

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020527.D
 Acq On : 23 May 2019 21:58
 Operator : JU/SJ
 Sample : K2642-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Manual Integrations
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Sohil
 5/24/2019 5:01:41 PM

Quant Time: May 24 03:33:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	56150	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	180584	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	109231	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	275991	20.00	ng	0.00
76) Chrysene-d12	21.28	240	319282	20.00	ng	0.00
87) Perylene-d12	23.52	264	370568	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	386978	112.65	ng	0.00
7) Phenol-d6	6.85	99	470777	100.32	ng	0.00
23) Nitrobenzene-d5	8.84	82	361369	79.00	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	258208	152.29	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	725998	81.78	ng	0.00
79) Terphenyl-d14	19.72	244	1425109	77.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	56774	33.699	ng	# 65
3) Pyridine	3.59	79	116194	26.967	ng	# 88
4) n-Nitrosodimethylamine	3.50	42	38975	28.208	ng	# 49
6) Aniline	7.01	93	60348	10.216	ng	96
8) 2-Chlorophenol	7.23	128	131979	35.286	ng	96
9) Benzaldehyde	6.82	77	76599	21.566	ng	92
10) Phenol	6.87	94	155635	30.807	ng	88
11) bis(2-Chloroethyl)ether	7.10	93	130217	35.463	ng	93
12) 1,3-Dichlorobenzene	7.55	146	136907	31.460	ng	93
13) 1,4-Dichlorobenzene	7.70	146	141096	32.095	ng	95
14) 1,2-Dichlorobenzene	8.02	146	133750	31.934	ng	95
15) Benzyl Alcohol	7.92	79	124478	27.508	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	84153	27.639	ng	93
17) 2-Methylphenol	8.12	107	107509	33.058	ng	94
18) Hexachloroethane	8.73	117	52892	28.855	ng	87
19) n-Nitroso-di-n-propylamine	8.47	70	115727	28.824	ng	# 91
20) 3+4-Methylphenols	8.45	107	135921	31.447	ng	94
22) Acetophenone	8.50	105	203642	41.262	ng	# 95
24) Nitrobenzene	8.88	77	180602	38.081	ng	97
25) Isophorone	9.40	82	295312	37.439	ng	98
26) 2-Nitrophenol	9.59	139	61877	43.217	ng	93
27) 2,4-Dimethylphenol	9.64	122	105254	44.156	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	161847	37.674	ng	99
29) 2,4-Dichlorophenol	10.12	162	125010	41.590	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	152653	41.275	ng	96
31) Naphthalene	10.51	128	356559	38.048	ng	99
32) Benzoic acid	9.77	122	40071m	26.984	ng	
33) 4-Chloroaniline	10.65	127	18116	4.697	ng	# 93
34) Hexachlorobutadiene	10.77	225	105740	40.416	ng	97
35) Caprolactam	11.45	113	25633m	28.520	ng	
36) 4-Chloro-3-methylphenol	11.76	107	123626	35.000	ng	96
37) 2-Methylnaphthalene	12.13	142	266148	38.957	ng	97
38) 1-Methylnaphthalene	12.35	142	254137	38.041	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	195493	45.745	ng	# 97

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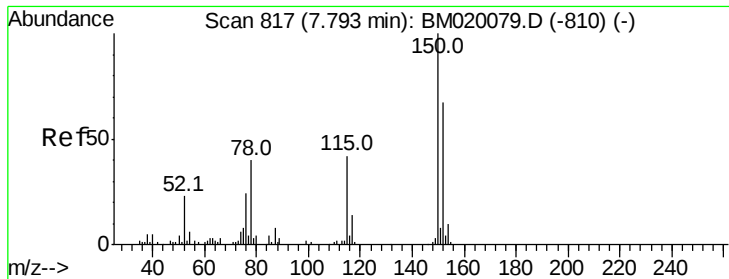
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	155394	61.756	nq	95
43) 2,4,6-Trichlorophenol	12.75	196	114890	47.304	nq	96
44) 2,4,5-Trichlorophenol	12.82	196	119789	44.149	nq	96
46) 1,1'-Biphenyl	13.16	154	360928	40.144	nq	99
47) 2-Chloronaphthalene	13.20	162	289422	40.318	nq	98
48) 2-Nitroaniline	13.42	65	74551	29.171	nq	90
49) Acenaphthylene	14.05	152	430464	37.470	nq	99
50) Dimethylphthalate	13.79	163	365078	39.324	nq	100
51) 2,6-Dinitrotoluene	13.93	165	77452	39.610	nq	87
52) Acenaphthene	14.39	154	256890	38.994	nq	99
53) 3-Nitroaniline	14.26	138	20290	11.180	nq	86
54) 2,4-Dinitrophenol	14.47	184	73987	76.013	nq	92
55) Dibenzofuran	14.73	168	455020	40.947	nq	97
56) 4-Nitrophenol	14.57	139	94068	60.751	nq	90
57) 2,4-Dinitrotoluene	14.72	165	106877	40.225	nq	94
58) Fluorene	15.38	166	359644	39.407	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.96	232	118870	46.102	nq	93
60) Diethylphthalate	15.16	149	345166	36.903	nq	98
61) 4-Chlorophenyl-phenylether	15.37	204	223413	43.205	nq	91
62) 4-Nitroaniline	15.43	138	51502m	25.715	nq	
63) Azobenzene	15.67	77	381277	34.554	nq	96
65) 4,6-Dinitro-2-methylphenol	15.49	198	53292	39.721	nq	90
66) n-Nitrosodiphenylamine	15.60	169	309822	38.150	nq	99
67) 4-Bromophenyl-phenylether	16.27	248	142374	42.068	nq	# 89
68) Hexachlorobenzene	16.37	284	167134	42.915	nq	96
69) Atrazine	16.55	200	112800	35.542	nq	96
70) Pentachlorophenol	16.73	266	188619	84.647	nq	98
71) Phenanthrene	17.12	178	603696	39.626	nq	99
72) Anthracene	17.22	178	595318	39.083	nq	99
73) Carbazole	17.49	167	502535	36.563	nq	98
74) Di-n-butylphthalate	18.04	149	566755	34.265	nq	98
75) Fluoranthene	19.14	202	780939	40.513	nq	99
77) Benzidine	19.36	184	1819	0.178	nq	# 66
78) Pyrene	19.51	202	803466	37.482	nq	99
80) Butylbenzylphthalate	20.41	149	246647	31.640	nq	99
81) Benzo(a)anthracene	21.26	228	837010	37.381	nq	100
82) 3,3'-Dichlorobenzidine	21.20	252	129622	15.168	nq	# 99
83) Chrysene	21.32	228	842147	38.781	nq	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	378315	31.275	nq	# 98
85) Di-n-octyl phthalate	22.06	149	695439	34.591	nq	# 96
86) Indeno(1,2,3-cd)pyrene	25.80	276	1118505	43.302	nq	# 100
88) Benzo(b)fluoranthene	22.84	252	953513	38.966	nq	99
89) Benzo(k)fluoranthene	22.89	252	891013	39.917	nq	99
90) Benzo(a)pyrene	23.43	252	897130	40.362	nq	98
91) Dibenzo(a,h)anthracene	25.81	278	968801	41.912	nq	98
92) Benzo(g,h,i)perylene	26.50	276	945089	43.065	nq	# 97

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



#1

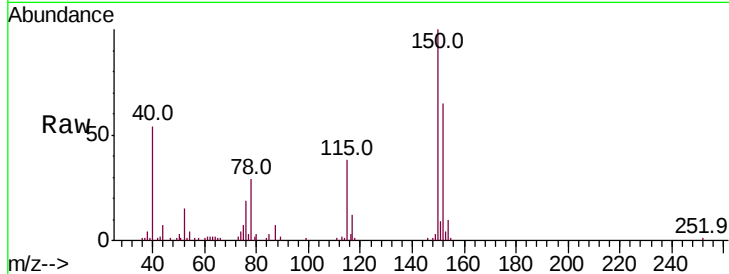
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

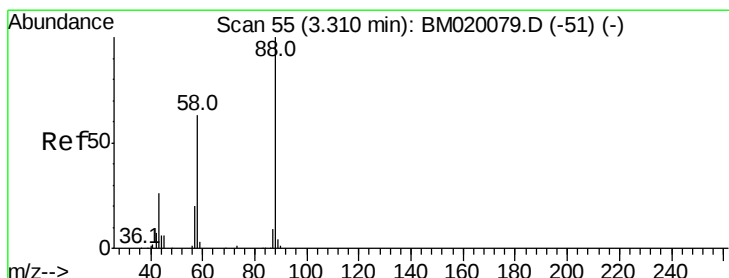
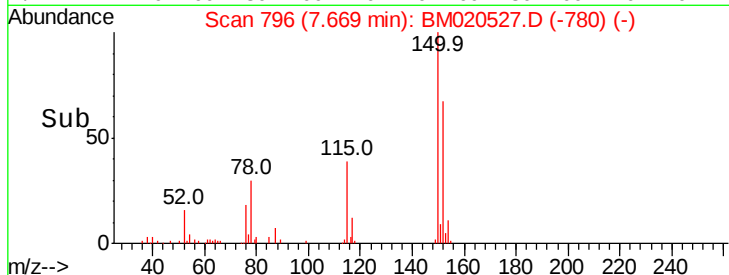
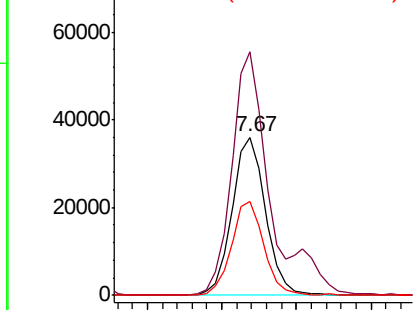
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.8	179.8
115	59.0	50.8	76.2

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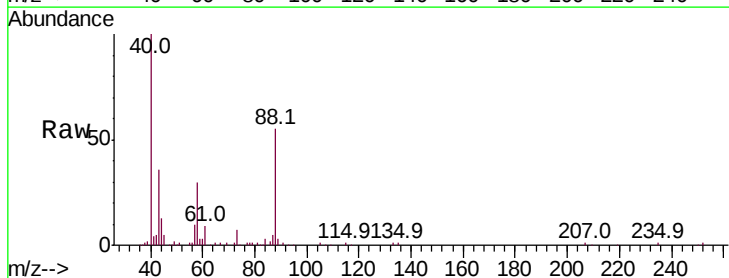
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



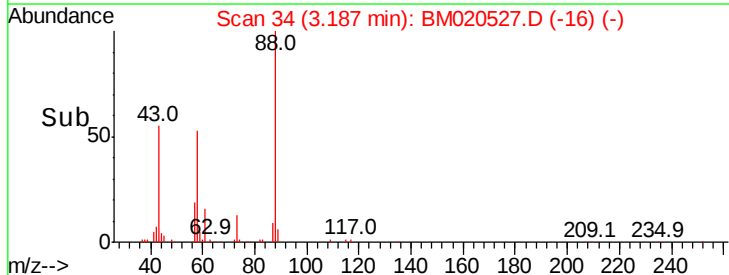
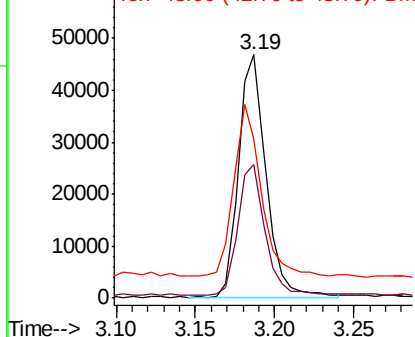
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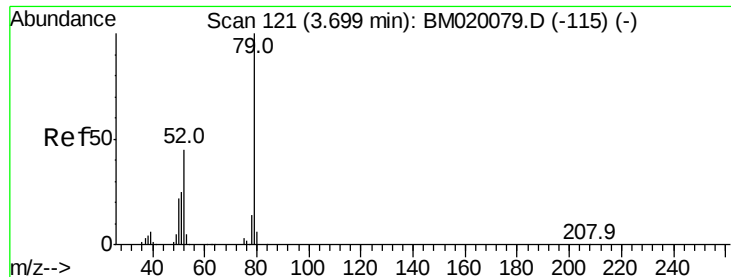
1,4-Dioxane
Concen: 33.699 ng
RT: 3.19 min Scan# 34
Delta R.T. 0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.6	51.8	77.6
43	69.7	20.3	30.5#



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





#3

Pvridine

Concen: 26.967 ng

RT: 3.59 min Scan# 103

Delta R.T. 0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

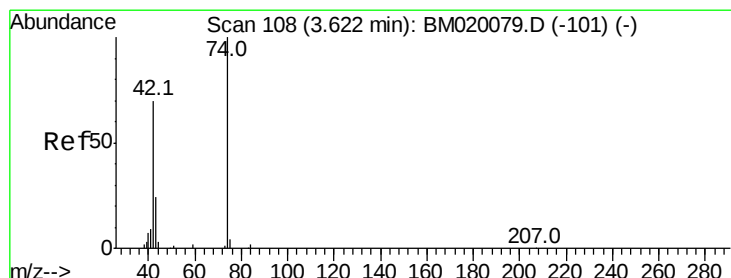
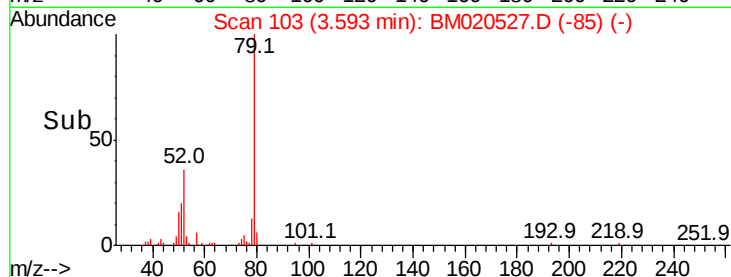
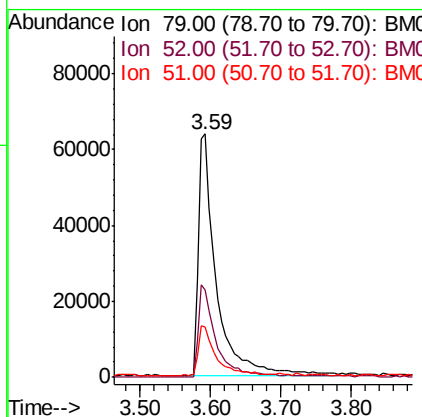
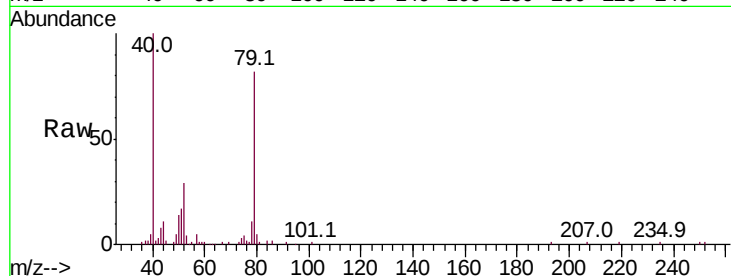
ClientSampleId :

OK-01-052119MSD

Tot Ion:	79	Resp:	116194
Ion Ratio	Lower	Upper	
79	100		
52	35.7	35.7	53.5#
51	20.8	20.8	31.2#

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#4

n-Nitrosodimethylamine

Concen: 28.208 ng

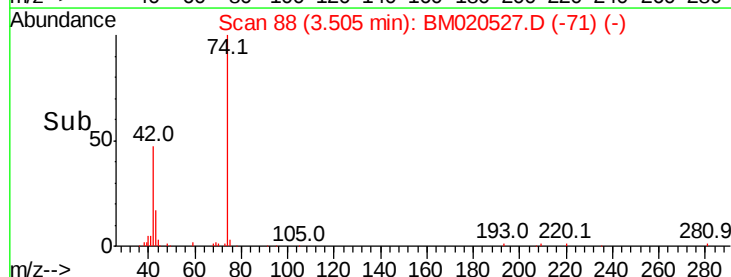
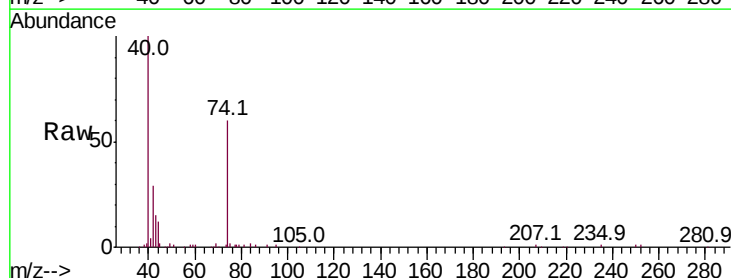
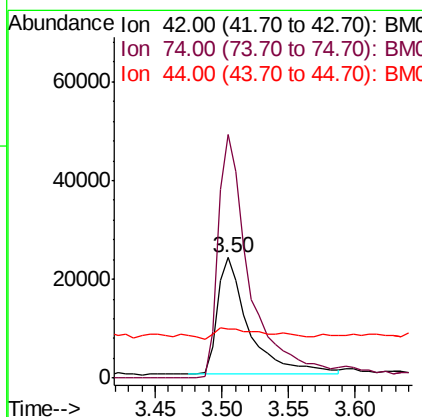
RT: 3.50 min Scan# 88

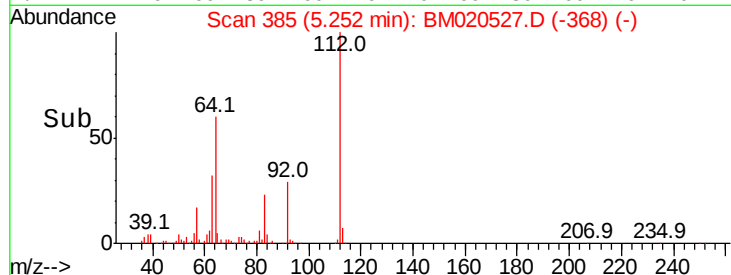
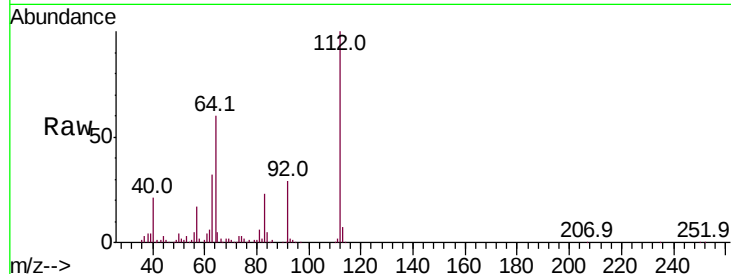
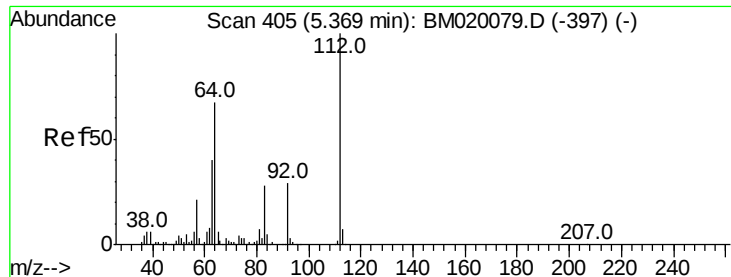
Delta R.T. 0.00 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	42	Resp:	38975
Ion Ratio	Lower	Upper	
42	100		
74	201.8	113.7	170.5#
44	40.6	3.9	5.9#





#5

2-Fluorophenol

Concen: 112.654 ng

RT: 5.25 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

ClientSampleId :

OK-01-052119MSD

Tot Ion:112 Resp: 386978

Ion Ratio Lower Upper

112 100

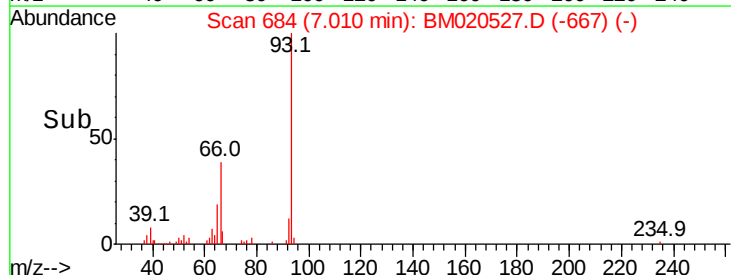
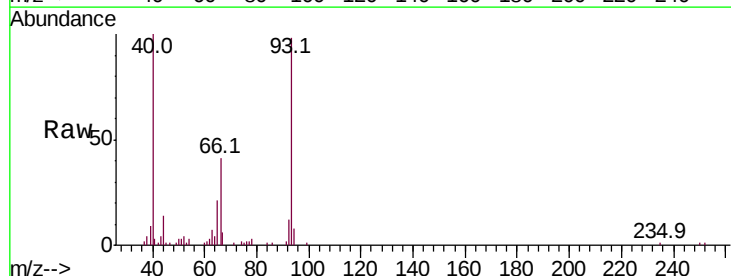
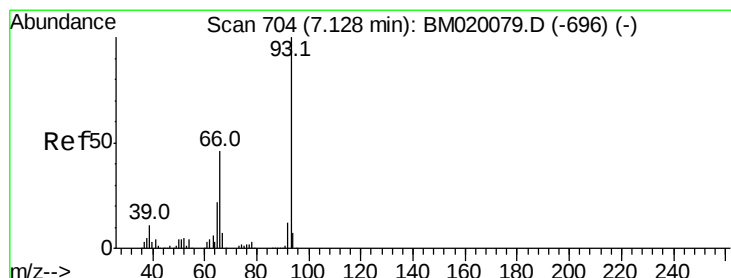
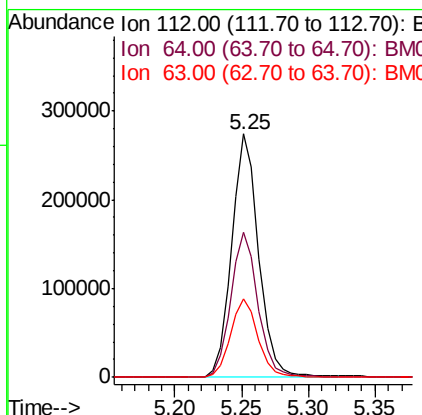
64 59.7 53.8 80.6

63 32.0 32.3 48.5#

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#6

Aniline

Concen: 10.216 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

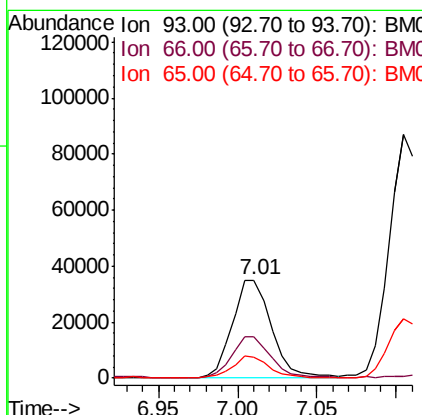
Tgt Ion: 93 Resp: 60348

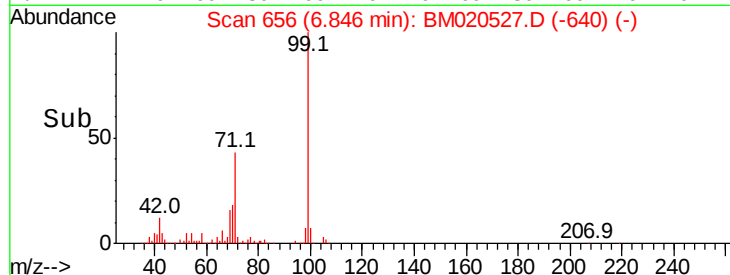
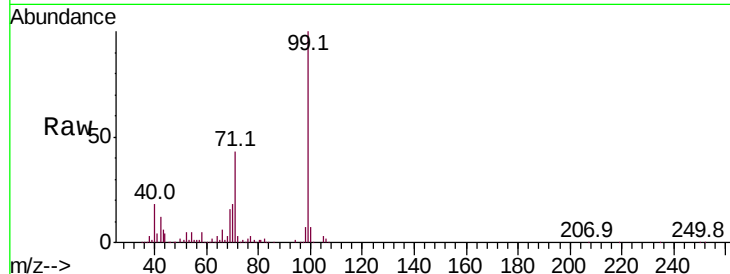
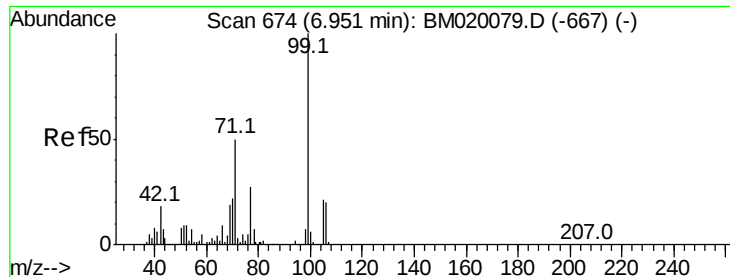
Ion Ratio Lower Upper

93 100

66 42.0 36.6 54.8

65 21.4 17.8 26.6





#7

Phenol-d6

Concen: 100.318 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tot Ion:	99	Resp:	470777
Ion Ratio	Lower	Upper	
99	100		
42	12.3	14.2	21.2#
71	43.2	40.3	60.5

Instrument :

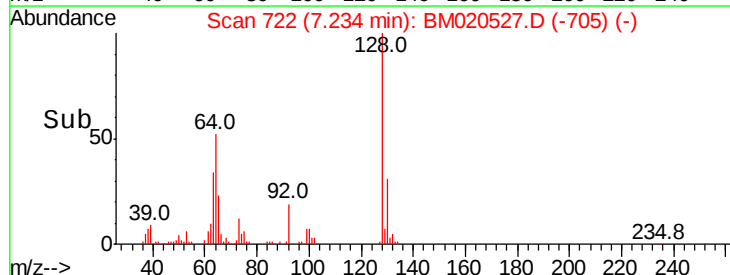
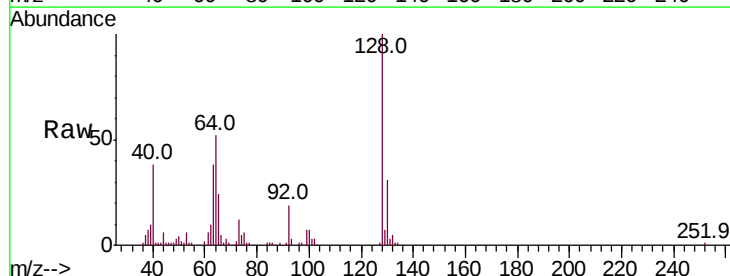
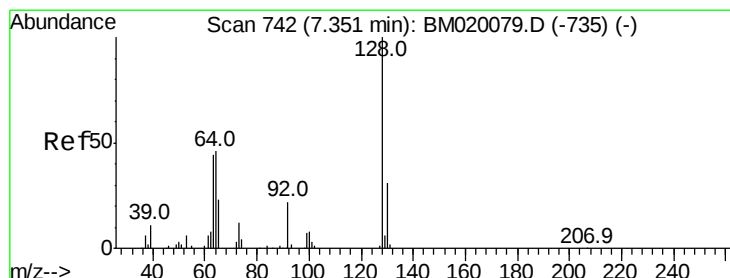
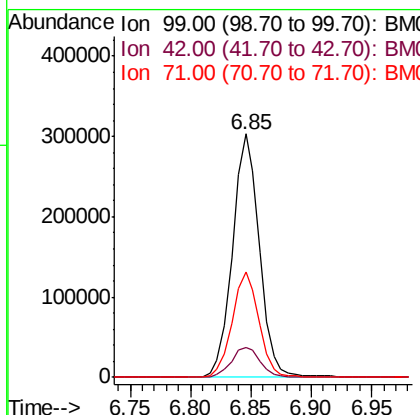
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#8

2-Chlorophenol

Concen: 35.286 ng

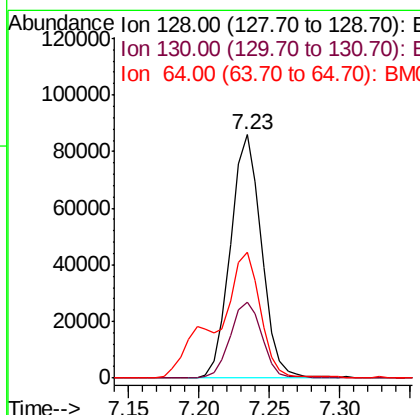
RT: 7.23 min Scan# 722

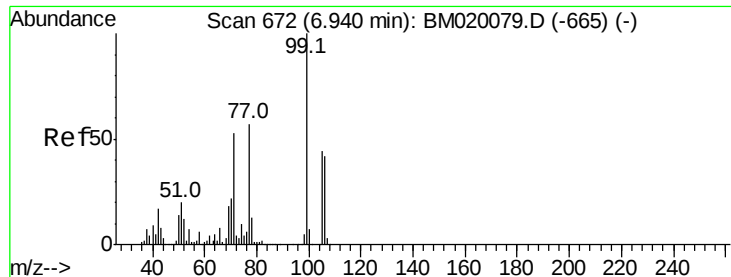
Delta R.T. 0.00 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	128	Resp:	131979
Ion Ratio	Lower	Upper	
128	100		
130	30.9	10.8	50.8
64	51.8	36.5	76.5





#9

Benzaldehyde

Concen: 21.566 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

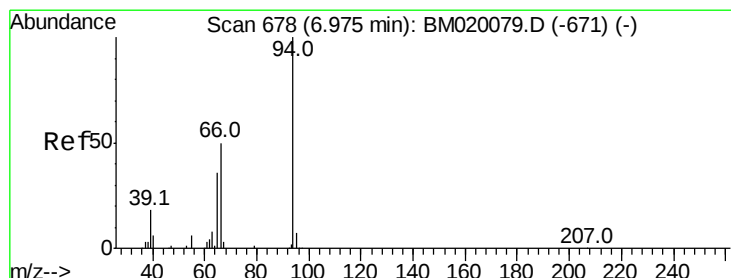
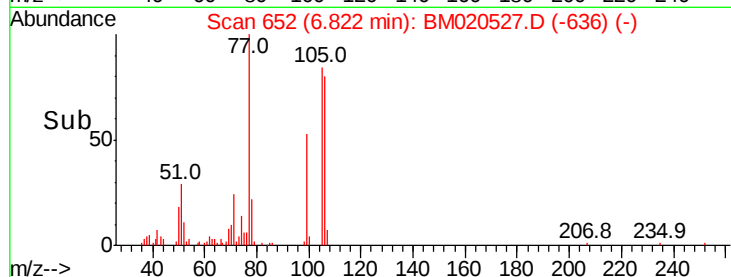
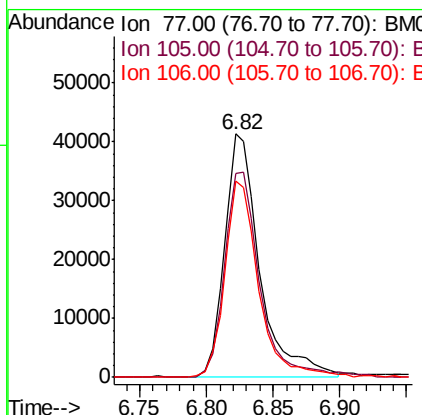
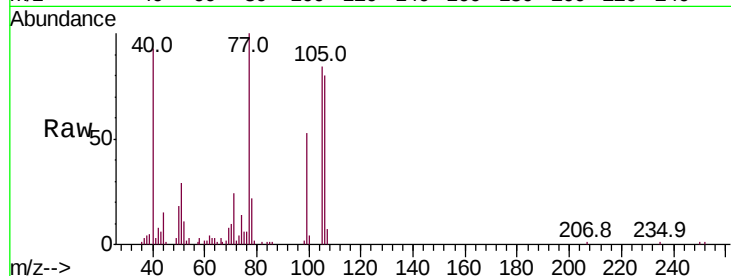
ClientSampleId :

OK-01-052119MSD

Tot Ion:	77	Resp:	76599
Ion Ratio	Lower	Upper	
77	100		
105	83.9	57.8	97.8
106	80.4	53.6	93.6

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#10

Phenol

Concen: 30.807 ng

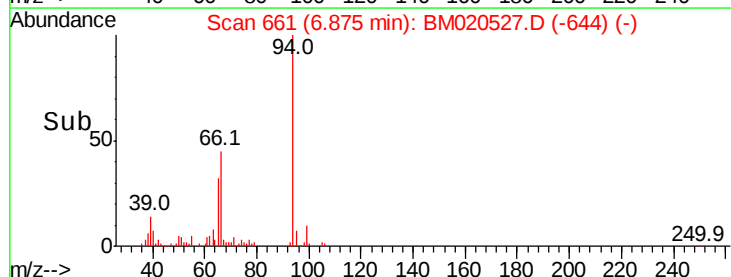
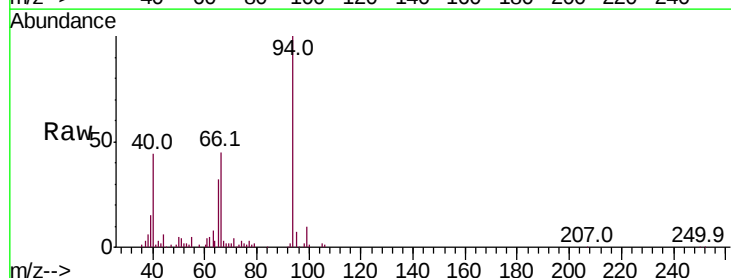
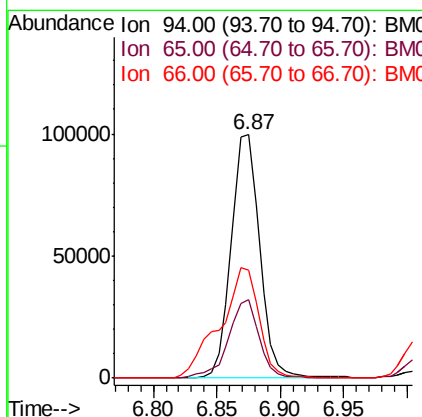
RT: 6.87 min Scan# 661

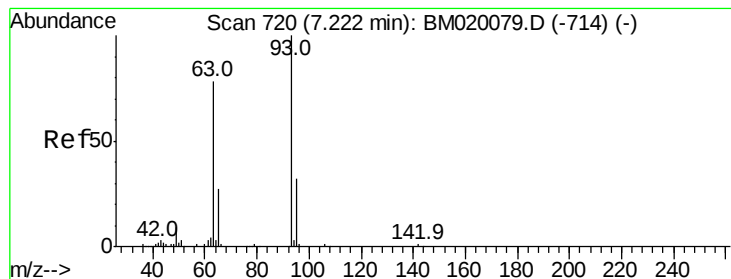
Delta R.T. 0.00 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	94	Resp:	155635
Ion Ratio	Lower	Upper	
94	100		
65	32.0	17.0	57.0
66	44.5	34.5	74.5





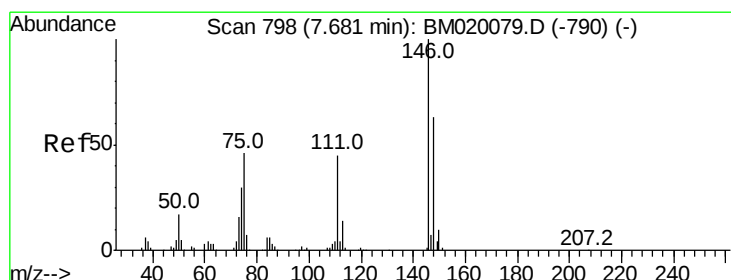
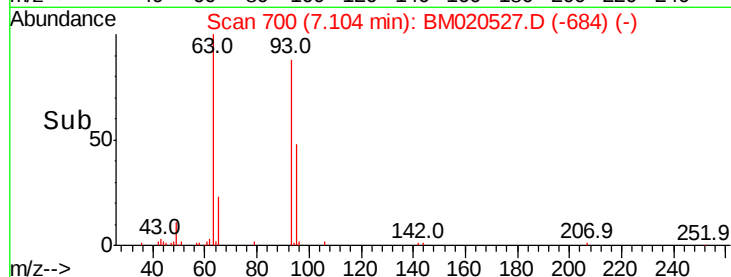
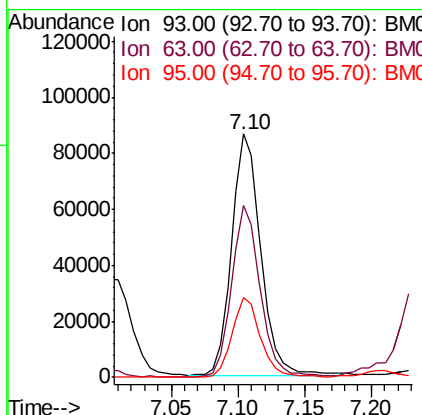
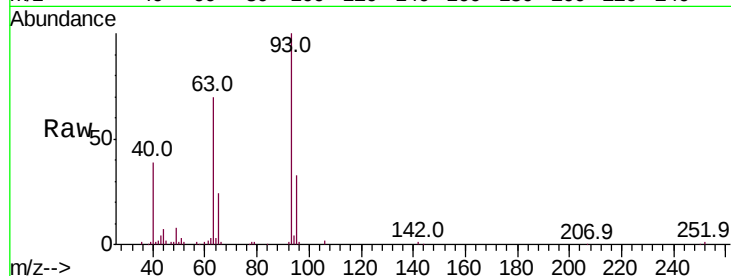
#11
bis(2-Chloroethyl)ether
Concen: 35.463 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	130217		
63	70.4	57.9	97.9	
95	32.7	11.3	51.3	

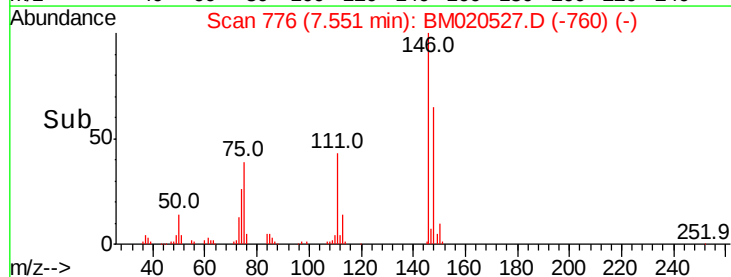
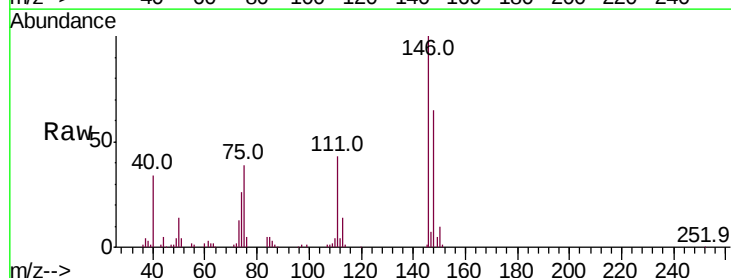
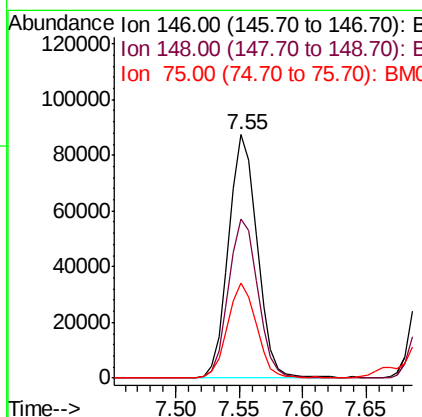
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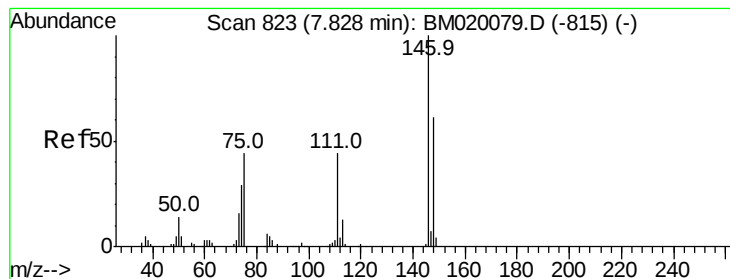
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#12
1,3-Dichlorobenzene
Concen: 31.460 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	136907		
148	65.2	50.1	75.1	
75	39.1	37.2	55.8	





#13

1,4-Dichlorobenzene

Concen: 32.095 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

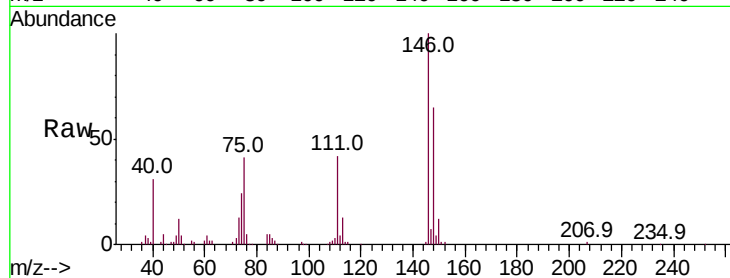
ClientSampleId :

OK-01-052119MSD

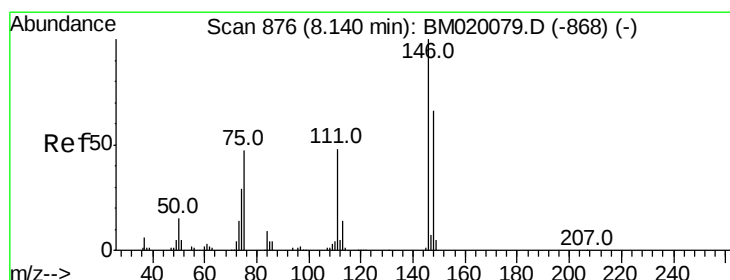
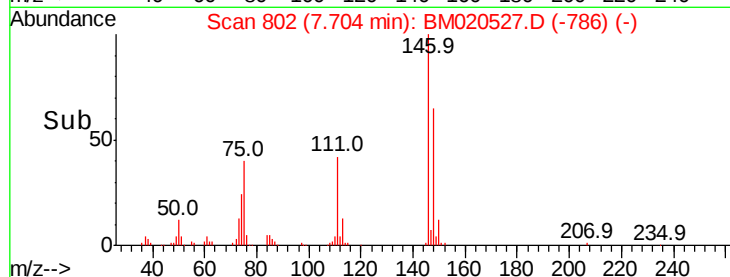
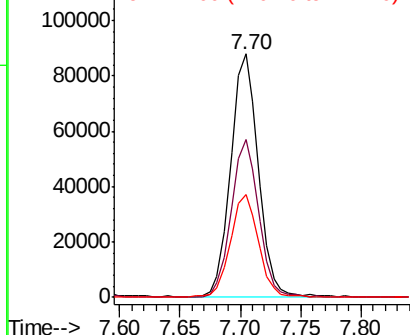
Tot Ion:	146	Resp:	141096
Ion Ratio	Lower	Upper	
146	100		
148	64.6	48.5	72.7
111	42.0	35.7	53.5

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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: 31.934 ng

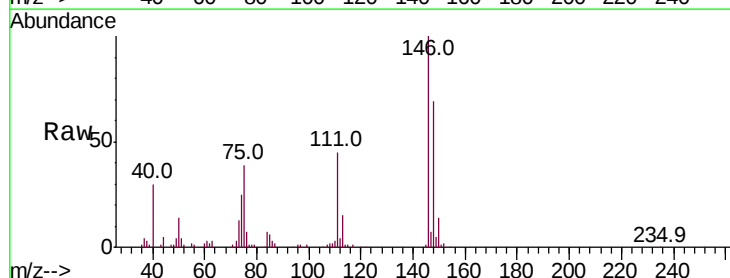
RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

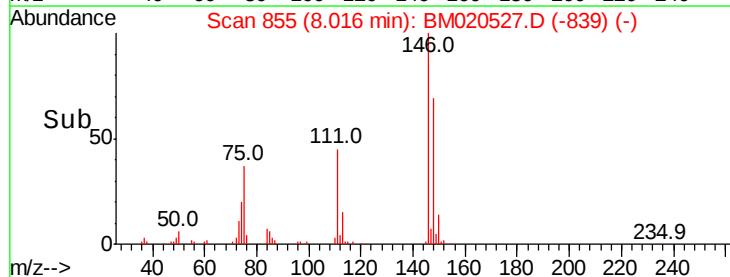
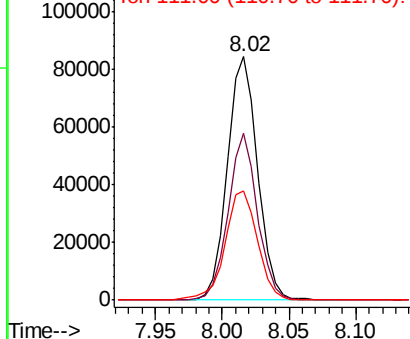
Lab File: BM020527.D

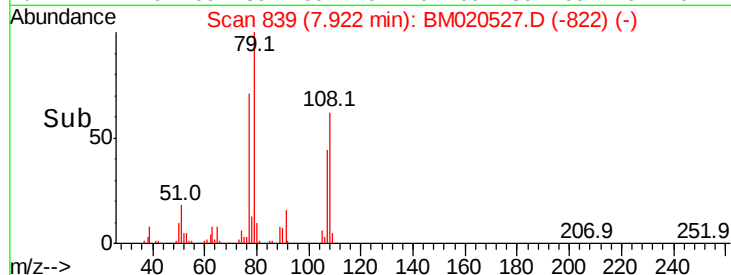
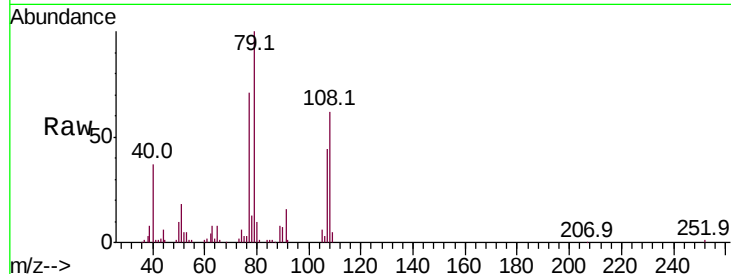
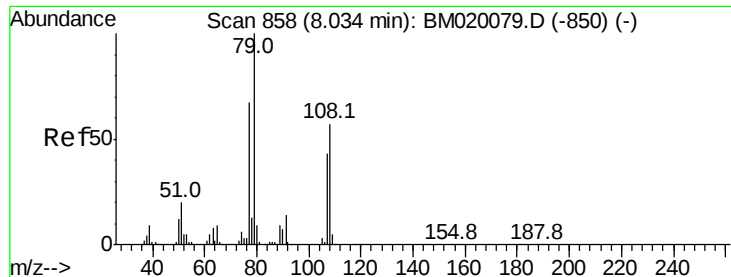
Acq: 23 May 2019 21:58

Tgt Ion:	146	Resp:	133750
Ion Ratio	Lower	Upper	
146	100		
148	68.7	52.6	79.0
111	44.8	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





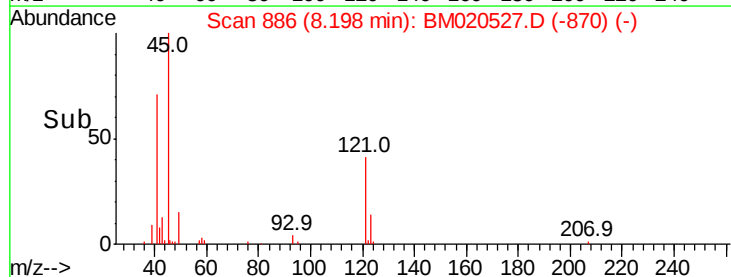
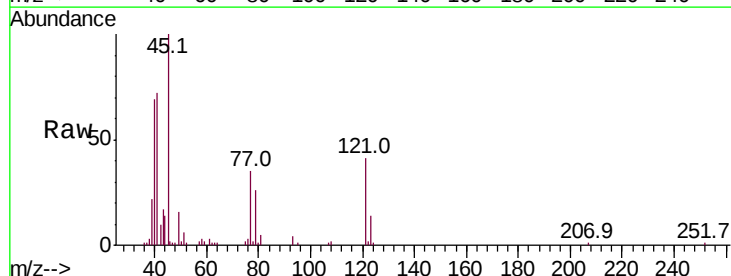
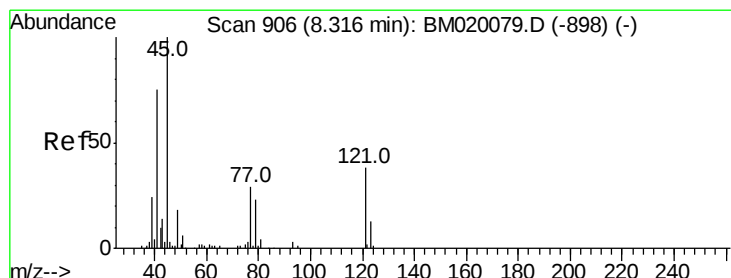
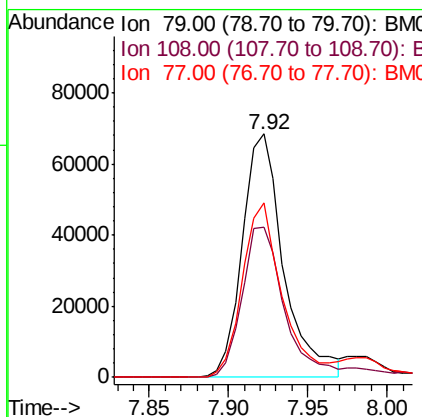
#15
Benzyl Alcohol
Concen: 27.508 ng
RT: 7.92 min Scan# 839
Delta R.T. 0.00 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tot Ion:	79	Resp:	124478
Ion Ratio	Lower	Upper	
79	100		
108	61.7	46.0	69.0
77	71.5	53.8	80.6

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

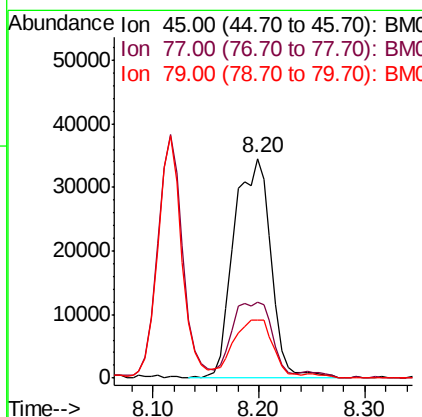
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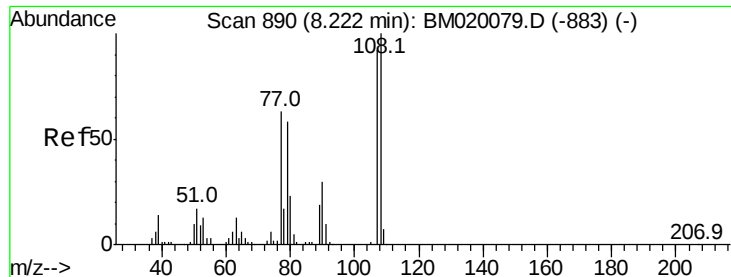
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.639 ng
RT: 8.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion:	45	Resp:	84153
Ion Ratio	Lower	Upper	
45	100		
77	34.5	10.5	50.5
79	26.4	3.3	43.3





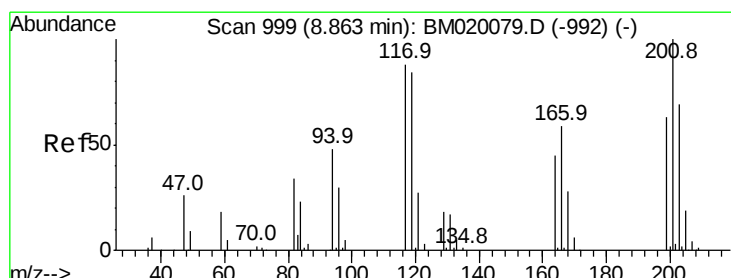
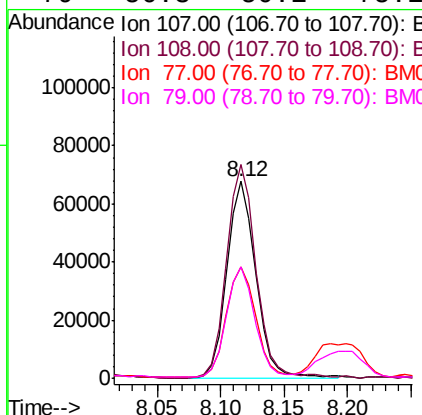
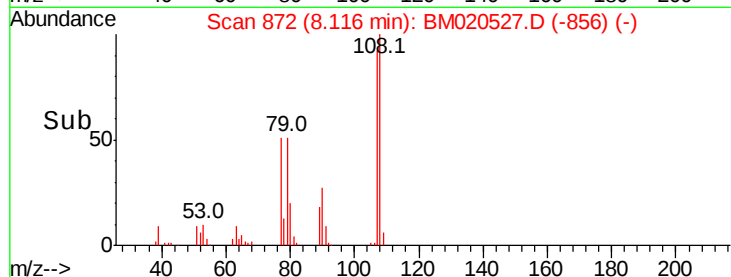
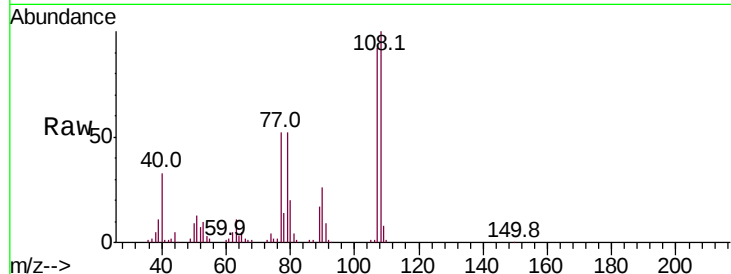
#17
2-Methylphenol
Concen: 33.058 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	87.0	130.4	
77	56.5	54.7	82.1	
79	56.3	50.1	75.1	

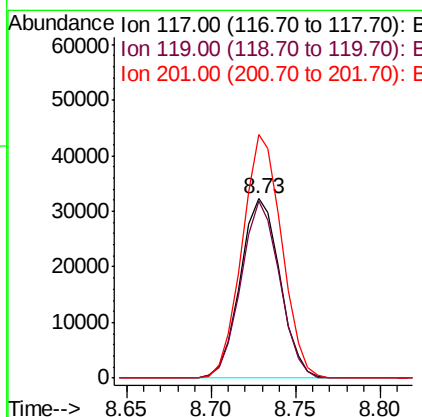
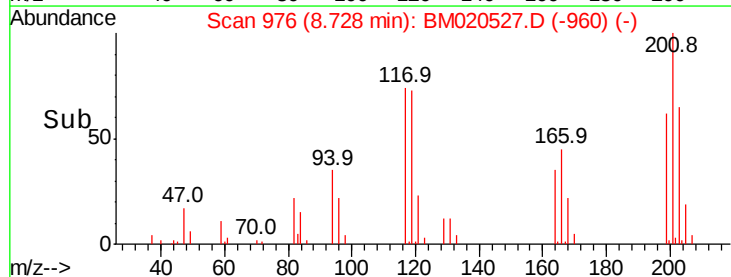
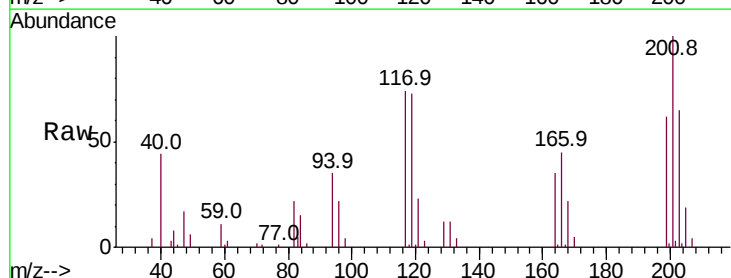
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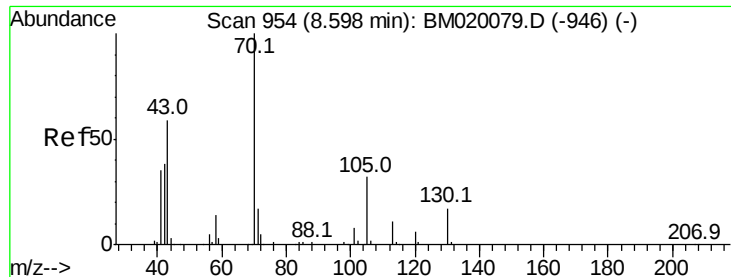
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#18
Hexachloroethane
Concen: 28.855 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	76.6	114.8	
201	135.7	90.7	136.1	





#19

n-Nitroso-di-n-propylamine

Concen: 28.824 ng

RT: 8.47 min Scan# 933

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

ClientSampleId :

OK-01-052119MSD

Tot Ion: 70 Resp: 115727

Ion Ratio Lower Upper

70 100

42 30.7 31.0 46.4#

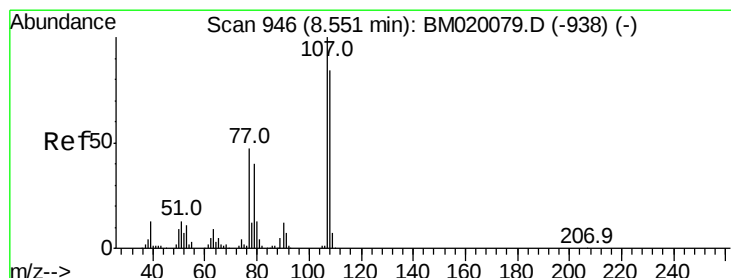
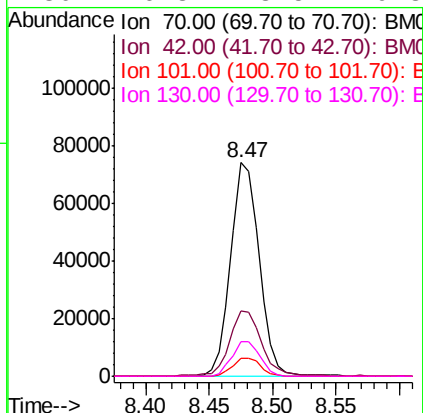
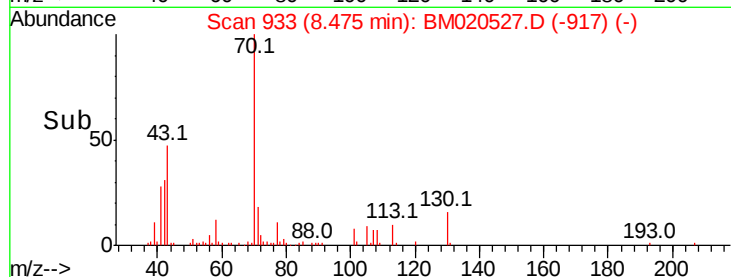
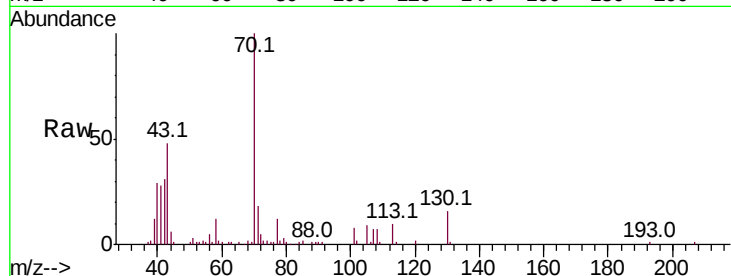
101 8.1 6.2 9.2

130 16.3 13.5 20.3

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#20

3+4-Methylphenols

Concen: 31.447 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion: 107 Resp: 135921

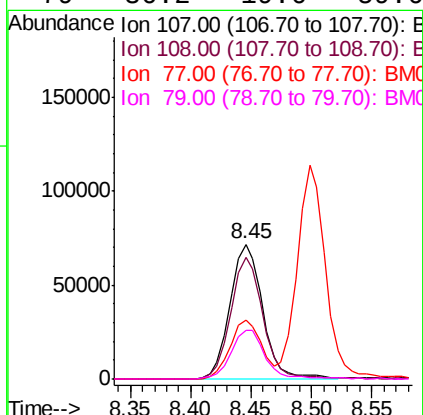
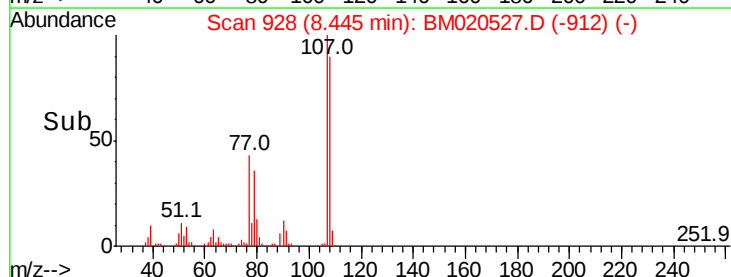
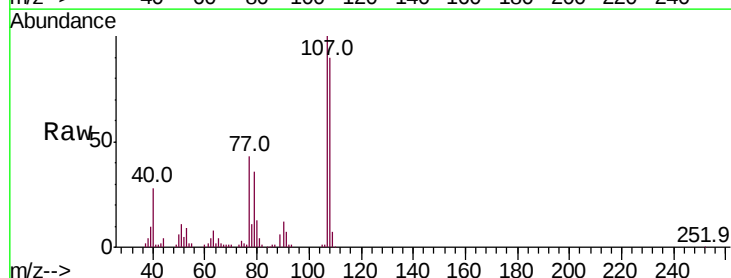
Ion Ratio Lower Upper

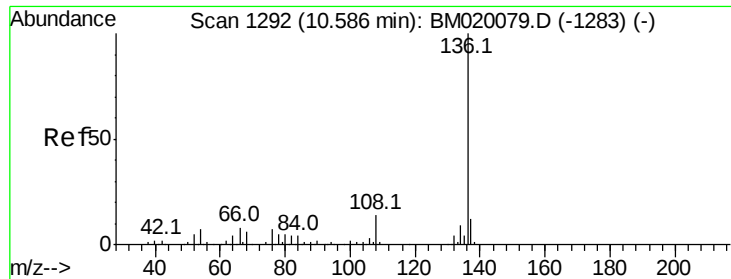
107 100

108 90.2 64.4 104.4

77 43.3 27.2 67.2

79 36.2 19.6 59.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

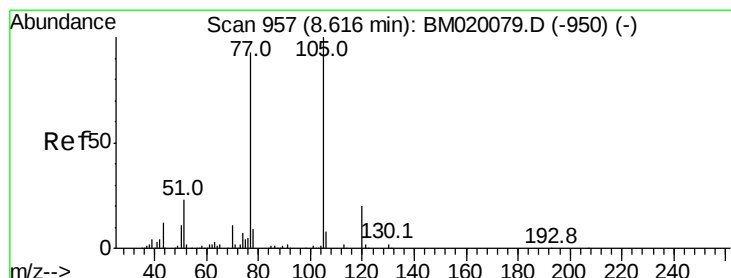
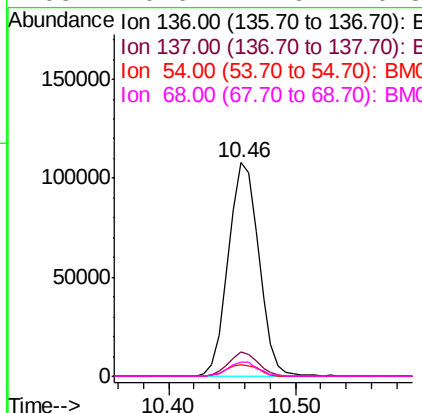
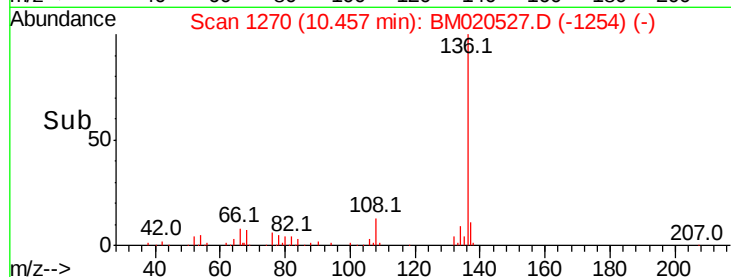
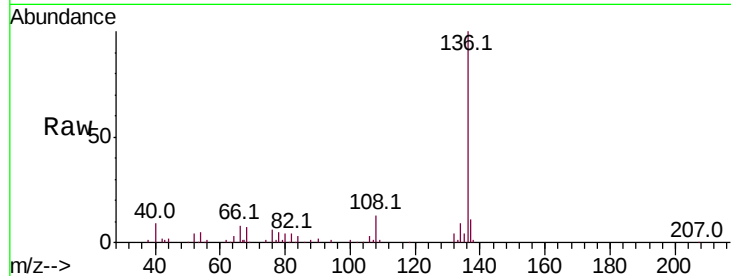
ClientSampleId :

OK-01-052119MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.6	14.4	
54	5.3	5.5	8.3#	
68	6.6	4.6	6.8	

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#22

Acetophenone

Concen: 41.262 ng

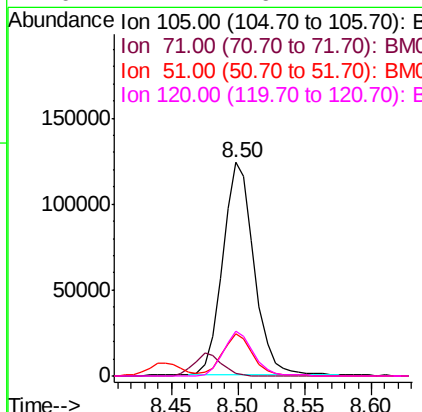
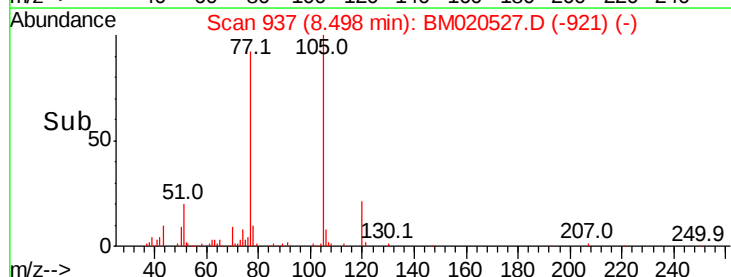
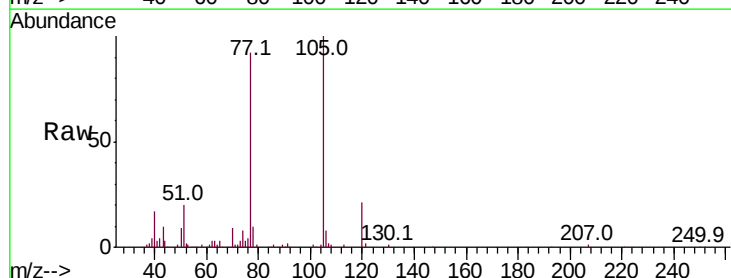
RT: 8.50 min Scan# 937

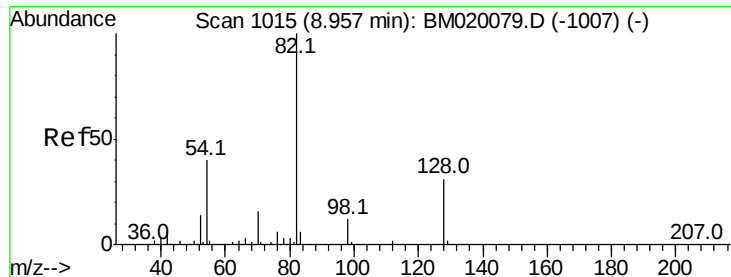
Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	2.2	3.2#	
51	19.8	19.3	28.9	
120	21.1	16.2	24.4	





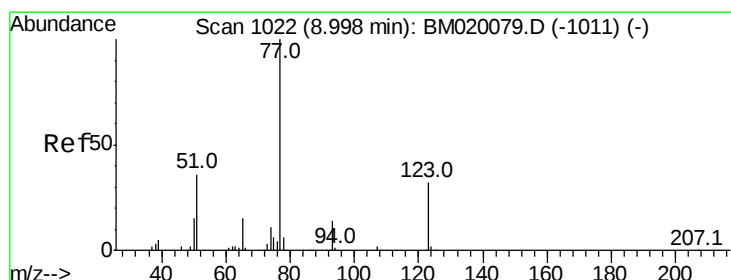
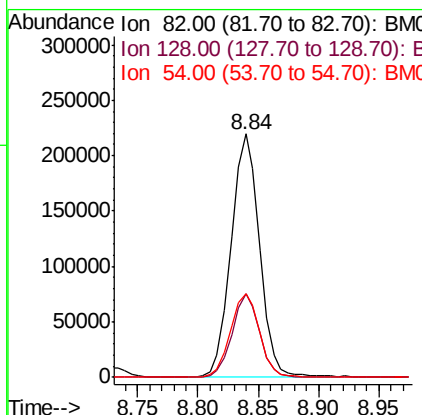
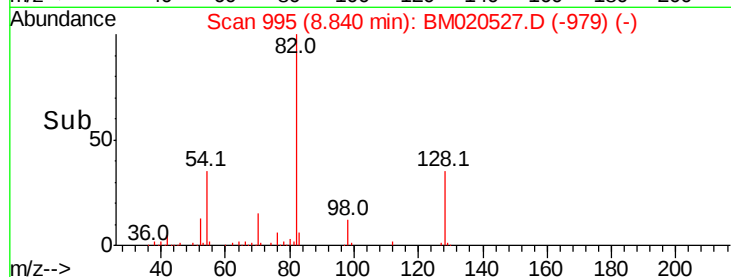
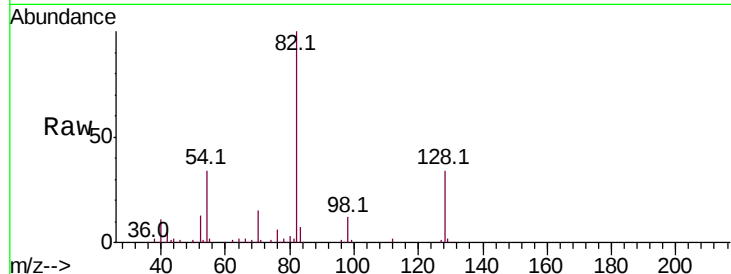
#23
 Nitrobenzene-d5
 Concen: 79.004 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	25.2	37.8
54	34.4	31.9	47.9

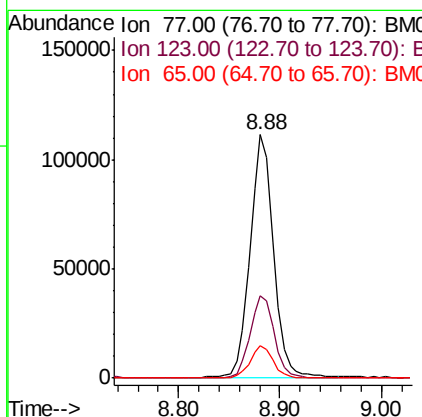
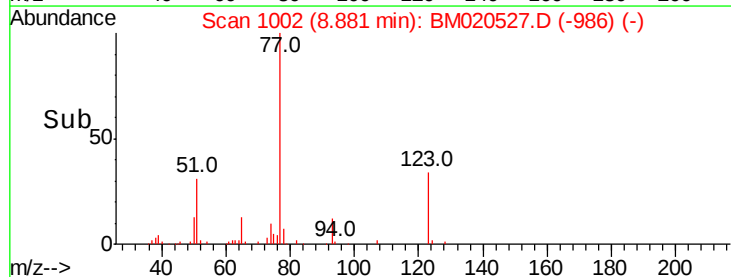
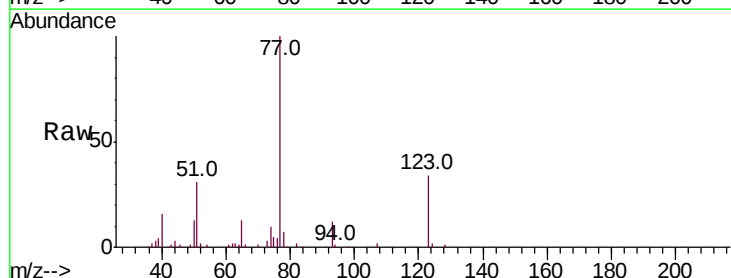
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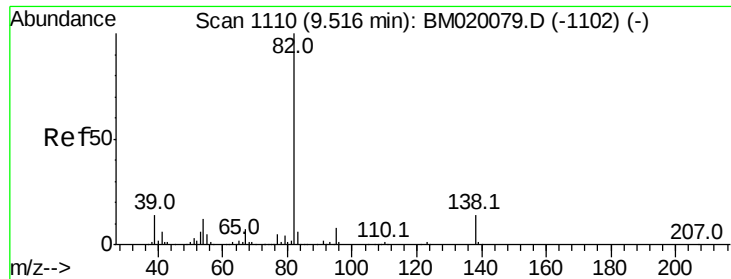
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#24
 Nitrobenzene
 Concen: 38.081 ng
 RT: 8.88 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.7	25.5	38.3
65	13.4	11.8	17.6





#25

Isophorone

Concen: 37.439 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

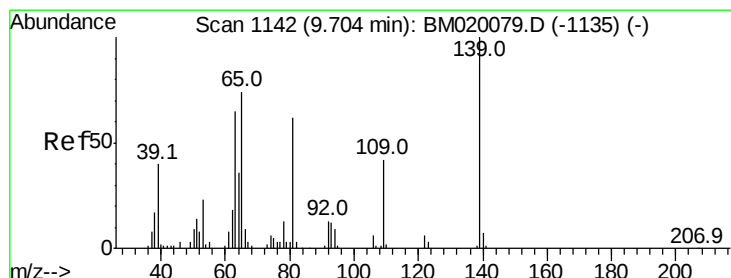
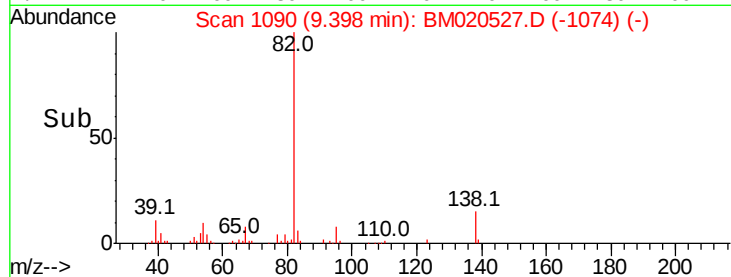
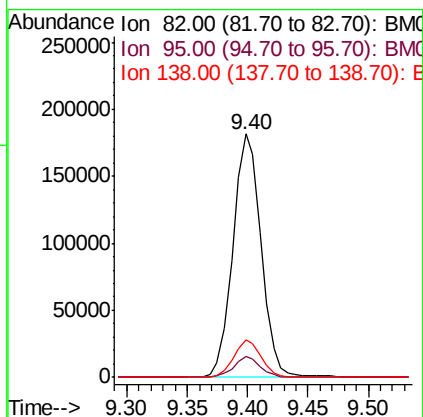
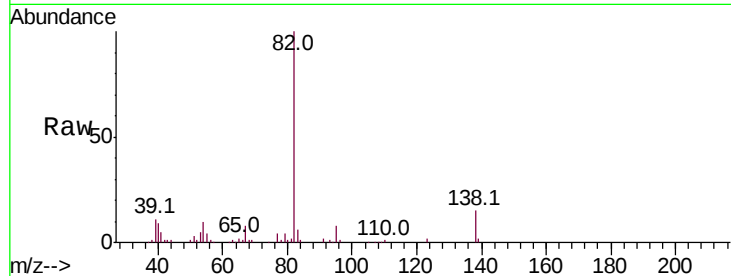
ClientSampleId :

OK-01-052119MSD

Tot Ion:	82	Resp:	295312
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.4	9.6
138	15.2	11.1	16.7

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#26

2-Nitrophenol

Concen: 43.217 ng

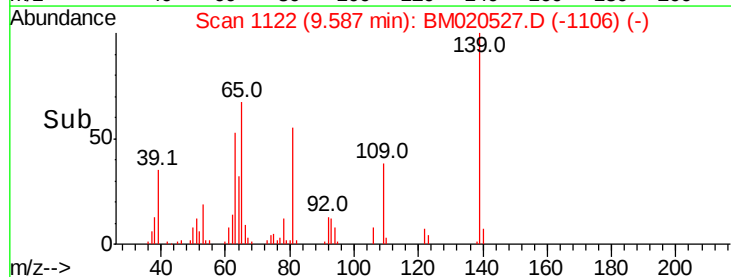
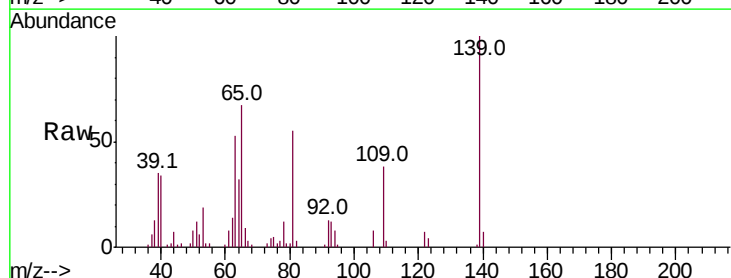
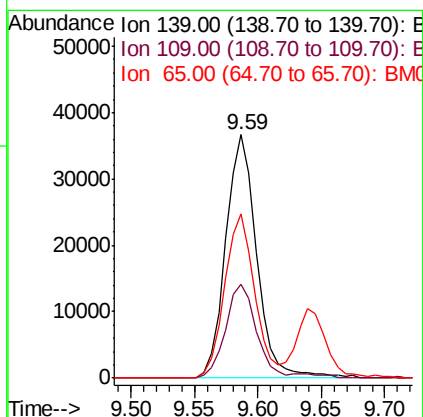
RT: 9.59 min Scan# 1122

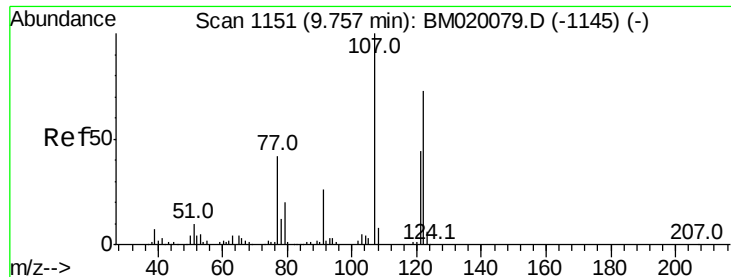
Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	139	Resp:	61877
Ion Ratio	Lower	Upper	
139	100		
109	38.3	33.7	50.5
65	67.4	59.5	89.3





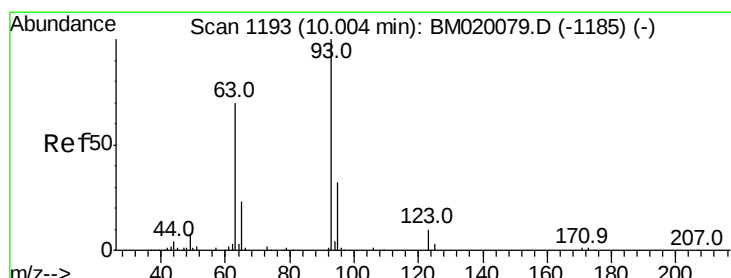
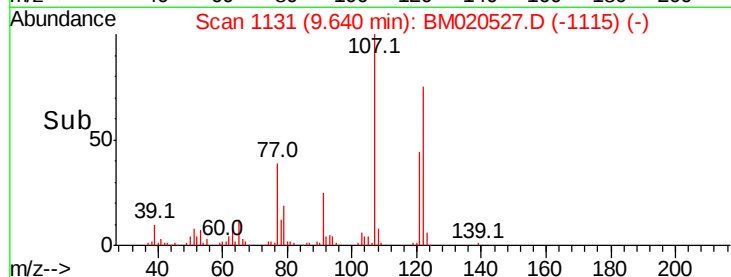
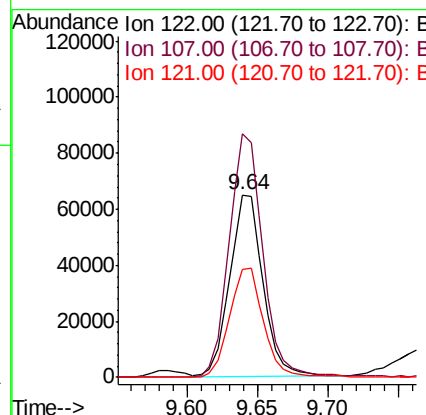
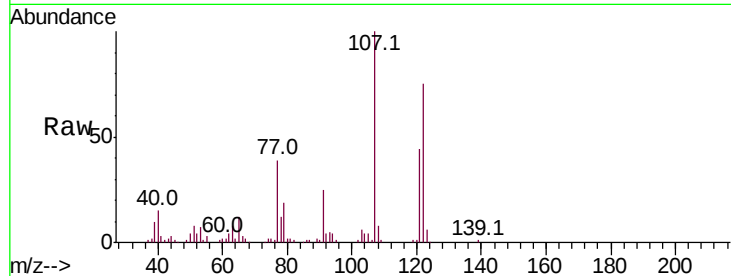
#27
2,4-Dimethylphenol
Concen: 44.156 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.6	108.6	162.8
121	59.3	47.4	71.2

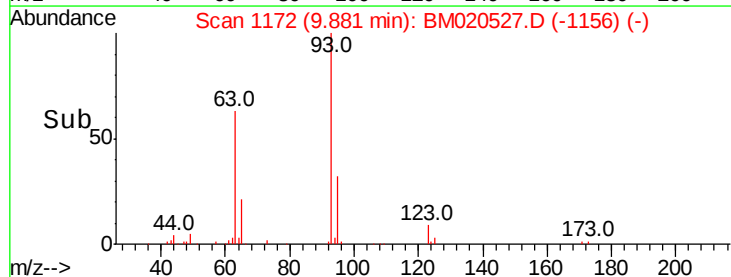
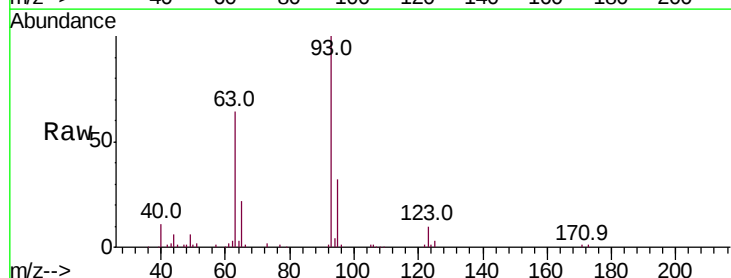
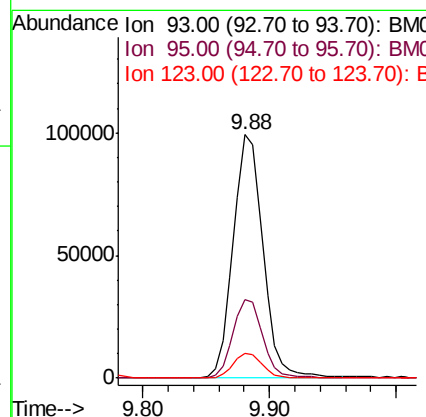
Manual Integrations
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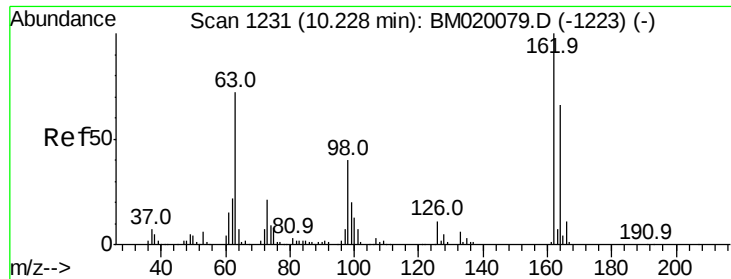
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#28
bis(2-Chloroethoxy)methane
Concen: 37.674 ng
RT: 9.88 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	9.9	7.6	11.4





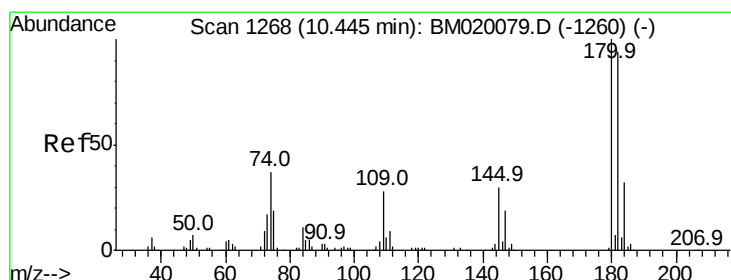
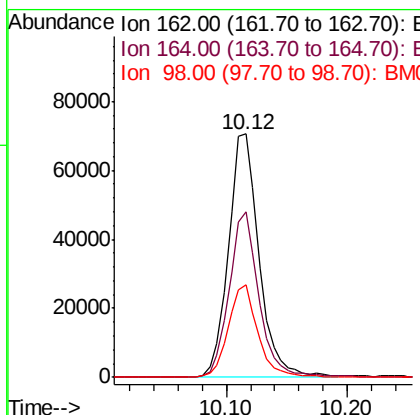
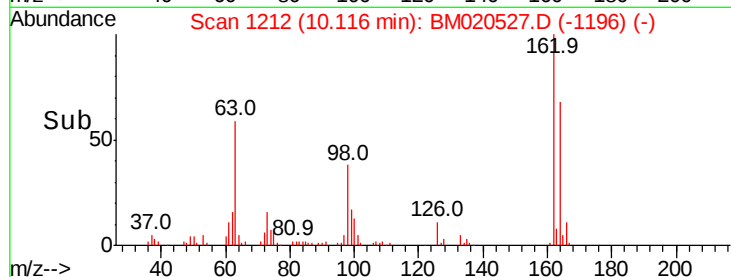
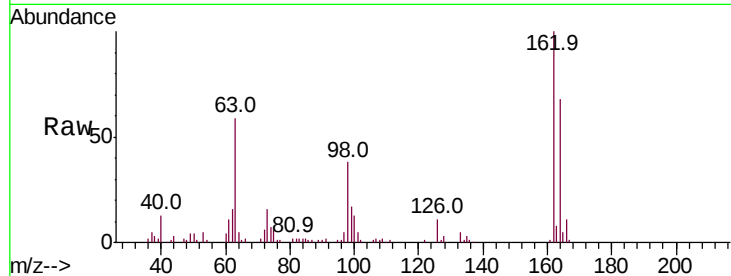
#29
2,4-Dichlorophenol
Concen: 41.590 ng
RT: 10.12 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	125010		
164	67.9	45.6	85.6	
98	37.8	20.4	60.4	

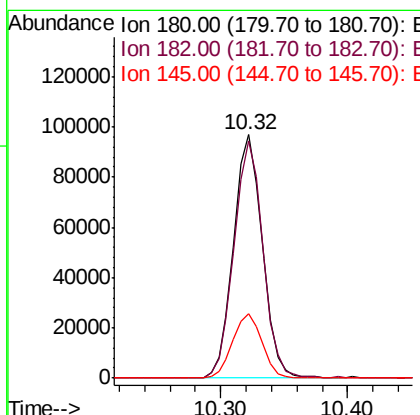
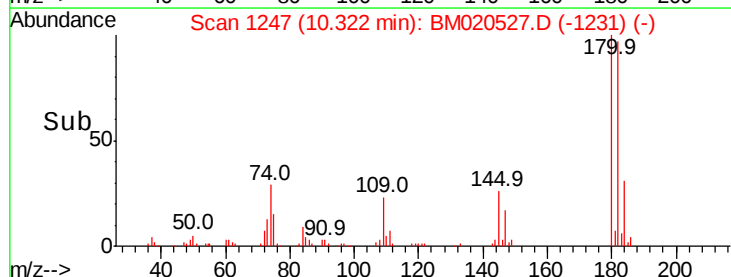
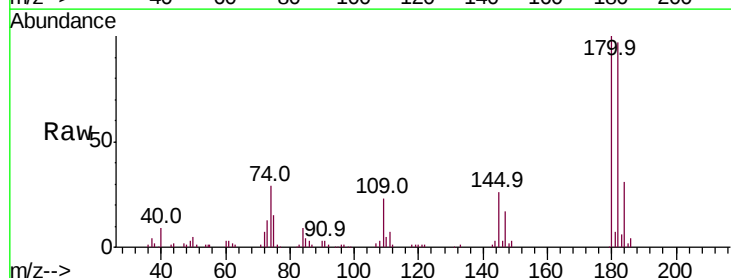
Manual Integrations
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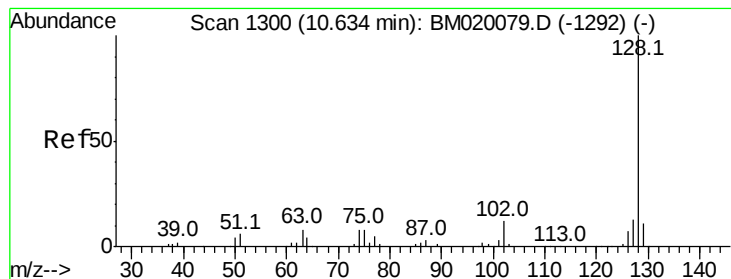
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#30
1,2,4-Trichlorobenzene
Concen: 41.275 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152653		
182	97.2	75.4	113.0	
145	26.5	23.8	35.8	





#31

Naphthalene

Concen: 38.048 ng

RT: 10.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

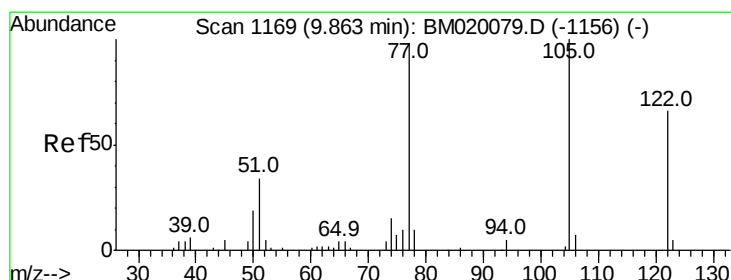
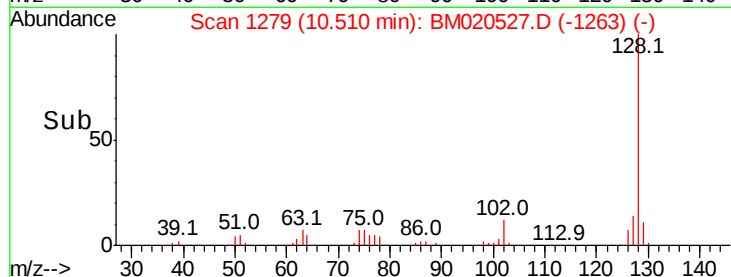
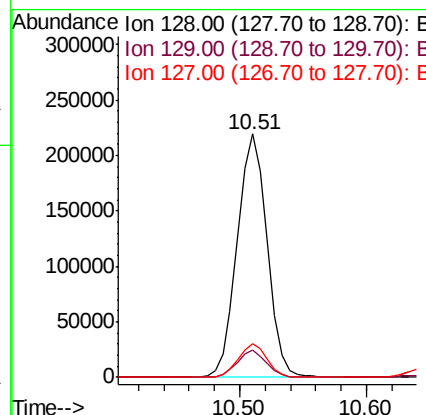
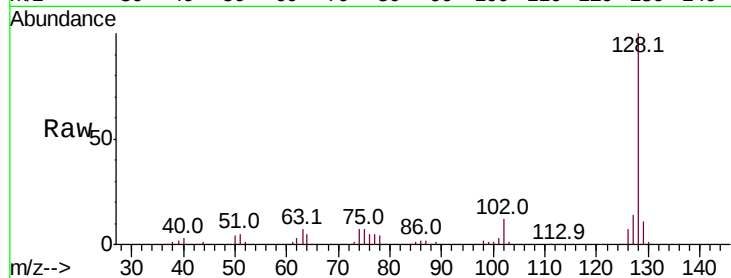
ClientSampleId :

OK-01-052119MSD

Tot Ion:	128	Resp:	356559
Ion Ratio		Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.7	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 26.984 ng m

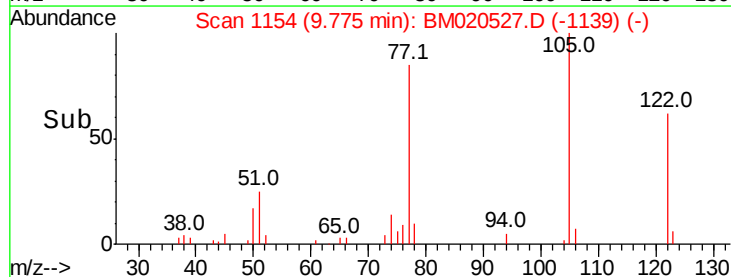
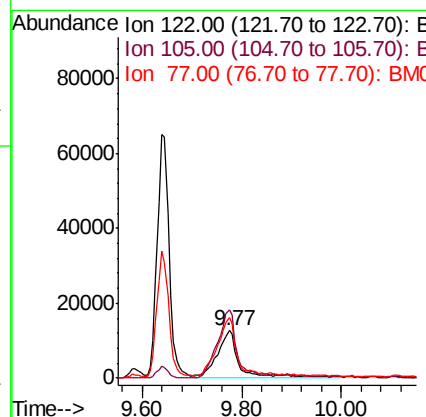
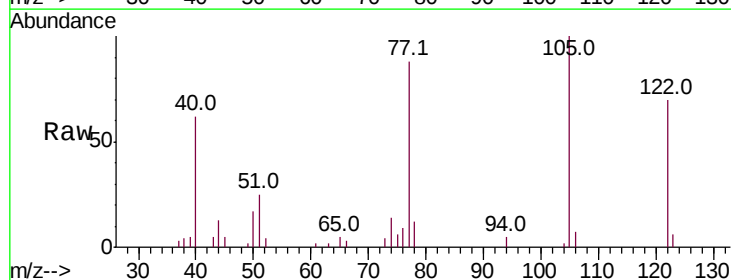
RT: 9.77 min Scan# 1154

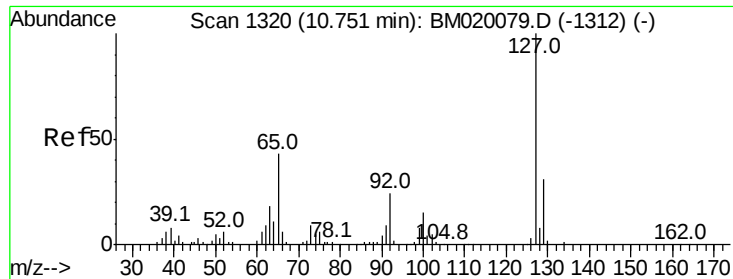
Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	122	Resp:	40071
Ion Ratio		Lower	Upper
122	100		
105	143.2	122.5	162.5
77	126.6	123.3	163.3





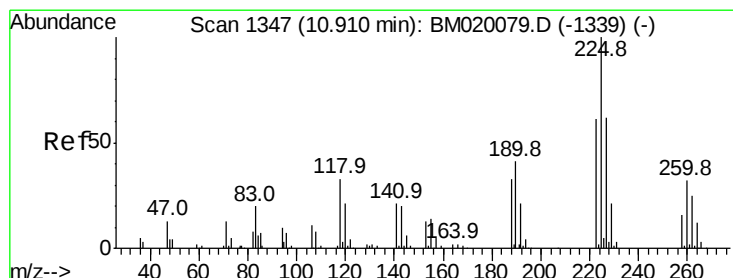
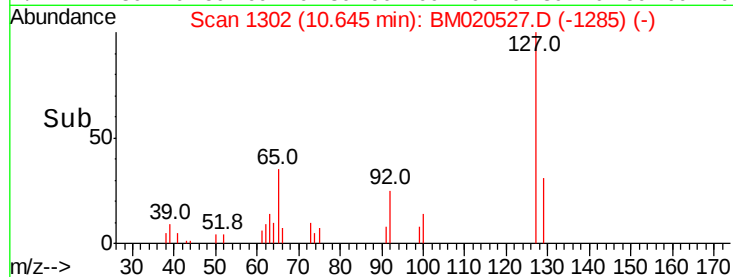
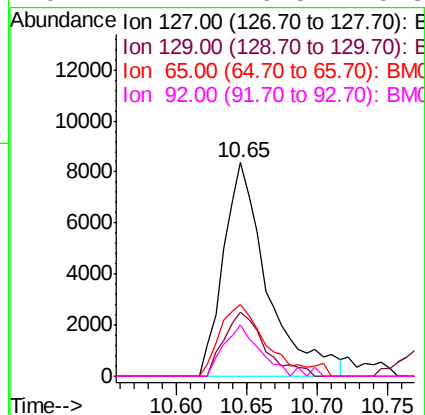
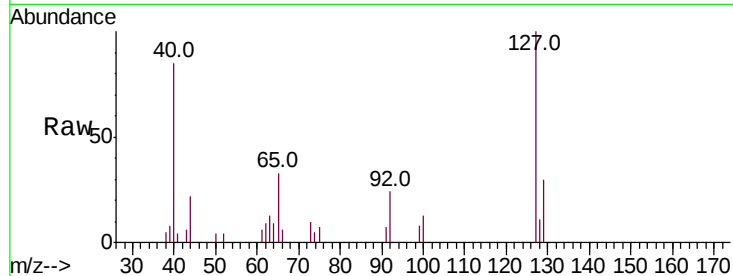
#33
4-Chloroaniline
Concen: 4.697 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	24.7	37.1
65	33.5	34.6	52.0
92	24.2	19.5	29.3

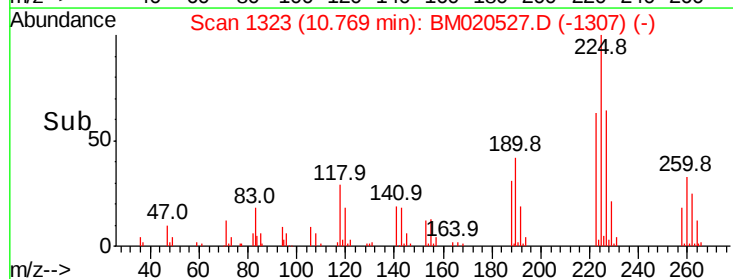
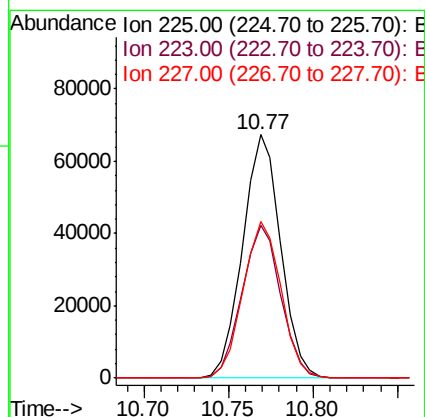
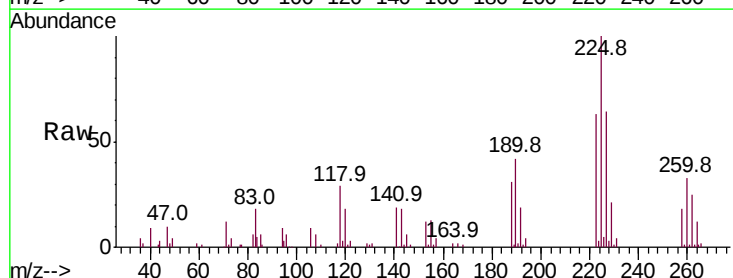
Manual Integrations
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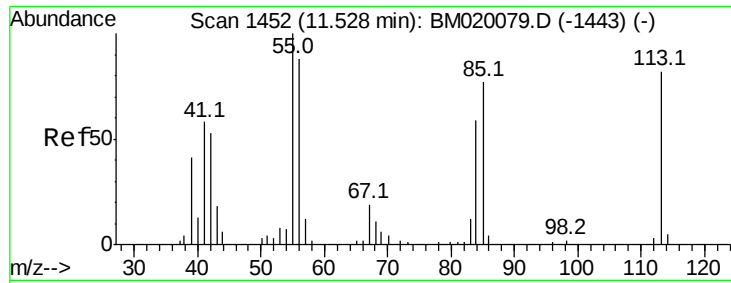
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#34
Hexachlorobutadiene
Concen: 40.416 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.9	73.3
227	64.3	49.6	74.4





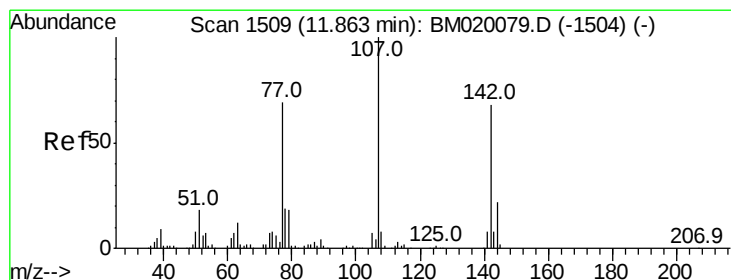
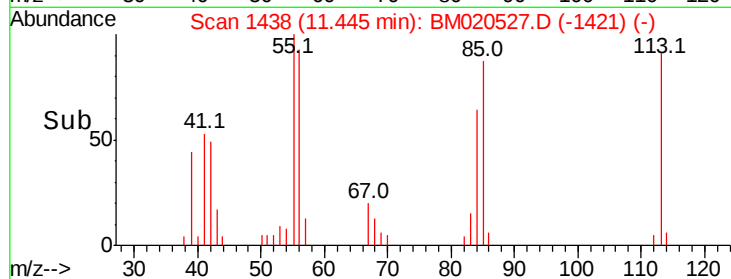
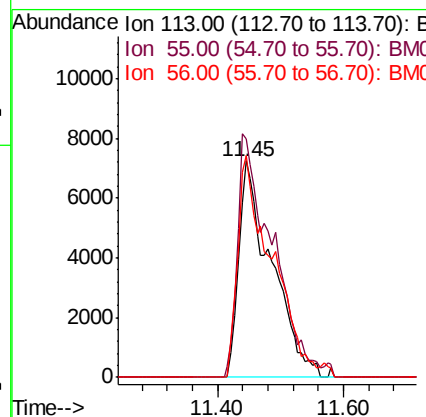
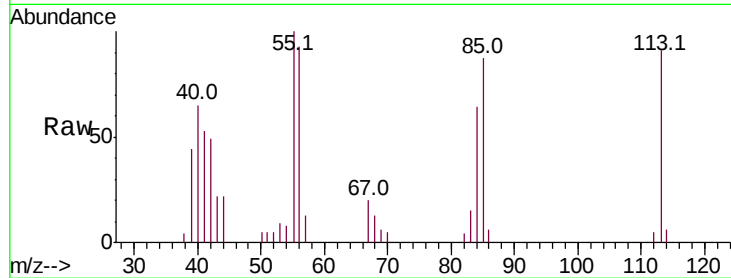
#35
Caprolactam
Concen: 28.520 ng/ml
RT: 11.45 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	109.9	102.5	142.5
56	102.7	87.7	127.7

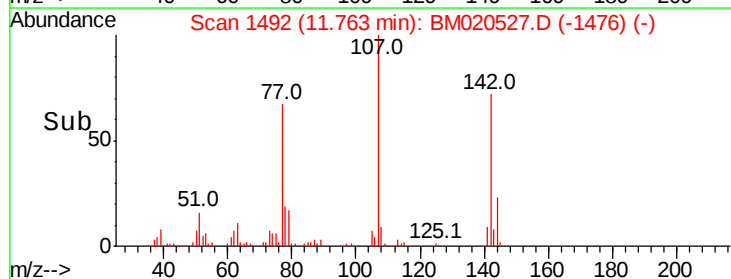
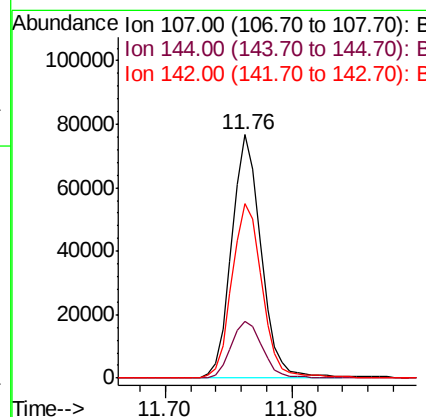
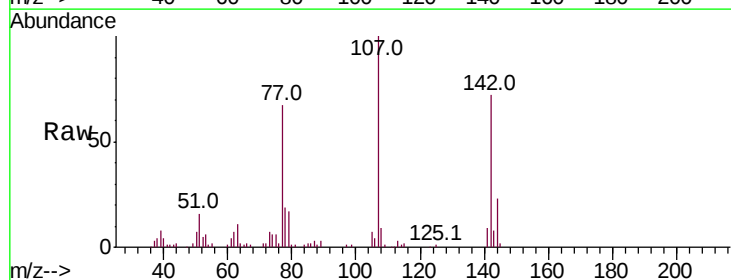
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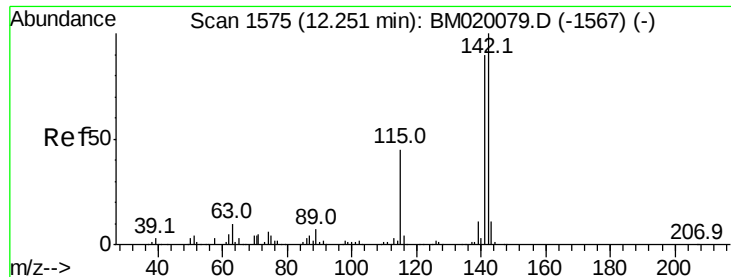
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#36
4-Chloro-3-methylphenol
Concen: 35.000 ng
RT: 11.76 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	17.6	26.4
142	71.7	54.6	82.0





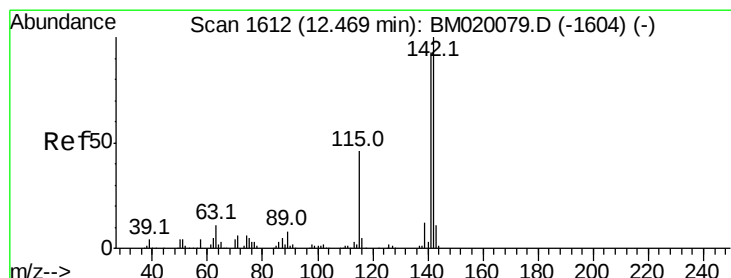
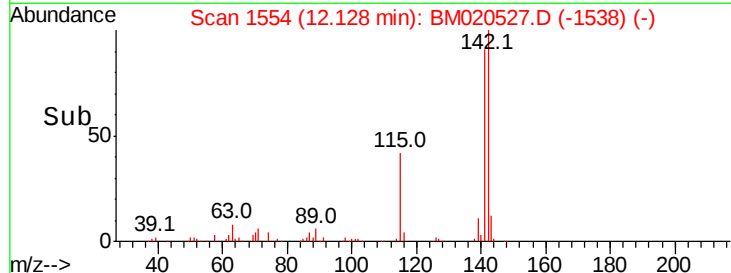
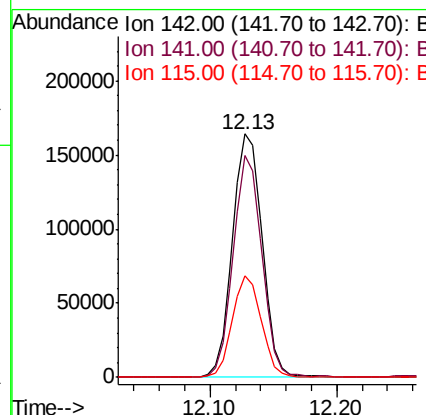
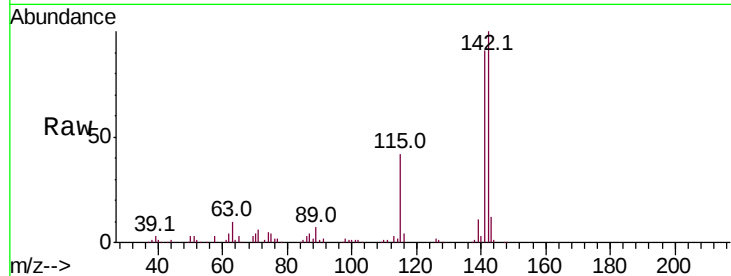
#37
2-Methylnaphthalene
Concen: 38.957 ng
RT: 12.13 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.6	107.4
115	41.5	35.8	53.6

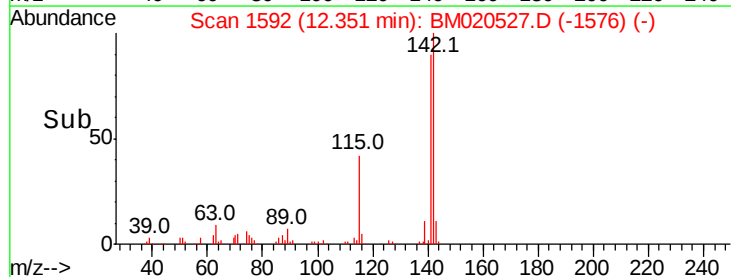
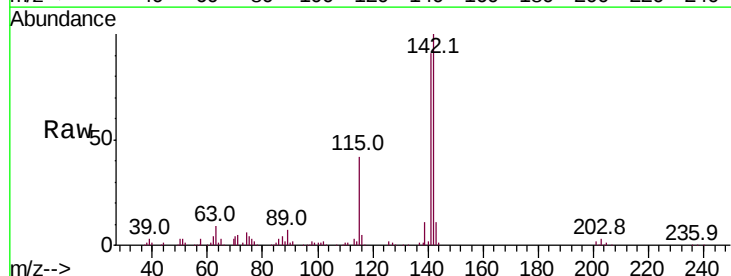
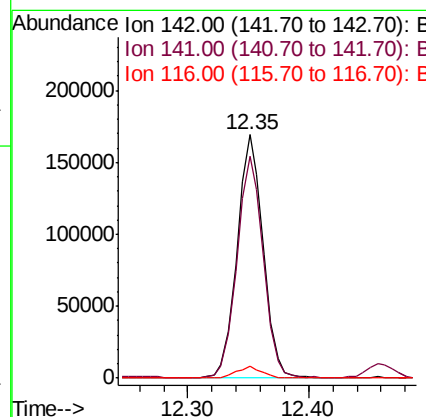
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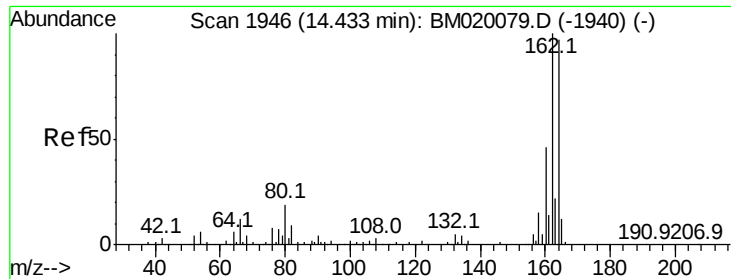
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#38
1-Methylnaphthalene
Concen: 38.041 ng
RT: 12.35 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.8	112.2
116	4.9	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

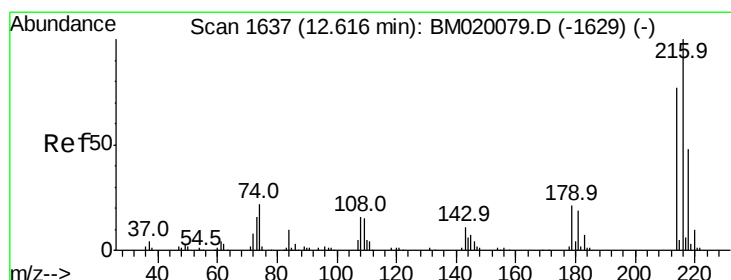
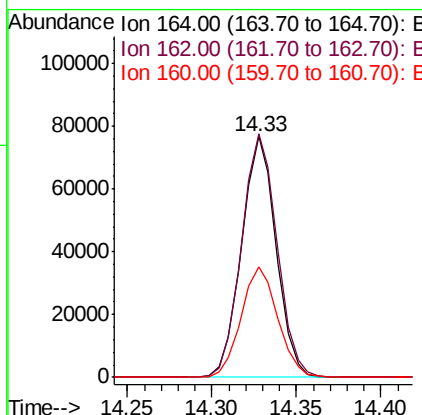
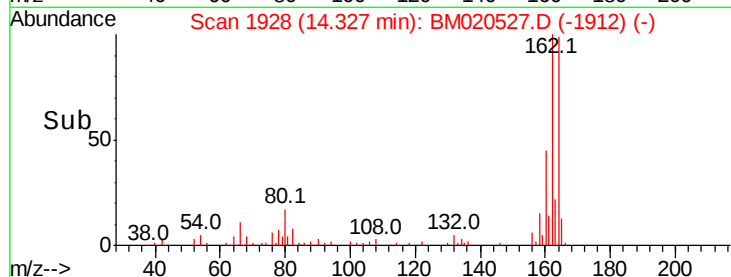
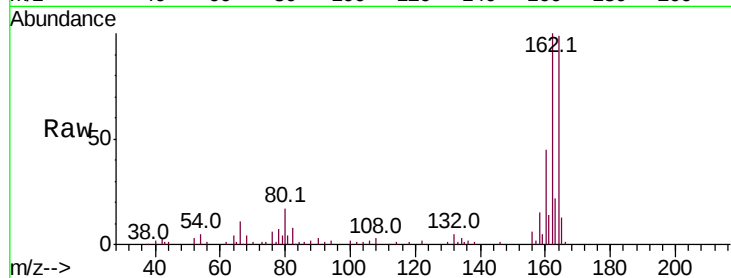
ClientSampleId :

OK-01-052119MSD

Tot Ion:	164	Resp:	109231
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.2	123.2
160	45.8	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.745 ng

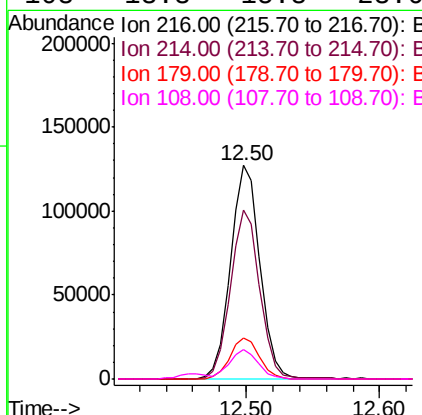
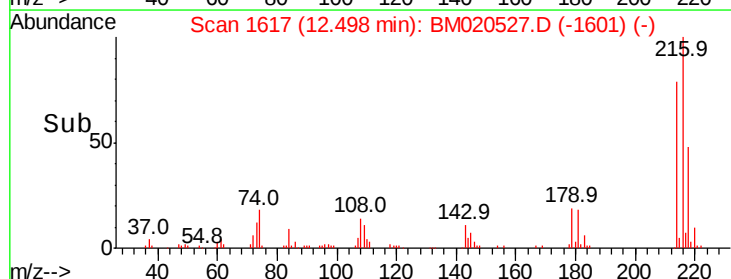
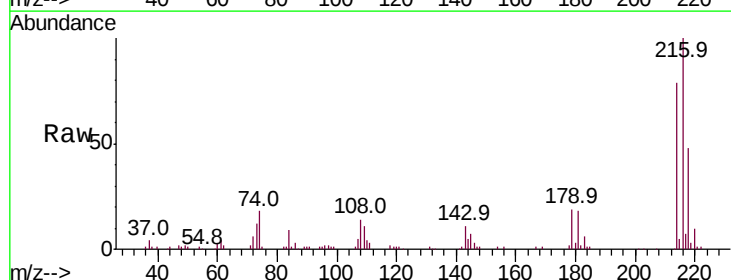
RT: 12.50 min Scan# 1617

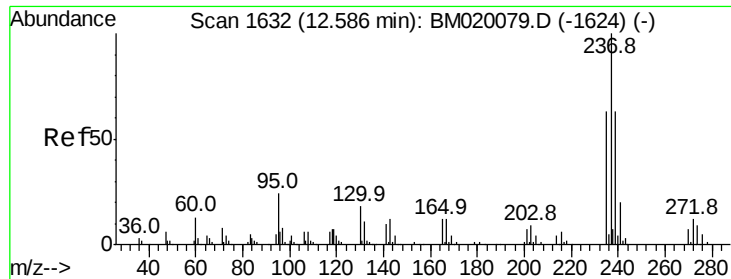
Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	216	Resp:	195493
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.6	94.0
179	19.1	17.1	25.7
108	13.3	15.8	23.6#





#41

Hexachlorocyclopentadiene

Concen: 61.756 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

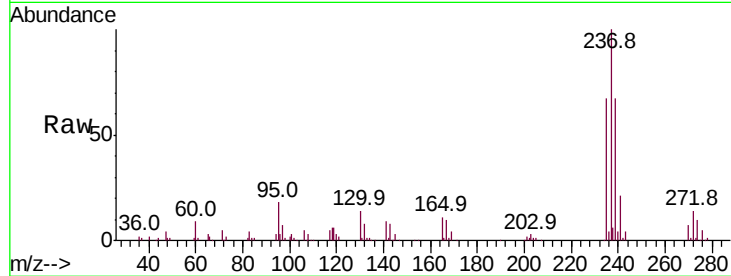
ClientSampleId :

OK-01-052119MSD

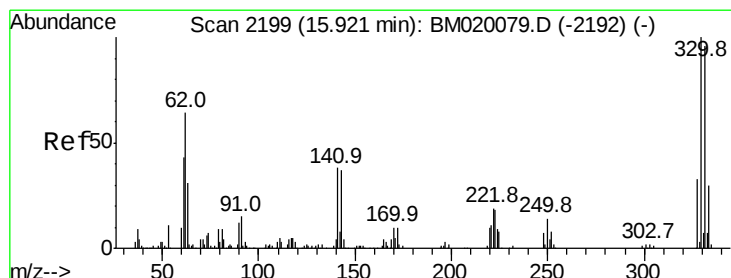
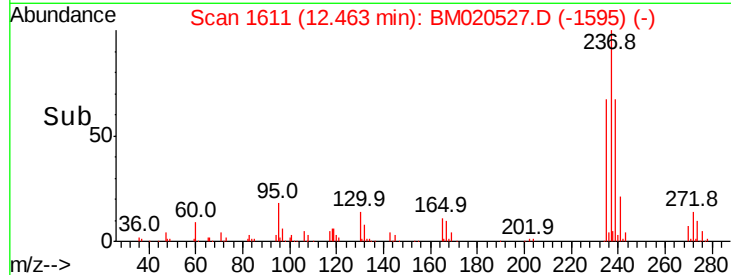
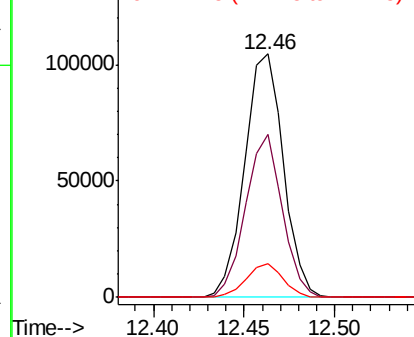
Tot Ion:	237	Resp:	155394
Ion Ratio	Lower	Upper	
237	100		
235	66.9	43.4	83.4
272	14.0	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 152.293 ng

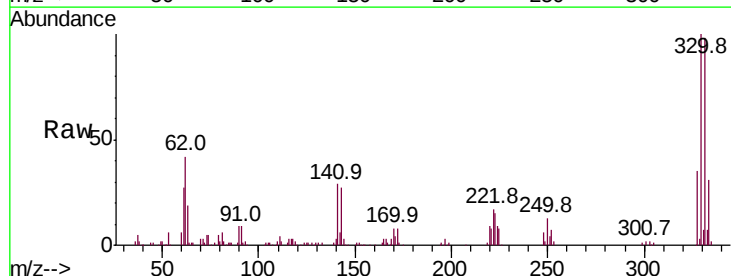
RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

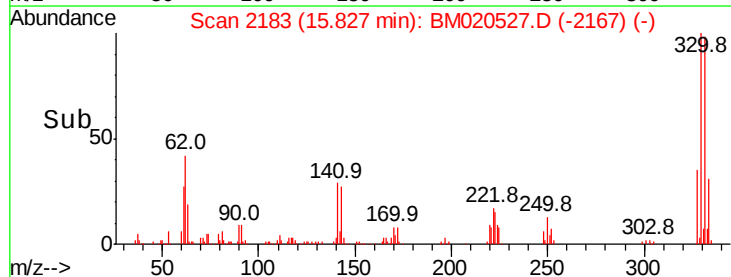
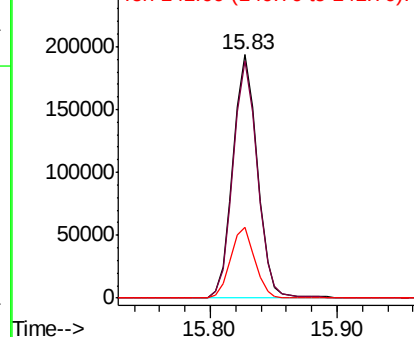
Lab File: BM020527.D

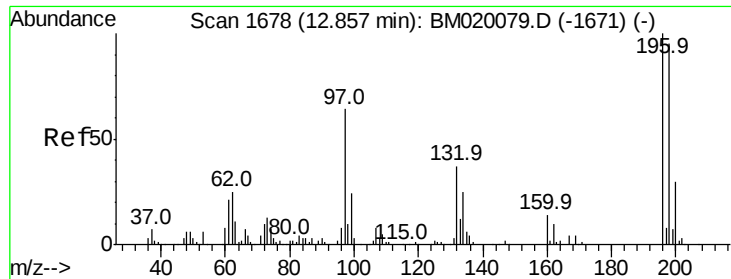
Acq: 23 May 2019 21:58

Tgt Ion:	330	Resp:	258208
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.8	115.2
141	29.1	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





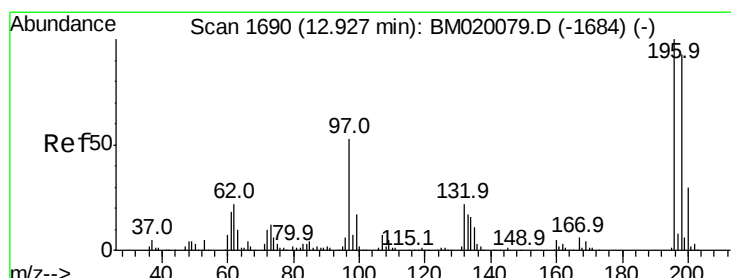
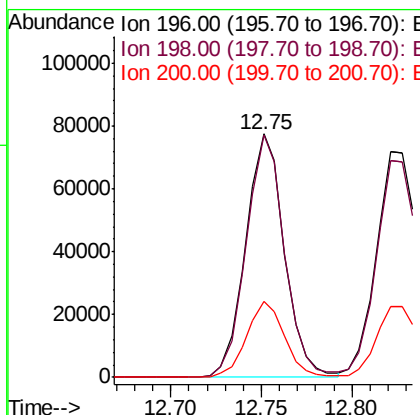
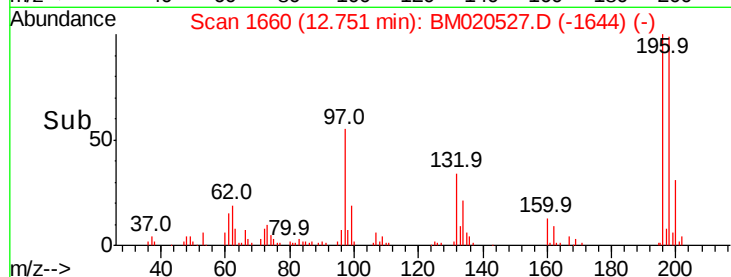
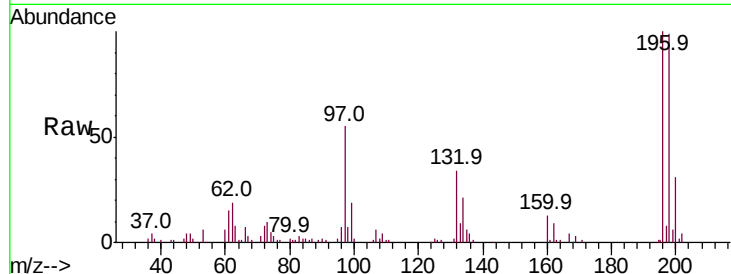
#43
 2,4,6-Trichlorophenol
 Concen: 47.304 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	114890		
198	99.3	76.2	114.2	
200	31.1	24.3	36.5	

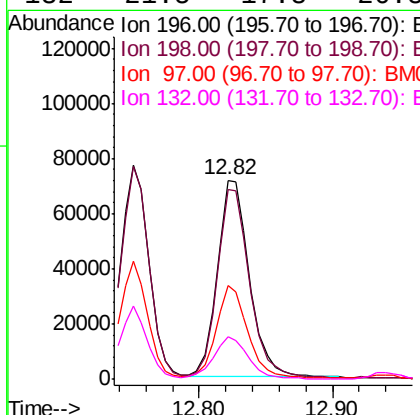
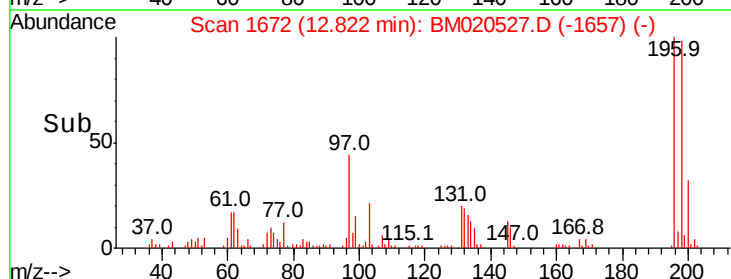
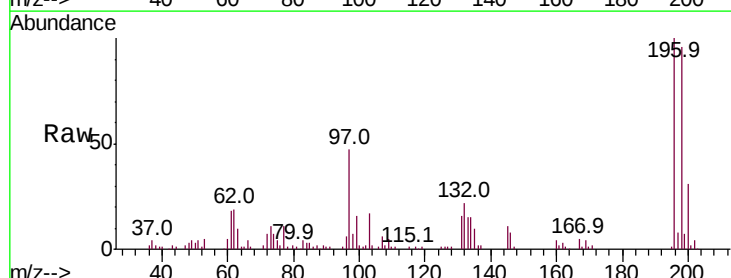
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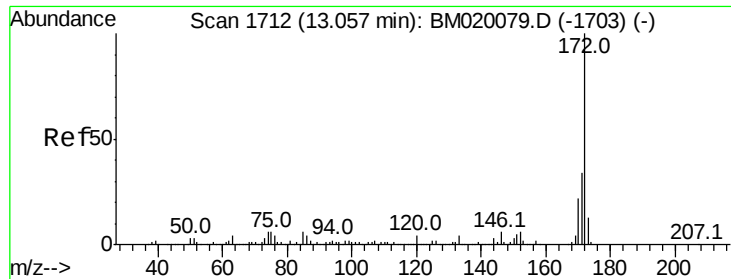
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 44.149 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119789		
198	95.8	74.7	112.1	
97	47.2	42.2	63.4	
132	21.5	17.8	26.8	





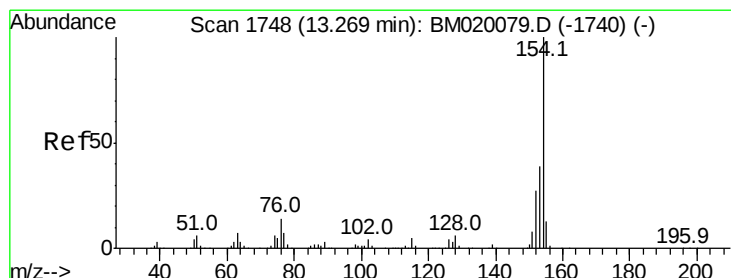
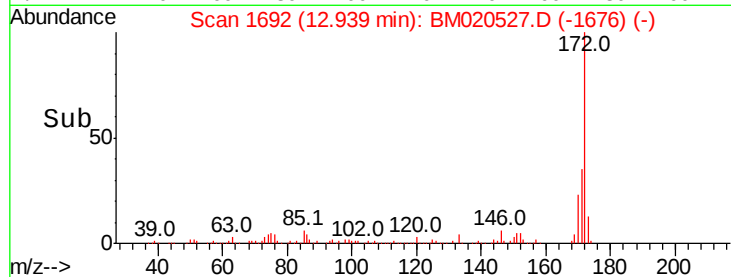
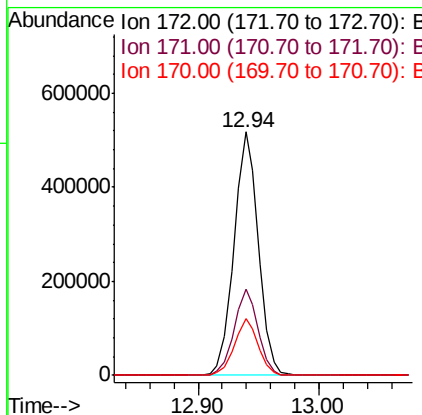
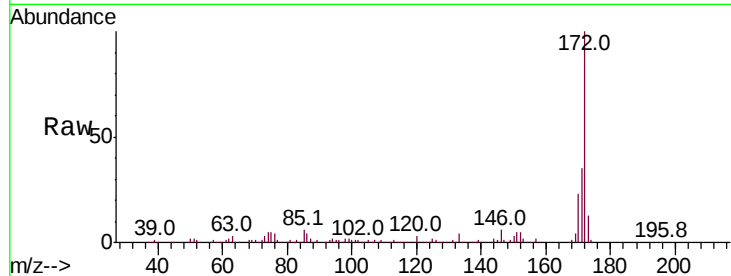
#45
 2-Fluorobiphenyl
 Concen: 81.776 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.1	17.9	26.9

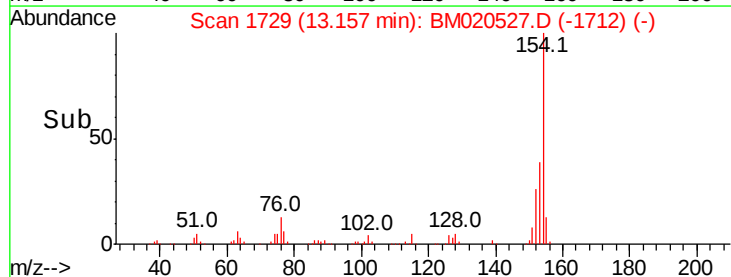
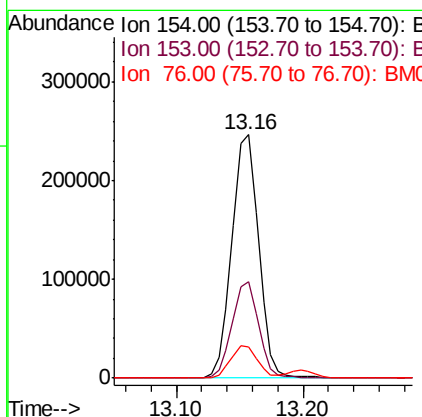
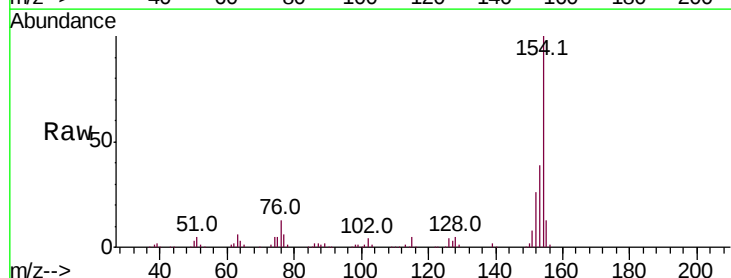
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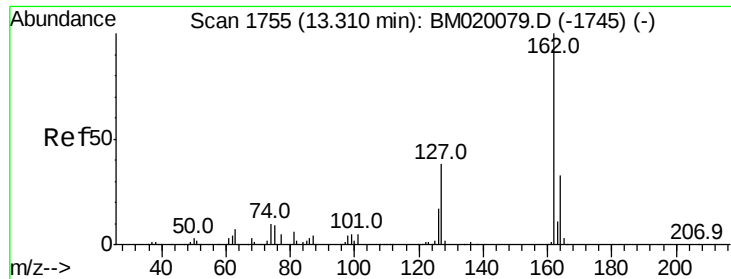
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#46
 1,1'-Biphenyl
 Concen: 40.144 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.4	59.4
76	12.7	0.0	34.5





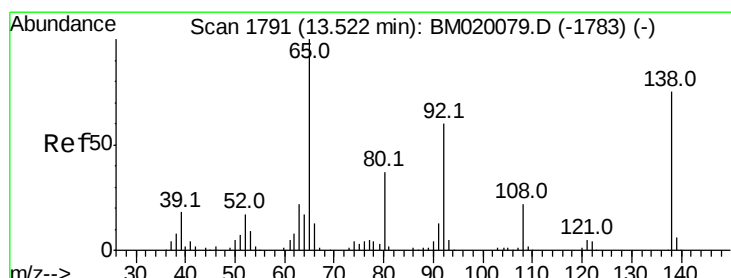
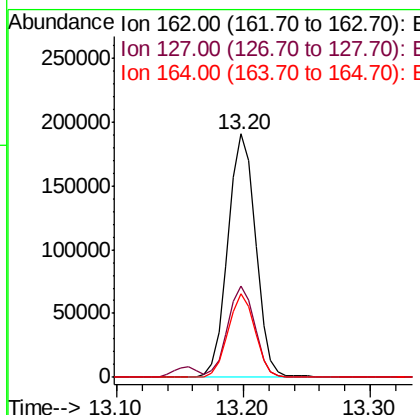
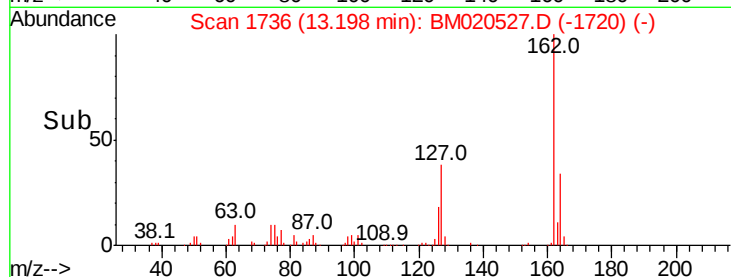
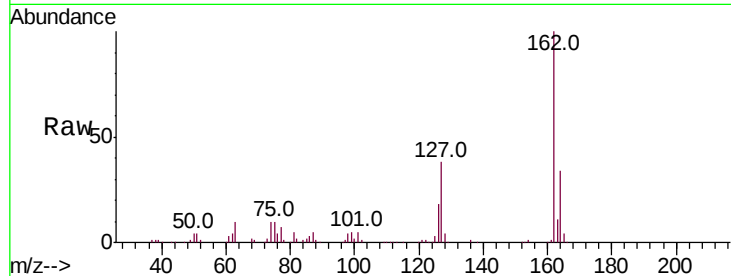
#47
 2-Chloronaphthalene
 Concen: 40.318 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion:	162	Resp:	289422
Ion Ratio	Lower	Upper	
162	100		
127	37.8	31.0	46.4
164	34.4	26.2	39.2

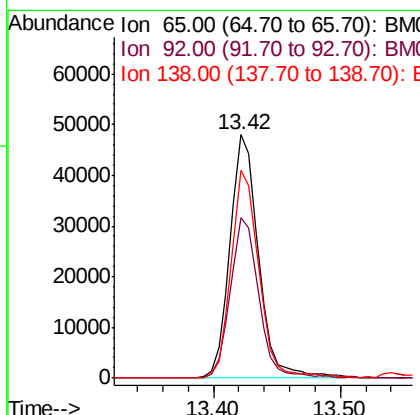
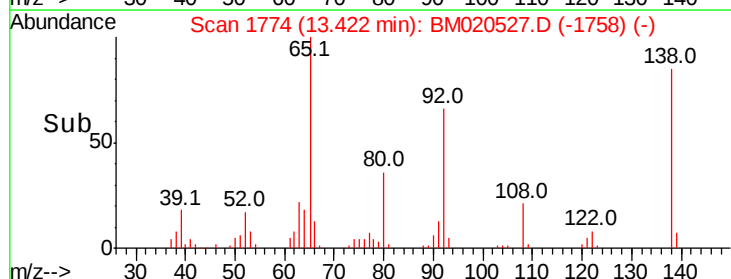
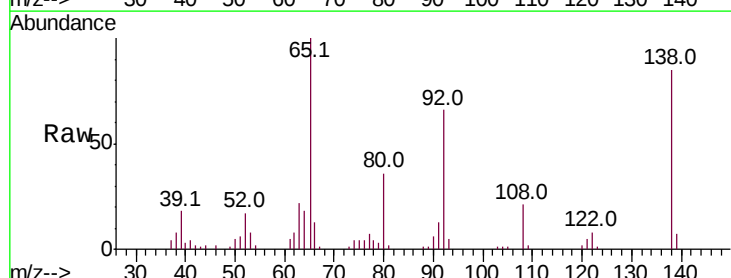
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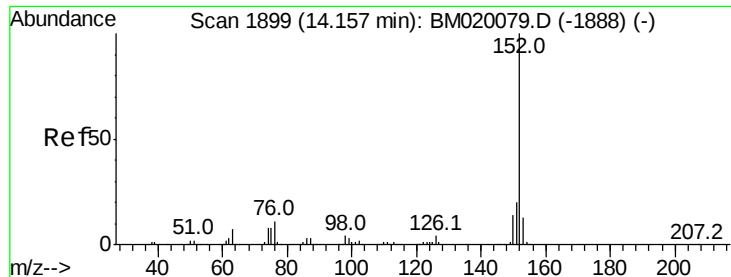
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#48
 2-Nitroaniline
 Concen: 29.171 ng
 RT: 13.42 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion:	65	Resp:	74551
Ion Ratio	Lower	Upper	
65	100		
92	66.1	48.2	72.4
138	85.2	60.3	90.5





#49

Acenaphthylene

Concen: 37.470 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

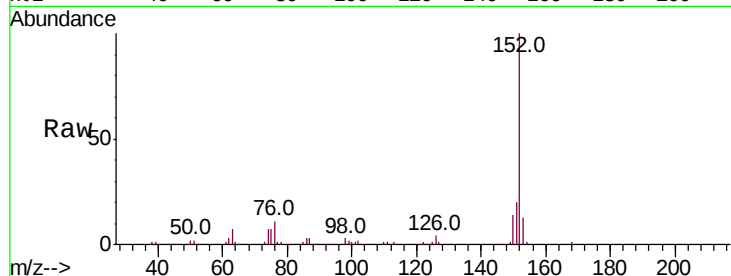
ClientSampleId :

OK-01-052119MSD

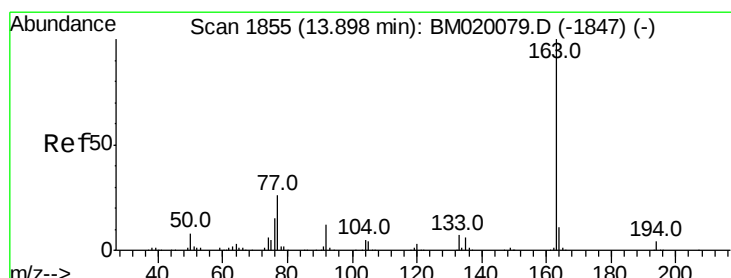
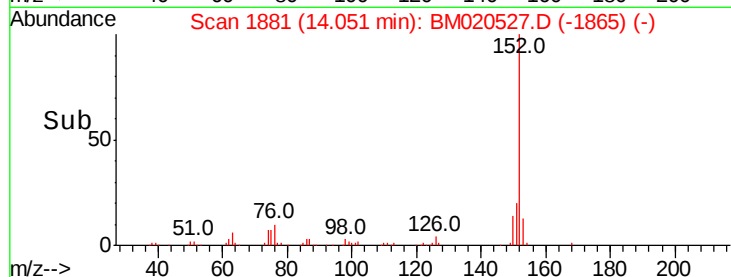
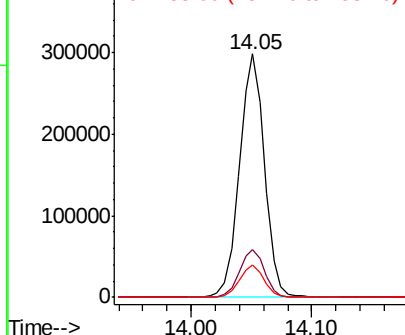
Tot Ion:	152	Resp:	430464
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	13.1	10.6	16.0

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.324 ng

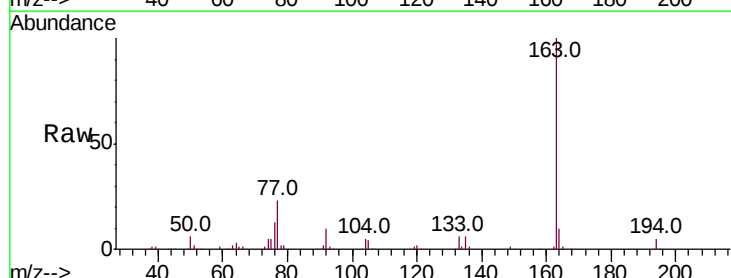
RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

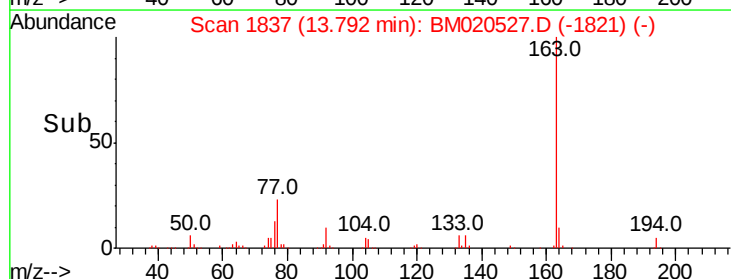
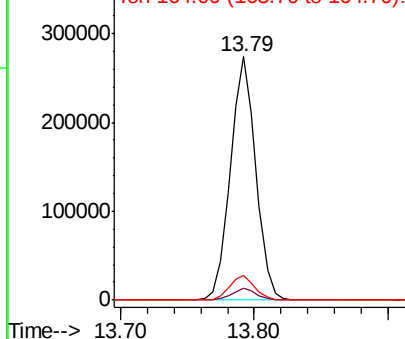
Lab File: BM020527.D

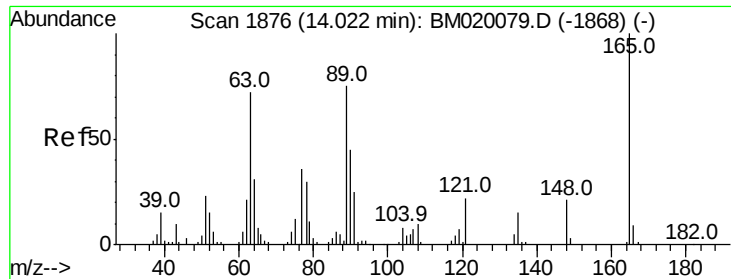
Acq: 23 May 2019 21:58

Tgt Ion:	163	Resp:	365078
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	10.4	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





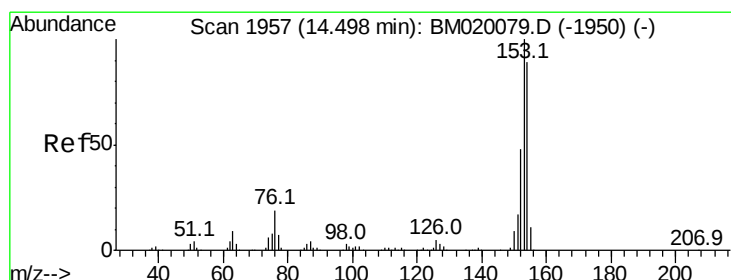
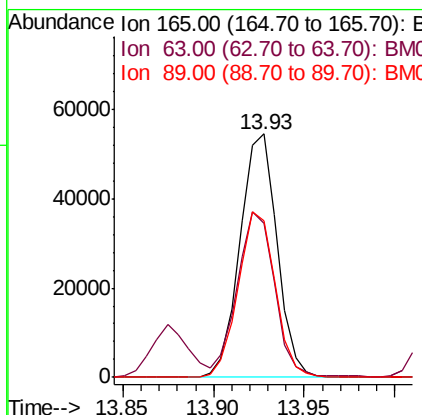
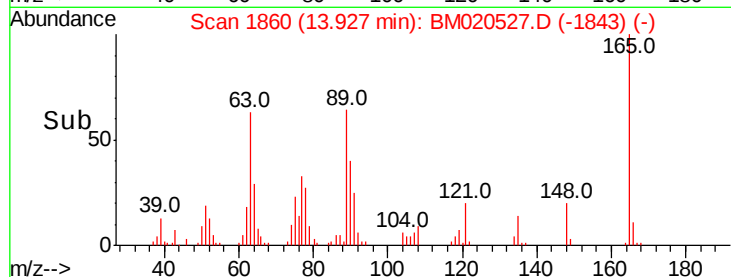
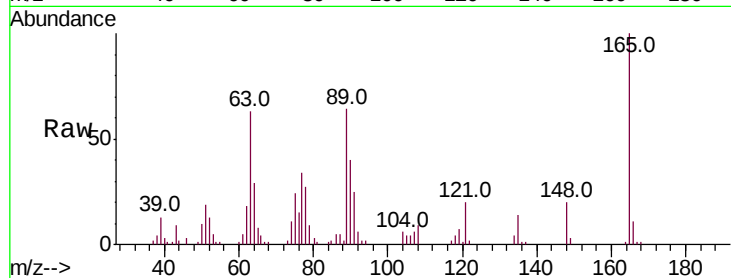
#51
 2,6-Dinitrotoluene
 Concen: 39.610 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.2	60.3	90.5
89	64.4	59.8	89.6

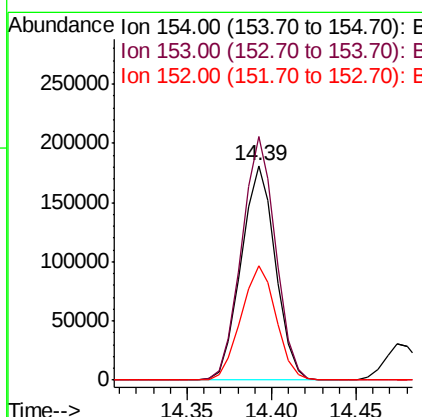
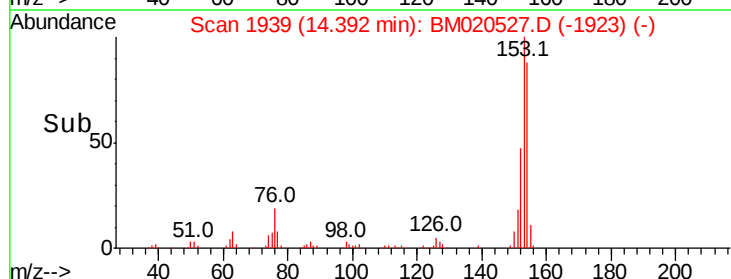
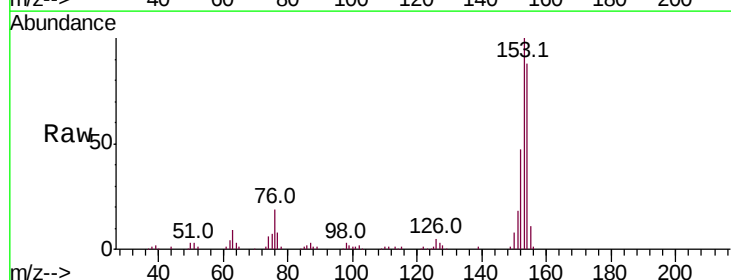
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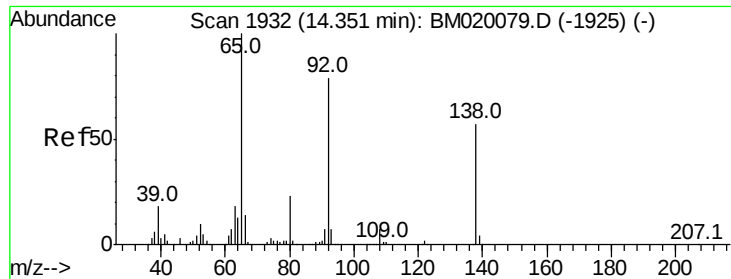
Sohil
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#52
 Acenaphthene
 Concen: 38.994 ng
 RT: 14.39 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.2	135.2
152	53.2	43.0	64.4





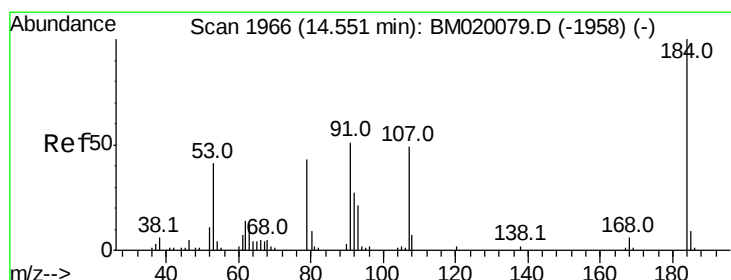
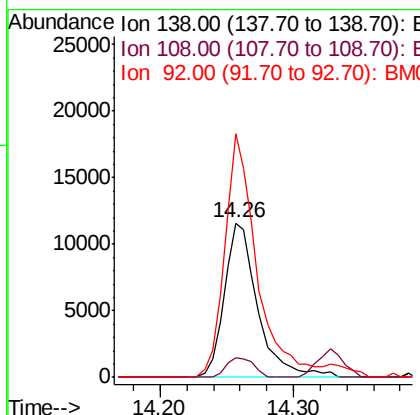
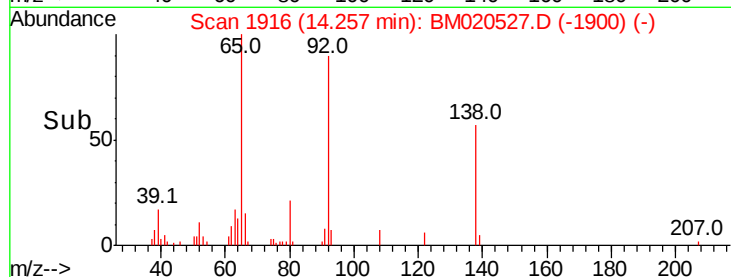
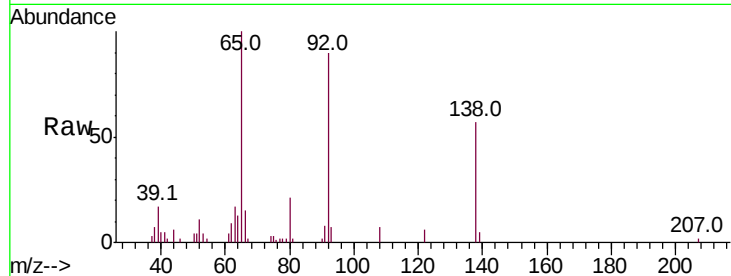
#53
3-Nitroaniline
Concen: 11.180 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.4	15.6
92	157.6	111.3	166.9

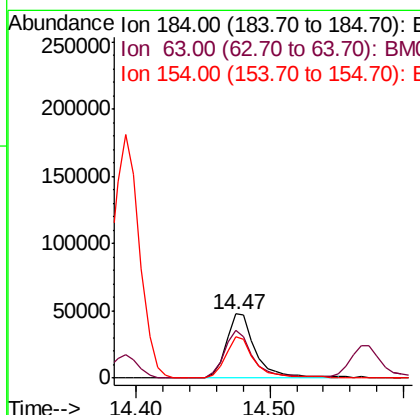
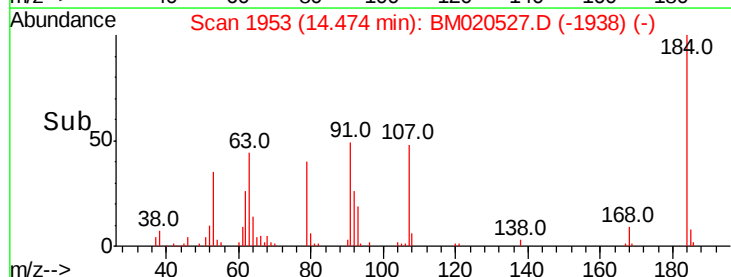
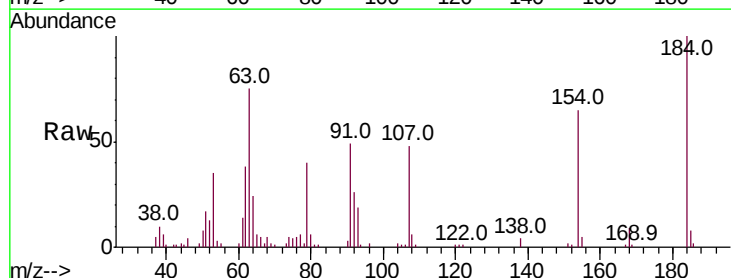
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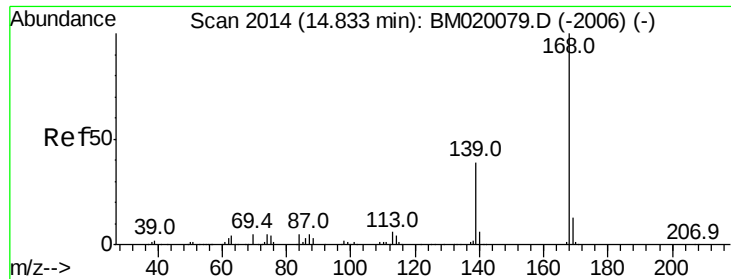
Sohil
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#54
2,4-Dinitrophenol
Concen: 76.013 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.0	68.9	103.3
154	64.8	54.4	81.6





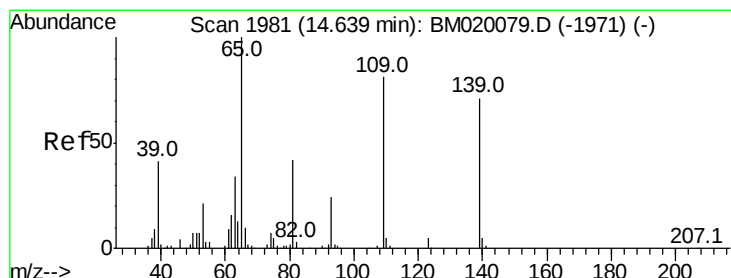
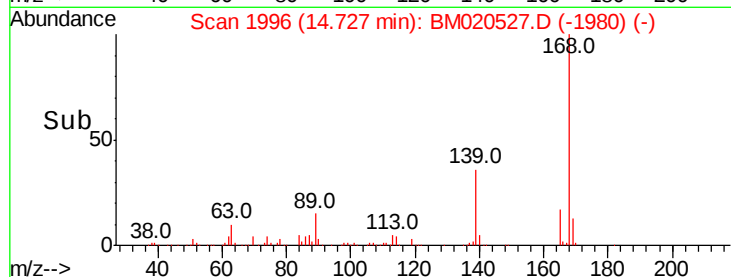
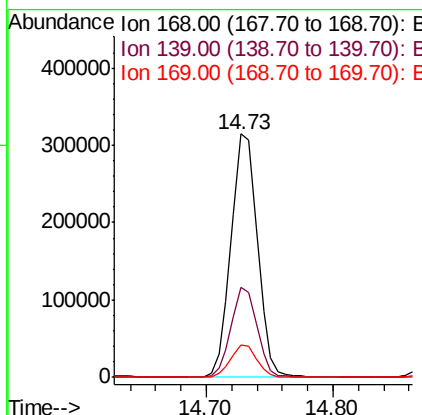
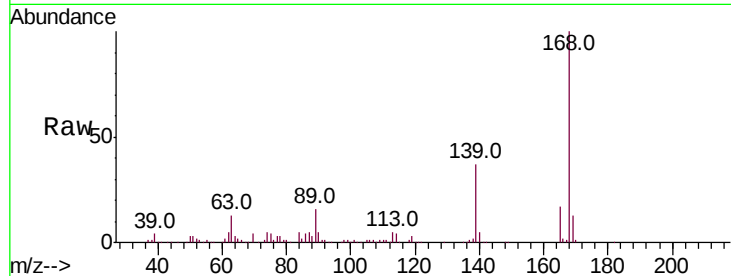
#55
Dibenzofuran
Concen: 40.947 ng
RT: 14.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.1	46.7
169	13.5	10.6	16.0

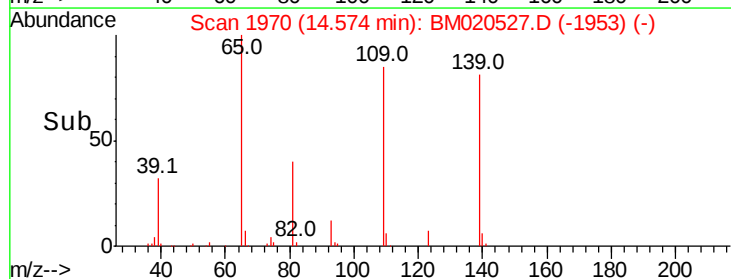
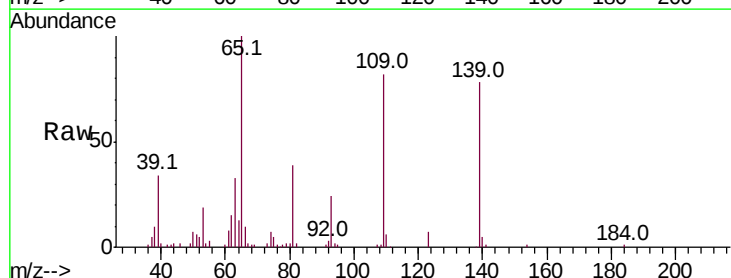
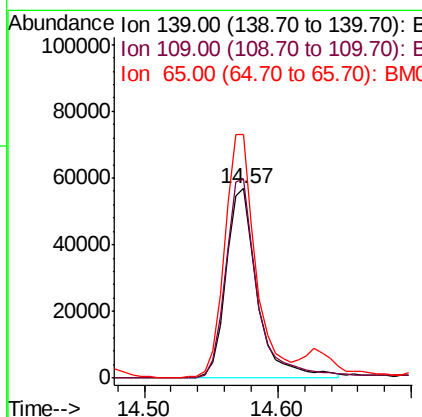
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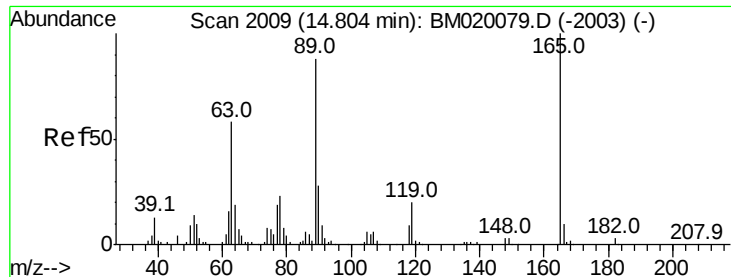
Sohil
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#56
4-Nitrophenol
Concen: 60.751 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.9	94.1	134.1
65	128.2	120.9	160.9





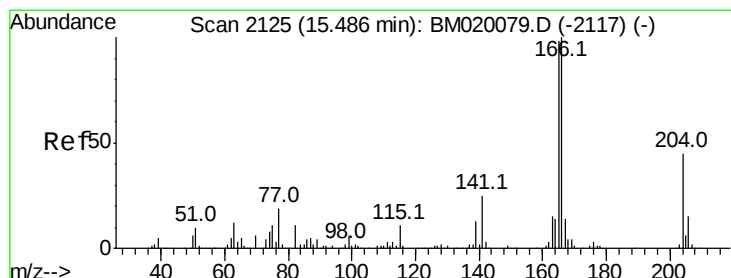
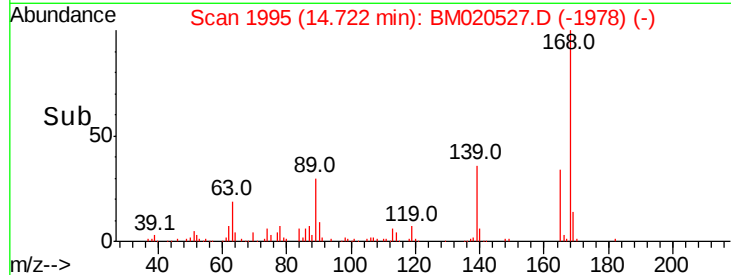
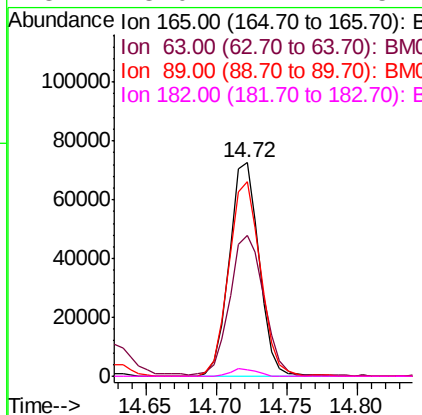
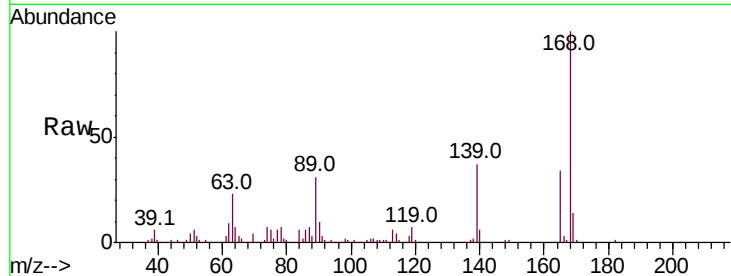
#57
 2,4-Dinitrotoluene
 Concen: 40.225 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion:	165	Resp:	106877
Ion Ratio	Lower	Upper	
165	100		
63	65.8	46.2	69.2
89	90.9	70.6	105.8
182	3.0	2.2	3.2

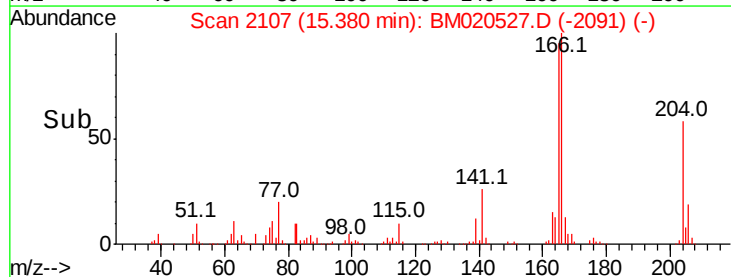
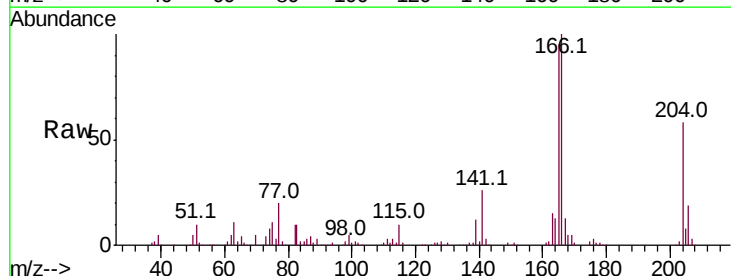
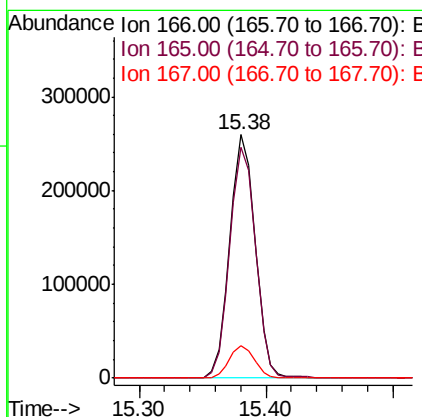
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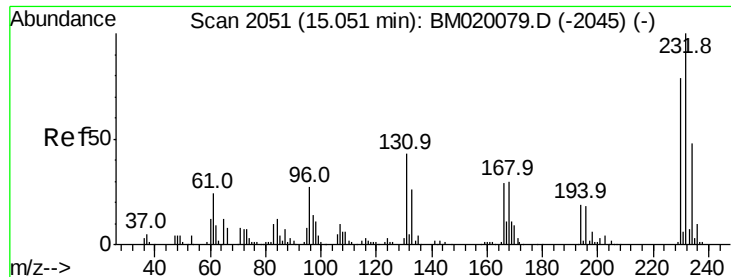
Sohil
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#58
 Fluorene
 Concen: 39.407 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion:	166	Resp:	359644
Ion Ratio	Lower	Upper	
166	100		
165	94.9	78.2	117.2
167	13.5	11.0	16.4





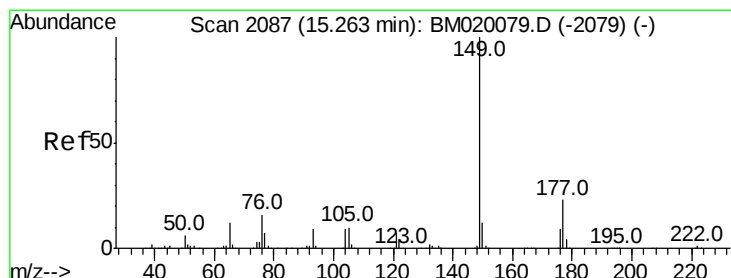
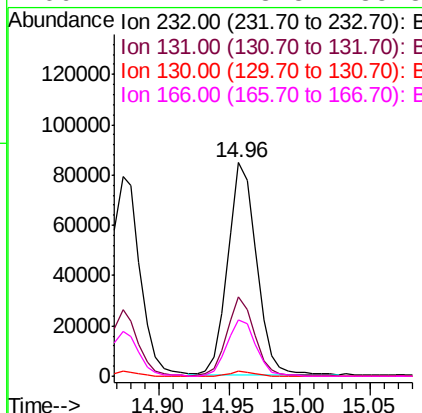
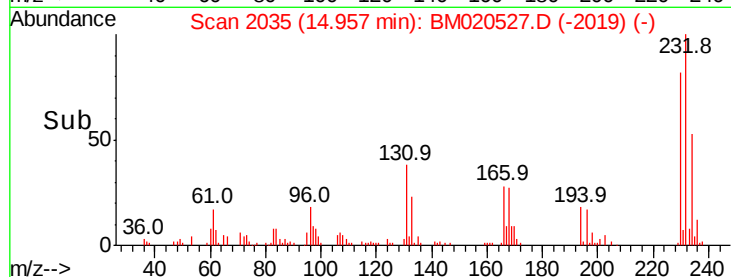
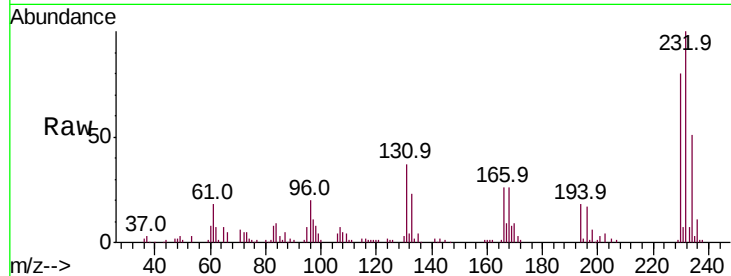
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.102 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	118870		
131	36.7		34.2	51.4
130	2.0		2.0	3.0
166	27.2		23.8	35.8

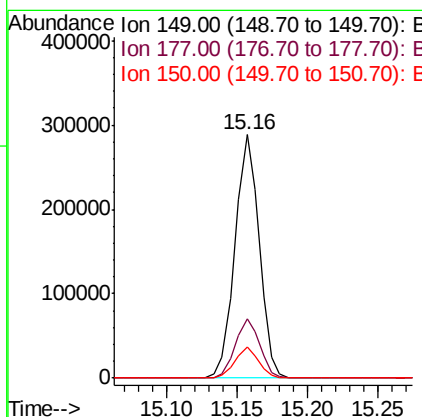
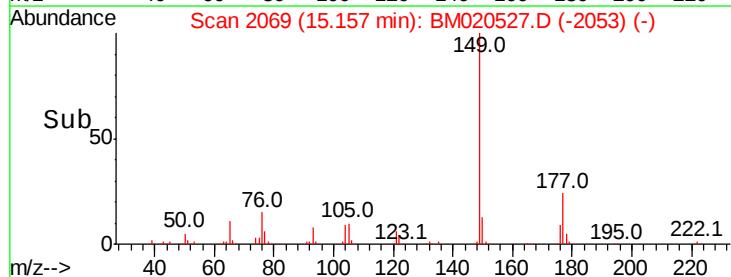
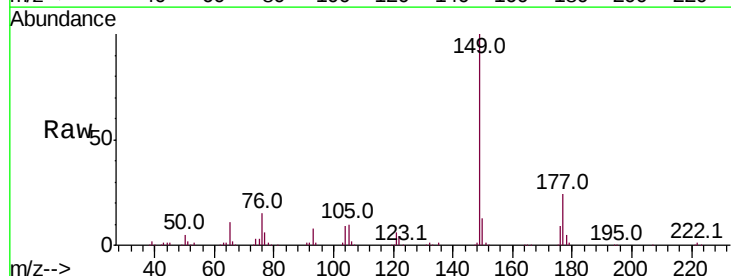
Manual Integrations
 APPROVED

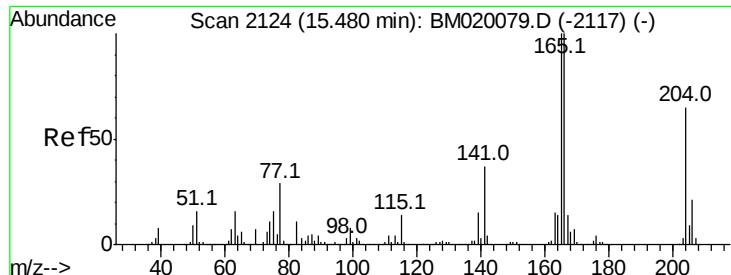
Sohil
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#60
 Diethylphthalate
 Concen: 36.903 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	345166		
177	24.2		18.2	27.4
150	12.9		9.9	14.9





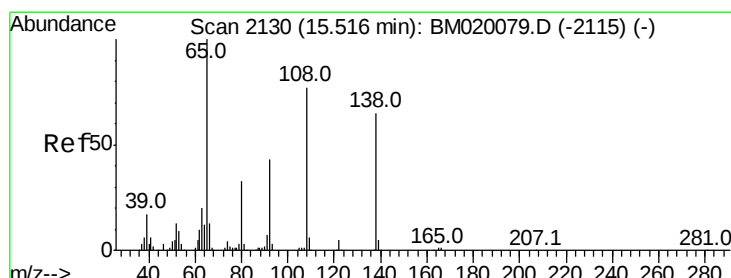
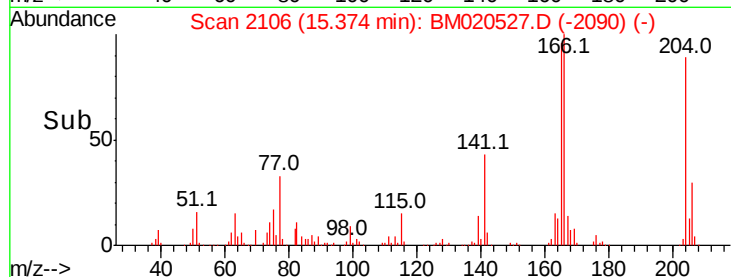
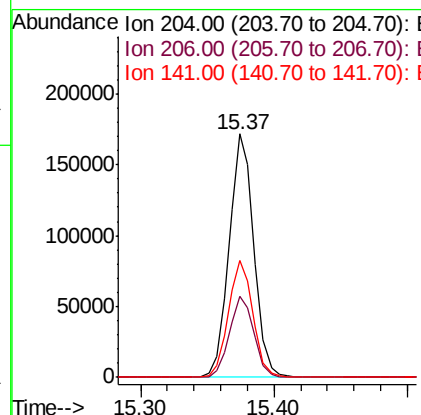
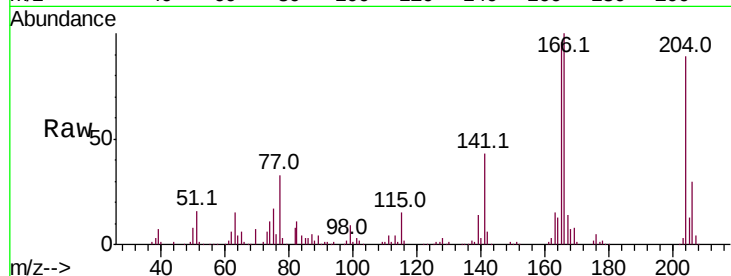
#61
 4-Chlorophenyl-phenylether
 Concen: 43.205 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion:	204	Resp:	223413
Ion Ratio	Lower	Upper	
204	100		
206	33.4	25.6	38.4
141	48.1	46.1	69.1

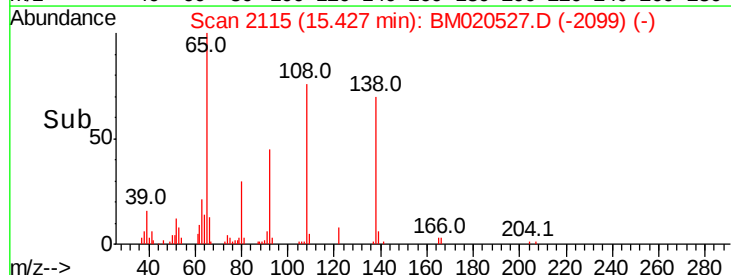
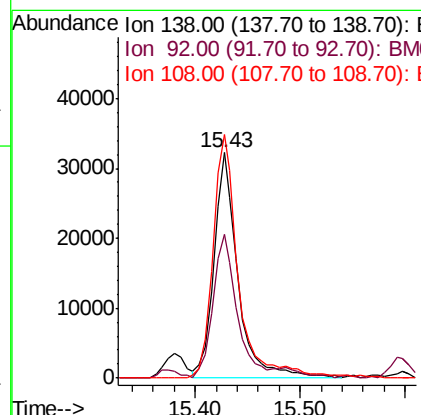
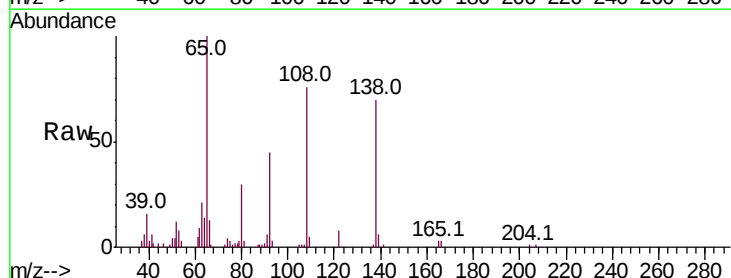
Manual Integrations
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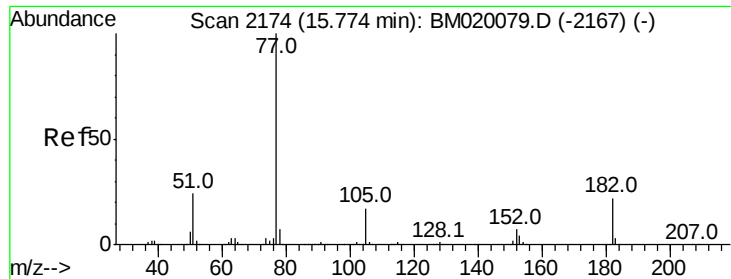
Sohil
 5/24/2019 5:01:41 PM



#62
 4-Nitroaniline
 Concen: 25.715 ng m
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion:	138	Resp:	51502
Ion Ratio	Lower	Upper	
138	100		
92	63.7	45.9	85.9
108	108.1	97.7	137.7





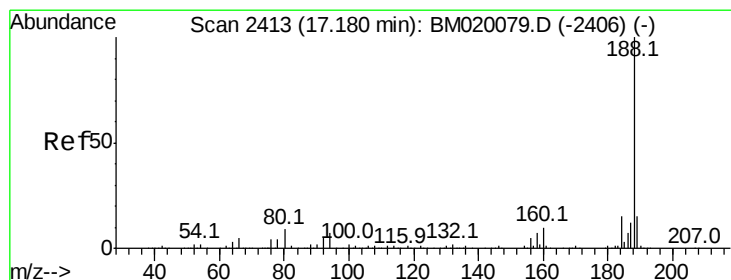
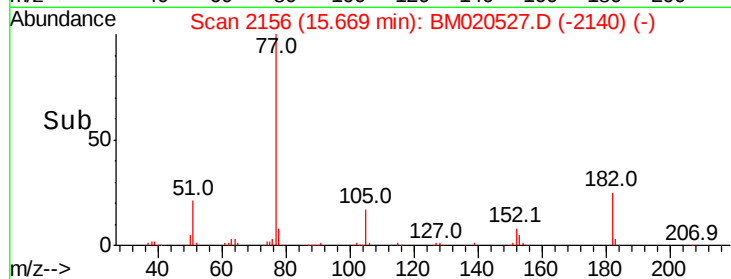
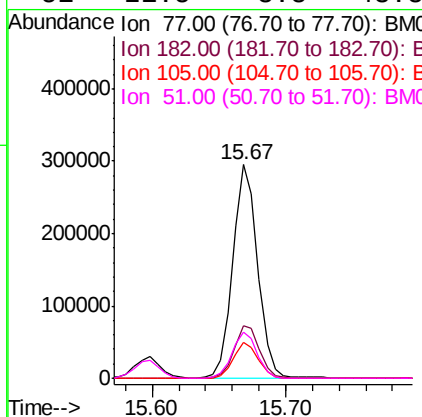
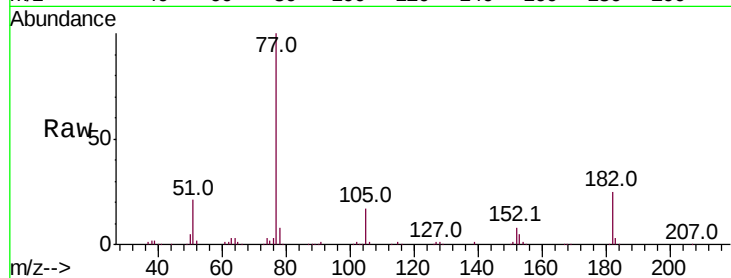
#63
Azobenzene
Concen: 34.554 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		381277		
182	24.8	2.1	42.1		
105	16.5	0.0	36.8		
51	21.5	3.8	43.8		

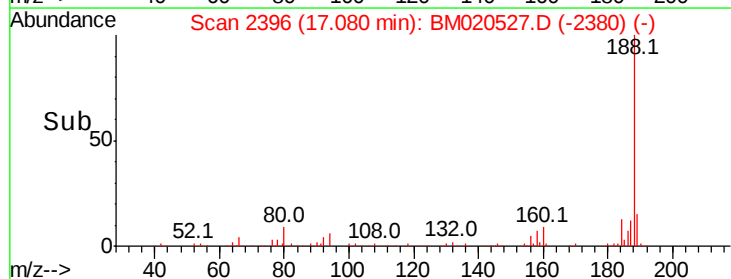
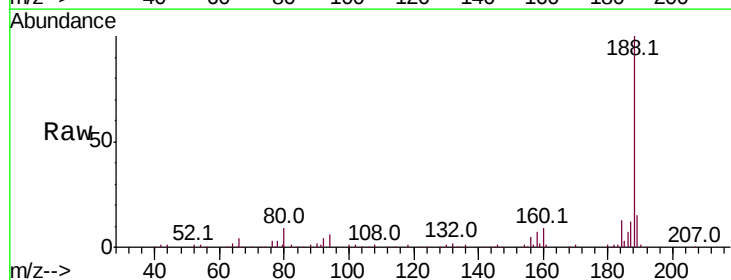
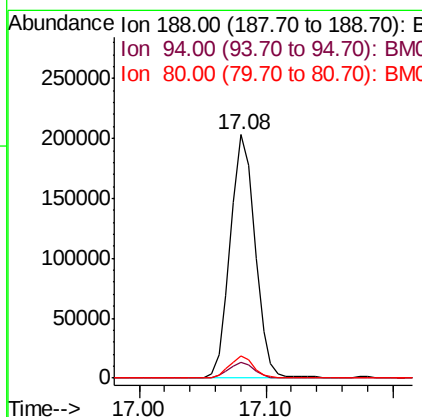
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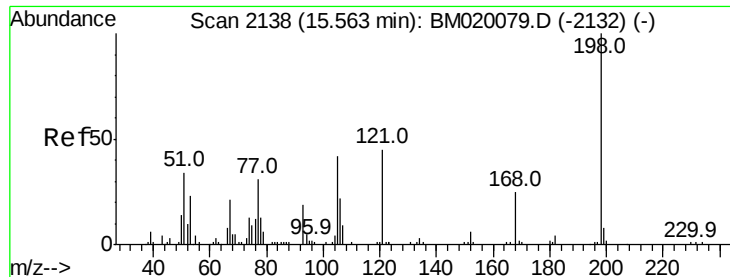
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		275991		
94	6.5	5.8	8.6		
80	8.9	7.4	11.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.721 ng

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

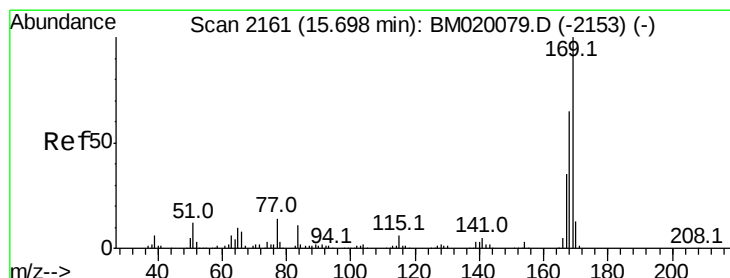
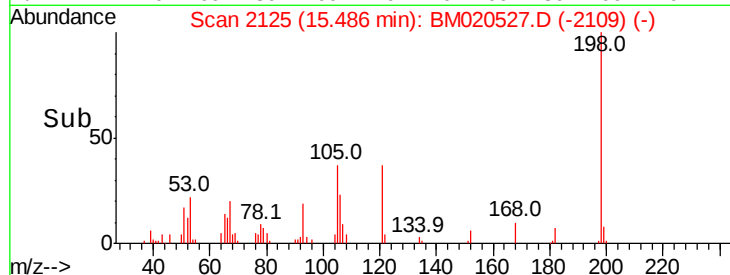
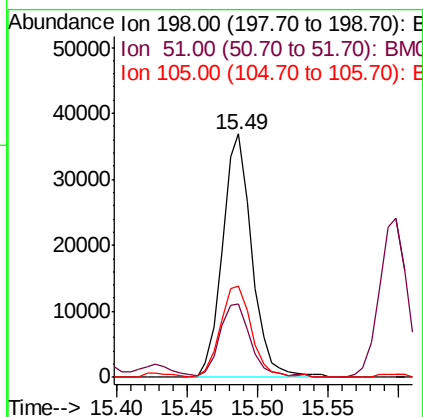
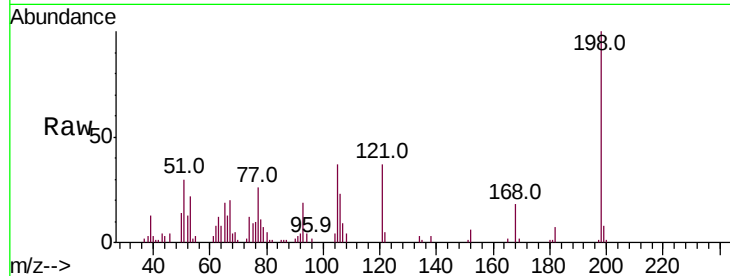
ClientSampleId :

OK-01-052119MSD

Tot Ion:	198	Resp:	53292
Ion Ratio	Lower	Upper	
198	100		
51	30.1	16.5	56.5
105	37.4	22.8	62.8

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#66

n-Nitrosodiphenylamine

Concen: 38.150 ng

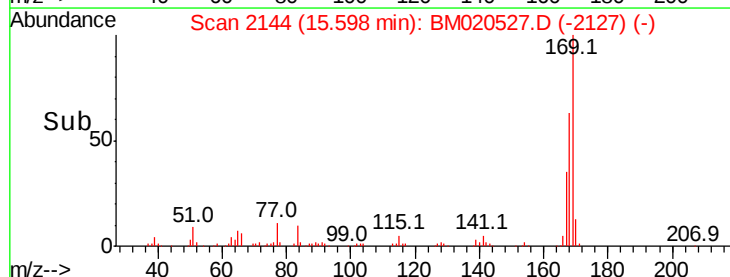
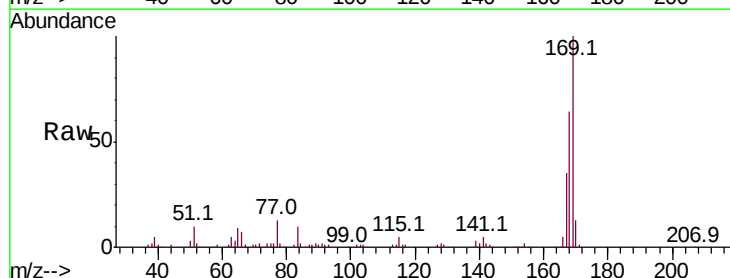
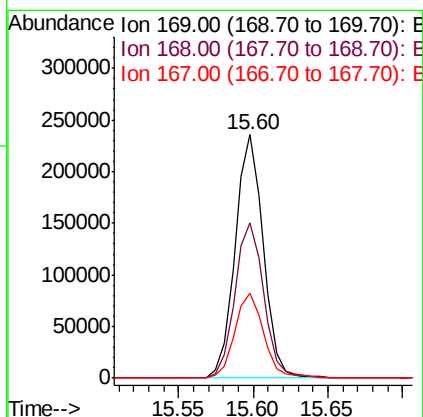
RT: 15.60 min Scan# 2144

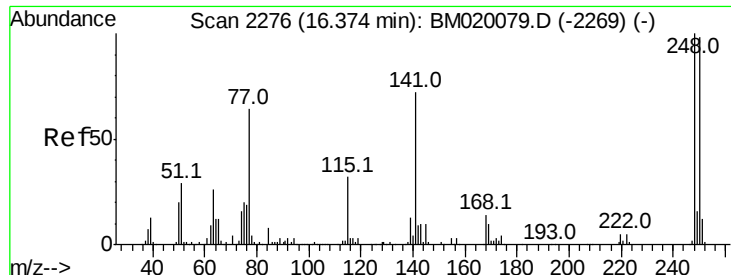
Delta R.T. 0.00 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	169	Resp:	309822
Ion Ratio	Lower	Upper	
169	100		
168	64.0	51.9	77.9
167	34.7	27.8	41.6





#67

4-Bromophenyl-phenylether

Concen: 42.068 ng

RT: 16.27 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

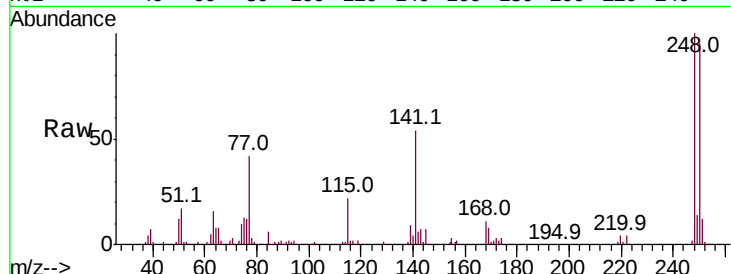
ClientSampleId :

OK-01-052119MSD

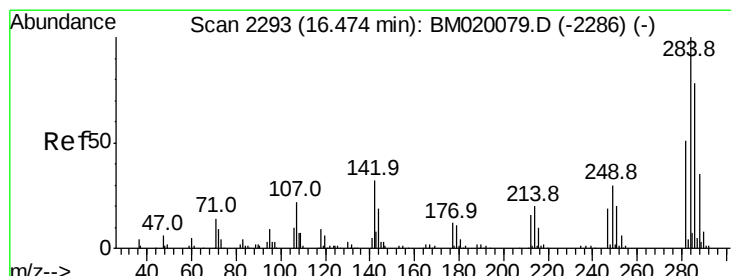
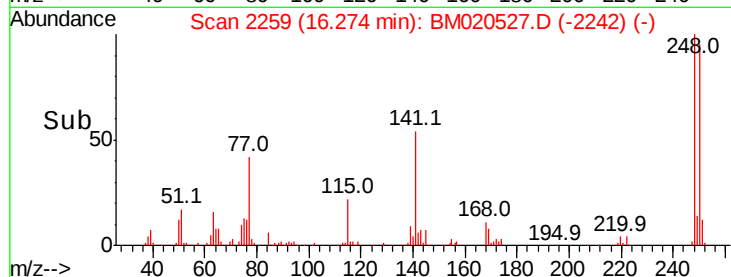
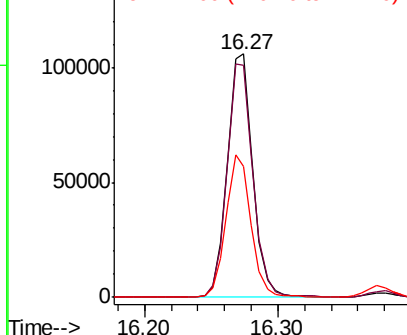
Tot Ion:	248	Resp:	142374
Ion Ratio	Lower	Upper	
248	100		
250	95.1	78.4	117.6
141	54.1	57.4	86.2#

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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: 42.915 ng

RT: 16.37 min Scan# 2276

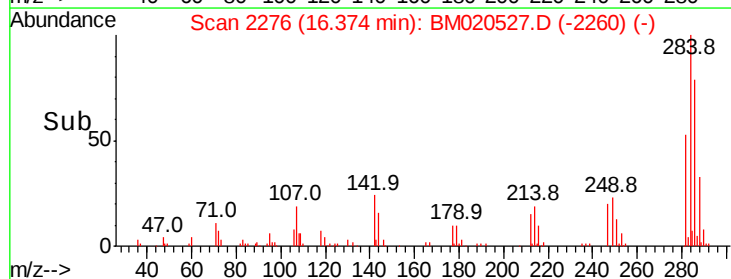
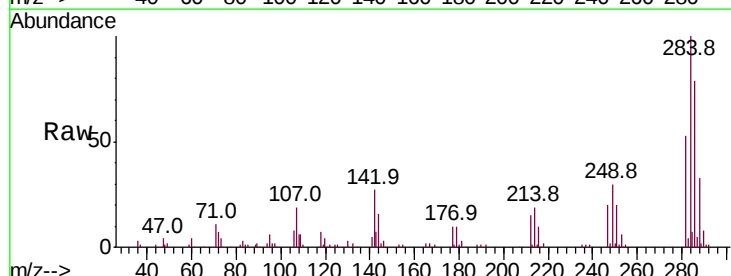
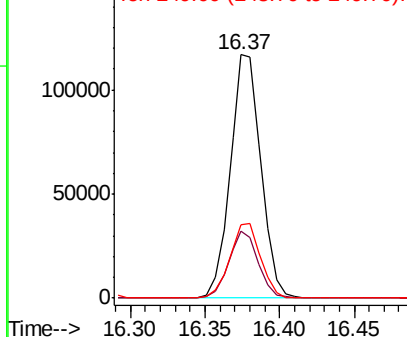
Delta R.T. -0.01 min

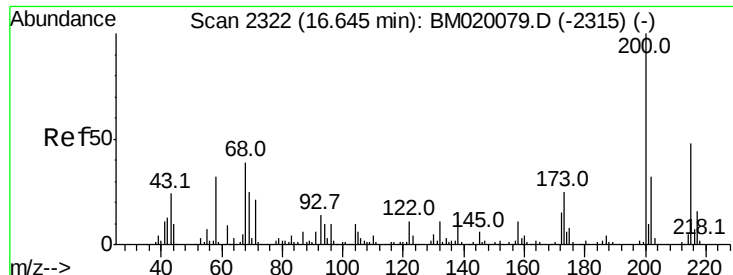
Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	284	Resp:	167134
Ion Ratio	Lower	Upper	
284	100		
142	27.4	25.2	37.8
249	30.0	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





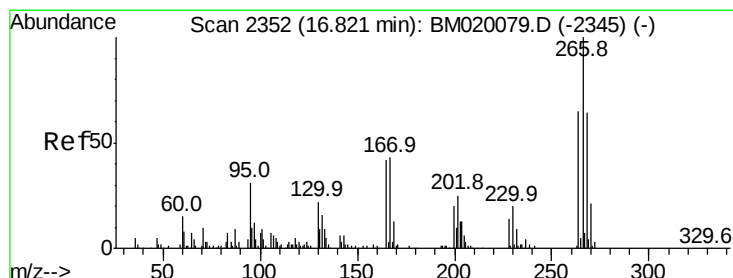
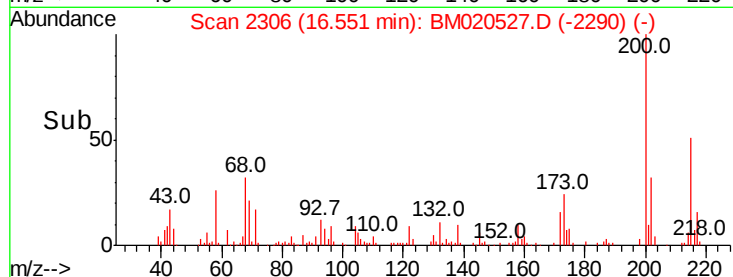
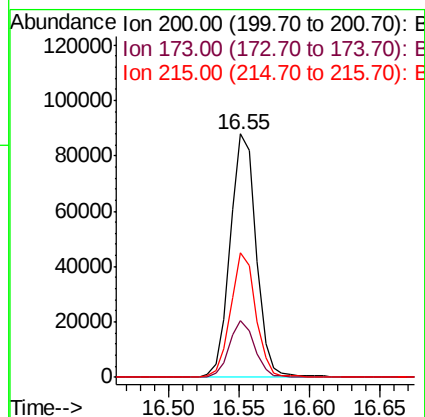
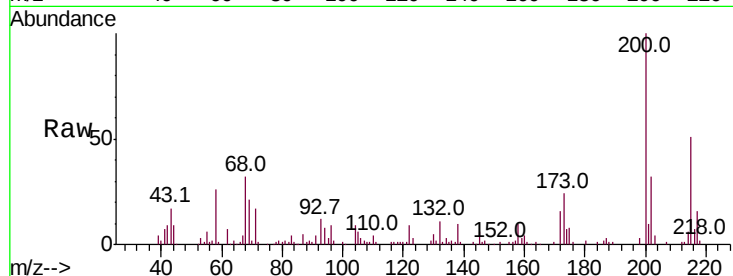
#69
Atrazine
Concen: 35.542 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.5	4.6	44.6
215	50.9	28.0	68.0

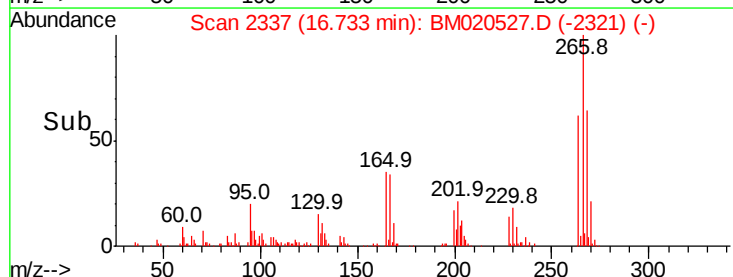
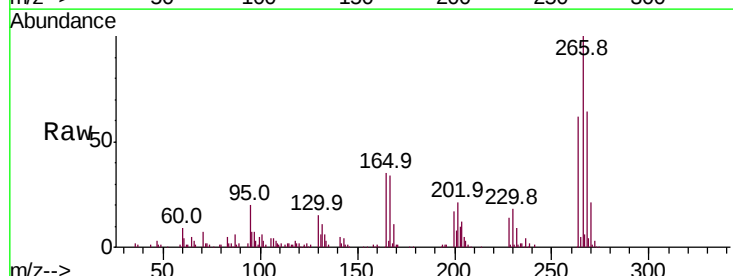
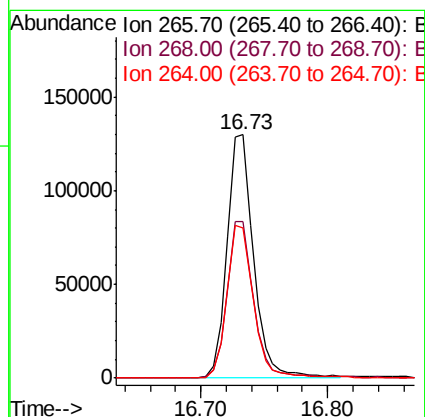
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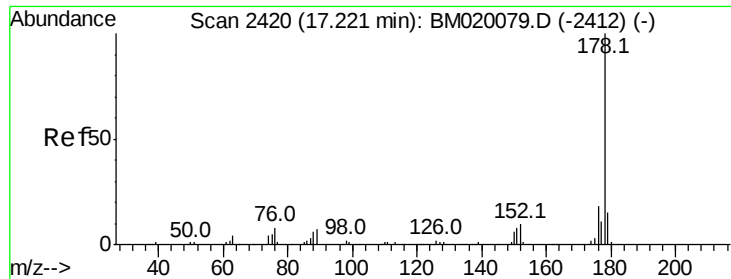
Sohil
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#70
Pentachlorophenol
Concen: 84.647 ng
RT: 16.73 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	51.4	77.0
264	61.9	52.0	78.0





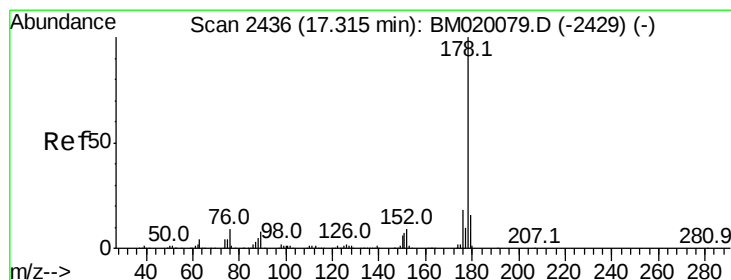
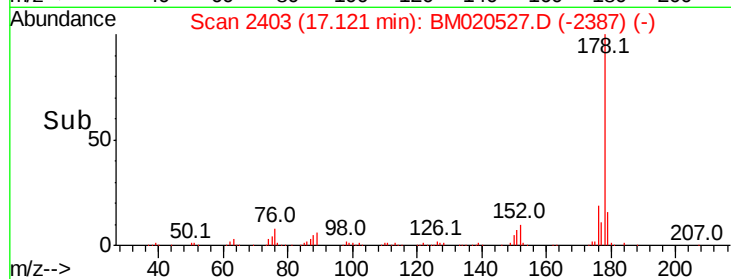
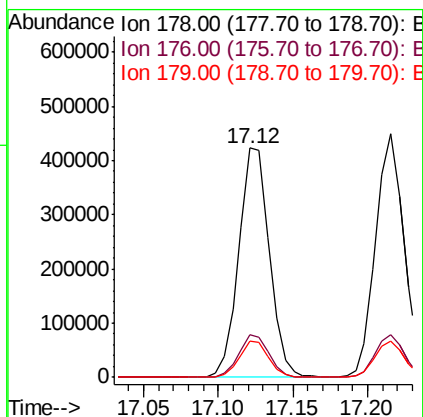
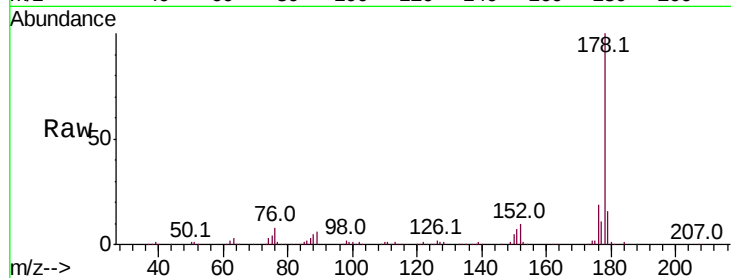
#71
Phenanthrene
Concen: 39.626 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.6	12.4	18.6

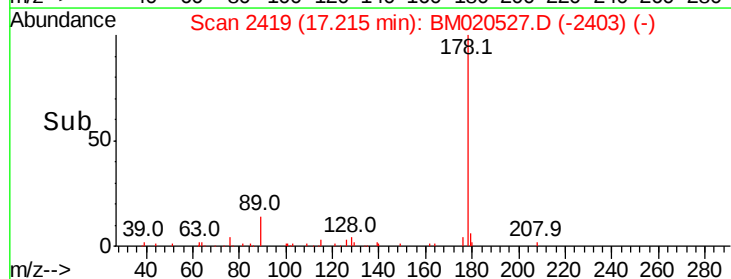
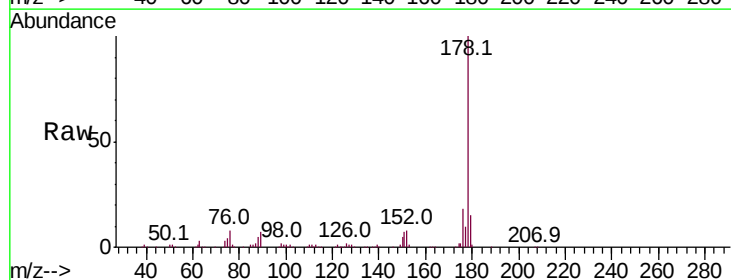
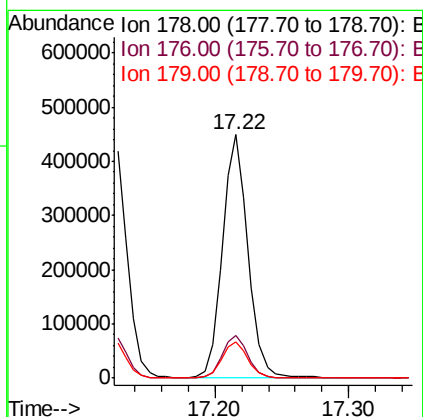
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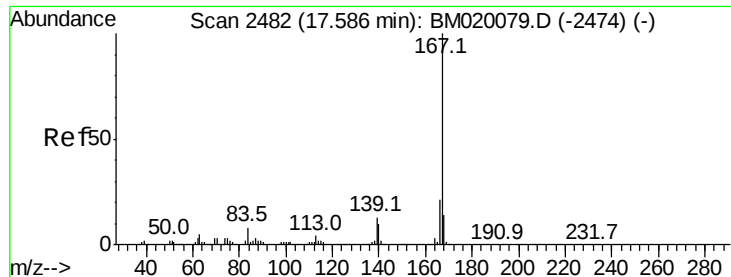
Sohil
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#72
Anthracene
Concen: 39.083 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	15.1	12.4	18.6





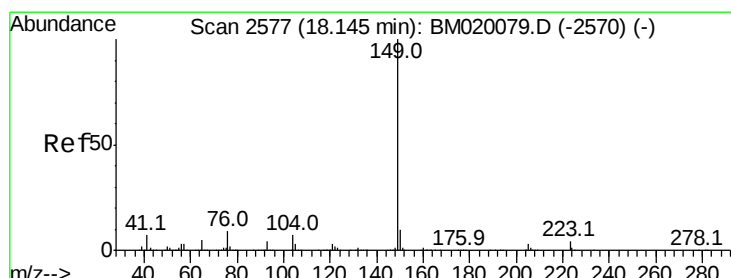
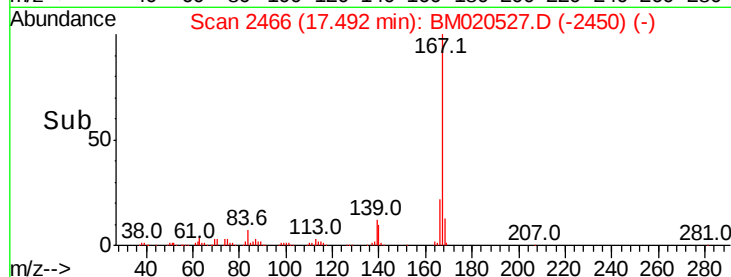
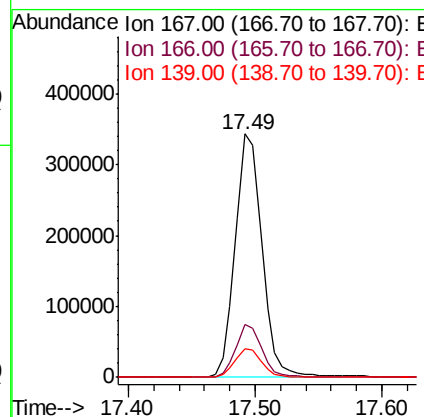
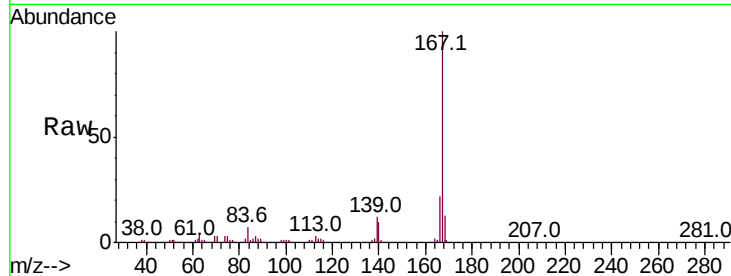
#73
 Carbazole
 Concen: 36.563 ng
 RT: 17.49 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.6	17.0	25.6	
139	11.5	10.6	16.0	

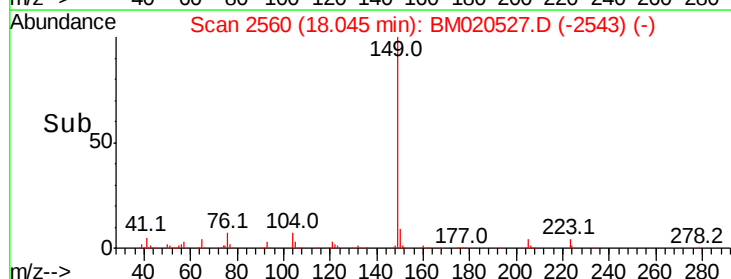
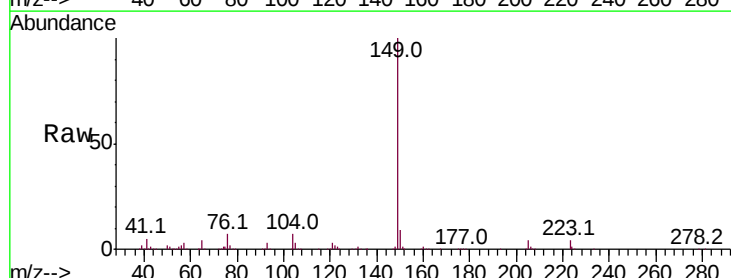
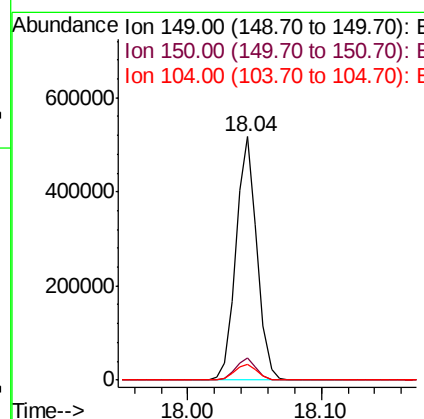
Manual Integrations
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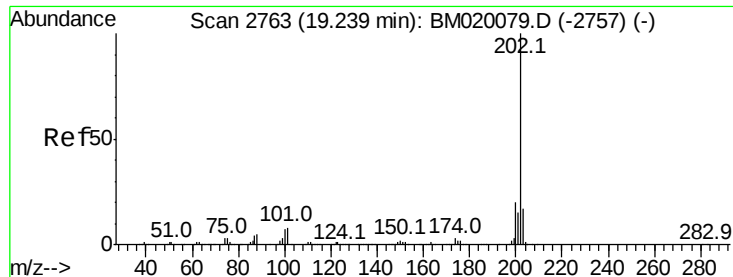
Sohil
 5/24/2019 5:01:41 PM



#74
 Di-n-butylphthalate
 Concen: 34.265 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	7.8	11.6	
104	6.6	5.7	8.5	





#75

Fluoranthene

Concen: 40.513 ng

RT: 19.14 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

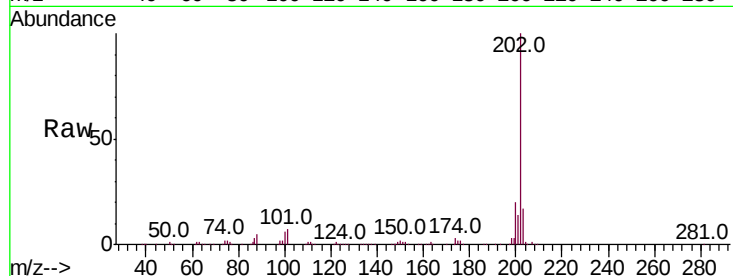
ClientSampleId :

OK-01-052119MSD

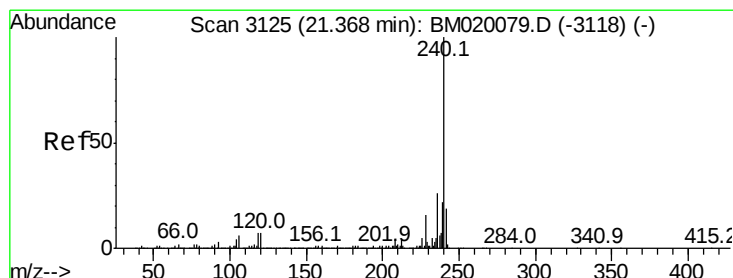
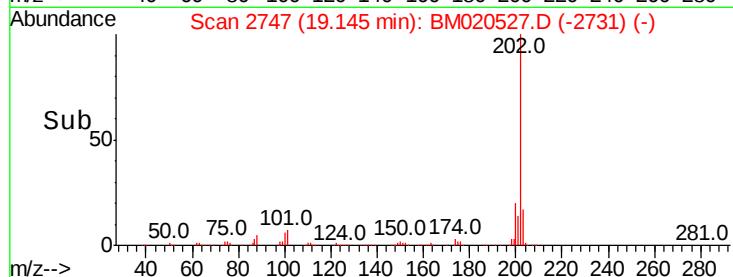
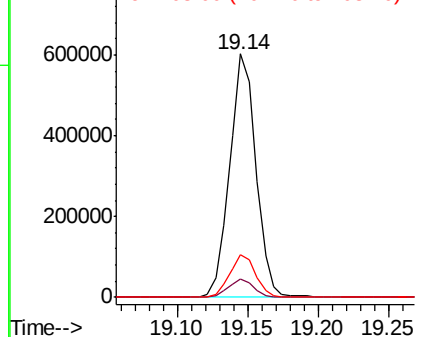
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	0.0	28.4
203	17.4	0.0	37.4

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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

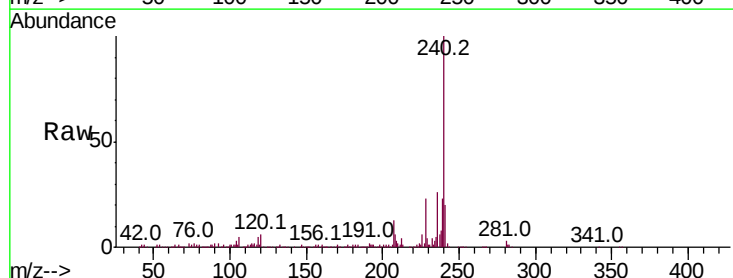
RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

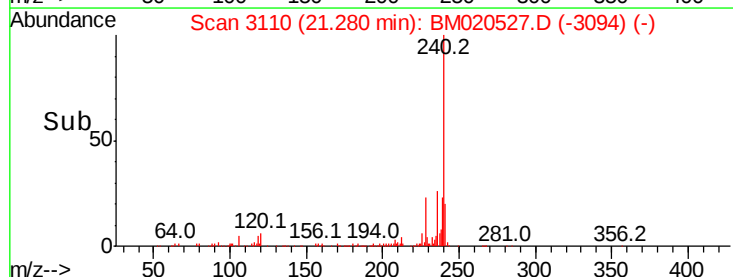
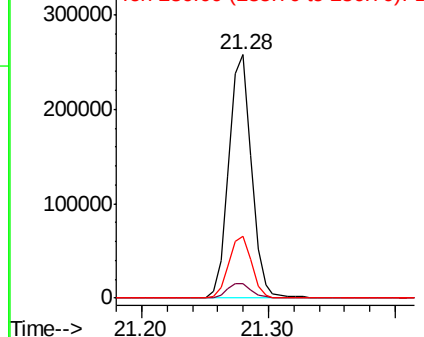
Lab File: BM020527.D

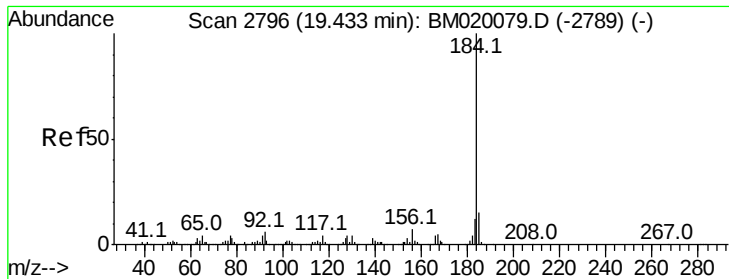
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.9	5.6	8.4
236	25.6	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.178 ng

RT: 19.36 min Scan# 2784

Delta R.T. 0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

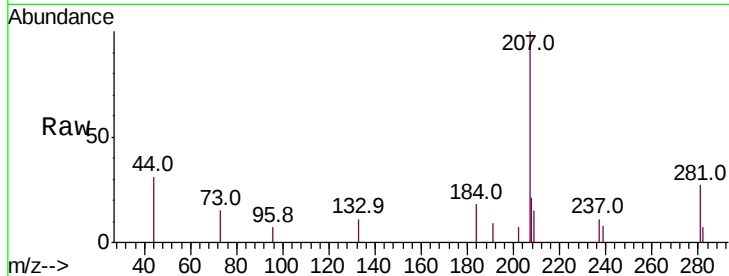
ClientSampleId :

OK-01-052119MSD

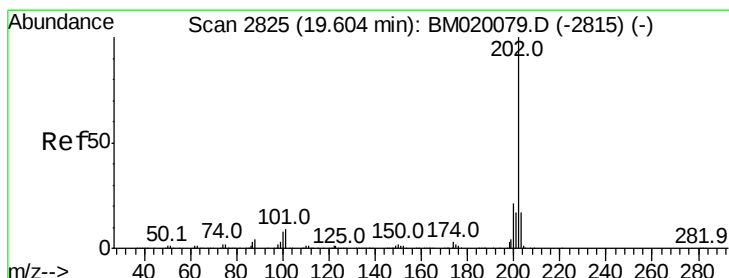
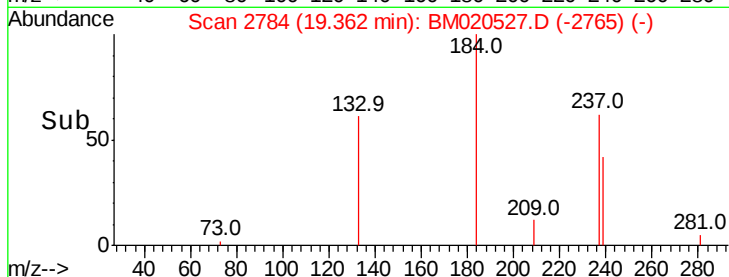
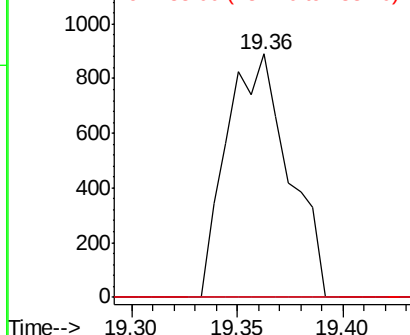
Tot Ion:	184	Resp:	1819
Ion Ratio	Lower	Upper	
184	100		
185	0.0	12.0	18.0#
183	0.0	9.5	14.3#

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.482 ng

RT: 19.51 min Scan# 2809

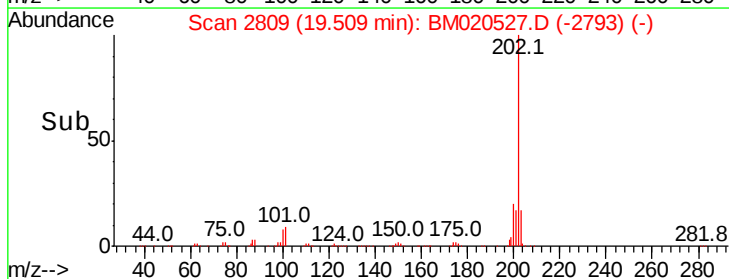
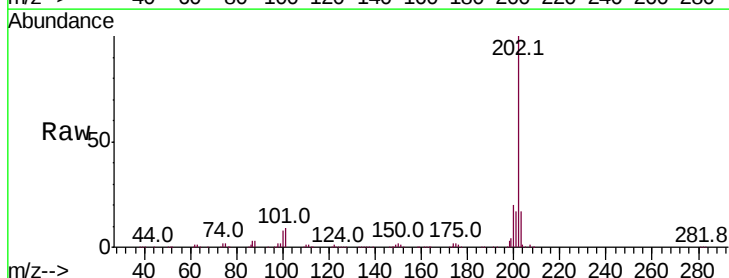
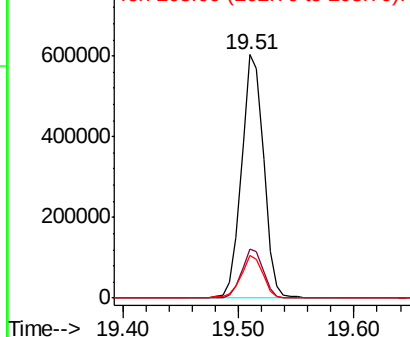
Delta R.T. -0.01 min

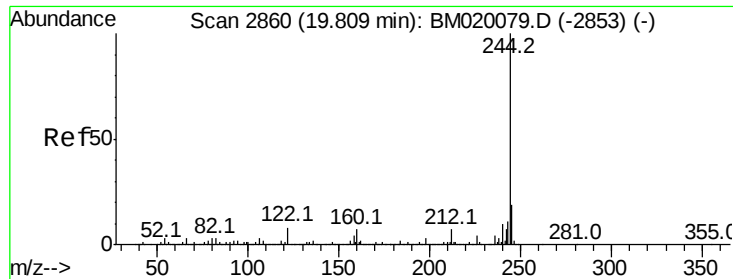
Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	202	Resp:	803466
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.5	24.7
203	17.4	13.9	20.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





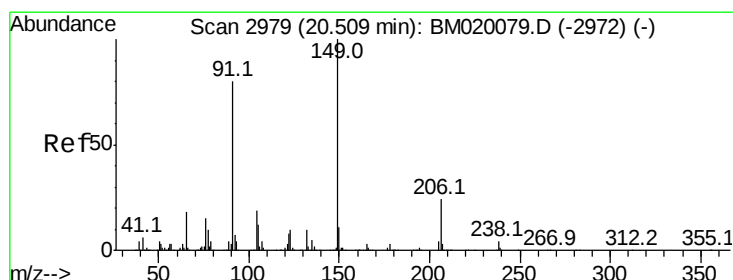
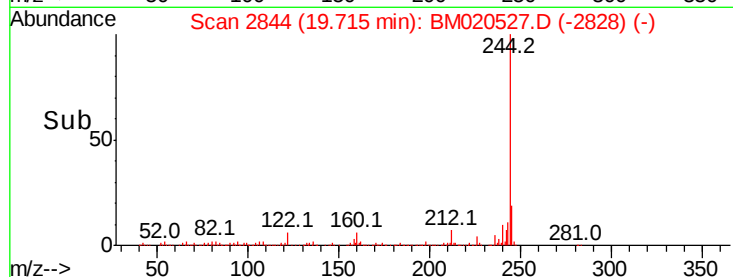
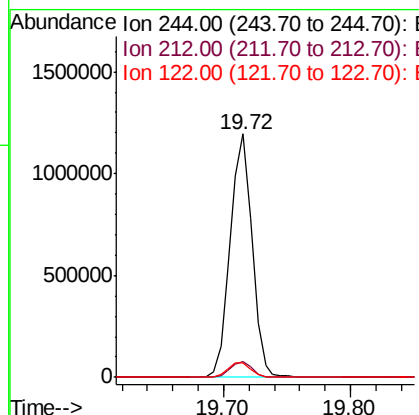
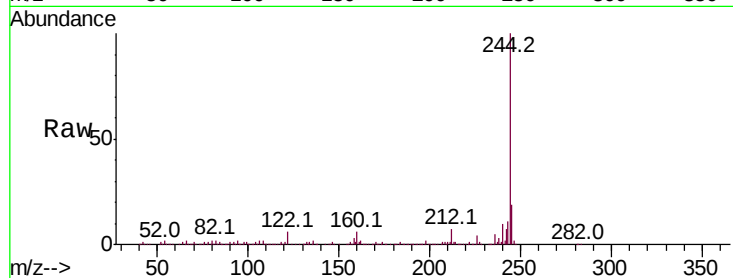
#79
 Terphenyl-d14
 Concen: 77.853 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	6.2	6.2	9.2

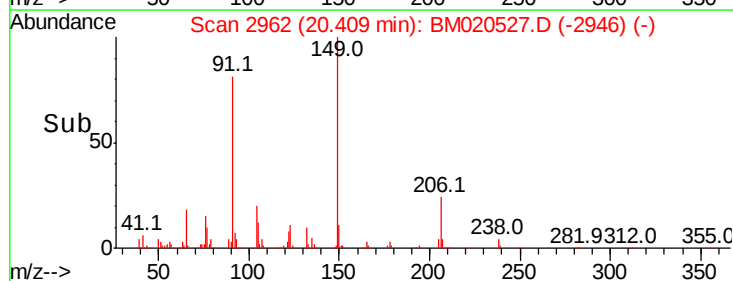
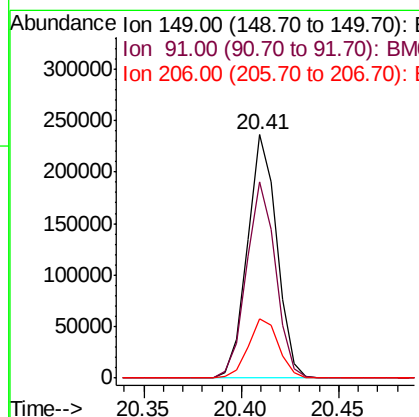
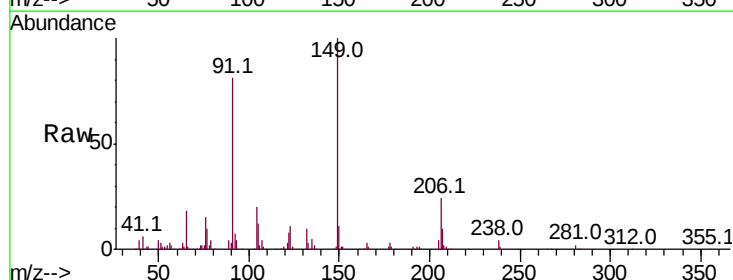
Manual Integrations
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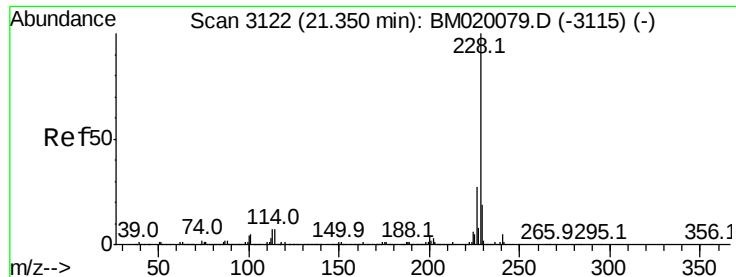
Sohil
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#80
 Butylbenzylphthalate
 Concen: 31.640 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. -0.01 min
 Lab File: BM020527.D
 Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.7	63.8	95.8
206	24.5	18.9	28.3





#81

Benzo(a)anthracene

Concen: 37.381 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

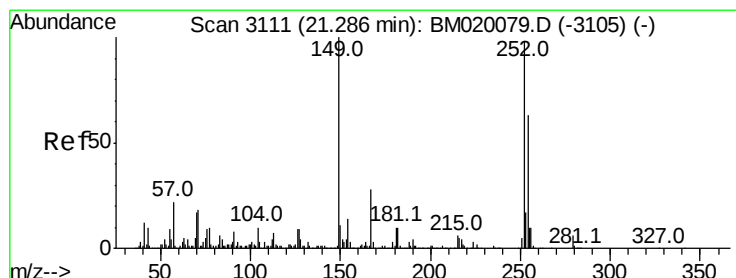
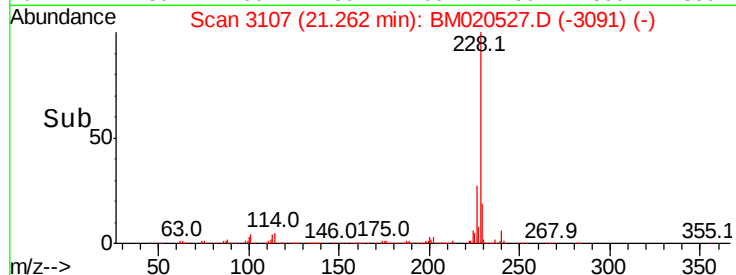
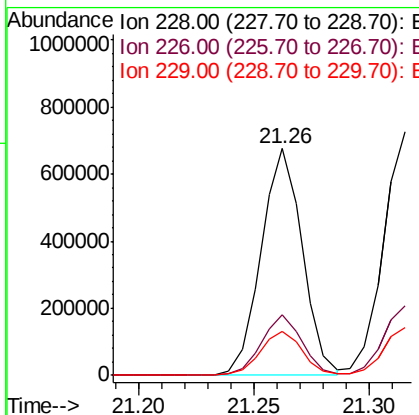
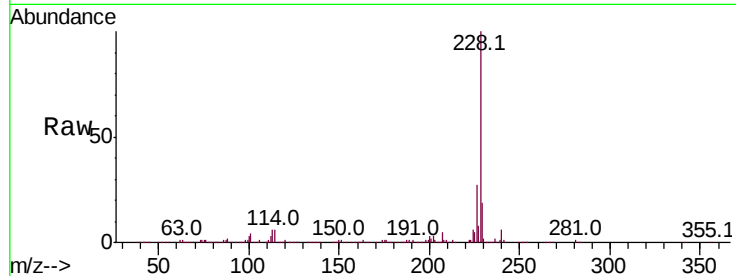
ClientSampleId :

OK-01-052119MSD

Tot Ion:	228	Resp:	837010
Ion Ratio	Lower	Upper	
228	100		
226	26.5	21.3	31.9
229	19.4	15.5	23.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 15.168 ng

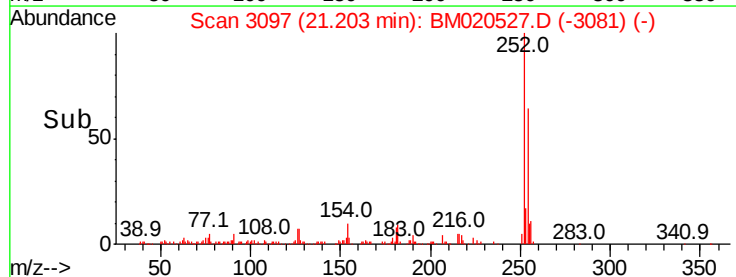
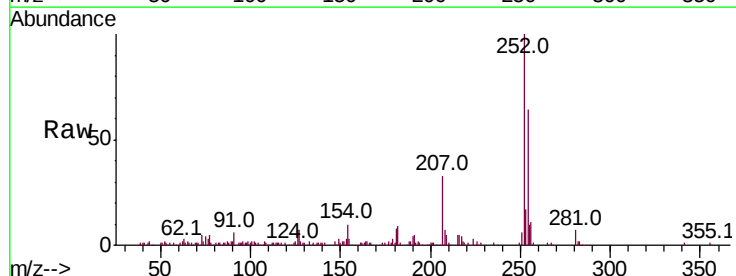
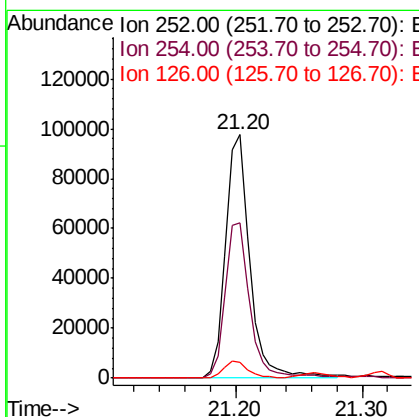
RT: 21.20 min Scan# 3097

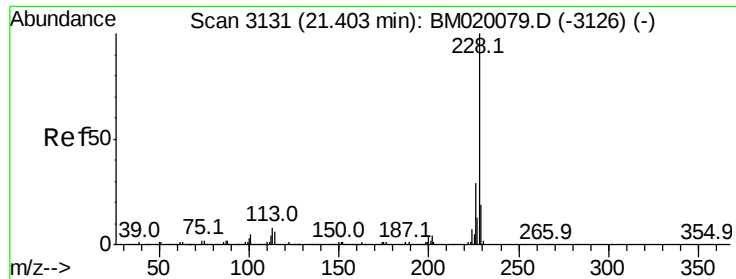
Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	252	Resp:	129622
Ion Ratio	Lower	Upper	
252	100		
254	63.8	51.1	76.7
126	6.5	7.1	10.7#





#83

Chrysene

Concen: 38.781 ng

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

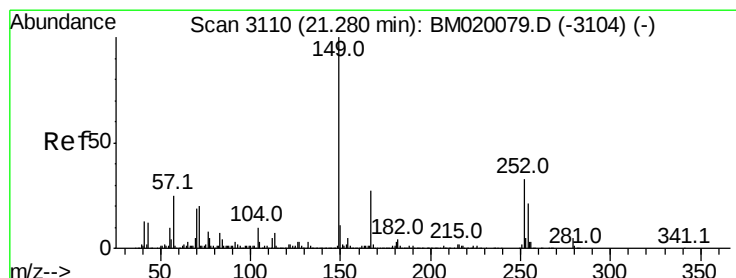
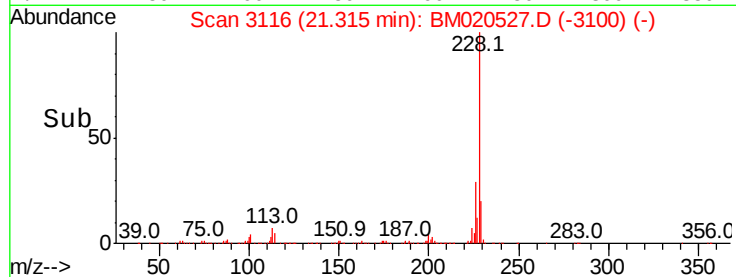
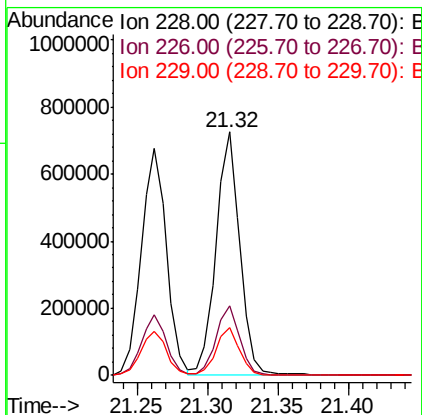
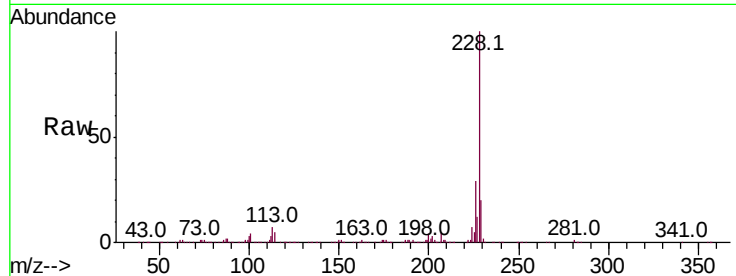
ClientSampleId :

OK-01-052119MSD

Tot Ion:	228	Resp:	842147
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.0	34.6
229	19.8	15.5	23.3

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 31.275 ng

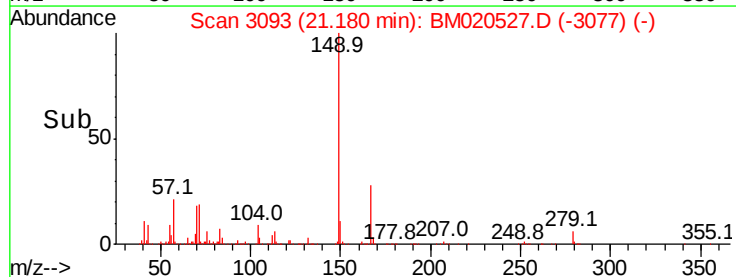
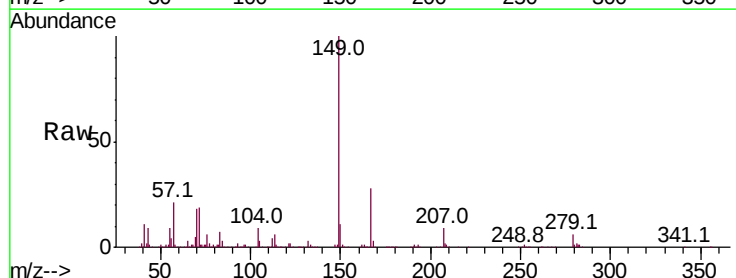
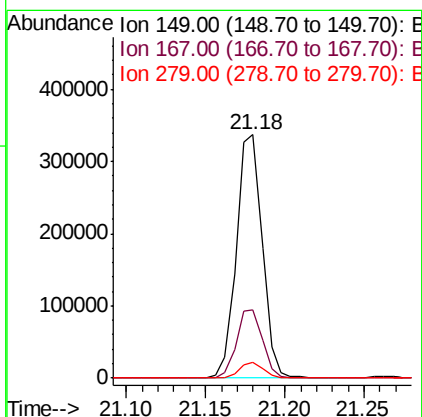
RT: 21.18 min Scan# 3093

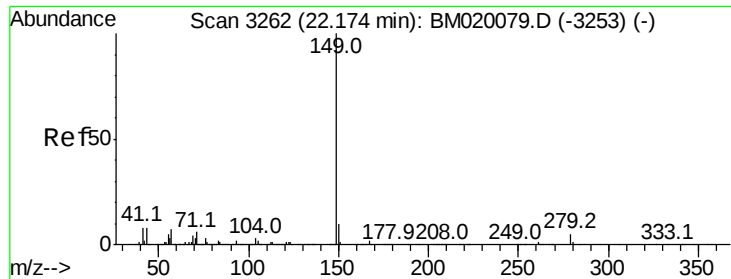
Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	149	Resp:	378315
Ion Ratio	Lower	Upper	
149	100		
167	28.2	21.8	32.8
279	6.4	4.2	6.2#





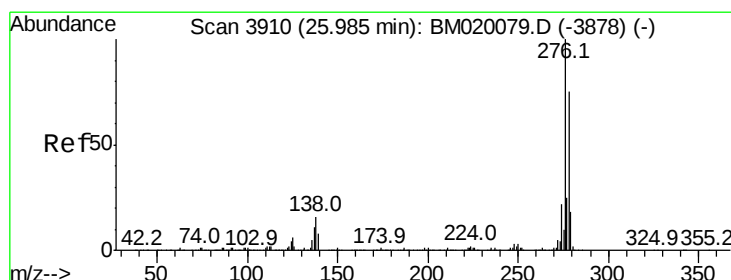
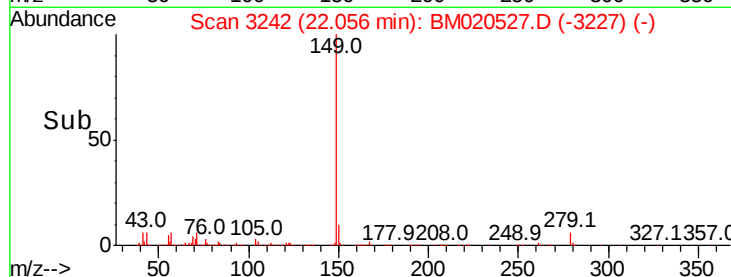
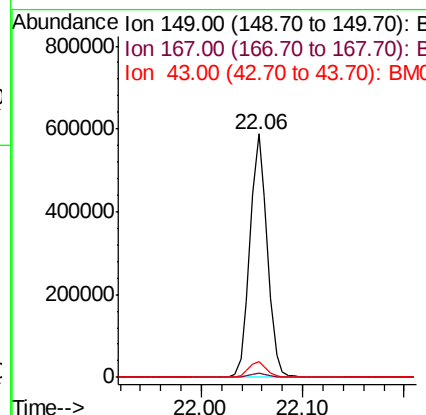
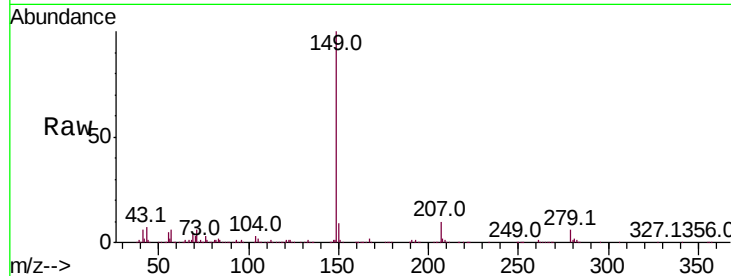
#85
Di-n-octyl phthalate
Concen: 34.591 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.4	6.5	9.7#

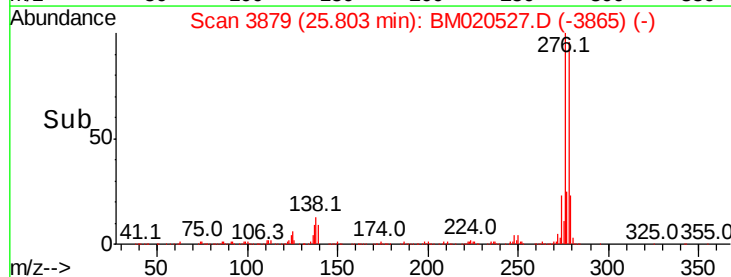
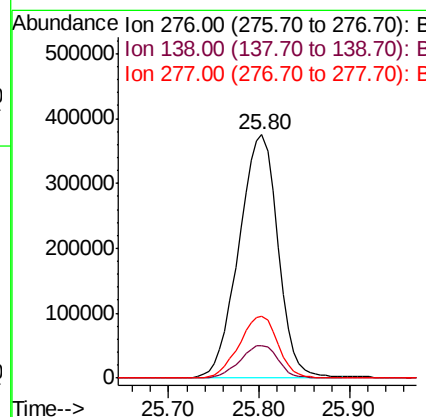
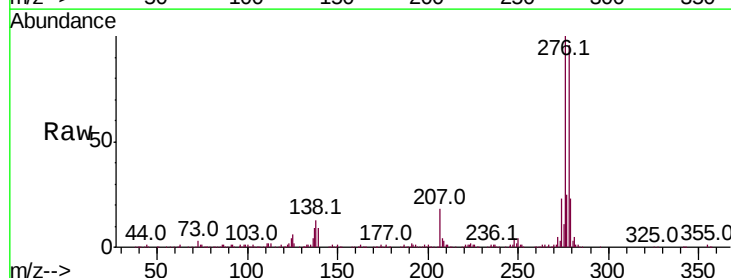
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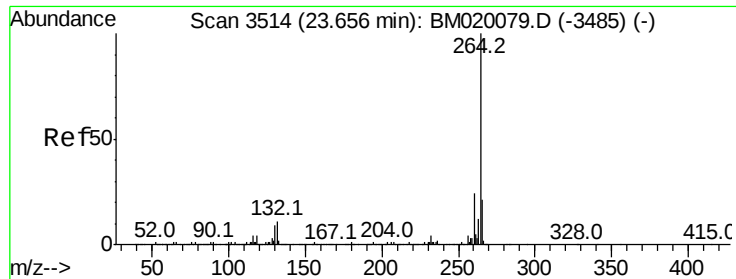
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.302 ng
RT: 25.80 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.4	0.0	0.0#
277	25.3	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

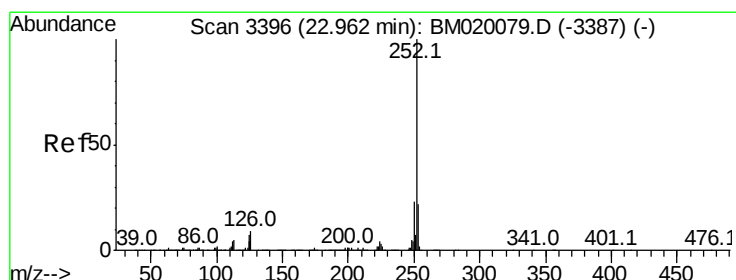
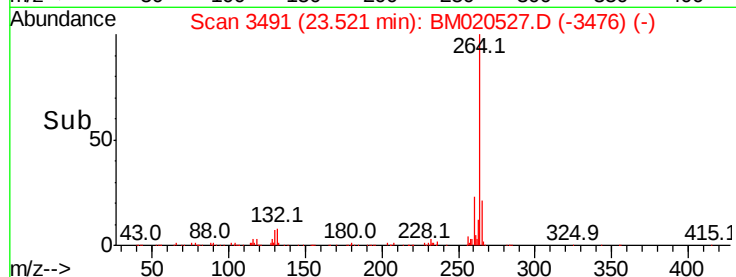
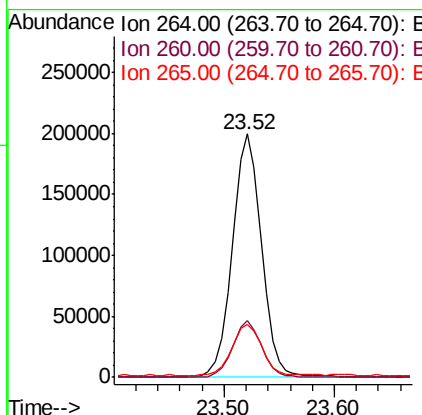
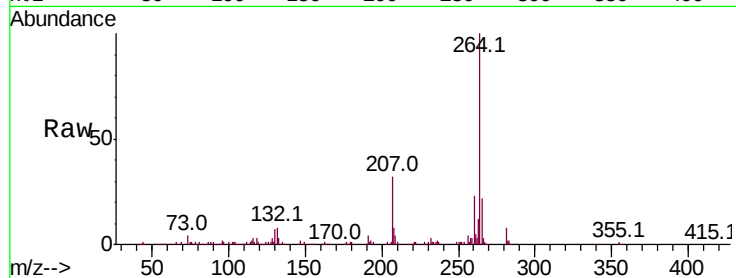
ClientSampleId :

OK-01-052119MSD

Tot Ion:	264	Resp:	370568
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.7	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 38.966 ng

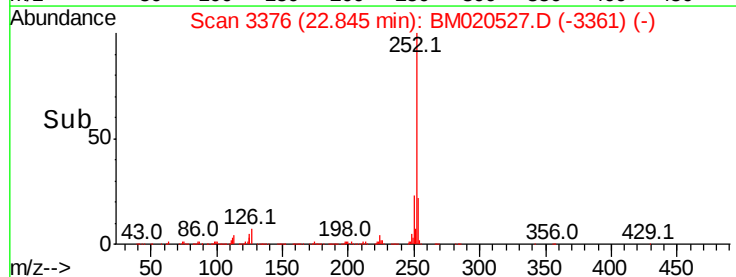
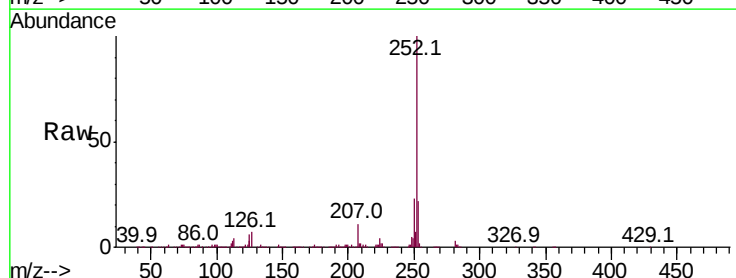
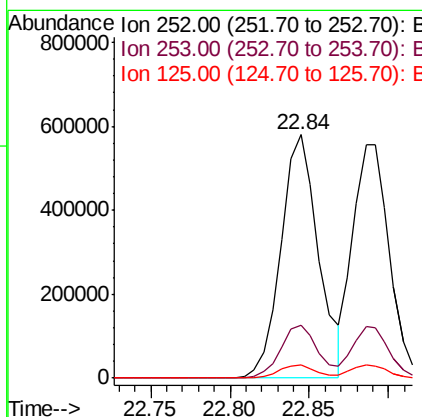
RT: 22.84 min Scan# 3376

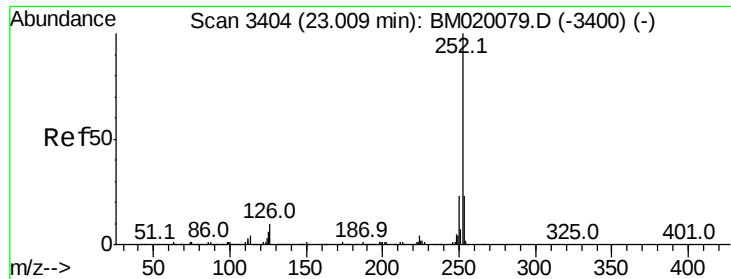
Delta R.T. -0.01 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion:	252	Resp:	953513
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	5.5	5.4	8.2





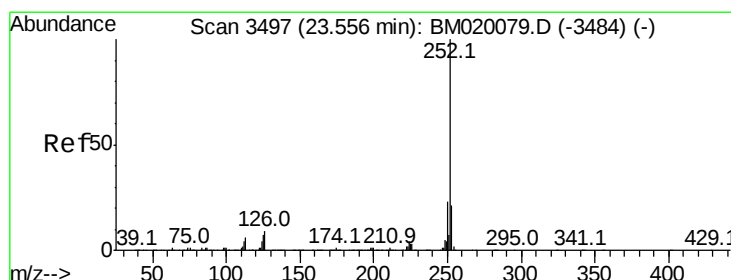
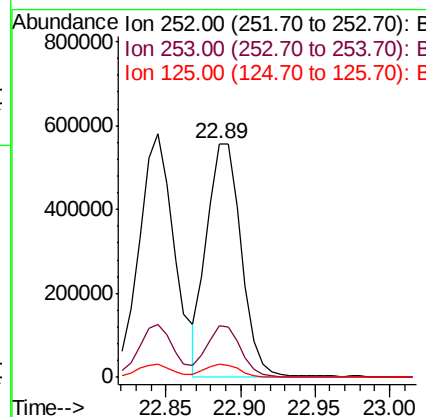
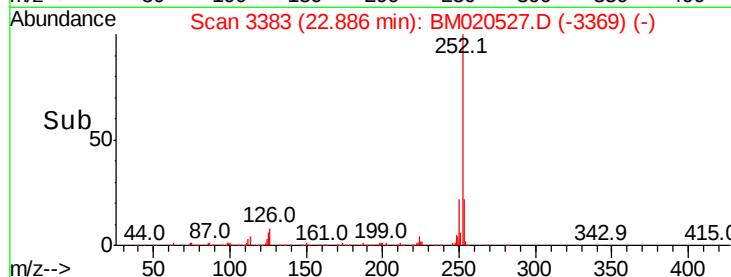
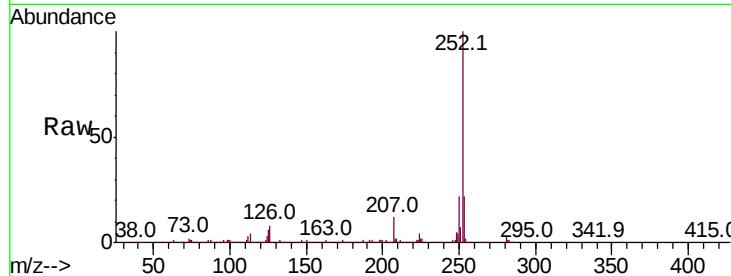
#89
Benzo(k)fluoranthene
Concen: 39.917 ng
RT: 22.89 min Scan# 3383
Delta R.T. -0.02 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MSD

Tot Ion:	252	Resp:	891013
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	5.7	5.4	8.0

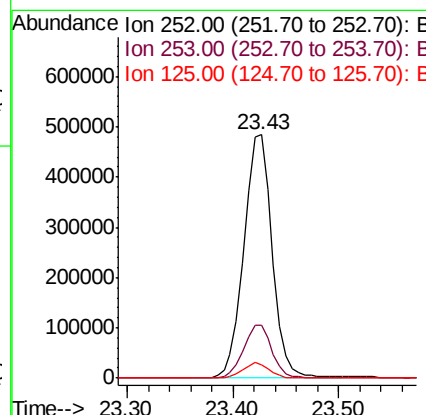
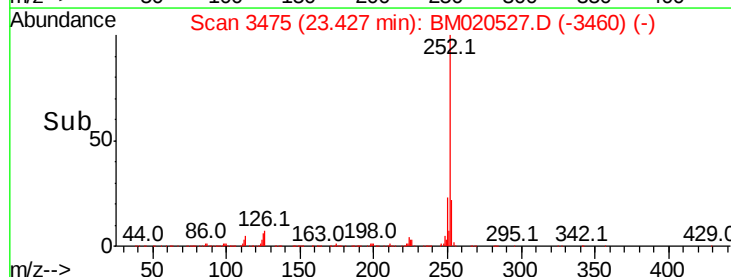
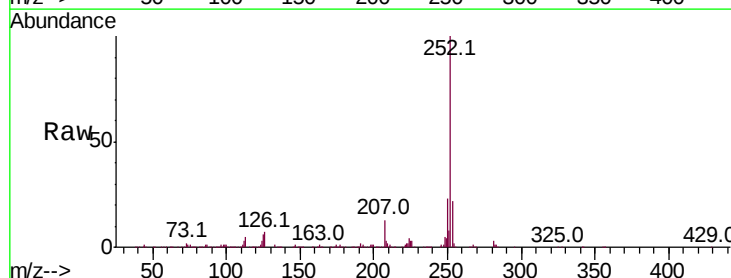
Manual Integrations
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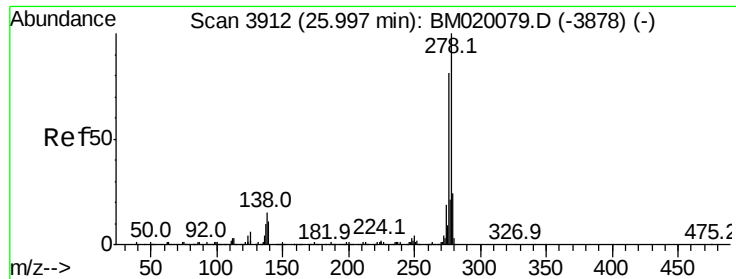
Sohil
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#90
Benzo(a)pyrene
Concen: 40.362 ng
RT: 23.43 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM020527.D
Acq: 23 May 2019 21:58

Tgt Ion:	252	Resp:	897130
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	5.6	5.5	8.3





#91

Dibenzo(a,h)anthracene

Concen: 41.912 ng

RT: 25.81 min Scan# 3880

Delta R.T. -0.02 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Instrument :

BNA_M

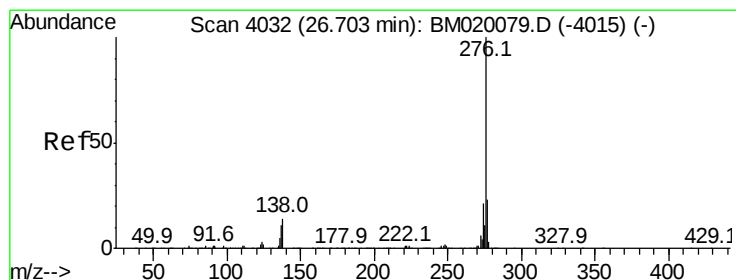
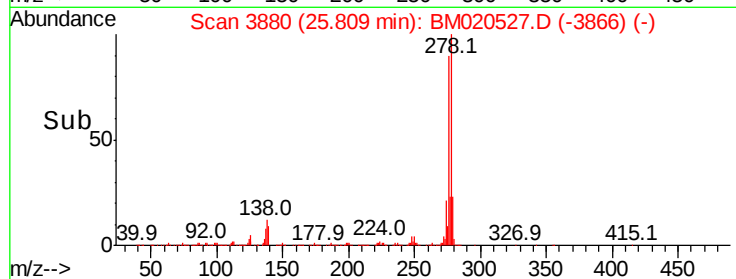
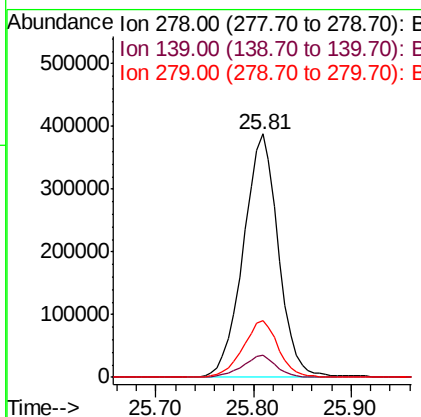
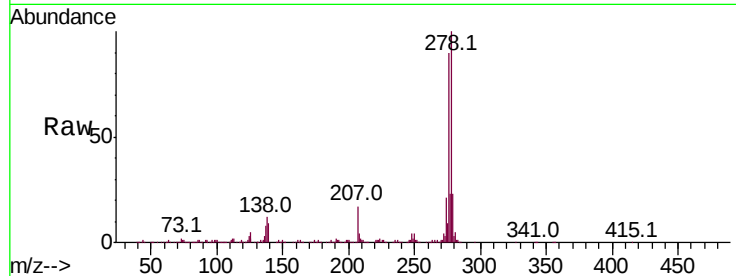
ClientSampleId :

OK-01-052119MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	8.6	13.0
279	23.3	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/24/2019 5:01:41 PM



#92

Benzo(g,h,i)perylene

Concen: 43.065 ng

RT: 26.50 min Scan# 3997

Delta R.T. -0.02 min

Lab File: BM020527.D

Acq: 23 May 2019 21:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	10.9	11.1	16.7#

