

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
 Data File : BM020319.D
 Acq On : 13 May 2019 16:57
 Operator : JU/SJ
 Sample : K2823-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MSD

Manual Integrations
 APPROVED

mohammad
 5/14/2019 11:11:56 PM

Quant Time: May 14 04:16:26 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	7.76	152	39310	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	145730	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	89958	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	226187	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	266376	20.00	ng	-0.02
87) Perylene-d12	23.63	264	303119	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	332560	138.29	ng	-0.02
7) Phenol-d6	6.93	99	453061	137.90	ng	-0.02
23) Nitrobenzene-d5	8.92	82	300544	81.42	ng	-0.04
42) 2,4,6-Tribromophenol	15.90	330	210445	150.71	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	584033	79.88	ng	-0.04
79) Terphenyl-d14	19.79	244	1099424	71.99	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	42514	36.045	ng	# 93
3) Pyridine	3.68	79	120055	39.799	ng	93
4) n-Nitrosodimethylamine	3.60	42	36076	37.295	ng	# 54
6) Aniline	7.09	93	119520	28.899	ng	97
8) 2-Chlorophenol	7.32	128	116227	44.386	ng	96
9) Benzaldehyde	6.91	77	60734	24.424	ng	92
10) Phenol	6.96	94	158486	44.810	ng	90
11) bis(2-Chloroethyl)ether	7.19	93	110819	43.109	ng	94
12) 1,3-Dichlorobenzene	7.65	146	123075	40.397	ng	93
13) 1,4-Dichlorobenzene	7.79	146	125310	40.715	ng	96
14) 1,2-Dichlorobenzene	8.10	146	122890	41.910	ng	96
15) Benzyl Alcohol	8.00	79	117547	37.104	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.29	45	84476	39.631	ng	95
17) 2-Methylphenol	8.20	107	98873	43.427	ng	94
18) Hexachloroethane	8.82	117	61037	47.563	ng	96
19) n-Nitroso-di-n-propylamine	8.56	70	107545	38.261	ng	93
20) 3+4-Methylphenols	8.53	107	128244	42.381	ng	95
22) Acetophenone	8.59	105	176877	44.410	ng	# 95
24) Nitrobenzene	8.97	77	159413	41.653	ng	96
25) Isophorone	9.49	82	277433	43.584	ng	98
26) 2-Nitrophenol	9.67	139	57809	50.033	ng	91
27) 2,4-Dimethylphenol	9.73	122	98878	51.402	ng	100
28) bis(2-Chloroethoxy)methane	9.97	93	149512	43.126	ng	99
29) 2,4-Dichlorophenol	10.20	162	107847	44.462	ng	99
30) 1,2,4-Trichlorobenzene	10.41	180	127883	42.847	ng	99
31) Naphthalene	10.60	128	336419	44.485	ng	99
32) Benzoic acid	9.79	122	8856m	12.190	ng	
33) 4-Chloroaniline	10.73	127	84506	27.149	ng	95
34) Hexachlorobutadiene	10.86	225	80805	38.272	ng	98
35) Caprolactam	11.53	113	34318m	47.316	ng	
36) 4-Chloro-3-methylphenol	11.85	107	120472	42.264	ng	93
37) 2-Methylnaphthalene	12.22	142	303648	55.076	ng	96
38) 1-Methylnaphthalene	12.44	142	262546	48.699	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	151526	43.053	ng	99

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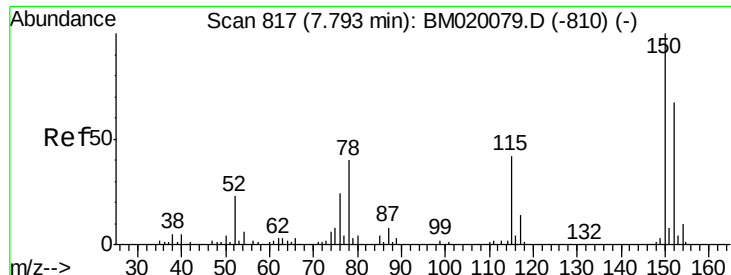
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Quant Time: May 14 04:16:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	169203	81.650	nq	97
43) 2,4,6-Trichlorophenol	12.83	196	100648	50.318	nq	99
44) 2,4,5-Trichlorophenol	12.90	196	104999	46.989	nq	97
46) 1,1'-Biphenyl	13.23	154	321492	43.419	nq	99
47) 2-Chloronaphthalene	13.28	162	260403	44.048	nq	97
48) 2-Nitroaniline	13.50	65	85581	40.662	nq	91
49) Acenaphthylene	14.13	152	411179	43.459	nq	99
50) Dimethylphthalate	13.87	163	428466	56.040	nq	99
51) 2,6-Dinitrotoluene	14.00	165	72269	44.878	nq	86
52) Acenaphthene	14.47	154	237803	43.830	nq	99
53) 3-Nitroaniline	14.33	138	49726	33.270	nq	98
54) 2,4-Dinitrophenol	14.54	184	38302	50.928	nq	88
55) Dibenzofuran	14.80	168	405159	44.271	nq	97
56) 4-Nitrophenol	14.64	139	115571m	90.629	nq	
57) 2,4-Dinitrotoluene	14.79	165	105789	48.346	nq	# 93
58) Fluorene	15.46	166	327811	43.615	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	107440	50.596	nq	96
60) Diethylphthalate	15.23	149	333379	43.279	nq	100
61) 4-Chlorophenyl-phenylether	15.45	204	182991	42.969	nq	94
62) 4-Nitroaniline	15.50	138	64717m	39.236	nq	
63) Azobenzene	15.74	77	356969	39.282	nq	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	52954	46.639	nq	96
66) n-Nitrosodiphenylamine	15.67	169	292970	44.018	nq	98
67) 4-Bromophenyl-phenylether	16.34	248	115113	41.503	nq	94
68) Hexachlorobenzene	16.45	284	134685	42.198	nq	97
69) Atrazine	16.62	200	112973	43.434	nq	98
70) Pentachlorophenol	16.80	266	176404	96.597	nq	97
71) Phenanthrene	17.20	178	559731	44.830	nq	99
72) Anthracene	17.29	178	548334	43.925	nq	98
73) Carbazole	17.57	167	497231	44.143	nq	98
74) Di-n-butylphthalate	18.12	149	573149	42.281	nq	98
75) Fluoranthene	19.22	202	704168	44.574	nq	99
77) Benzidine	19.42	184	311005	36.519	nq	99
78) Pyrene	19.58	202	729881	40.811	nq	99
80) Butylbenzylphthalate	20.48	149	291135	44.765	nq	97
81) Benzo(a)anthracene	21.33	228	758327	40.594	nq	99
82) 3,3'-Dichlorobenzidine	21.27	252	252164	35.367	nq	99
83) Chrysene	21.39	228	749080	41.346	nq	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	428304	42.440	nq	99
85) Di-n-octyl phthalate	22.14	149	766824	45.717	nq	97
86) Indeno(1,2,3-cd)pyrene	25.96	276	934261	43.353	nq	# 100
88) Benzo(b)fluoranthene	22.94	252	815348	40.734	nq	99
89) Benzo(k)fluoranthene	22.99	252	816266	44.706	nq	99
90) Benzo(a)pyrene	23.53	252	795289	43.742	nq	98
91) Dibenzo(a,h)anthracene	25.97	278	802029	42.418	nq	100
92) Benzo(g,h,i)perylene	26.67	276	768490	42.810	nq	97

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



#1

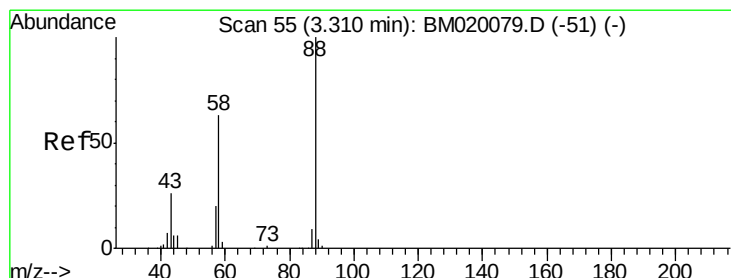
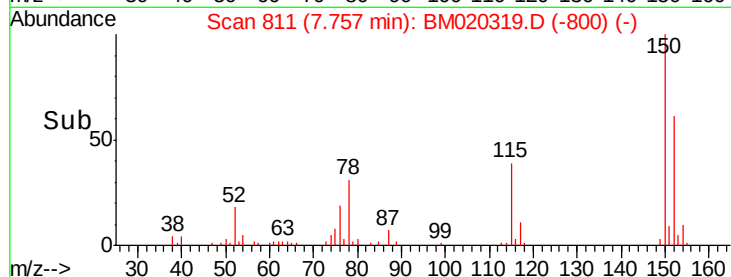
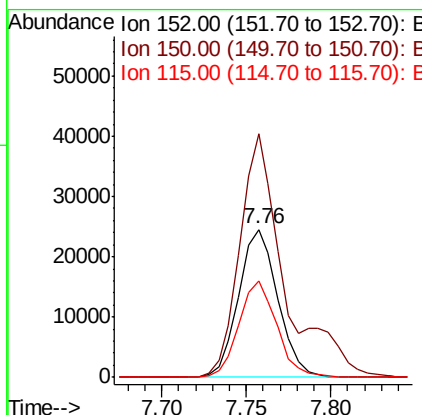
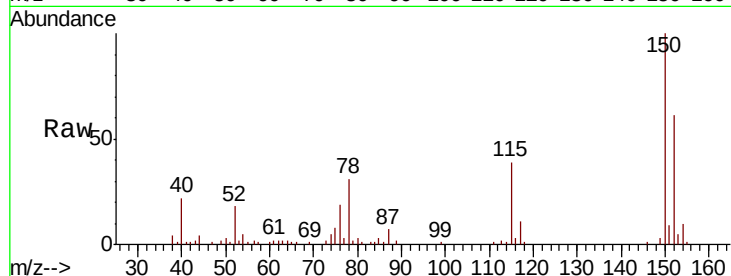
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampled :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	119.8	179.8
115	64.7	50.8	76.2

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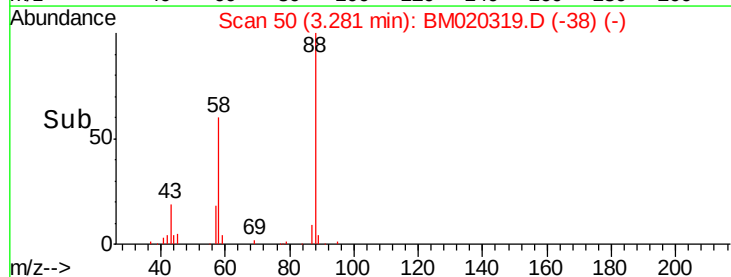
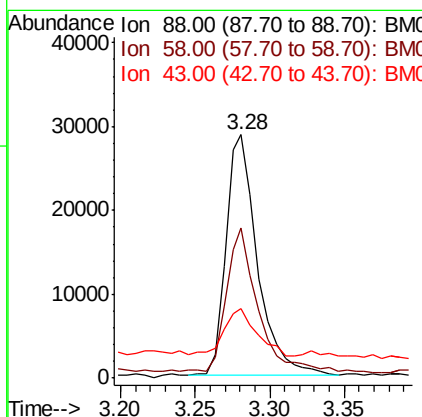
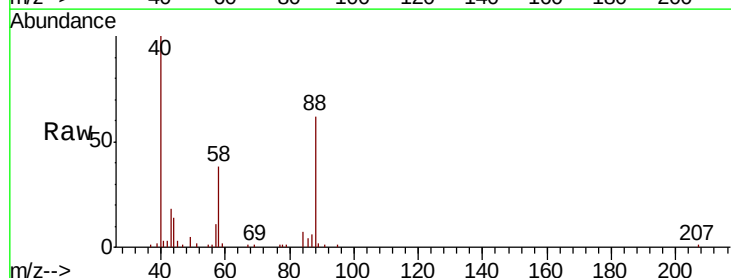
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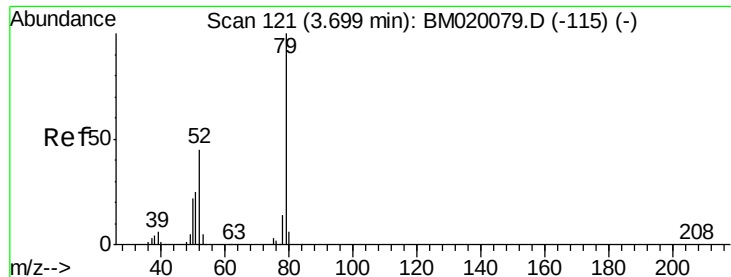


#2

1,4-Dioxane
Concen: 36.045 ng
RT: 3.28 min Scan# 50
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	51.8	77.6
43	20.0	20.3	30.5





#3

Pvridine

Concen: 39.799 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Instrument :

BNA_M

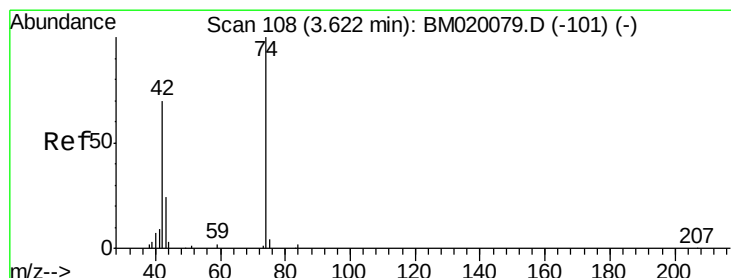
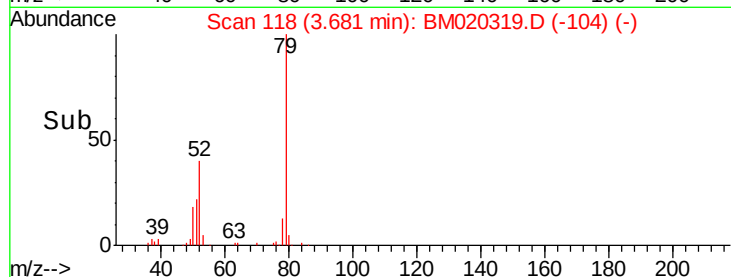
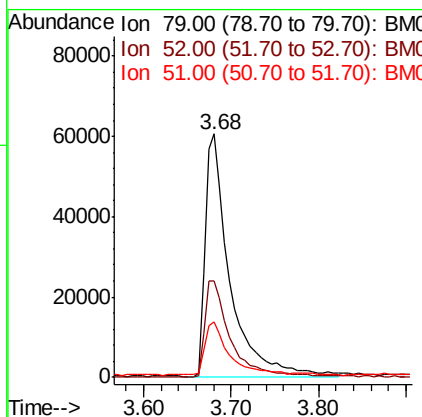
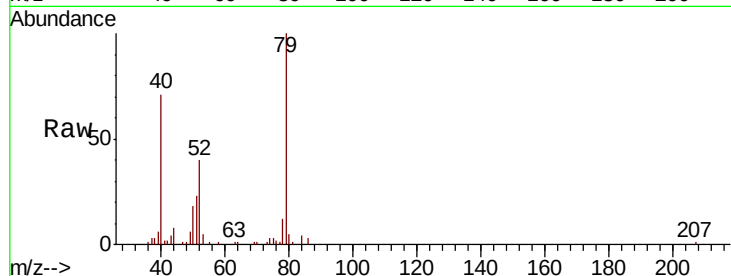
ClientSampleId :

12-B2MSD

Tot Ion:	79	Resp:	120055
Ion Ratio	Lower	Upper	
79	100		
52	39.7	35.7	53.5
51	22.9	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 37.295 ng

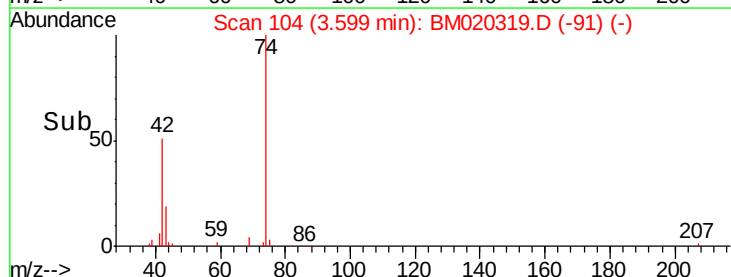
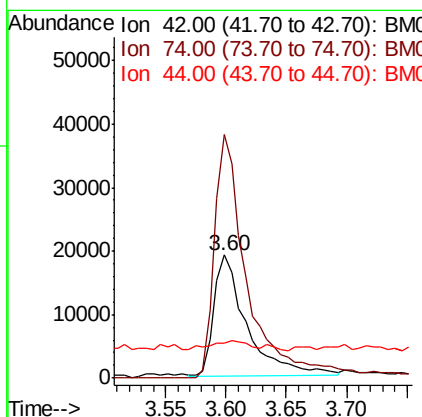
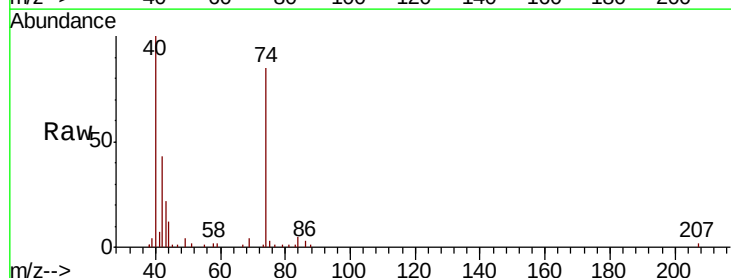
RT: 3.60 min Scan# 104

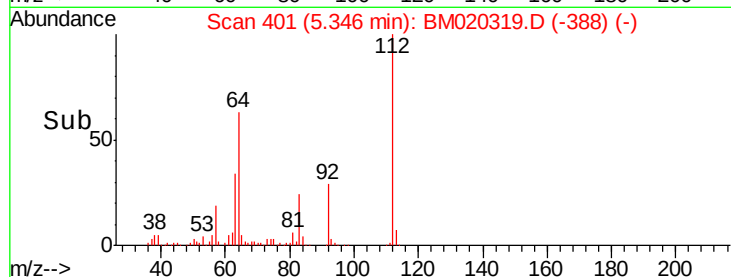
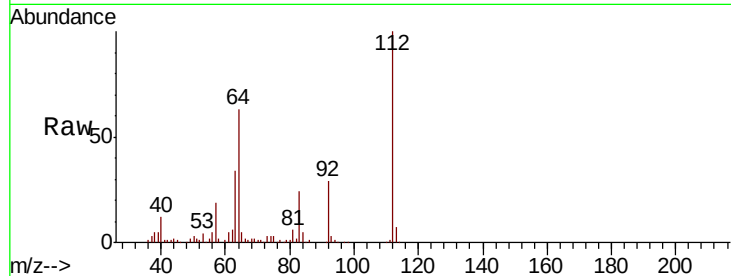
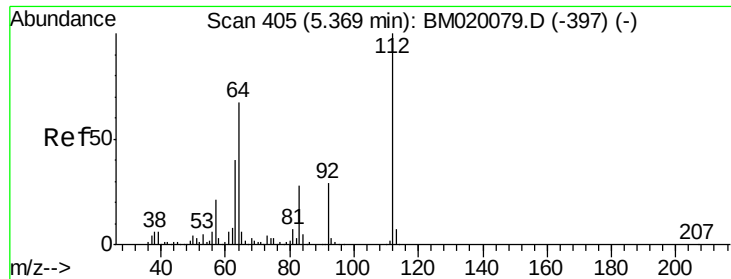
Delta R.T. -0.02 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Tgt Ion:	42	Resp:	36076
Ion Ratio	Lower	Upper	
42	100		
74	198.0	113.7	170.5#
44	28.2	3.9	5.9#





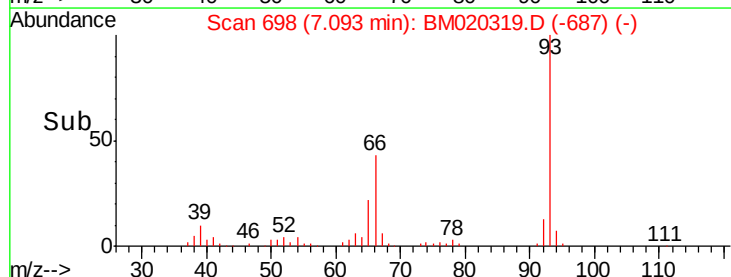
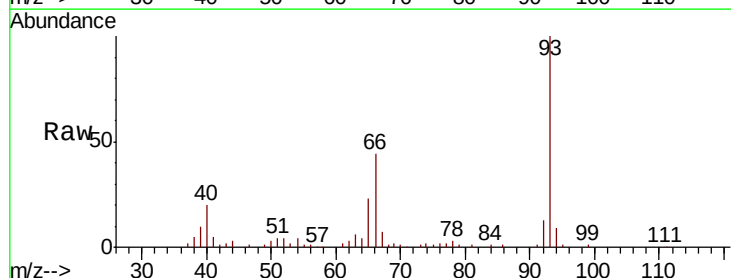
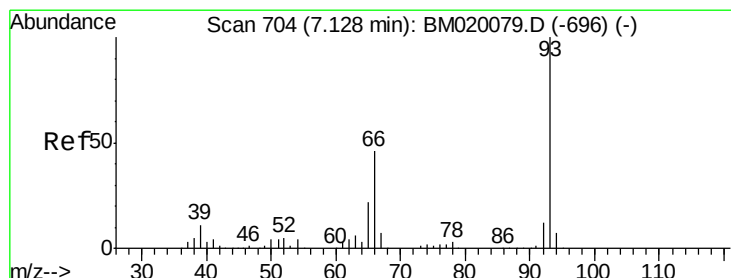
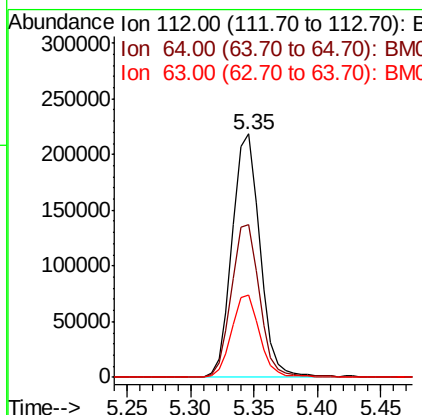
#5
2-Fluorophenol
Concen: 138.285 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		332560		
64	63.0	53.8		80.6	
63	33.8	32.3		48.5	

Instrument :
BNA_M
ClientSampled :
12-B2MSD

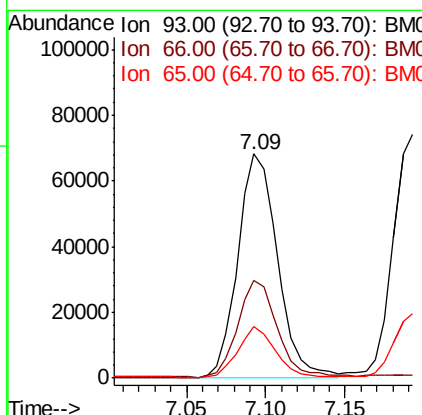
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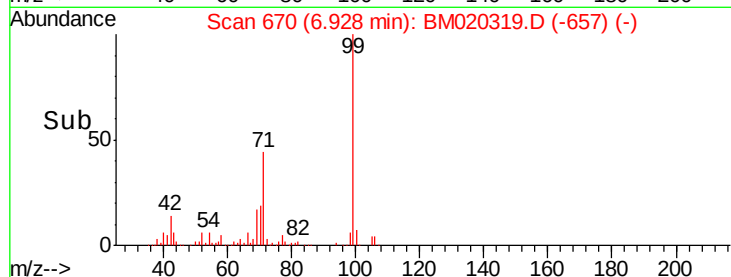
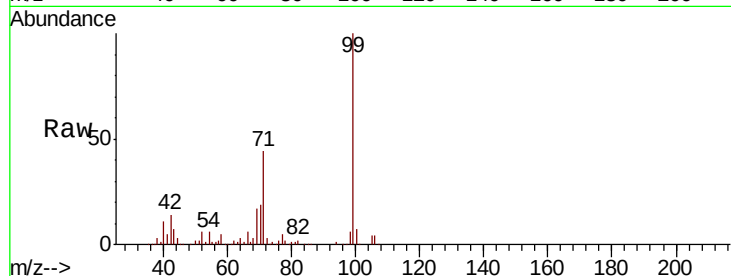
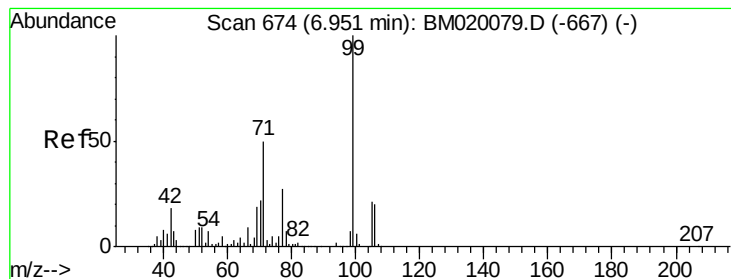
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#6
Aniline
Concen: 28.899 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		119520		
66	43.5	36.6		54.8	
65	23.0	17.8		26.6	





#7

Phenol-d6

Concen: 137.901 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		453061		
42	13.9	14.2	21.2#		
71	44.4	40.3	60.5		

Instrument :

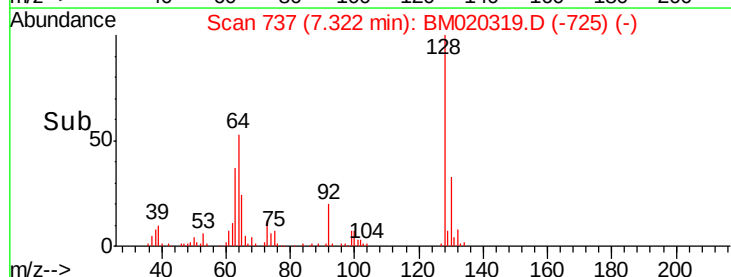
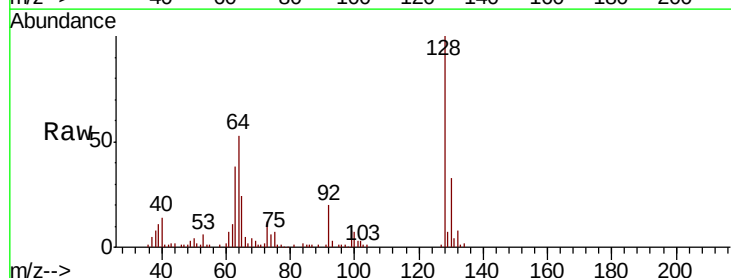
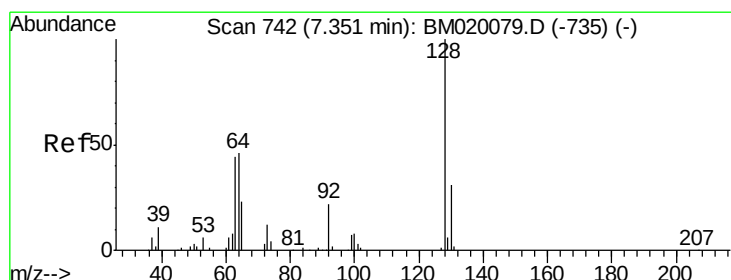
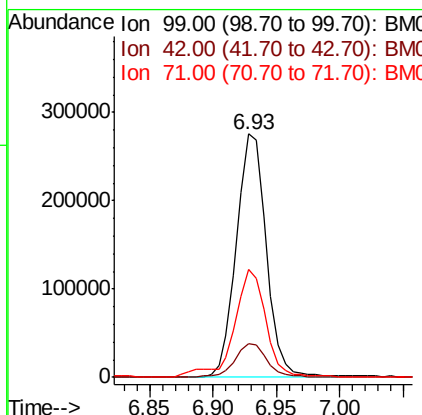
BNA_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 44.386 ng

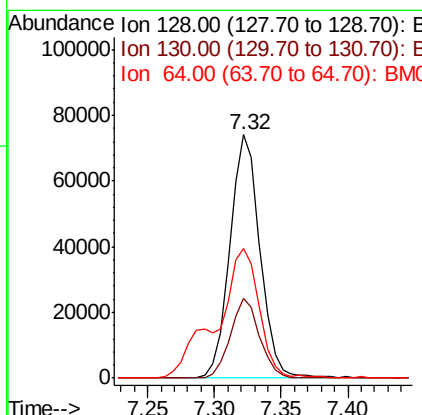
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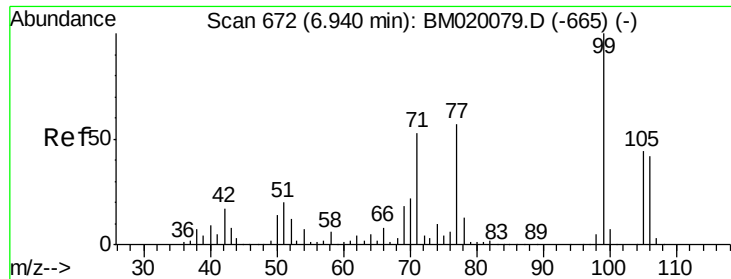
Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		116227		
130	32.9	10.8	50.8		
64	53.5	36.5	76.5		





#9

Benzaldehyde

Concen: 24.424 ng

RT: 6.91 min Scan# 667

Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Instrument :

BNA_M

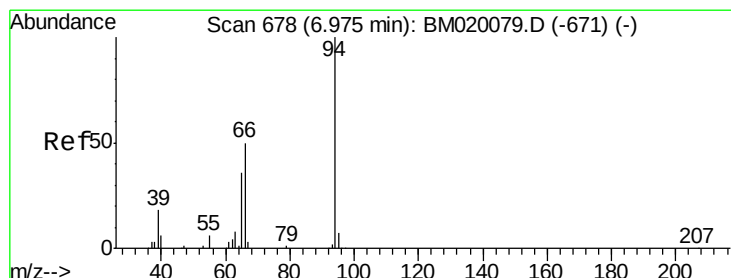
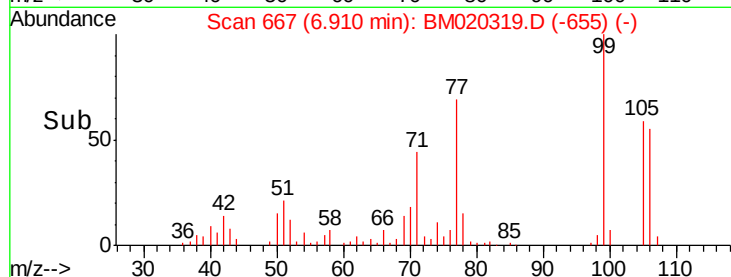
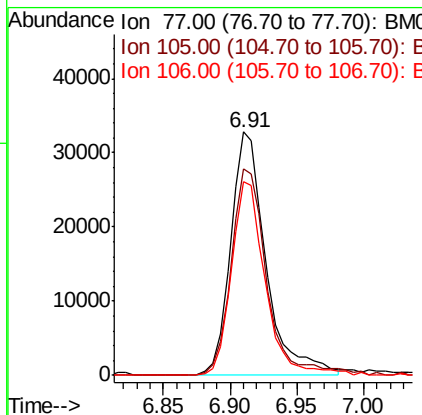
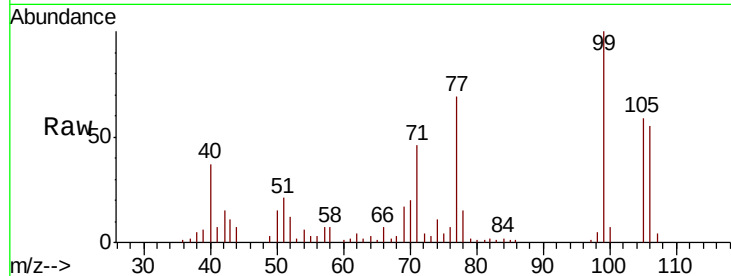
ClientSampled :

12-B2MSD

Tot Ion:	77	Resp:	60734
Ion	Ratio	Lower	Upper
77	100		
105	84.6	57.8	97.8
106	79.7	53.6	93.6

Manual Integrations
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#10

Phenol

Concen: 44.810 ng

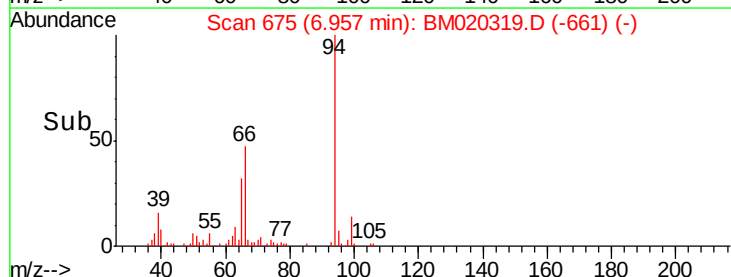
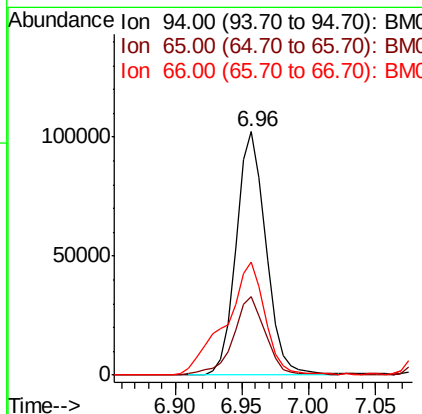
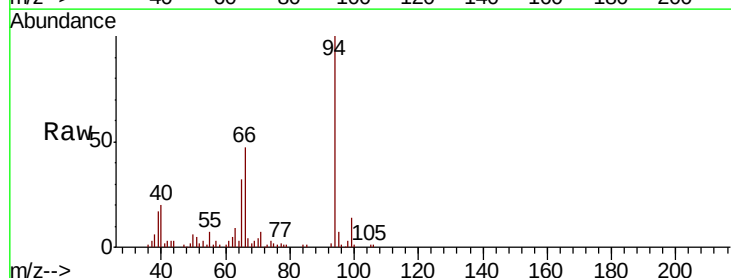
RT: 6.96 min Scan# 675

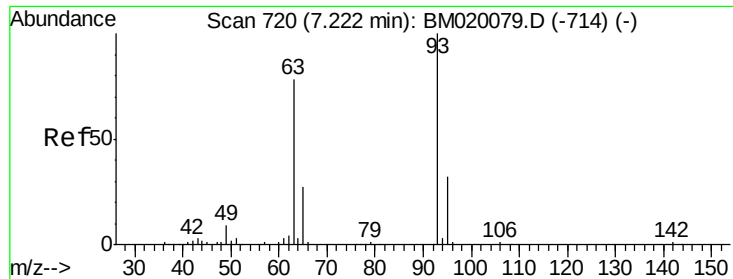
Delta R.T. -0.02 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Tgt Ion:	94	Resp:	158486
Ion	Ratio	Lower	Upper
94	100		
65	32.4	17.0	57.0
66	46.6	34.5	74.5





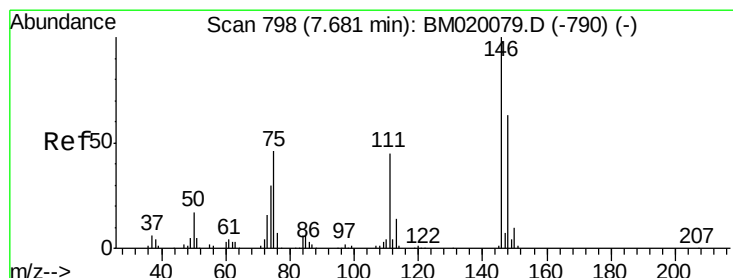
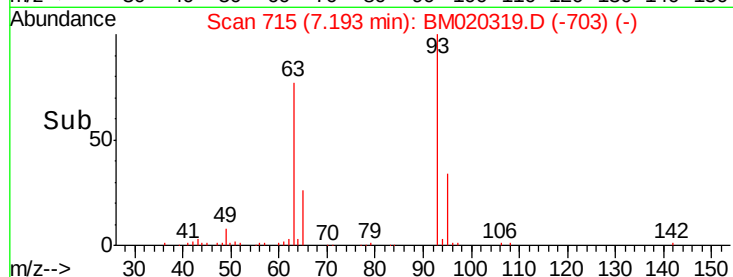
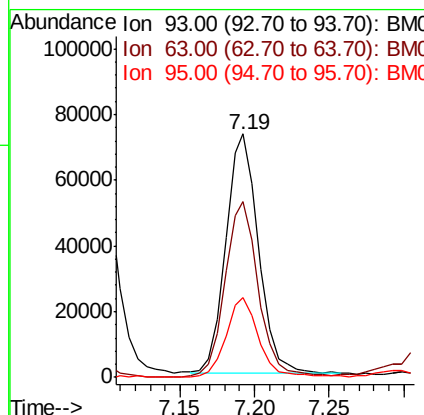
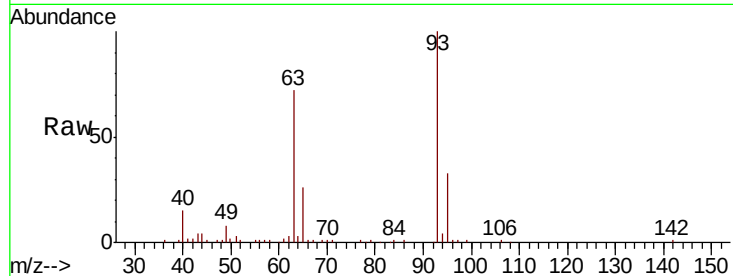
#11
bis(2-Chloroethyl)ether
Concen: 43.109 ng
RT: 7.19 min Scan# 715
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampled :
12-B2MSD

Tot Ion:	93	Resp:	110819
Ion	Ratio	Lower	Upper
93	100		
63	72.0	57.9	97.9
95	32.6	11.3	51.3

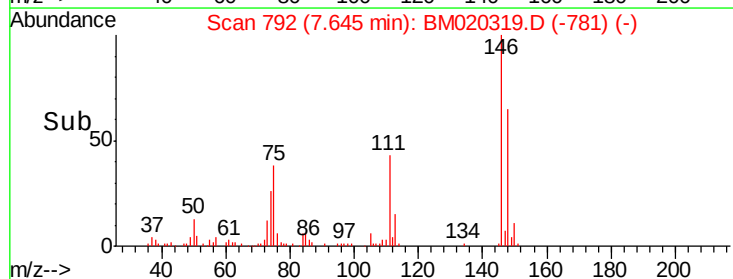
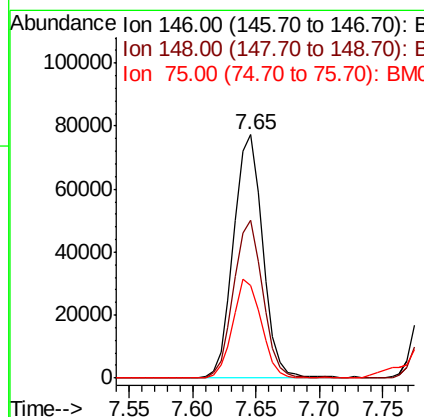
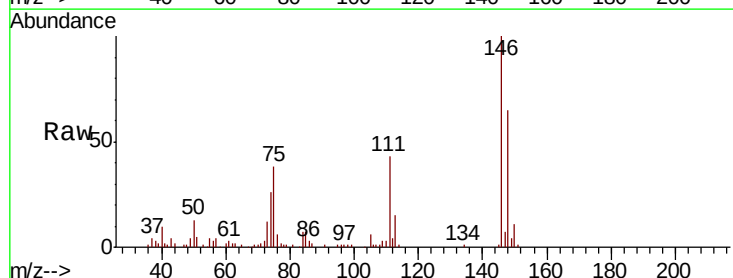
Manual Integrations
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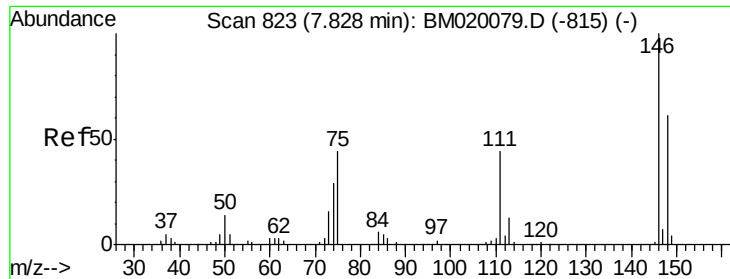
mohammad
5/14/2019 11:11:56 PM



#12
1,3-Dichlorobenzene
Concen: 40.397 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion:	146	Resp:	123075
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.1	75.1
75	38.2	37.2	55.8





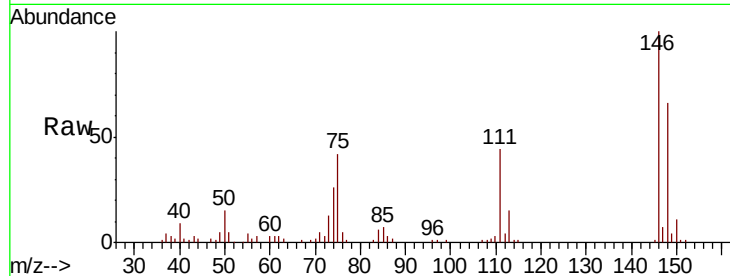
#13
 1,4-Dichlorobenzene
 Concen: 40.715 ng
 RT: 7.79 min Scan# 817
 Delta R.T. -0.04 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Instrument :
 BNA_M
 ClientSampled :
 12-B2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	48.5	72.7
111	44.5	35.7	53.5

Manual Integrations
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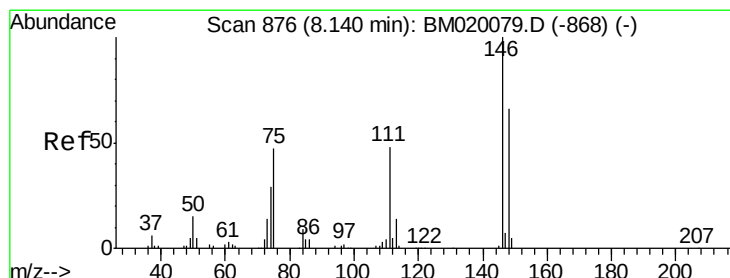
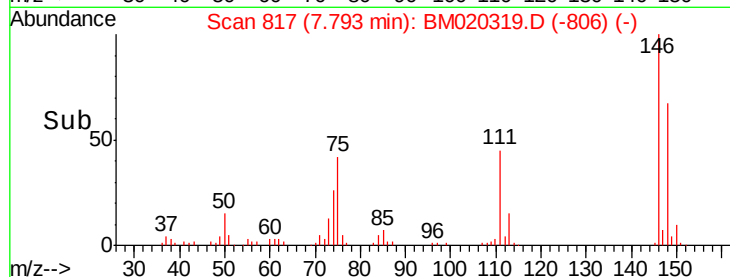
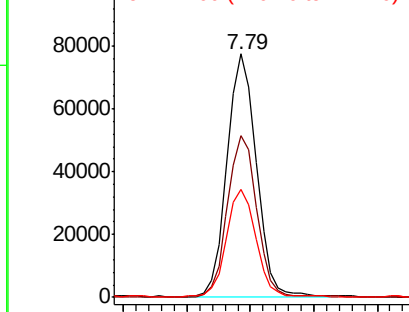


Abundance

Ion 146.00 (145.70 to 146.70): E

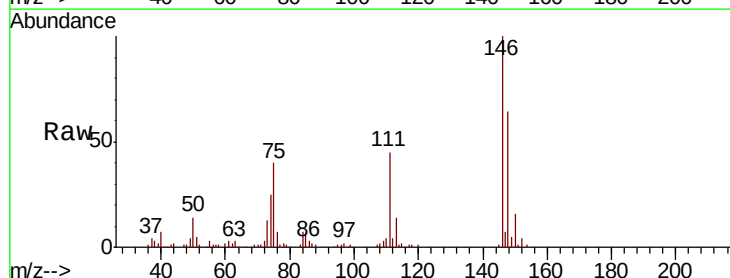
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.910 ng
 RT: 8.10 min Scan# 870
 Delta R.T. -0.04 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	79.0
111	45.0	39.0	58.4

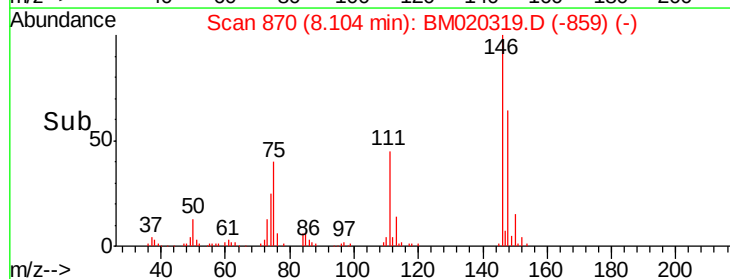
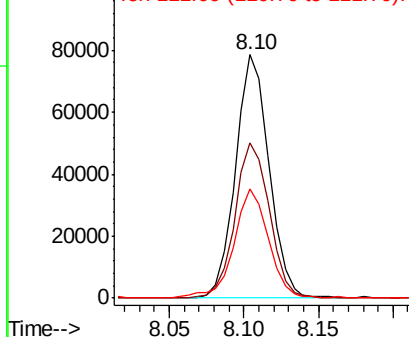


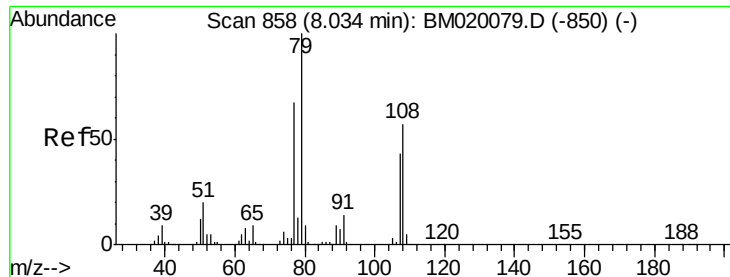
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.104 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Instrument :

BNA_M

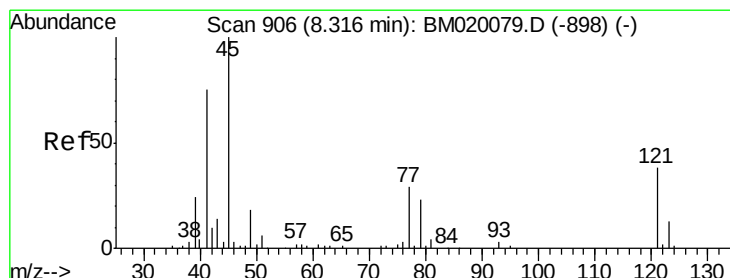
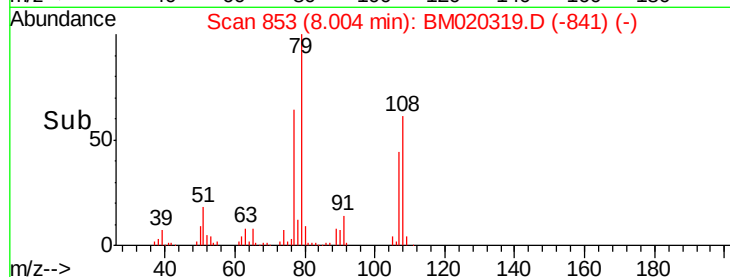
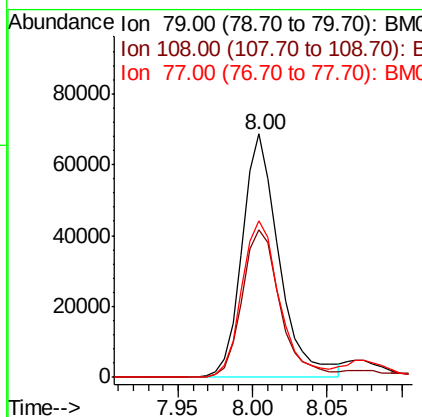
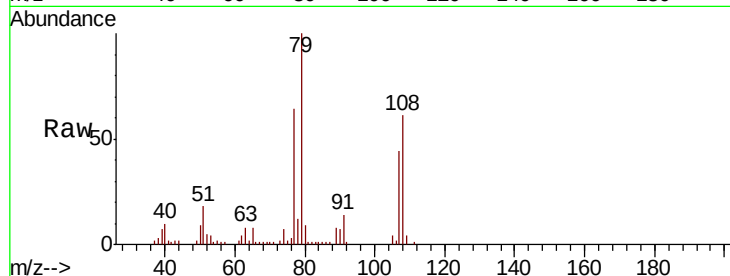
ClientSampleId :

12-B2MSD

Tot Ion:	79	Resp:	117547
Ion	Ratio	Lower	Upper
79	100		
108	60.6	46.0	69.0
77	64.1	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.631 ng

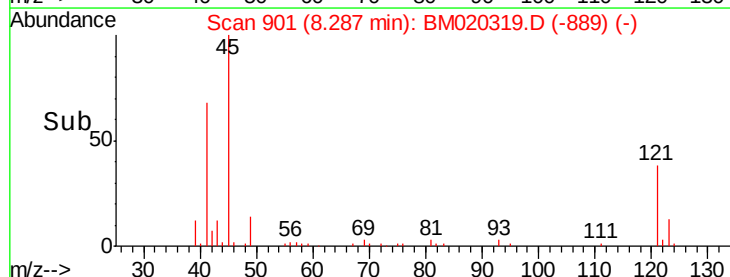
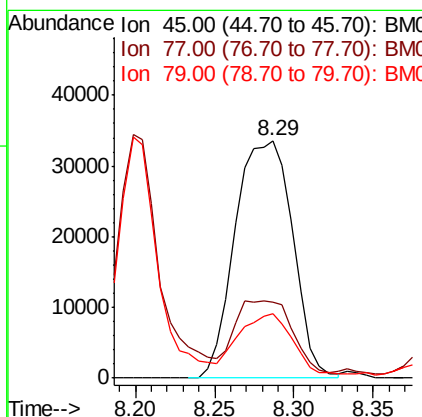
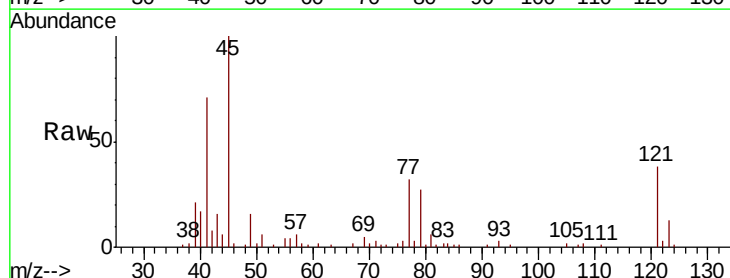
RT: 8.29 min Scan# 901

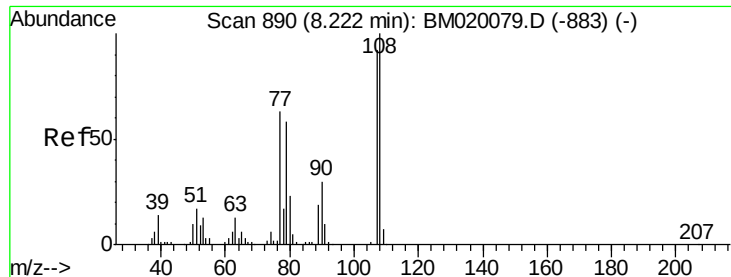
Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Tgt Ion:	45	Resp:	84476
Ion	Ratio	Lower	Upper
45	100		
77	32.1	10.5	50.5
79	27.1	3.3	43.3





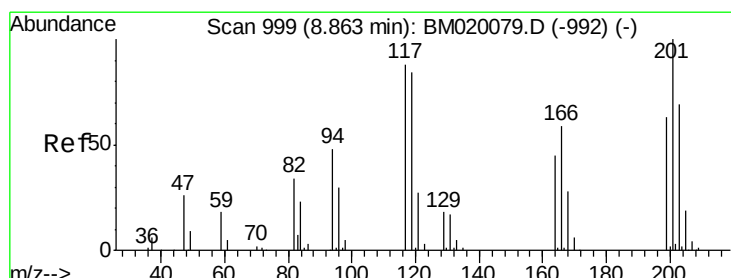
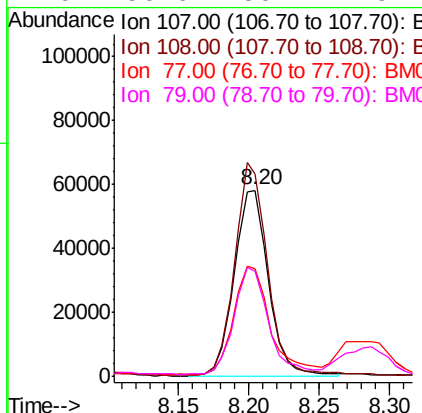
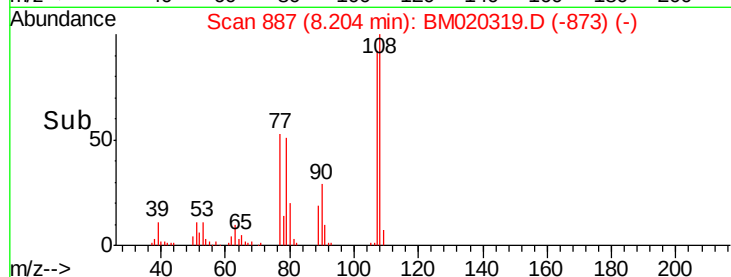
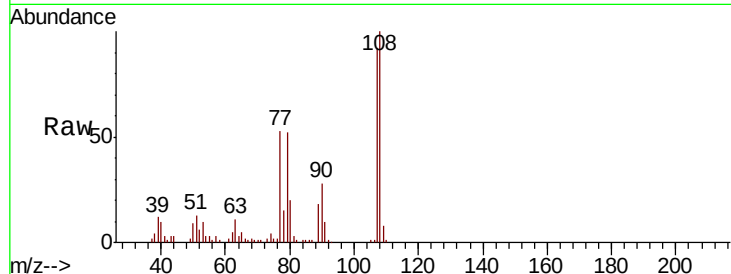
#17
2-Methylphenol
Concen: 43.427 ng
RT: 8.20 min Scan# 887
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampled :
12-B2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	87.0	130.4	
77	57.9	54.7	82.1	
79	56.6	50.1	75.1	

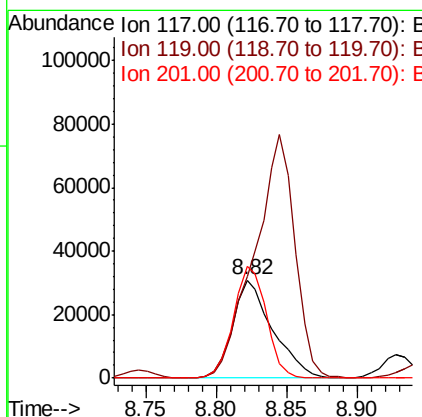
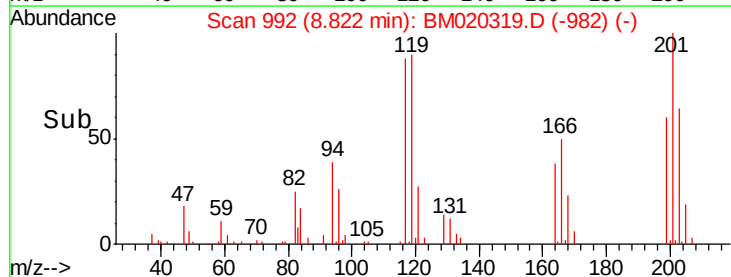
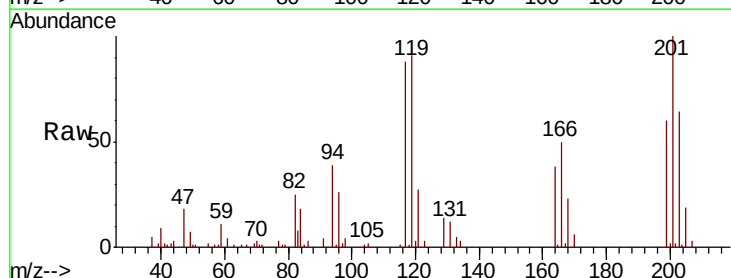
Manual Integrations
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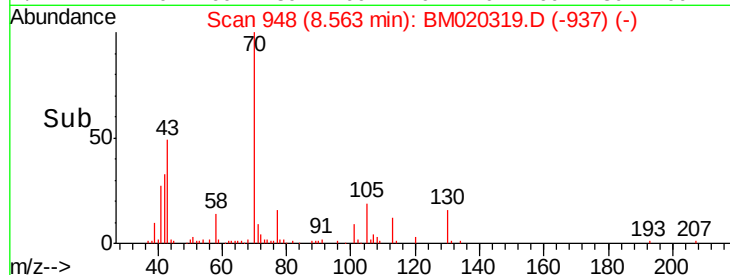
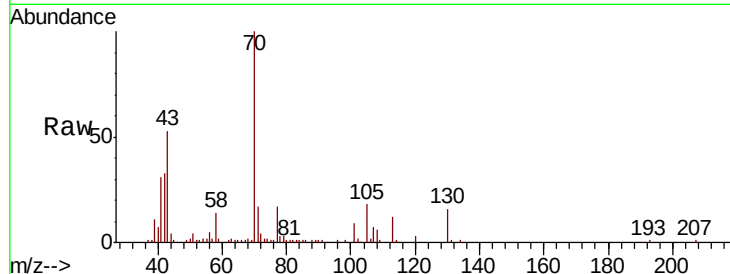
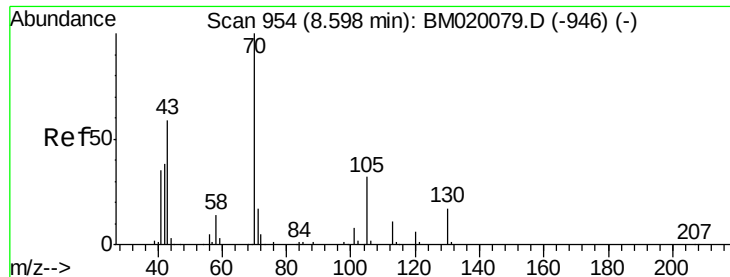
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#18
Hexachloroethane
Concen: 47.563 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.1	76.6	114.8	
201	114.3	90.7	136.1	





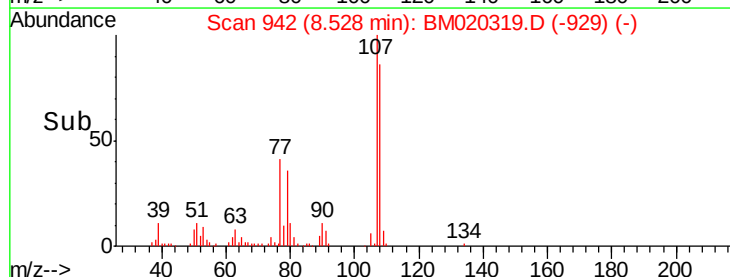
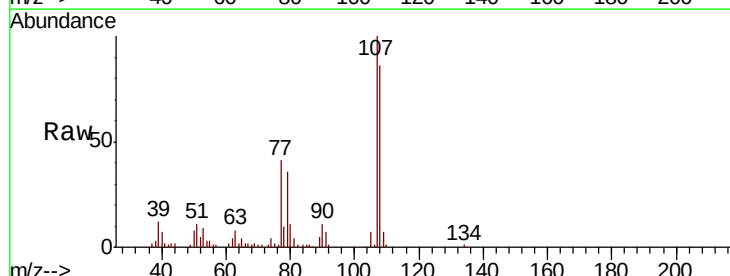
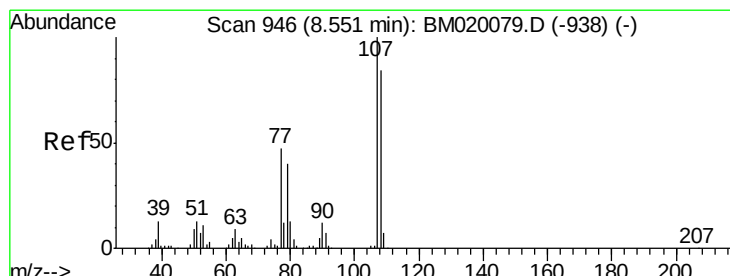
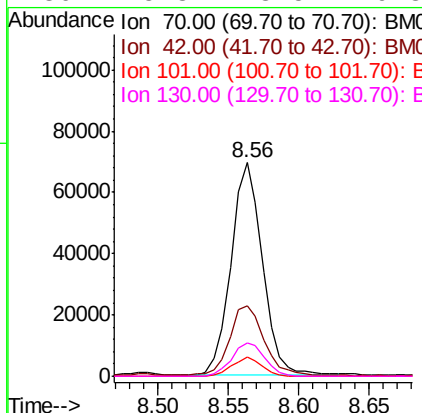
#19
n-Nitroso-di-n-propylamine
Concen: 38.261 ng
RT: 8.56 min Scan# 948
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampled :
12-B2MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	33.0	31.0	46.4	
101	8.9	6.2	9.2	
130	15.8	13.5	20.3	

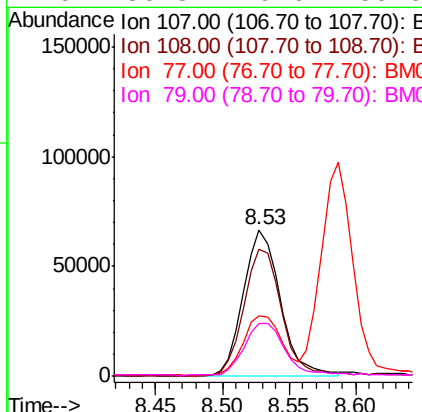
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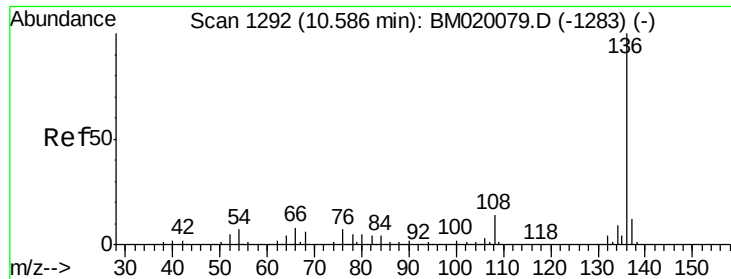
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#20
3+4-Methylphenols
Concen: 42.381 ng
RT: 8.53 min Scan# 942
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	64.4	104.4	
77	41.1	27.2	67.2	
79	36.3	19.6	59.6	





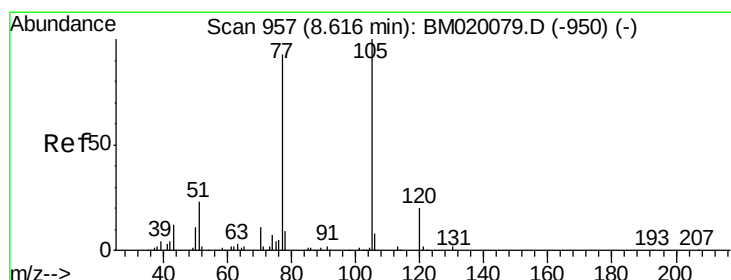
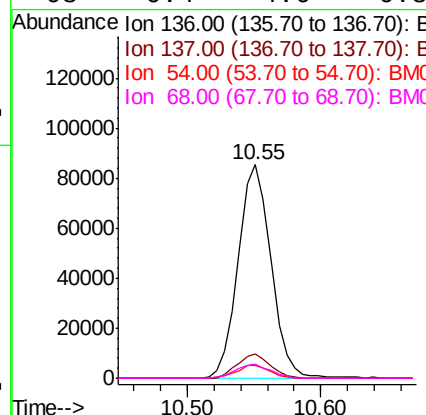
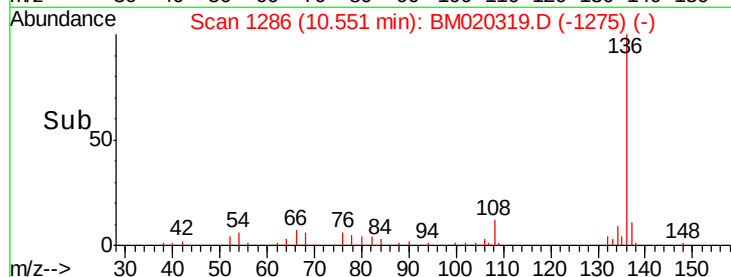
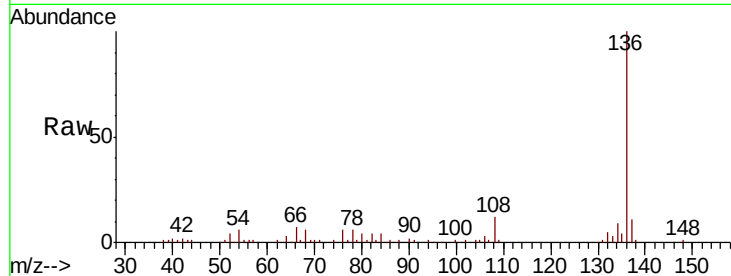
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	145730		
137	11.2	9.6	14.4	
54	6.3	5.5	8.3	
68	6.4	4.6	6.8	

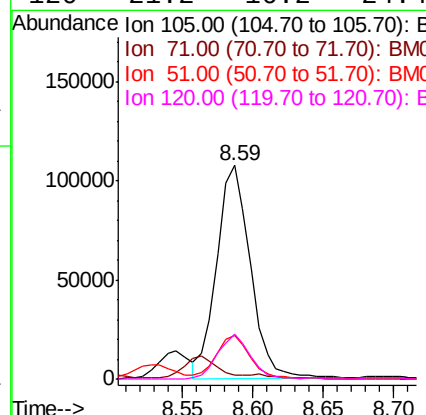
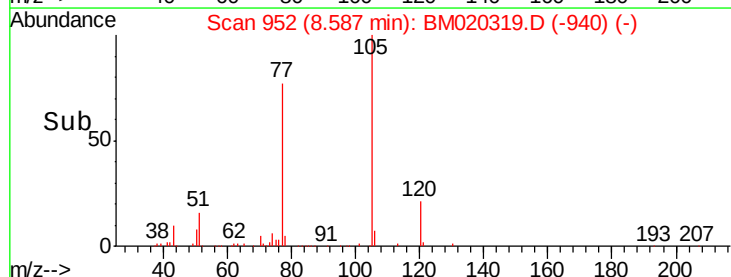
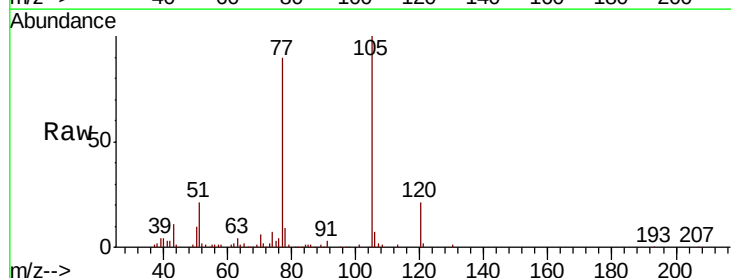
Manual Integrations
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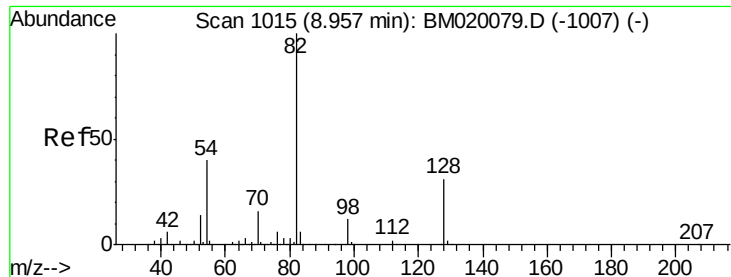
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#22
Acetophenone
Concen: 44.410 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	176877		
71	1.6	2.2	3.2#	
51	20.6	19.3	28.9	
120	21.2	16.2	24.4	





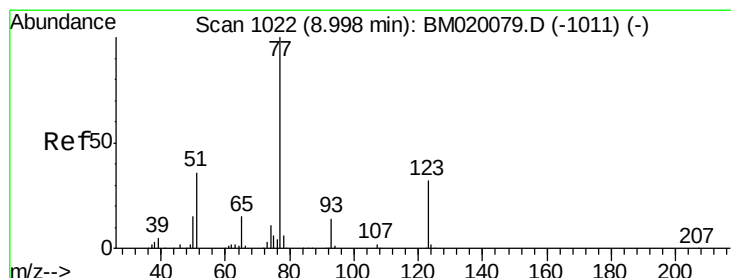
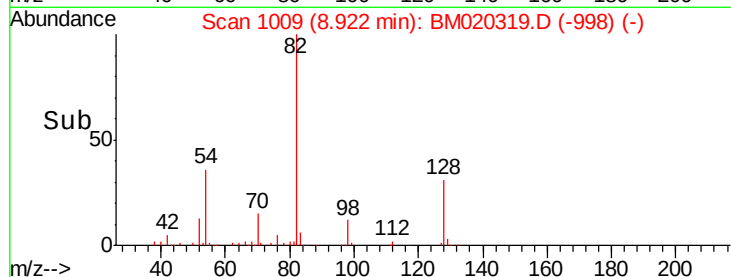
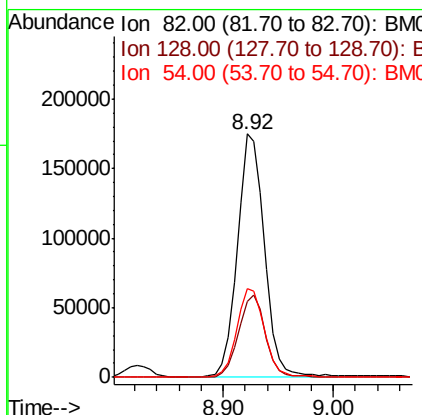
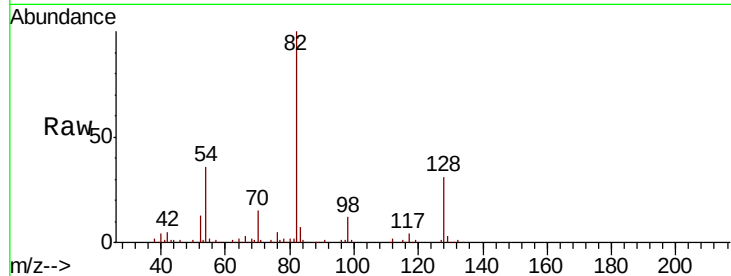
#23
Nitrobenzene-d5
Concen: 81.421 ng
RT: 8.92 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	300544		
128	31.4	25.2	37.8	
54	36.3	31.9	47.9	

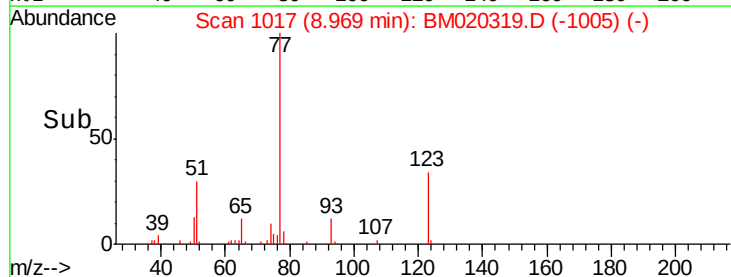
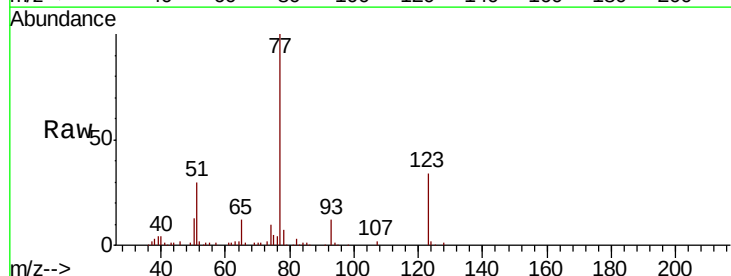
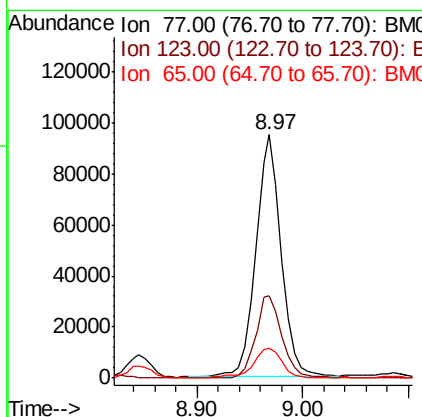
Manual Integrations
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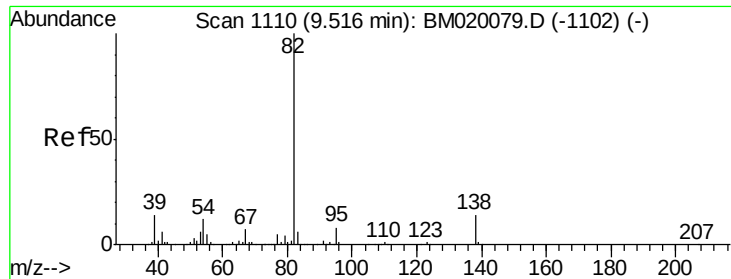
mohammad
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#24
Nitrobenzene
Concen: 41.653 ng
RT: 8.97 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	159413		
123	33.9	25.5	38.3	
65	12.3	11.8	17.6	





#25

Isophorone

Concen: 43.584 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Instrument :

BNA_M

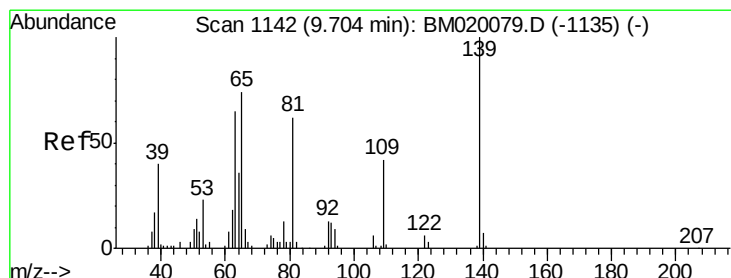
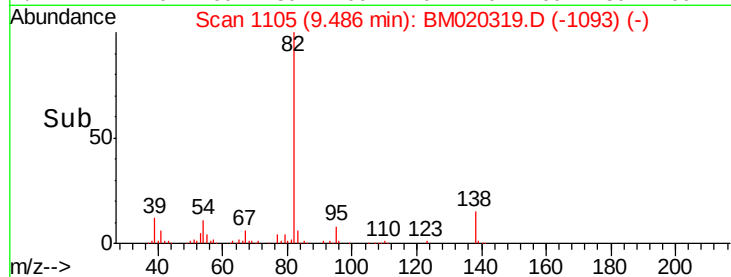
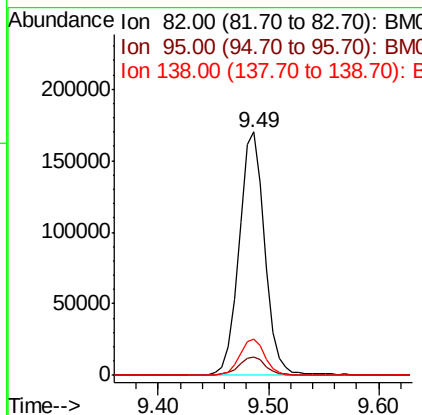
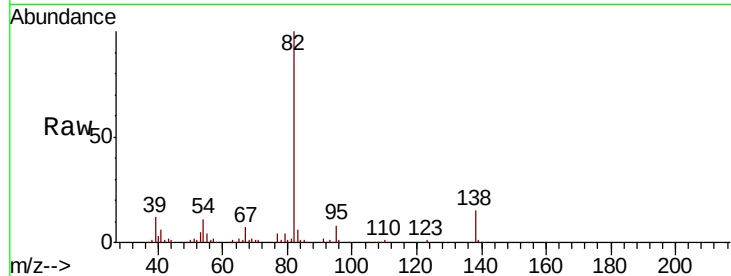
ClientSampleId :

12-B2MSD

Tot Ion:	82	Resp:	277433
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.4	9.6
138	15.1	11.1	16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.033 ng

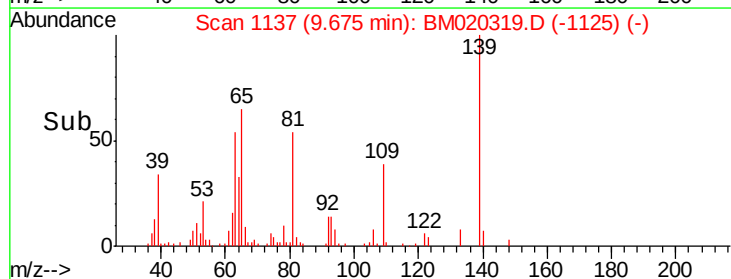
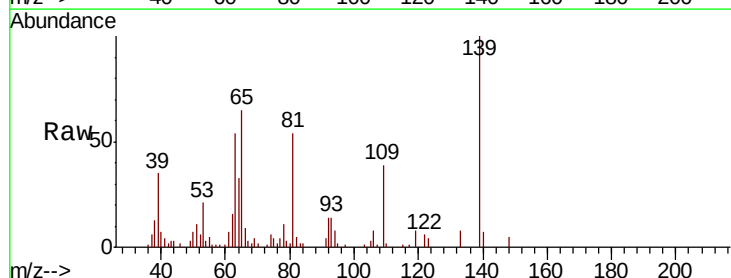
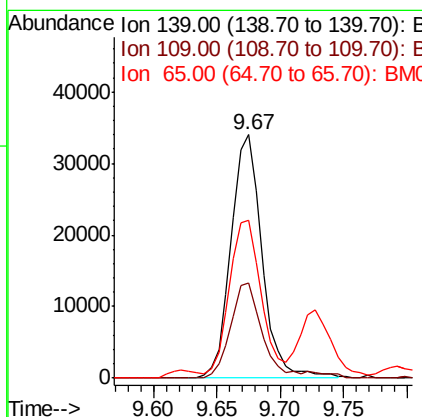
RT: 9.67 min Scan# 1137

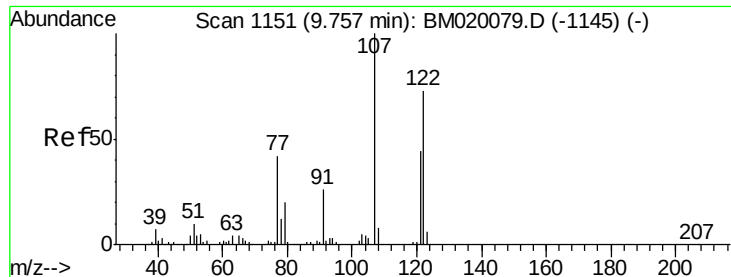
Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Tgt Ion:	139	Resp:	57809
Ion Ratio	Lower	Upper	
139	100		
109	39.3	33.7	50.5
65	64.8	59.5	89.3





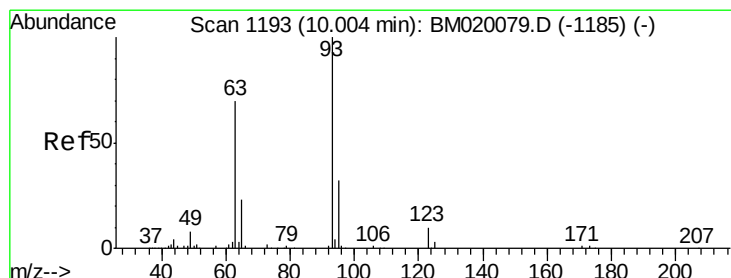
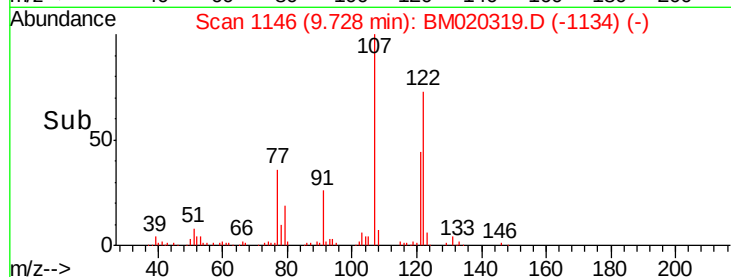
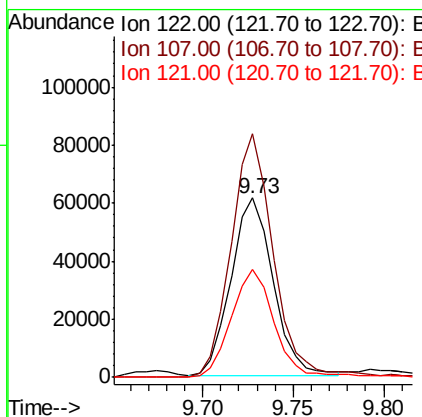
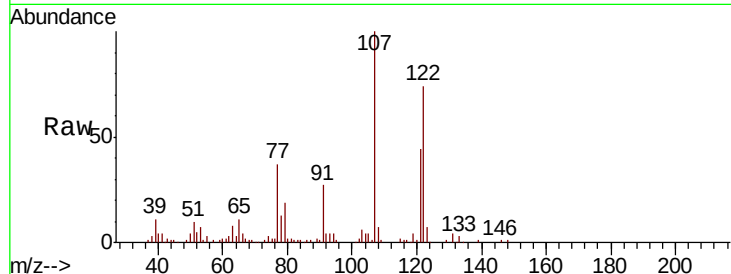
#27
2,4-Dimethylphenol
Concen: 51.402 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.6	108.6	162.8
121	60.1	47.4	71.2

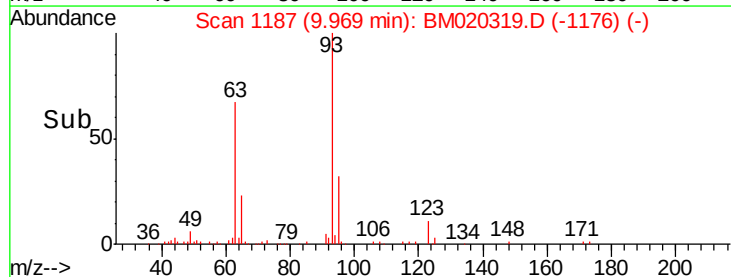
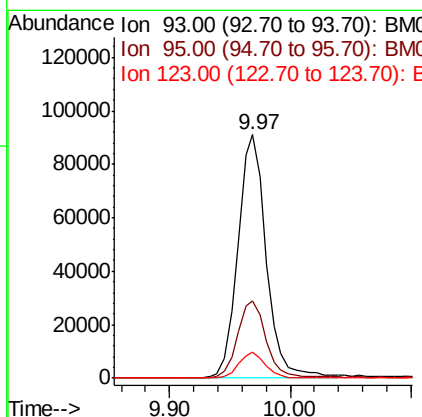
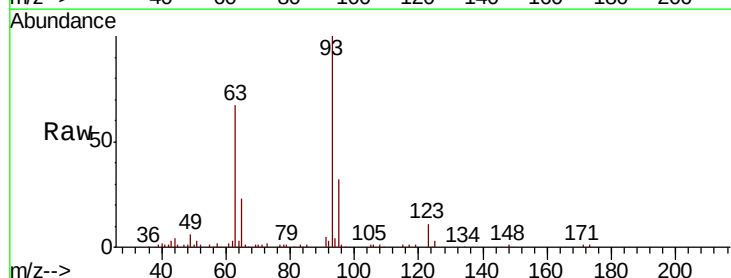
Manual Integrations
APPROVED

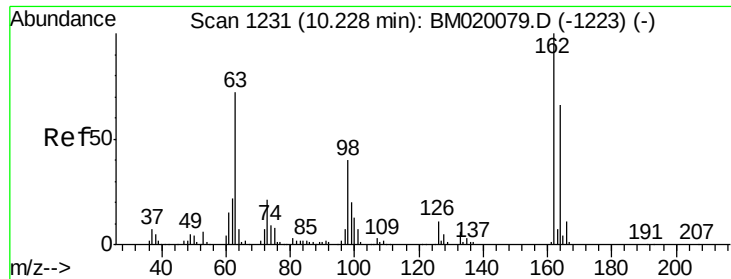
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.126 ng
RT: 9.97 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.5	38.3
123	10.6	7.6	11.4





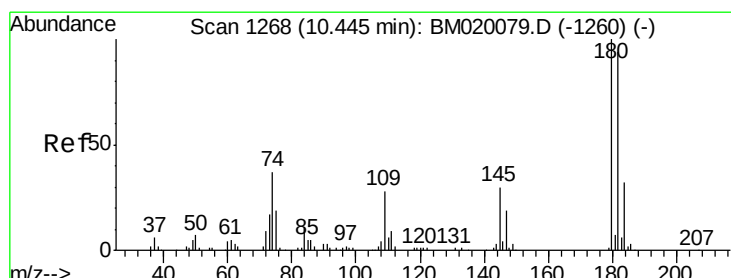
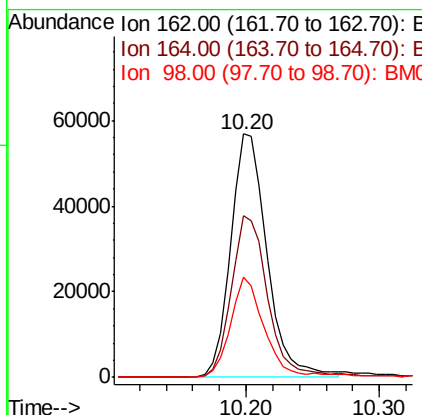
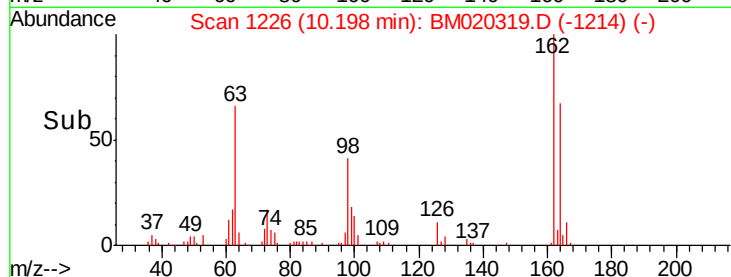
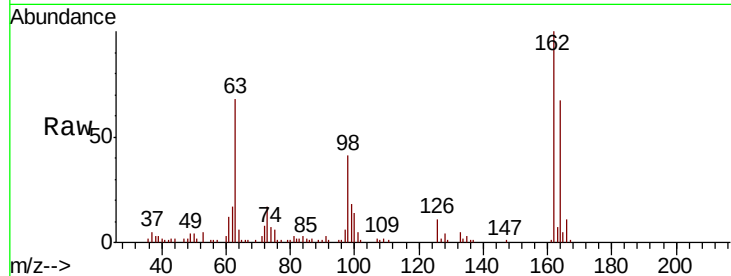
#29
2,4-Dichlorophenol
Concen: 44.462 ng
RT: 10.20 min Scan# 1226
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion:	162	Resp:	107847
Ion Ratio	Lower	Upper	
162	100		
164	66.5	45.6	85.6
98	40.9	20.4	60.4

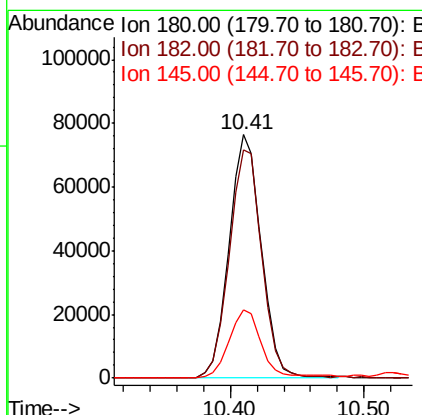
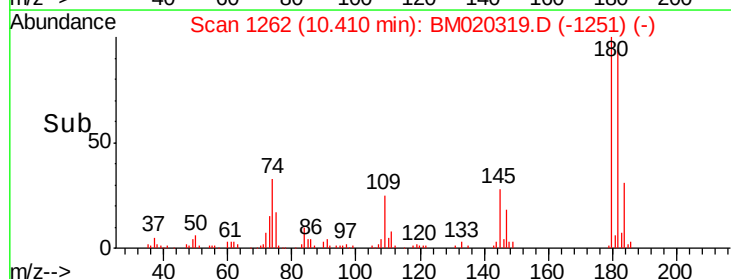
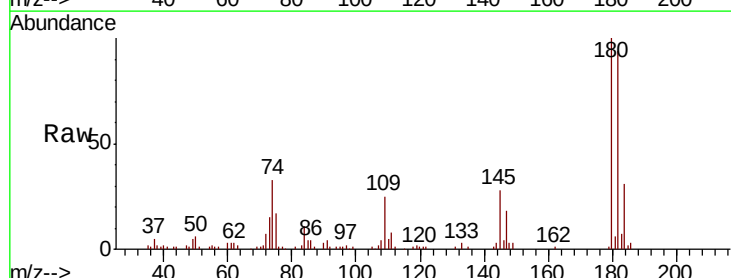
Manual Integrations
APPROVED

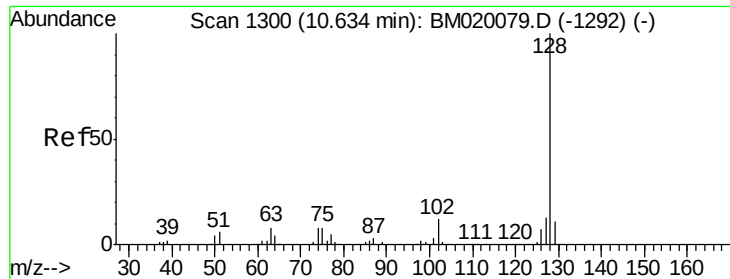
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.847 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion:	180	Resp:	127883
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.4	113.0
145	28.1	23.8	35.8





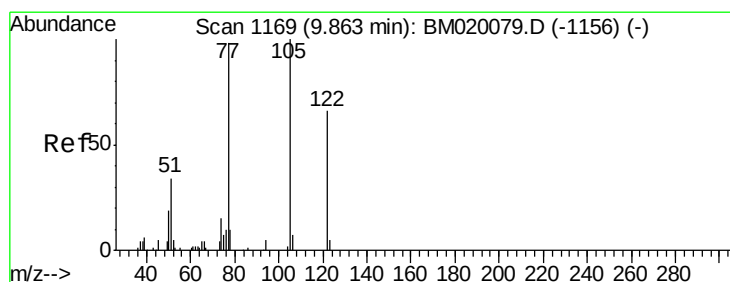
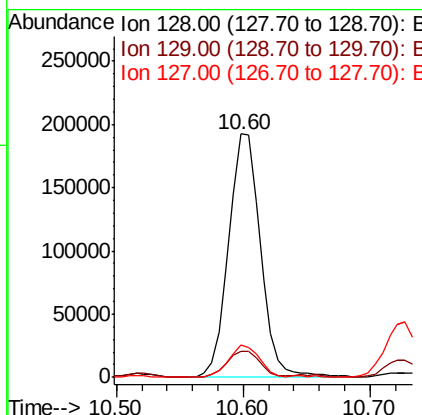
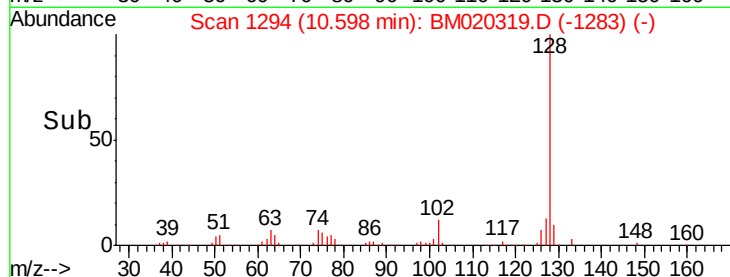
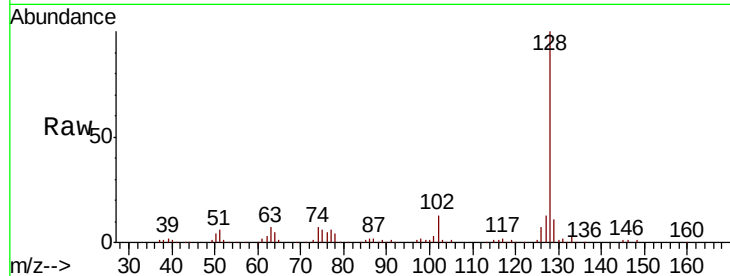
#31
Naphthalene
Concen: 44.485 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

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

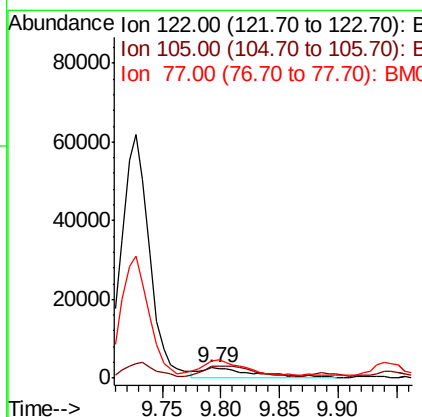
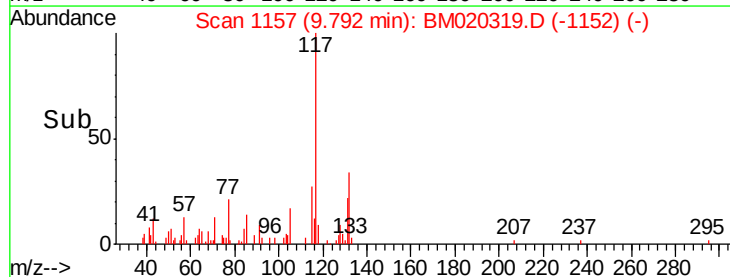
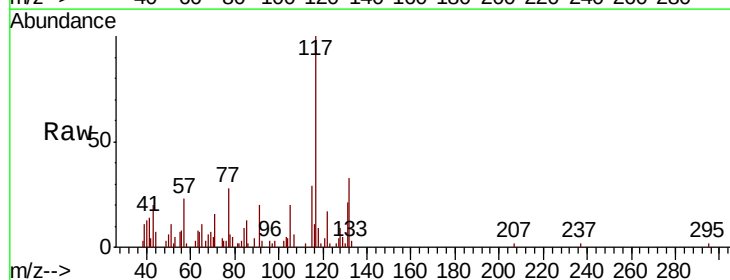
Manual Integrations
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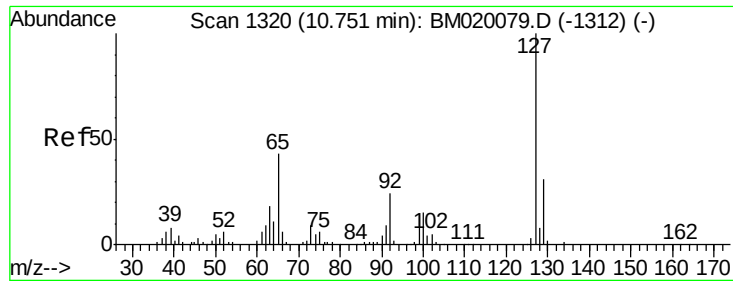
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#32
Benzoic acid
Concen: 12.190 ng m
RT: 9.79 min Scan# 1157
Delta R.T. -0.07 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	119.5	122.5	162.5#	
77	164.5	123.3	163.3#	





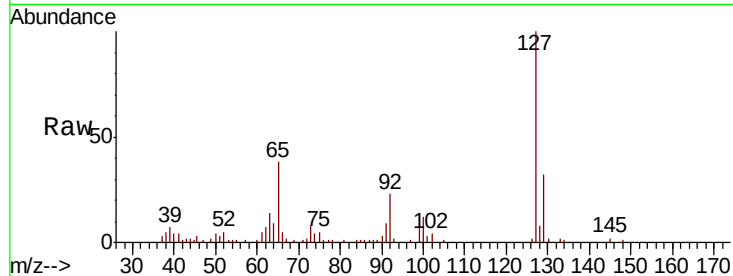
#33
4-Chloroaniline
Concen: 27.149 ng
RT: 10.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

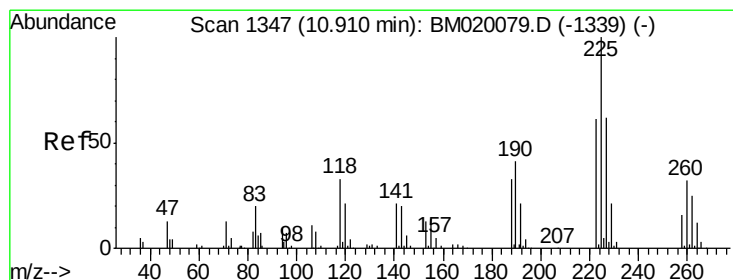
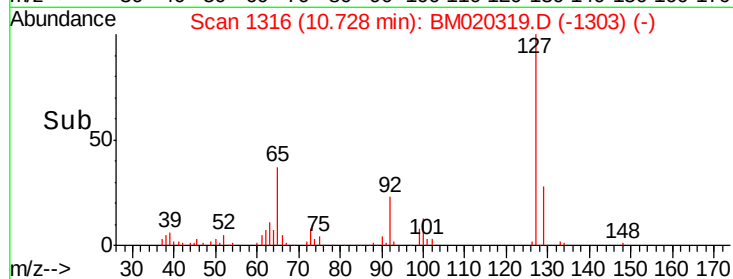
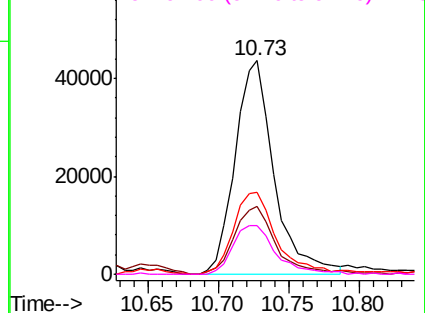
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	24.7	37.1		
65	38.2	34.6	52.0		
92	22.8	19.5	29.3		

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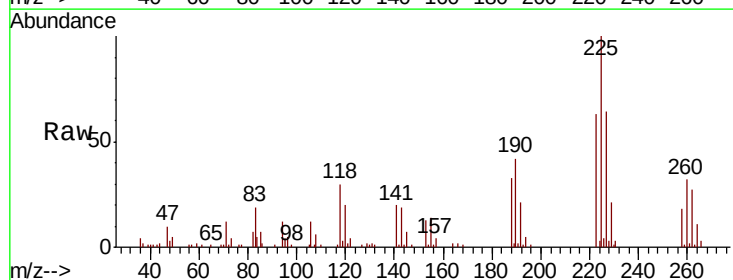


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

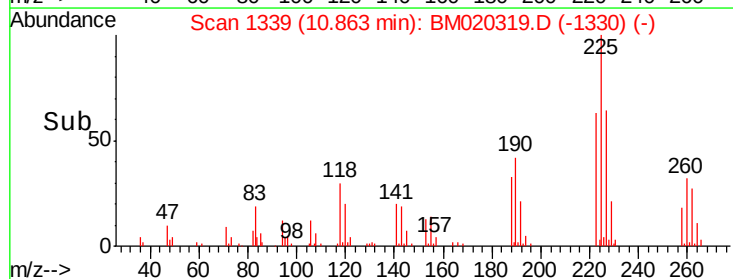
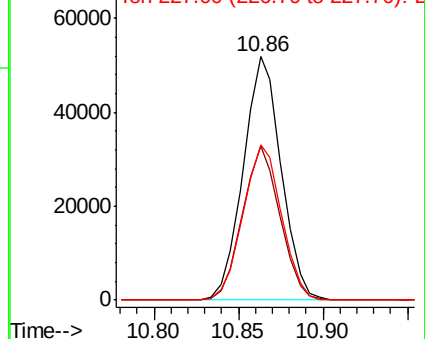


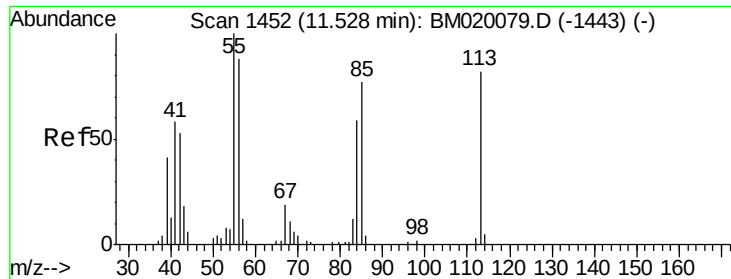
#34
Hexachlorobutadiene
Concen: 38.272 ng
RT: 10.86 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	48.9	73.3		
227	63.6	49.6	74.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.316 ng/mL

RT: 11.53 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Instrument :

BNA_M

ClientSampleId :

12-B2MSD

Tot Ion: 113 Resp: 34318

Ion Ratio Lower Upper

113 100

55 126.6 102.5 142.5

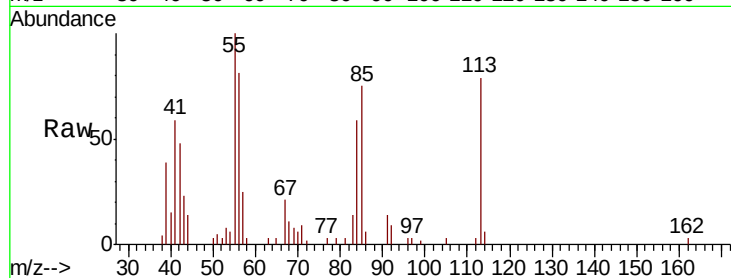
56 102.6 87.7 127.7

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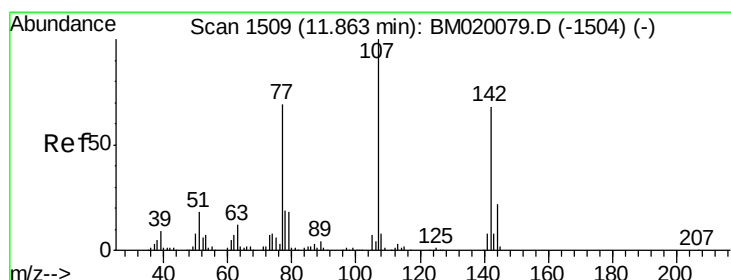
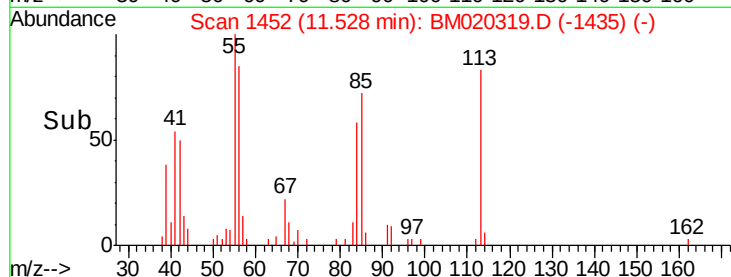
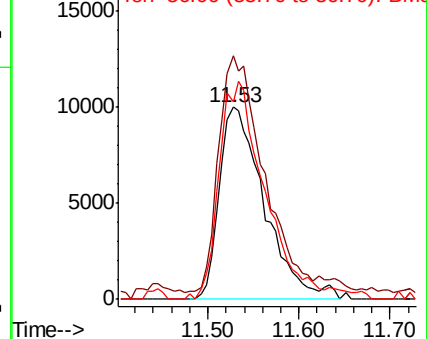


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 42.264 ng/mL

RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

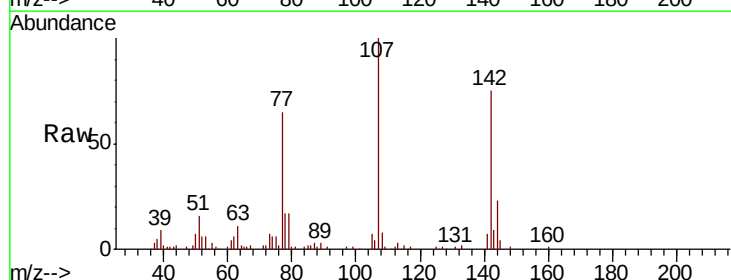
Tgt Ion: 107 Resp: 120472

Ion Ratio Lower Upper

107 100

144 23.4 17.6 26.4

142 74.9 54.6 82.0

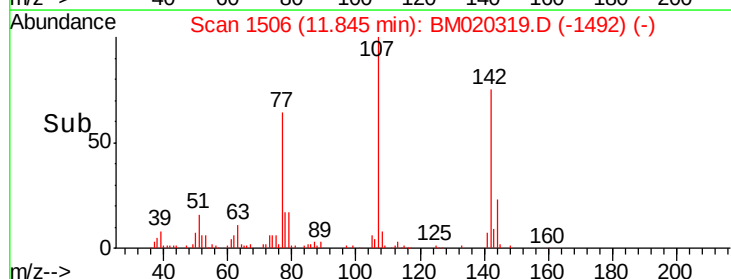
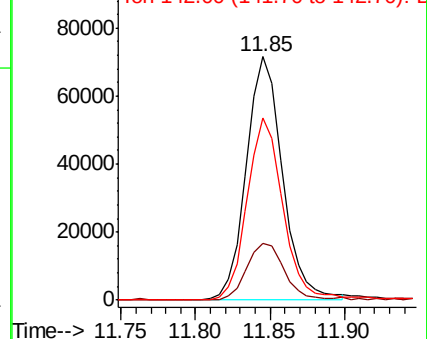


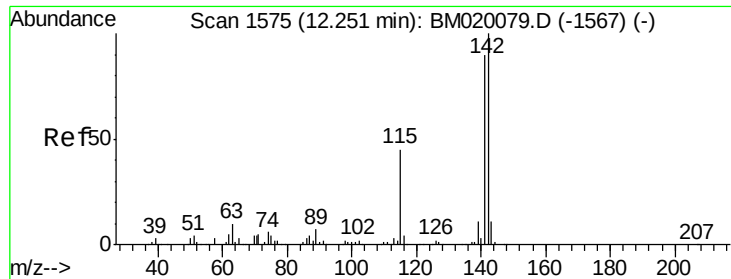
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





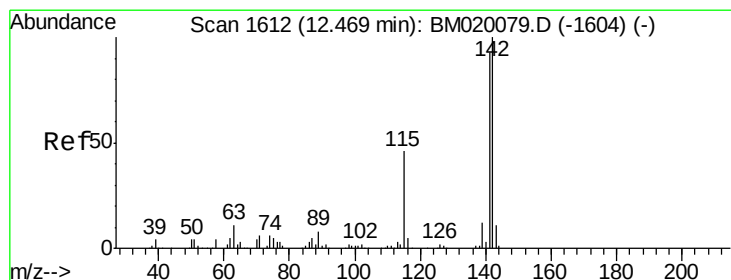
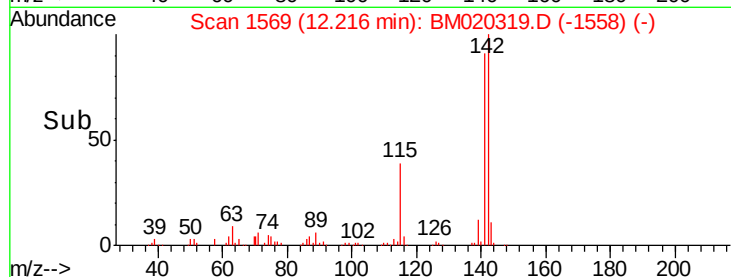
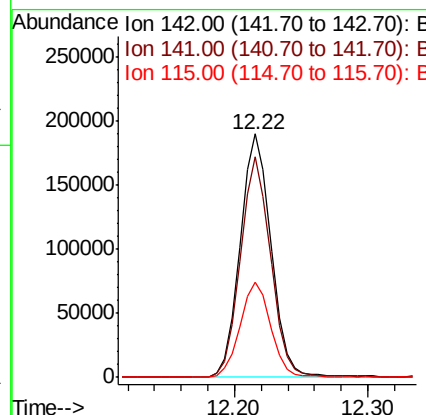
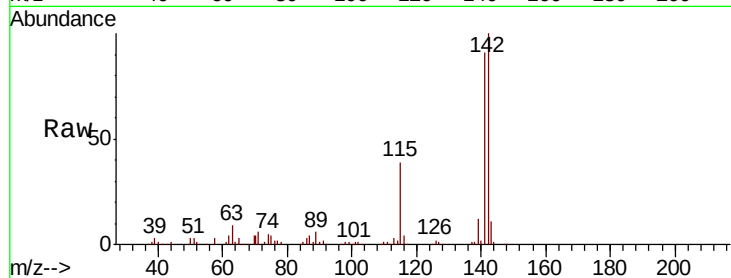
#37
2-Methylnaphthalene
Concen: 55.076 ng
RT: 12.22 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.6	107.4
115	39.0	35.8	53.6

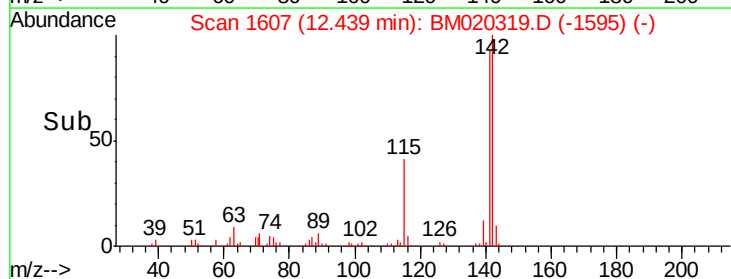
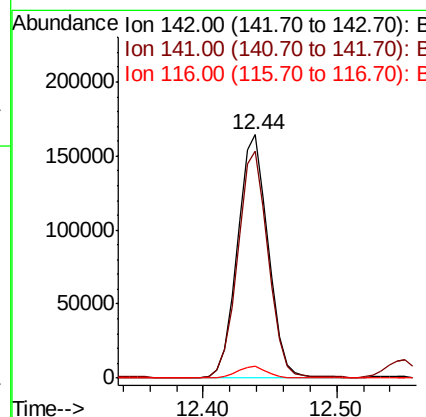
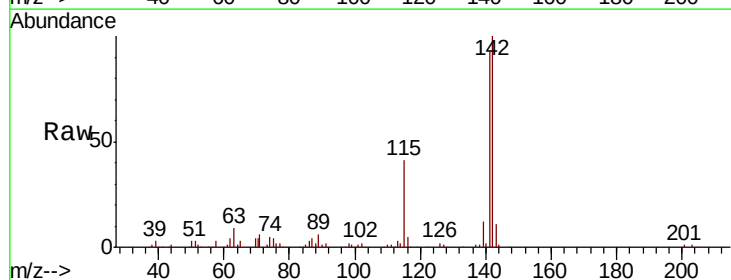
Manual Integrations
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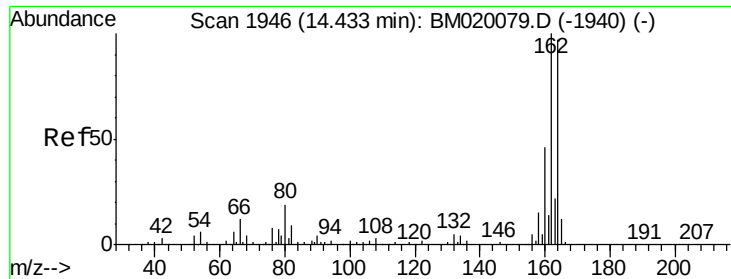
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#38
1-Methylnaphthalene
Concen: 48.699 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.8	112.2
116	4.7	3.9	5.9





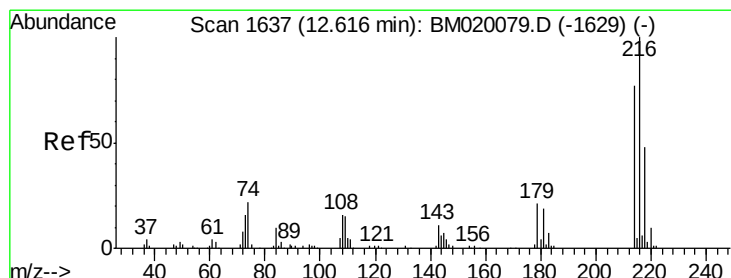
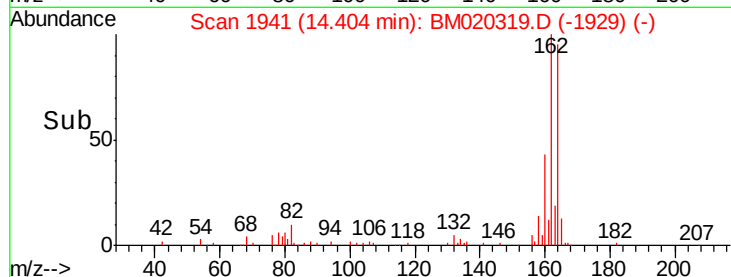
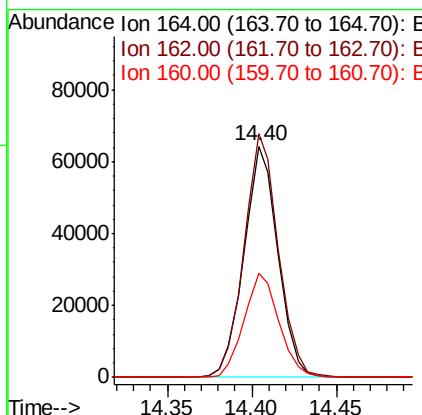
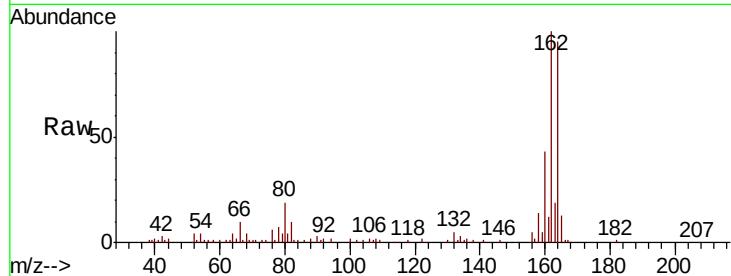
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MSD

Tot Ion:	164	Resp:	89958
Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.2
160	45.2	37.6	56.4

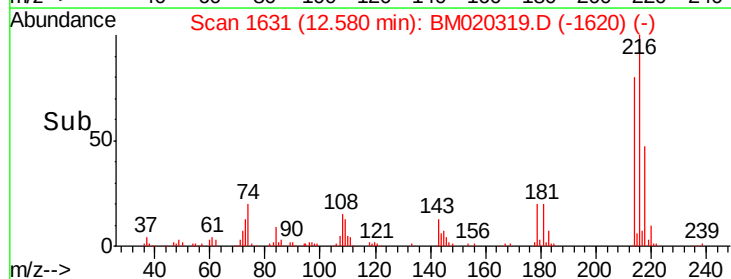
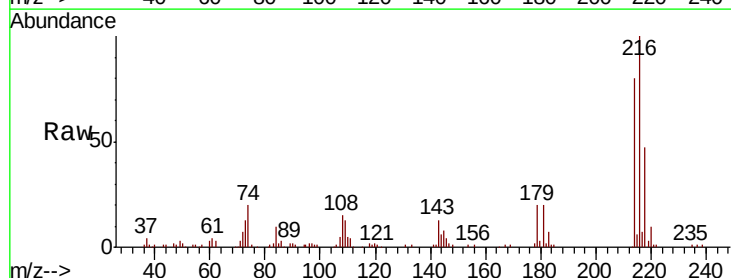
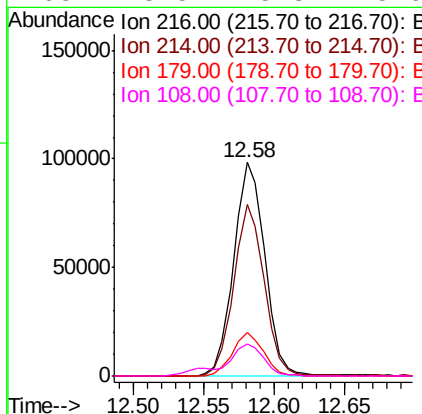
Manual Integrations
 APPROVED

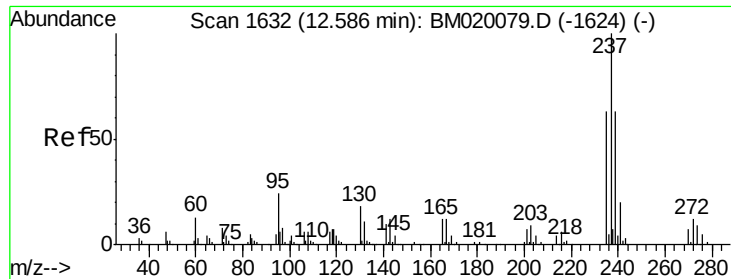
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.053 ng
 RT: 12.58 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Tgt Ion:	216	Resp:	151526
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	94.0
179	20.0	17.1	25.7
108	18.5	15.8	23.6





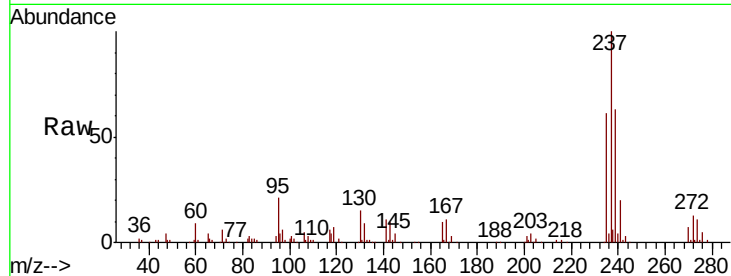
#41
Hexachlorocyclopentadiene
Concen: 81.650 ng
RT: 12.55 min Scan# 1626
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.2	43.4	83.4
272	13.3	0.0	31.7

Manual Integrations
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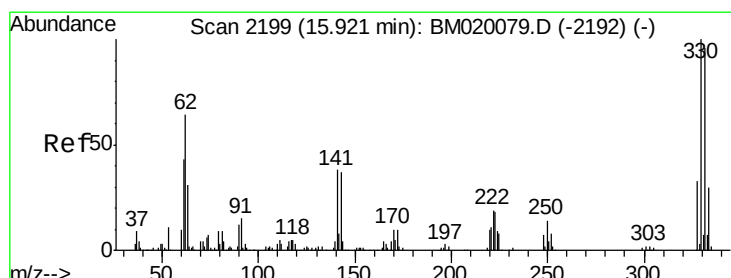
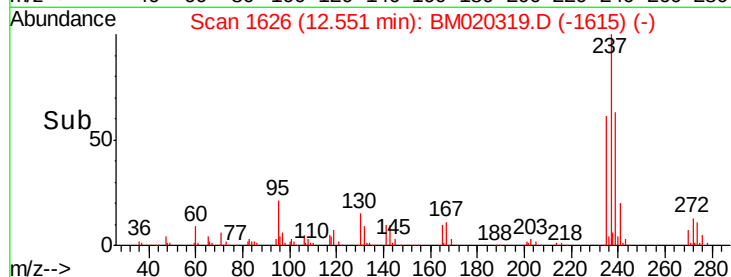
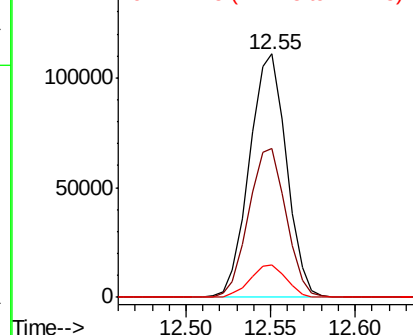


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 150.714 ng
RT: 15.90 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

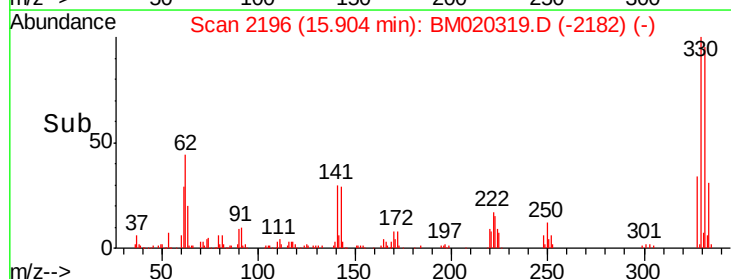
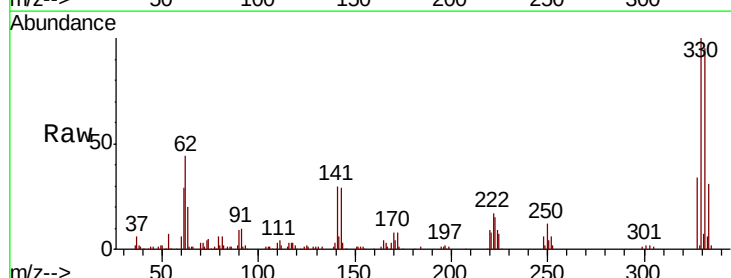
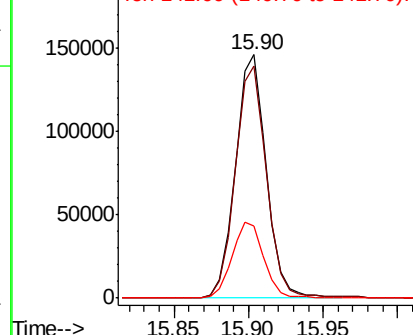
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	76.8	115.2
141	32.4	29.2	43.8

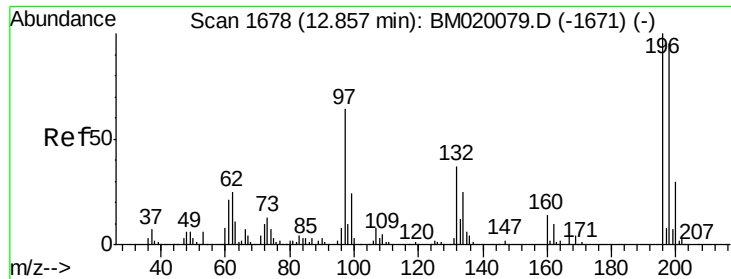
Abundance

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





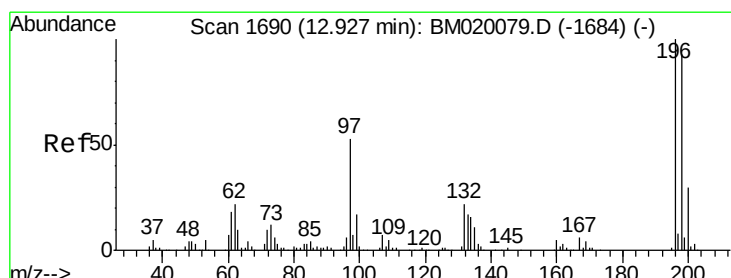
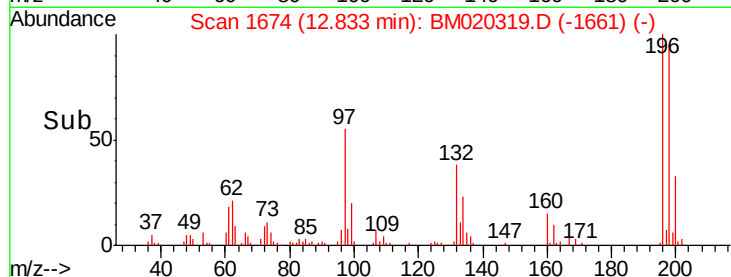
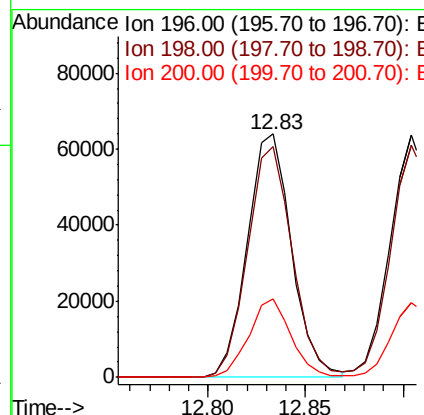
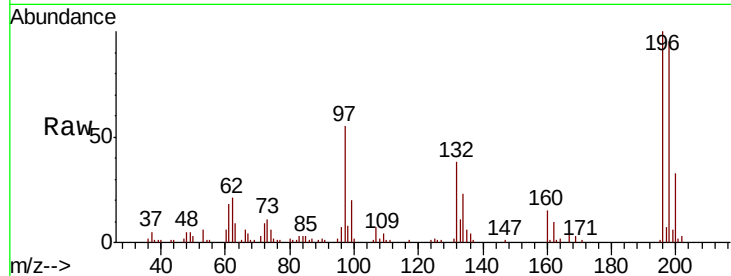
#43
 2,4,6-Trichlorophenol
 Concen: 50.318 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100648		
198	94.7	76.2	114.2	
200	32.5	24.3	36.5	

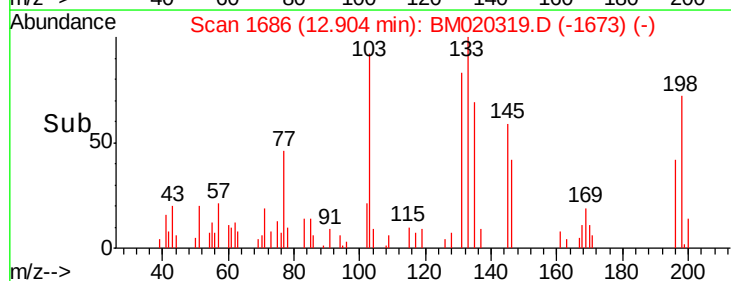
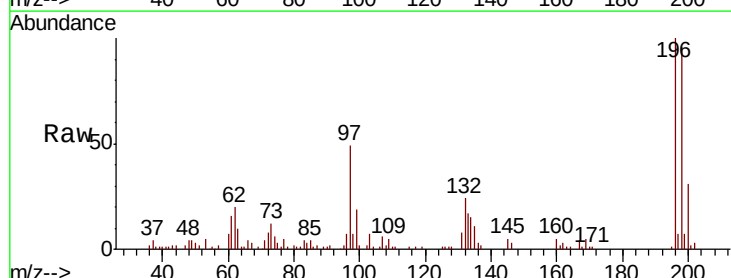
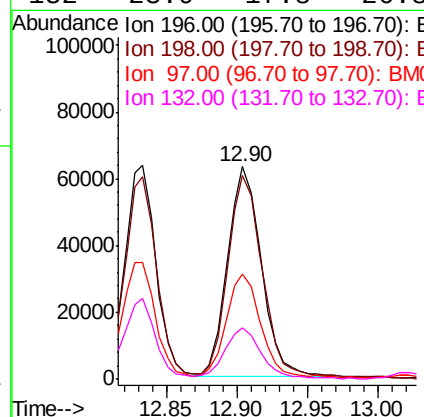
Manual Integrations
 APPROVED

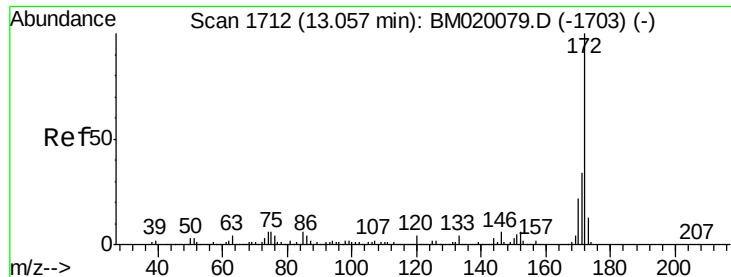
mohammad
 5/14/2019 11:11:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.989 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104999		
198	96.0	74.7	112.1	
97	49.3	42.2	63.4	
132	23.9	17.8	26.8	





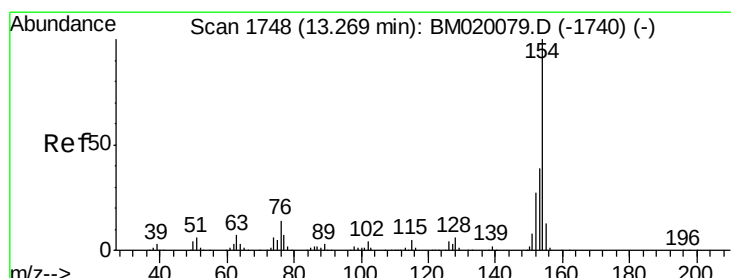
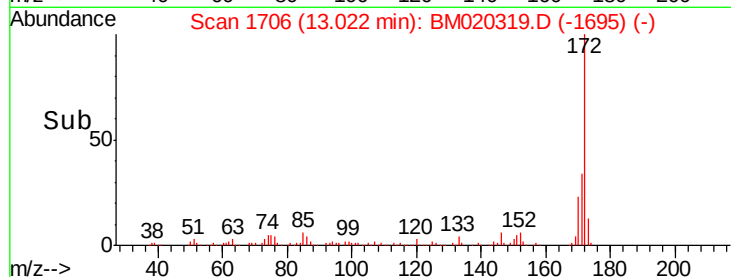
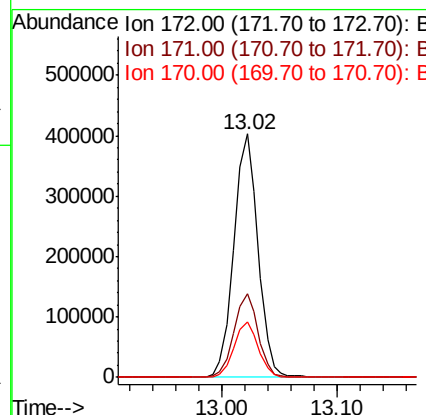
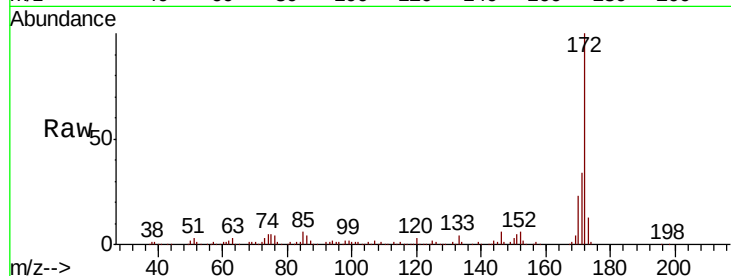
#45
2-Fluorobiphenyl
Concen: 79.879 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.3	40.9
170	22.6	17.9	26.9

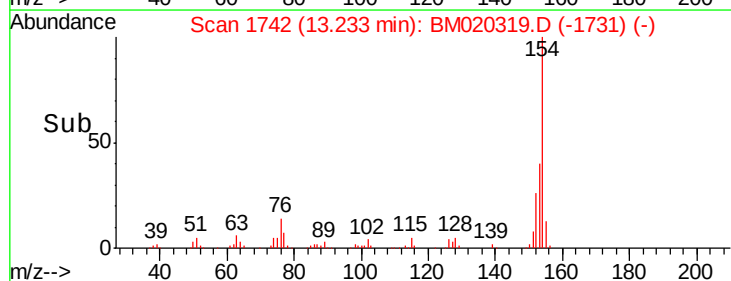
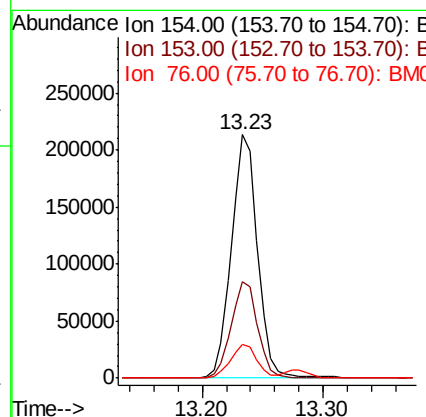
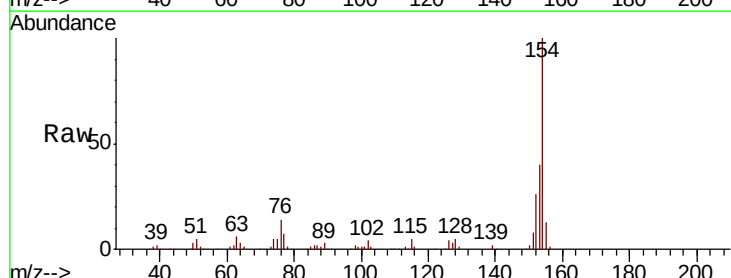
Manual Integrations
APPROVED

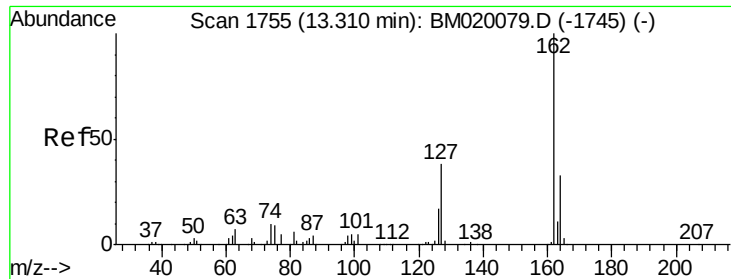
mohammad
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#46
1,1'-Biphenyl
Concen: 43.419 ng
RT: 13.23 min Scan# 1742
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.4	59.4
76	13.7	0.0	34.5





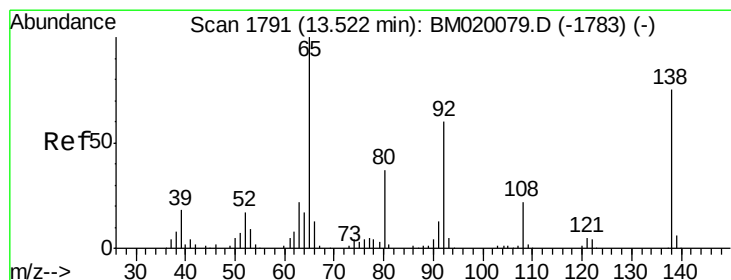
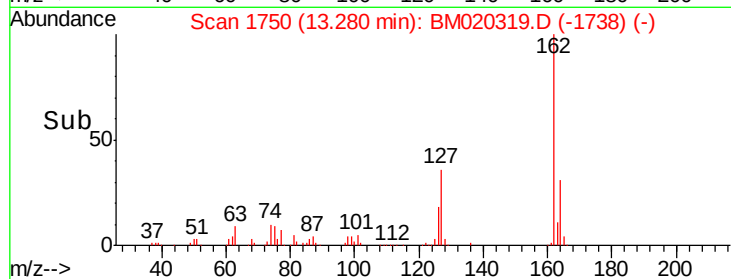
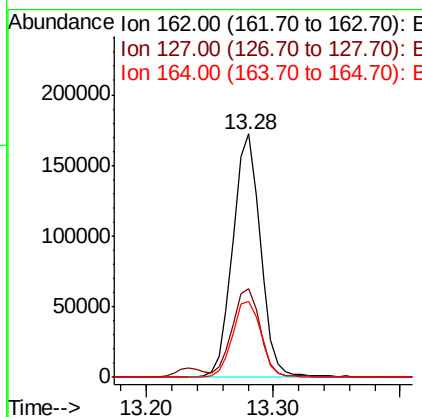
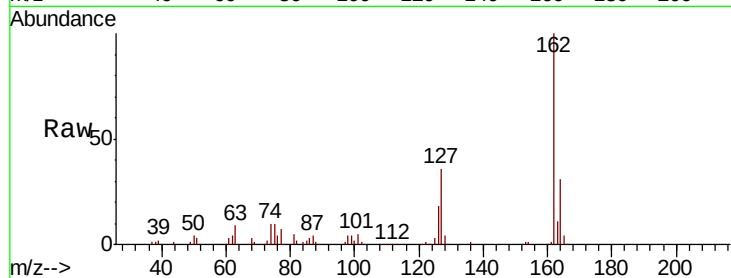
#47
2-Chloronaphthalene
Concen: 44.048 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion:	162	Resp:	260403
Ion Ratio		Lower	Upper
162	100		
127	36.4	31.0	46.4
164	31.3	26.2	39.2

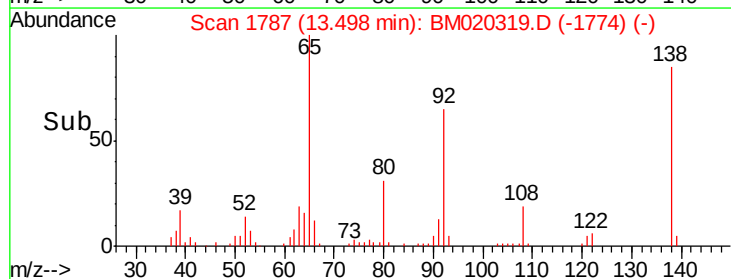
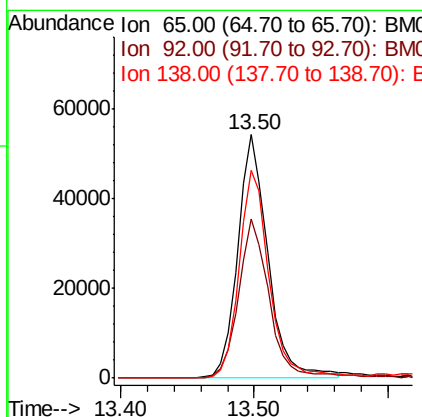
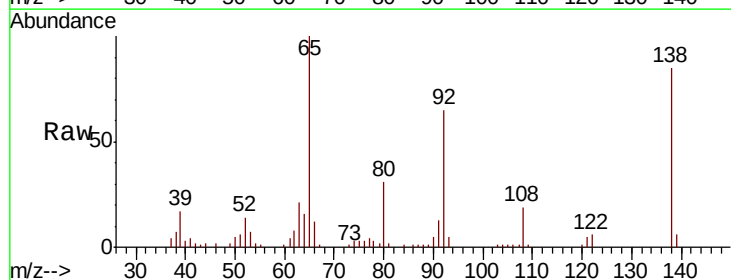
Manual Integrations
APPROVED

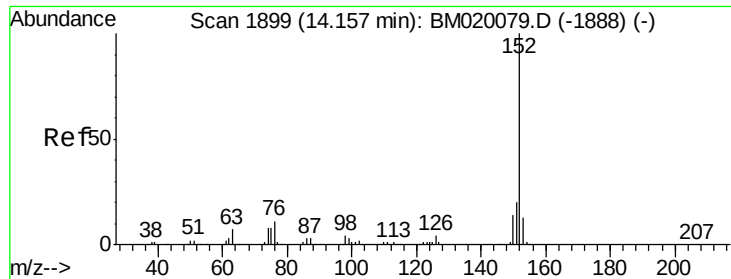
mohammad
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#48
2-Nitroaniline
Concen: 40.662 ng
RT: 13.50 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion:	65	Resp:	85581
Ion Ratio		Lower	Upper
65	100		
92	65.3	48.2	72.4
138	85.4	60.3	90.5





#49

Acenaphthylene

Concen: 43.459 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Instrument :

BNA_M

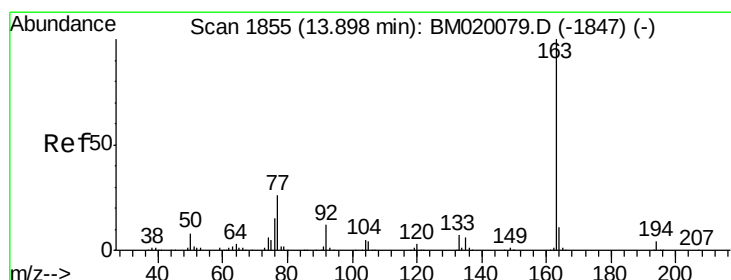
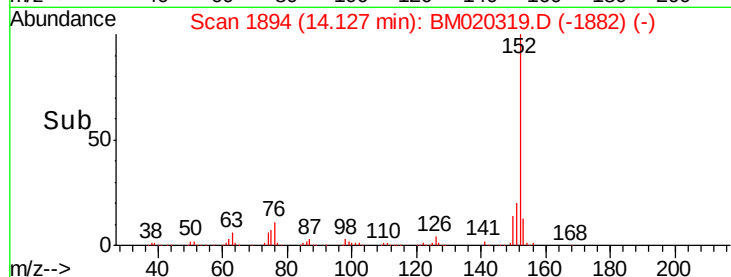
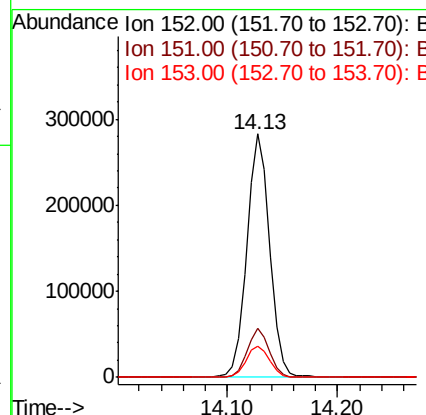
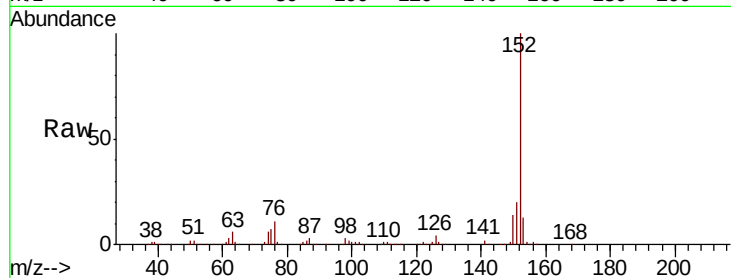
ClientSampleId :

12-B2MSD

Tot Ion:	152	Resp:	411179
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.2
153	12.7	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 56.040 ng

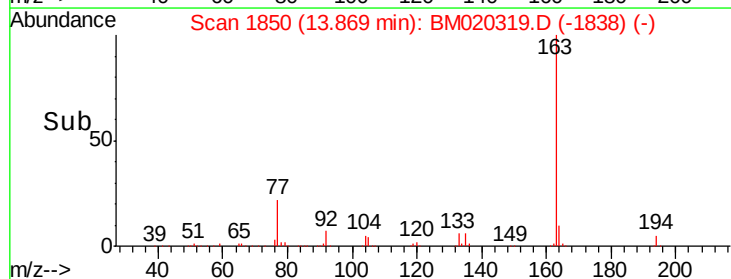
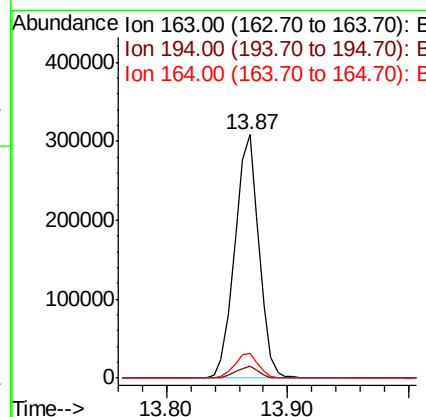
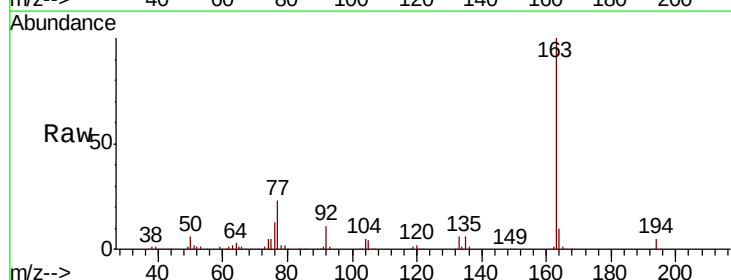
RT: 13.87 min Scan# 1850

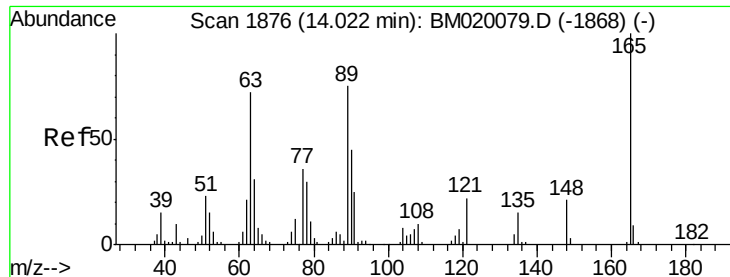
Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Tgt Ion:	163	Resp:	428466
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	10.1	8.4	12.6





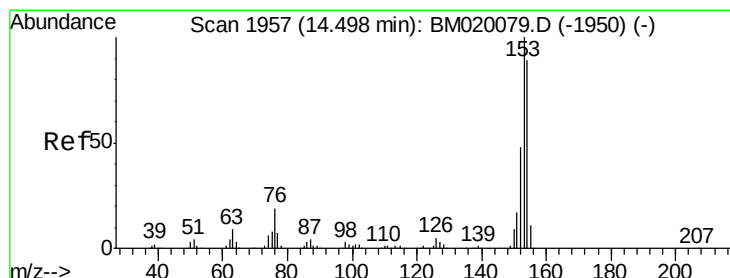
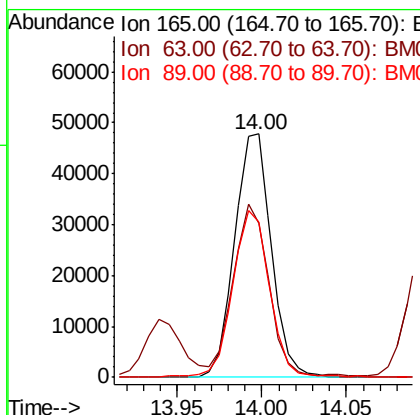
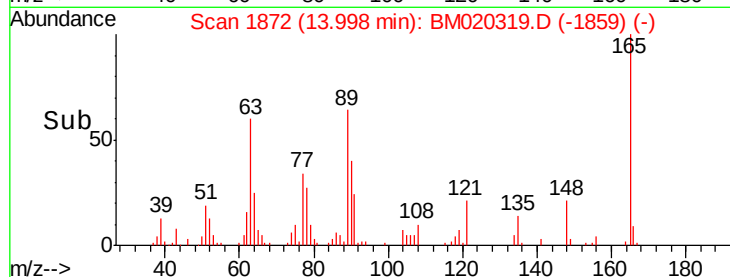
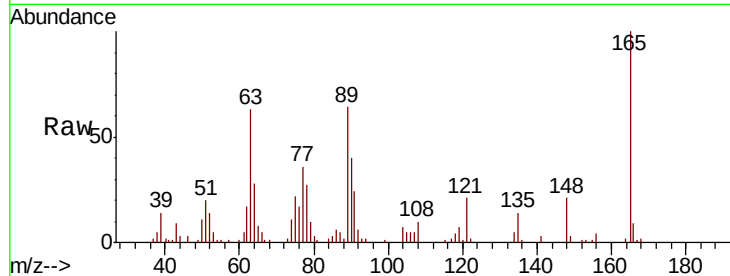
#51
2,6-Dinitrotoluene
Concen: 44.878 ng
RT: 14.00 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion:	165	Resp:	72269
Ion Ratio	Lower	Upper	
165	100		
63	63.1	60.3	90.5
89	63.8	59.8	89.6

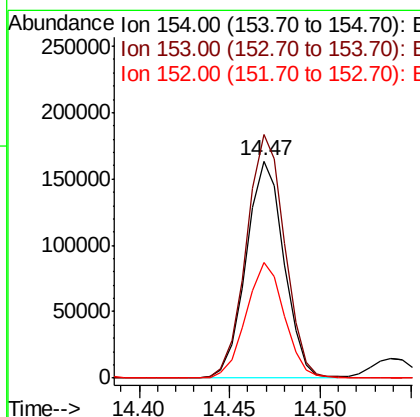
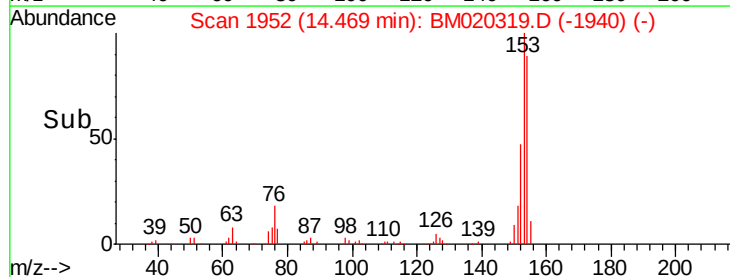
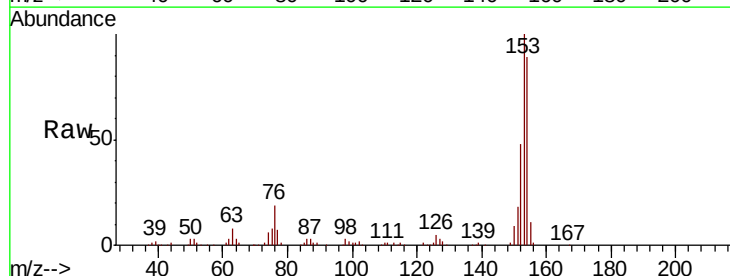
Manual Integrations
APPROVED

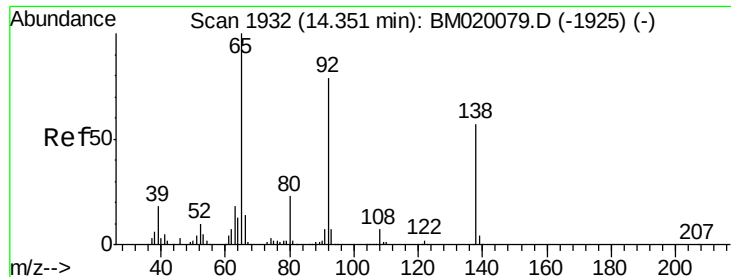
mohammad
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#52
Acenaphthene
Concen: 43.830 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion:	154	Resp:	237803
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.2	135.2
152	53.3	43.0	64.4





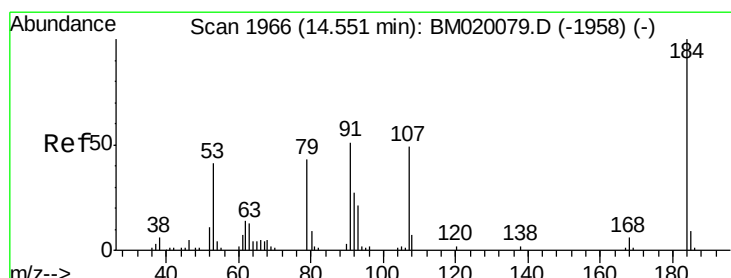
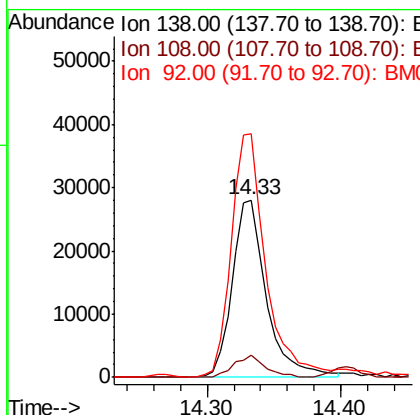
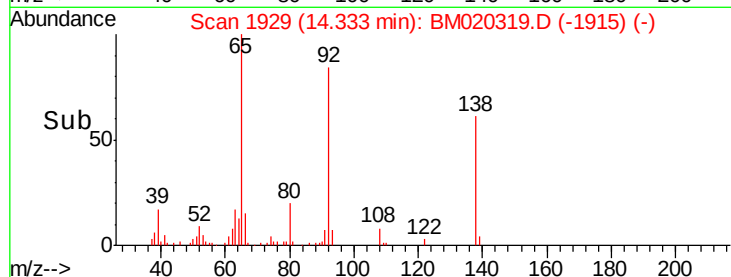
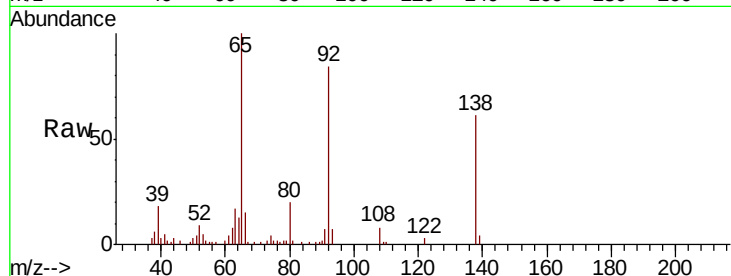
#53
3-Nitroaniline
Concen: 33.270 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampled :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.4	15.6
92	137.2	111.3	166.9

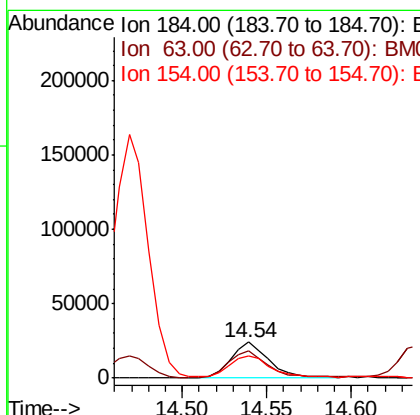
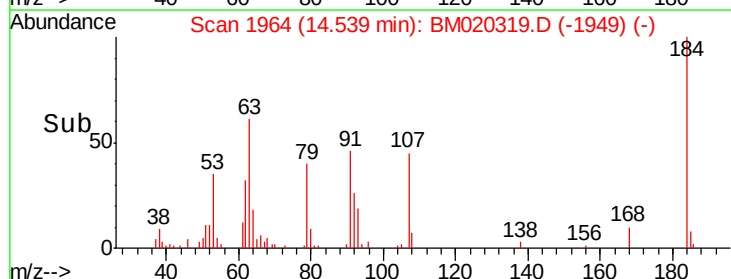
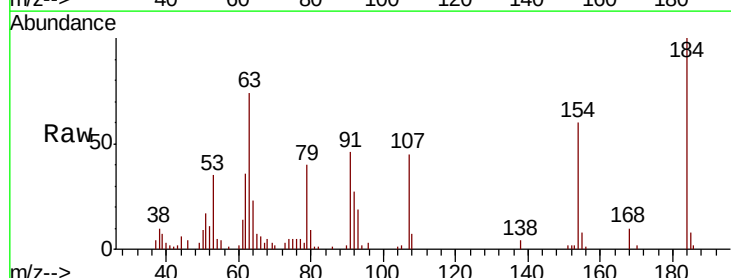
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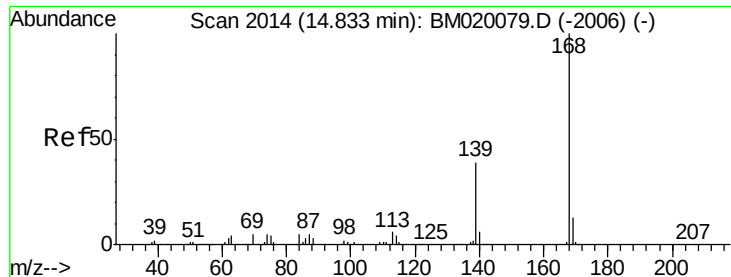
mohammad
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#54
2,4-Dinitrophenol
Concen: 50.928 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.2	68.9	103.3
154	59.9	54.4	81.6





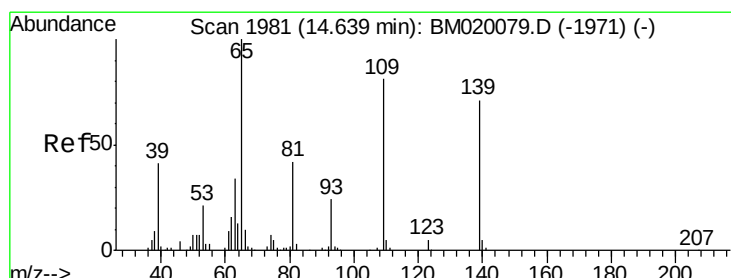
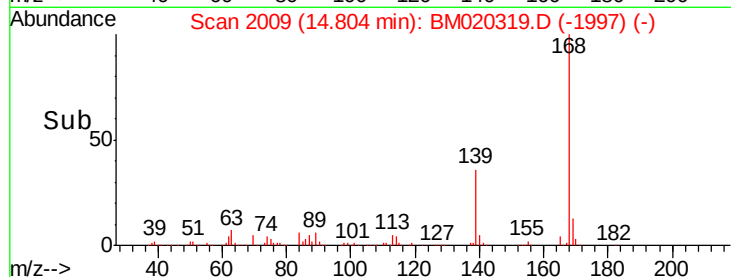
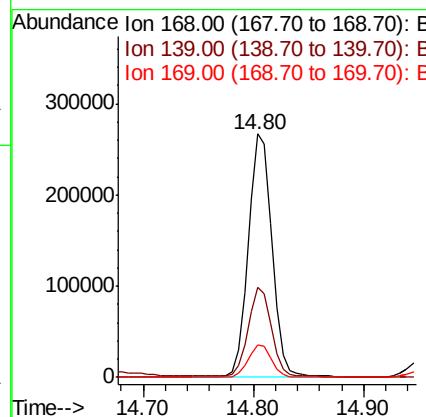
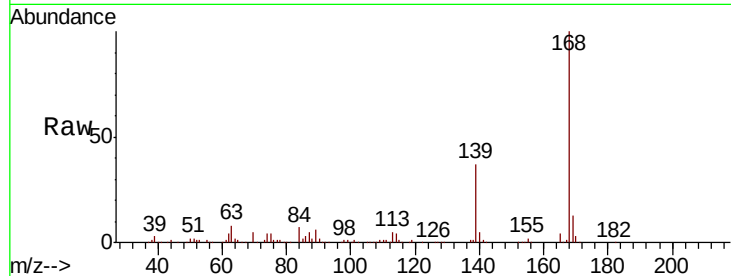
#55
Dibenzofuran
Concen: 44.271 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	31.1	46.7
169	13.3	10.6	16.0

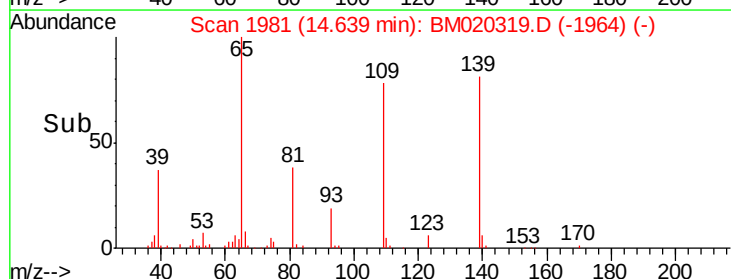
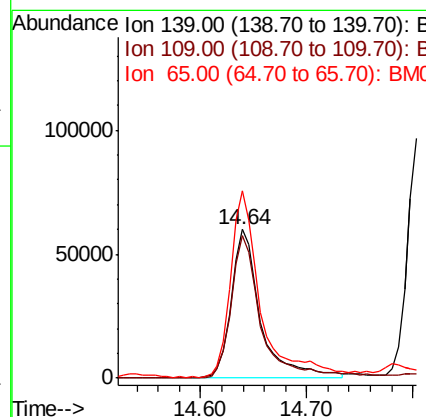
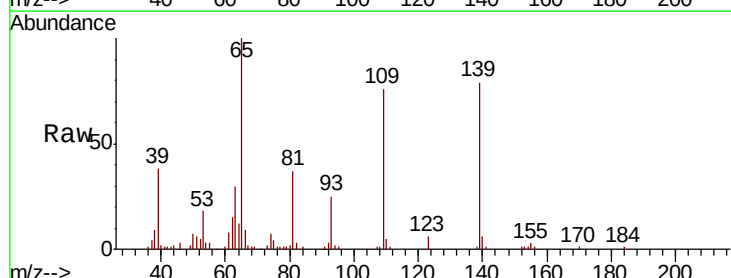
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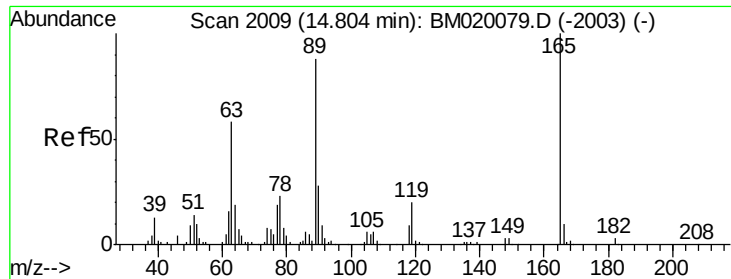
mohammad
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#56
4-Nitrophenol
Concen: 90.629 ng m
RT: 14.64 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.3	94.1	134.1
65	126.5	120.9	160.9





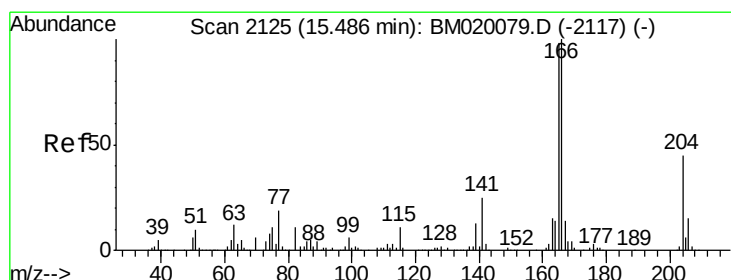
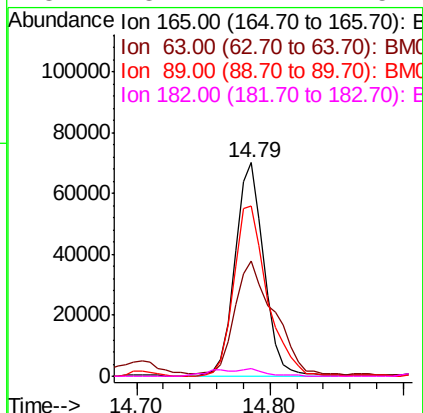
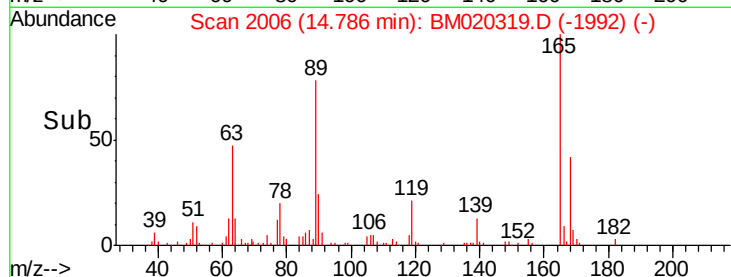
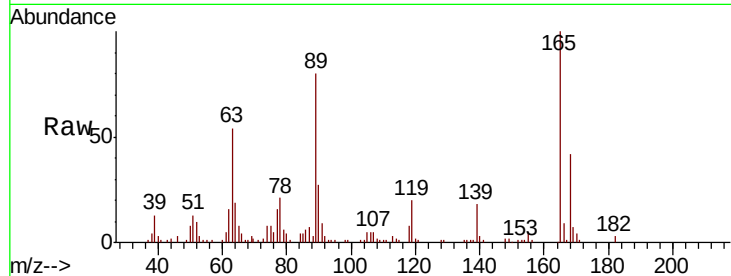
#57
2,4-Dinitrotoluene
Concen: 48.346 ng
RT: 14.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampled :
12-B2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	105789		
63	54.1	46.2	69.2	
89	79.5	70.6	105.8	
182	3.4	2.2	3.2#	

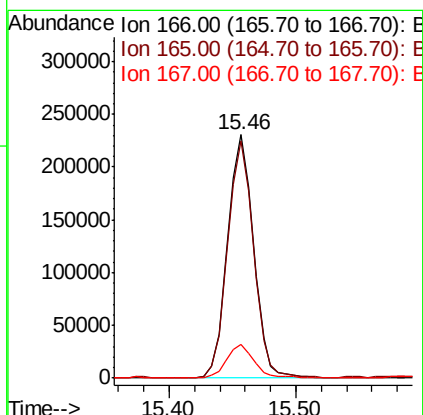
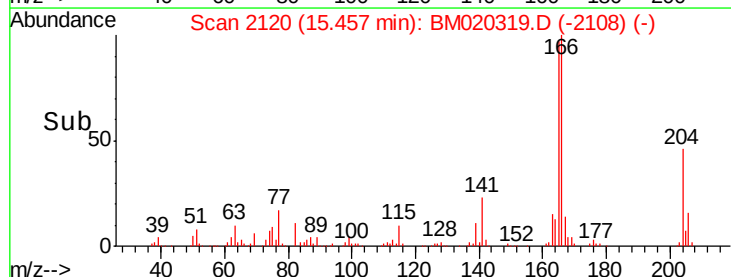
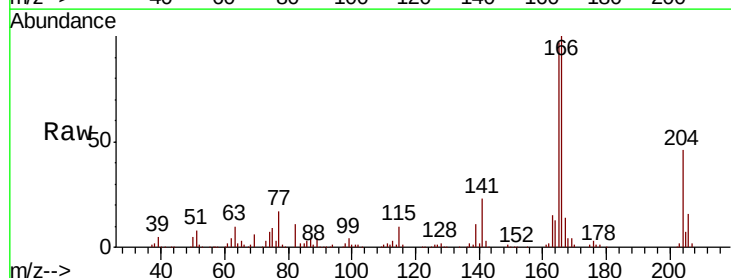
Manual Integrations
APPROVED

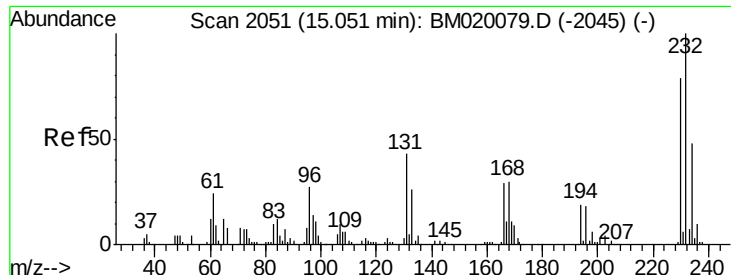
mohammad
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#58
Fluorene
Concen: 43.615 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	327811		
165	97.4	78.2	117.2	
167	13.8	11.0	16.4	





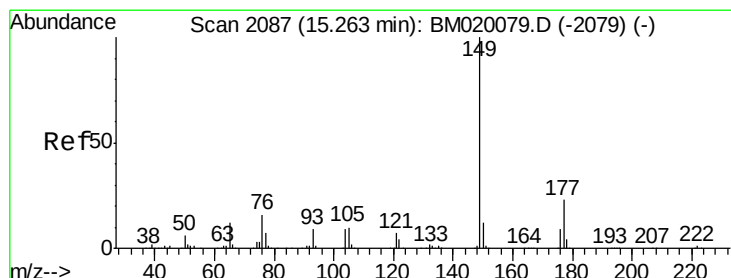
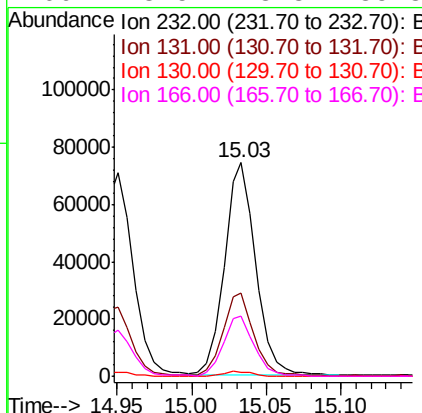
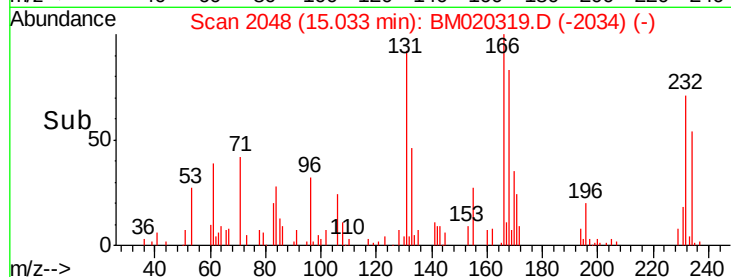
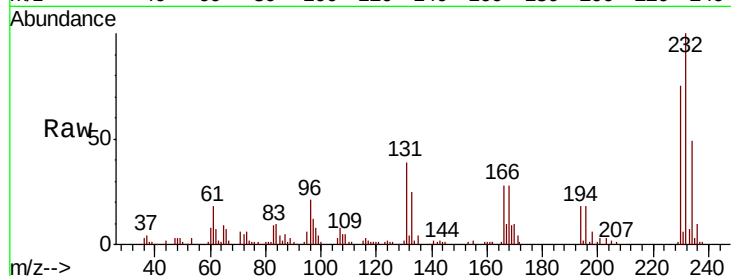
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.596 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Instrument :
 BNA_M
 ClientSampled :
 12-B2MSD

Tot Ion:	232	Resp:	107440
Ion Ratio	Lower	Upper	
232	100		
131	39.5	34.2	51.4
130	2.1	2.0	3.0
166	28.5	23.8	35.8

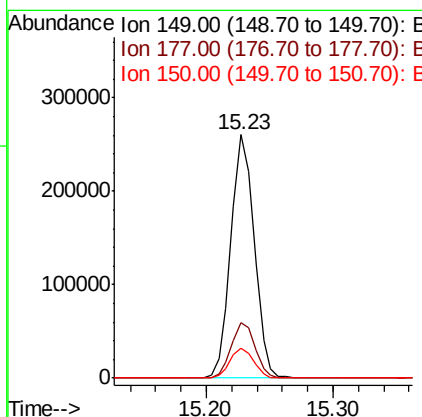
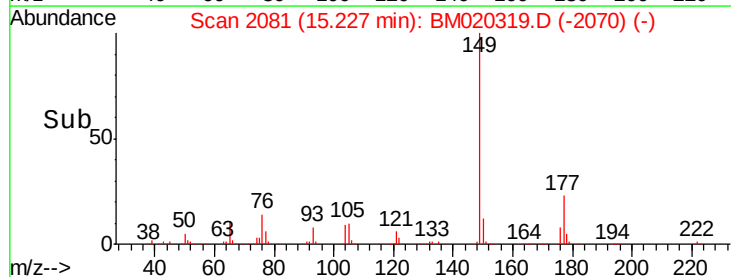
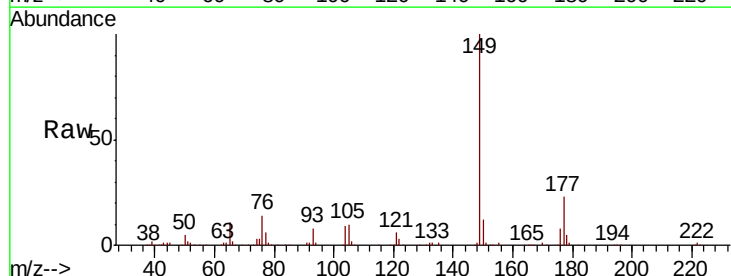
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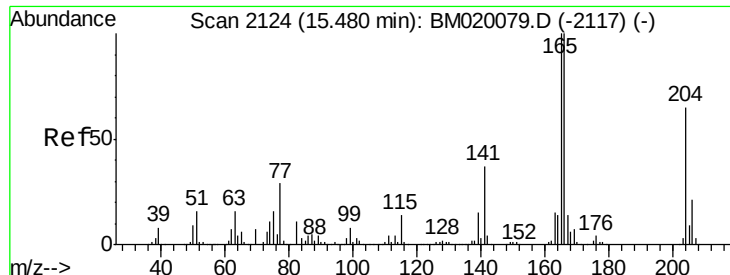
mohammad
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#60
 Diethylphthalate
 Concen: 43.279 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.04 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Tgt Ion:	149	Resp:	333379
Ion Ratio	Lower	Upper	
149	100		
177	22.8	18.2	27.4
150	12.3	9.9	14.9





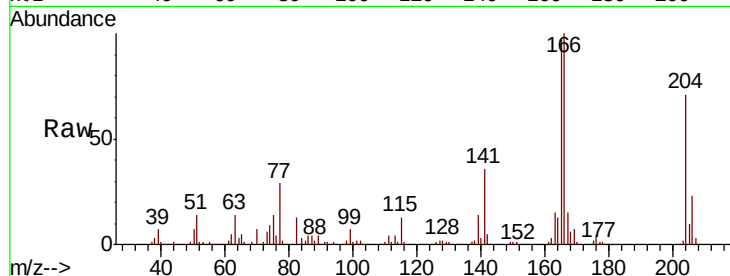
#61
 4-Chlorophenyl-phenylether
 Concen: 42.969 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.03 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MSD

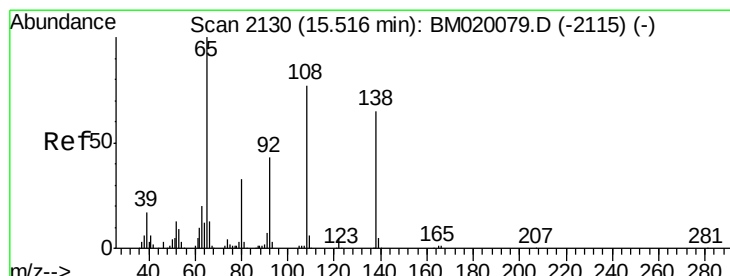
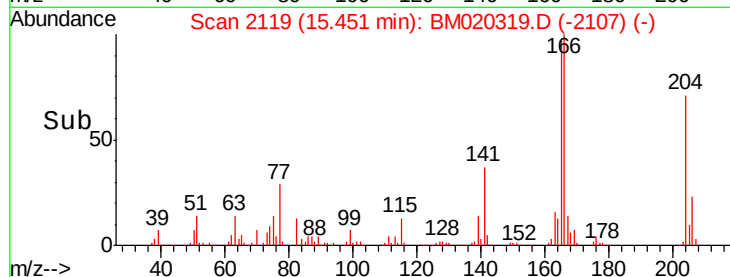
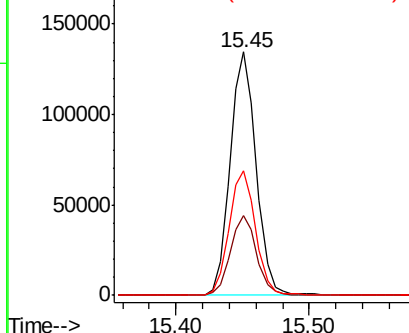
Tot Ion	Ratio	Resp	Lower	Upper
204	100	182991		
206	32.7	25.6	38.4	
141	51.3	46.1	69.1	

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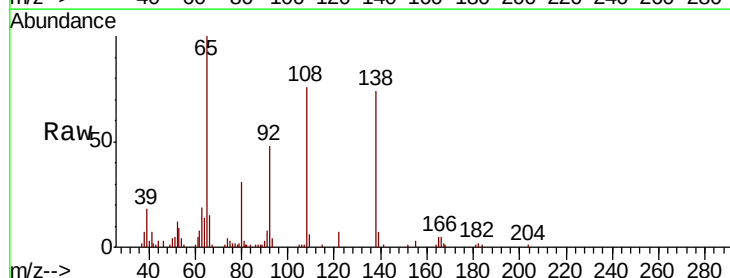


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

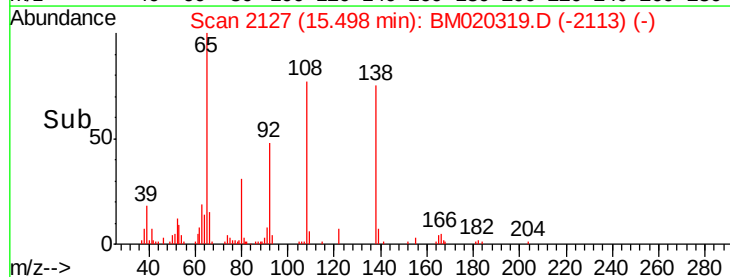
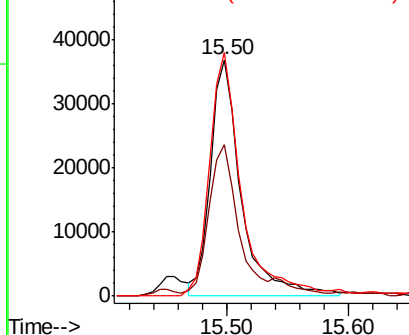


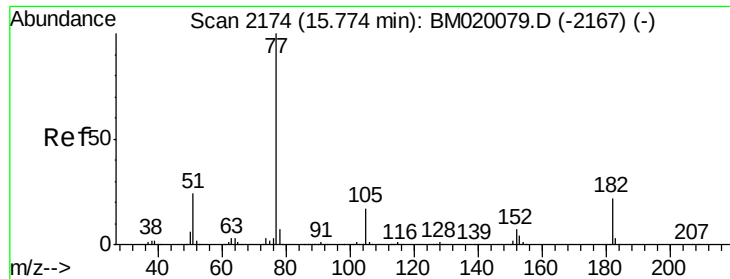
#62
 4-Nitroaniline
 Concen: 39.236 ng m
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	64717		
92	64.4	45.9	85.9	
108	103.2	97.7	137.7	



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





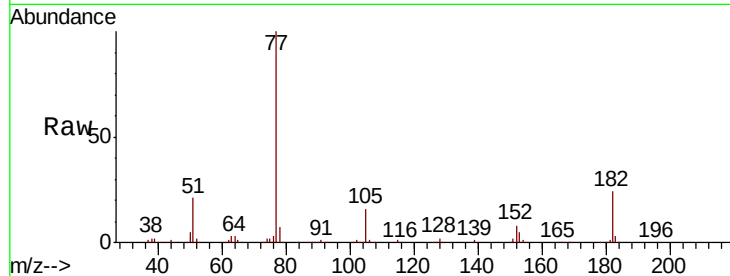
#63
Azobenzene
Concen: 39.282 ng
RT: 15.74 min Scan# 2169
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		356969		
182	24.2	2.1	42.1		
105	16.3	0.0	36.8		
51	21.5	3.8	43.8		

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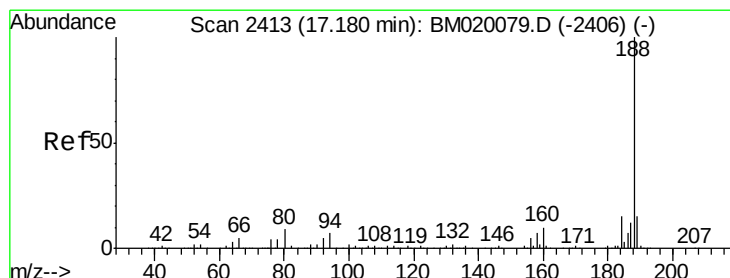
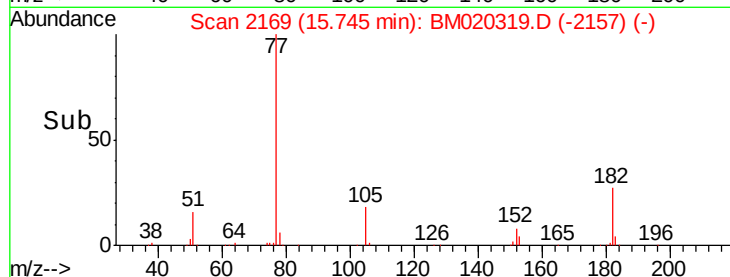
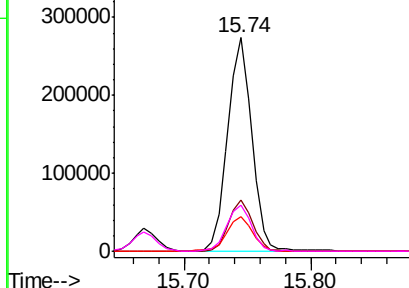


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

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

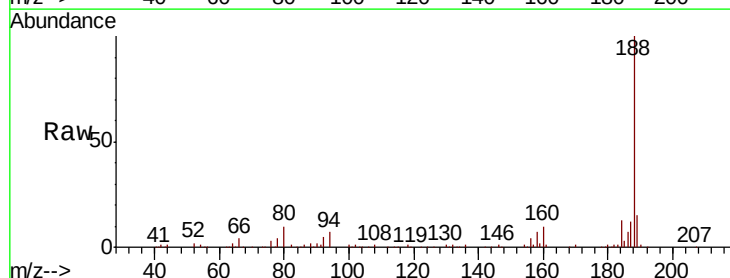
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

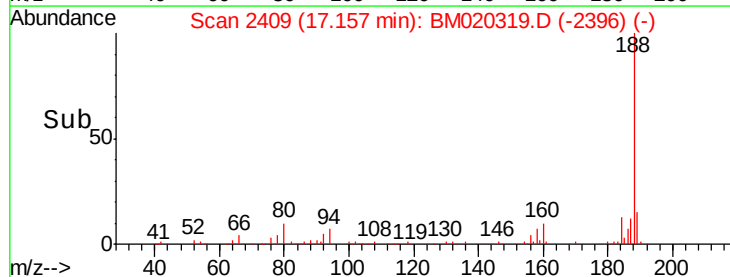
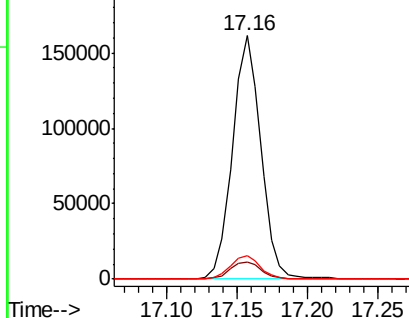
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		226187		
94	6.9	5.8	8.6		
80	9.8	7.4	11.2		

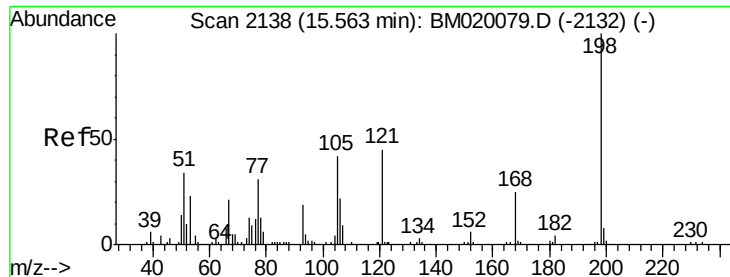


Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 46.639 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Instrument :

BNA_M

ClientSampled :

12-B2MSD

Tot Ion:198 Resp: 52954

Ion Ratio Lower Upper

198 100

51 31.4 16.5 56.5

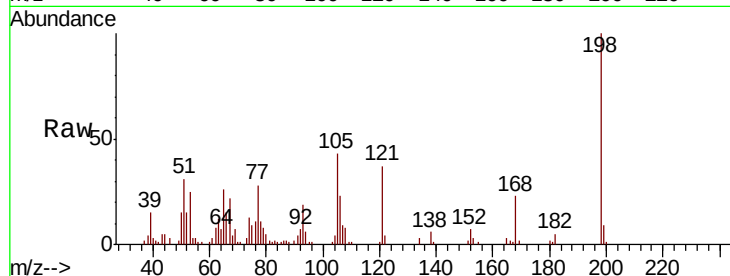
105 42.7 22.8 62.8

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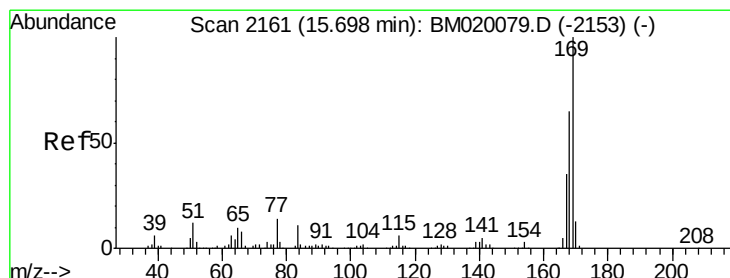
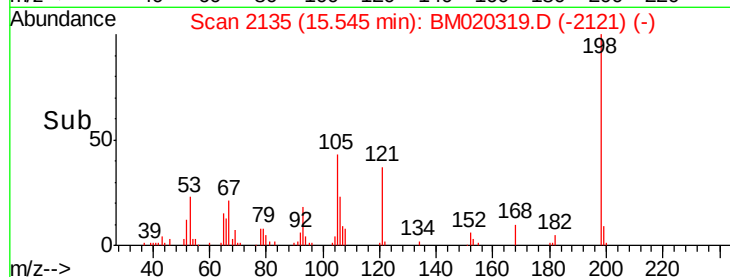
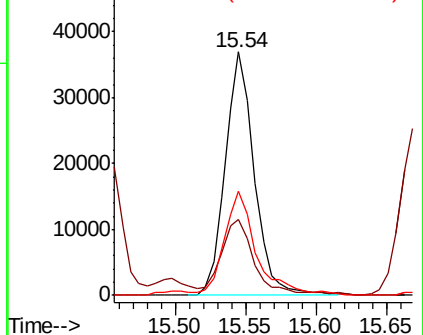
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.018 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

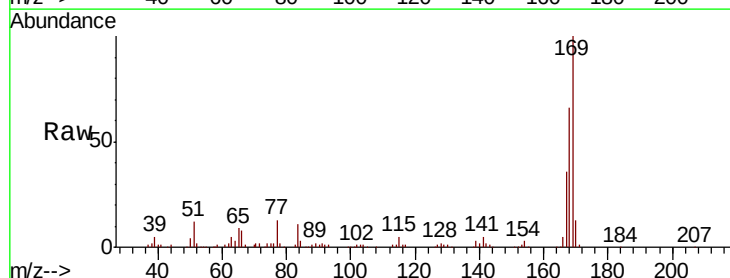
Tgt Ion:169 Resp: 292970

Ion Ratio Lower Upper

169 100

168 66.5 51.9 77.9

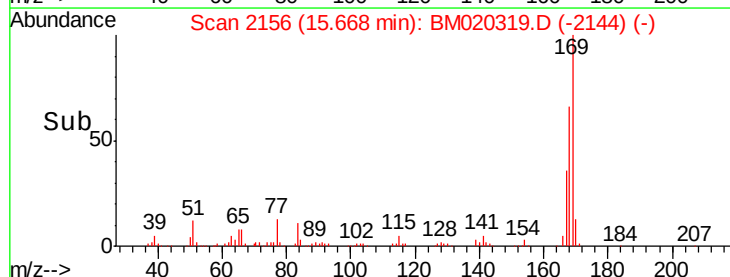
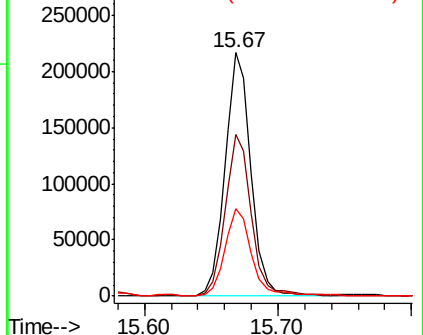
167 35.9 27.8 41.6

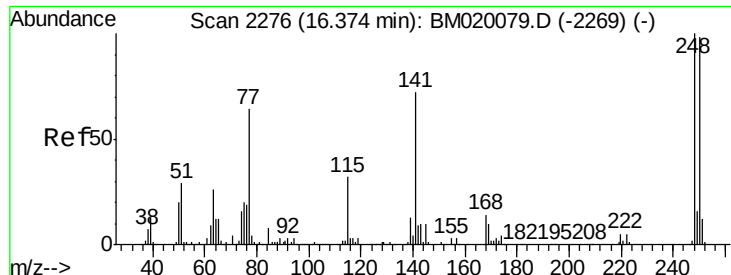


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





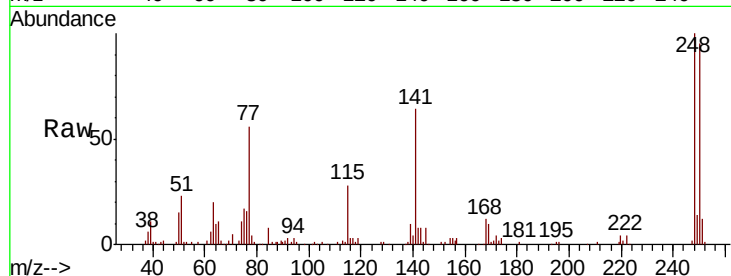
#67
 4-Bromophenyl-phenylether
 Concen: 41.503 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	78.4	117.6
141	63.8	57.4	86.2

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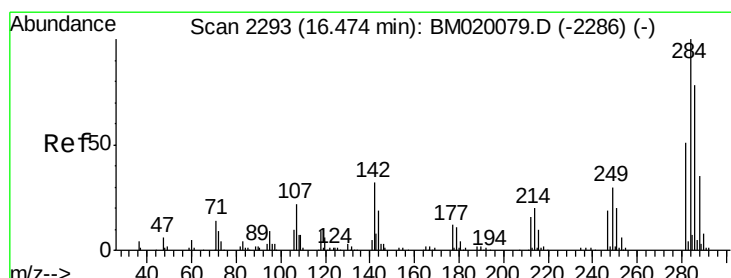
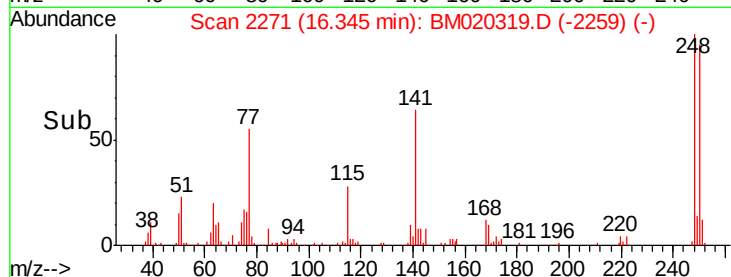
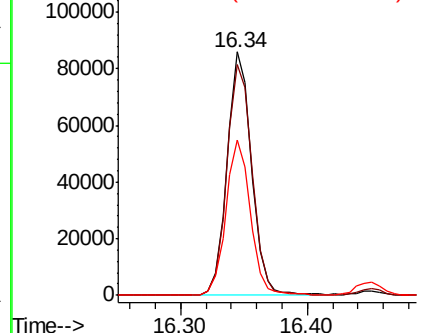


Abundance

Ion 248.00 (247.70 to 248.70): E

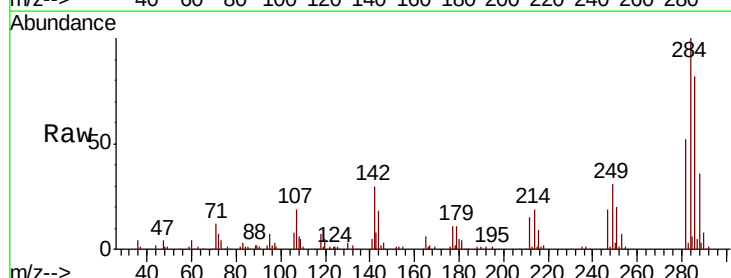
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.198 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.2	37.8
249	31.5	23.6	35.4

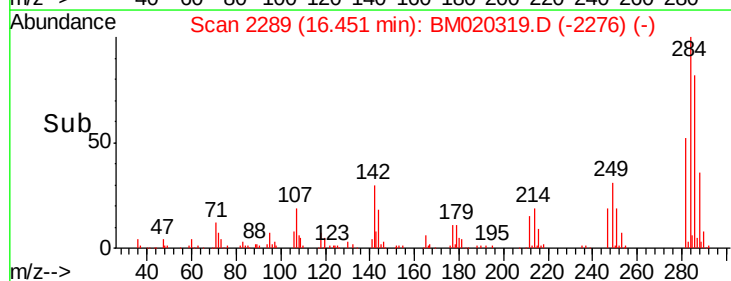
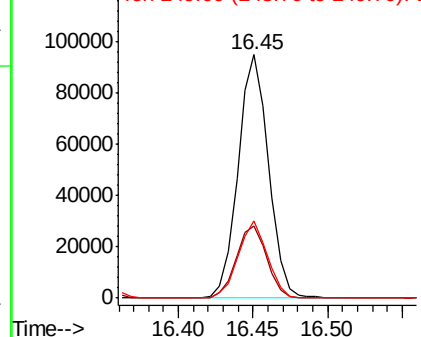


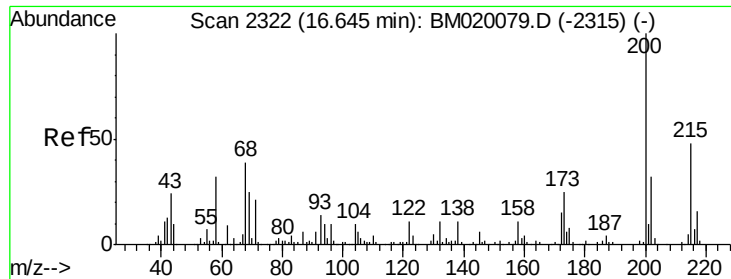
Abundance

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





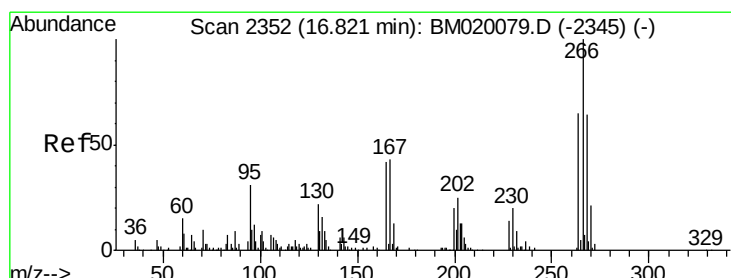
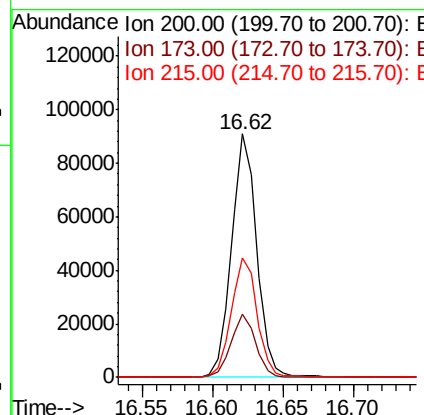
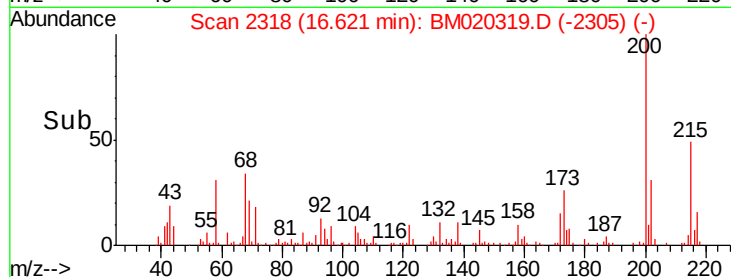
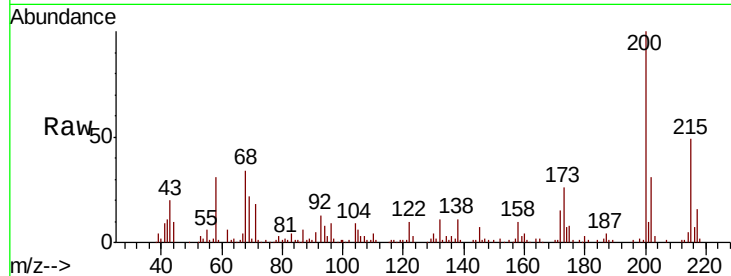
#69
Atrazine
Concen: 43.434 ng
RT: 16.62 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	4.6	44.6
215	49.1	28.0	68.0

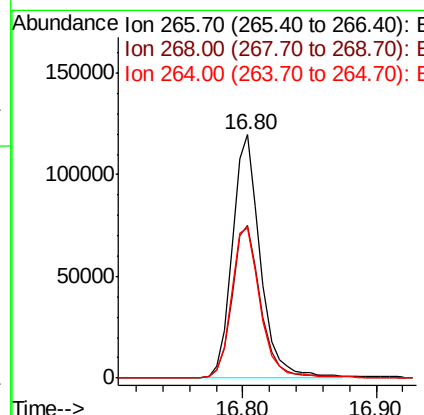
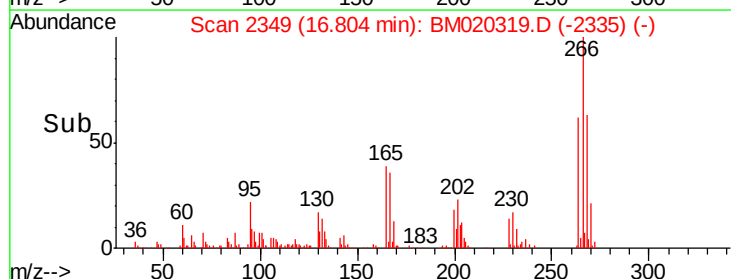
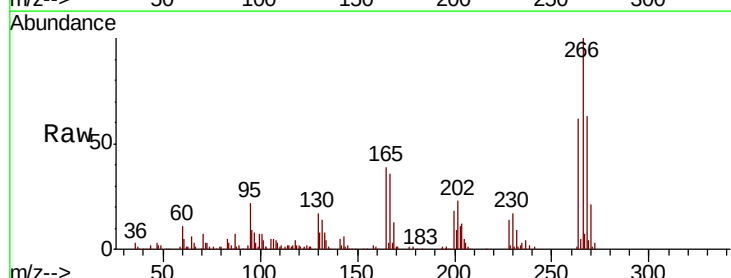
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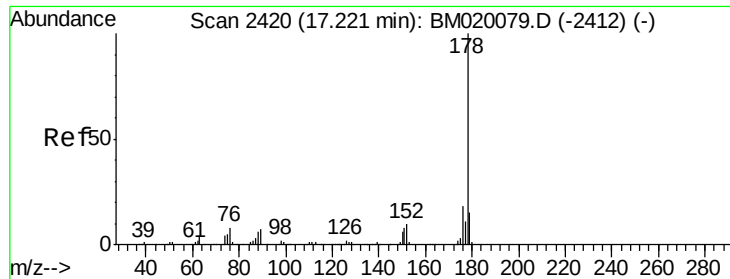
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#70
Pentachlorophenol
Concen: 96.597 ng
RT: 16.80 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	51.4	77.0
264	61.5	52.0	78.0





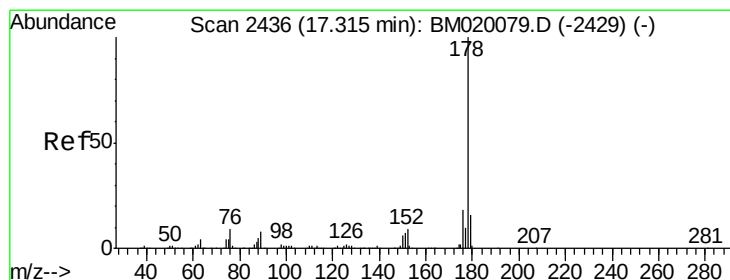
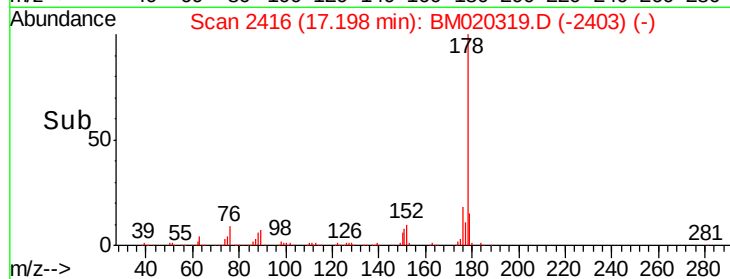
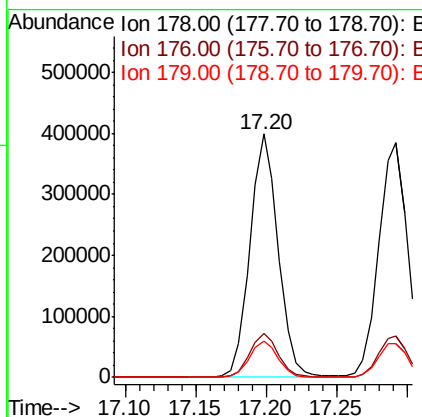
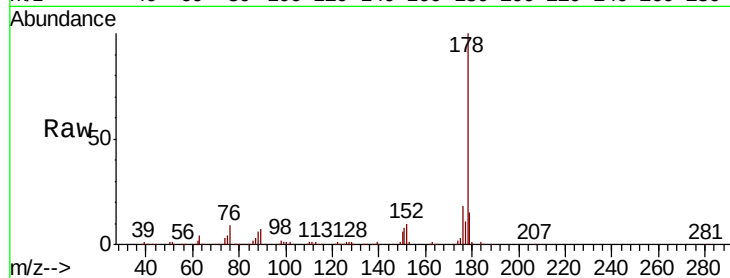
#71
Phenanthrene
Concen: 44.830 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.0	12.4	18.6

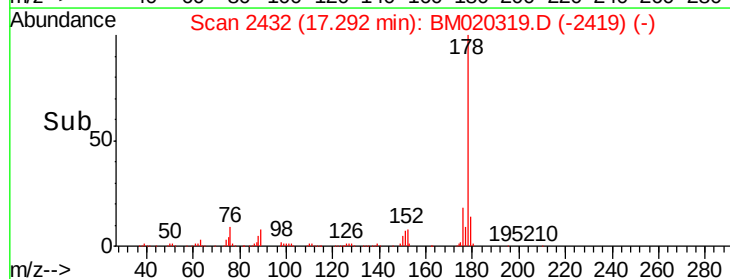
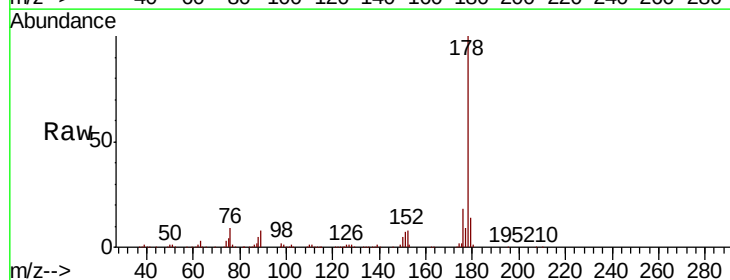
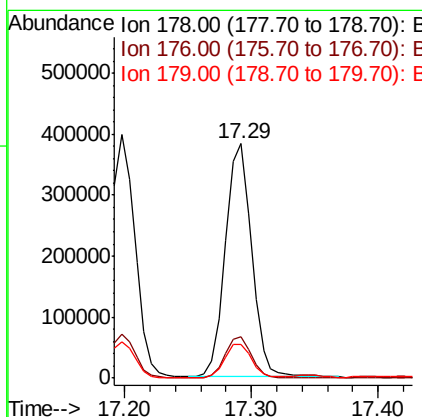
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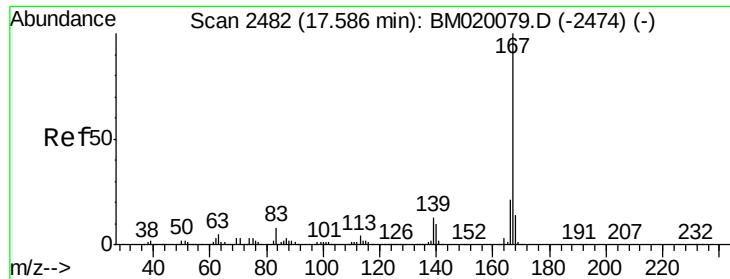
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#72
Anthracene
Concen: 43.925 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	14.4	12.4	18.6





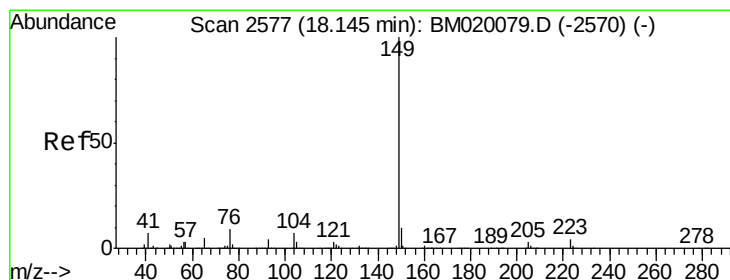
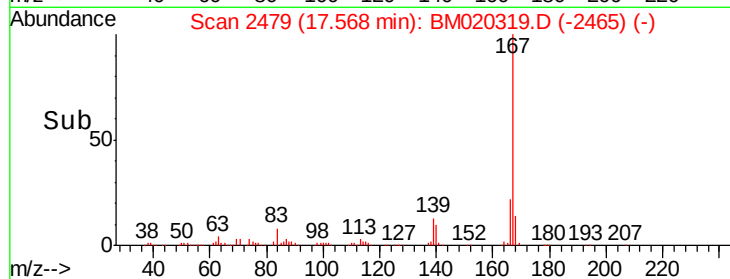
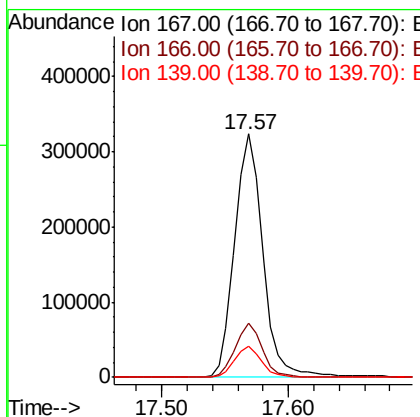
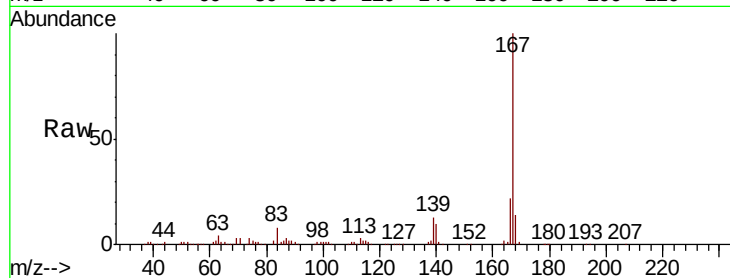
#73
 Carbazole
 Concen: 44.143 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.6
139	12.7	10.6	16.0

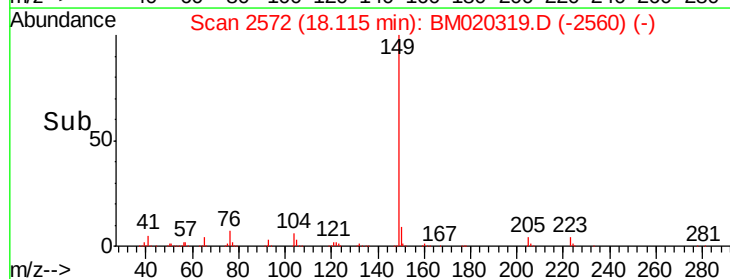
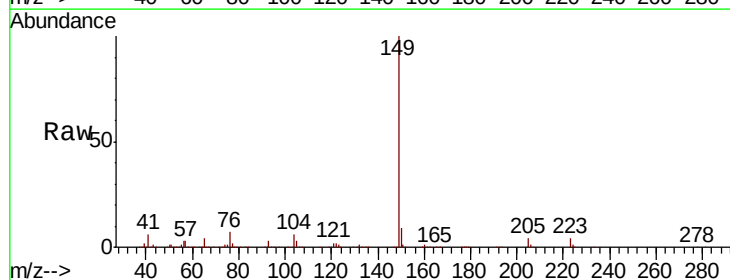
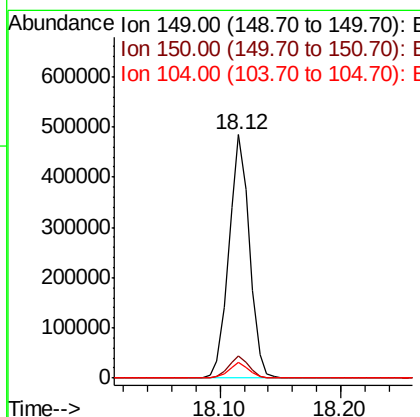
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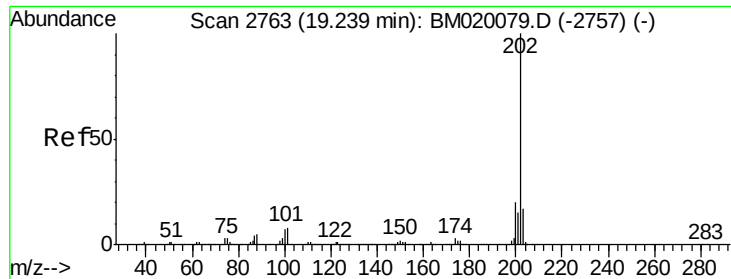
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#74
 Di-n-butylphthalate
 Concen: 42.281 ng
 RT: 18.12 min Scan# 2572
 Delta R.T. -0.03 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	6.3	5.7	8.5





#75

Fluoranthene

Concen: 44.574 ng

RT: 19.22 min Scan# 2759

Delta R.T. -0.02 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Instrument :

BNA_M

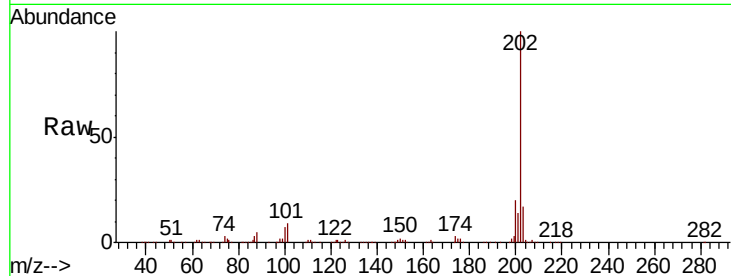
ClientSampleId :

12-B2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		704168		
101	8.9	0.0	28.4		
203	17.4	0.0	37.4		

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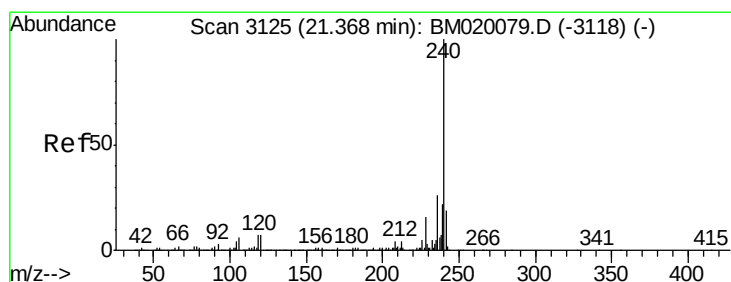
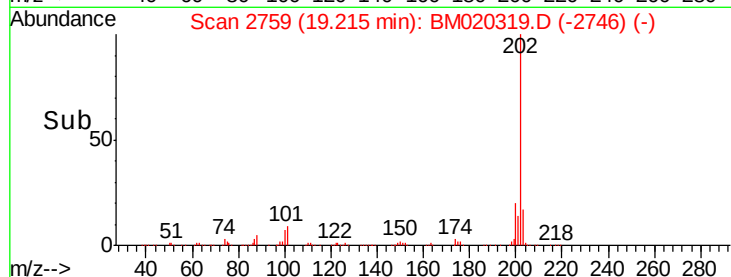
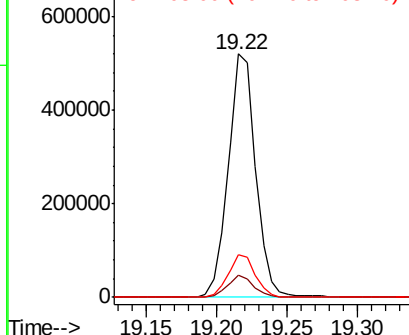


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

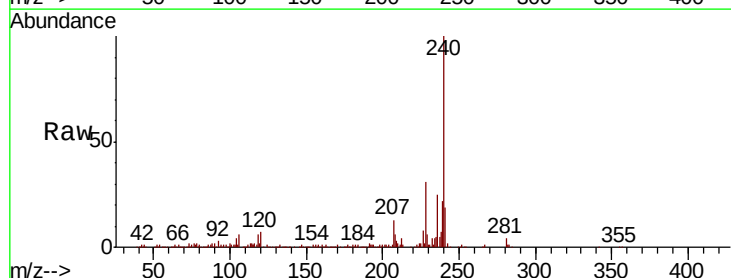
RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020319.D

Acq: 13 May 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		266376		
120	6.8	5.6	8.4		
236	25.3	20.9	31.3		

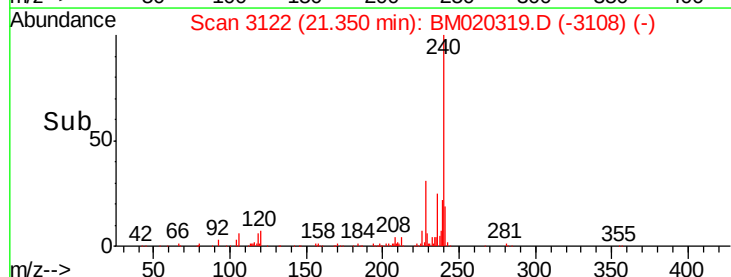
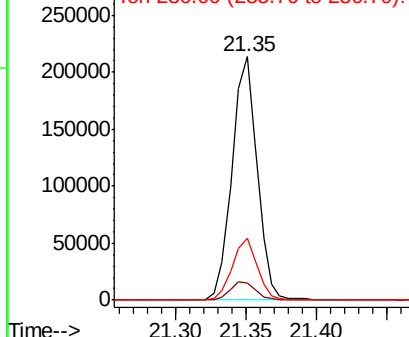


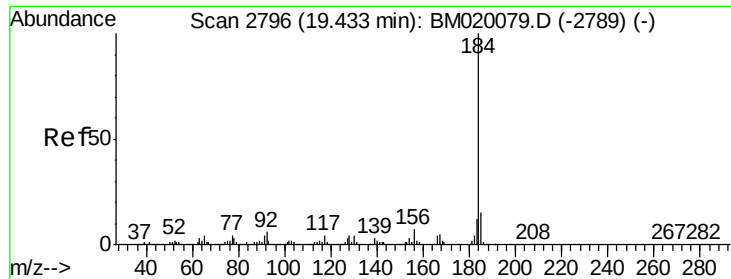
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





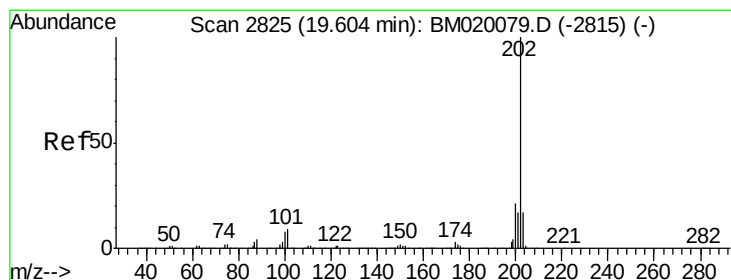
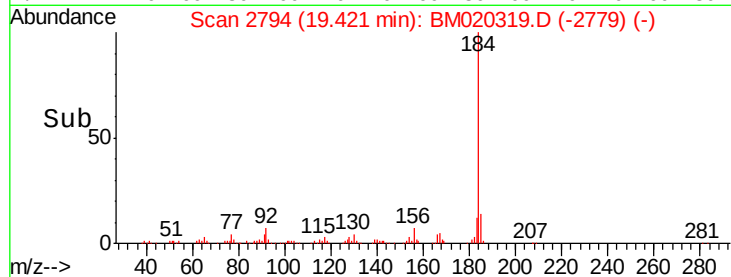
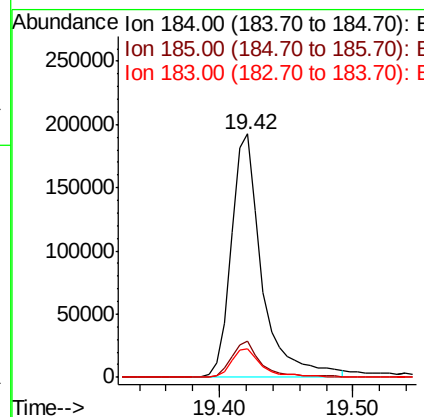
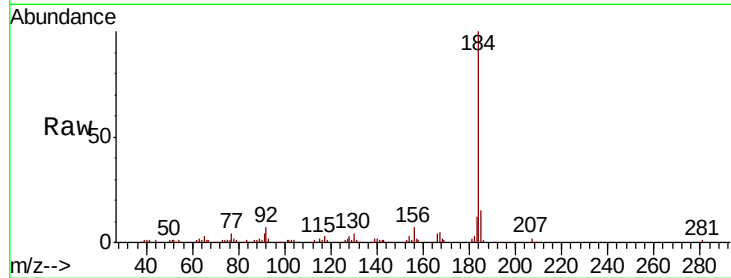
#77
Benzidine
Concen: 36.519 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	12.0	18.0	
183	11.7	9.5	14.3	

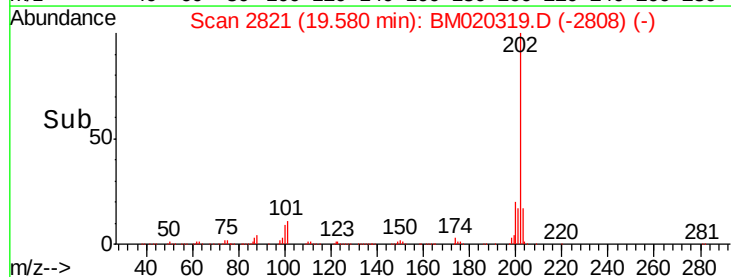
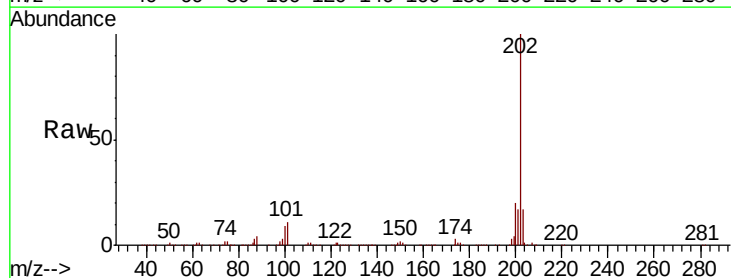
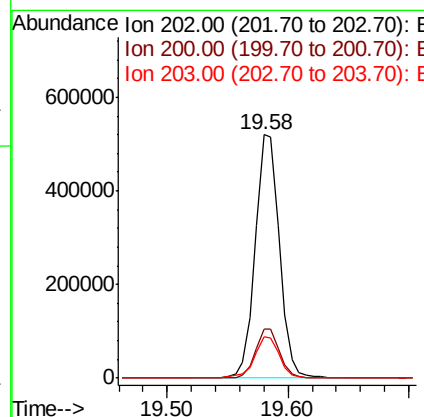
Manual Integrations
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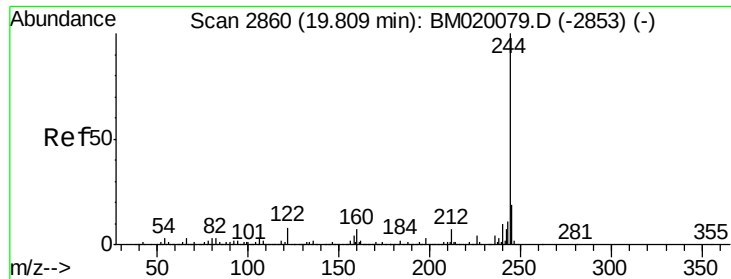
mohammad
5/14/2019 11:11:56 PM



#78
Pyrene
Concen: 40.811 ng
RT: 19.58 min Scan# 2821
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.0	16.5	24.7	
203	17.0	13.9	20.9	





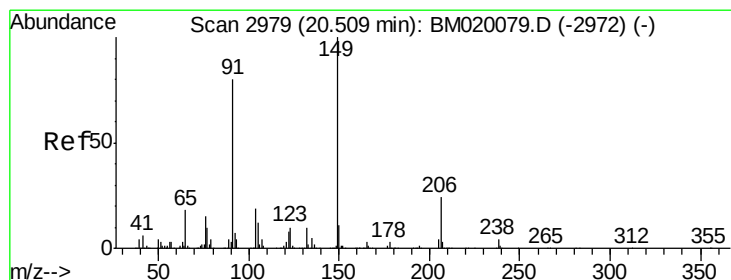
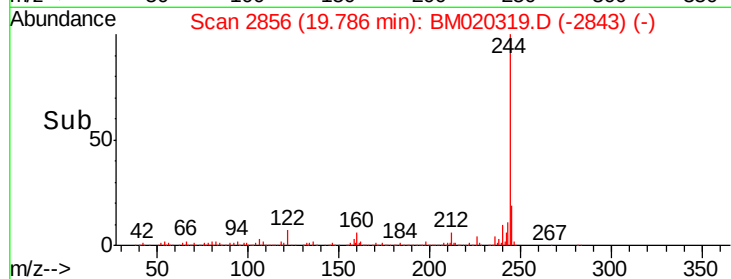
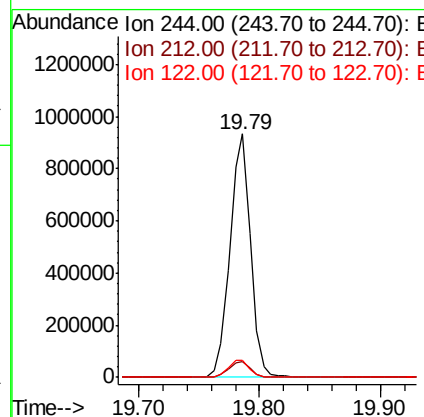
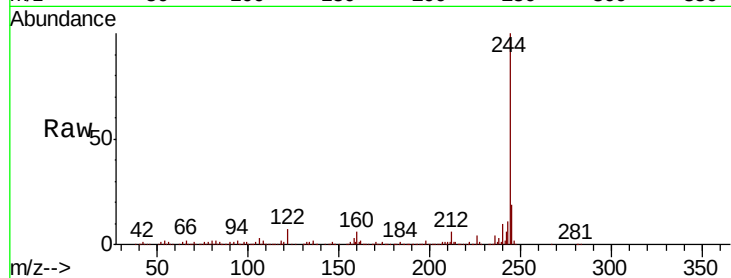
#79
 Terphenyl-d14
 Concen: 71.990 ng
 RT: 19.79 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	7.2	6.2	9.2

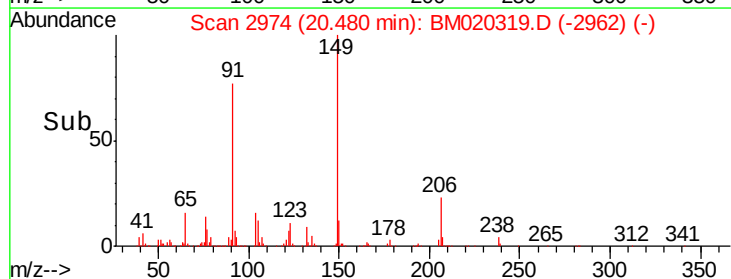
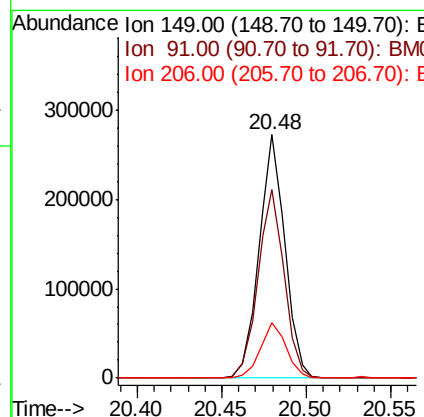
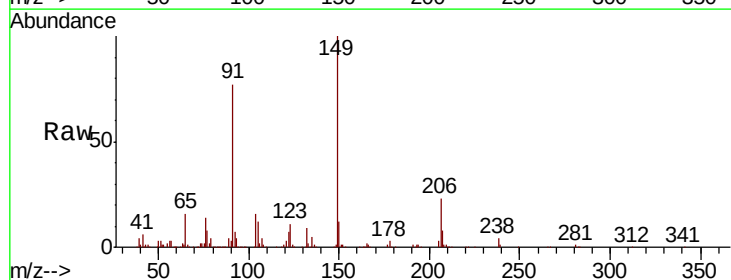
Manual Integrations
 APPROVED

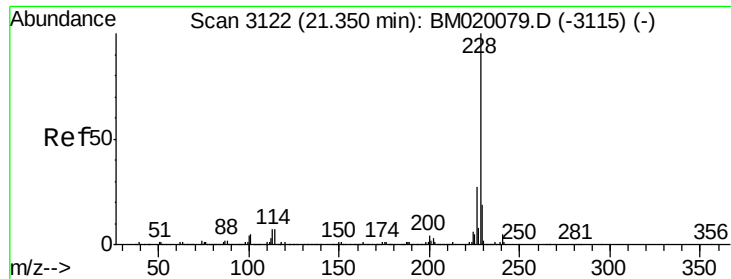
mohammad
 5/14/2019 11:11:56 PM



#80
 Butylbenzylphthalate
 Concen: 44.765 ng
 RT: 20.48 min Scan# 2974
 Delta R.T. -0.03 min
 Lab File: BM020319.D
 Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.2	63.8	95.8
206	22.8	18.9	28.3





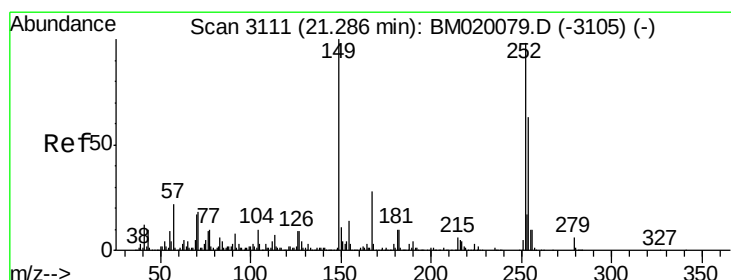
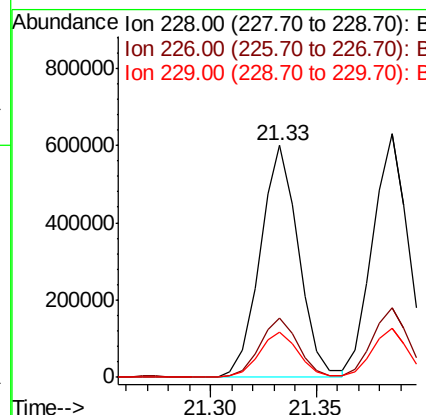
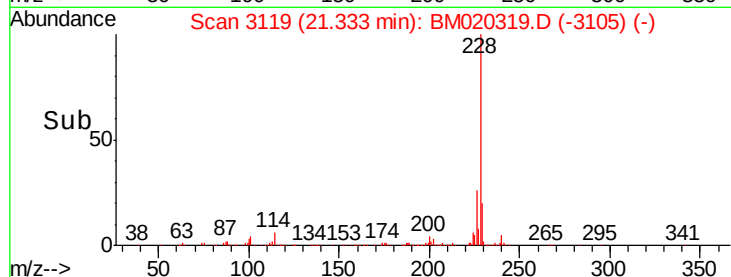
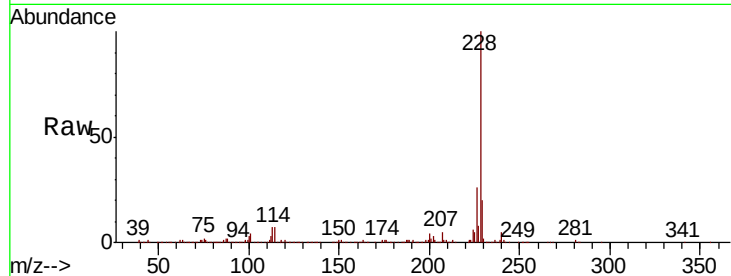
#81
Benzo(a)anthracene
Concen: 40.594 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	25.6	21.3	31.9		
229	19.7	15.5	23.3		

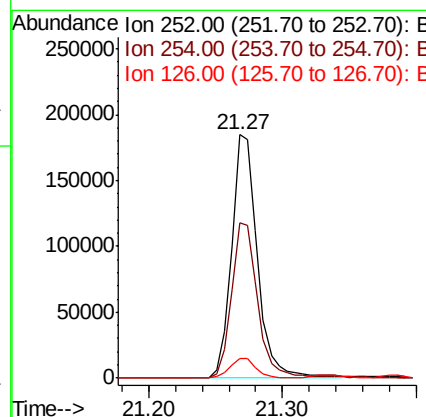
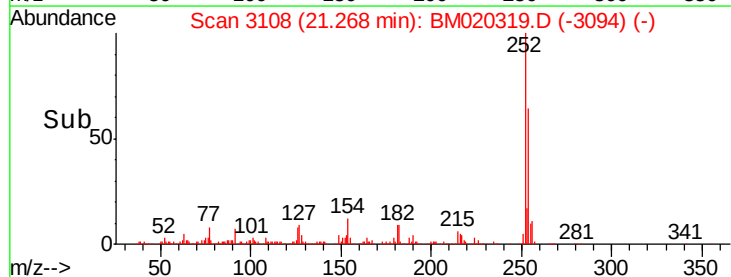
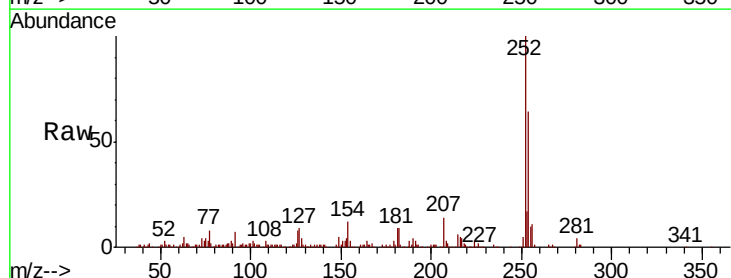
Manual Integrations
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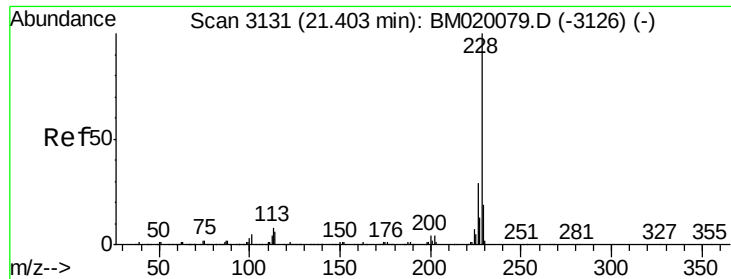
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.367 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	63.6	51.1	76.7		
126	8.2	7.1	10.7		





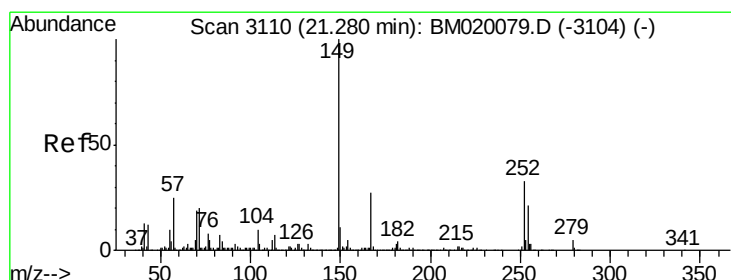
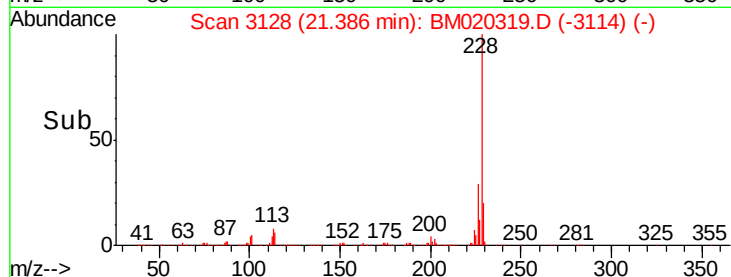
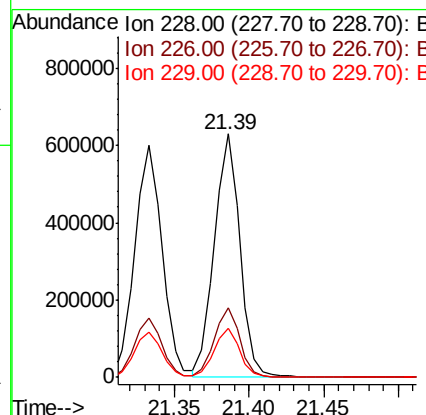
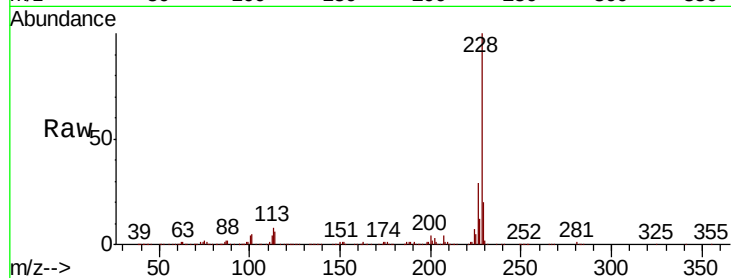
#83
Chrysene
Concen: 41.346 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	20.1	15.5	23.3

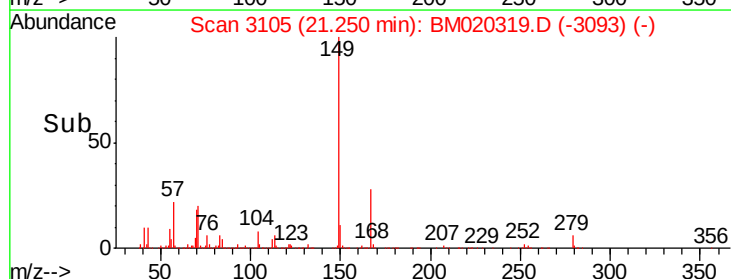
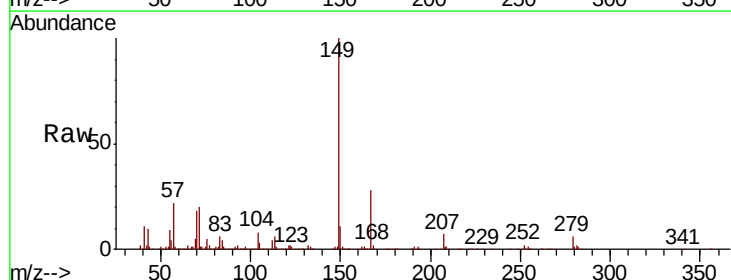
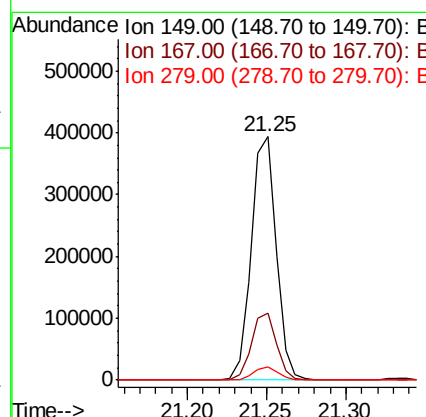
Manual Integrations
APPROVED

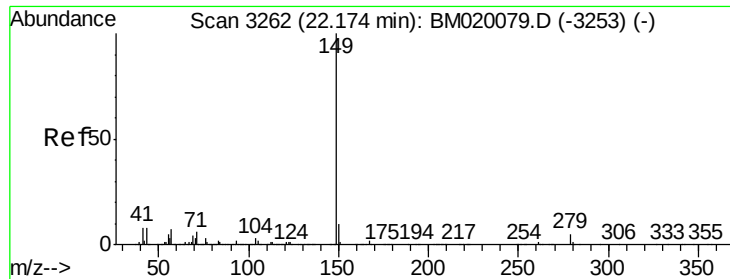
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.440 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	5.5	4.2	6.2





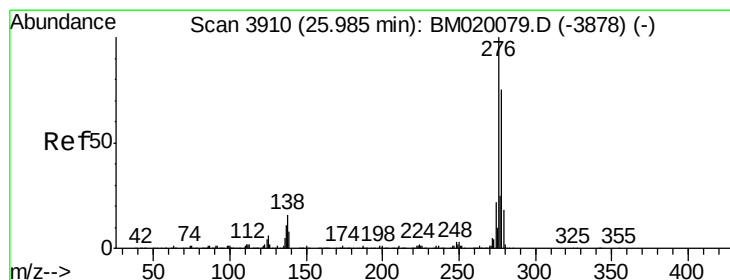
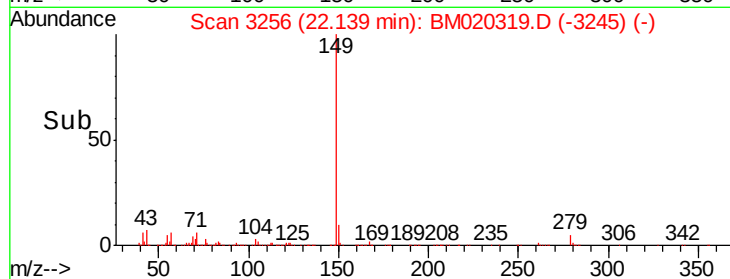
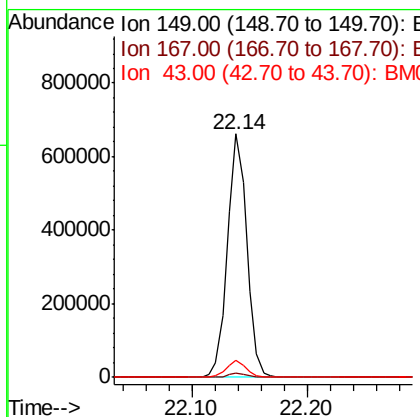
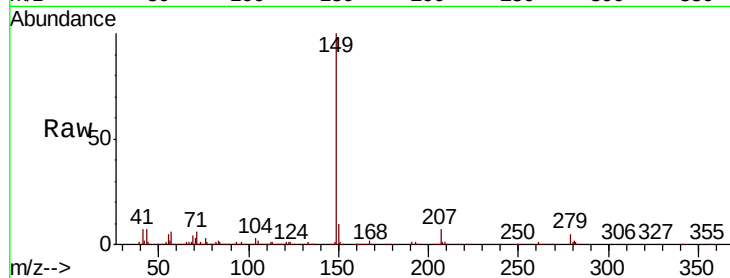
#85
Di-n-octyl phthalate
Concen: 45.717 ng
RT: 22.14 min Scan# 3256
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	1.7	1.3	1.9		
43	6.7	6.5	9.7		

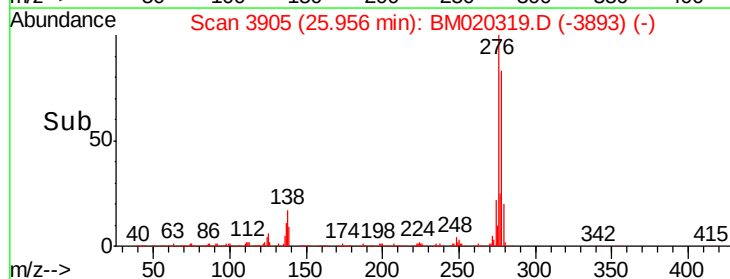
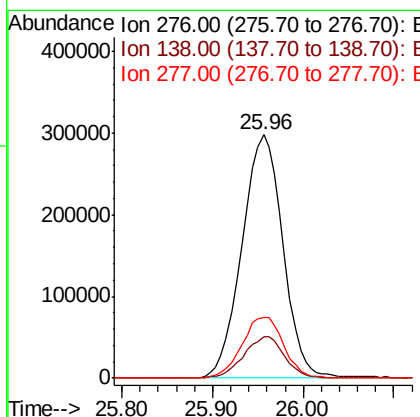
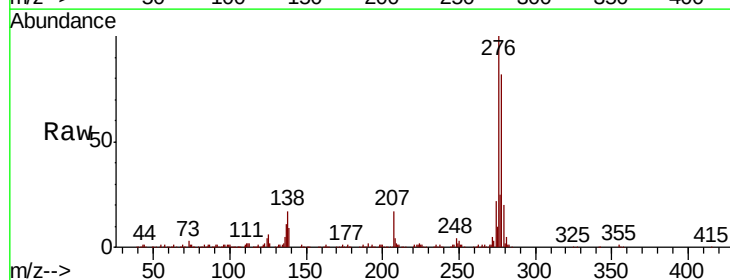
Manual Integrations
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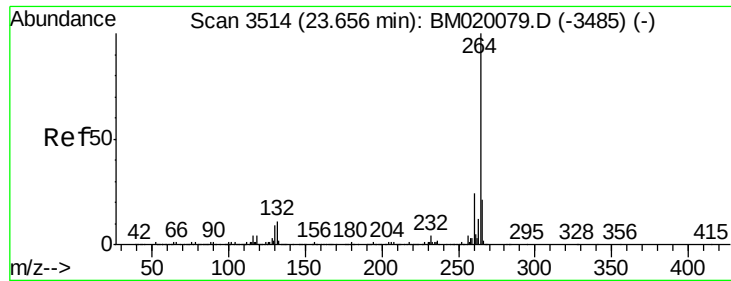
mohammad
5/14/2019 11:11:56 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.353 ng
RT: 25.96 min Scan# 3905
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	16.9	0.0	0.0#		
277	25.4	0.0	0.0#		





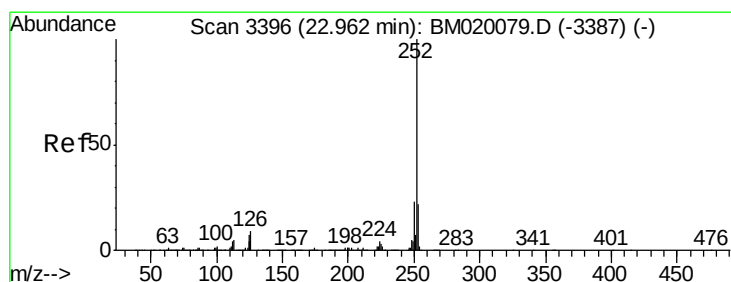
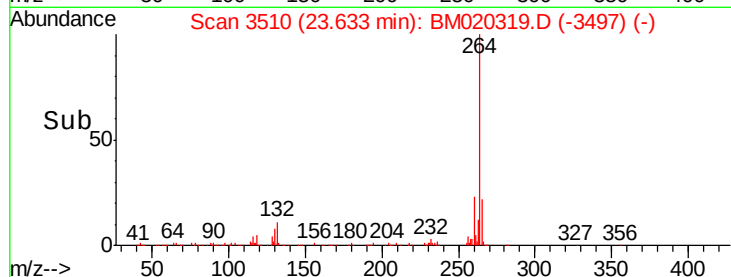
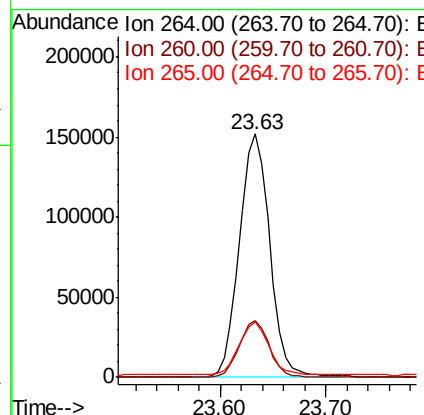
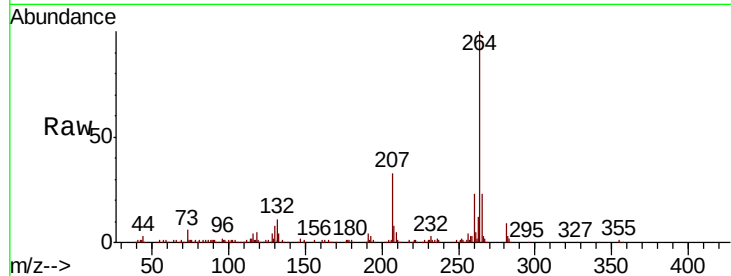
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.9	16.9	25.3

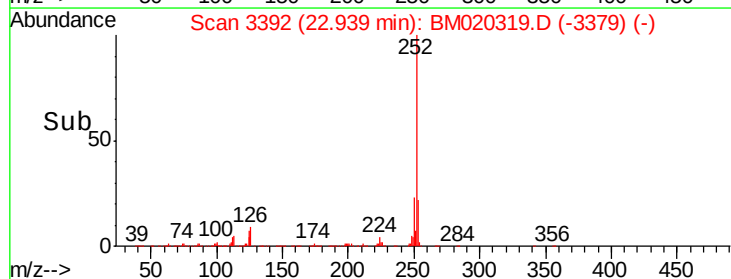
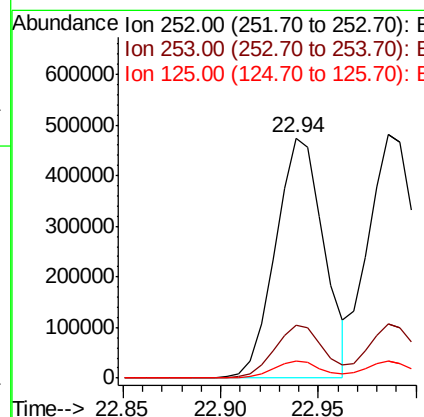
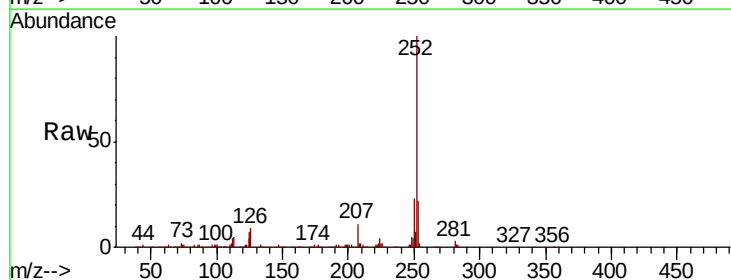
Manual Integrations
APPROVED

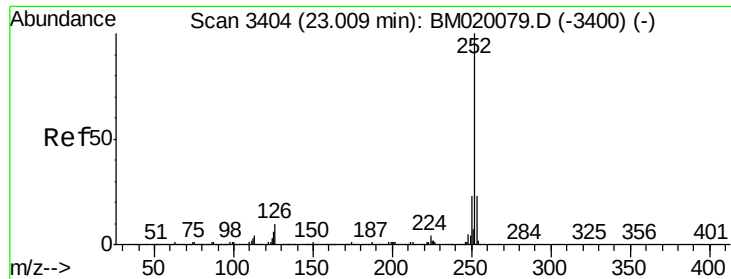
mohammad
5/14/2019 11:11:56 PM



#88
Benzo(b)fluoranthene
Concen: 40.734 ng
RT: 22.94 min Scan# 3392
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	7.0	5.4	8.2





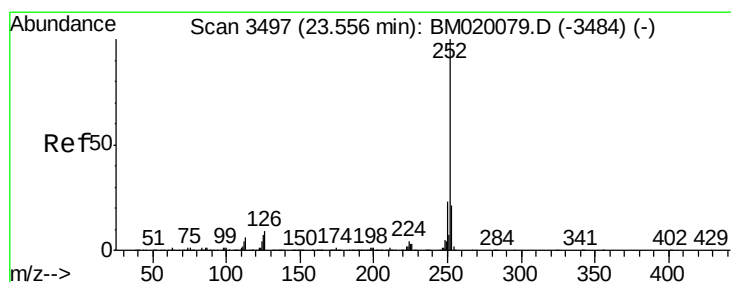
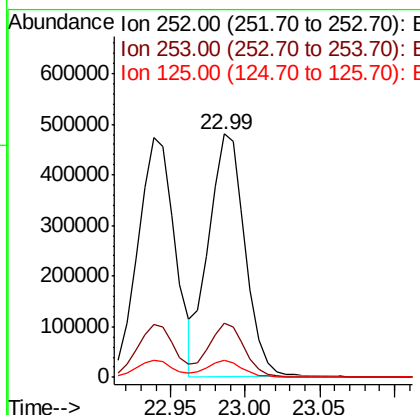
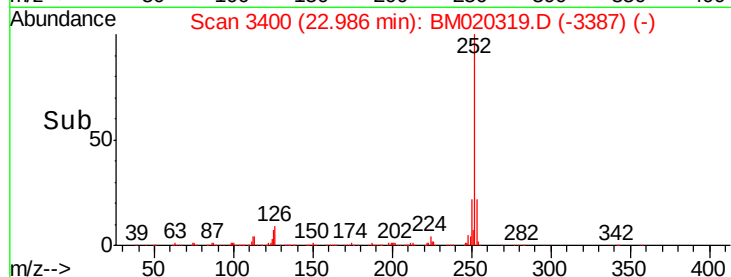
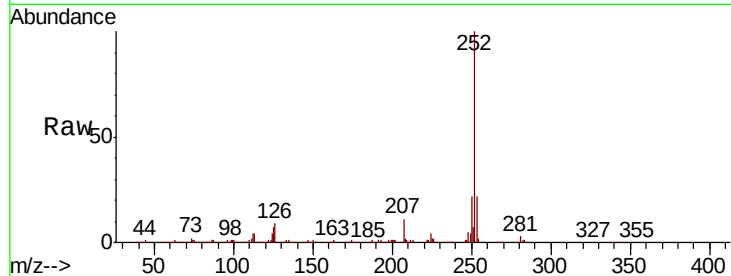
#89
Benzo(k)fluoranthene
Concen: 44.706 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

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

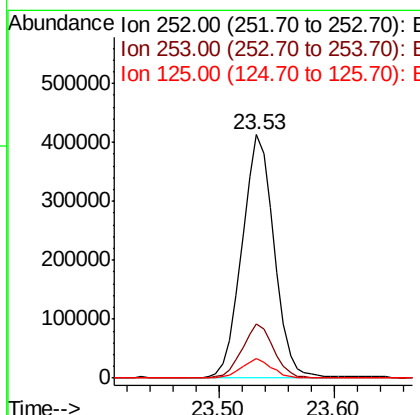
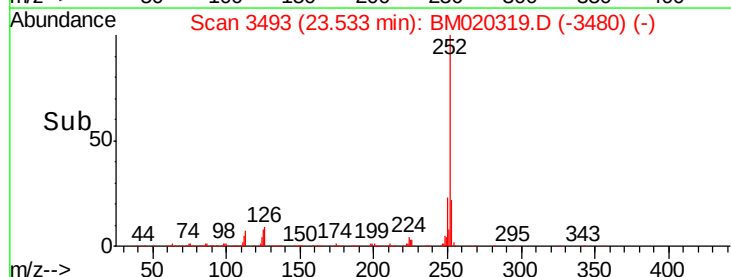
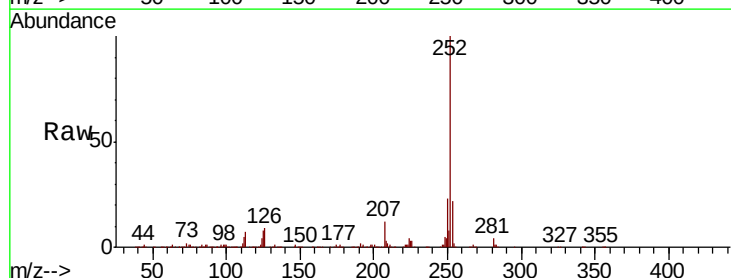
Manual Integrations
APPROVED

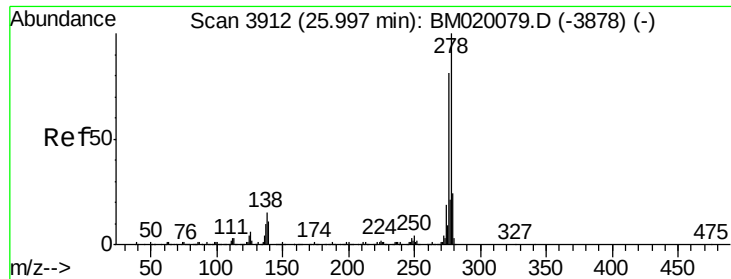
mohammad
5/14/2019 11:11:56 PM



#90
Benzo(a)pyrene
Concen: 43.742 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

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





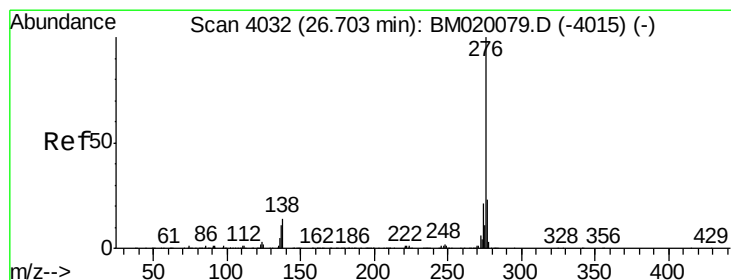
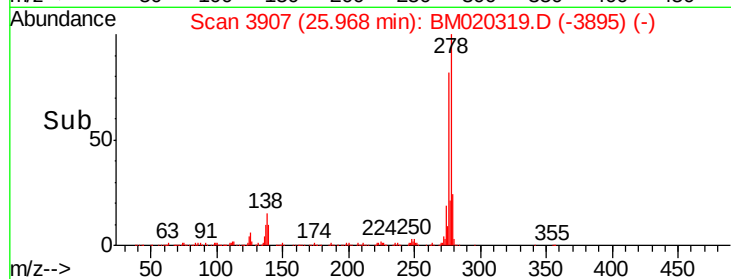
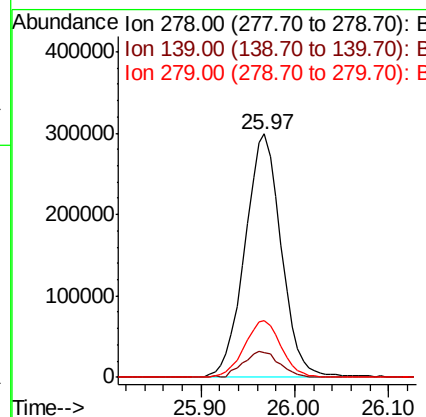
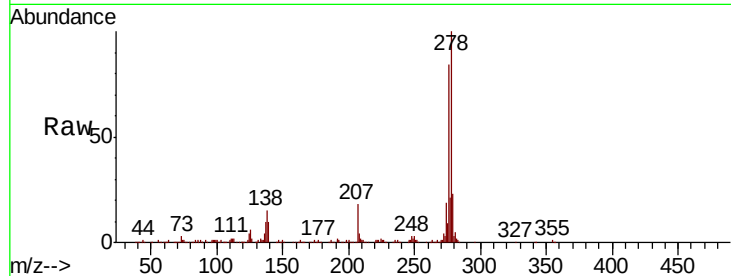
#91
Dibenzo(a,h)anthracene
Concen: 42.418 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.03 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Instrument :
BNA_M
ClientSampleId :
12-B2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.6	13.0
279	23.5	18.8	28.2

Manual Integrations
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mohammad
5/14/2019 11:11:56 PM



#92
Benzo(g,h,i)perylene
Concen: 42.810 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.04 min
Lab File: BM020319.D
Acq: 13 May 2019 16:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	14.5	11.1	16.7

