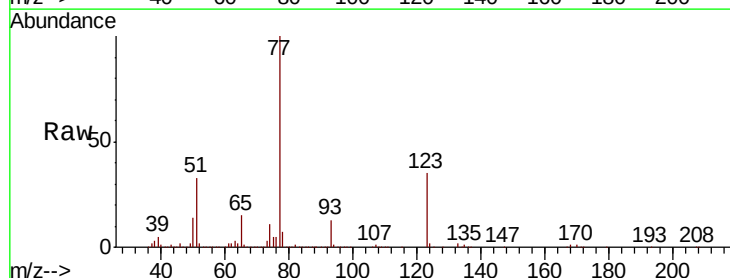
Tgt Ion: 77 Resp: 857008

Ion Ratio Lower Upper

77 100

123 35.3 25.5 38.3

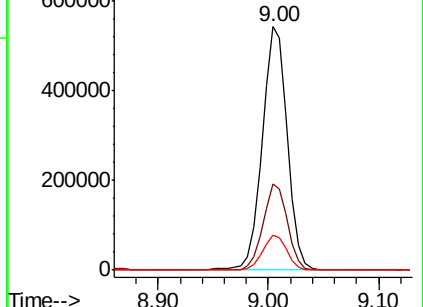
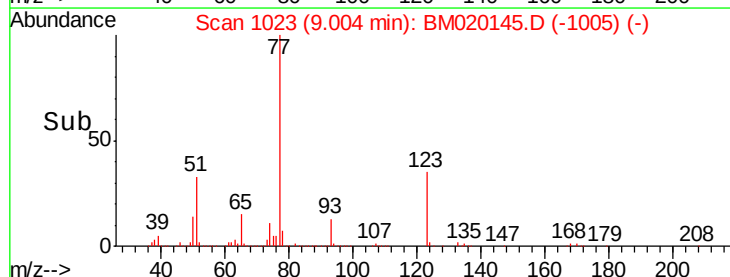
65 14.5 11.8 17.6

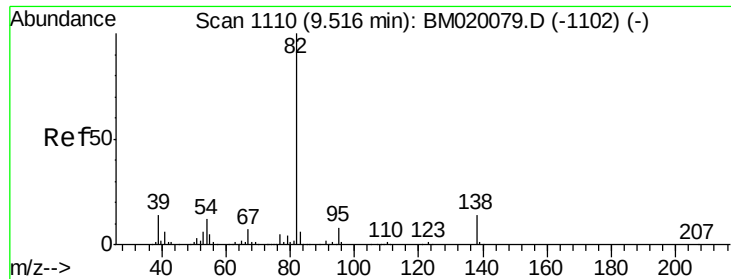


Abundance Ion 77.00 (76.70 to 77.70): BM020145.D (-1005) (-)

Ion 123.00 (122.70 to 123.70): BM020145.D (-1005) (-)

Ion 65.00 (64.70 to 65.70): BM020145.D (-1005) (-)





#25

Isophorone

Concen: 57.408 ng

RT: 9.52 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

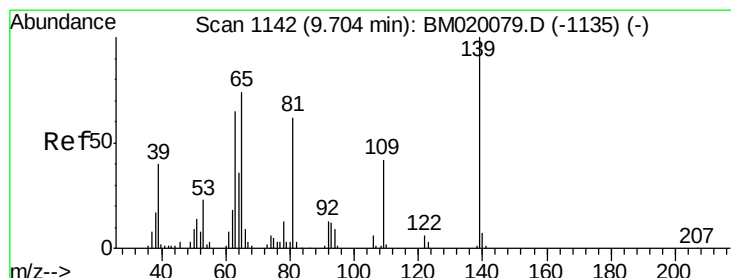
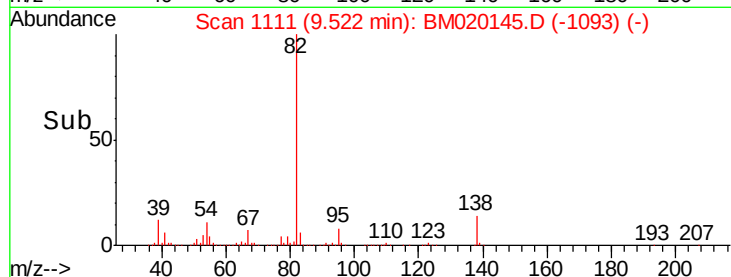
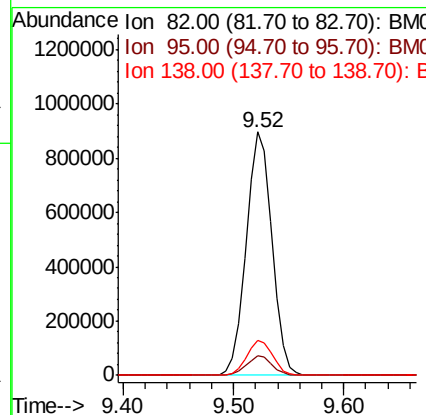
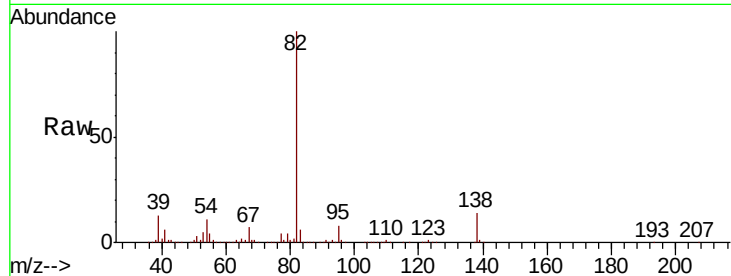
ClientSampleId :

SP-02-COMPMSD

Tot Ion:	82	Resp:	1472055
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	14.5	11.1	16.7

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#26

2-Nitrophenol

Concen: 39.238 ng

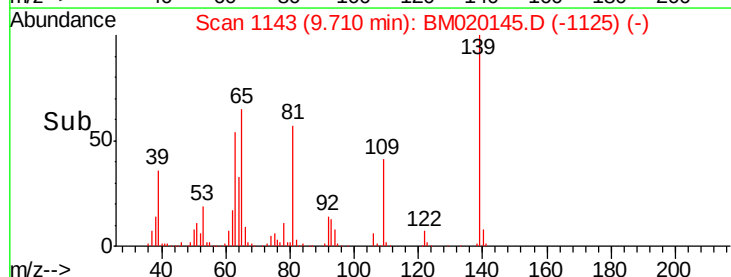
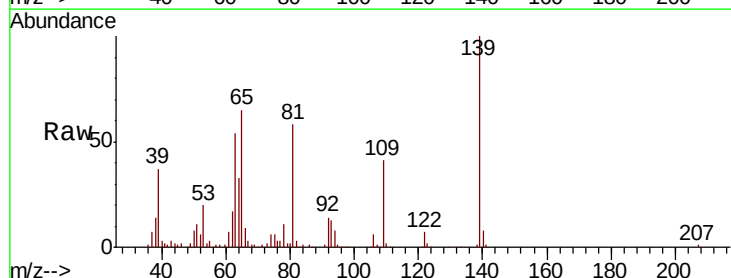
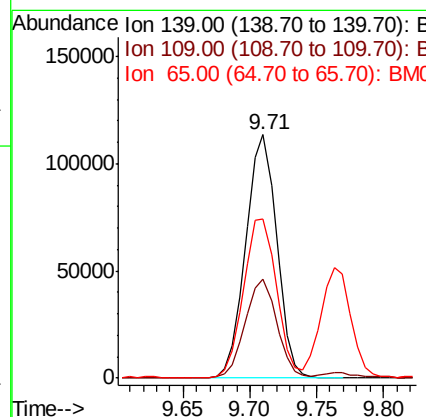
RT: 9.71 min Scan# 1143

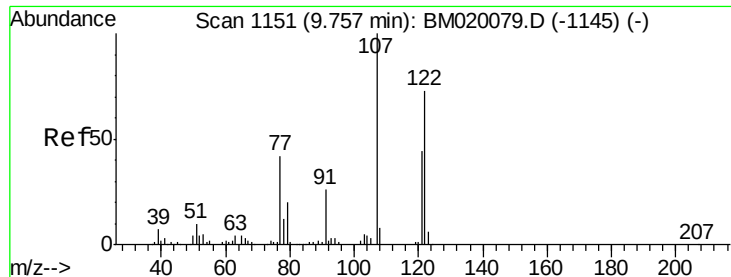
Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Tgt Ion:	139	Resp:	182632
Ion	Ratio	Lower	Upper
139	100		
109	40.5	33.7	50.5
65	65.3	59.5	89.3





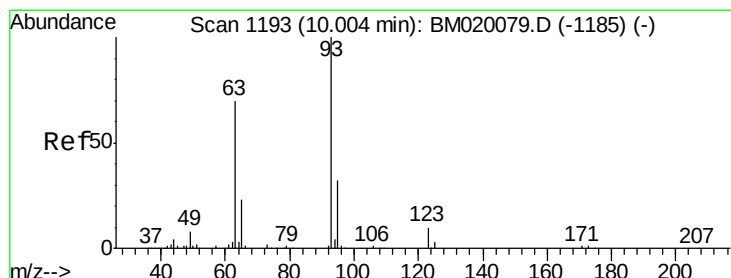
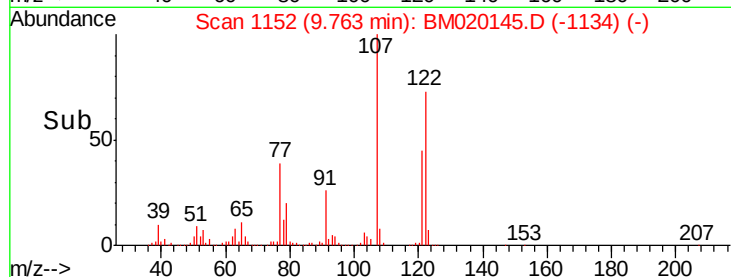
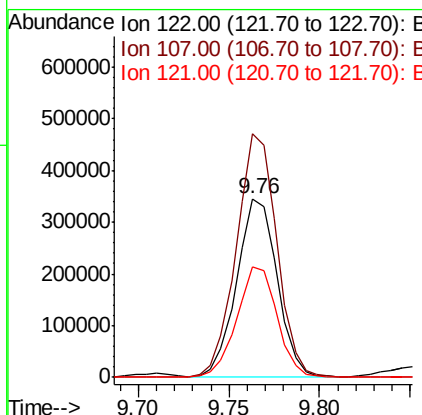
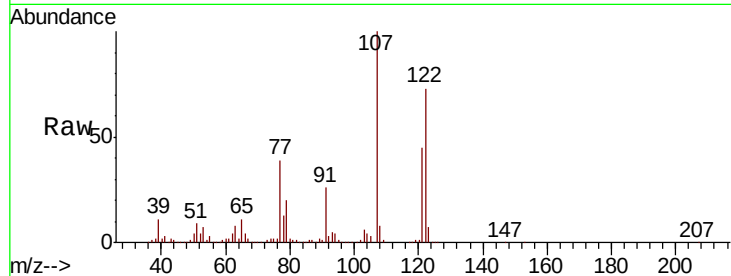
#27
 2,4-Dimethylphenol
 Concen: 68.968 ng
 RT: 9.76 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.4	108.6	162.8
121	61.9	47.4	71.2

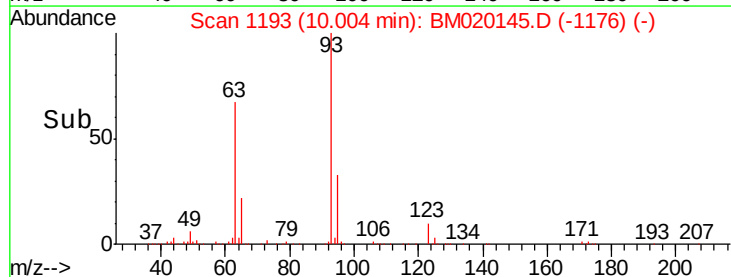
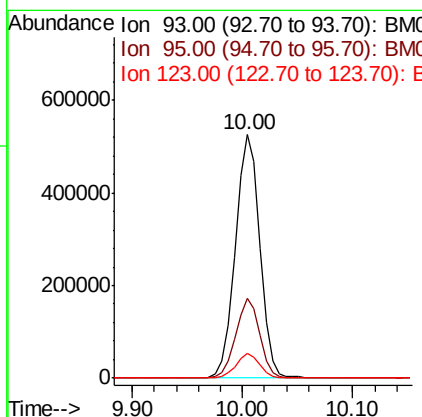
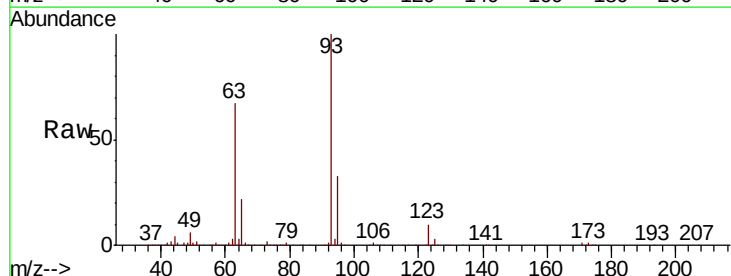
Manual Integrations
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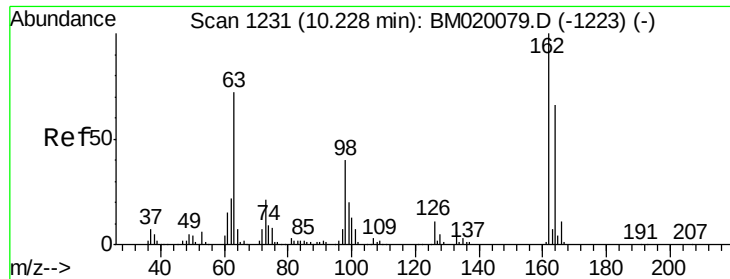
mohammad
 5/7/2019 3:11:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.578 ng
 RT: 10.00 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.5	38.3
123	9.9	7.6	11.4





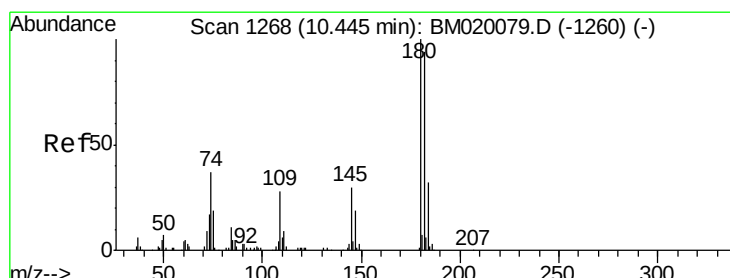
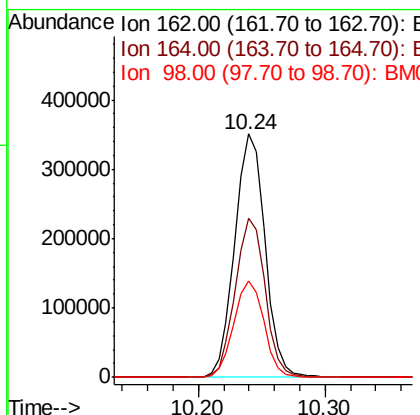
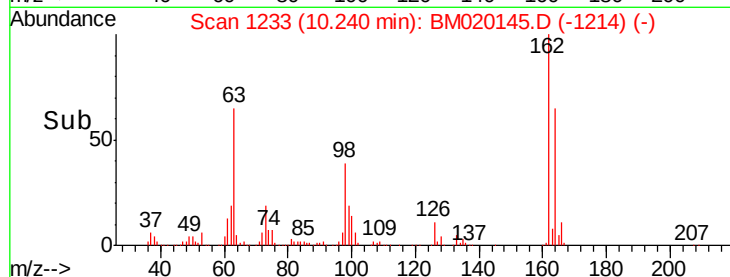
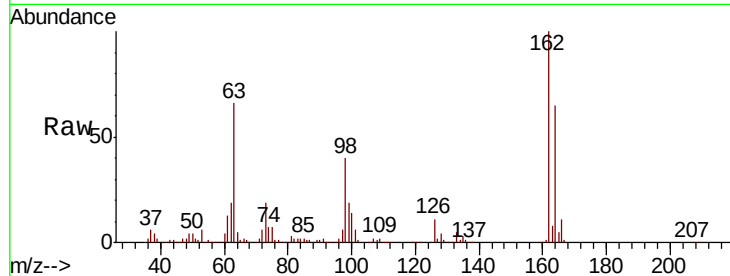
#29
2,4-Dichlorophenol
Concen: 59.373 ng
RT: 10.24 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	580144		
164	65.2	45.6	85.6	
98	39.6	20.4	60.4	

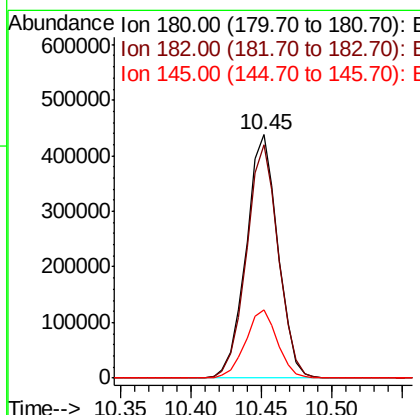
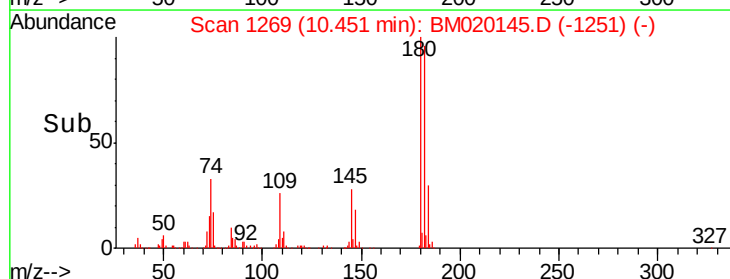
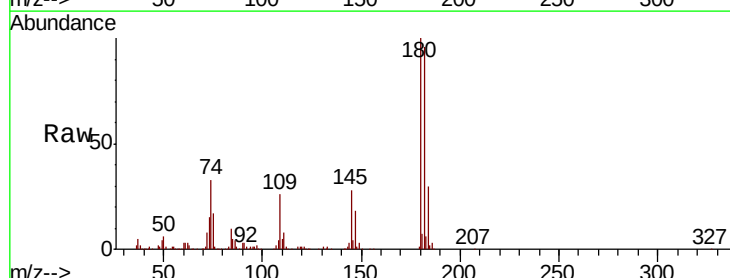
Manual Integrations
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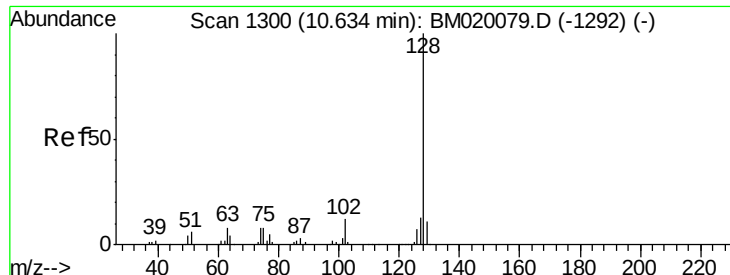
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5/7/2019 3:11:47 PM



#30
1,2,4-Trichlorobenzene
Concen: 57.449 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	690707		
182	96.0	75.4	113.0	
145	27.8	23.8	35.8	





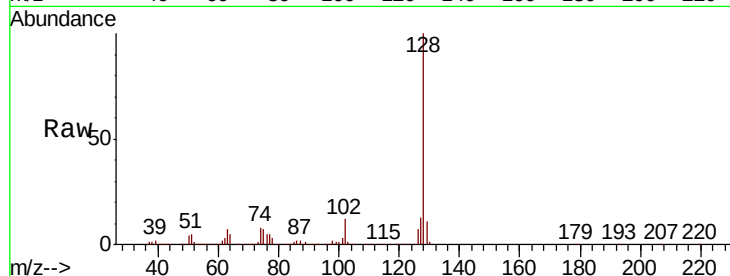
#31
Naphthalene
Concen: 56.836 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.2	10.4	15.6

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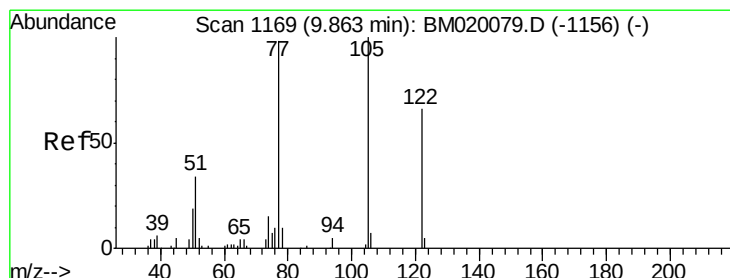
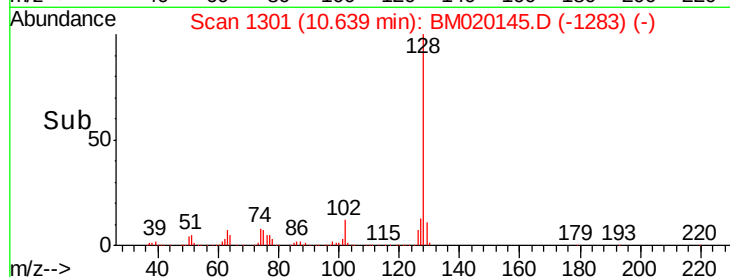
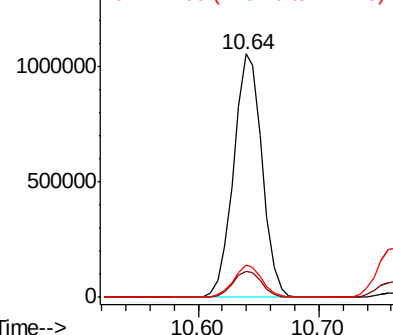


Abundance

Ion 128.00 (127.70 to 128.70): E

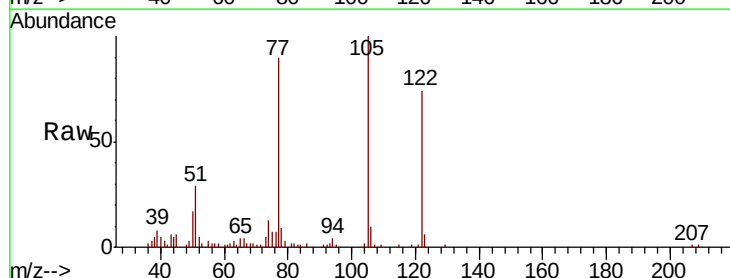
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 15.725 ng
RT: 9.86 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.0	122.5	162.5
77	122.6	123.3	163.3#

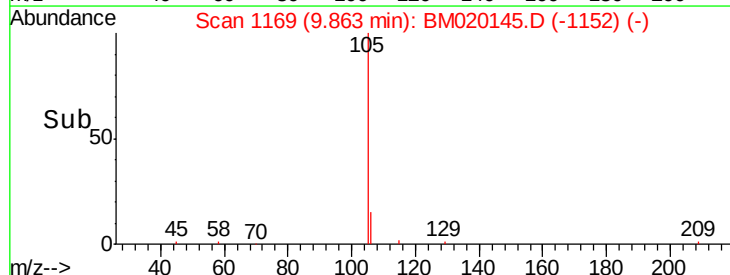
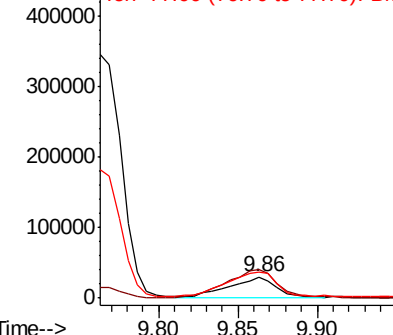


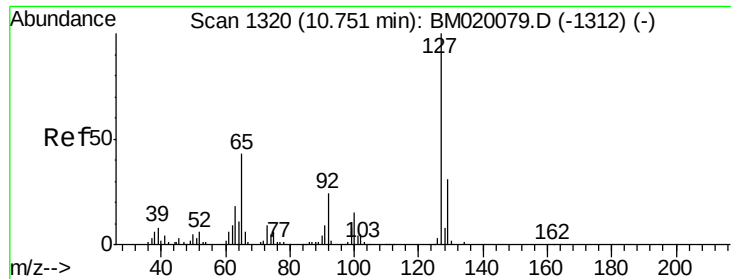
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0





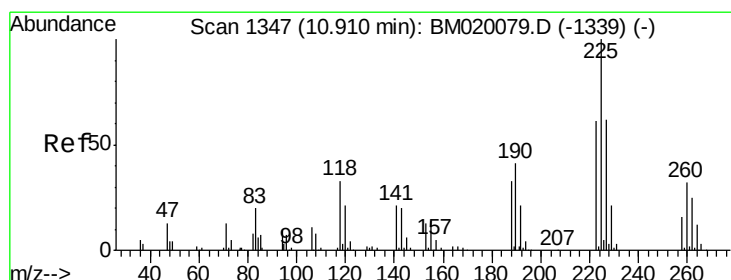
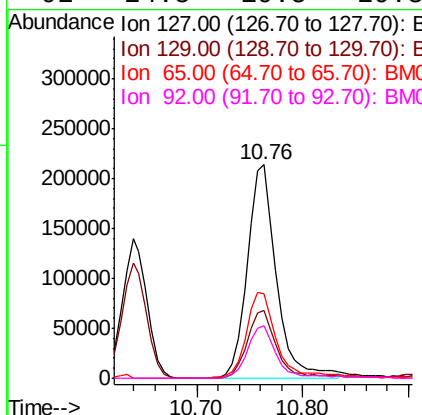
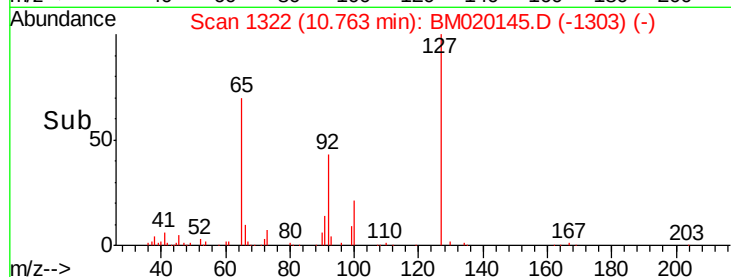
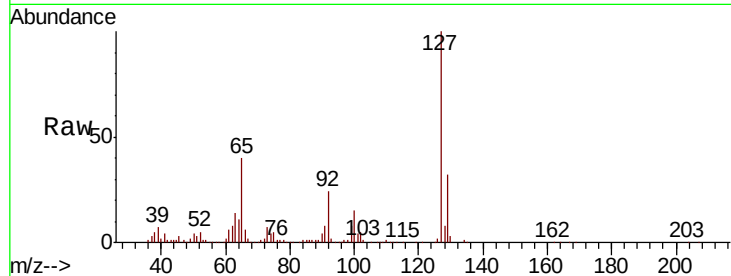
#33
4-Chloroaniline
Concen: 32.925 ng
RT: 10.76 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		412837		
129	32.0	24.7	37.1		
65	39.7	34.6	52.0		
92	24.5	19.5	29.3		

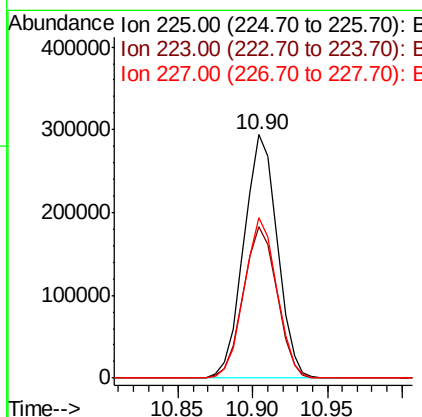
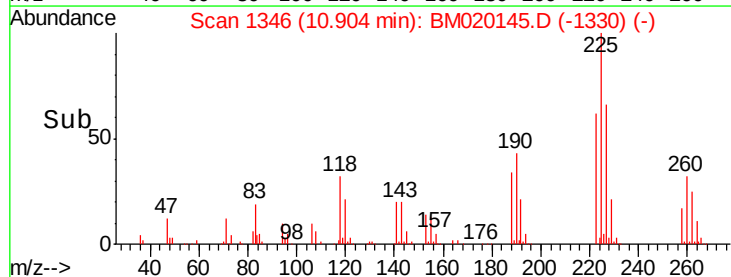
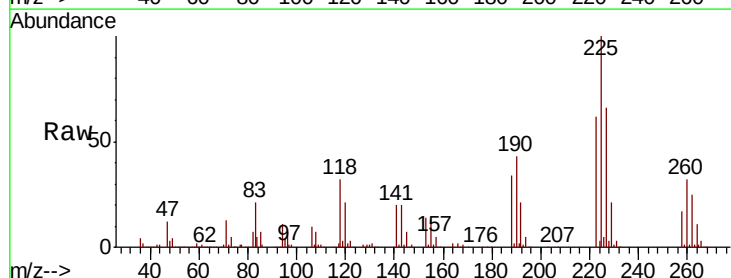
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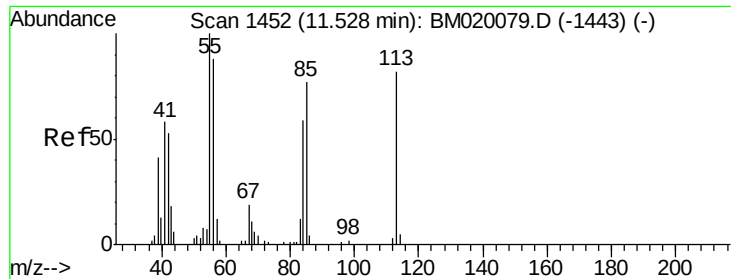
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5/7/2019 3:11:47 PM



#34
Hexachlorobutadiene
Concen: 53.484 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		454891		
223	62.0	48.9	73.3		
227	65.9	49.6	74.4		





#35

Caprolactam

Concen: 53.442 ng/mL

RT: 11.56 min Scan# 1458

Delta R.T. 0.04 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

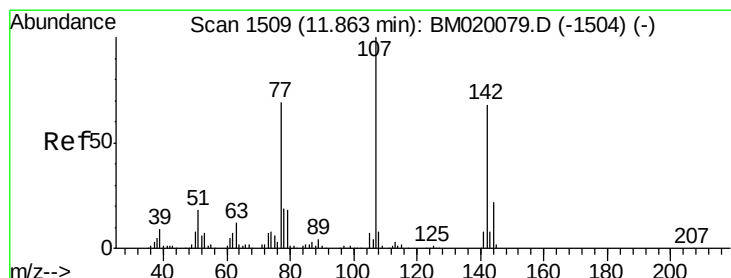
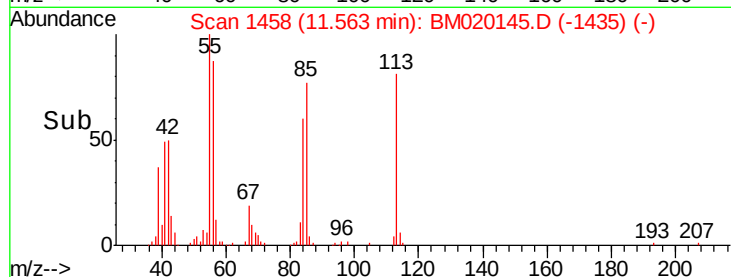
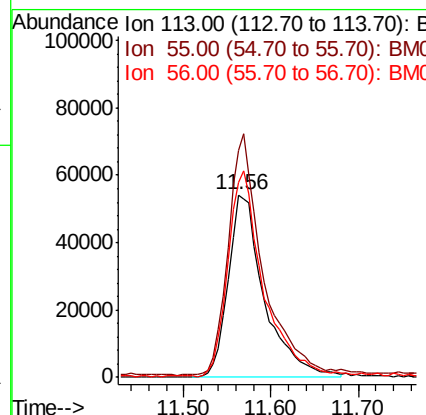
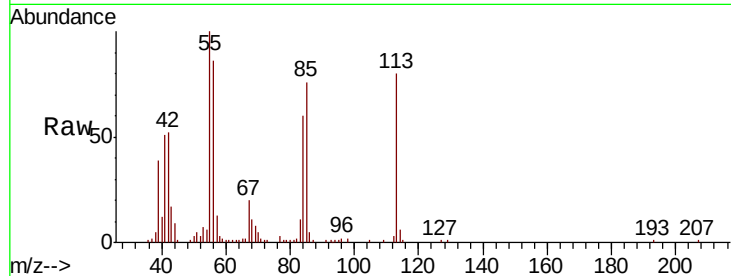
ClientSampleId :

SP-02-COMPMSD

Tot Ion:	113	Resp:	156141
Ion Ratio	Lower	Upper	
113	100		
55	124.3	102.5	142.5
56	107.1	87.7	127.7

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5/7/2019 3:11:47 PM



#36

4-Chloro-3-methylphenol

Concen: 51.878 ng/mL

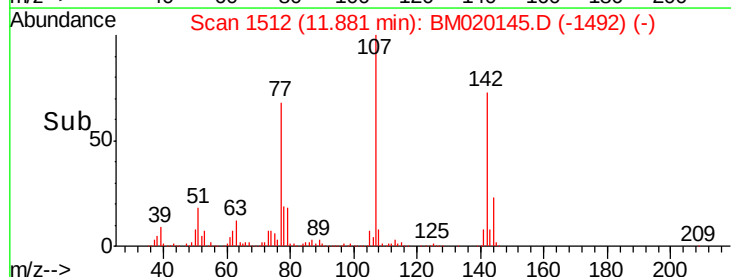
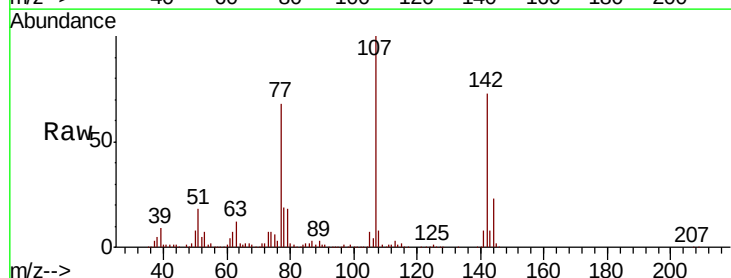
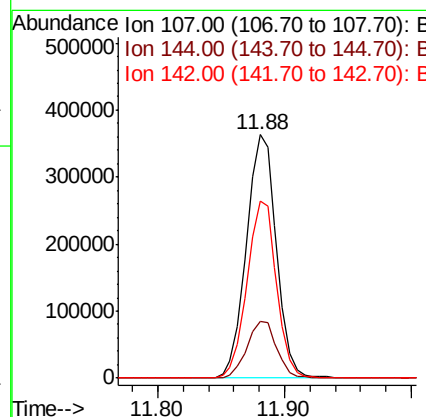
RT: 11.88 min Scan# 1512

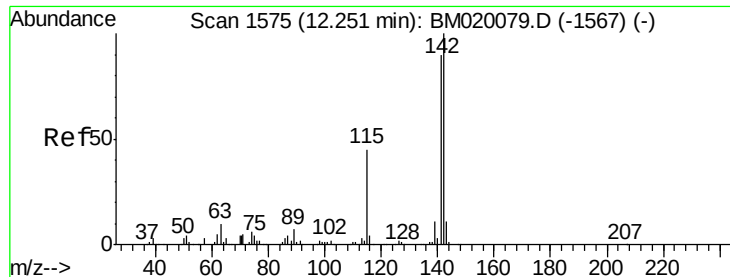
Delta R.T. 0.02 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Tgt Ion:	107	Resp:	595698
Ion Ratio	Lower	Upper	
107	100		
144	23.4	17.6	26.4
142	72.5	54.6	82.0





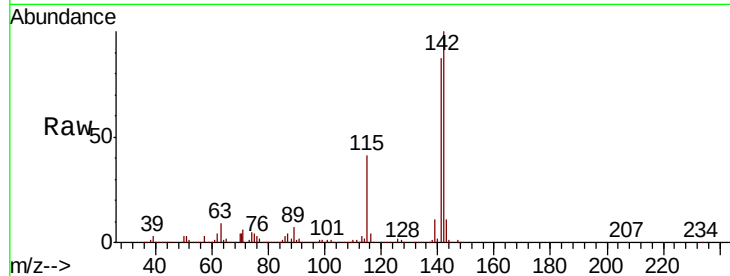
#37
2-Methylnaphthalene
Concen: 54.169 ng
RT: 12.25 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.6	107.4
115	40.6	35.8	53.6

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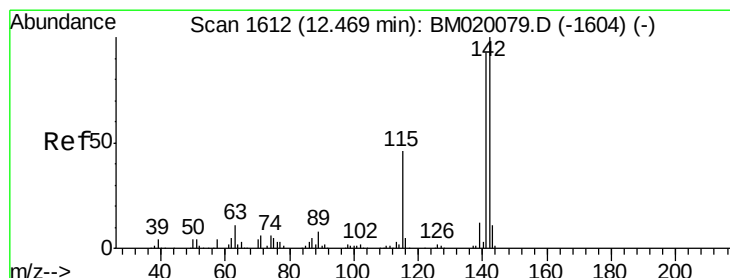
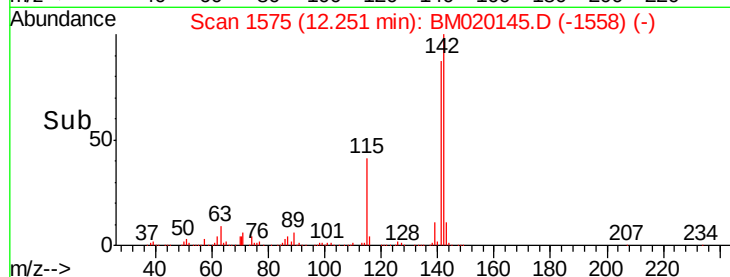
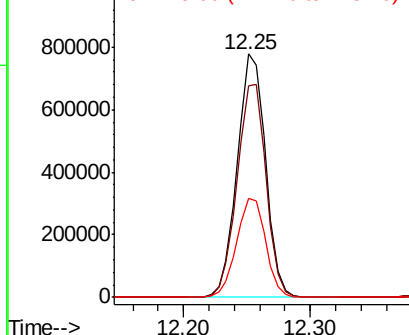


Abundance

Ion 142.00 (141.70 to 142.70): E

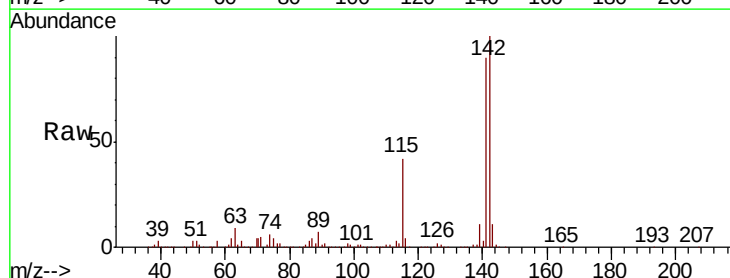
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 52.498 ng
RT: 12.47 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.8	112.2
116	4.0	3.9	5.9

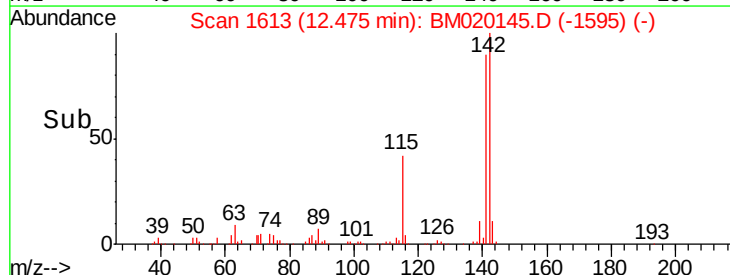
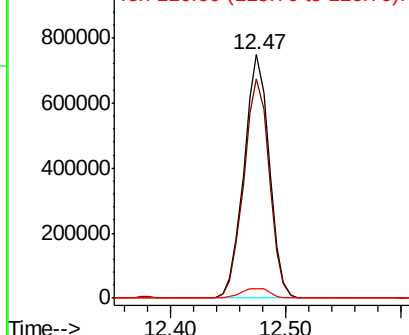


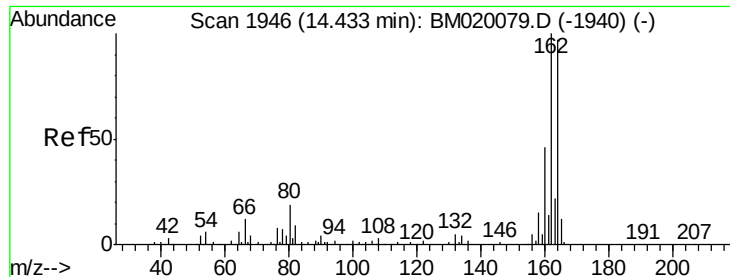
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





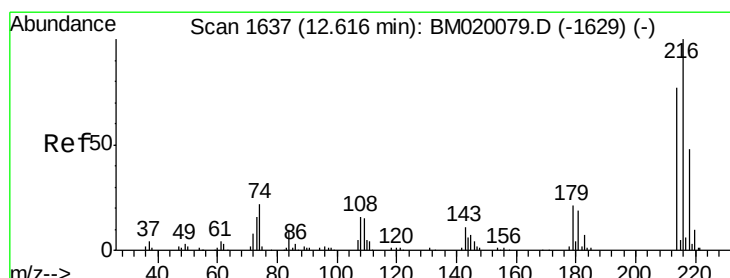
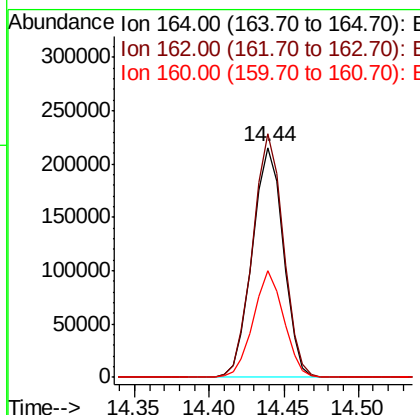
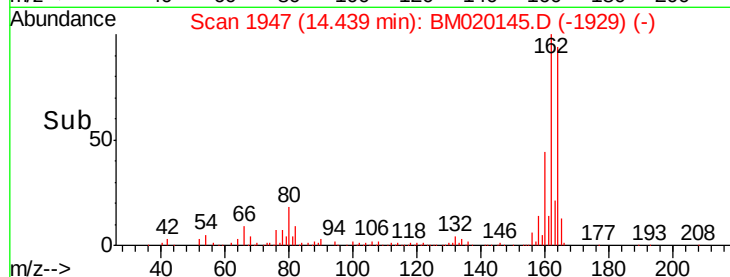
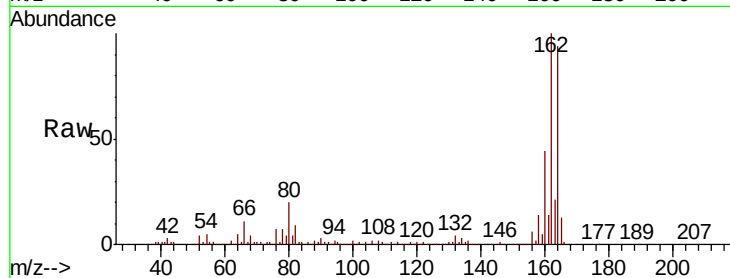
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.2	123.2
160	46.3	37.6	56.4

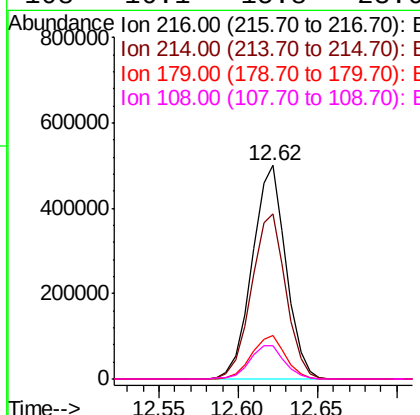
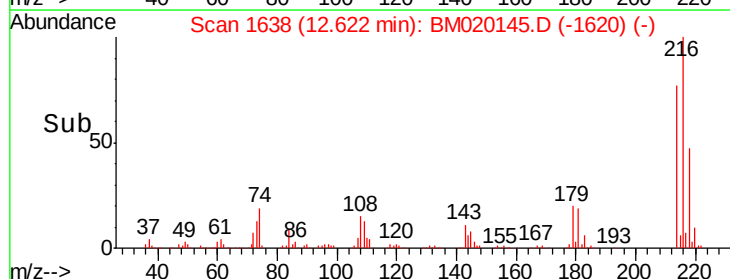
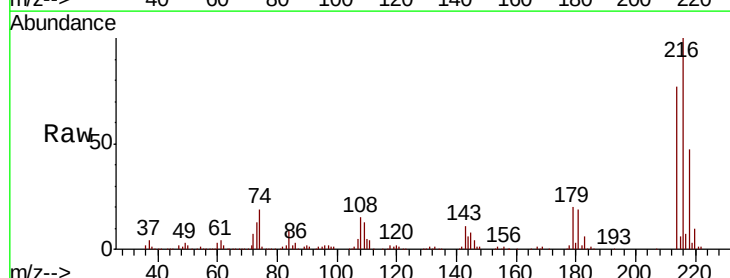
Manual Integrations
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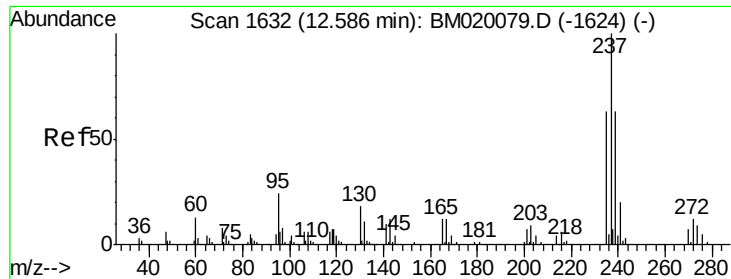
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 61.008 ng
RT: 12.62 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	94.0
179	20.3	17.1	25.7
108	16.1	15.8	23.6





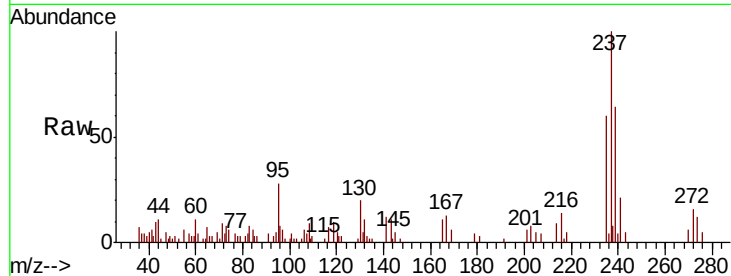
#41
Hexachlorocyclopentadiene
Concen: 4.169 ng
RT: 12.59 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	59.9	43.4	83.4
272	15.6	0.0	31.7

Manual Integrations
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5/7/2019 3:11:47 PM

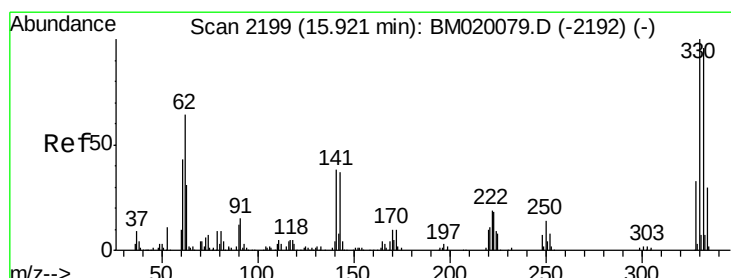
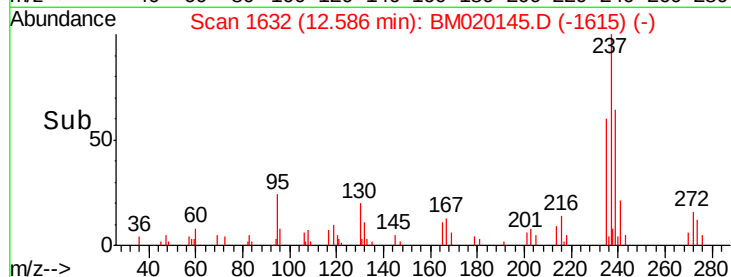
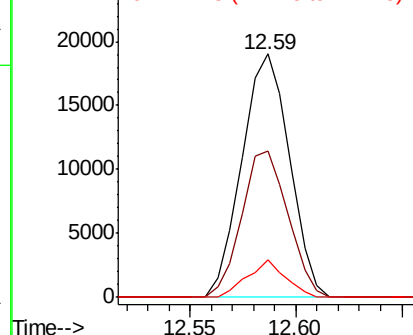


Abundance

Ion 236.80 (236.50 to 237.50): E

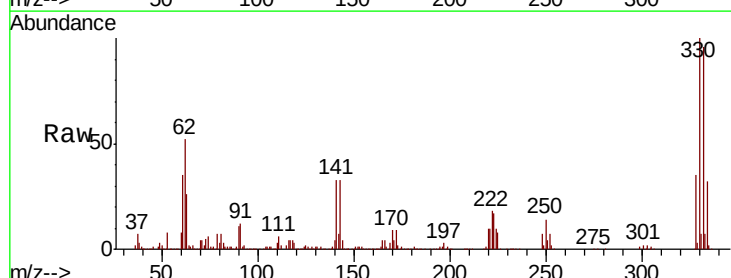
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 164.419 ng
RT: 15.93 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	32.5	29.2	43.8

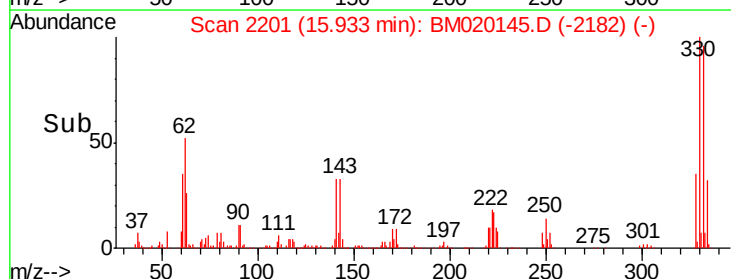
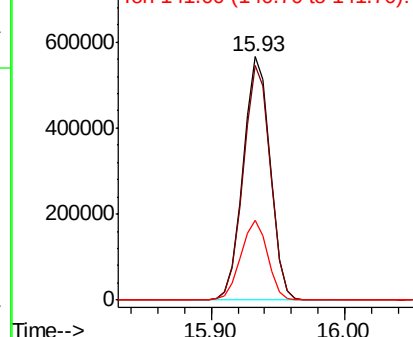


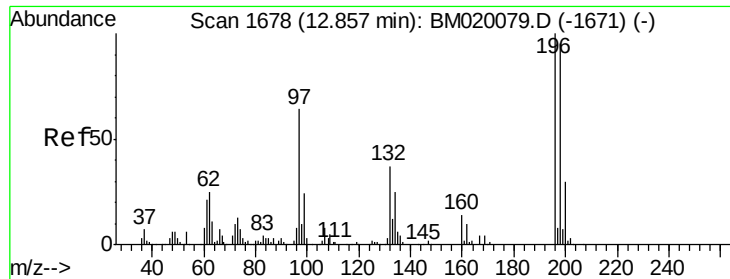
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





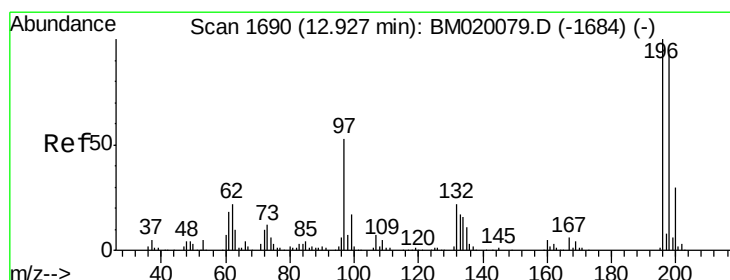
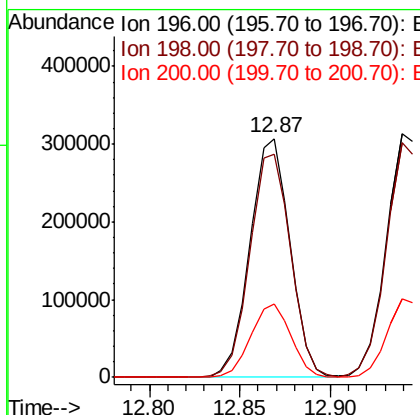
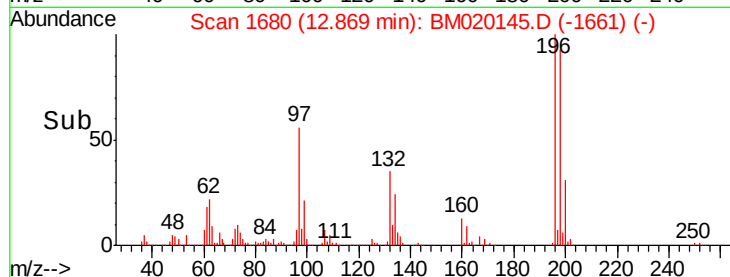
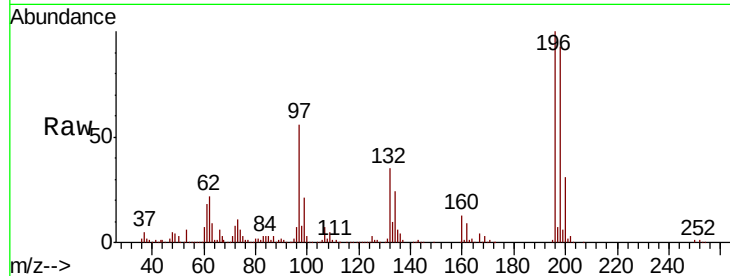
#43
 2,4,6-Trichlorophenol
 Concen: 68.339 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion:	196	Resp:	470367
Ion Ratio	Lower	Upper	
196	100		
198	93.5	76.2	114.2
200	30.9	24.3	36.5

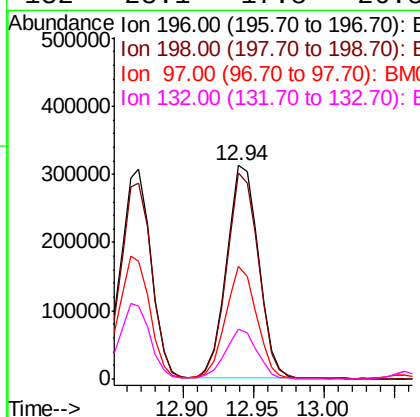
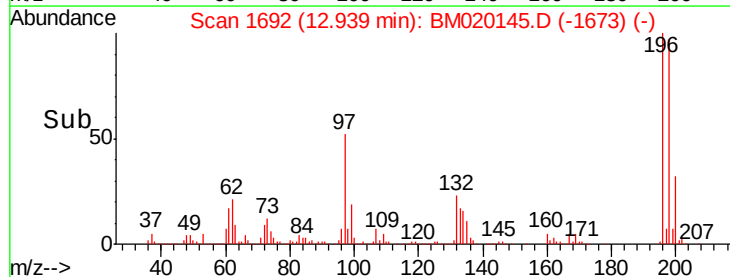
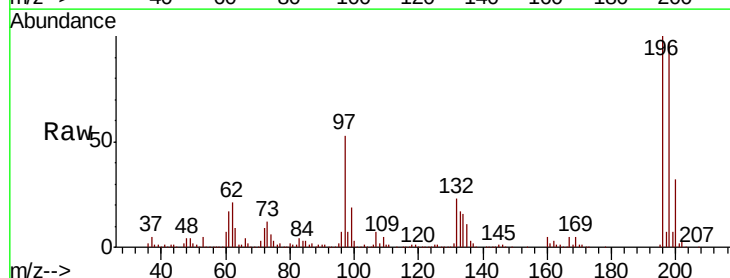
Manual Integrations
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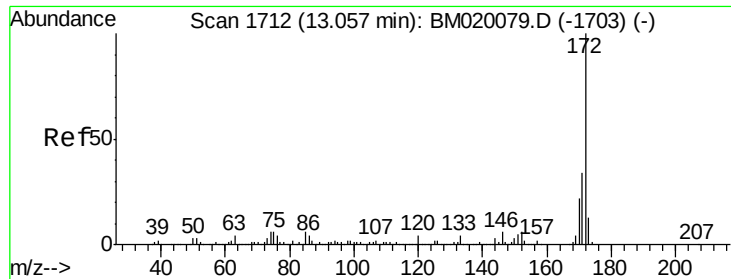
mohammad
 5/7/2019 3:11:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 63.897 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion:	196	Resp:	491309
Ion Ratio	Lower	Upper	
196	100		
198	96.6	74.7	112.1
97	52.7	42.2	63.4
132	23.1	17.8	26.8





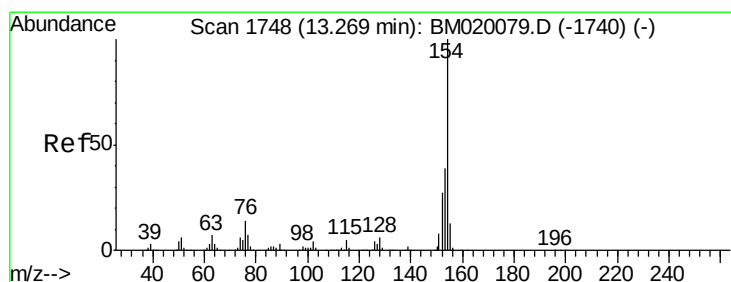
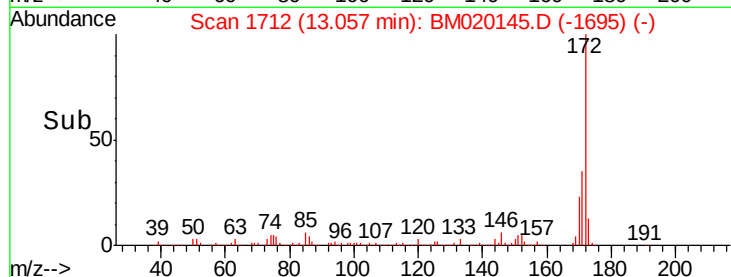
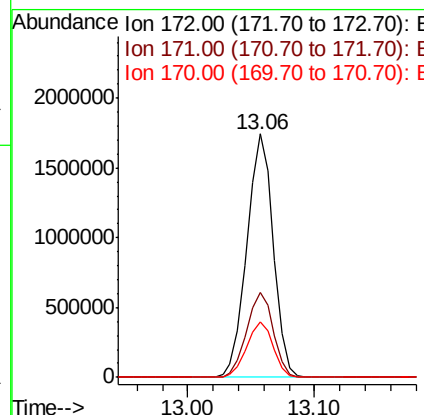
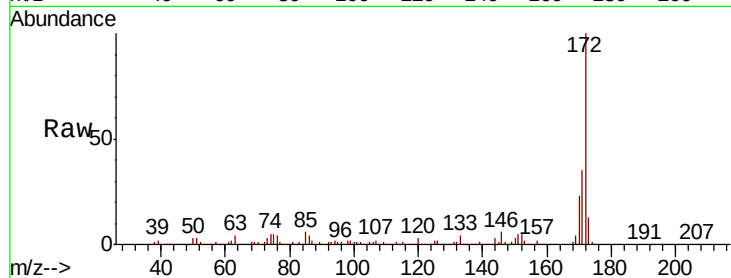
#45
2-Fluorobiphenyl
Concen: 99.750 ng
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.9	17.9	26.9

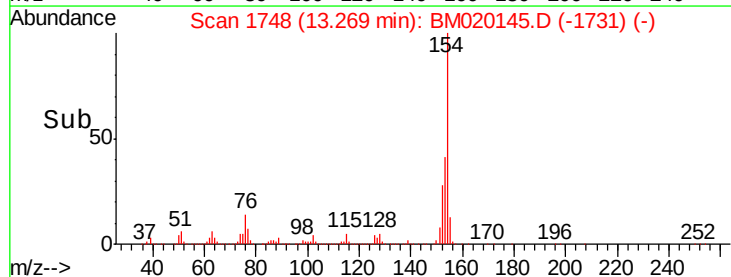
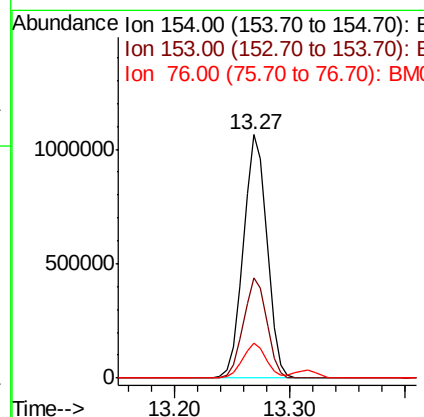
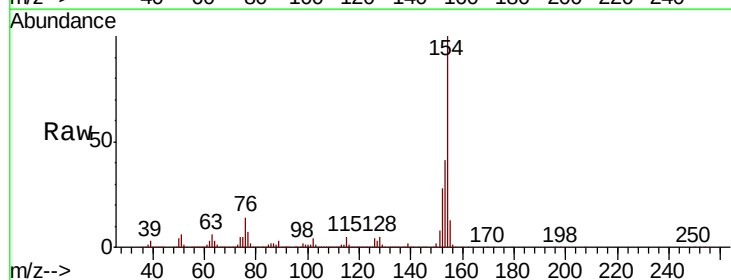
Manual Integrations
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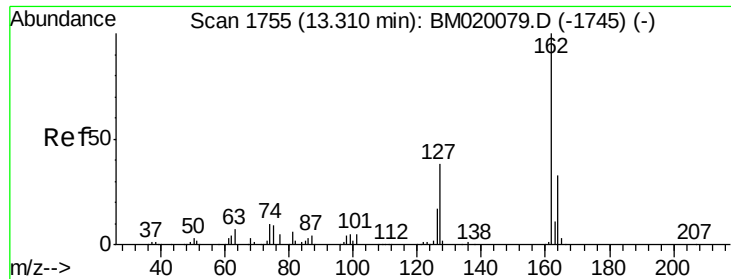
mohammad
5/7/2019 3:11:47 PM



#46
1,1'-Biphenyl
Concen: 59.053 ng
RT: 13.27 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.4	59.4
76	14.4	0.0	34.5





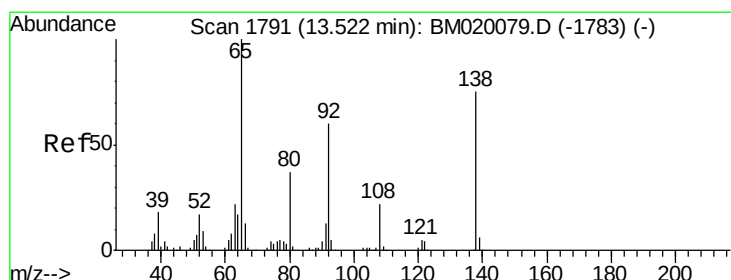
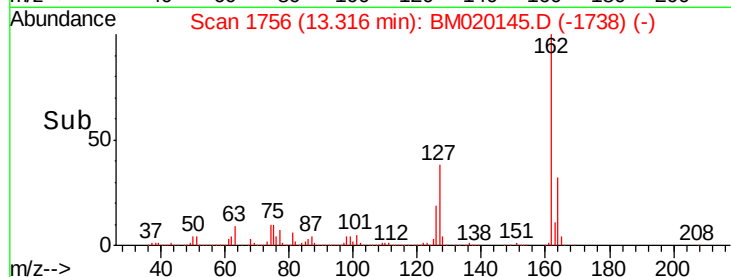
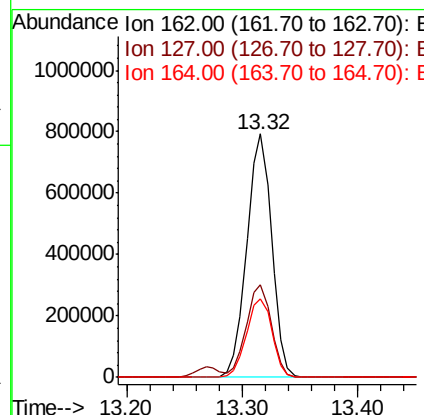
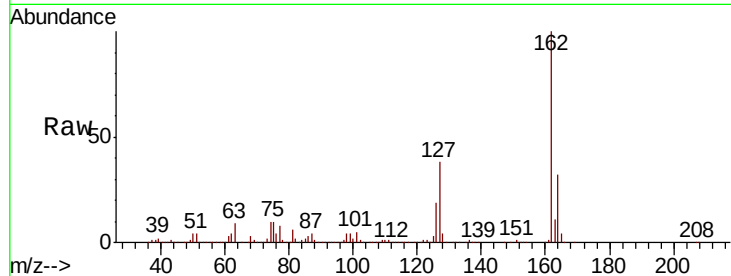
#47
2-Chloronaphthalene
Concen: 58.403 ng
RT: 13.32 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.4
164	32.4	26.2	39.2

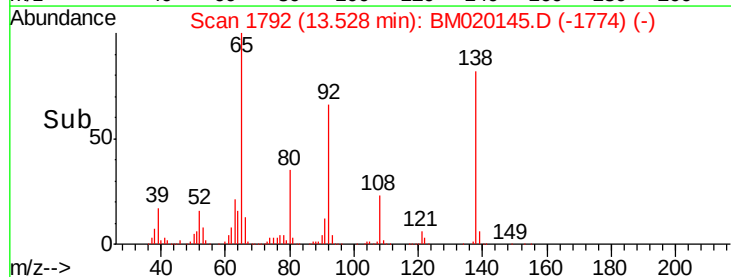
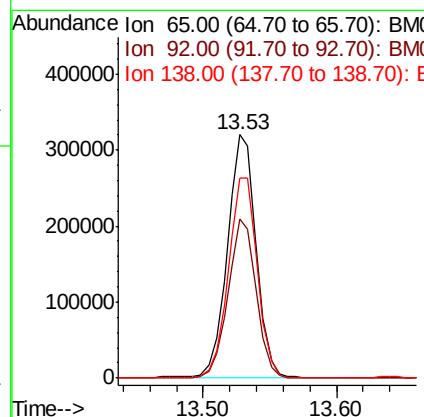
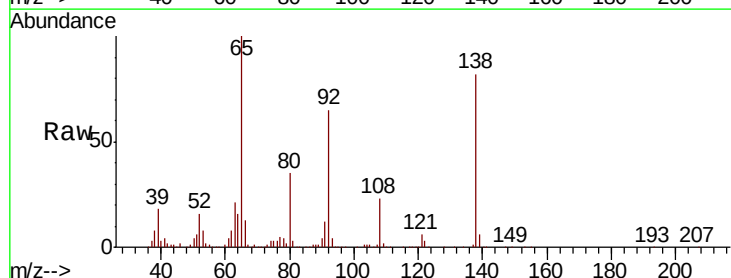
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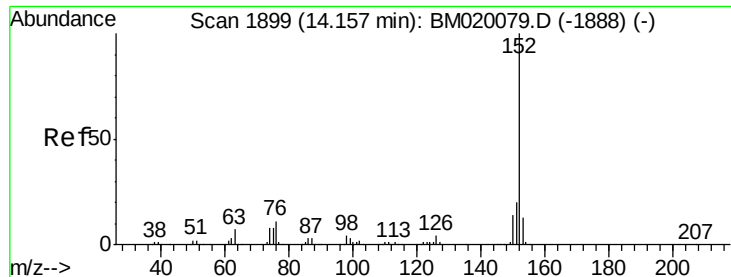
mohammad
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#48
2-Nitroaniline
Concen: 66.212 ng
RT: 13.53 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	48.2	72.4
138	82.2	60.3	90.5





#49

Acenaphthylene

Concen: 56.943 ng

RT: 14.16 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMSD

Tot Ion:152 Resp: 1853866

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2

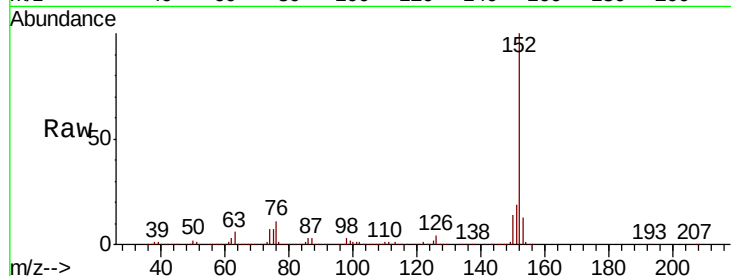
153 13.0 10.6 16.0

Manual Integrations

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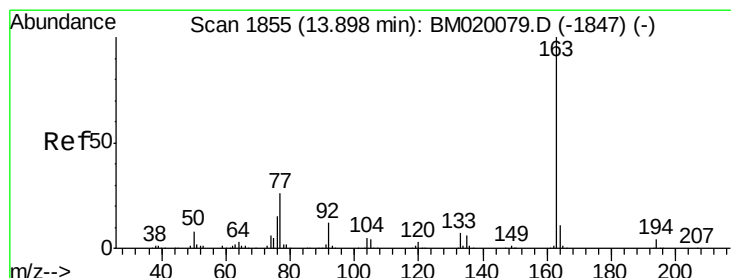
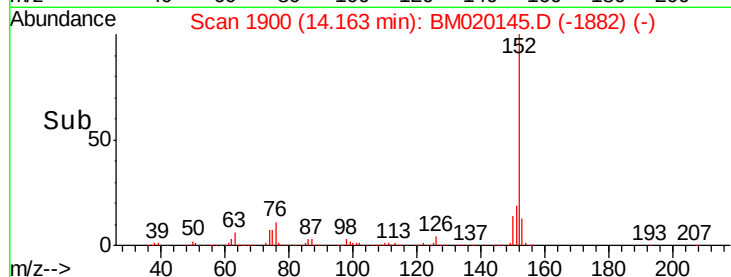
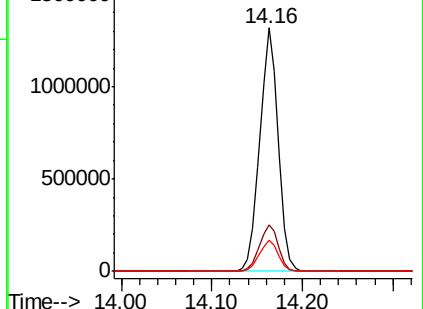
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 68.979 ng

RT: 13.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

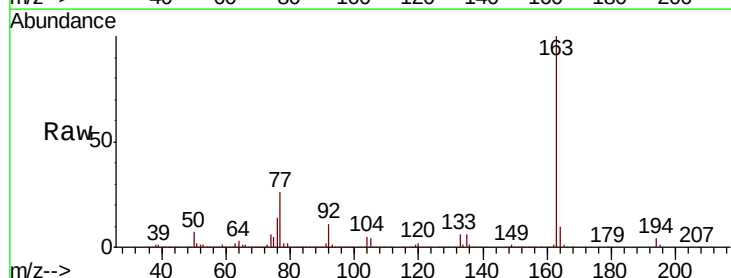
Tgt Ion:163 Resp: 1814792

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

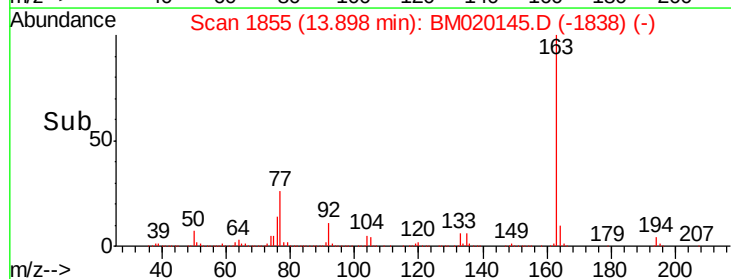
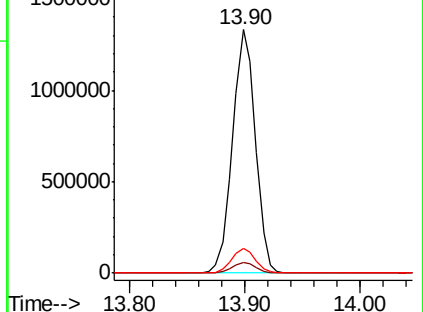
164 10.1 8.4 12.6

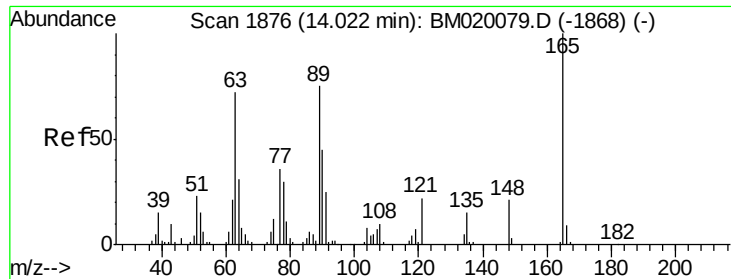


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





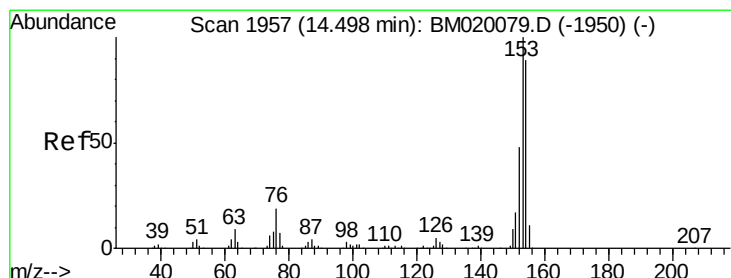
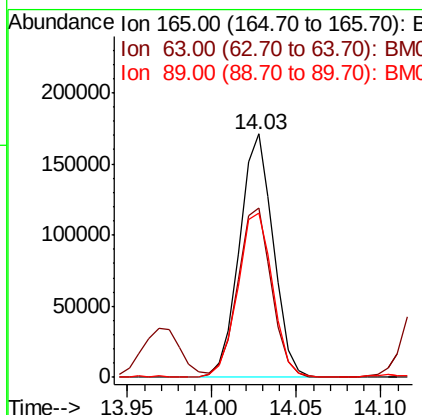
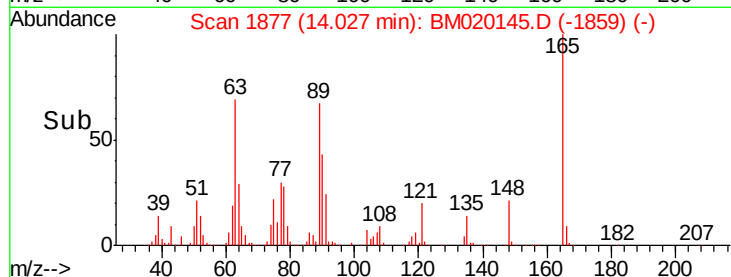
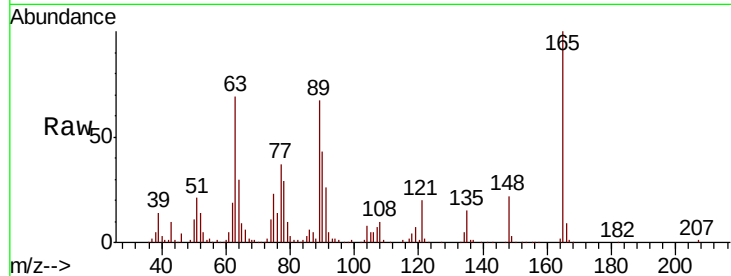
#51
 2,6-Dinitrotoluene
 Concen: 43.022 ng
 RT: 14.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	238395		
63	69.4	60.3	90.5	
89	67.4	59.8	89.6	

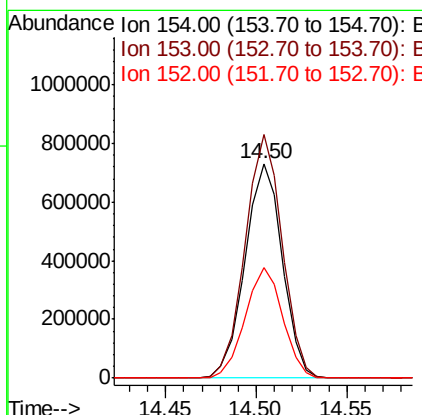
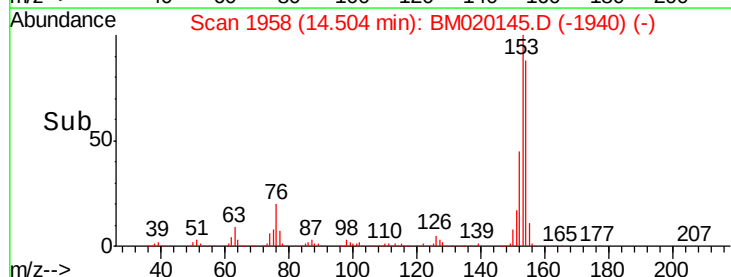
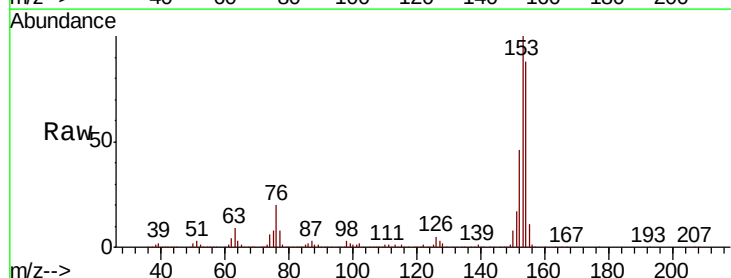
Manual Integrations
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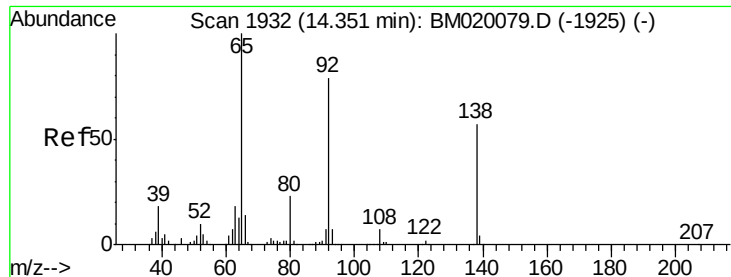
mohammad
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#52
 Acenaphthene
 Concen: 55.967 ng
 RT: 14.50 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1044893		
153	113.4	90.2	135.2	
152	51.6	43.0	64.4	





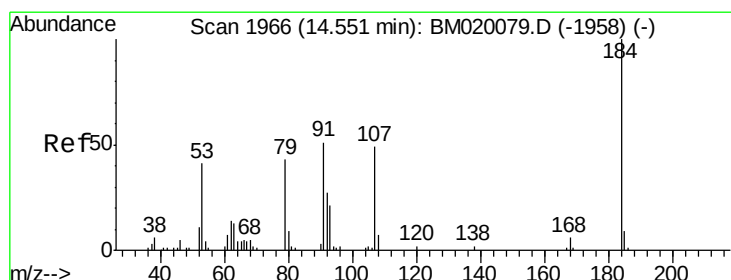
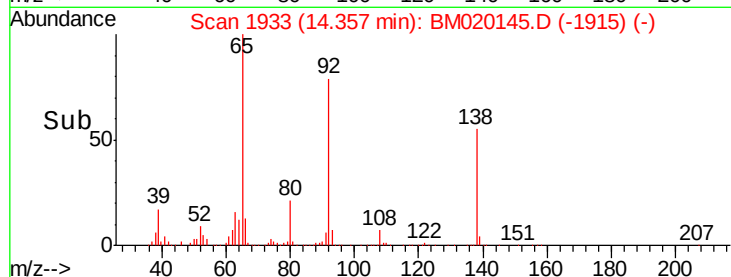
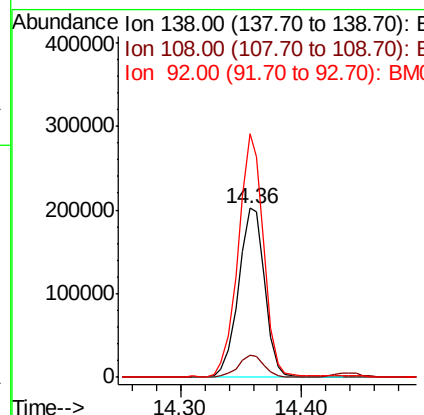
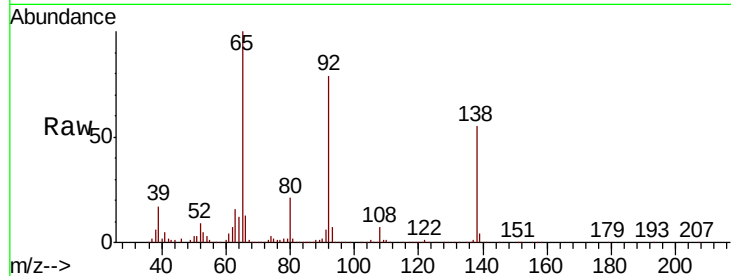
#53
3-Nitroaniline
Concen: 59.646 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	306755		
108	13.3	10.4	15.6	
92	144.1	111.3	166.9	

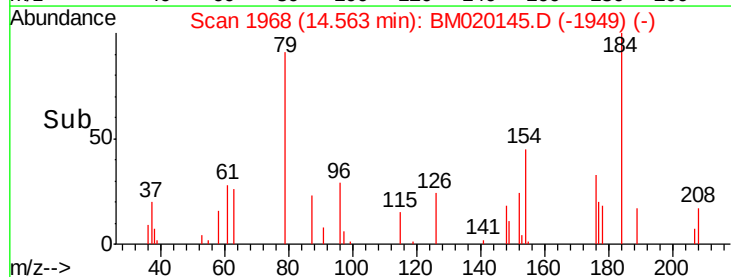
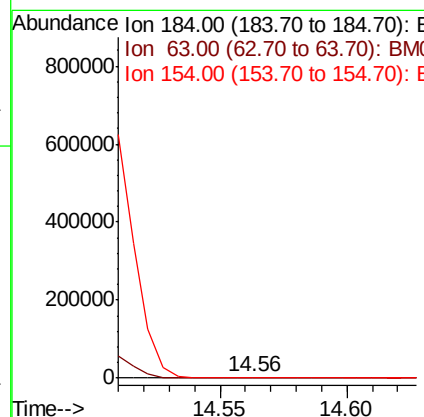
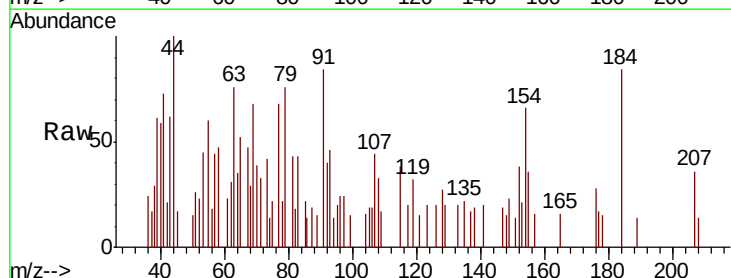
Manual Integrations
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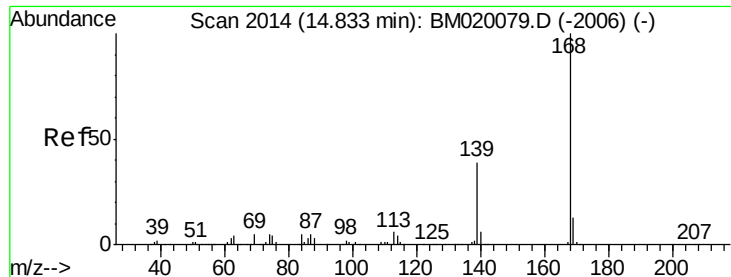
mohammad
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#54
2,4-Dinitrophenol
Concen: 9.218 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	2316		
63	90.6	68.9	103.3	
154	78.7	54.4	81.6	





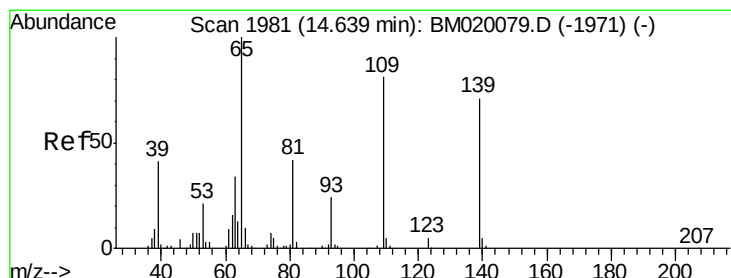
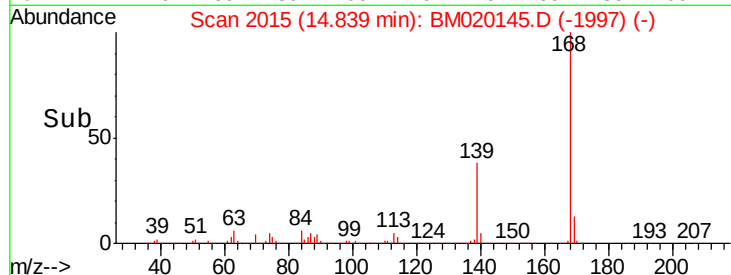
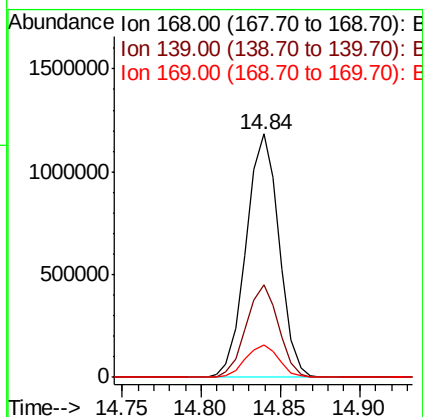
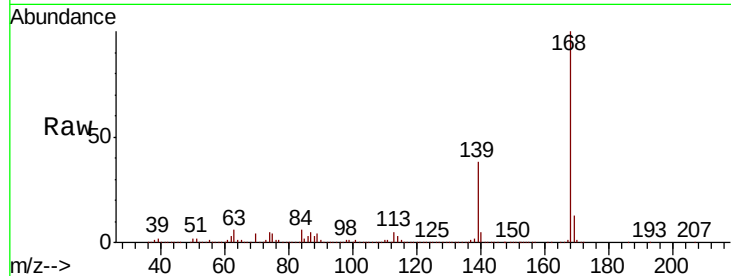
#55
Dibenzofuran
Concen: 54.307 ng
RT: 14.84 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.1	46.7
169	13.3	10.6	16.0

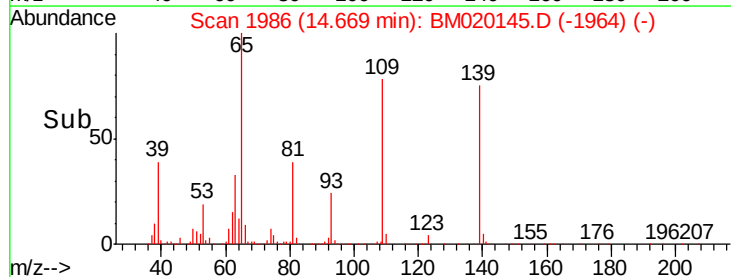
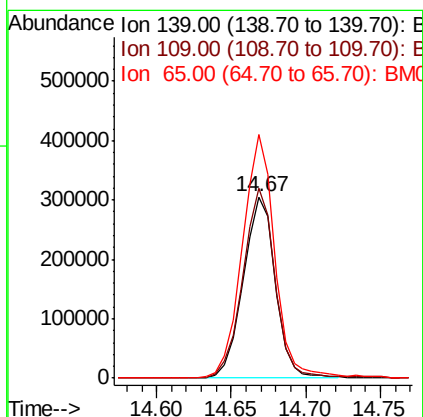
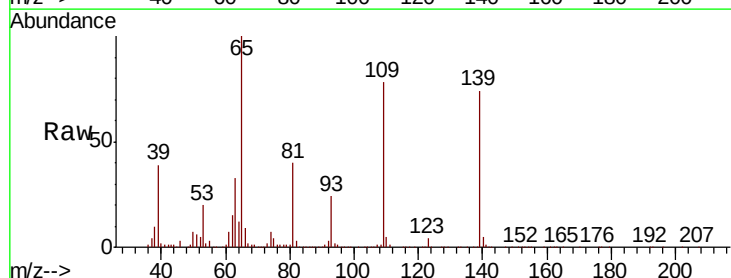
Manual Integrations
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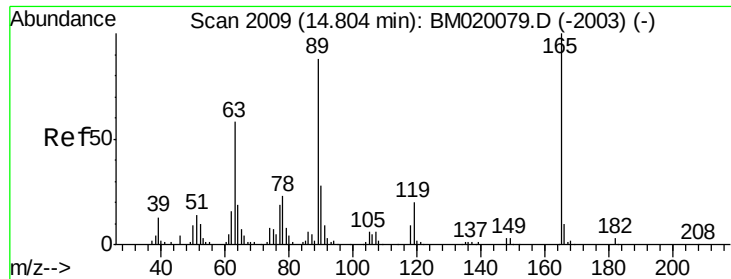
mohammad
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#56
4-Nitrophenol
Concen: 103.692 ng
RT: 14.67 min Scan# 1986
Delta R.T. 0.03 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.1	94.1	134.1
65	134.4	120.9	160.9





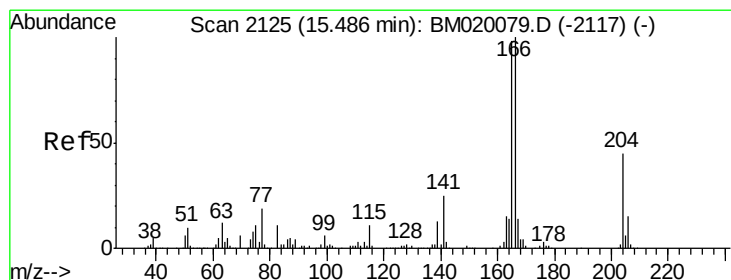
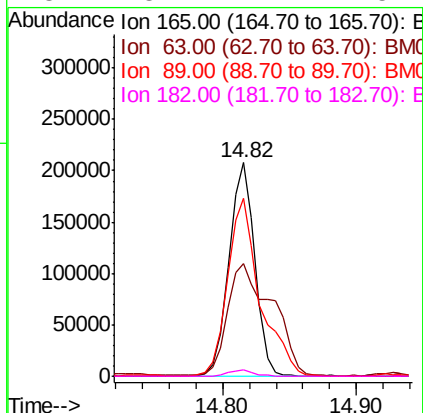
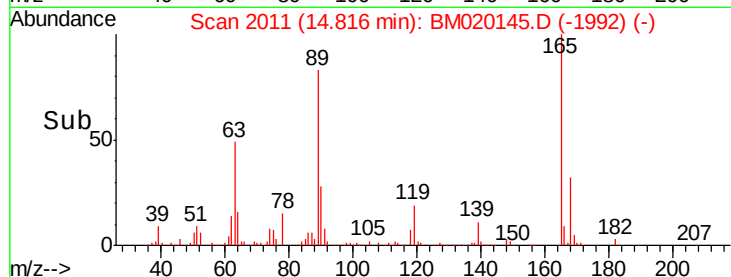
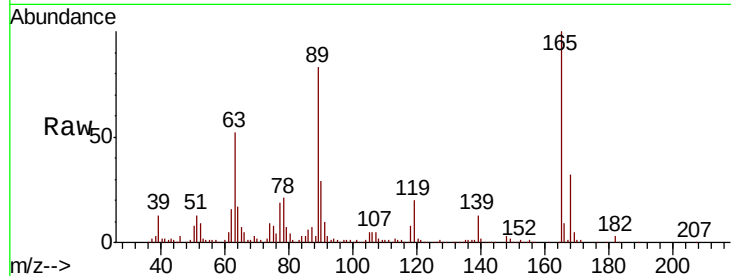
#57
2,4-Dinitrotoluene
Concen: 37.413 ng
RT: 14.82 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	46.2	69.2
89	83.1	70.6	105.8
182	3.1	2.2	3.2

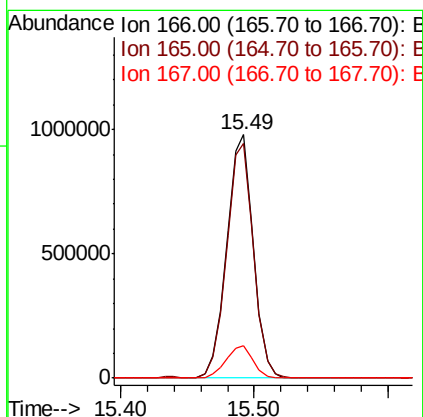
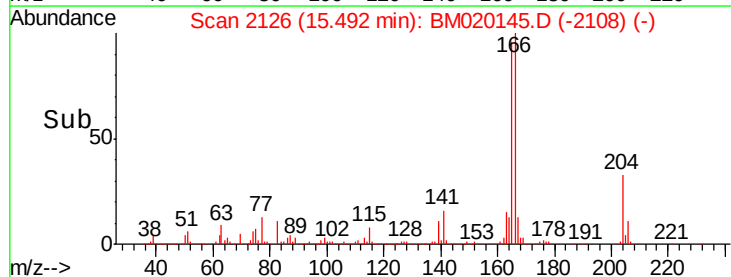
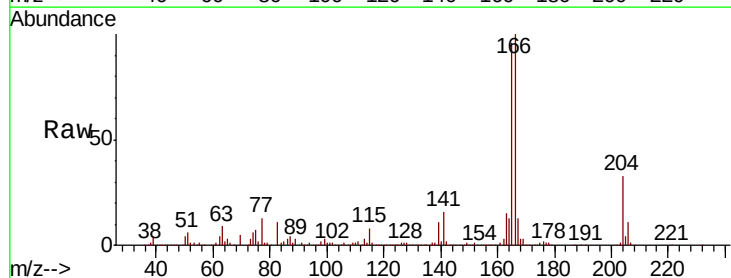
Manual Integrations
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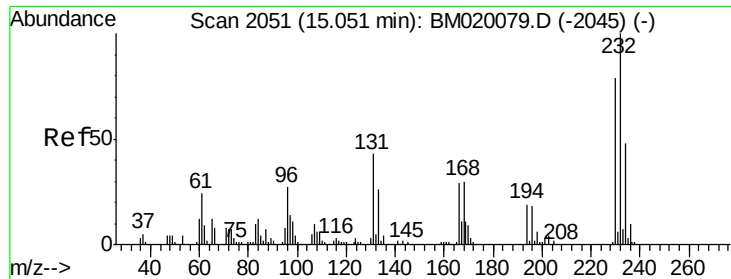
mohammad
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#58
Fluorene
Concen: 52.555 ng
RT: 15.49 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.2	117.2
167	13.5	11.0	16.4





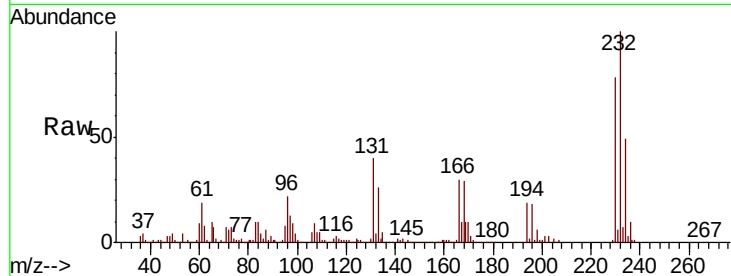
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 60.497 ng
 RT: 15.06 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion:	232	Resp:	442047
Ion Ratio	Lower	Upper	
232	100		
131	39.7	34.2	51.4
130	2.4	2.0	3.0
166	29.5	23.8	35.8

Manual Integrations
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 5/7/2019 3:11:47 PM



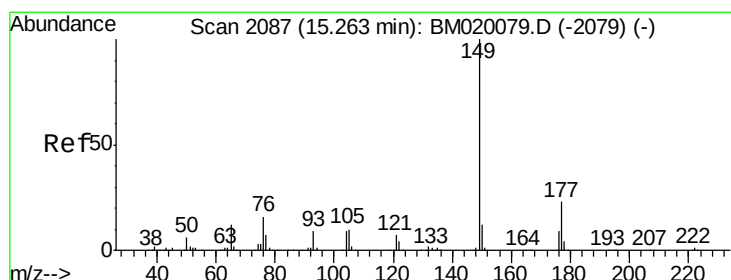
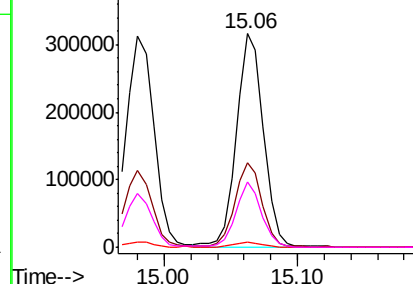
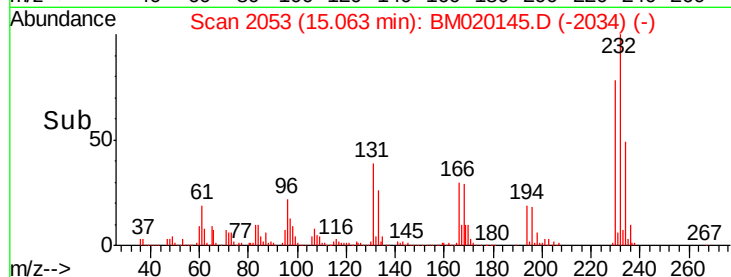
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

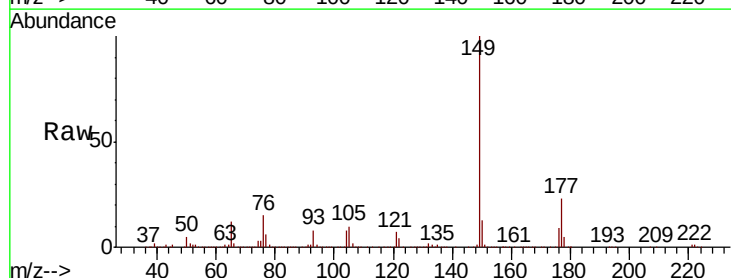
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 53.513 ng
 RT: 15.26 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion:	149	Resp:	1418418
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.2	27.4
150	12.6	9.9	14.9

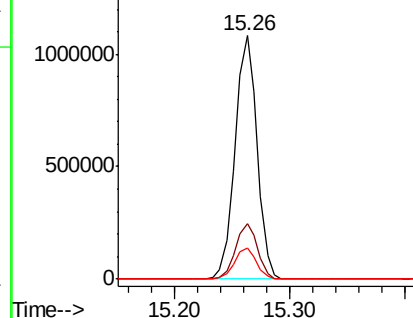
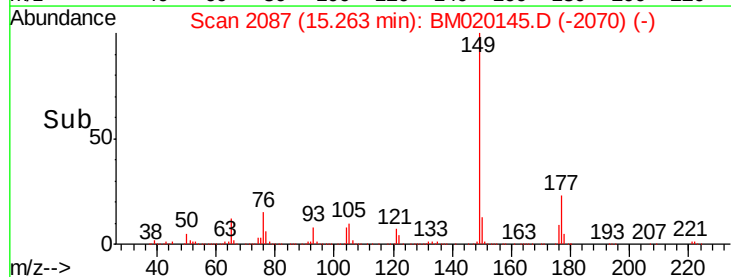


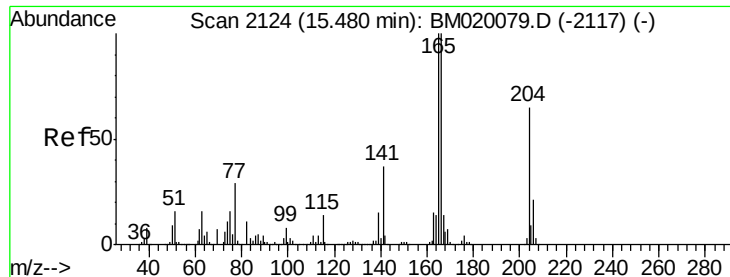
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





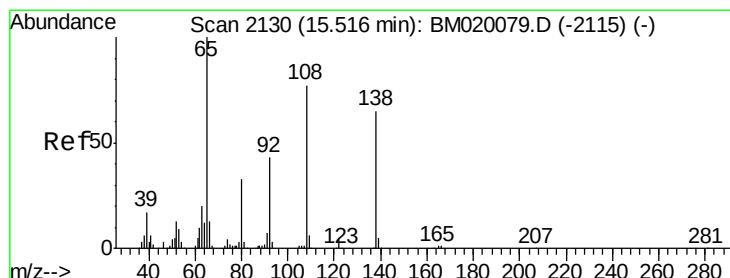
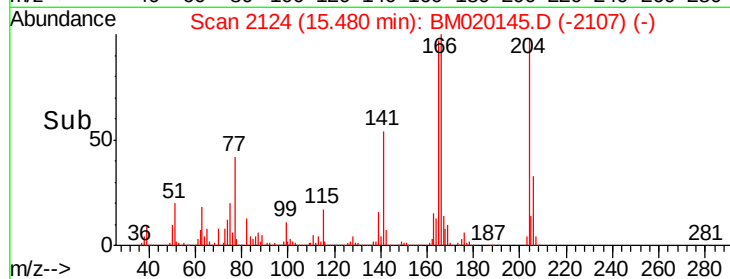
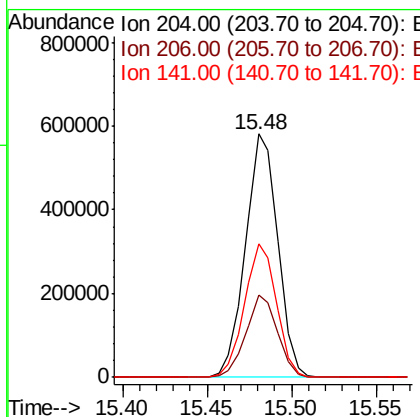
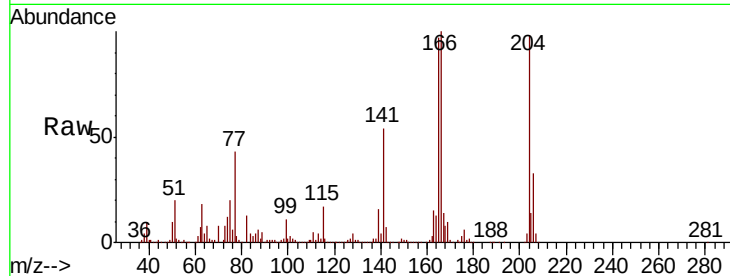
#61
 4-Chlorophenyl-phenylether
 Concen: 52.955 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.6	38.4
141	54.8	46.1	69.1

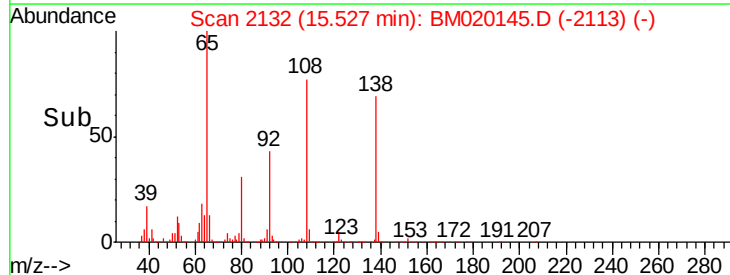
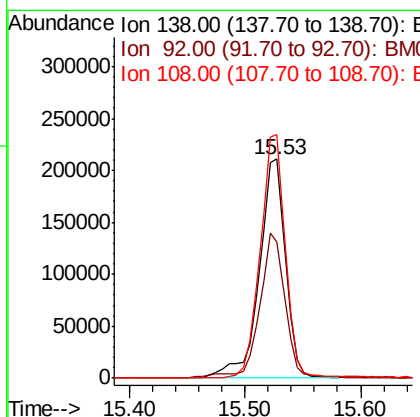
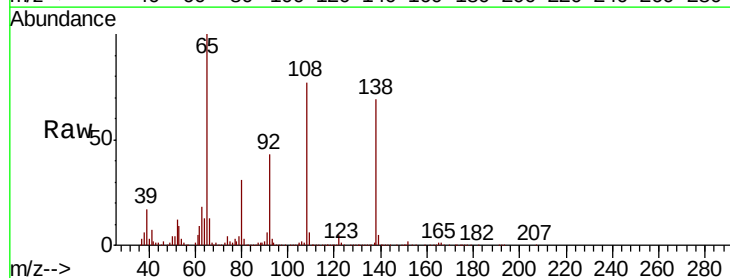
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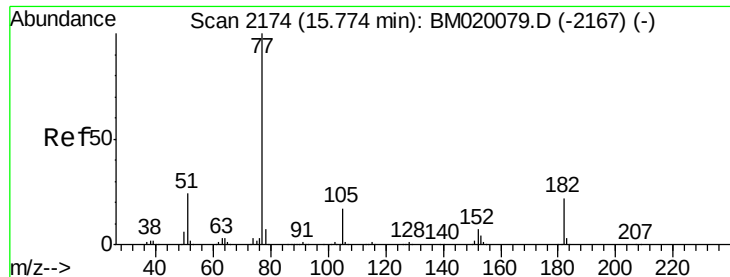
mohammad
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#62
 4-Nitroaniline
 Concen: 59.378 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.9	45.9	85.9
108	111.1	97.7	137.7





#63

Azobenzene

Concen: 47.919 ng

RT: 15.77 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMSD

Tot Ion: 77 Resp: 1498427

Ion Ratio Lower Upper

77 100

182 22.0 2.1 42.1

105 16.4 0.0 36.8

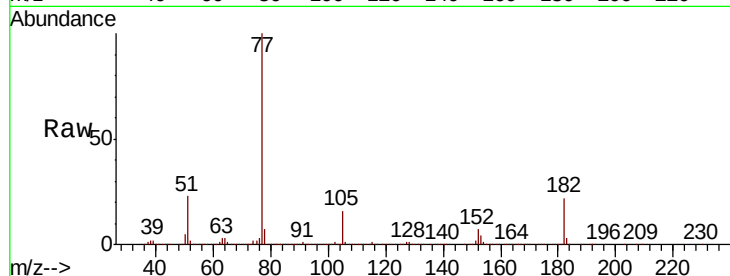
51 22.5 3.8 43.8

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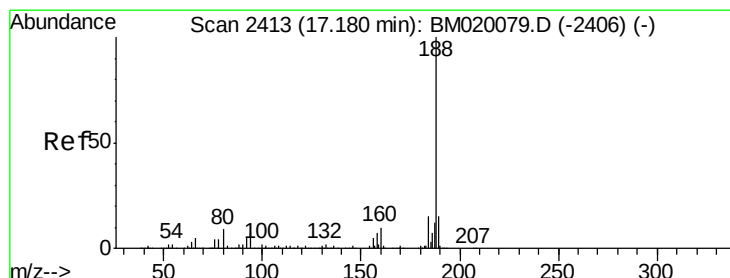
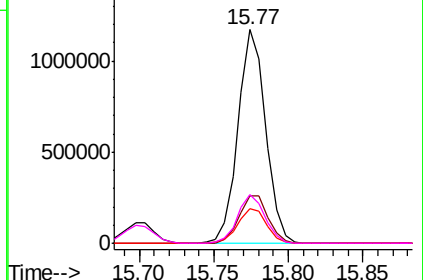
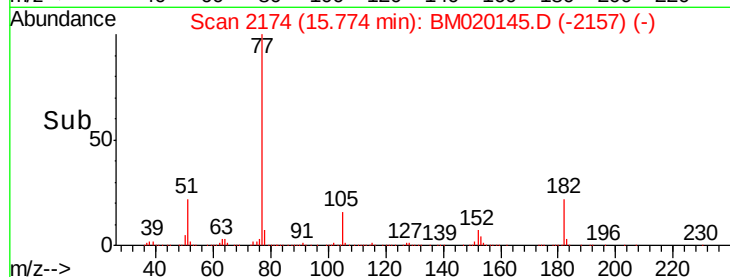


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.19 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

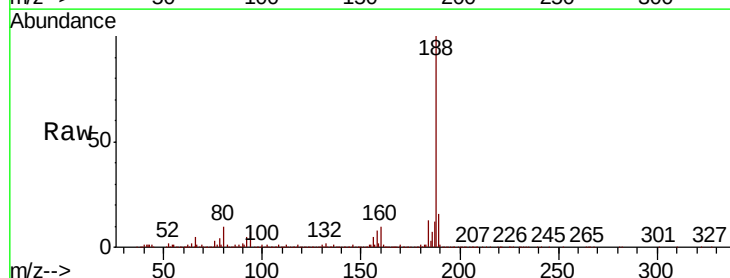
Tgt Ion: 188 Resp: 682167

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

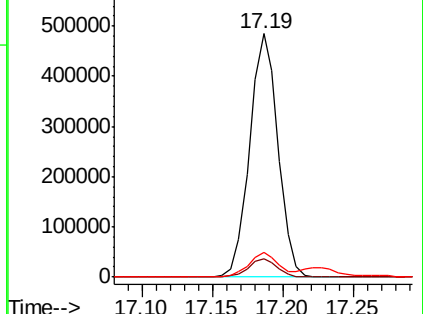
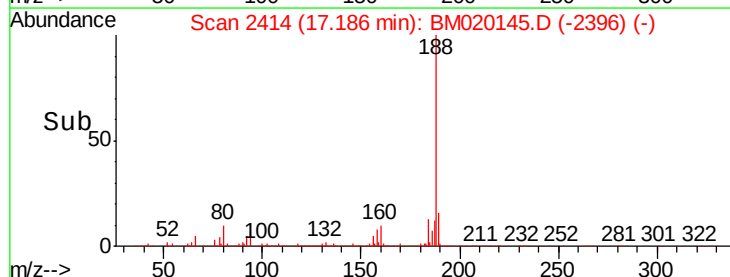
80 10.3 7.4 11.2

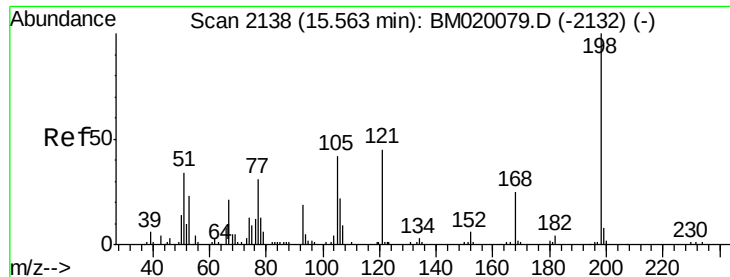


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 7.848 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

ClientSampled :

SP-02-COMPMSD

Tot Ion:198 Resp: 2776

Ion Ratio Lower Upper

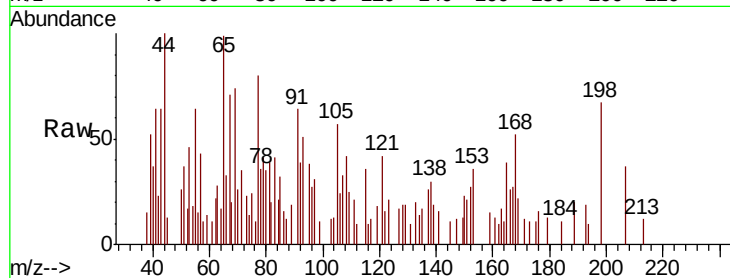
198 100

51 55.4 16.5 56.5

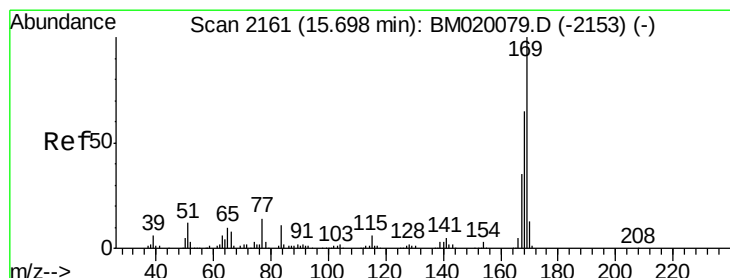
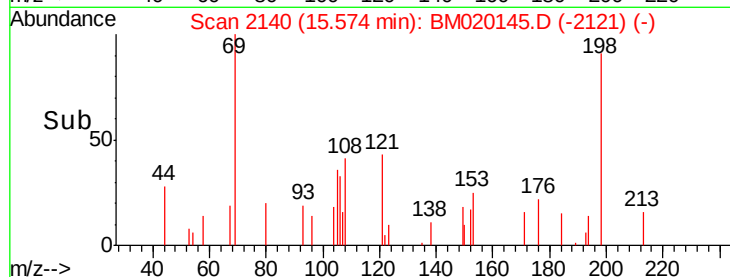
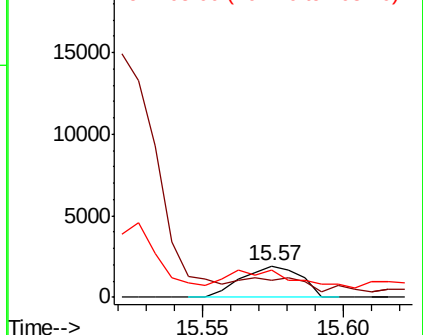
105 84.5 22.8 62.8#

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 59.141 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Tgt Ion:169 Resp: 1187144

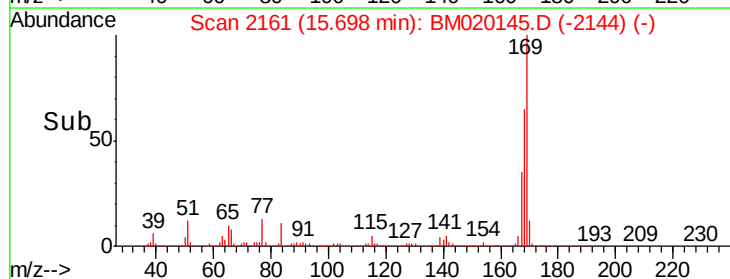
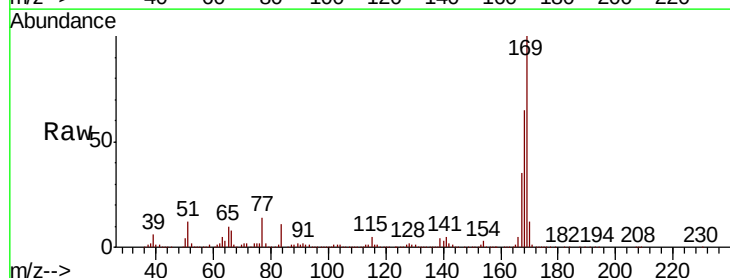
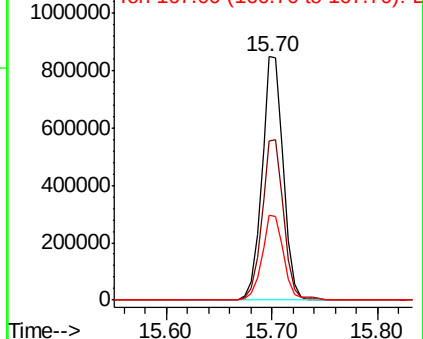
Ion Ratio Lower Upper

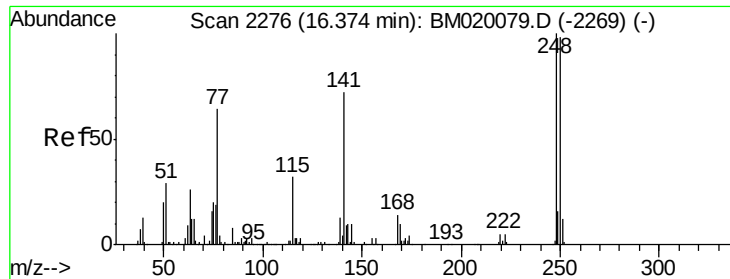
169 100

168 65.2 51.9 77.9

167 34.7 27.8 41.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





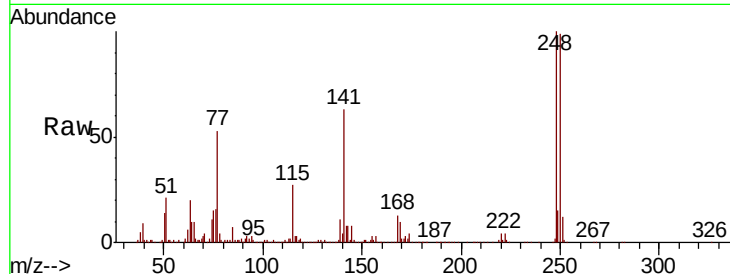
#67
4-Bromophenyl-phenylether
Concen: 55.979 ng
RT: 16.38 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.4	117.6
141	63.5	57.4	86.2

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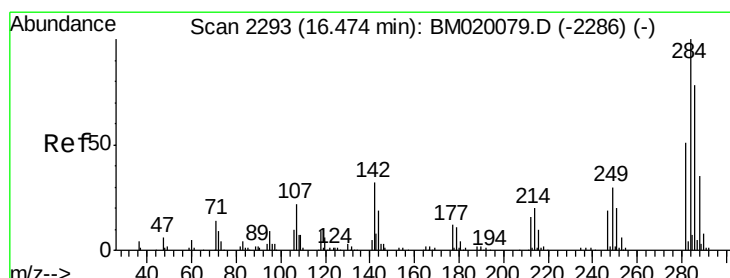
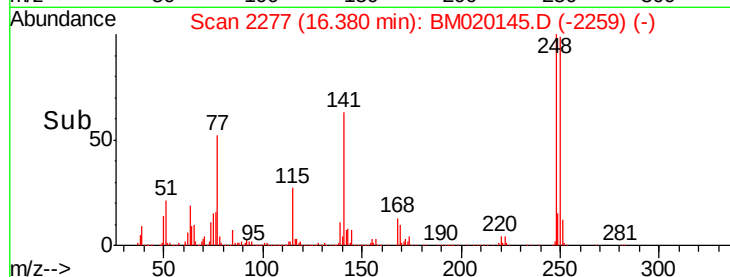
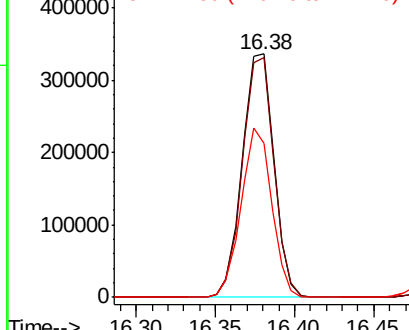


Abundance

Ion 248.00 (247.70 to 248.70): E

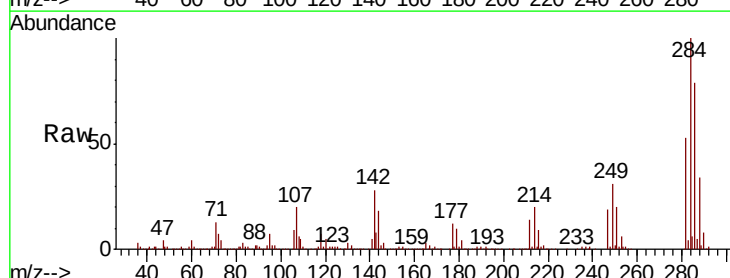
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 55.401 ng
RT: 16.49 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	25.2	37.8
249	30.7	23.6	35.4

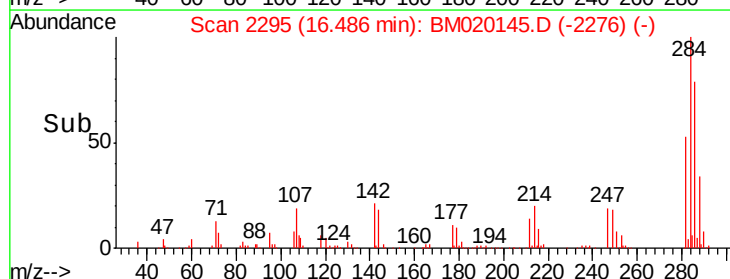
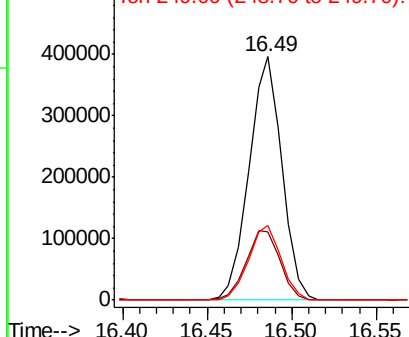


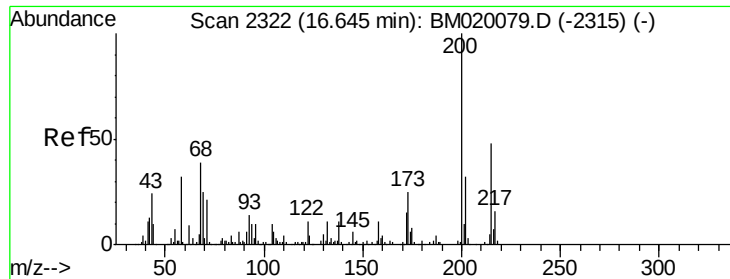
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





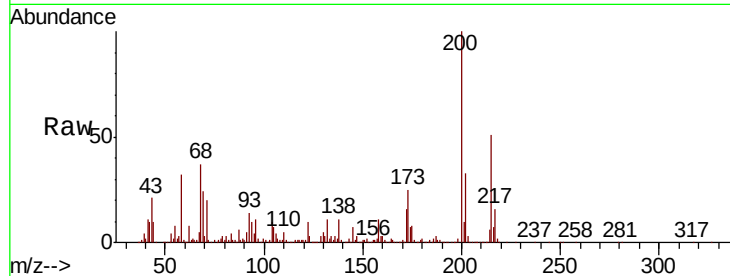
#69
Atrazine
Concen: 44.063 ng
RT: 16.65 min Scan# 2323
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampled :
SP-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	345649		
173	25.0	4.6	44.6	
215	50.5	28.0	68.0	

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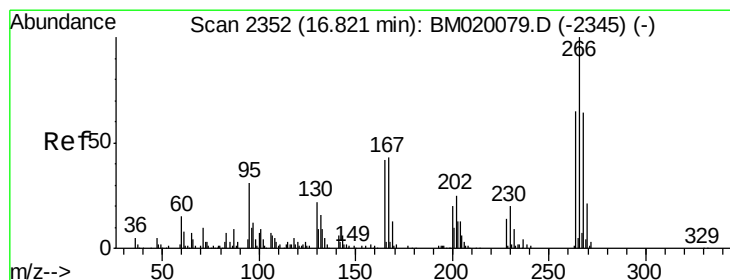
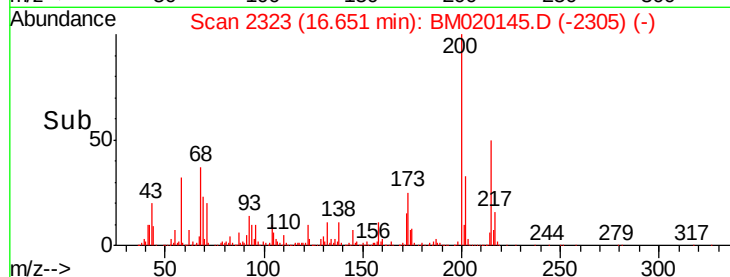
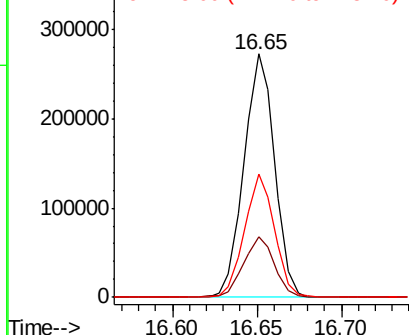


Abundance

Ion 200.00 (199.70 to 200.70): E

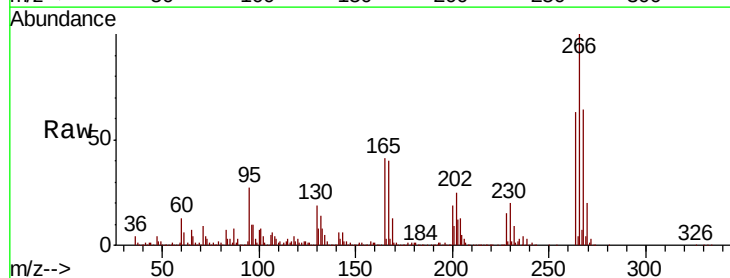
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 125.076 ng
RT: 16.83 min Scan# 2354
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	688879		
268	63.7	51.4	77.0	
264	62.7	52.0	78.0	

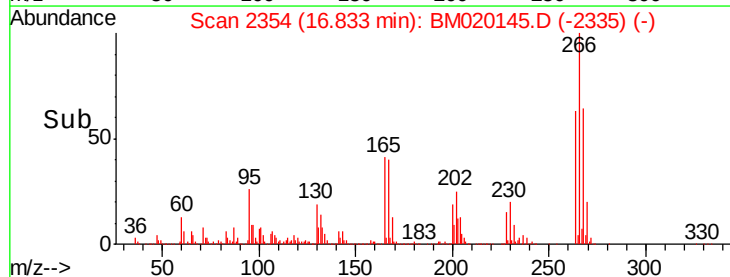
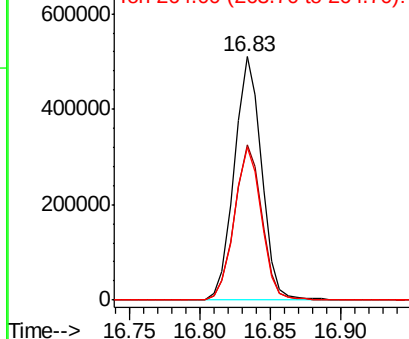


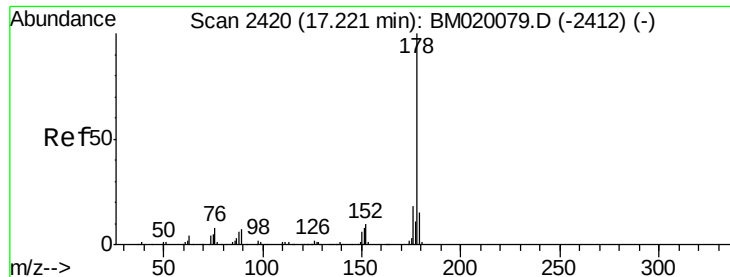
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





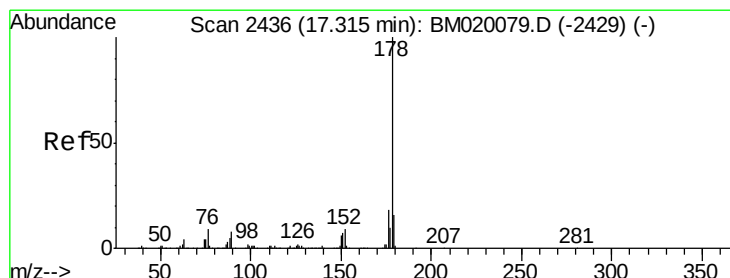
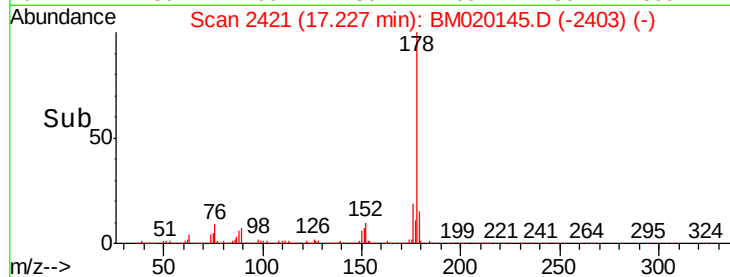
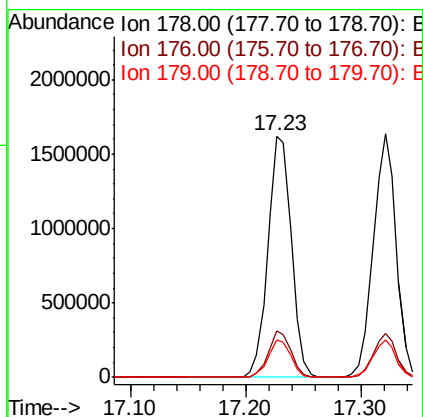
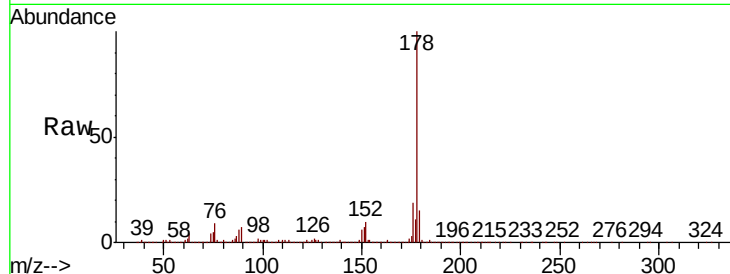
#71
Phenanthrene
Concen: 60.827 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	15.4	12.4	18.6

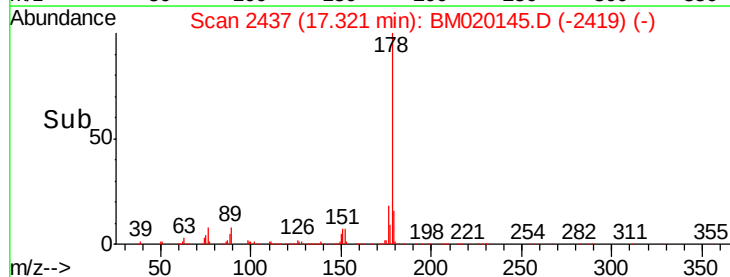
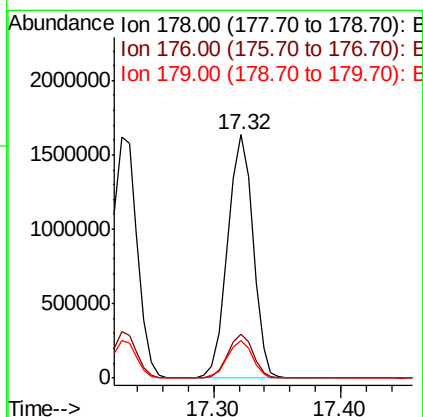
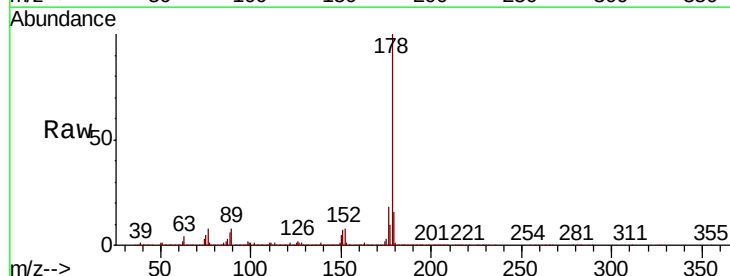
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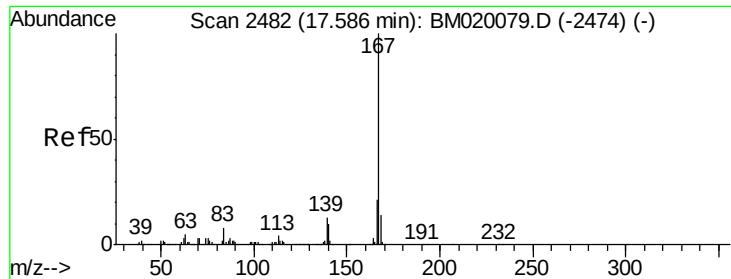
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#72
Anthracene
Concen: 59.883 ng
RT: 17.32 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.6	12.4	18.6





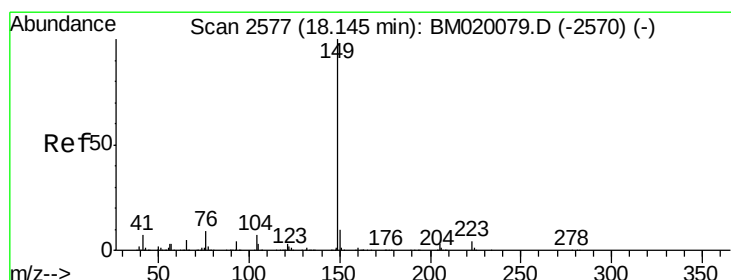
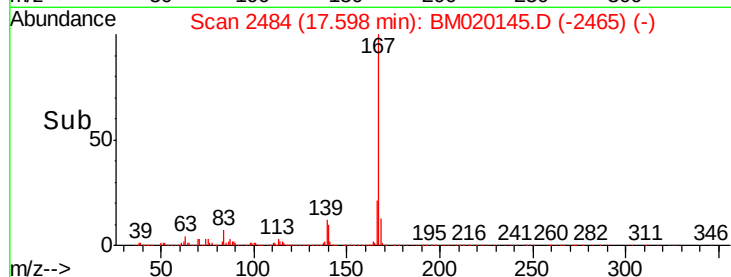
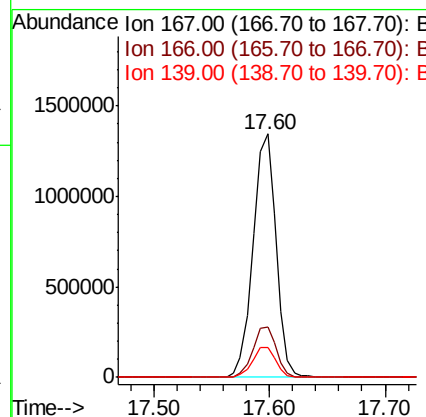
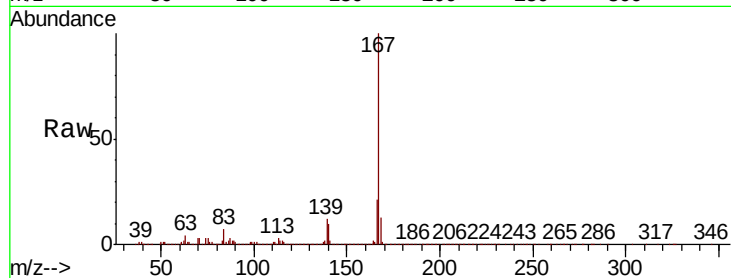
#73
 Carbazole
 Concen: 54.887 ng
 RT: 17.60 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.4	10.6	16.0

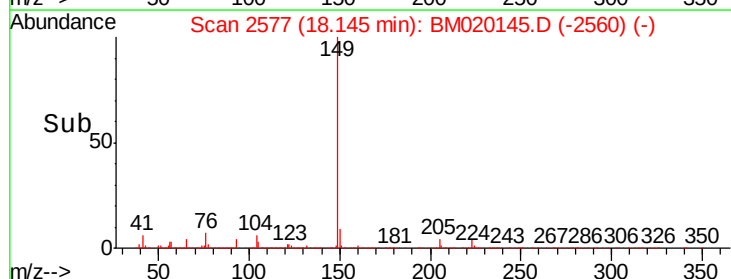
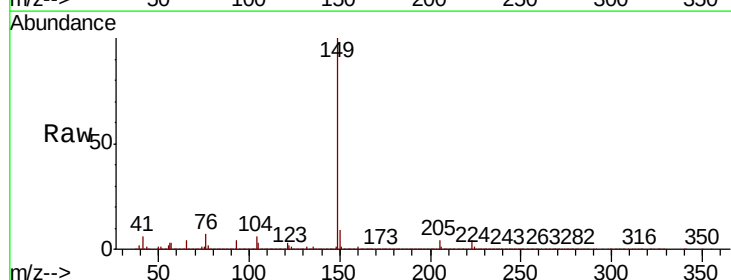
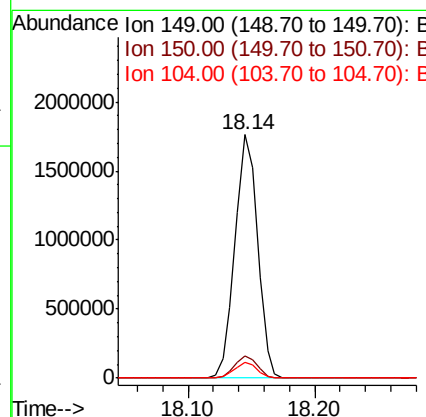
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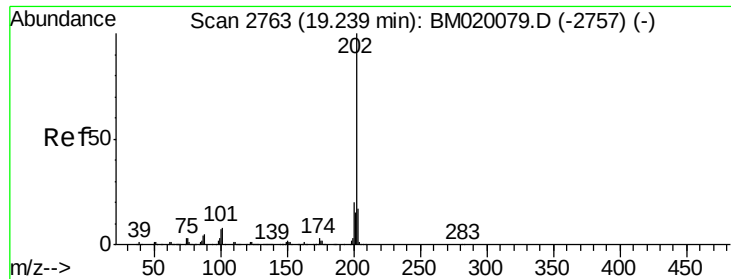
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#74
 Di-n-butylphthalate
 Concen: 52.874 ng
 RT: 18.14 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	6.5	5.7	8.5





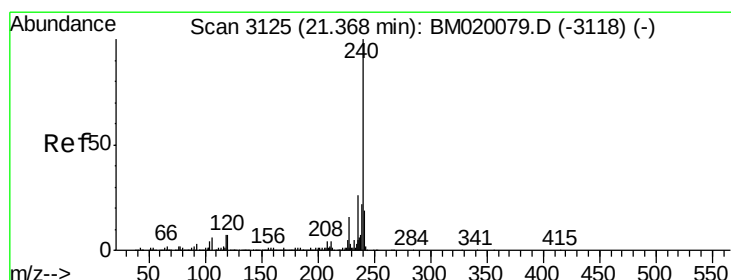
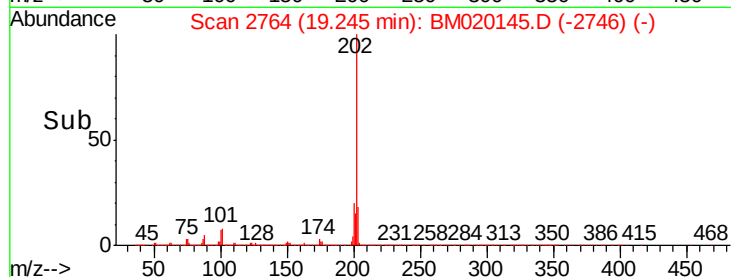
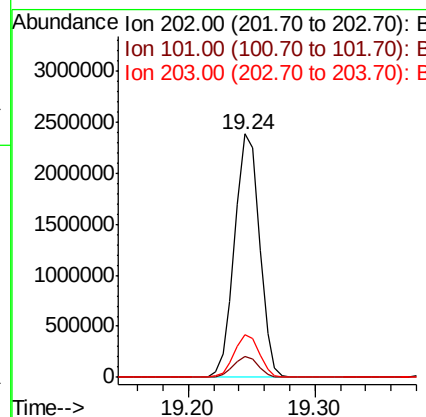
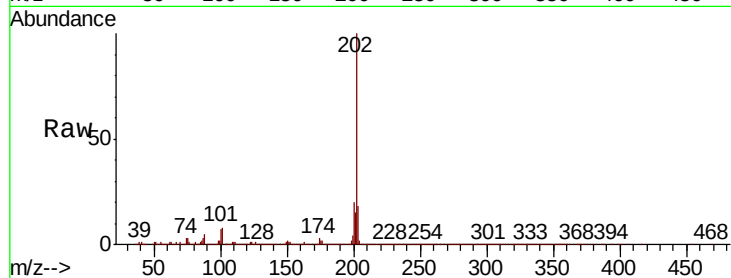
#75
Fluoranthene
Concen: 67.674 ng
RT: 19.24 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.4
203	17.6	0.0	37.4

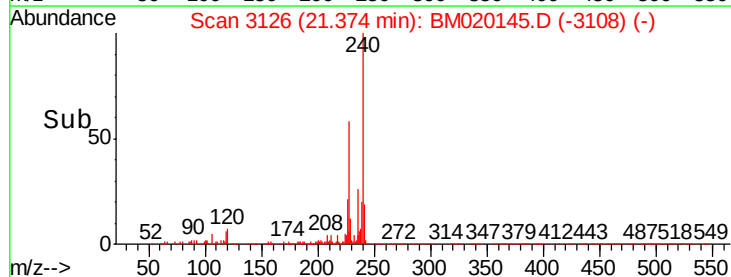
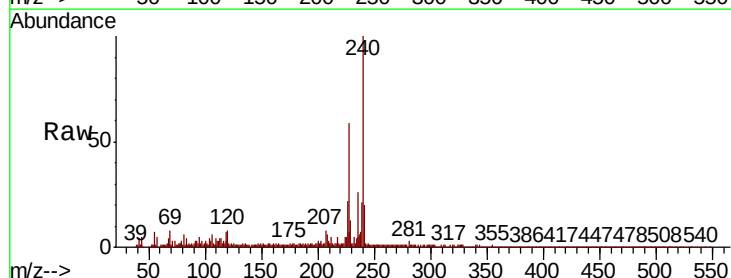
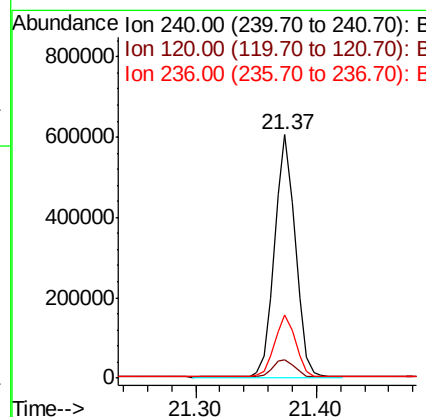
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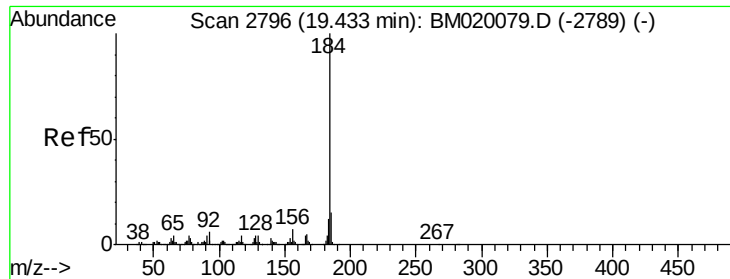
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.6	8.4
236	26.0	20.9	31.3





#77

Benzidine

Concen: 3.583 ng

RT: 19.44 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

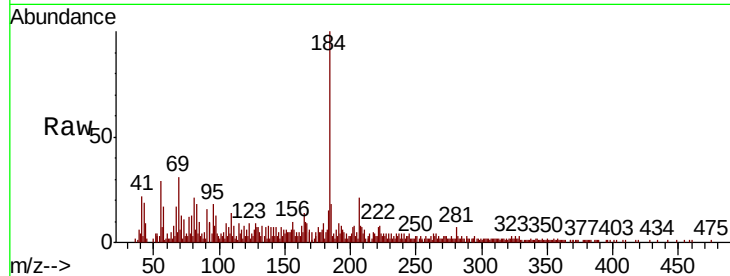
ClientSampleId :

SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.0	18.0
183	14.5	9.5	14.3

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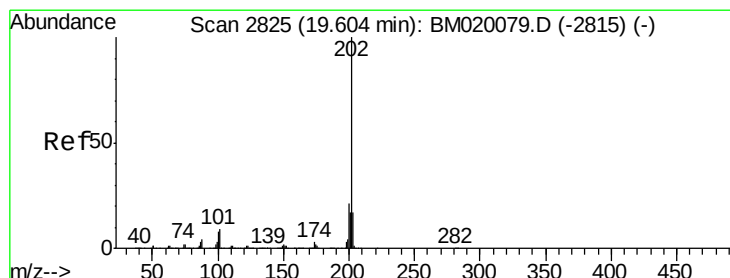
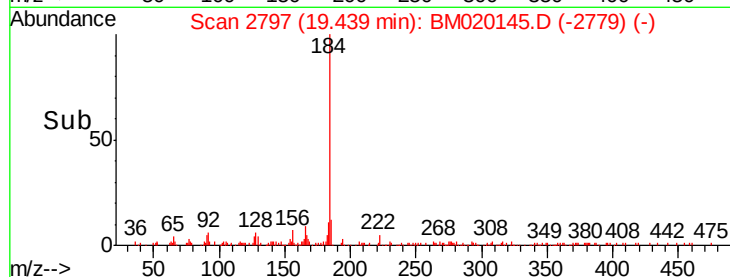
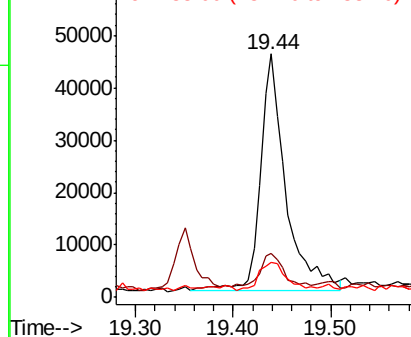


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 67.646 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

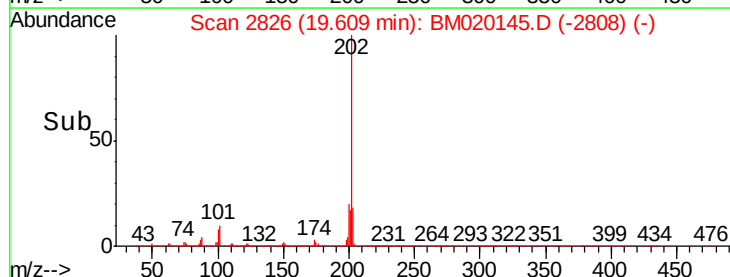
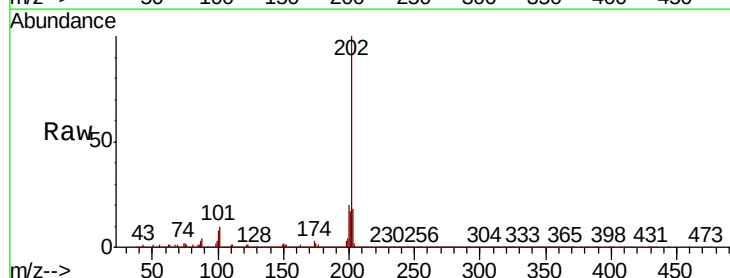
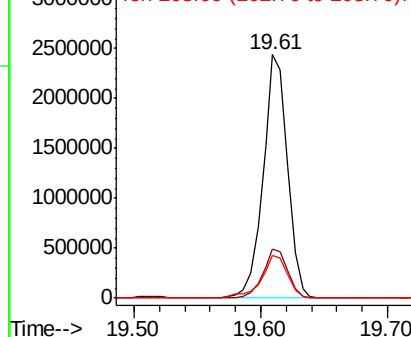
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.5	24.7
203	17.7	13.9	20.9

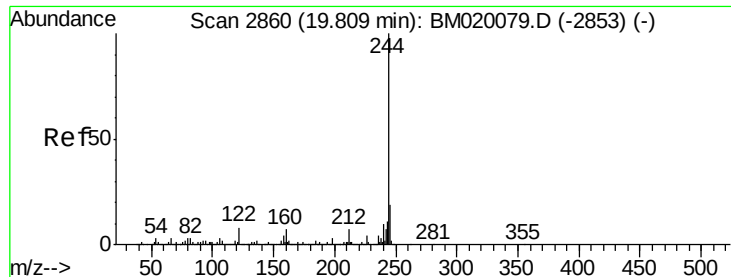
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





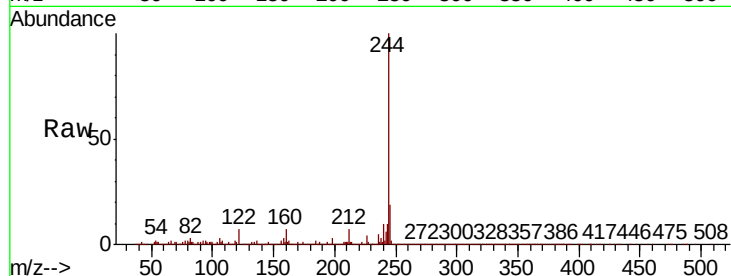
#79
 Terphenyl-d14
 Concen: 83.626 ng
 RT: 19.81 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.4	6.2	9.2

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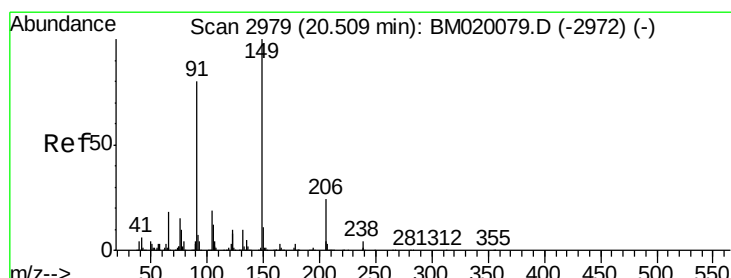
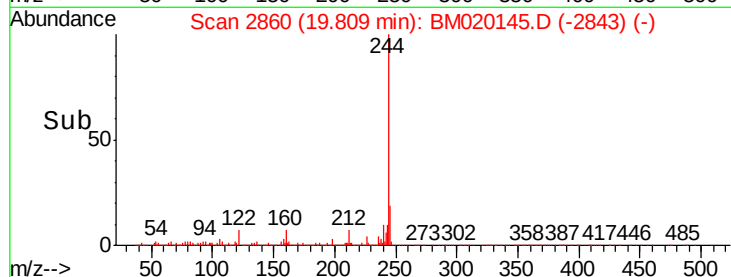
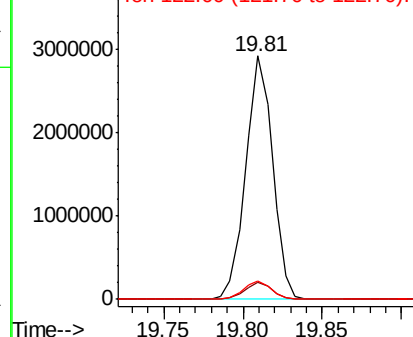


Abundance

Ion 244.00 (243.70 to 244.70): E

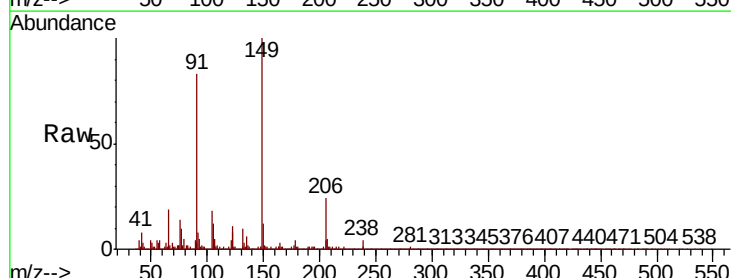
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 58.611 ng
 RT: 20.50 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.4	63.8	95.8
206	23.9	18.9	28.3

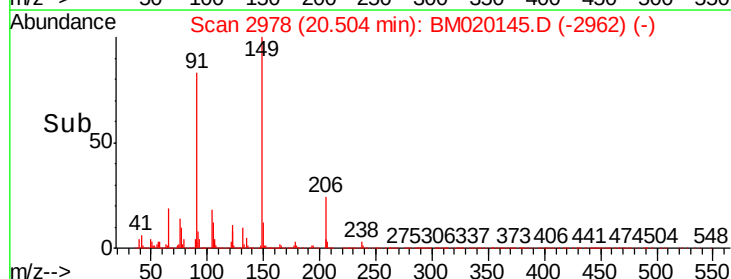
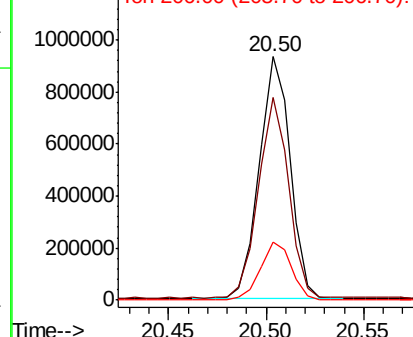


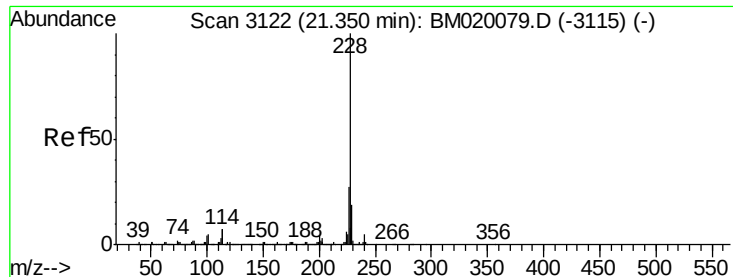
Abundance

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: 62.931 ng

RT: 21.36 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

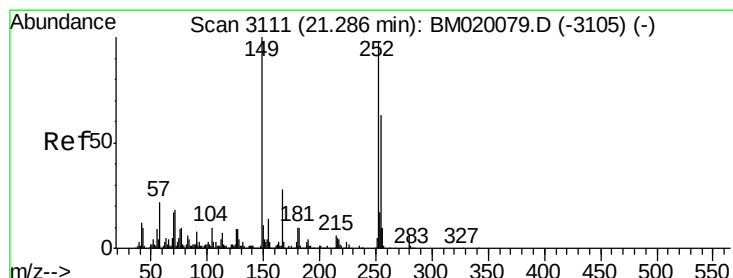
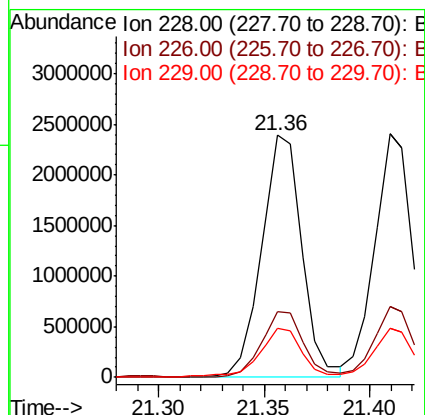
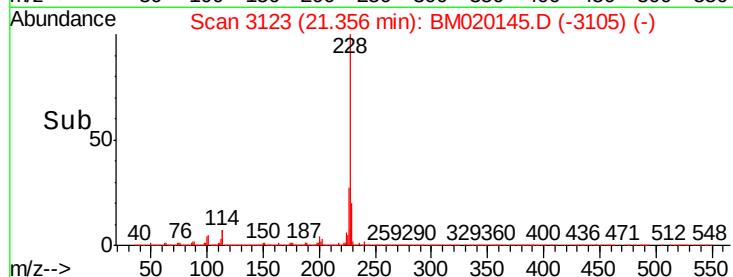
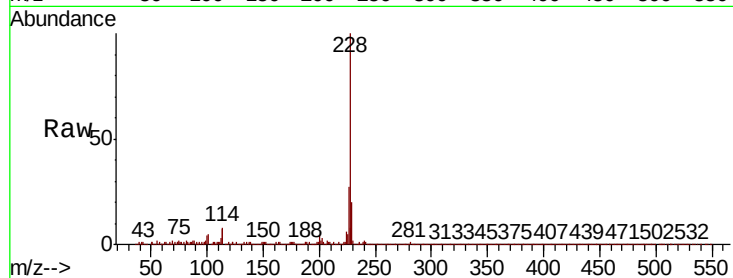
ClientSampleId :

SP-02-COMPMSD

Tot Ion:	228	Resp:	3153526
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	20.3	15.5	23.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 39.407 ng

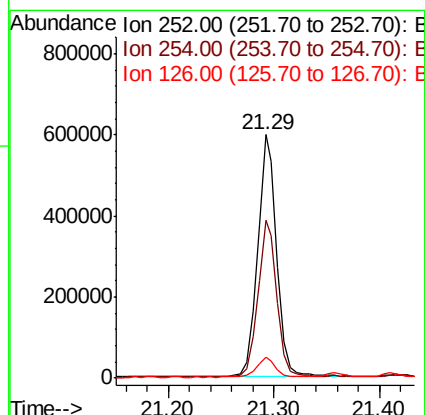
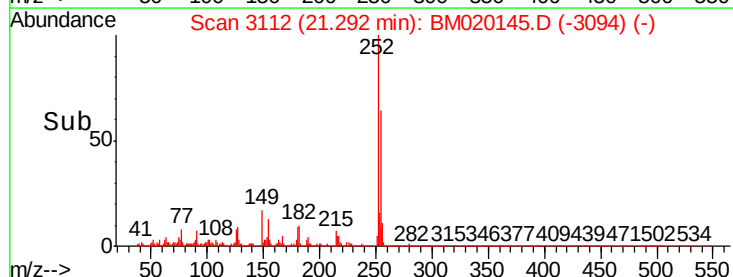
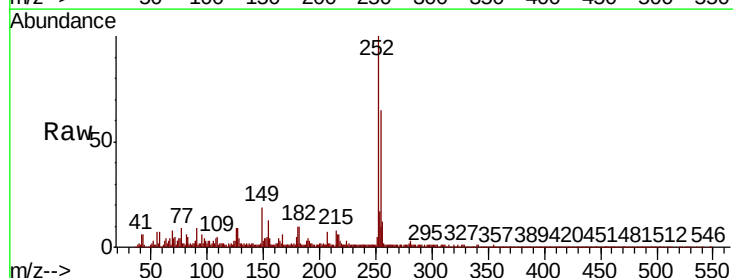
RT: 21.29 min Scan# 3112

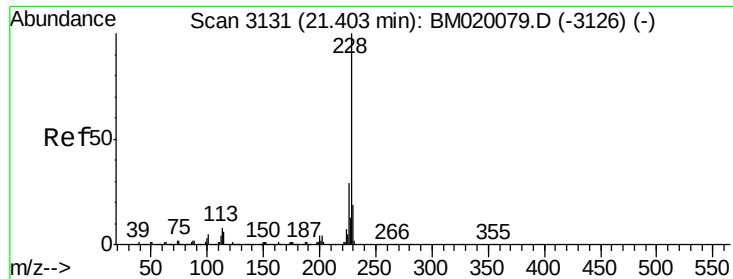
Delta R.T. 0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Tgt Ion:	252	Resp:	753687
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.1	76.7
126	8.8	7.1	10.7





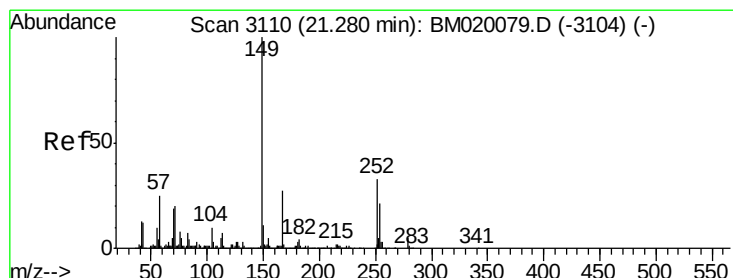
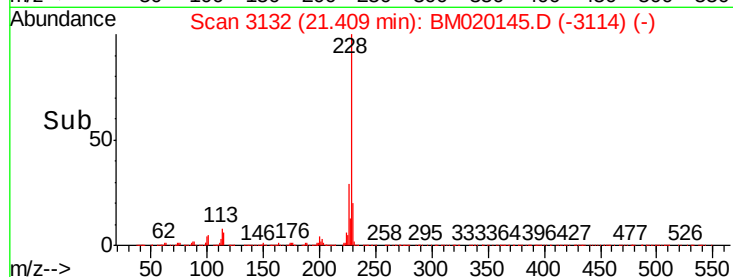
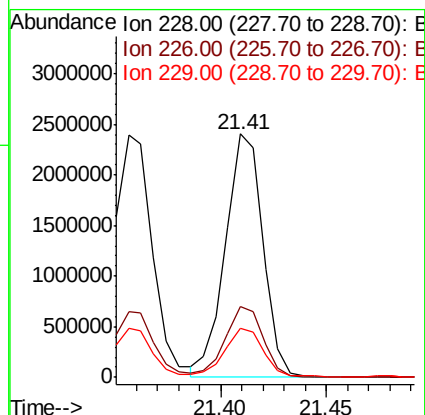
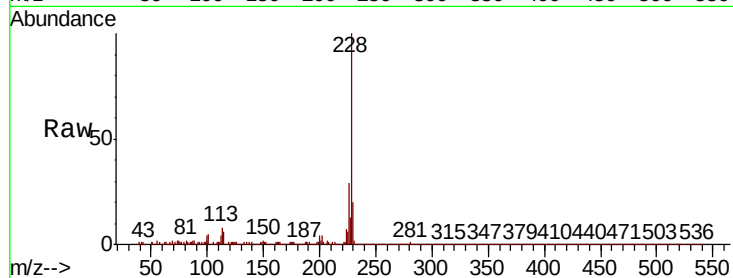
#83
 Chrysene
 Concen: 60.344 ng
 RT: 21.41 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	20.2	15.5	23.3

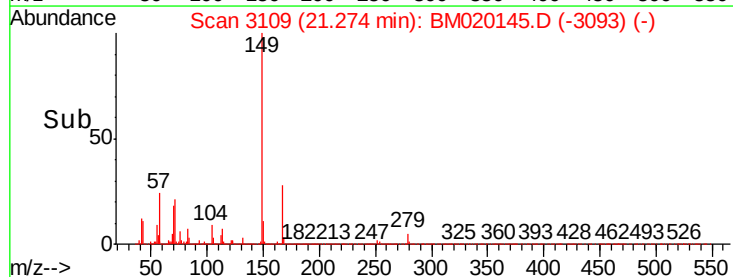
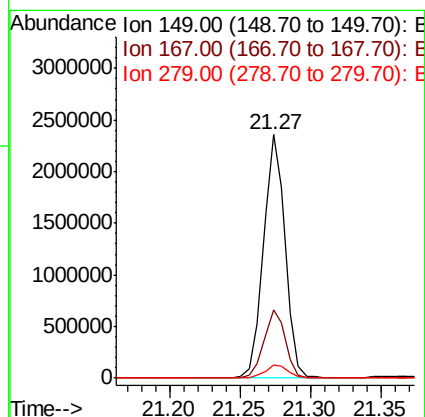
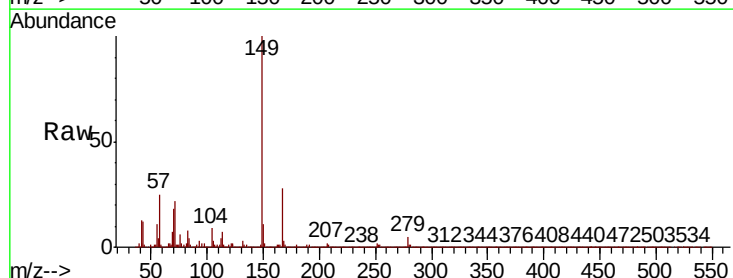
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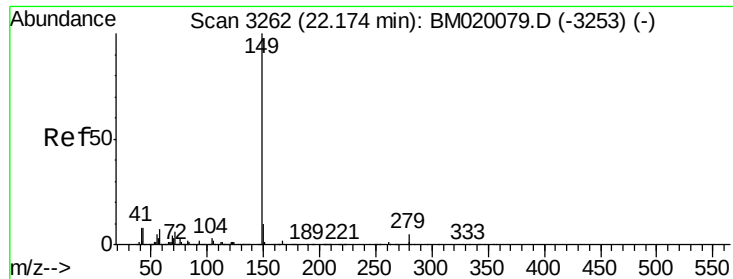
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 93.339 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM020145.D
 Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.8
279	5.4	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 62.405 ng

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMSD

Tot Ion:149 Resp: 2807858

Ion Ratio Lower Upper

149 100

167 2.4 1.3 1.9#

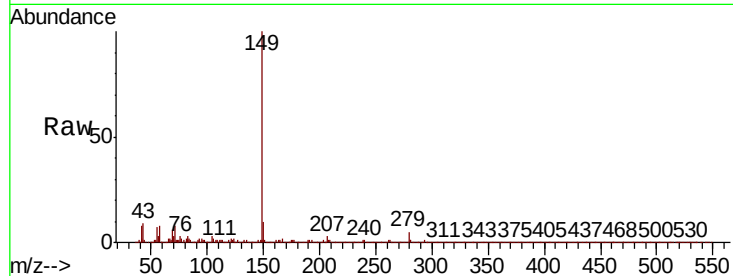
43 7.7 6.5 9.7

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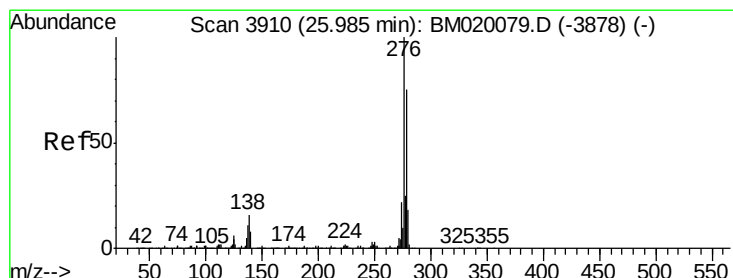
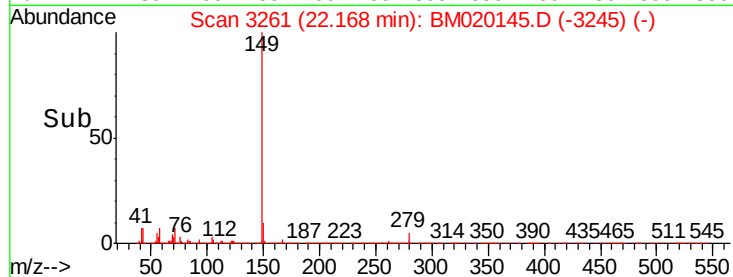
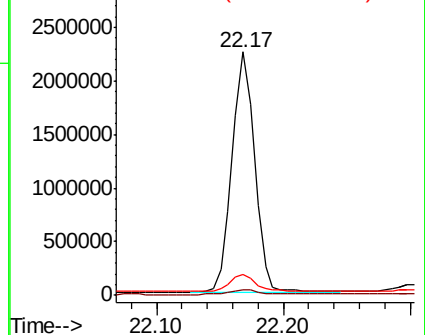
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.442 ng

RT: 26.03 min Scan# 3917

Delta R.T. 0.04 min

Lab File: BM020145.D

Acq: 06 May 2019 20:50

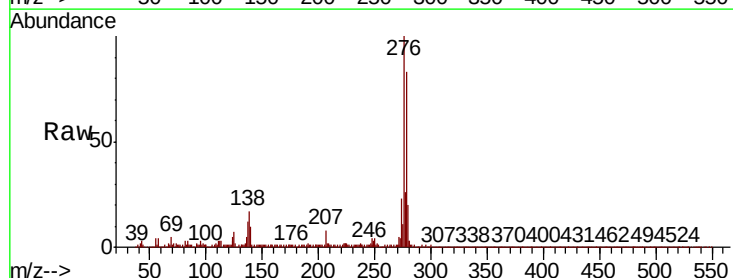
Tgt Ion:276 Resp: 3725212

Ion Ratio Lower Upper

276 100

138 16.0 0.0 0.0#

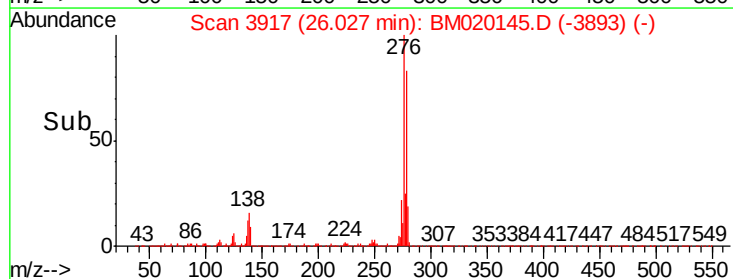
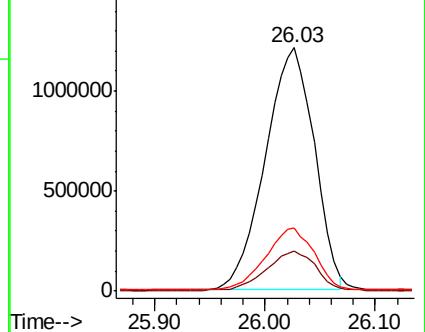
277 24.8 0.0 0.0#

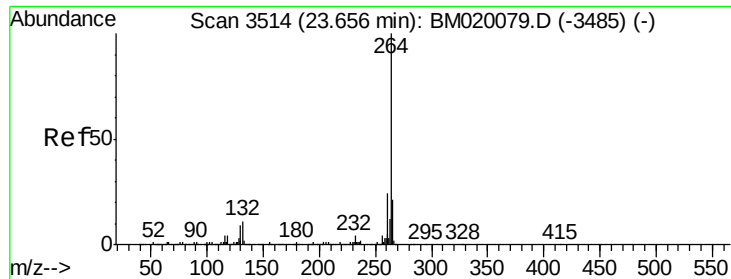


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





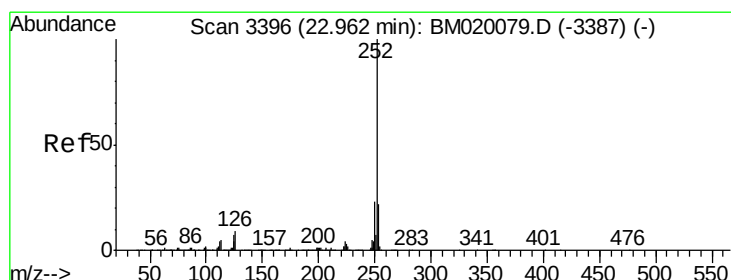
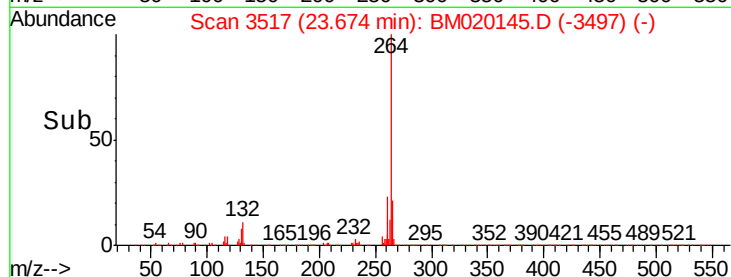
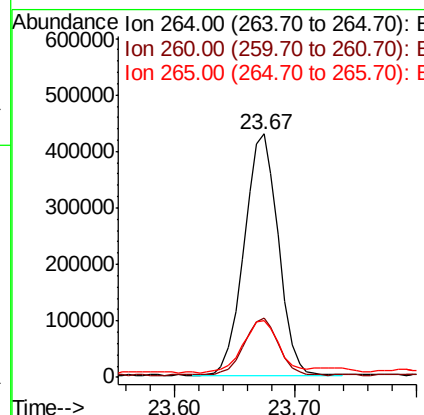
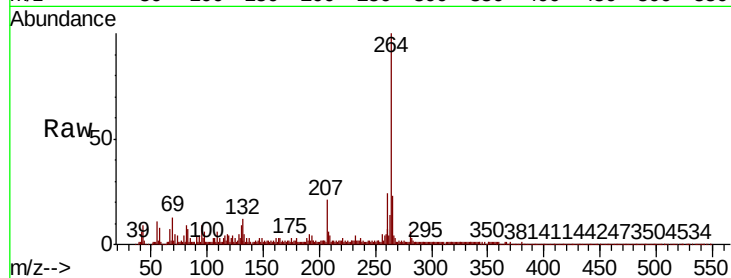
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3517
Delta R.T. 0.02 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.3	16.9	25.3

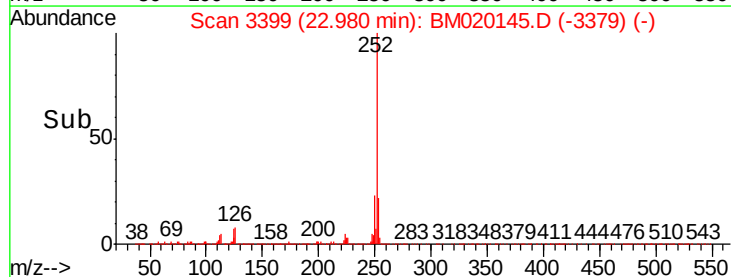
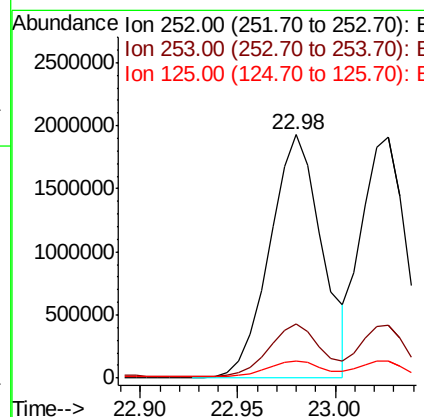
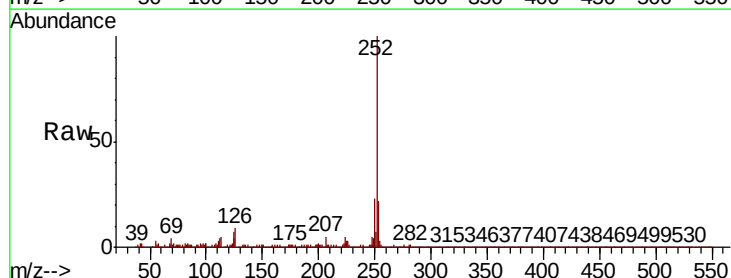
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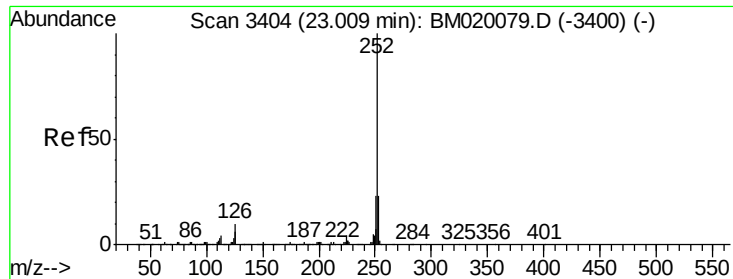
mohammad
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#88
Benzo(b)fluoranthene
Concen: 63.905 ng
RT: 22.98 min Scan# 3399
Delta R.T. 0.02 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	7.2	5.4	8.2





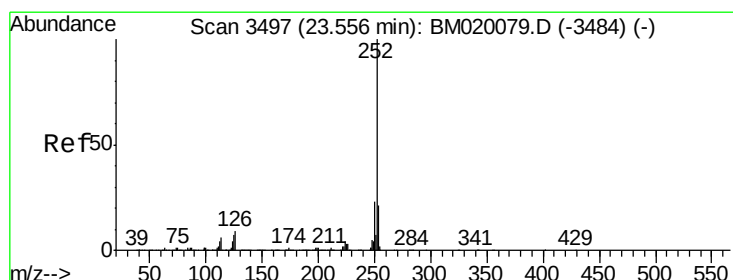
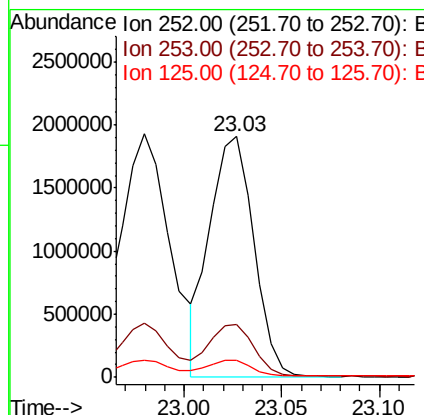
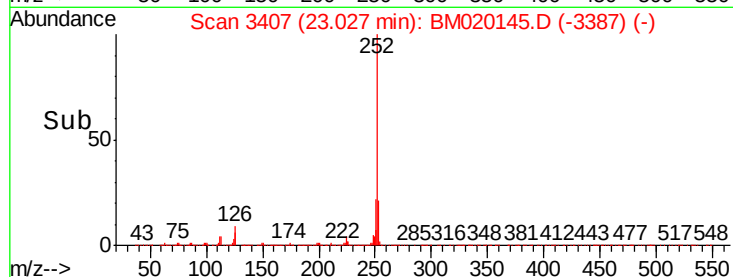
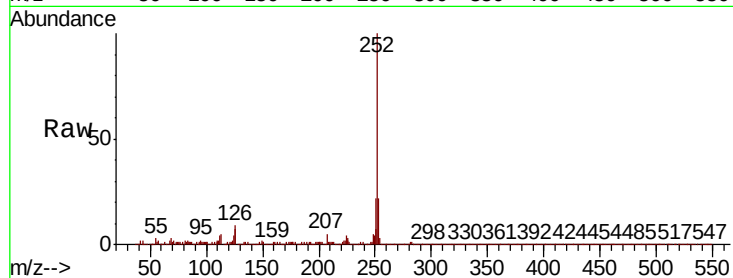
#89
Benzo(k)fluoranthene
Concen: 58.700 ng
RT: 23.03 min Scan# 3407
Delta R.T. 0.02 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion:252 Resp: 2977074
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.8 5.4 8.0

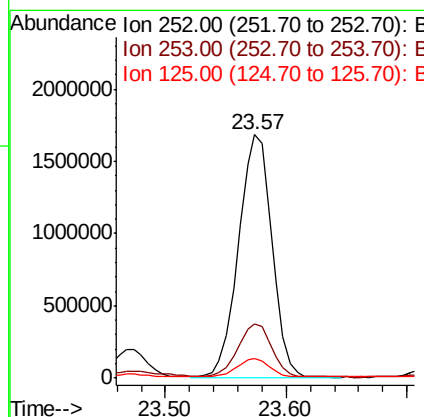
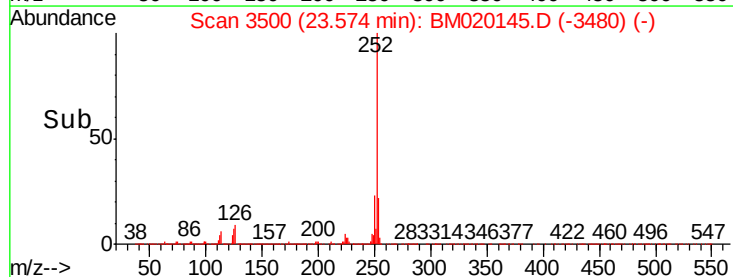
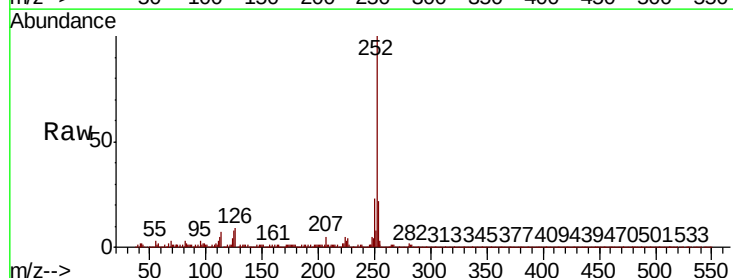
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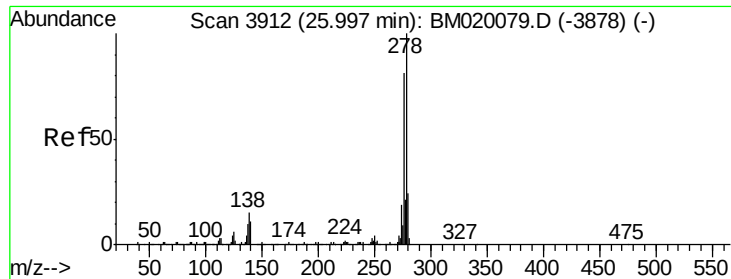
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#90
Benzo(a)pyrene
Concen: 64.004 ng
RT: 23.57 min Scan# 3500
Delta R.T. 0.02 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion:252 Resp: 3232316
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 7.8 5.5 8.3





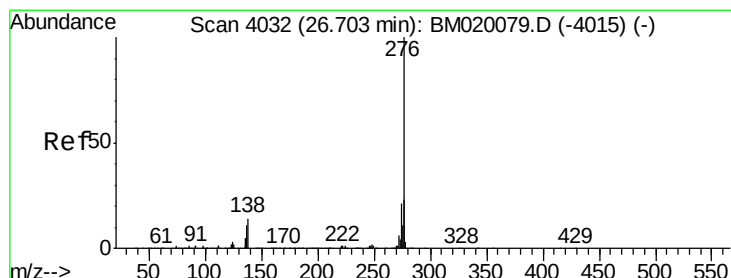
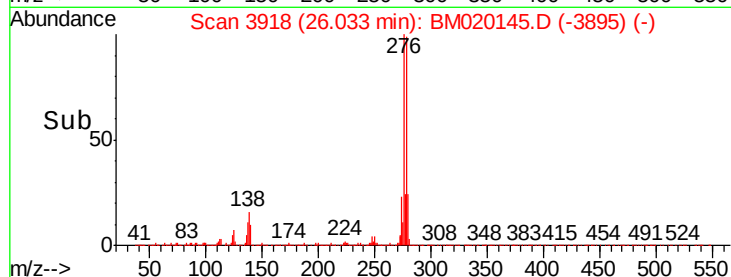
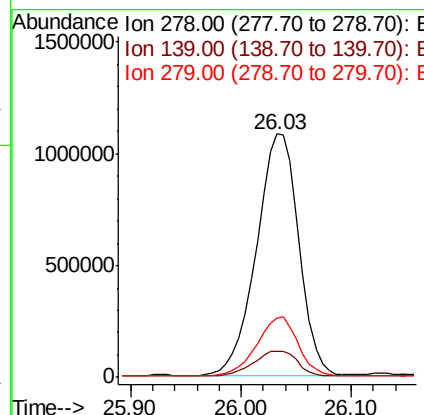
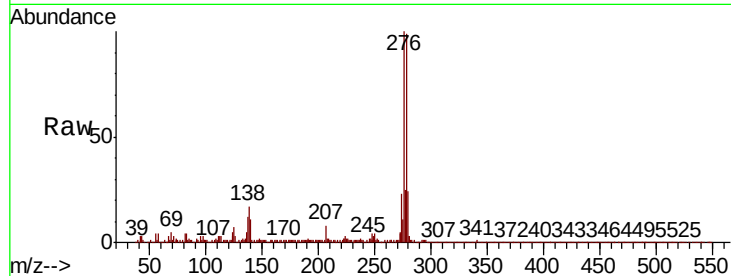
#91
Dibenzo(a,h)anthracene
Concen: 55.234 ng
RT: 26.03 min Scan# 3918
Delta R.T. 0.04 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.9	8.6	13.0
279	24.1	18.8	28.2

Manual Integrations
APPROVED

mohammad
5/7/2019 3:11:47 PM



#92
Benzo(g,h,i)perylene
Concen: 63.076 ng
RT: 26.75 min Scan# 4040
Delta R.T. 0.05 min
Lab File: BM020145.D
Acq: 06 May 2019 20:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	14.3	11.1	16.7

