

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026365.D
 Acq On : 11 Jun 2020 20:38
 Operator : JU/CG
 Sample : L2954-02MSD 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 239-355MSD

Manual Integrations
 APPROVED

Quant Time: Jun 12 02:02:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	170760	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	709894	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	429537	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	852444	20.00	ng	0.00
76) Chrysene-d12	21.04	240	830748	20.00	ng	0.00
86) Perylene-d12	23.15	264	888312	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	398248	41.23	ng	0.00
7) Phenol-d6	6.63	99	550809	39.38	ng	0.00
23) Nitrobenzene-d5	8.57	82	364069	25.18	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	193124	37.12	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	761906	26.93	ng	0.00
79) Terphenyl-d14	19.49	244	1100914	25.72	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	54082	12.420	ng	98
3) Pyridine	3.42	79	148441	11.606	ng	98
4) n-Nitrosodimethylamine	3.33	42	80227	12.669	ng	# 93
6) Aniline	6.77	93	173984	9.484	ng	98
8) 2-Chlorophenol	7.00	128	179655	16.127	ng	95
9) Benzaldehyde	6.58	77	120527	13.515	ng	97
10) Phenol	6.66	94	239996	16.114	ng	98
11) bis(2-Chloroethyl)ether	6.87	93	175058	14.592	ng	95
12) 1,3-Dichlorobenzene	7.31	146	191152	15.498	ng	97
13) 1,4-Dichlorobenzene	7.46	146	195786	15.584	ng	99
14) 1,2-Dichlorobenzene	7.77	146	190726	15.542	ng	98
15) Benzyl Alcohol	7.67	79	162761	13.705	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	295836	13.204	ng	97
17) 2-Methylphenol	7.89	107	158149	14.528	ng	95
18) Hexachloroethane	8.48	117	45563	9.576	ng	95
19) n-Nitroso-di-n-propylamine	8.23	70	147648	13.548	ng	96
20) 3+4-Methylphenols	8.21	107	208494	14.052	ng	98
22) Acetophenone	8.24	105	264401	14.485	ng	98
24) Nitrobenzene	8.61	77	217660	14.381	ng	97
25) Isophorone	9.14	82	386159	14.217	ng	98
26) 2-Nitrophenol	9.32	139	64592	10.783	ng	96
27) 2,4-Dimethylphenol	9.40	122	157695	16.677	ng	96
28) bis(2-Chloroethoxy)methane	9.62	93	232031	15.057	ng	99
29) 2,4-Dichlorophenol	9.85	162	165472	15.949	ng	98
30) 1,2,4-Trichlorobenzene	10.06	180	177974	15.643	ng	95
31) Naphthalene	10.23	128	556991	15.570	ng	99
32) Benzoic acid	9.54	122	111061	18.198	ng	93
33) 4-Chloroaniline	10.36	127	154876	9.926	ng	97
34) Hexachlorobutadiene	10.52	225	111338	15.502	ng	97
35) Caprolactam	11.15	113	51904m	14.240	ng	
36) 4-Chloro-3-methylphenol	11.50	107	191911	15.180	ng	99
37) 2-Methylnaphthalene	11.86	142	393178	15.423	ng	99
38) 1-Methylnaphthalene	12.08	142	371728	15.393	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	199898	16.349	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.50	196	132322	15.989	nq	98
44) 2,4,5-Trichlorophenol	12.57	196	142856	14.871	nq	98
46) 1,1'-Biphenyl	12.90	154	484199	16.079	nq	100
47) 2-Chloronaphthalene	12.93	162	376037	15.373	nq	100
48) 2-Nitroaniline	13.16	65	151329	15.610	nq	94
49) Acenaphthylene	13.79	152	592359	15.141	nq	100
50) Dimethylphthalate	13.55	163	615409	19.588	nq	100
51) 2,6-Dinitrotoluene	13.67	165	86474	12.543	nq	97
52) Acenaphthene	14.14	154	357281	15.212	nq	99
53) 3-Nitroaniline	14.00	138	104375	13.596	nq	94
55) Dibenzofuran	14.48	168	568473	15.022	nq	99
56) 4-Nitrophenol	14.34	139	165143	27.126	nq	95
57) 2,4-Dinitrotoluene	14.47	165	111171	11.598	nq	98
58) Fluorene	15.14	166	455344	14.814	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.72	232	125192	15.236	nq	97
60) Diethylphthalate	14.93	149	465570	14.549	nq	99
61) 4-Chlorophenyl-phenylether	15.14	204	229741	14.091	nq	99
62) 4-Nitroaniline	15.17	138	118944	14.528	nq	94
63) Azobenzene	15.43	77	482607	13.784	nq	97
66) n-Nitrosodiphenylamine	15.36	169	392145	15.880	nq	99
67) 4-Bromophenyl-phenylether	16.03	248	142339	15.168	nq	99
68) Hexachlorobenzene	16.15	284	154083	15.736	nq	98
69) Atrazine	16.33	200	124724	16.906	nq	99
70) Pentachlorophenol	16.50	266	173361	29.399	nq	97
71) Phenanthrene	16.87	178	784591	17.674	nq	100
72) Anthracene	16.97	178	727784	16.427	nq	100
73) Carbazole	17.24	167	636629	15.153	nq	100
74) Di-n-butylphthalate	17.83	149	793749	16.020	nq	100
75) Fluoranthene	18.90	202	1056112	20.751	nq	99
77) Benzidine	19.10	184	202063	11.710	nq	98
78) Pyrene	19.27	202	1049400	19.118	nq	100
80) Butylbenzylphthalate	20.20	149	347905	15.674	nq	98
81) Benzo(a)anthracene	21.03	228	915491	18.359	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	234089	15.173	nq	99
83) Chrysene	21.08	228	887998	18.687	nq	100
84) Bis(2-ethylhexyl)phthalate	20.99	149	529581	16.732	nq	99
85) Di-n-octyl phthalate	21.84	149	888609	18.200	nq	# 99
87) Indeno(1,2,3-cd)pyrene	25.21	276	1005802	19.574	nq	98
88) Benzo(b)fluoranthene	22.53	252	979171	18.324	nq	99
89) Benzo(k)fluoranthene	22.57	252	866120	16.683	nq	99
90) Benzo(a)pyrene	23.06	252	875209	18.441	nq	99
91) Dibenzo(a,h)anthracene	25.23	278	772058	17.997	nq	98
92) Benzo(g,h,i)perylene	25.84	276	850490	20.834	nq	98

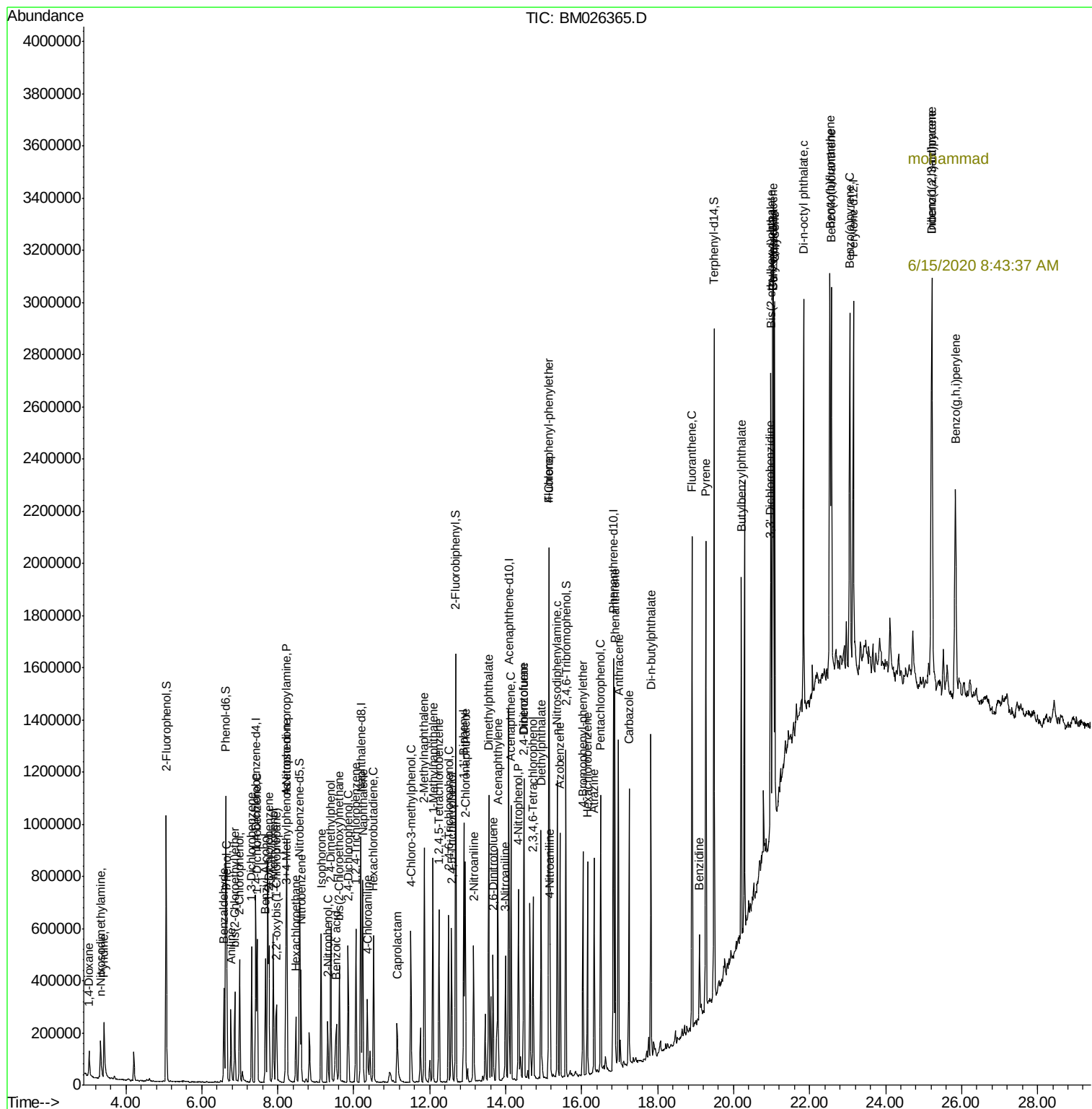
(#) = qualifier out of range (m) = manual integration (+) = signals summed

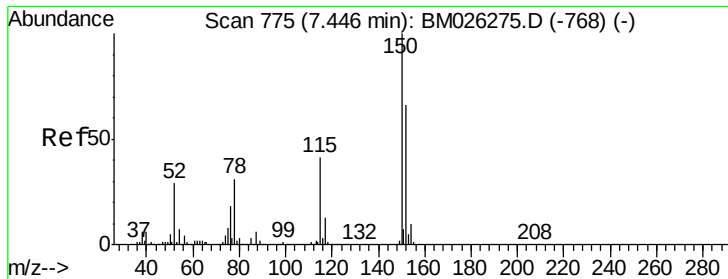
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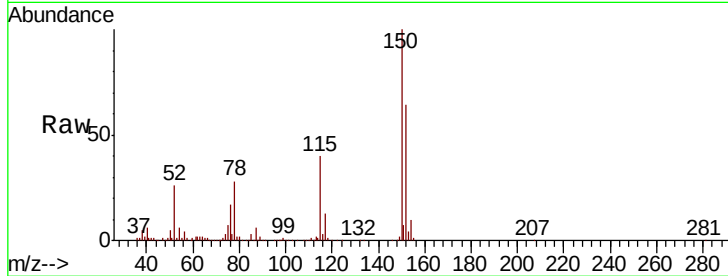
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

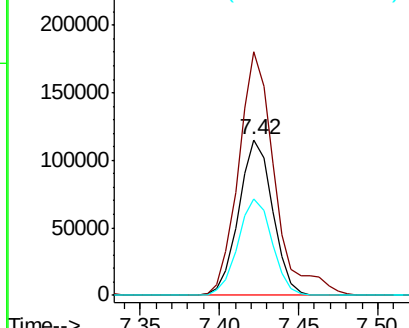
Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.1	183.1
115	62.1	49.7	74.5

Manual Integrations
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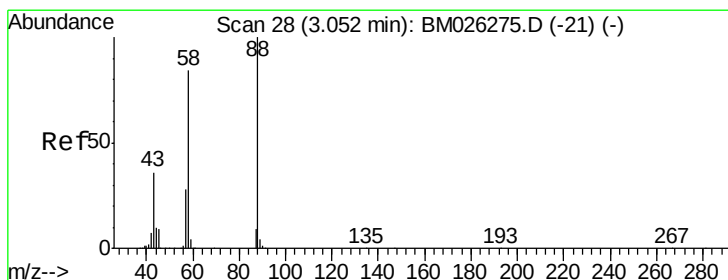
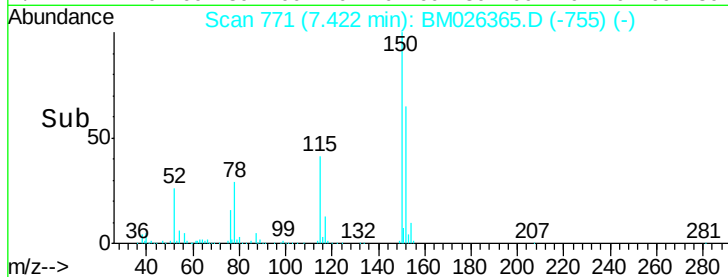


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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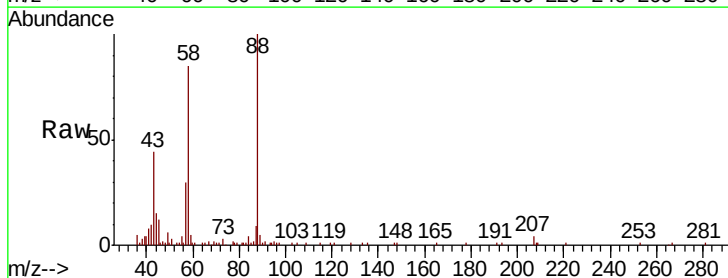
6/15/2020 8:43:37 AM



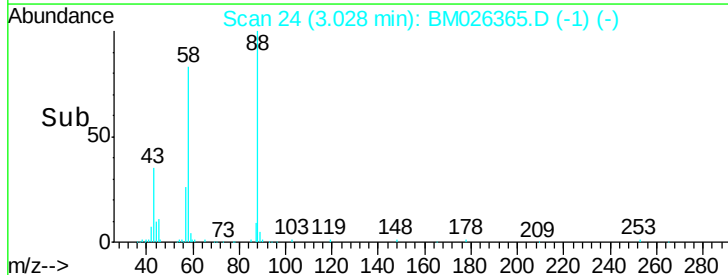
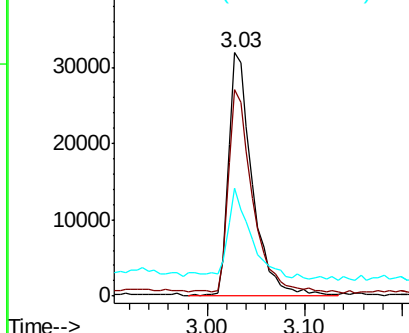
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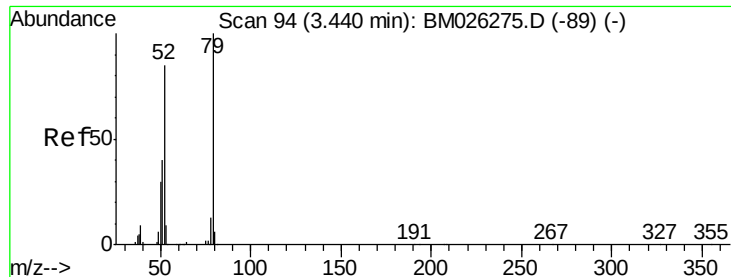
1,4-Dioxane
Concen: 12.420 ng
RT: 3.03 min Scan# 24
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	69.0	103.6
43	34.7	28.6	43.0



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



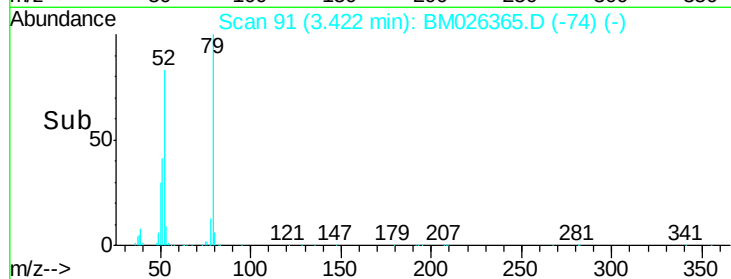
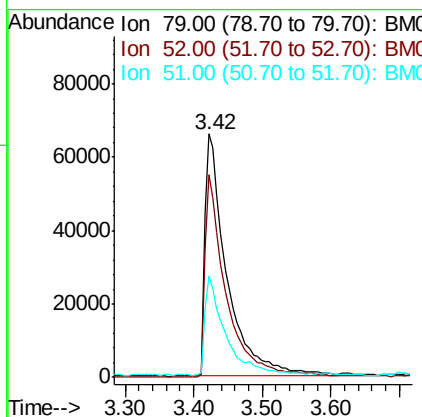
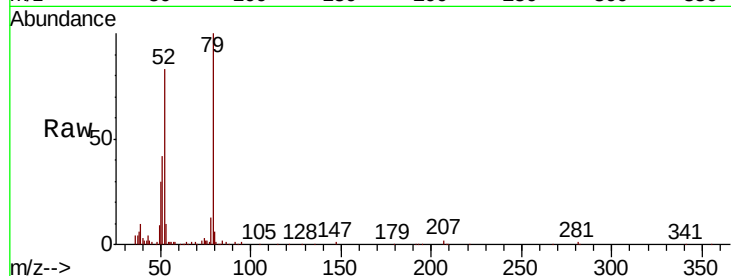


#3
 Pvridine
 Concen: 11.606 ng
 RT: 3.42 min Scan# 91
 Delta R.T. -0.00 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Instrument :
 BNA_M
 ClientSampleId :
 239-355MSD

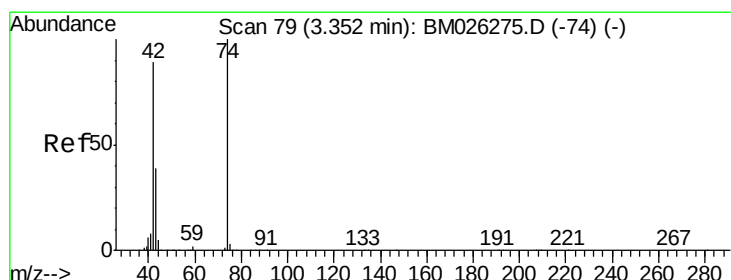
Tot Ion	Ratio	Lower	Upper
79	100		
52	83.0	67.9	101.9
51	41.8	32.7	49.1

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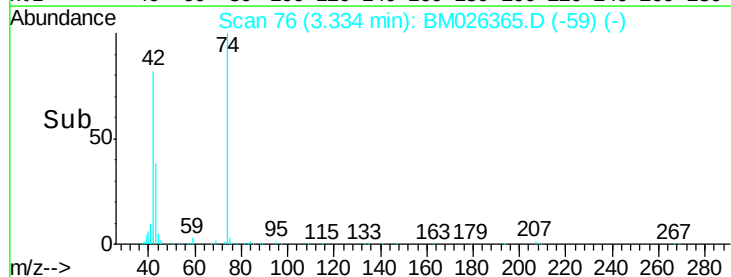
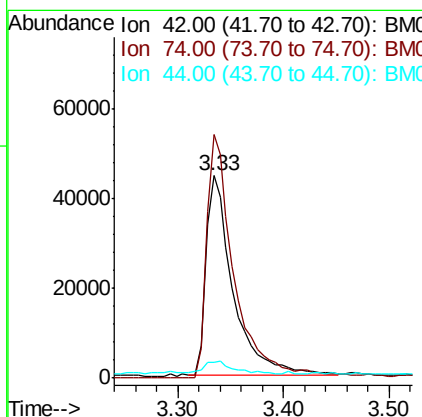
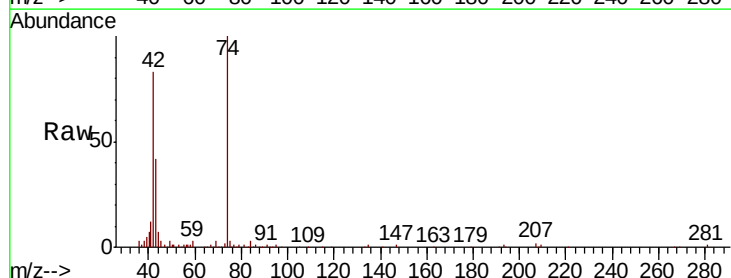
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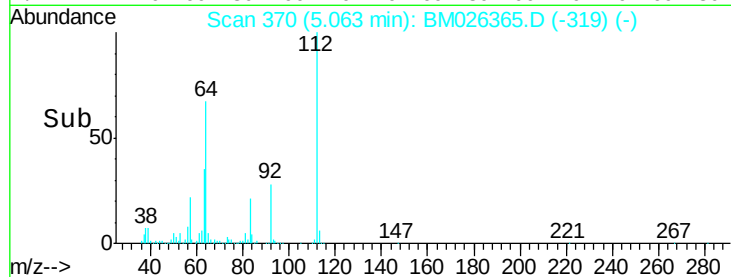
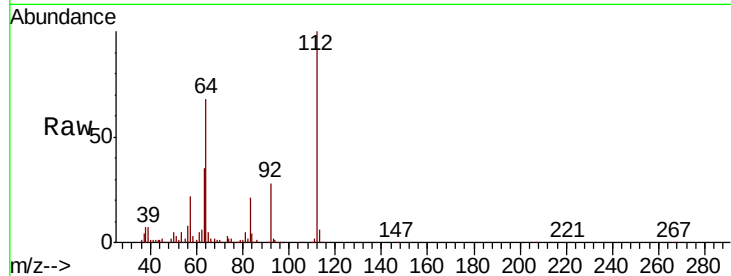
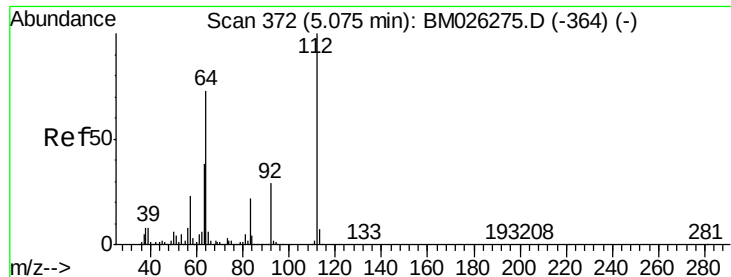
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#4
 n-Nitrosodimethylamine
 Concen: 12.669 ng
 RT: 3.33 min Scan# 76
 Delta R.T. -0.00 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.3	89.9	134.9
44	7.9	5.2	7.8#



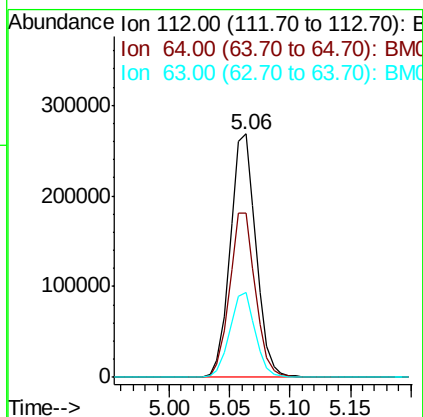


#5
2-Fluorophenol
Concen: 41.234 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tot Ion:	112	Resp:	398248
Ion Ratio	Lower	Upper	
112	100		
64	67.5	58.1	87.1
63	35.0	30.6	45.8

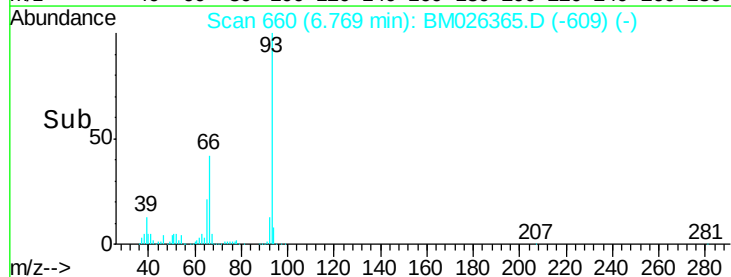
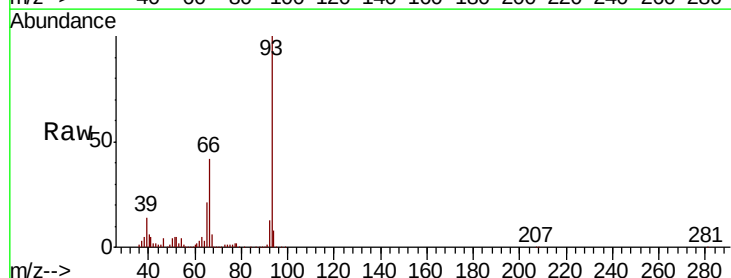
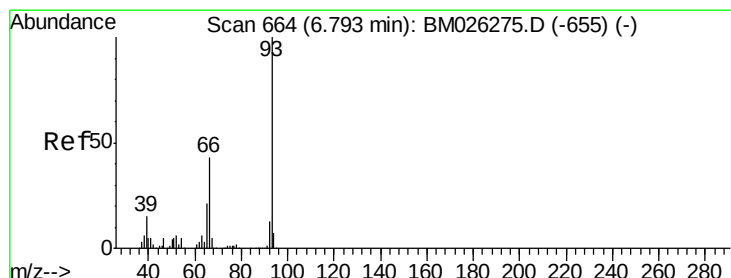
Instrument :
BNA_M
ClientSampleId :
239-355MSD

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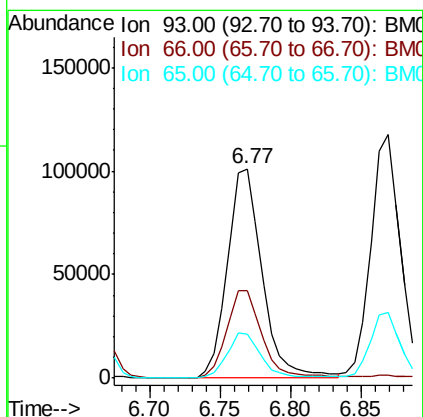
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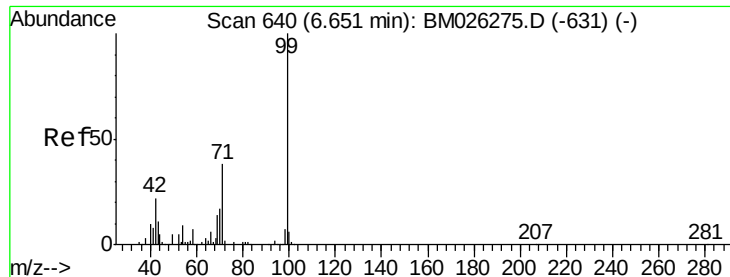
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#6
Aniline
Concen: 9.484 ng
RT: 6.77 min Scan# 660
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion:	93	Resp:	173984
Ion Ratio	Lower	Upper	
93	100		
66	42.0	34.8	52.2
65	20.9	17.2	25.8





#7

Phenol-d6

Concen: 39.384 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

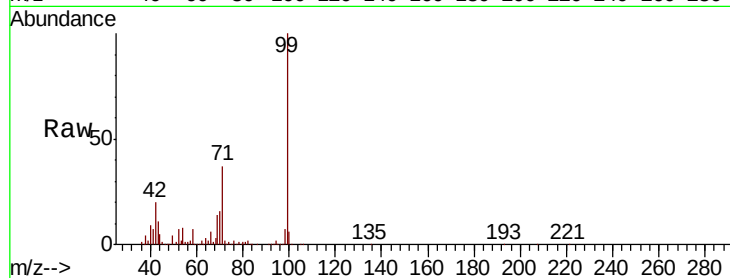
BNA_M

ClientSampled :

239-355MSD

Tot Ion:	99	Resp:	550809
Ion Ratio		Lower	Upper
99	100		
42	20.3	18.0	27.0
71	36.6	30.6	45.8

Manual Integrations
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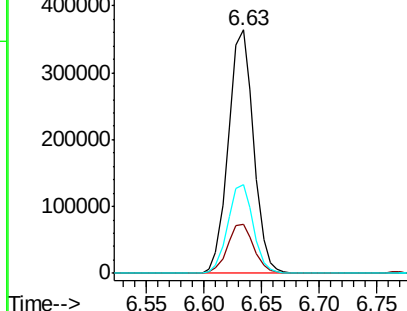
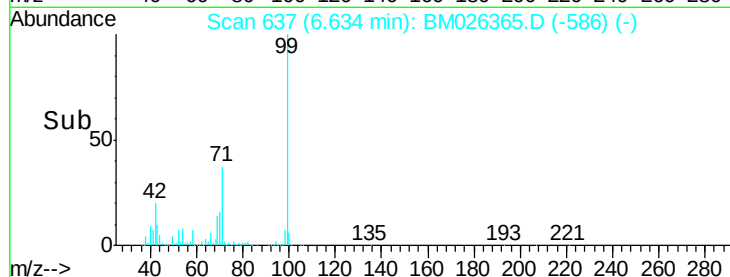


Abundance Ion 99.00 (98.70 to 99.70): BM026365.D (-586) (-)

Ion 42.00 (41.70 to 42.70): BM026365.D (-586) (-)

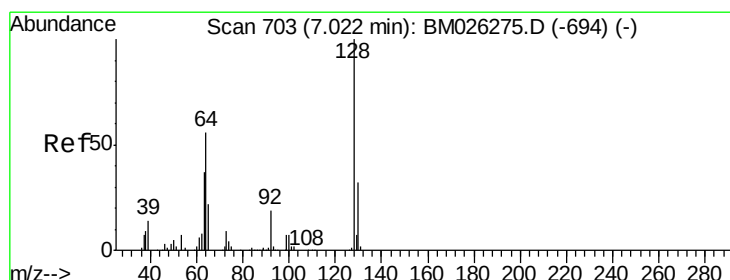
Ion 71.00 (70.70 to 71.70): BM026365.D (-586) (-)

Time-->



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#8

2-Chlorophenol

Concen: 16.127 ng

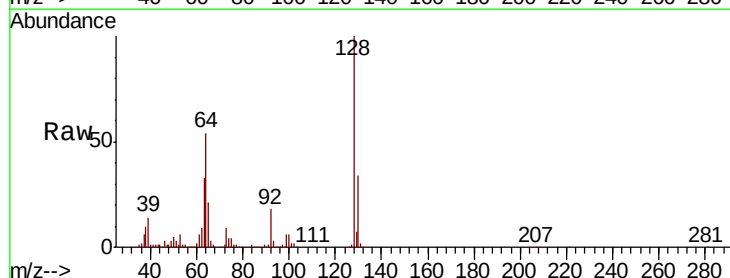
RT: 7.00 min Scan# 699

Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

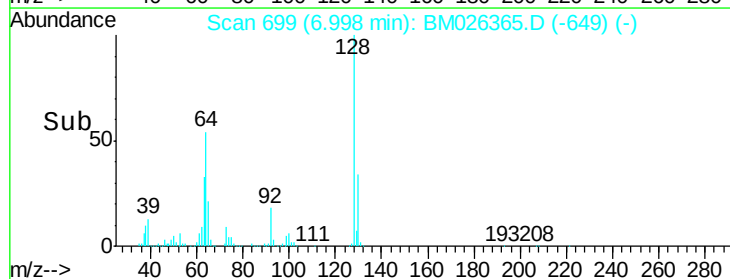
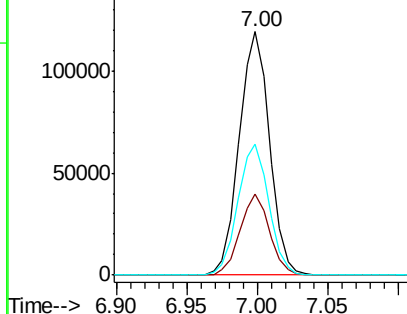
Tgt Ion:	128	Resp:	179655
Ion Ratio		Lower	Upper
128	100		
130	33.5	11.9	51.9
64	54.0	38.2	78.2

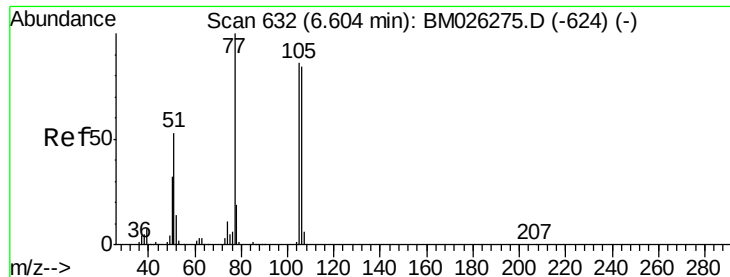


Abundance Ion 128.00 (127.70 to 128.70): BM026365.D (-649) (-)

Ion 130.00 (129.70 to 130.70): BM026365.D (-649) (-)

Ion 64.00 (63.70 to 64.70): BM026365.D (-649) (-)





#9

Benzaldehyde

Concen: 13.515 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

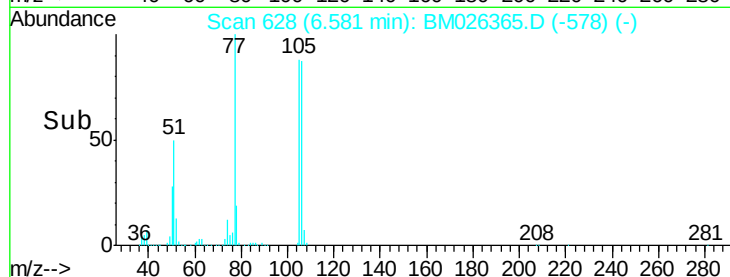
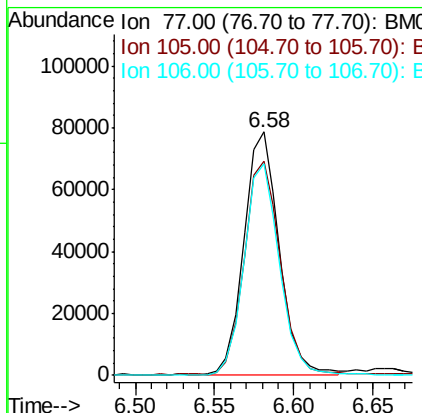
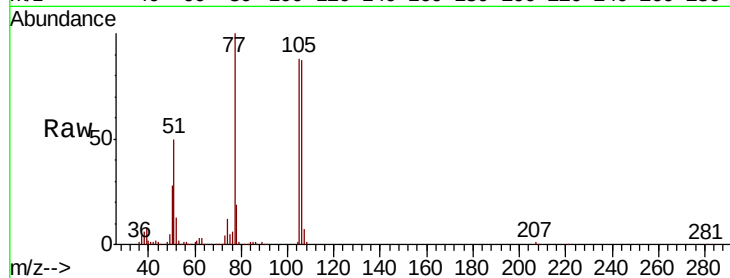
BNA_M

ClientSampleId :

239-355MSD

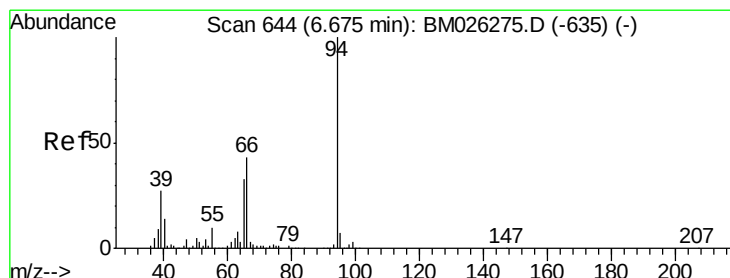
Tot Ion:	77	Resp:	120527
Ion	Ratio	Lower	Upper
77	100		
105	88.2	66.3	106.3
106	87.0	63.8	103.8

Manual Integrations
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#10

Phenol

Concen: 16.114 ng

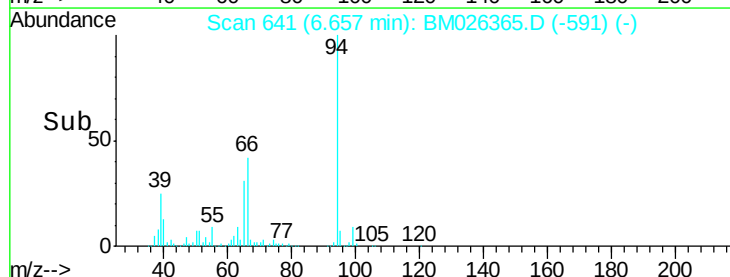
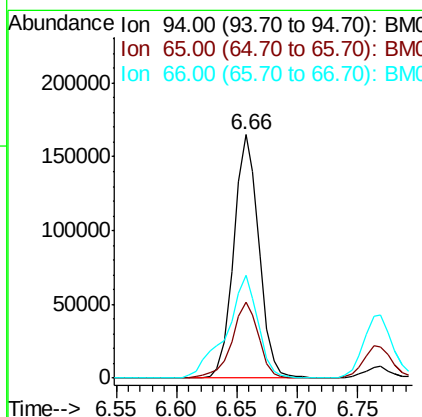
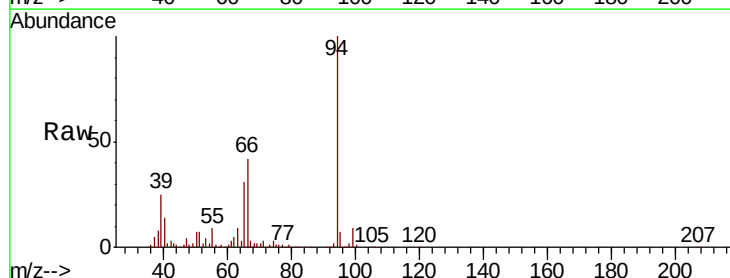
RT: 6.66 min Scan# 641

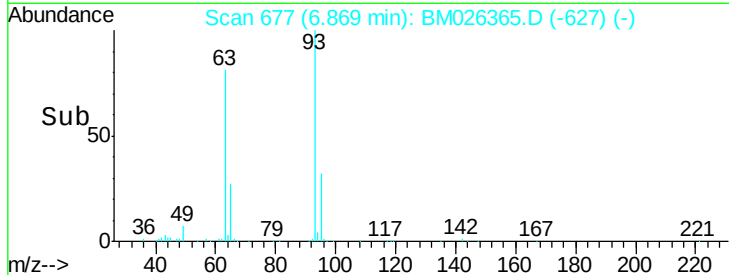
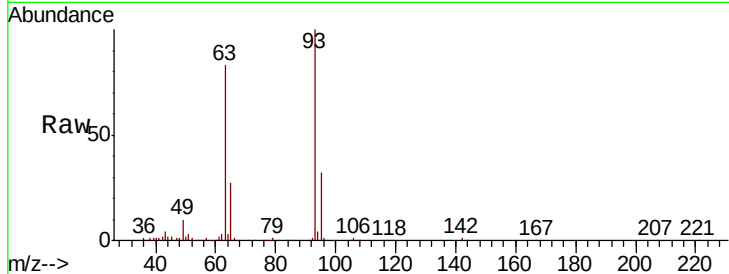
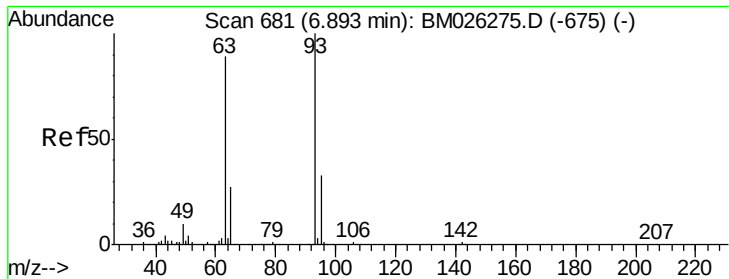
Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Tgt Ion:	94	Resp:	239996
Ion	Ratio	Lower	Upper
94	100		
65	31.4	12.8	52.8
66	42.4	23.6	63.6



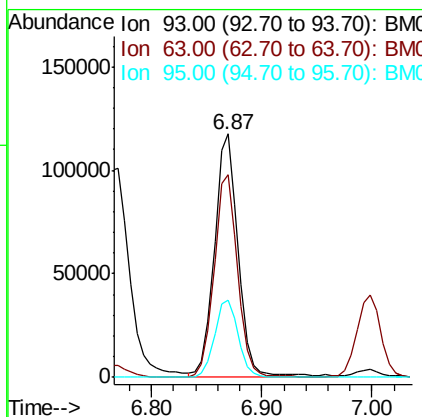


#11
bis(2-Chloroethyl)ether
Concen: 14.592 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tot Ion:	93	Resp:	175058
Ion Ratio	Lower	Upper	
93	100		
63	83.2	68.7	108.7
95	31.9	13.0	53.0

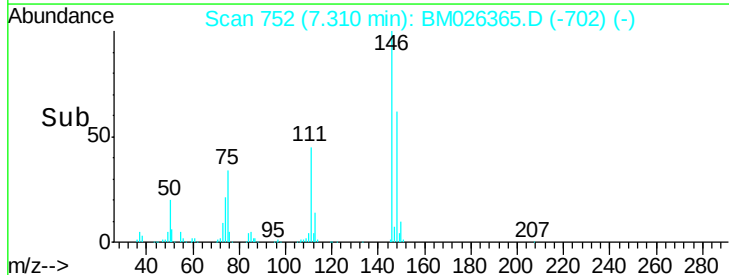
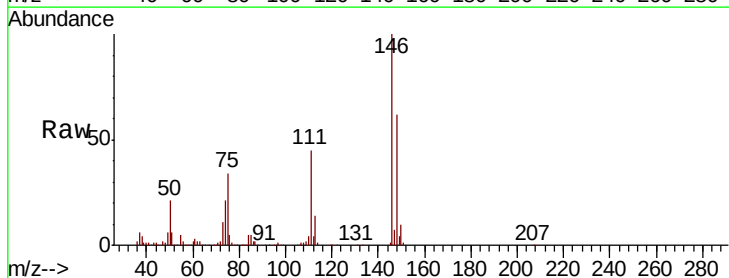
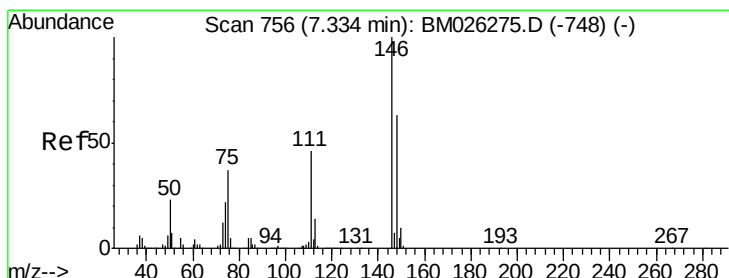
Instrument :
BNA_M
ClientSampleId :
239-355MSD

Manual Integrations
APPROVED



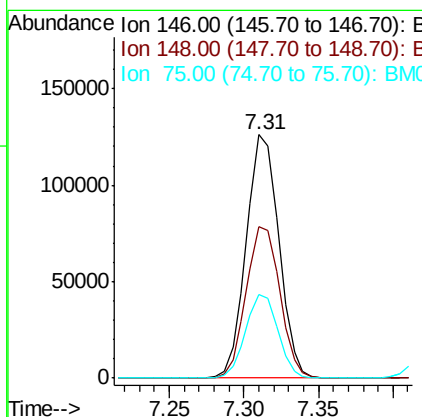
mohammad

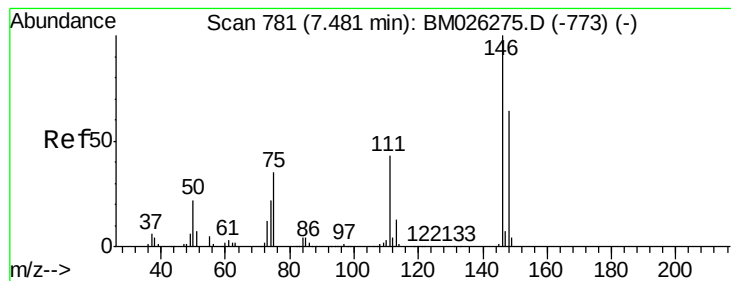
6/15/2020 8:43:37 AM



#12
1,3-Dichlorobenzene
Concen: 15.498 ng
RT: 7.31 min Scan# 752
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion:	146	Resp:	191152
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.4	75.6
75	34.3	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 15.584 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

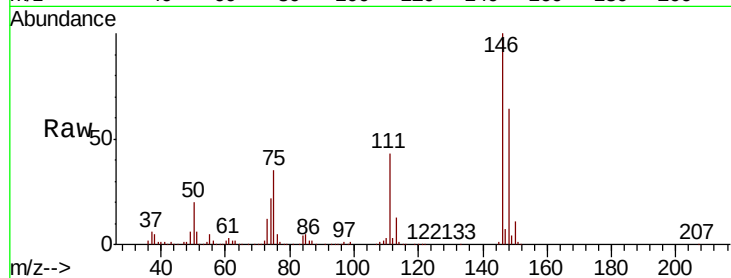
BNA_M

ClientSampled :

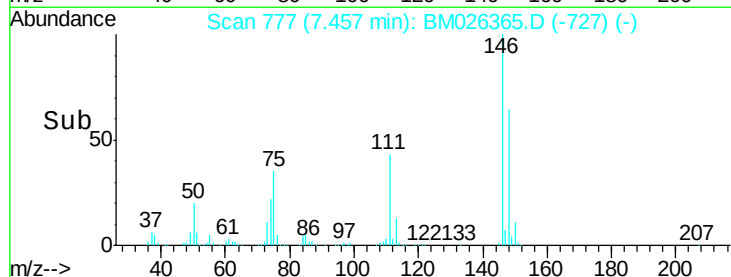
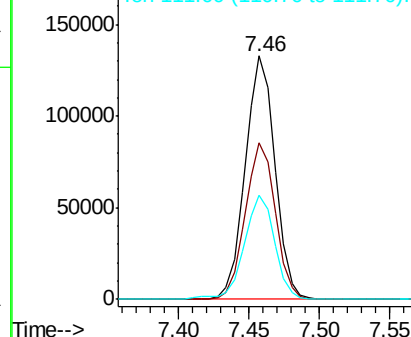
239-355MSD

Tot Ion:	146	Resp:	195786
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.6	77.4
111	42.6	34.9	52.3

Manual Integrations
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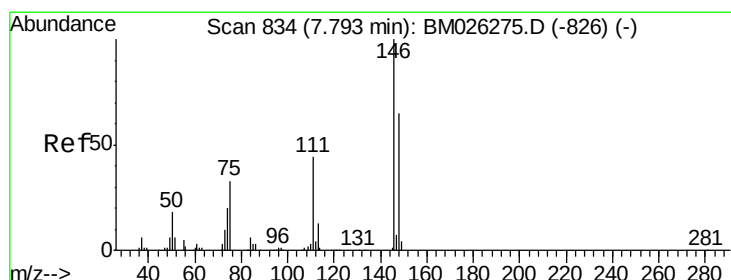


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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6/15/2020 8:43:37 AM



#14

1,2-Dichlorobenzene

Concen: 15.542 ng

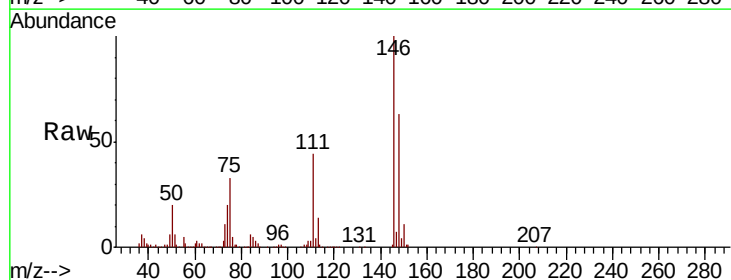
RT: 7.77 min Scan# 830

Delta R.T. -0.01 min

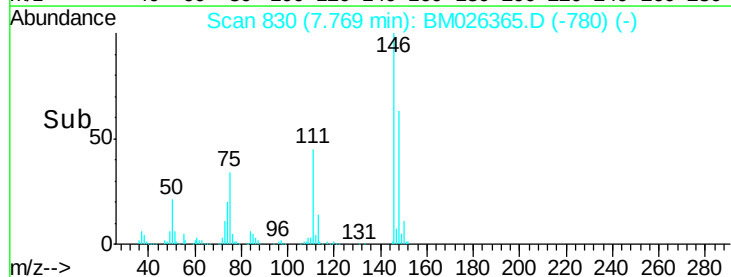
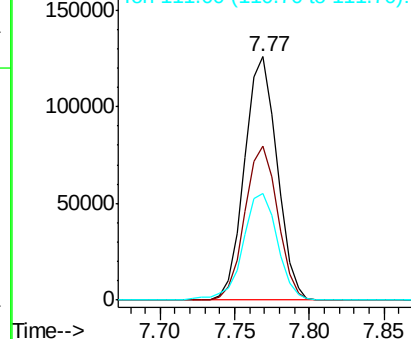
Lab File: BM026365.D

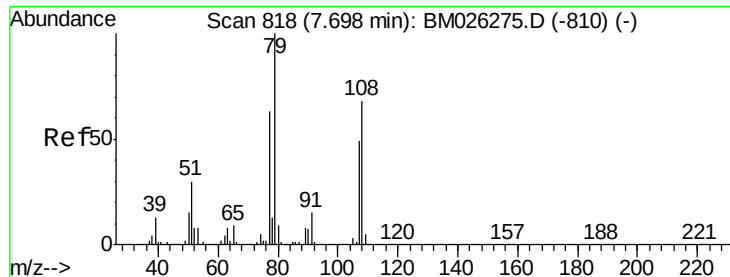
Acq: 11 Jun 2020 20:38

Tgt Ion:	146	Resp:	190726
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.9	77.9
111	43.6	36.0	54.0



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



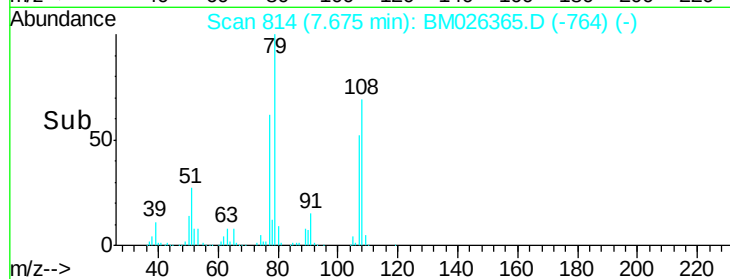
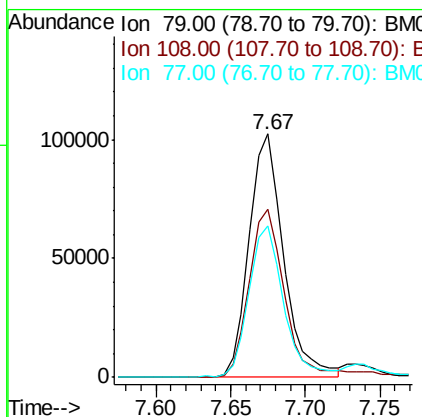
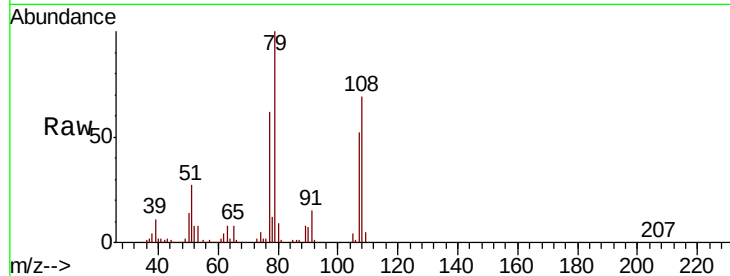


#15
Benzyl Alcohol
Concen: 13.705 ng
RT: 7.67 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

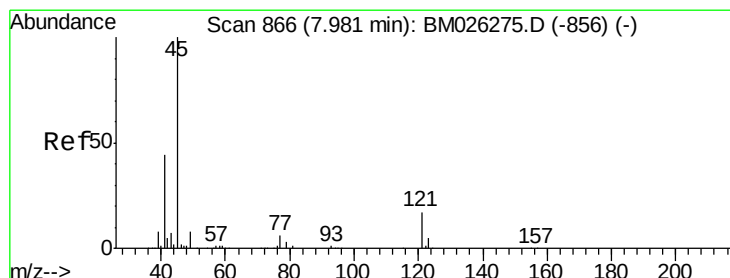
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.9	54.8	82.2
77	62.3	50.4	75.6

Manual Integrations
APPROVED



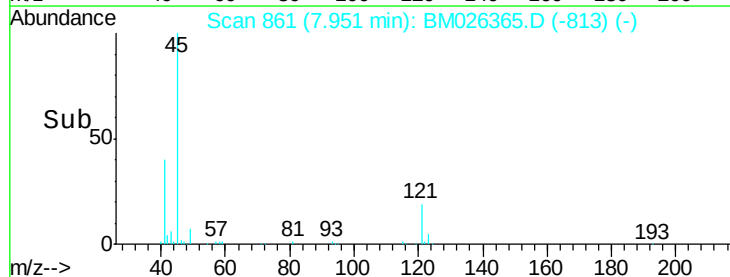
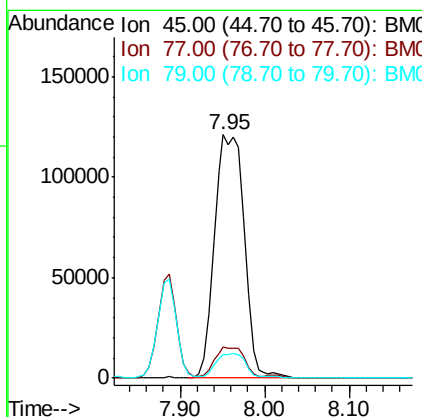
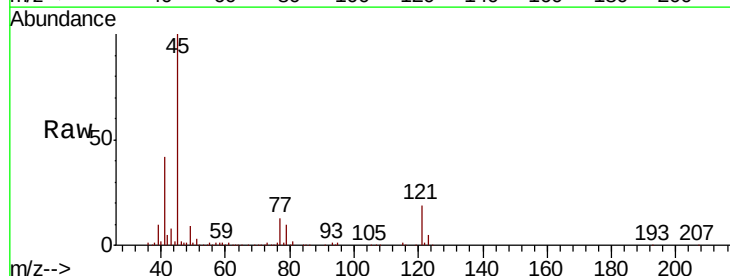
mohammad

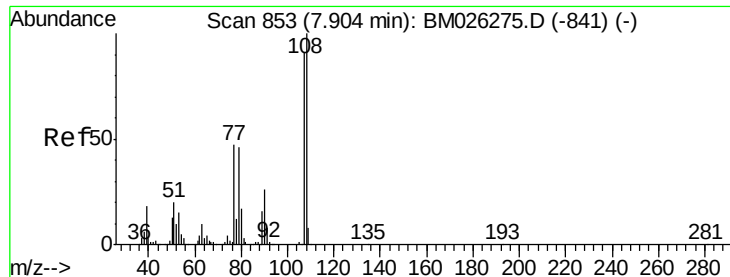
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#16
2,2'-oxybis(1-chloropropane)
Concen: 13.204 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.02 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	31.8
79	9.5	0.0	28.5





#17

2-Methylphenol

Concen: 14.528 ng

RT: 7.89 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

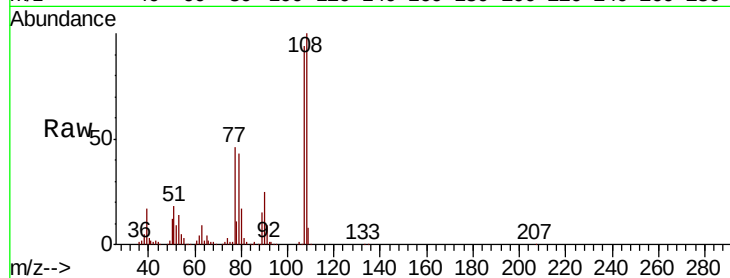
BNA_M

ClientSampleId :

239-355MSD

Tot Ion	107	Resp	158149
Ion Ratio	Lower	Upper	
107	100		
108	106.8	88.4	132.6
77	48.8	42.0	63.0
79	46.1	40.9	61.3

Manual Integrations
APPROVED



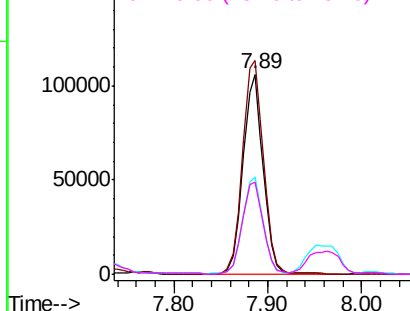
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

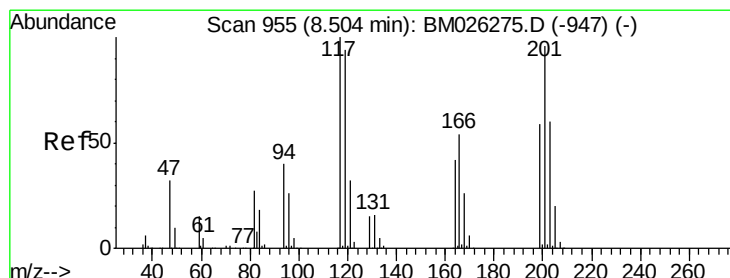
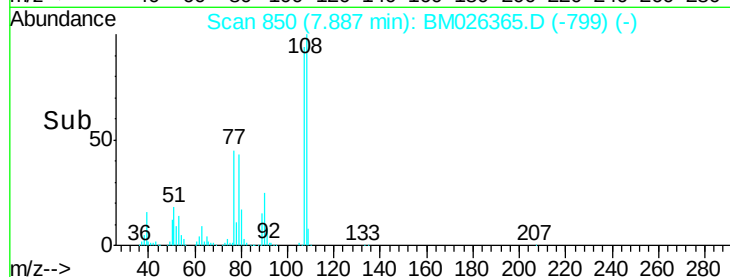
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



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#18

Hexachloroethane

Concen: 9.576 ng

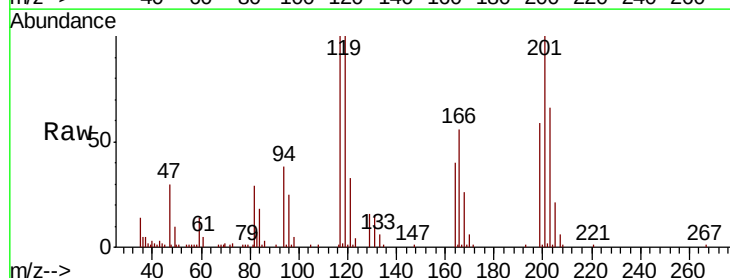
RT: 8.48 min Scan# 951

Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Tgt Ion	117	Resp	45563
Ion Ratio	Lower	Upper	
117	100		
119	99.8	75.5	113.3
201	100.1	76.5	114.7

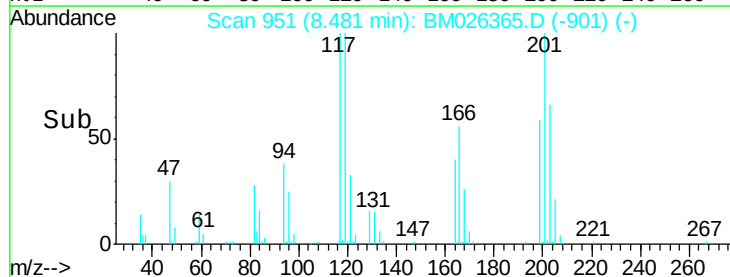
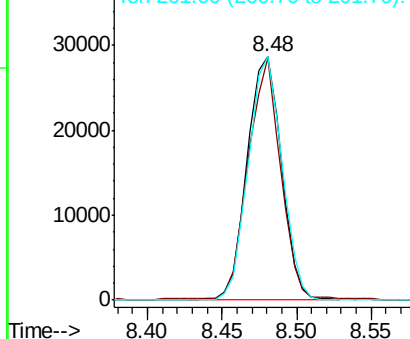


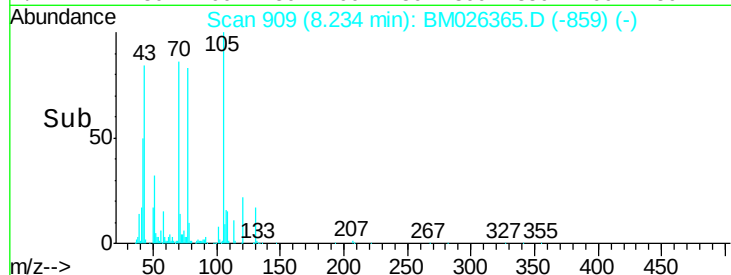
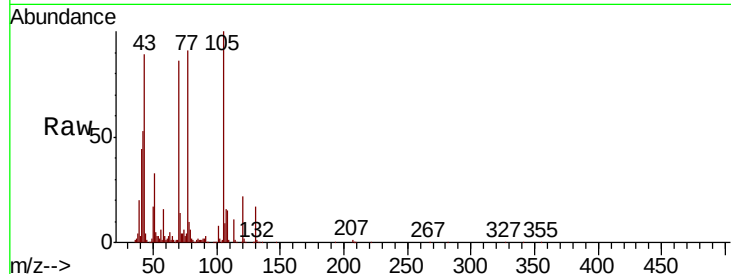
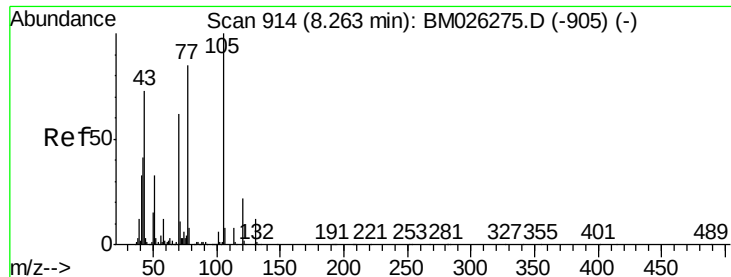
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

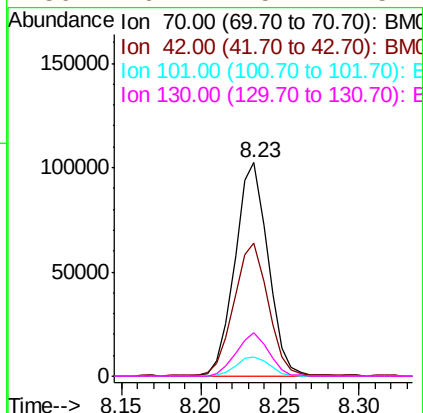
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 13.548 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.4	53.0	79.6
101	9.1	7.2	10.8
130	20.1	15.4	23.2

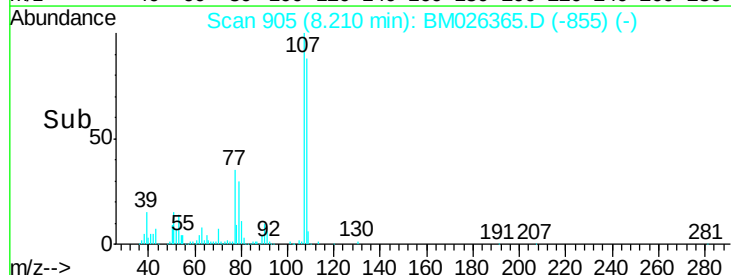
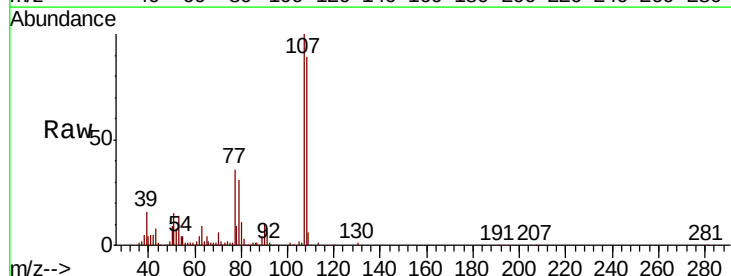
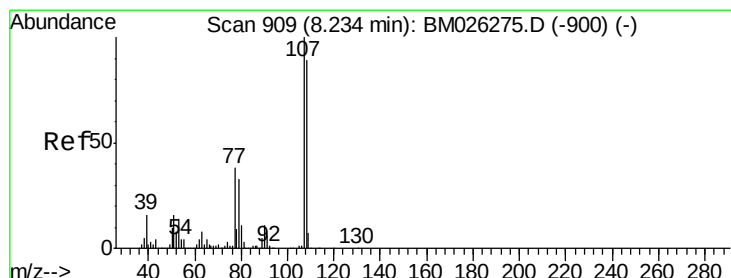


Instrument :
BNA_M
ClientSampleId :
239-355MSD

Manual Integrations
APPROVED

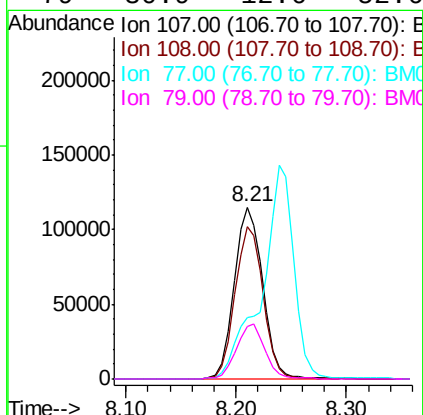
mohammad

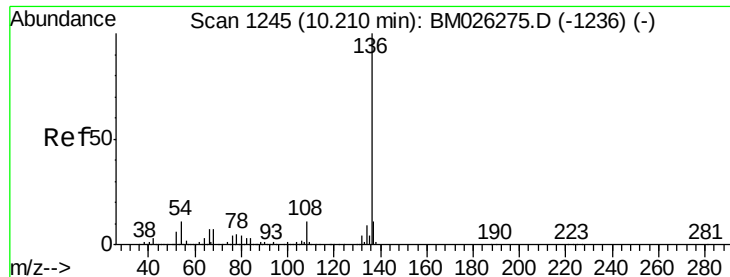
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#20
3+4-Methylphenols
Concen: 14.052 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.7	108.7
77	35.7	18.0	58.0
79	30.9	12.6	52.6



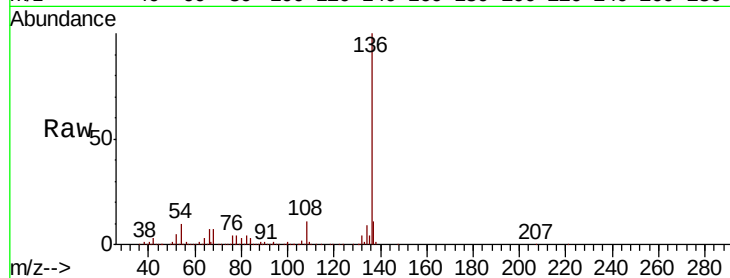


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

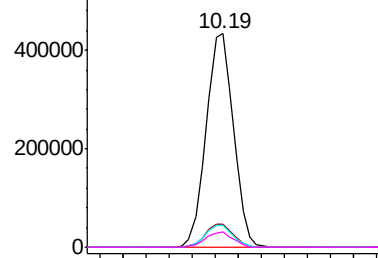
Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	709894		
137	11.0	8.6	13.0	
54	10.4	9.0	13.4	
68	6.9	5.6	8.4	

Manual Integrations
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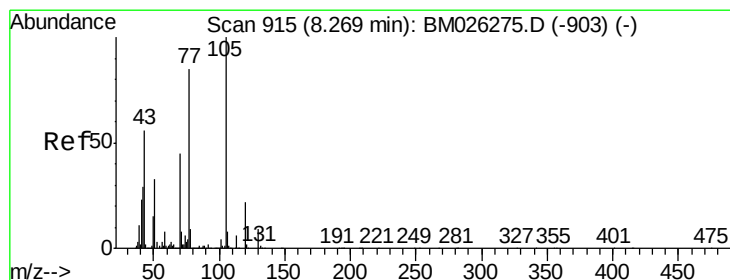
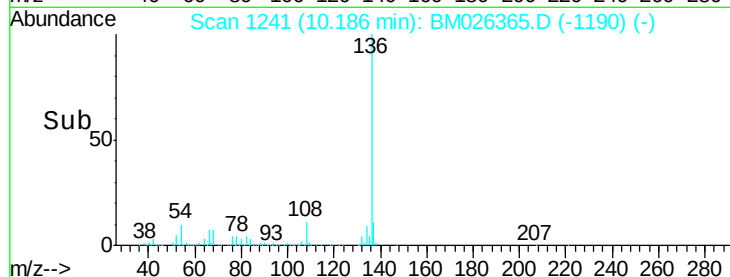


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



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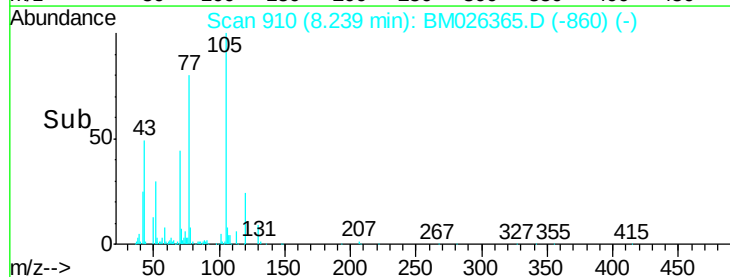
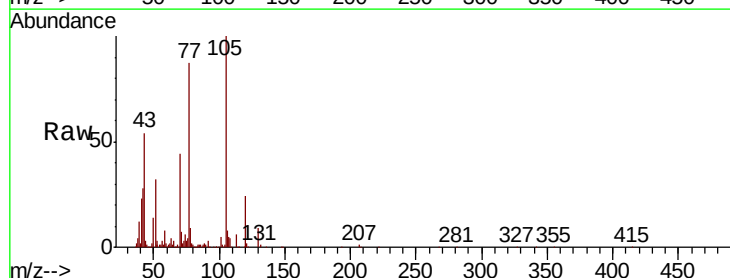
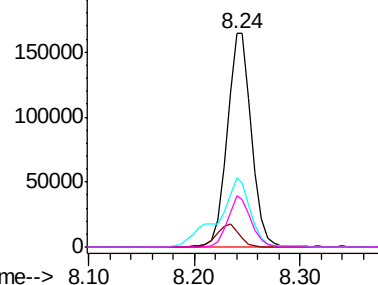
6/15/2020 8:43:37 AM

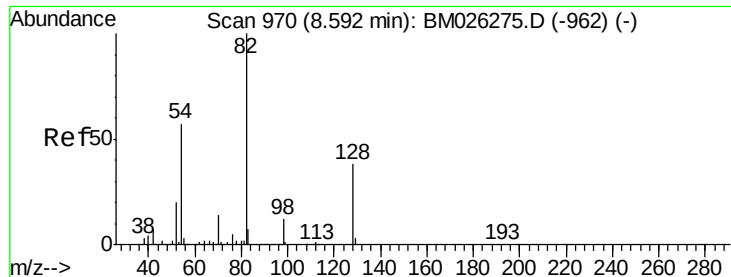


#22
Acetophenone
Concen: 14.485 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	264401		
71	7.4	6.1	9.1	
51	32.3	26.2	39.2	
120	23.7	17.5	26.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E



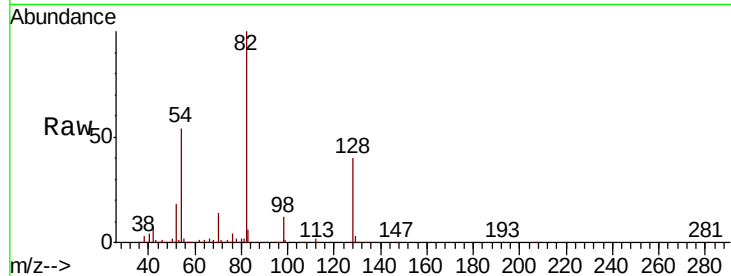


#23
Nitrobenzene-d5
Concen: 25.181 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.5	30.3	45.5	
54	53.7	45.4	68.2	

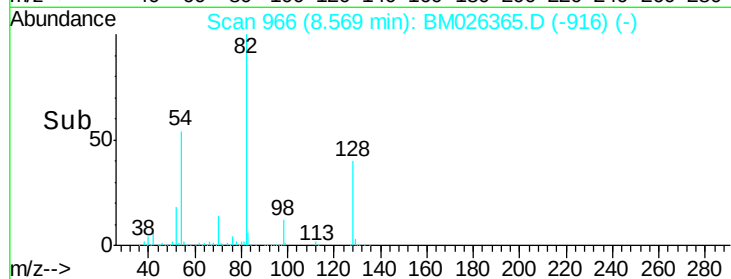
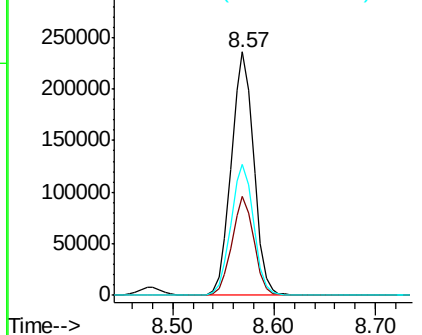
Manual Integrations
APPROVED



Abundance Ion 82.00 (81.70 to 82.70): BM026365.D (-916) (-)

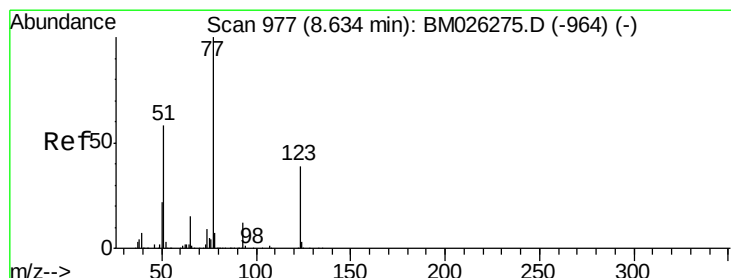
Ion 128.00 (127.70 to 128.70): BM026365.D (-916) (-)

Ion 54.00 (53.70 to 54.70): BM026365.D (-916) (-)



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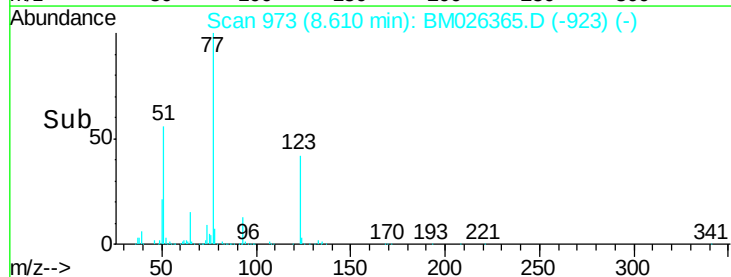
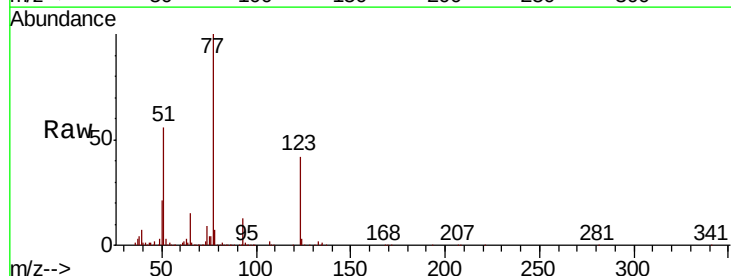
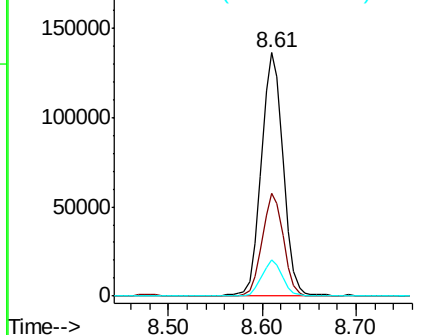
#24
Nitrobenzene
Concen: 14.381 ng
RT: 8.61 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

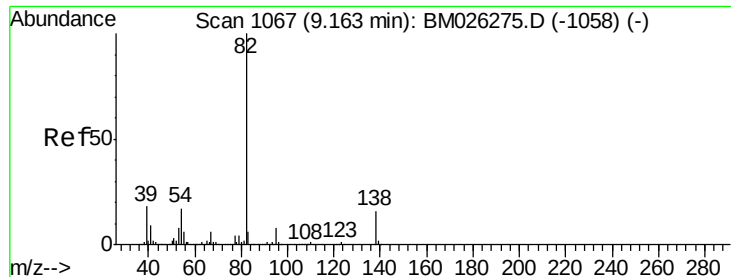
Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.1	31.5	47.3	
65	14.7	11.6	17.4	

Abundance Ion 77.00 (76.70 to 77.70): BM026365.D (-923) (-)

Ion 123.00 (122.70 to 123.70): BM026365.D (-923) (-)

Ion 65.00 (64.70 to 65.70): BM026365.D (-923) (-)





#25

Isophorone

Concen: 14.217 ng

RT: 9.14 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

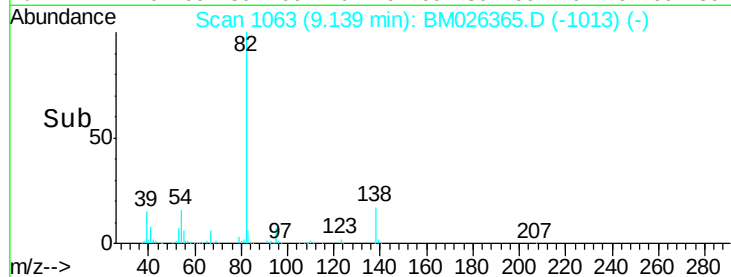
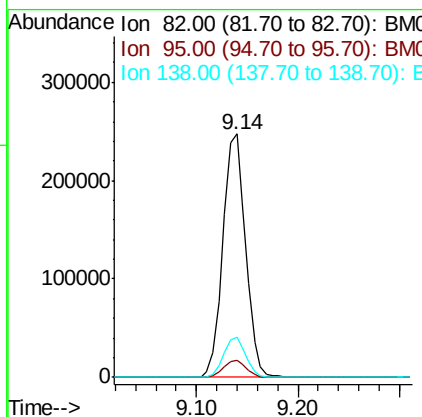
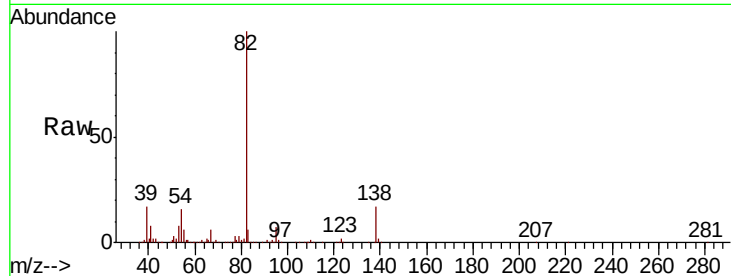
BNA_M

ClientSampleId :

239-355MSD

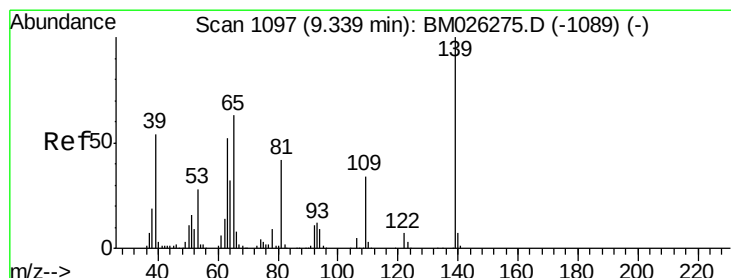
Tot Ion:	82	Resp:	386159
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.0	9.0
138	16.5	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 10.783 ng

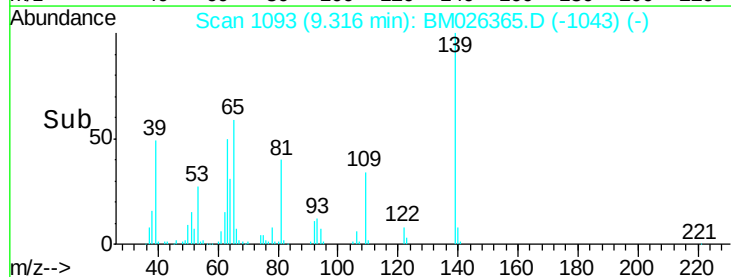
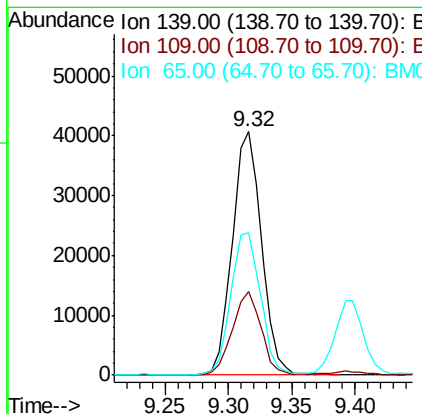
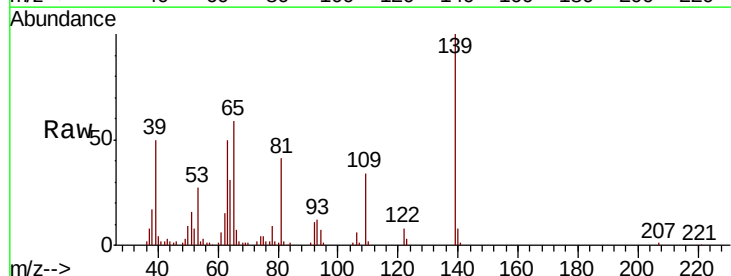
RT: 9.32 min Scan# 1093

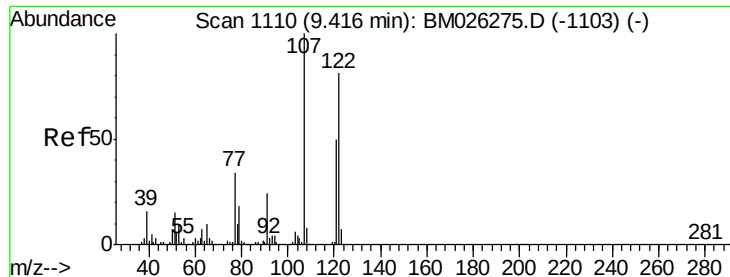
Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Tgt Ion:	139	Resp:	64592
Ion Ratio	Lower	Upper	
139	100		
109	34.5	27.4	41.2
65	58.8	50.5	75.7



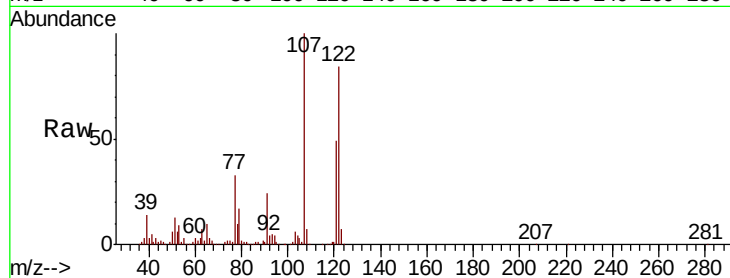


#27
2,4-Dimethylphenol
Concen: 16.677 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	157695		
107	118.8	98.6	147.8	
121	58.7	48.9	73.3	

Manual Integrations
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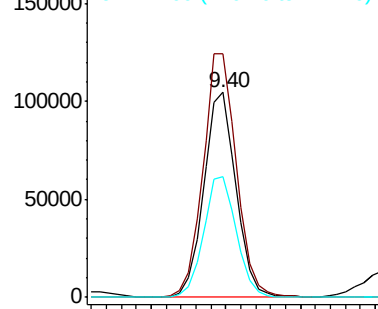


Abundance

Ion 122.00 (121.70 to 122.70): E

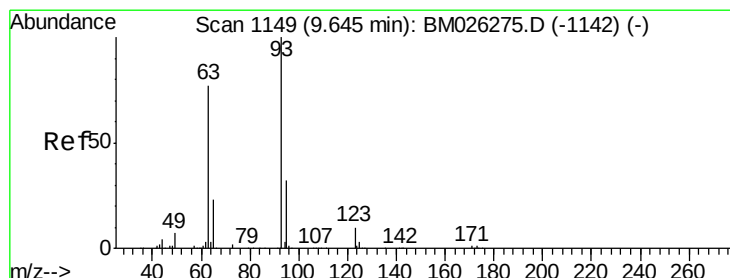
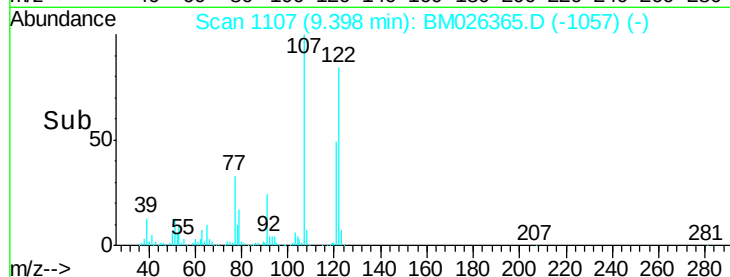
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



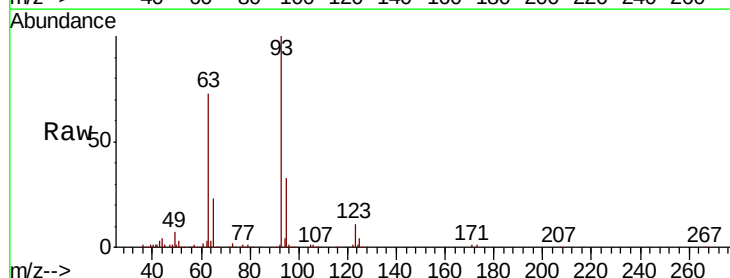
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#28
bis(2-Chloroethoxy)methane
Concen: 15.057 ng
RT: 9.62 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232031		
95	32.9	25.8	38.8	
123	10.9	8.2	12.4	

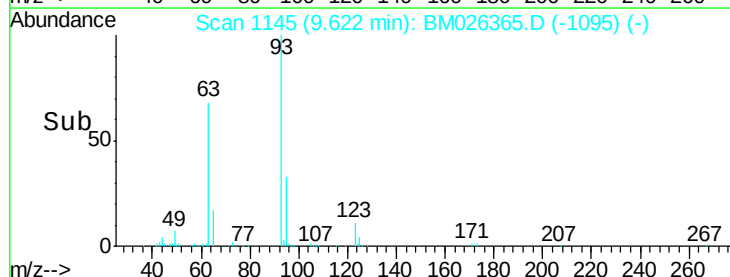
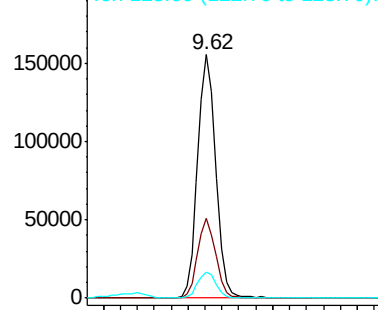


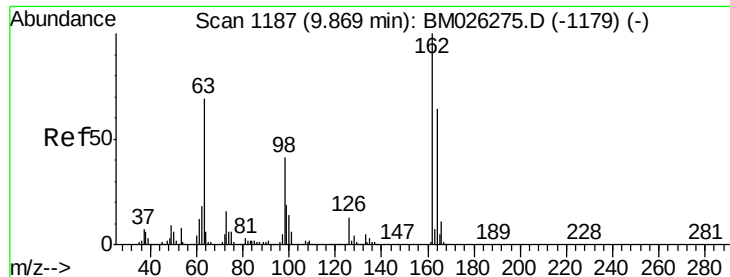
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E



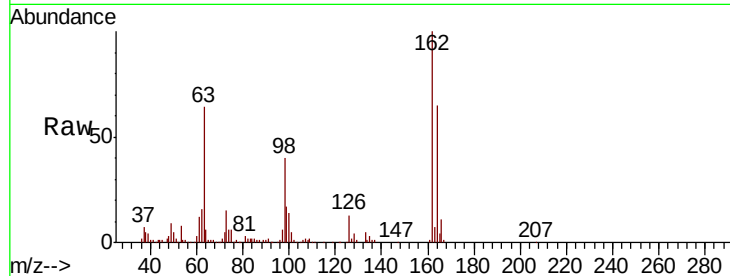


#29
2,4-Dichlorophenol
Concen: 15.949 ng
RT: 9.85 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

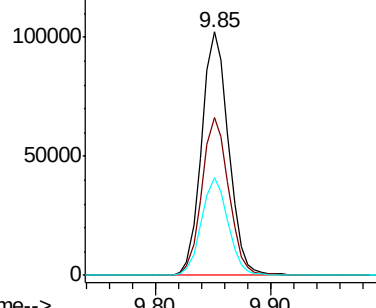
Instrument :
BNA_M
ClientSampled :
239-355MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	43.6	83.6
98	40.0	21.1	61.1

Manual Integrations
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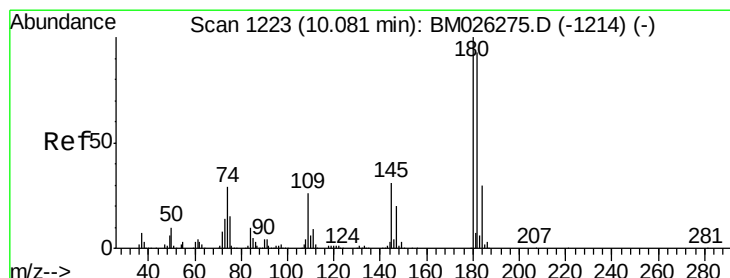
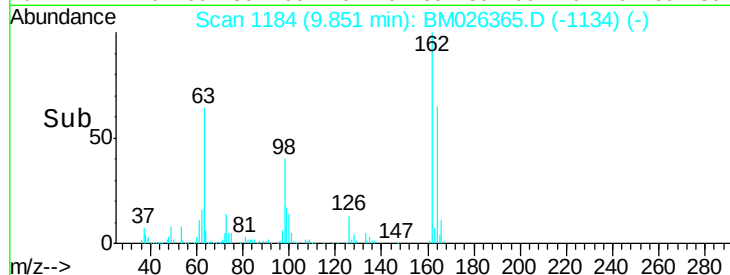


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM0



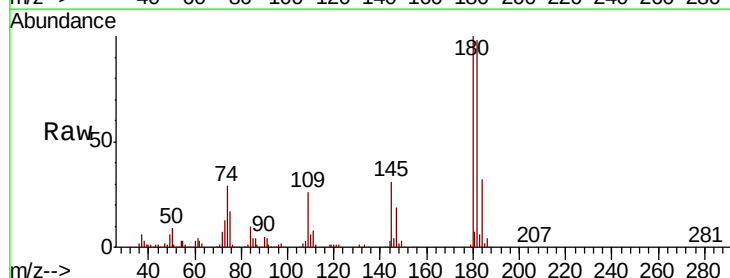
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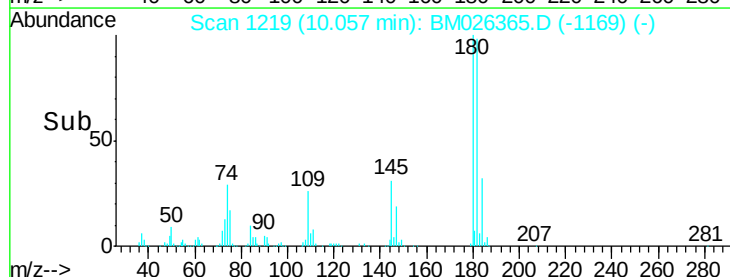
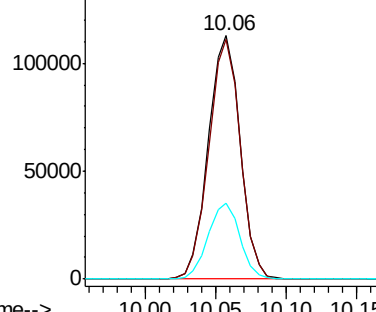


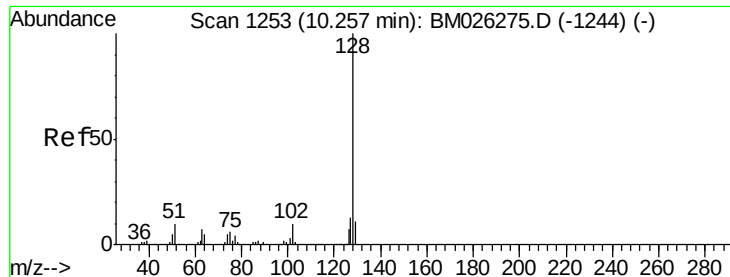
#30
1,2,4-Trichlorobenzene
Concen: 15.643 ng
RT: 10.06 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.5	74.2	111.2
145	31.2	24.6	36.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



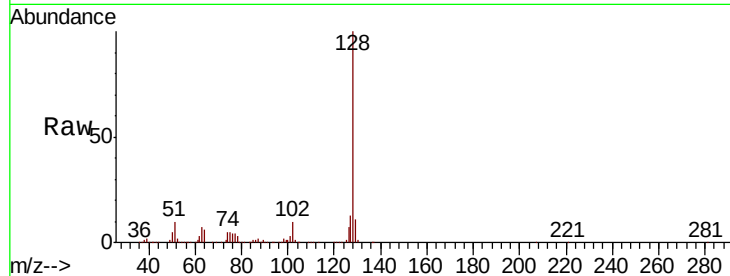


#31
Naphthalene
Concen: 15.570 ng
RT: 10.23 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

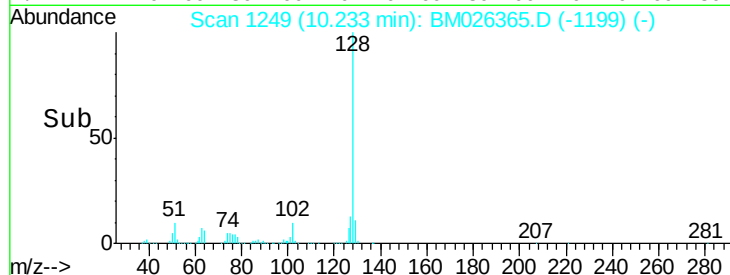
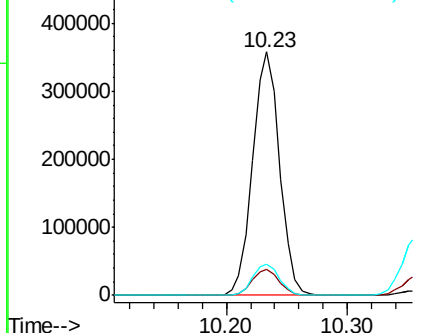
Instrument :
BNA_M
ClientSampled :
239-355MSD

Tot Ion:	128	Resp:	556991
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	12.8	10.6	15.8

Manual Integrations
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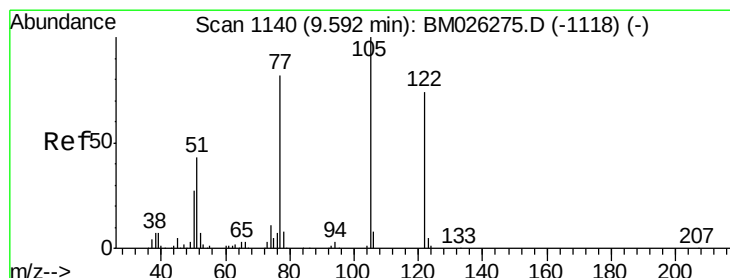


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



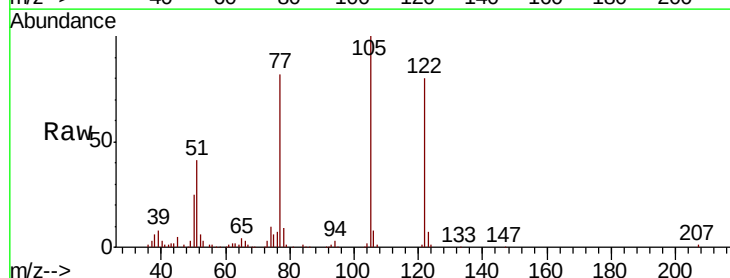
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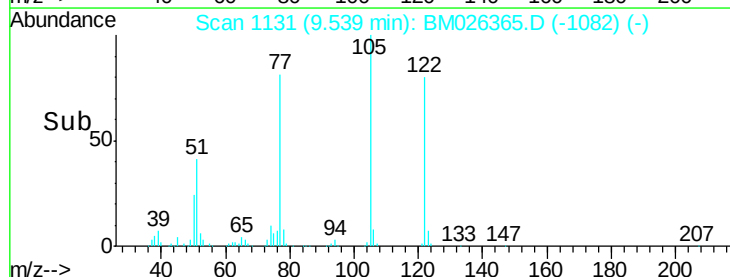
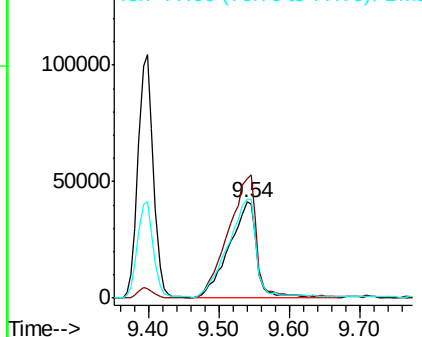


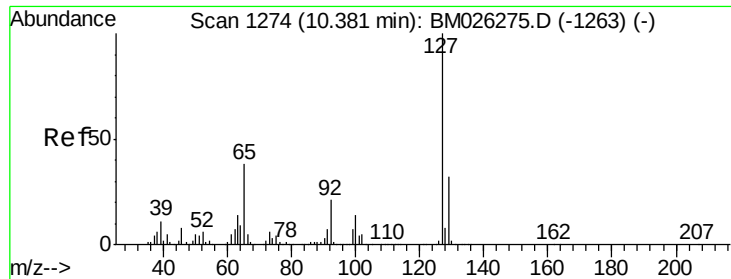
#32
Benzoic acid
Concen: 18.198 ng
RT: 9.54 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion:	122	Resp:	111061
Ion Ratio	Lower	Upper	
122	100		
105	124.5	112.4	152.4
77	102.0	89.8	129.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0



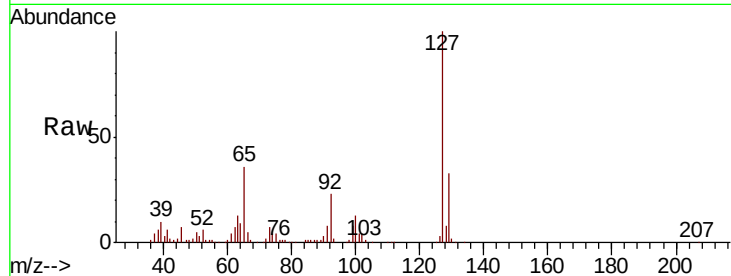


#33
4-Chloroaniline
Concen: 9.926 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

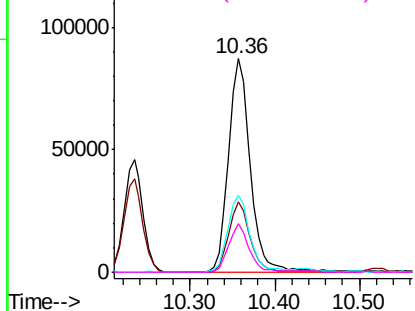
Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	25.5	38.3		
65	35.8	30.6	46.0		
92	22.9	17.2	25.8		

Manual Integrations
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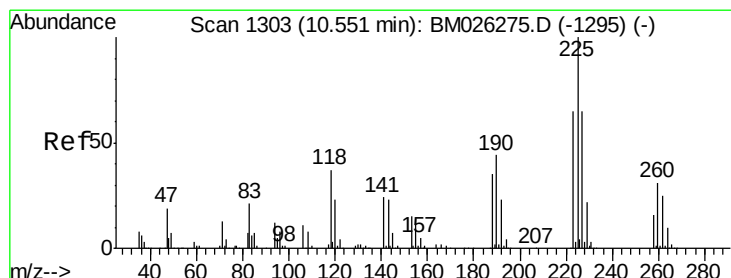
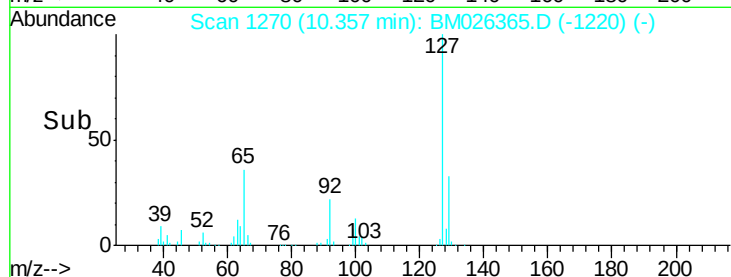


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0



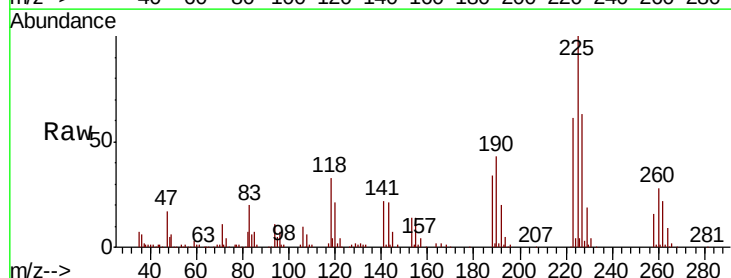
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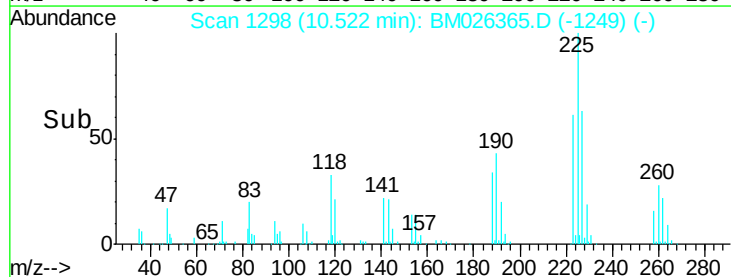
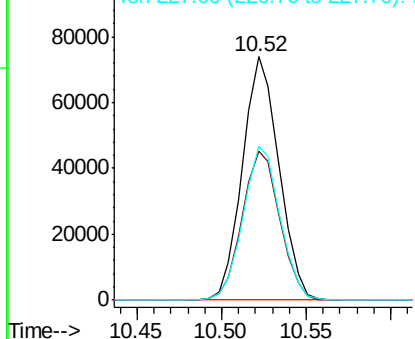


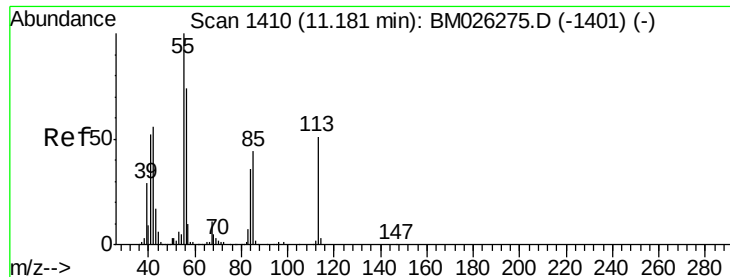
#34
Hexachlorobutadiene
Concen: 15.502 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	52.0	78.0		
227	63.3	52.1	78.1		



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





#35

Caprolactam

Concen: 14.240 ng/mL

RT: 11.15 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

BNA_M

ClientSampleID :

239-355MSD

Tot Ion:113 Resp: 51904

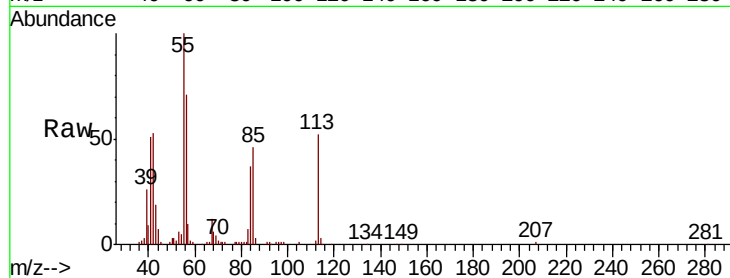
Ion Ratio Lower Upper

113 100

55 191.0 176.8 216.8

56 135.8 124.8 164.8

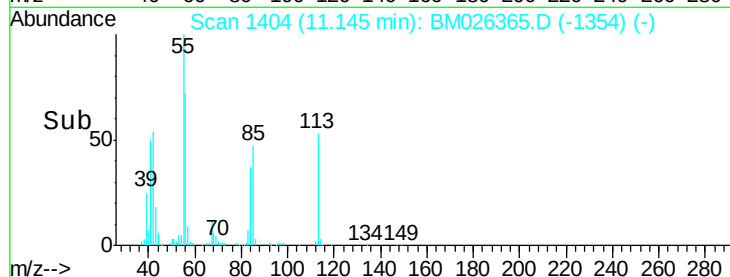
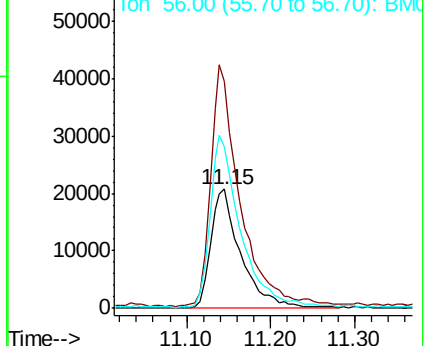
Manual Integrations
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Abundance Ion 113.00 (112.70 to 113.70): E

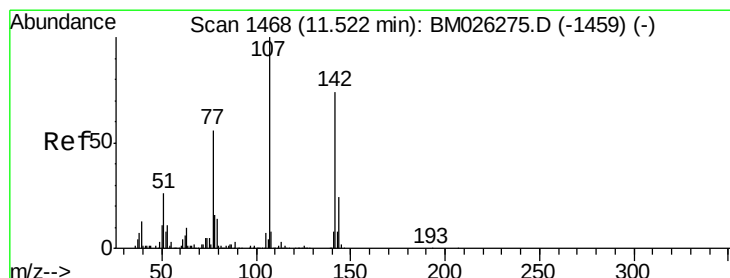
Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



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#36

4-Chloro-3-methylphenol

Concen: 15.180 ng/mL

RT: 11.50 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

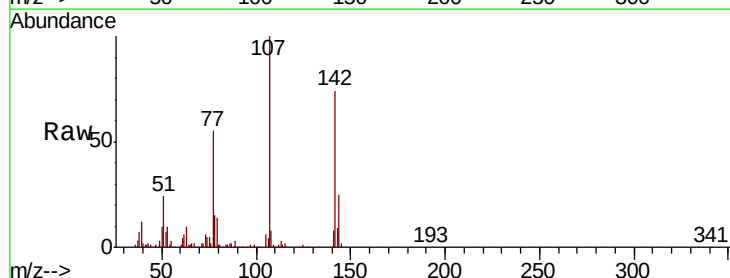
Tgt Ion:107 Resp: 191911

Ion Ratio Lower Upper

107 100

144 24.6 19.2 28.8

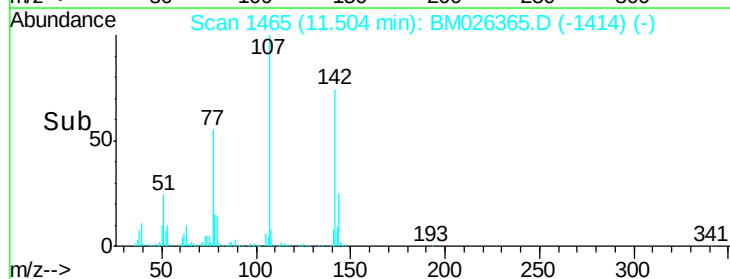
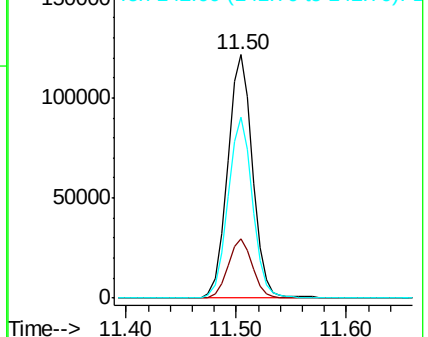
142 74.1 59.0 88.4

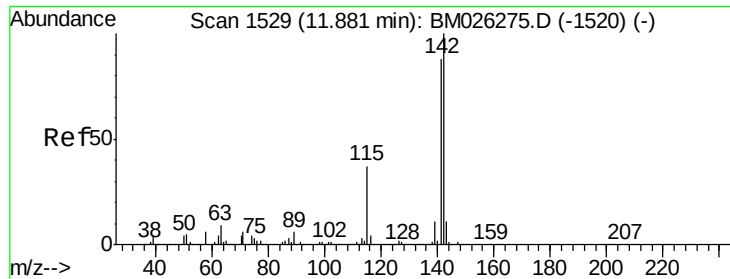


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



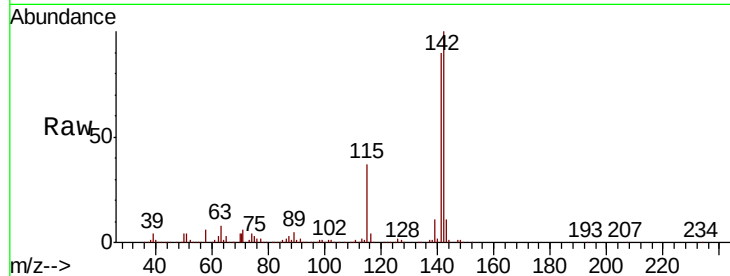


#37
2-Methylnaphthalene
Concen: 15.423 ng
RT: 11.86 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.7	106.1
115	36.7	29.7	44.5

Manual Integrations
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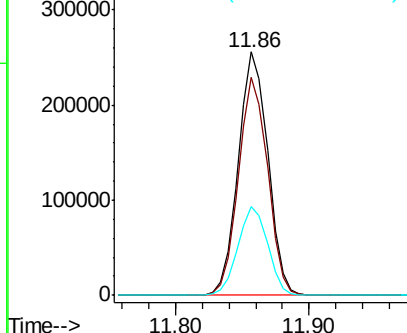


Abundance

Ion 142.00 (141.70 to 142.70): E

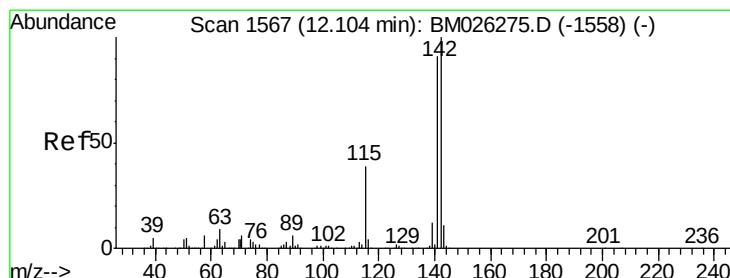
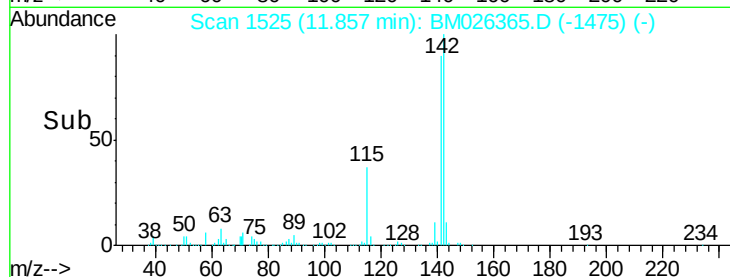
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



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#38
1-Methylnaphthalene
Concen: 15.393 ng
RT: 12.08 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

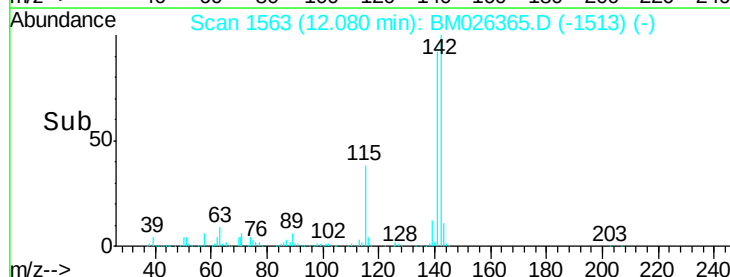
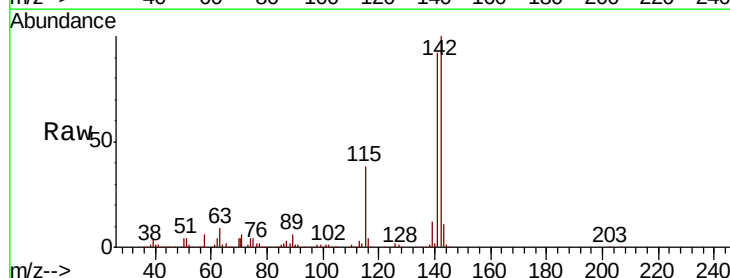
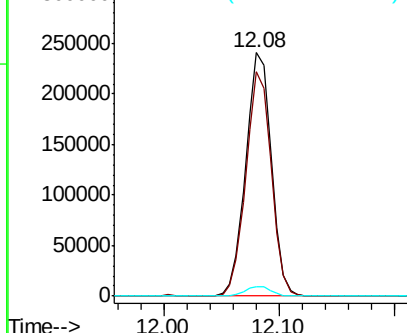
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.1	109.7
116	3.8	3.4	5.0

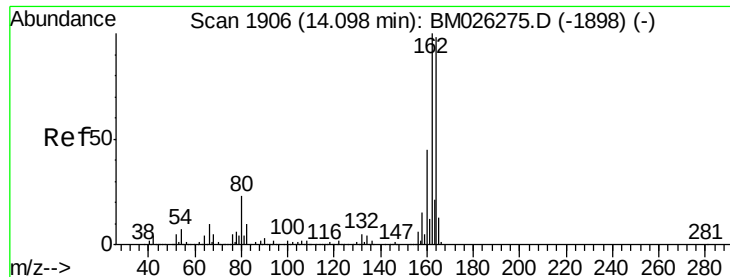
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

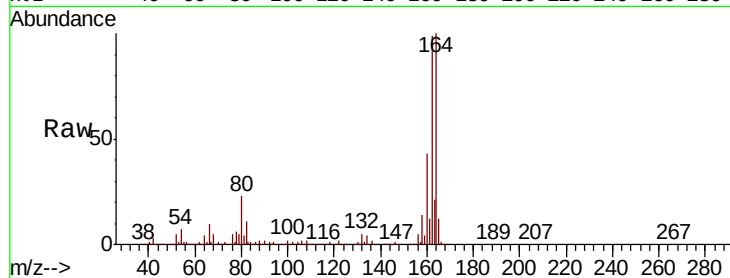
BNA_M

ClientSampled :

239-355MSD

Tot Ion:	164	Resp:	429537
Ion Ratio	Lower	Upper	
164	100		
162	99.3	81.4	122.2
160	43.0	36.4	54.6

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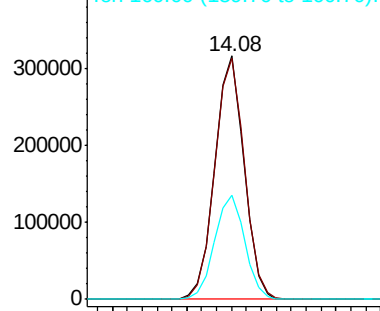


Abundance

Ion 164.00 (163.70 to 164.70): E

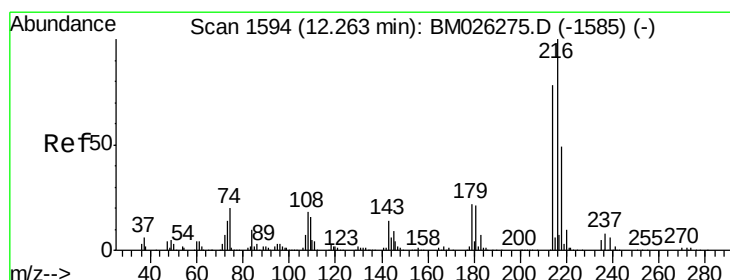
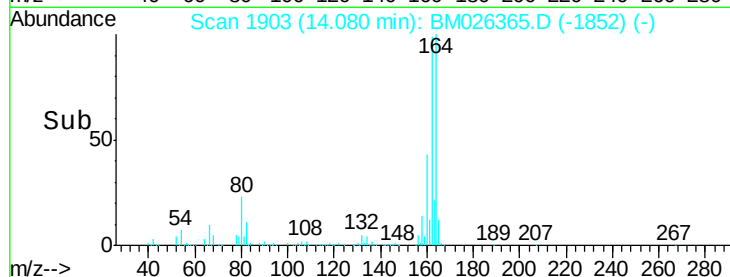
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#40

1,2,4,5-Tetrachlorobenzene

Concen: 16.349 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Tgt Ion:	216	Resp:	199898
Ion Ratio	Lower	Upper	
216	100		
214	78.0	62.1	93.1
179	20.5	17.0	25.4
108	17.0	16.2	24.4

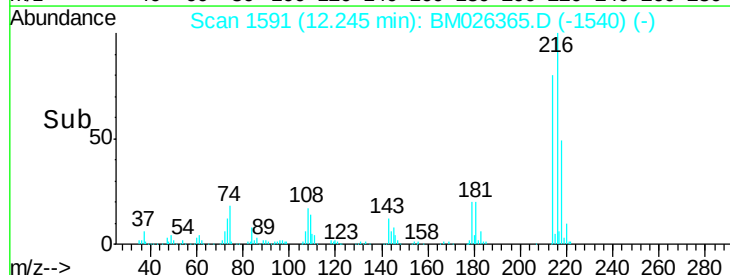
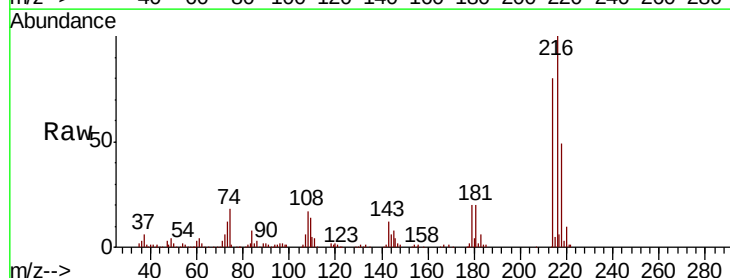
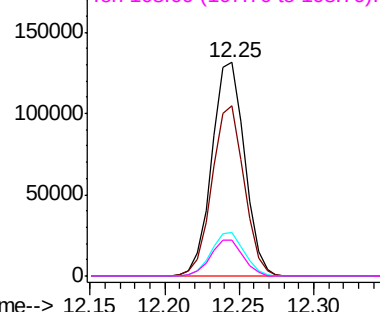
Abundance

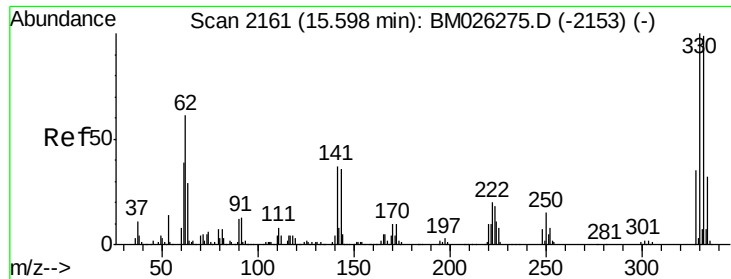
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



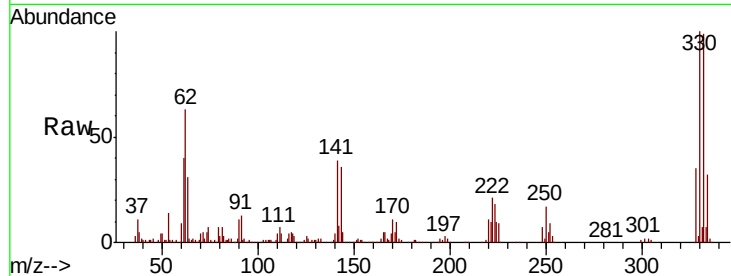


#42
 2,4,6-Tribromophenol
 Concen: 37.116 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Instrument :
 BNA_M
 ClientSampleId :
 239-355MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	78.1	117.1	
141	36.1	30.0	45.0	

Manual Integrations
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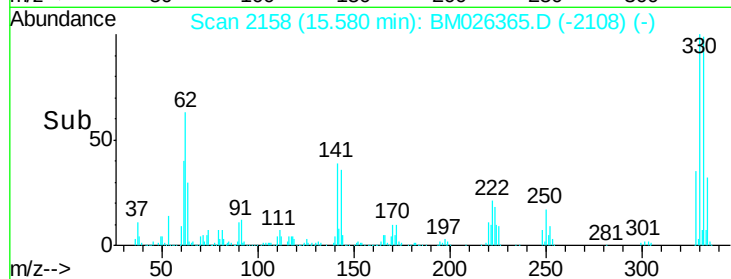
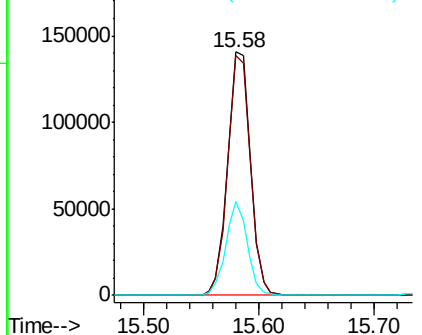


Abundance

Ion 329.80 (329.50 to 330.50): E

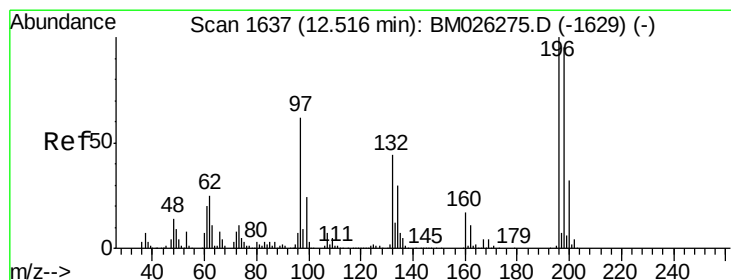
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



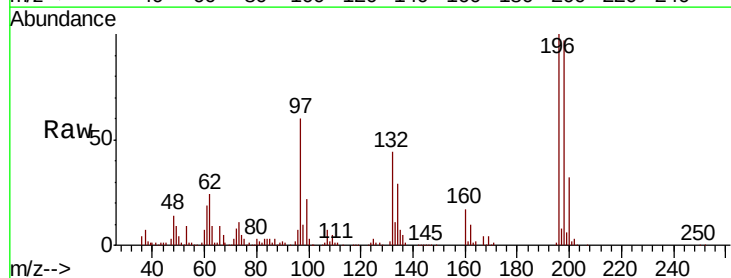
mohammad

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#43
 2,4,6-Trichlorophenol
 Concen: 15.989 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.1	75.7	113.5	
200	31.8	25.4	38.2	

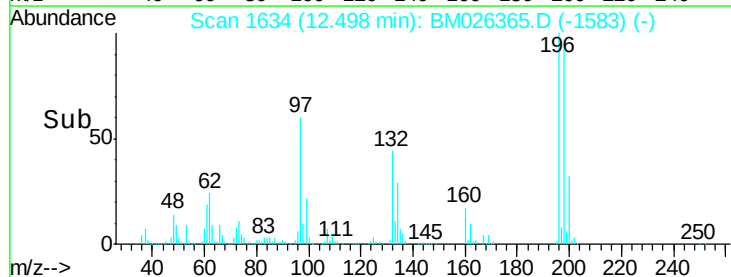
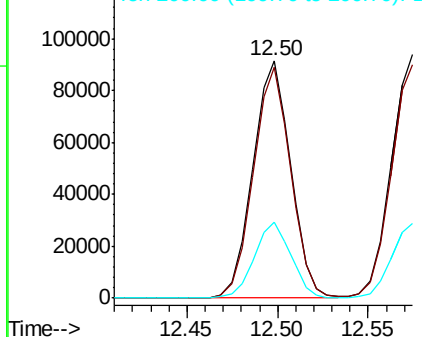


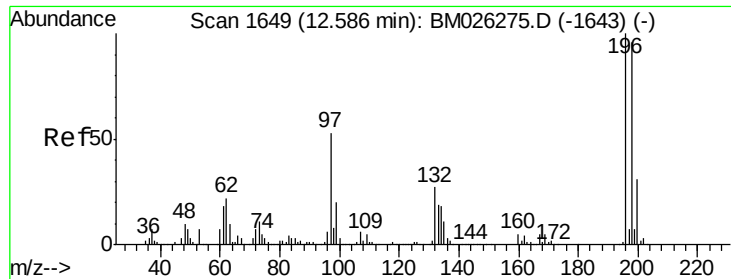
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



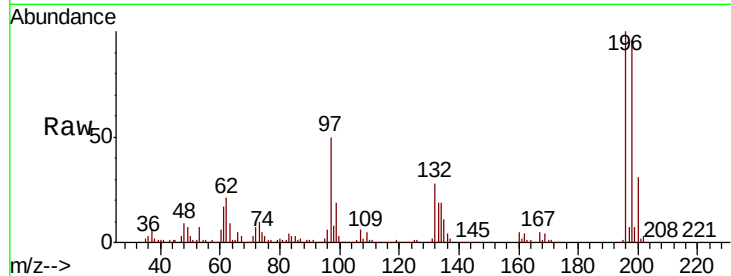


#44
2,4,5-Trichlorophenol
Concen: 14.871 ng
RT: 12.57 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142856		
198	95.9	77.0	115.6	
97	50.4	42.8	64.2	
132	28.1	21.9	32.9	

Manual Integrations
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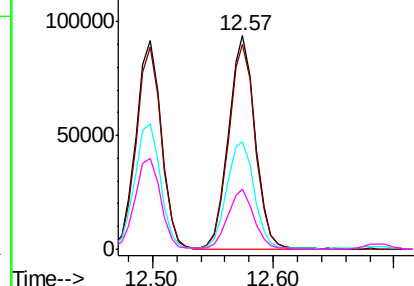
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

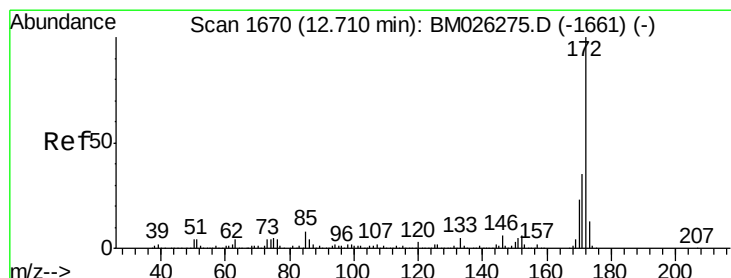
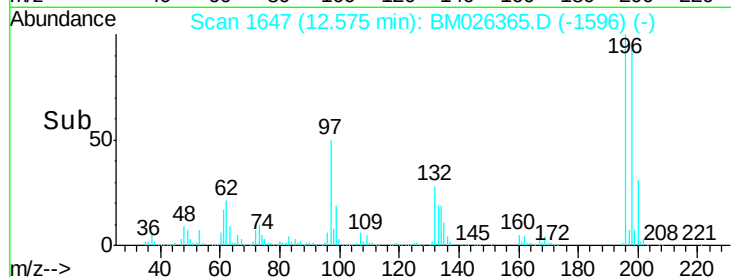
Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E



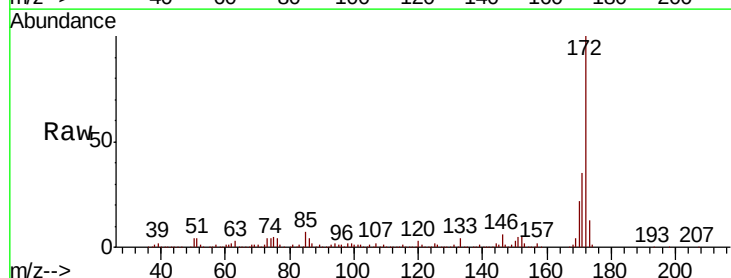
mohammad

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#45
2-Fluorobiphenyl
Concen: 26.925 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	761906		
171	34.6	28.2	42.2	
170	22.4	18.3	27.5	

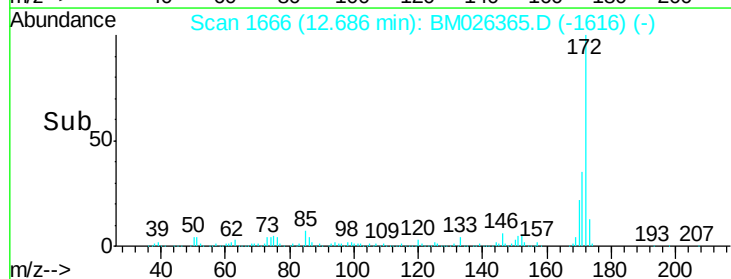
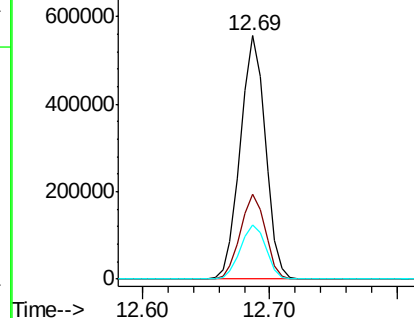


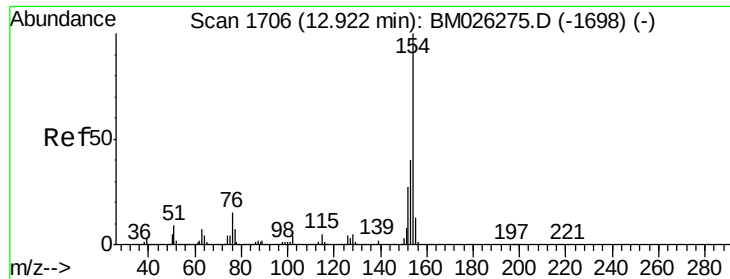
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



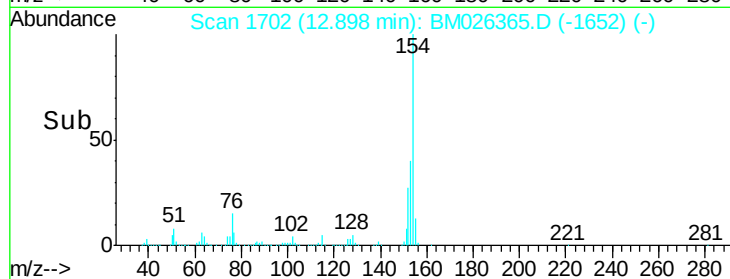
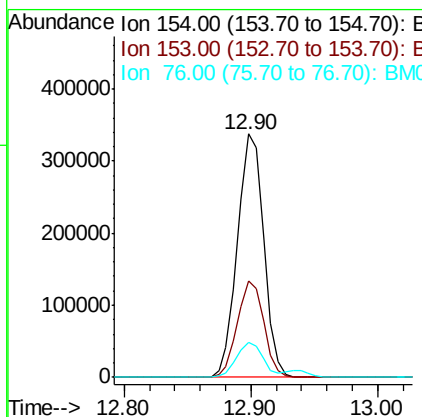
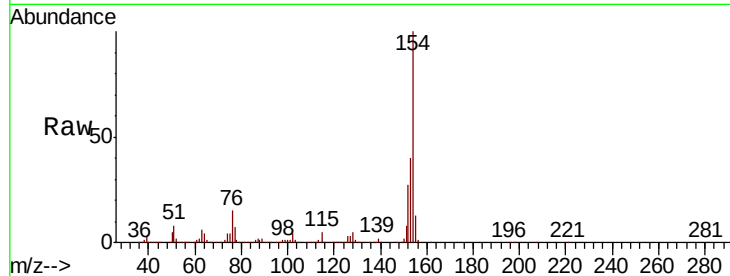


#46
 1,1'-Biphenyl
 Concen: 16.079 ng
 RT: 12.90 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Instrument :
 BNA_M
 ClientSampleId :
 239-355MSD

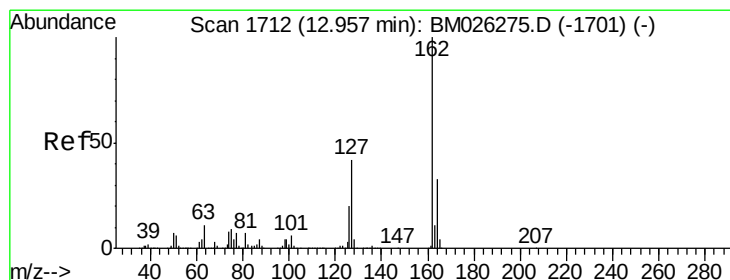
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.1	60.1
76	14.6	0.0	34.7

Manual Integrations
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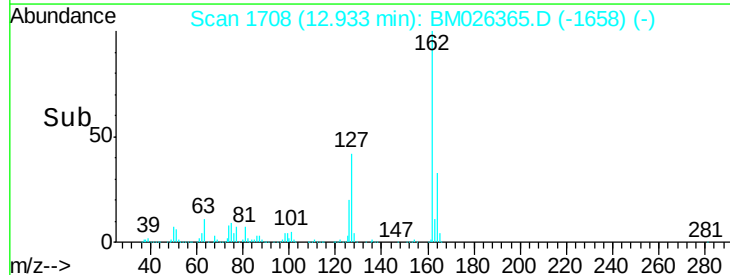
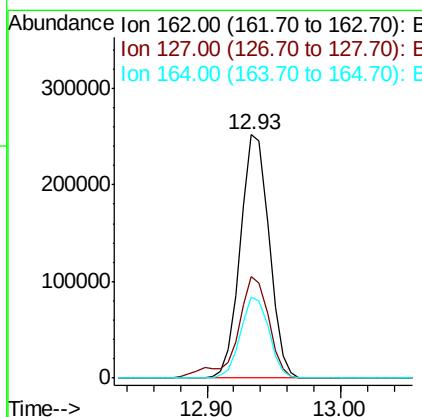
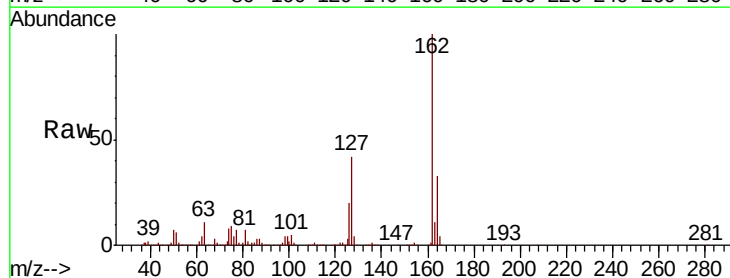
mohammad

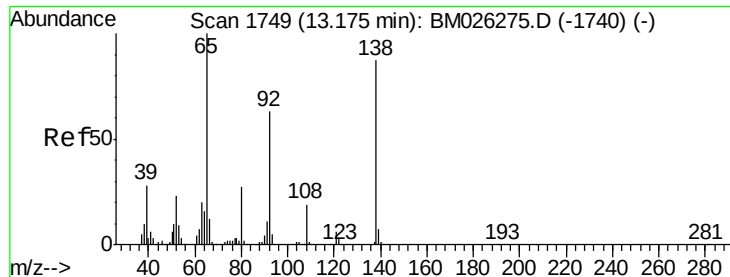
6/15/2020 8:43:37 AM



#47
 2-Chloronaphthalene
 Concen: 15.373 ng
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.8	50.6
164	33.1	26.4	39.6



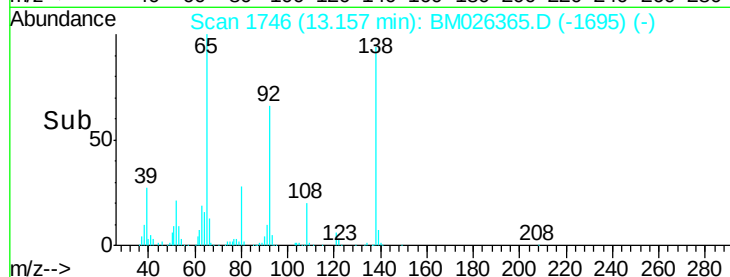
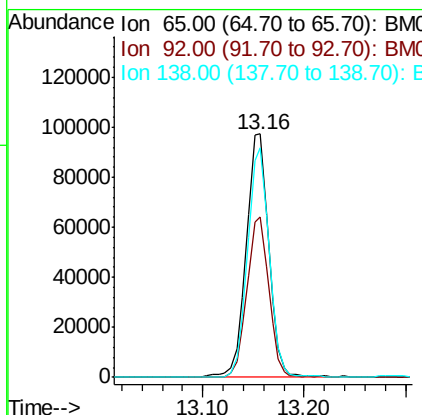
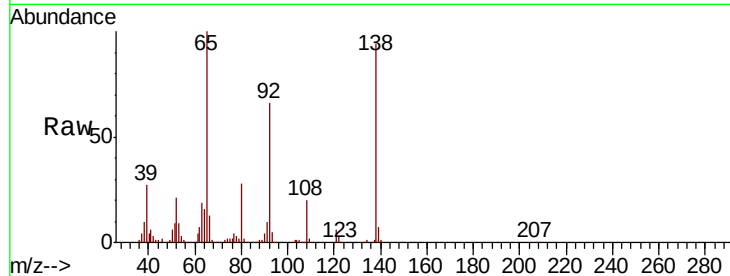


#48
2-Nitroaniline
Concen: 15.610 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

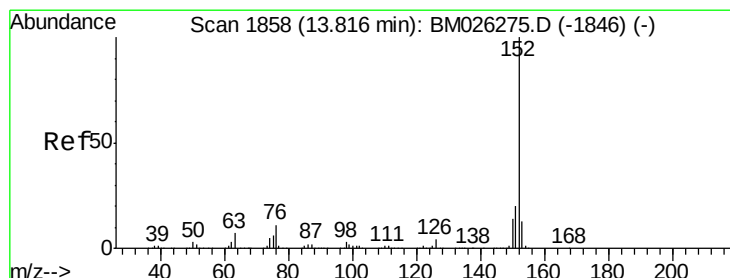
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	50.6	75.8
138	94.1	69.6	104.4

Manual Integrations
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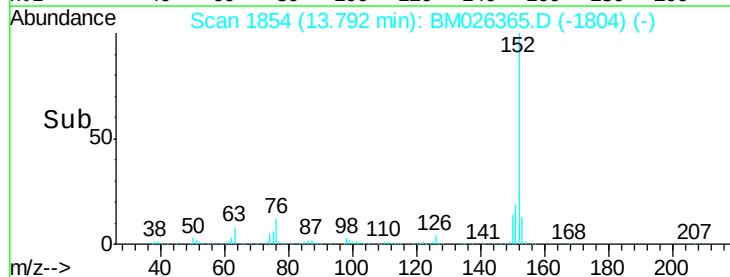
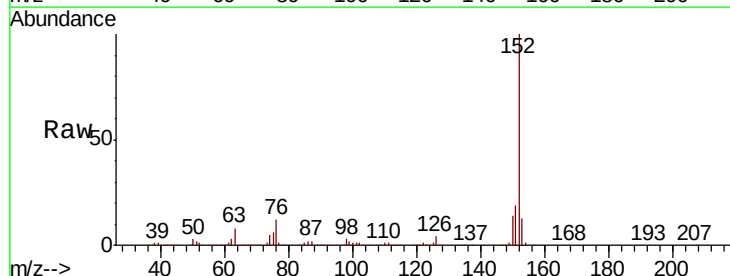
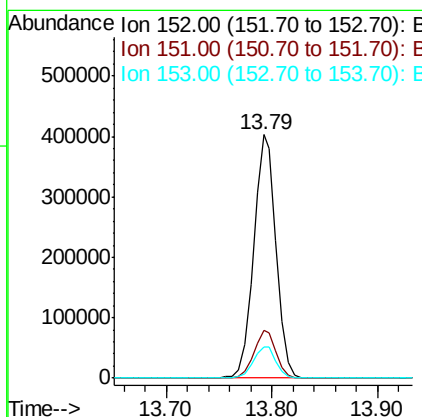
mohammad

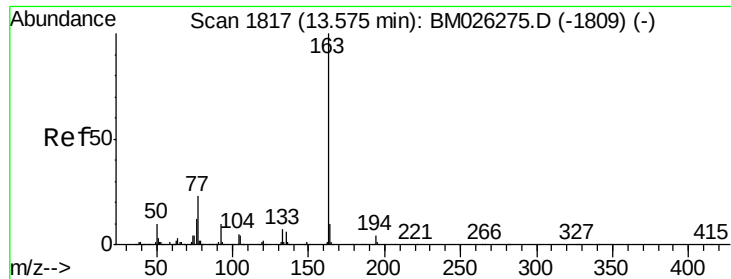
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#49
Acenaphthylene
Concen: 15.141 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.2	15.4



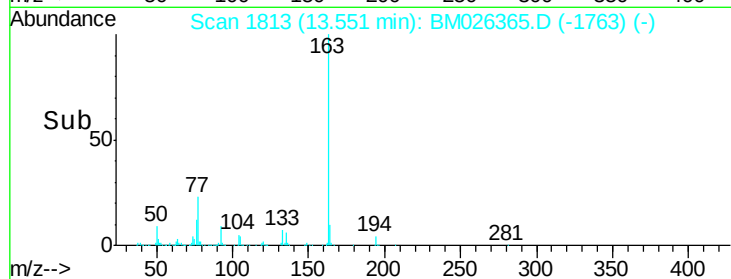
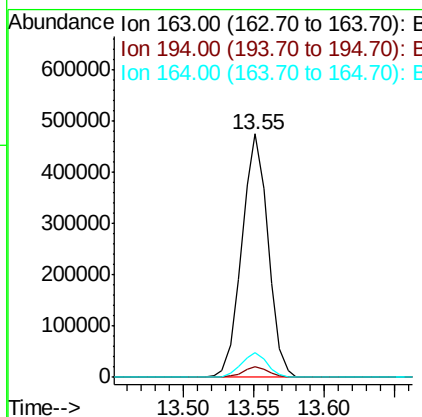
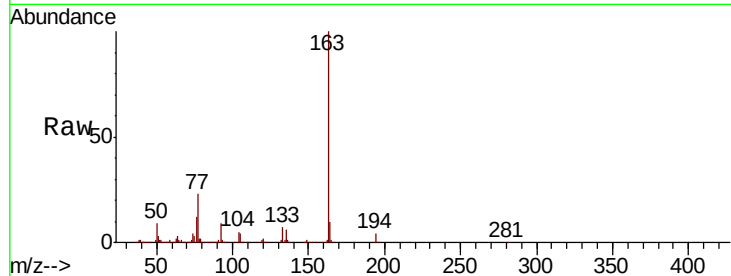


#50
Dimethylphthalate
Concen: 19.588 ng
RT: 13.55 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

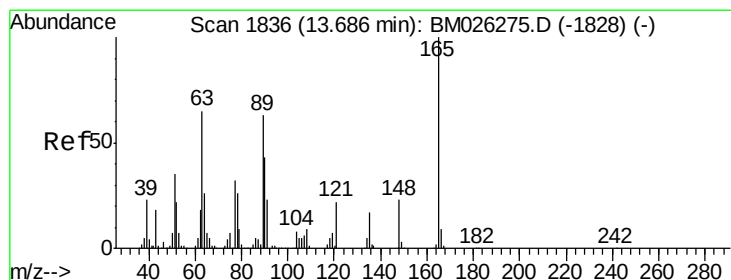
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.2	8.0	12.0

Manual Integrations
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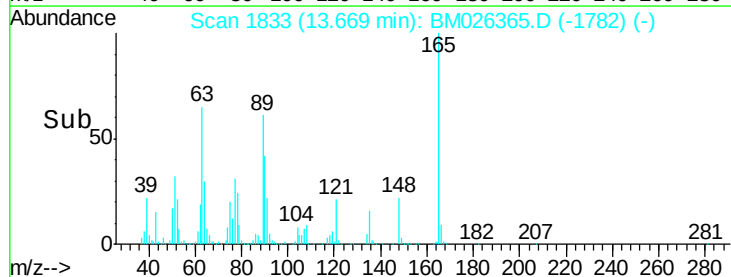
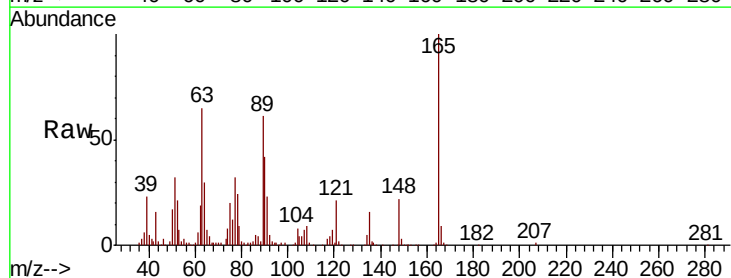
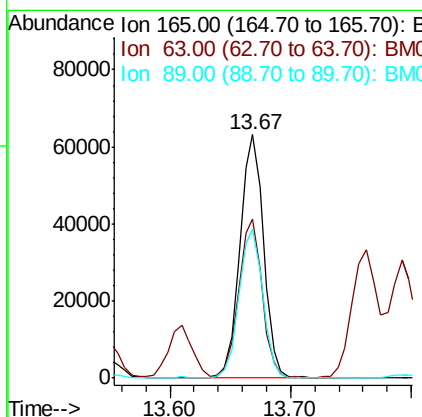
mohammad

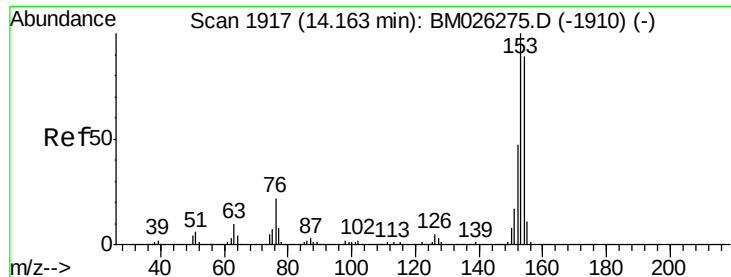
6/15/2020 8:43:37 AM



#51
2,6-Dinitrotoluene
Concen: 12.543 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.4	55.0	82.4
89	61.1	50.0	75.0



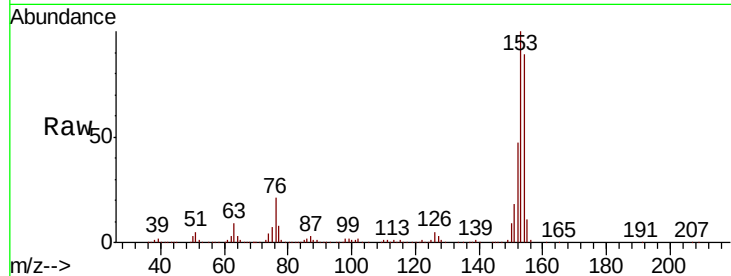


#52
Acenaphthene
Concen: 15.212 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.6	134.4
152	53.2	42.1	63.1

Manual Integrations
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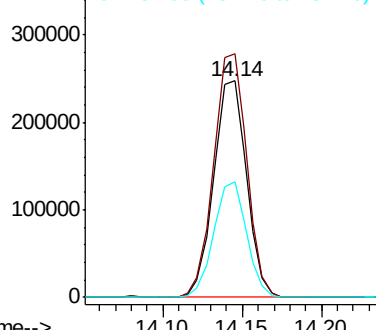


Abundance

Ion 154.00 (153.70 to 154.70): E

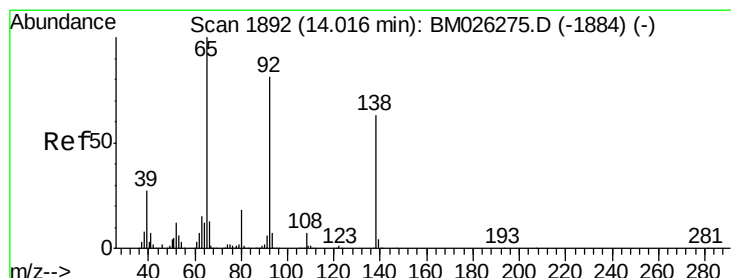
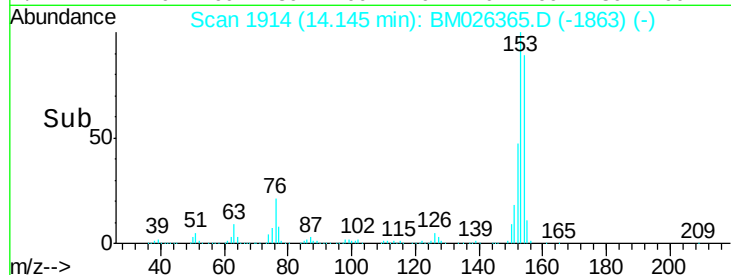
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



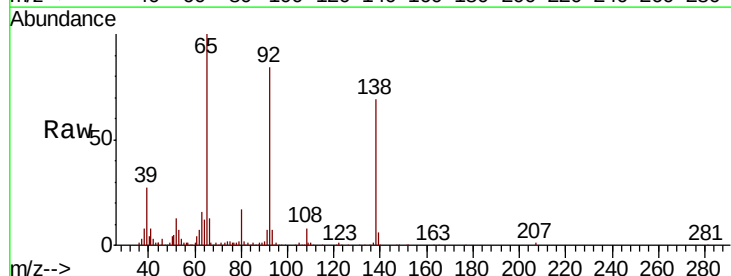
mohammad

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#53
3-Nitroaniline
Concen: 13.596 ng
RT: 14.00 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.0
92	121.7	103.1	154.7

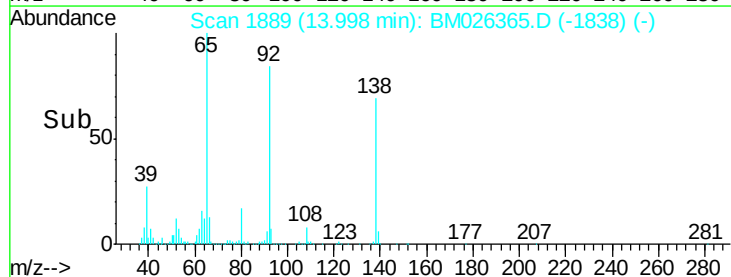
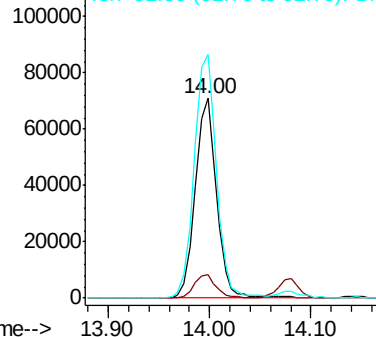


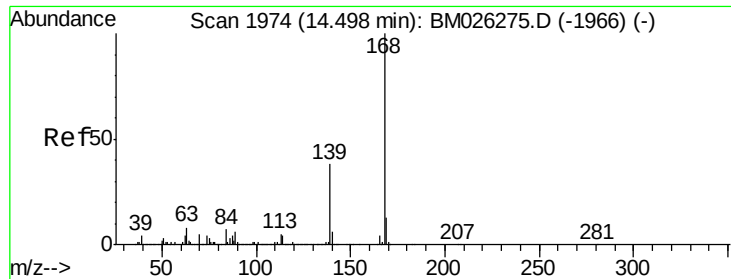
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



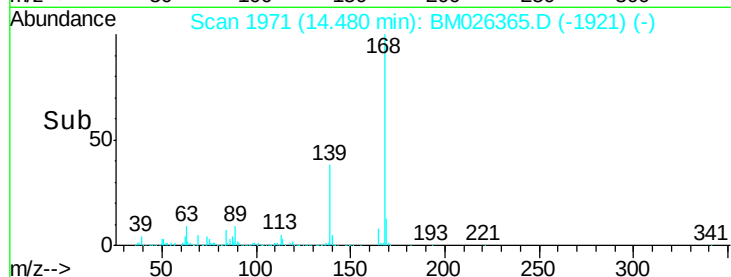
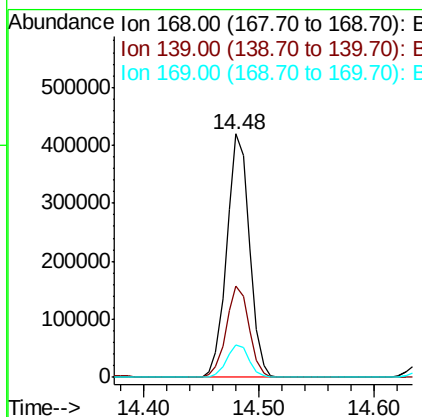
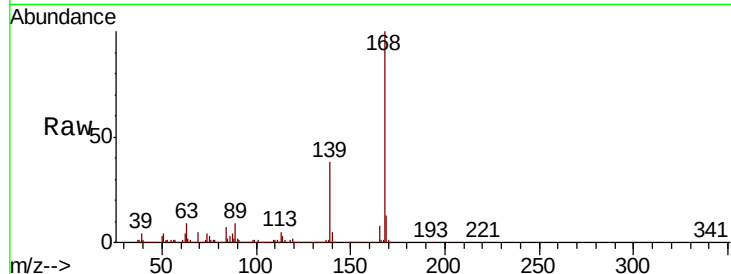


#55
Dibenzofuran
Concen: 15.022 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

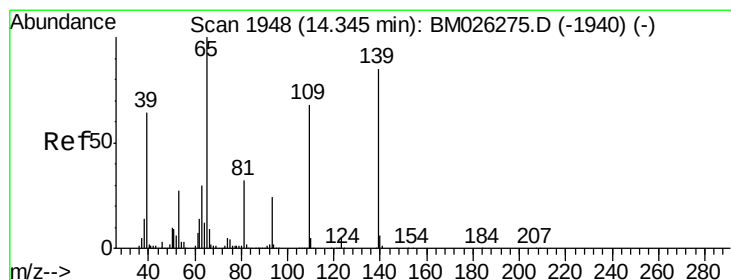
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.7	46.1
169	13.3	10.5	15.7

Manual Integrations
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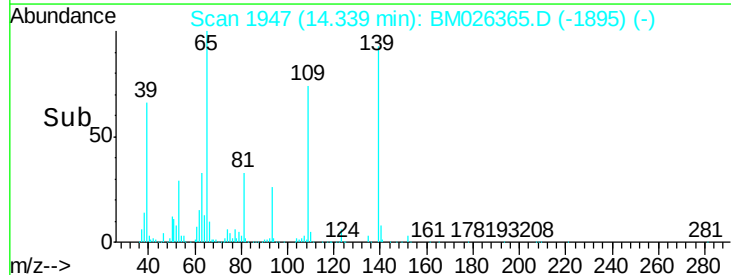
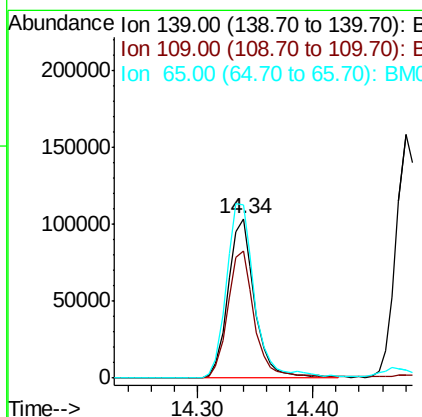
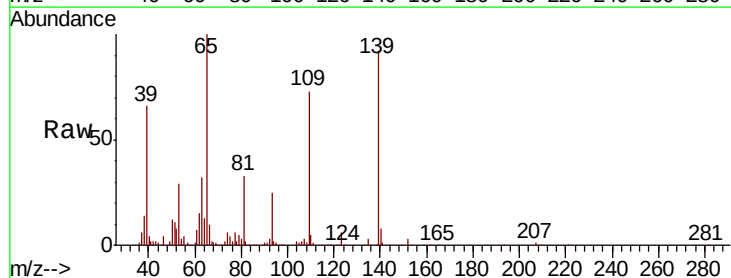
mohammad

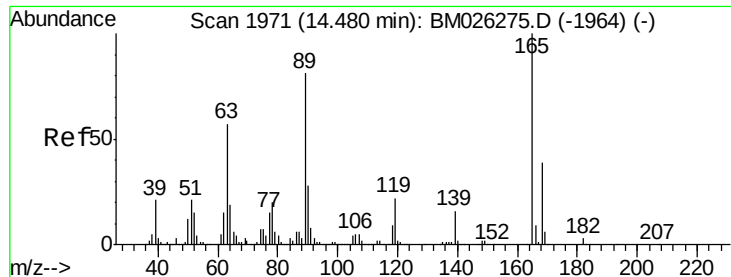
6/15/2020 8:43:37 AM



#56
4-Nitrophenol
Concen: 27.126 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.5	59.9	99.9
65	108.8	97.8	137.8



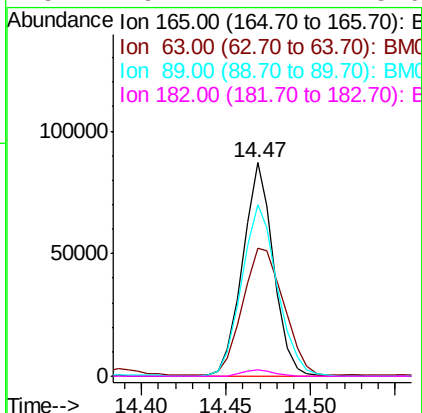
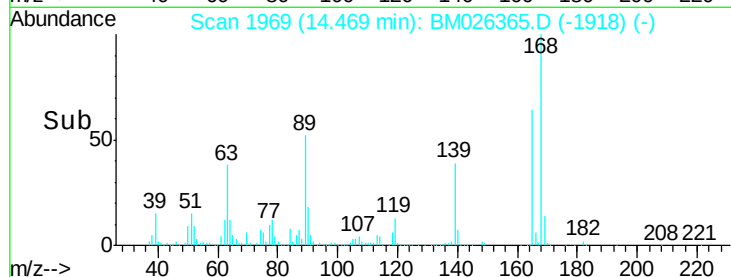
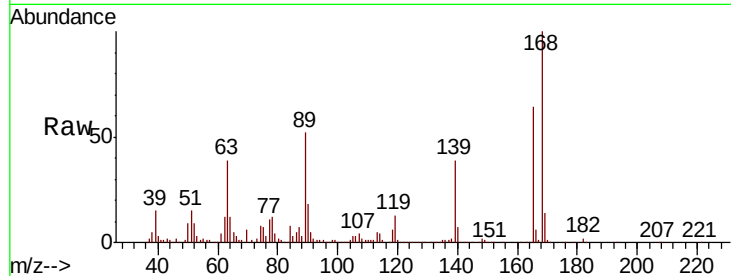


#57
2,4-Dinitrotoluene
Concen: 11.598 ng
RT: 14.47 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

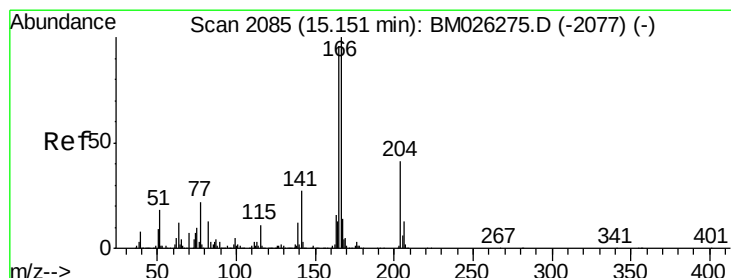
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		111171		
63	59.8	45.8	68.6		
89	80.5	64.7	97.1		
182	3.2	2.4	3.6		

Manual Integrations
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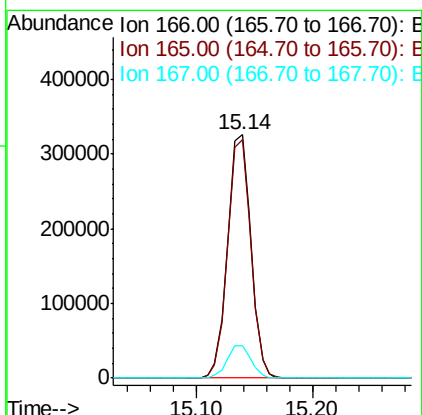
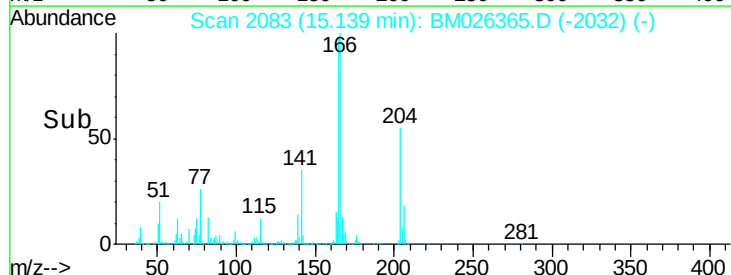
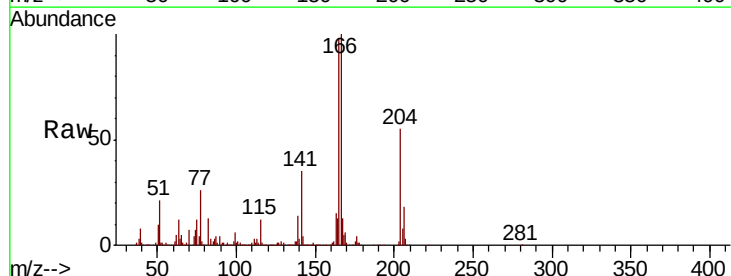
mohammad

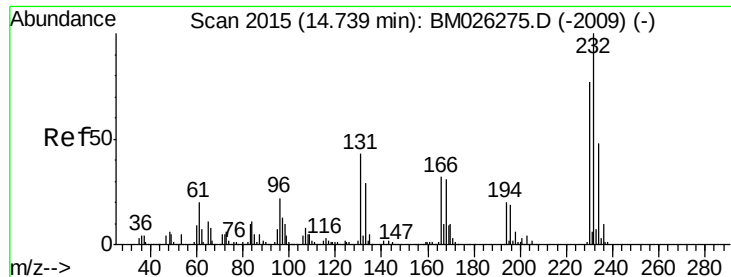
6/15/2020 8:43:37 AM



#58
Fluorene
Concen: 14.814 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		455344		
165	98.1	76.7	115.1		
167	13.2	11.0	16.4		



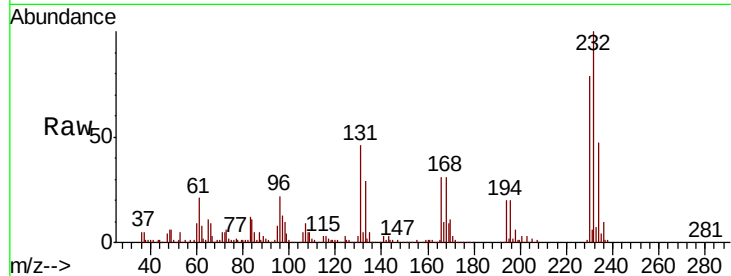


#59
2,3,4,6-Tetrachlorophenol
Concen: 15.236 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

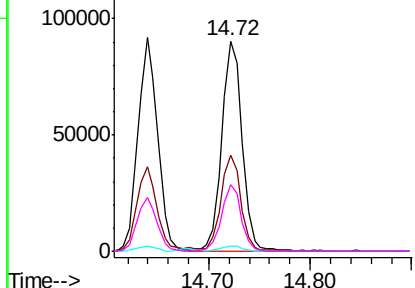
Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.3	55.9
130	2.4	1.9	2.9
166	30.9	25.6	38.4

Manual Integrations
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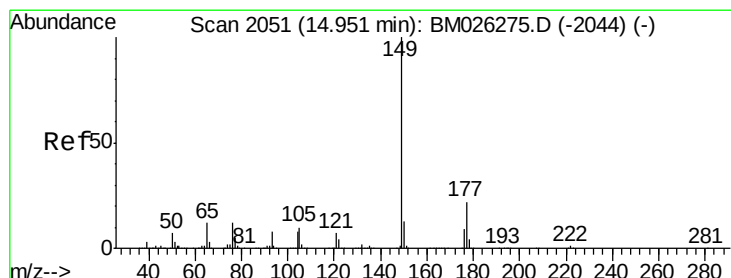
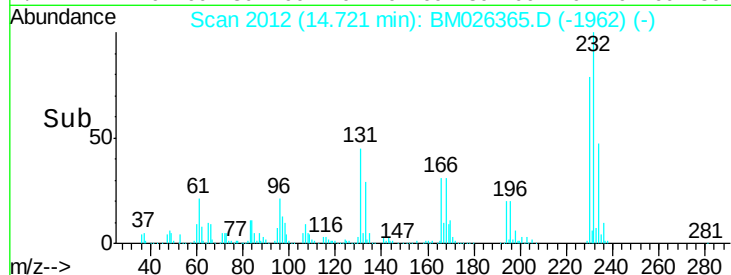


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



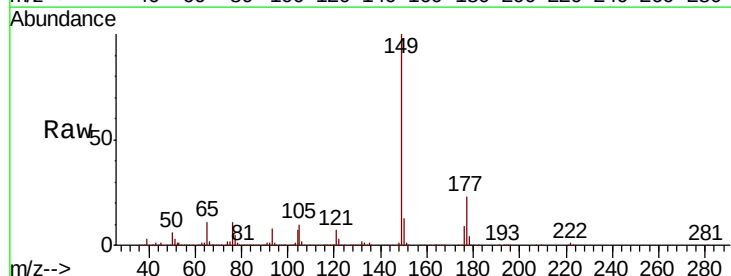
mohammad

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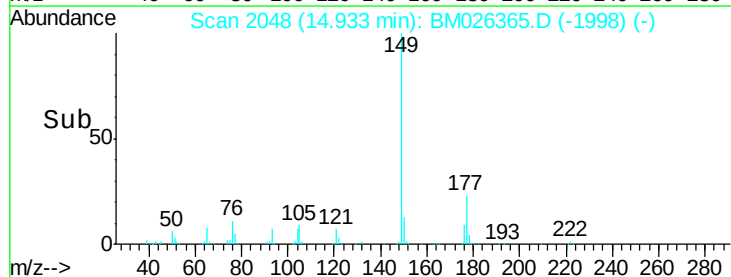
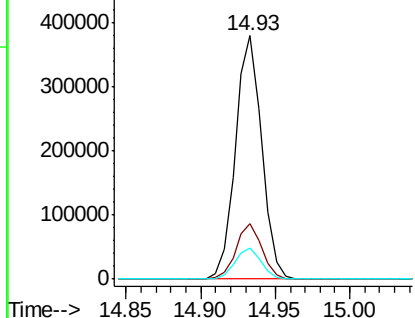


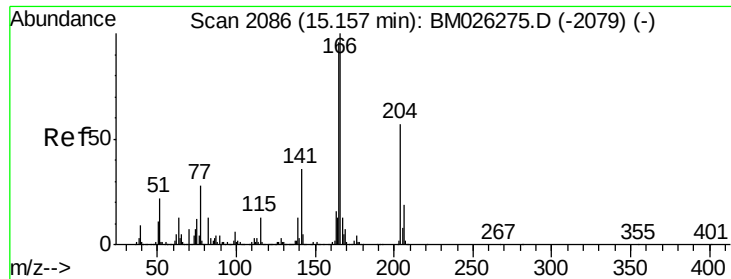
#60
Diethylphthalate
Concen: 14.549 ng
RT: 14.93 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.8	26.6
150	12.7	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



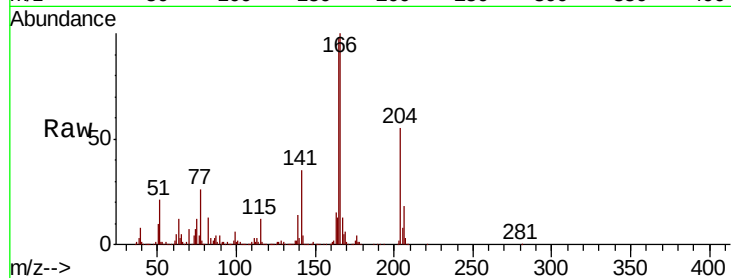


#61
4-Chlorophenyl-phenylether
Concen: 14.091 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

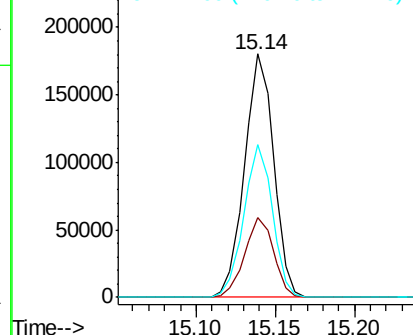
Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion:	204	Resp:	229741
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	40.0
141	62.8	50.6	76.0

Manual Integrations
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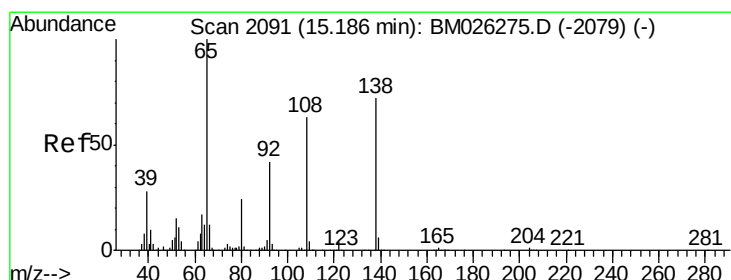
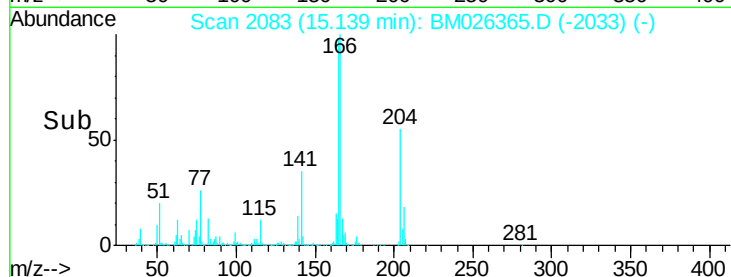


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



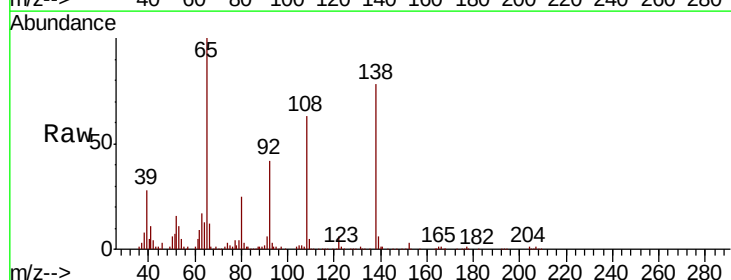
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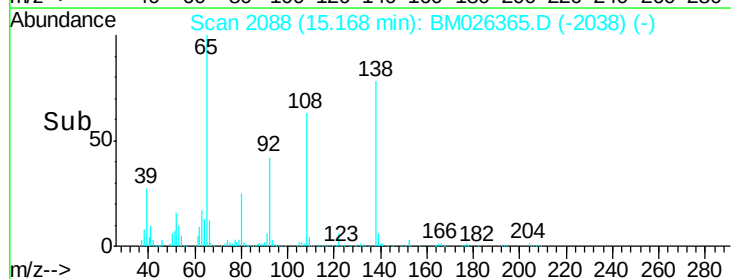
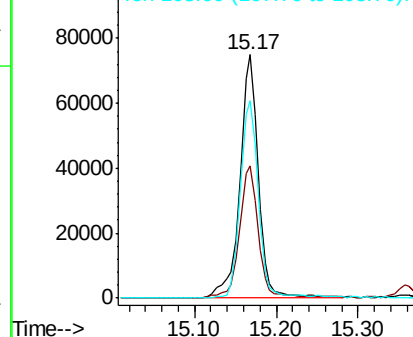


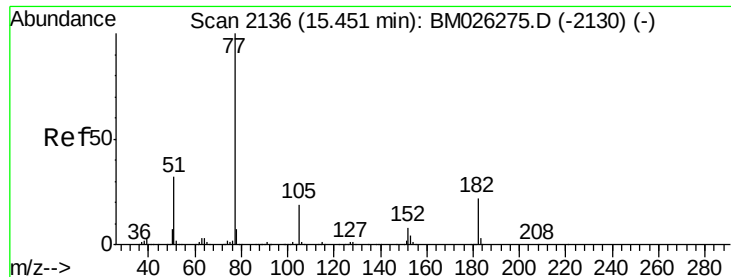
#62
4-Nitroaniline
Concen: 14.528 ng
RT: 15.17 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion:	138	Resp:	118944
Ion Ratio	Lower	Upper	
138	100		
92	54.2	38.0	78.0
108	80.9	67.3	107.3



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



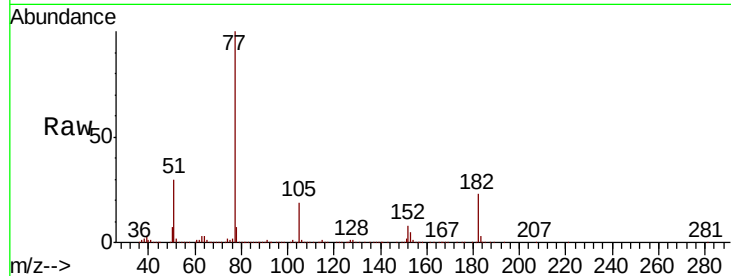


#63
Azobenzene
Concen: 13.784 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

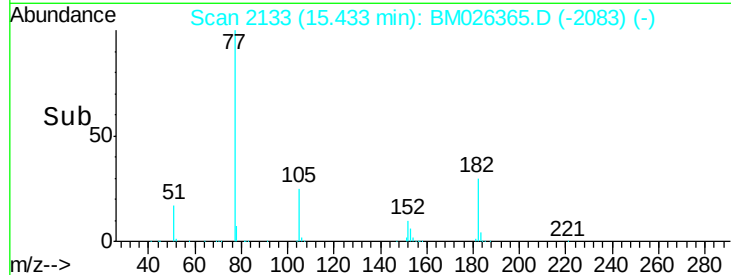
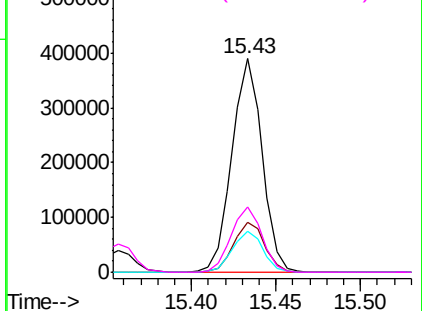
Instrument :
BNA_M
ClientSampled :
239-355MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	2.0	42.0
105	19.4	0.0	38.8
51	30.4	12.3	52.3

Manual Integrations
APPROVED

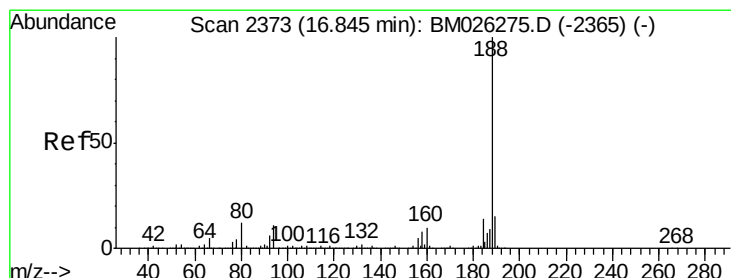


Abundance Ion 77.00 (76.70 to 77.70): BM026275.D (-2130) (-)
Ion 182.00 (181.70 to 182.70): BM026275.D (-2130) (-)
Ion 105.00 (104.70 to 105.70): BM026275.D (-2130) (-)
Ion 51.00 (50.70 to 51.70): BM026275.D (-2130) (-)



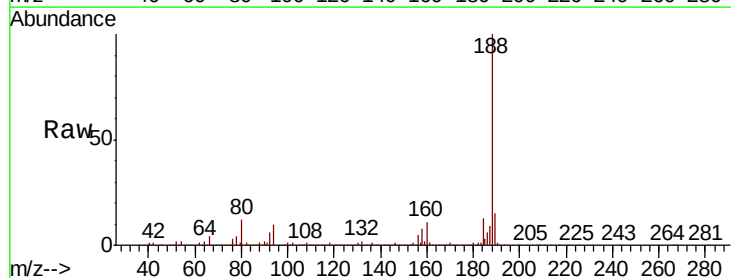
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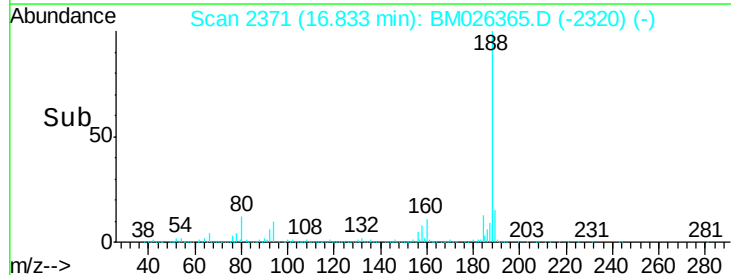
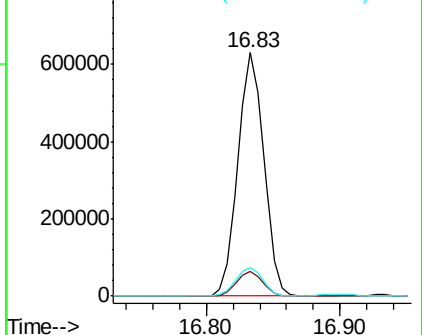


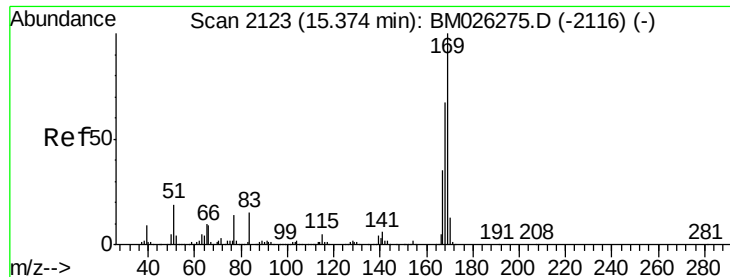
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	11.8	9.7	14.5



Abundance Ion 188.00 (187.70 to 188.70): BM026275.D (-2365) (-)
Ion 94.00 (93.70 to 94.70): BM026275.D (-2365) (-)
Ion 80.00 (79.70 to 80.70): BM026275.D (-2365) (-)



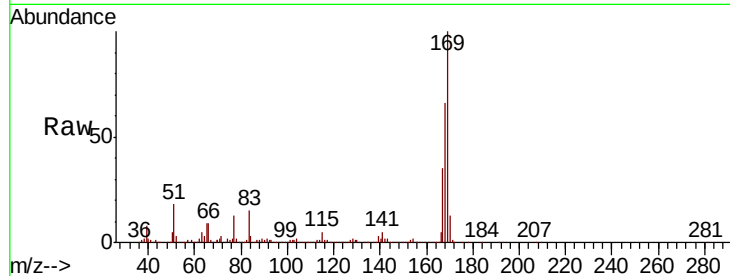


#66
n-Nitrosodiphenylamine
Concen: 15.880 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampled :
239-355MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	392145		
168	65.9	53.4	80.2	
167	35.2	28.3	42.5	

Manual Integrations
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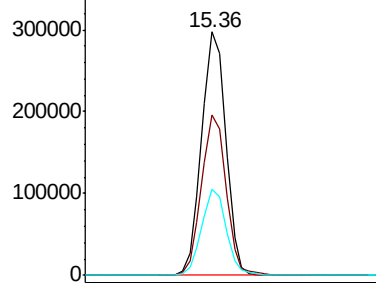


Abundance

Ion 169.00 (168.70 to 169.70): E

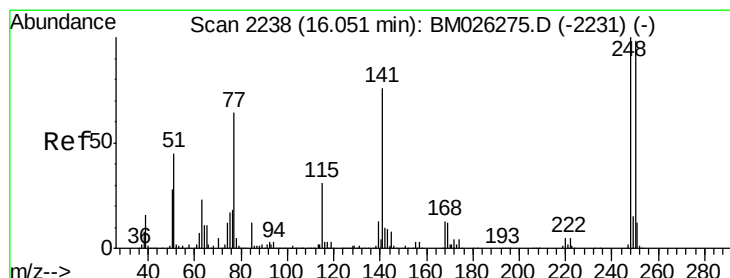
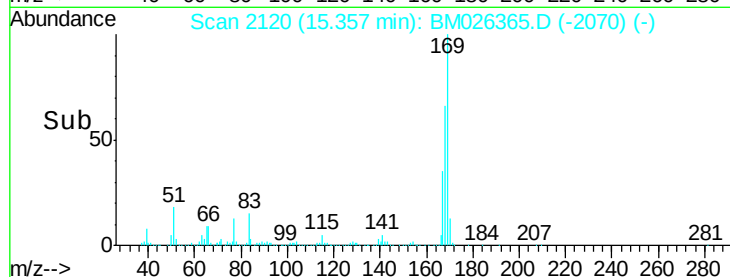
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



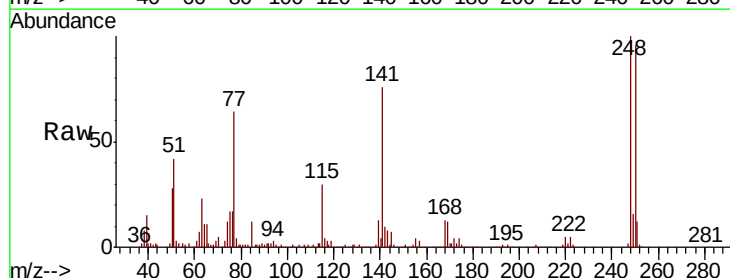
mohammad

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#67
4-Bromophenyl-phenylether
Concen: 15.168 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	142339		
250	95.9	78.2	117.2	
141	76.3	60.7	91.1	

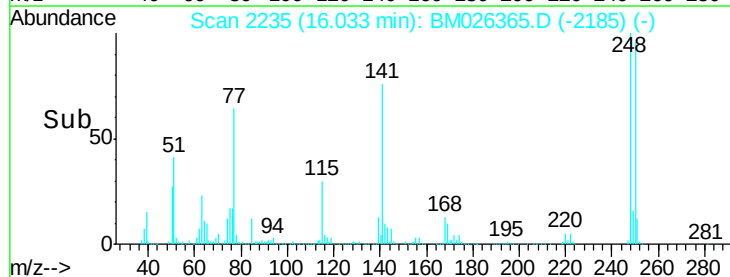
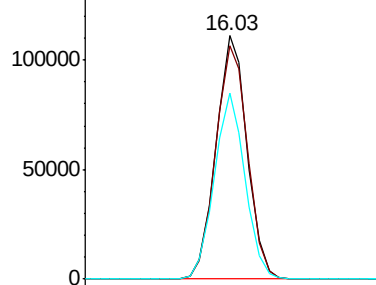


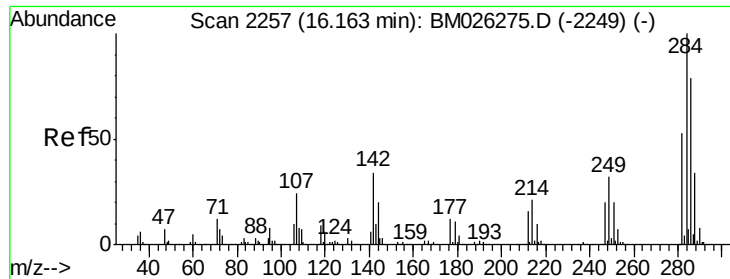
Abundance

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



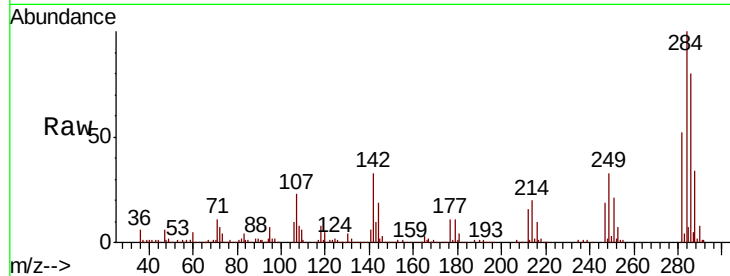


#68
Hexachlorobenzene
Concen: 15.736 ng
RT: 16.15 min Scan# 2255
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

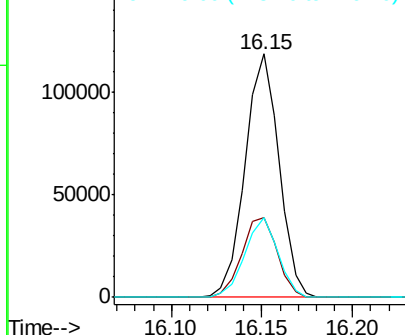
Instrument :
BNA_M
ClientSampleId :
239-355MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	154083		
142	32.8		27.3	40.9
249	32.6		25.6	38.4

Manual Integrations
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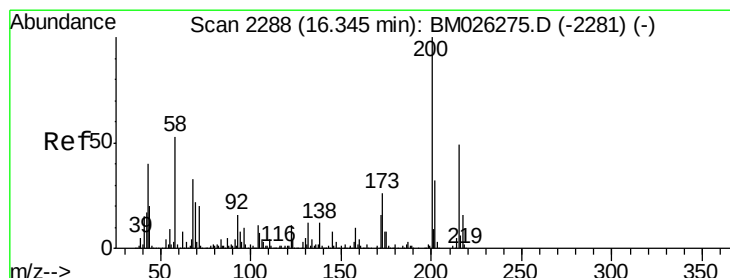
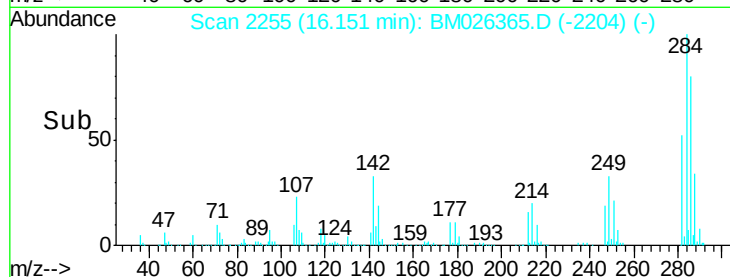


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



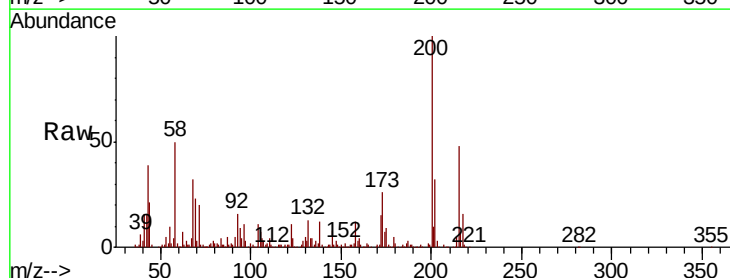
mohammad

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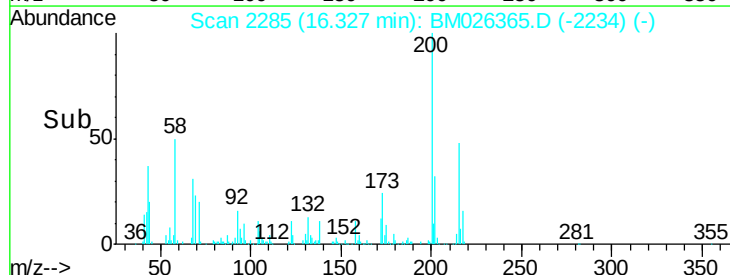
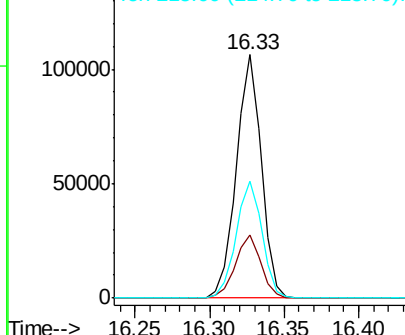


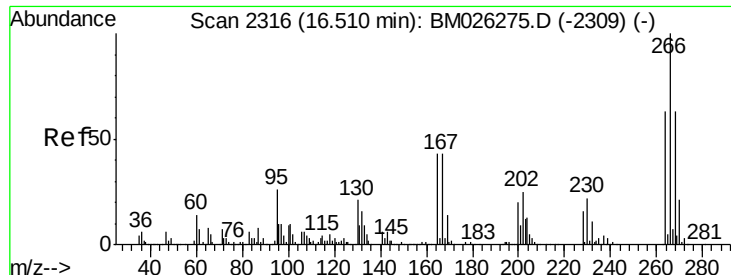
#69
Atrazine
Concen: 16.906 ng
RT: 16.33 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	124724		
173	25.8		6.4	46.4
215	48.0		28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



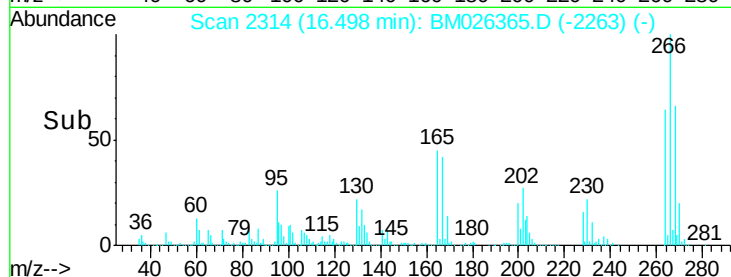
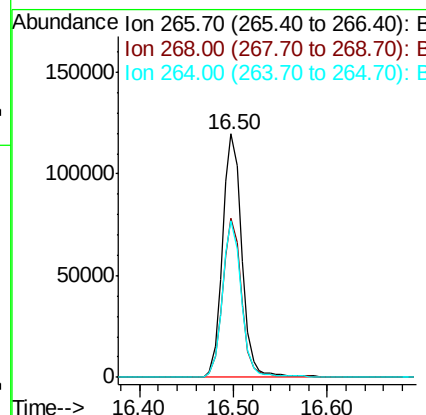
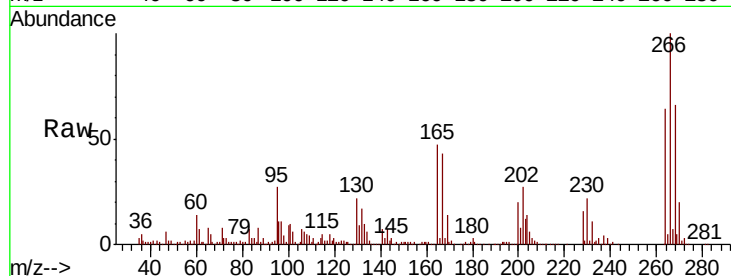


#70
 Pentachlorophenol
 Concen: 29.399 ng
 RT: 16.50 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Instrument :
 BNA_M
 ClientSampleId :
 239-355MSD

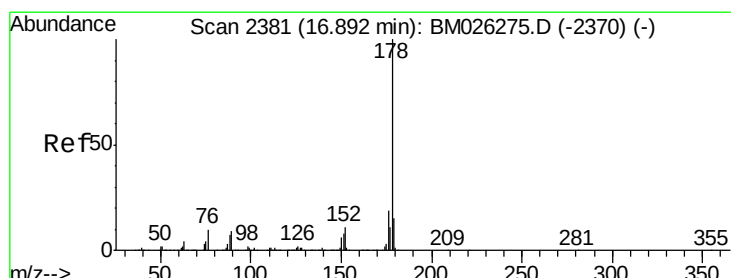
Tot Ion	Ratio	Resp	Lower	Upper
266	100	173361		
268	65.6	50.5	75.7	
264	64.5	50.2	75.4	

Manual Integrations
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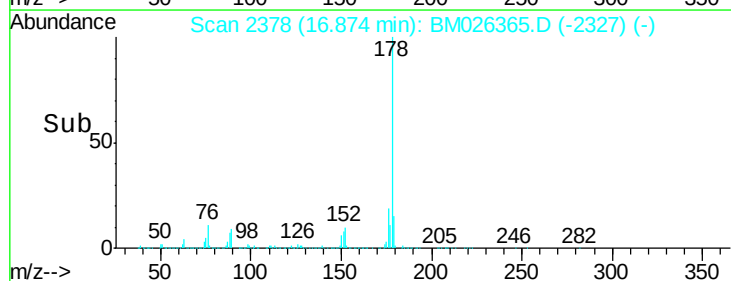
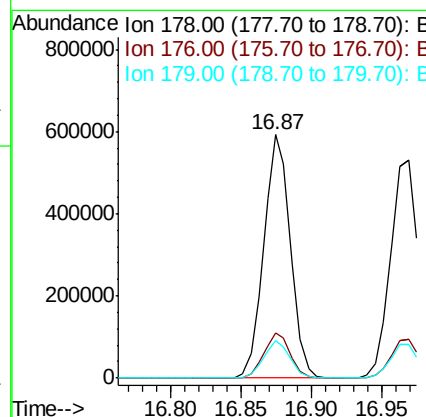
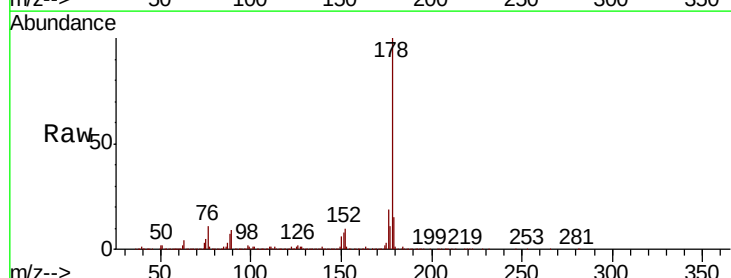
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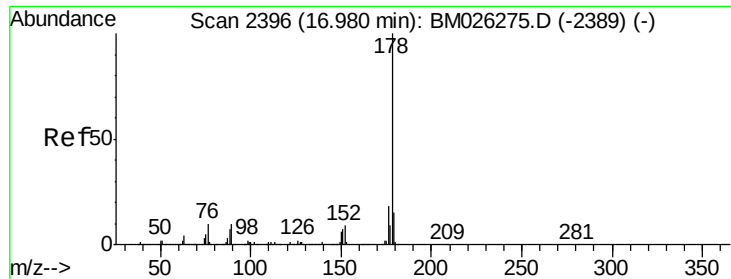
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#71
 Phenanthrene
 Concen: 17.674 ng
 RT: 16.87 min Scan# 2378
 Delta R.T. -0.00 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	784591		
176	18.7	14.9	22.3	
179	15.2	12.0	18.0	



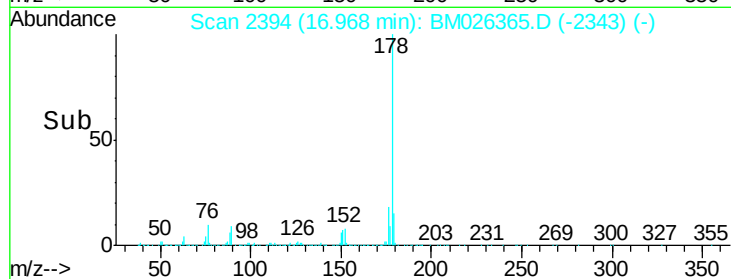
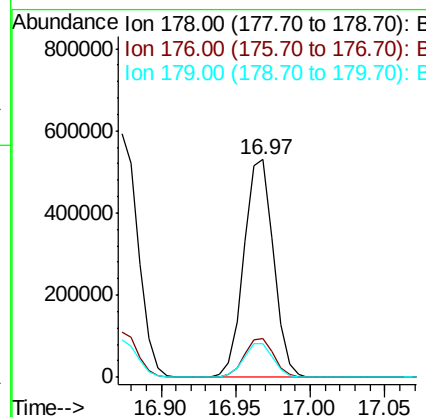
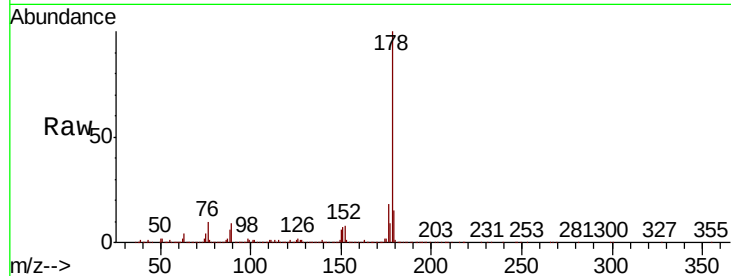


#72
 Anthracene
 Concen: 16.427 ng
 RT: 16.97 min Scan# 2394
 Delta R.T. -0.00 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Instrument :
 BNA_M
 ClientSampleId :
 239-355MSD

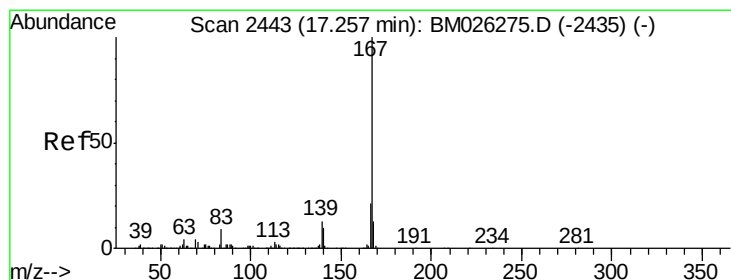
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.4	12.2	18.4

Manual Integrations
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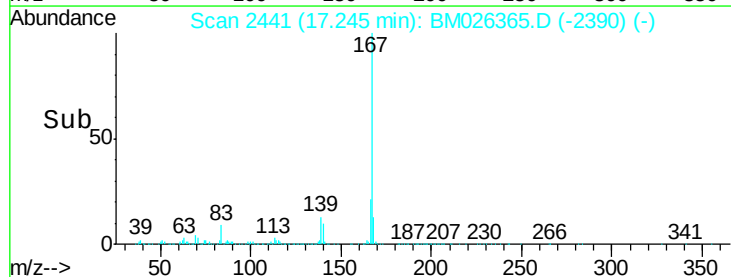
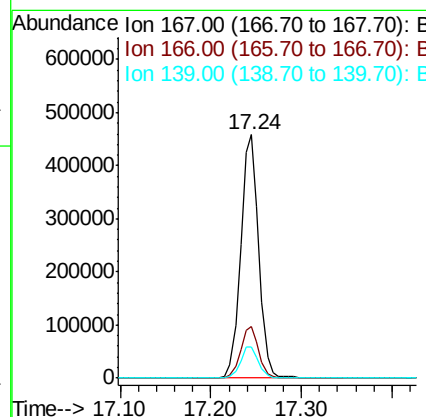
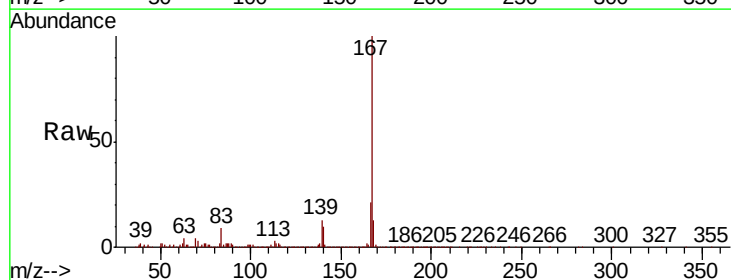
mohammad

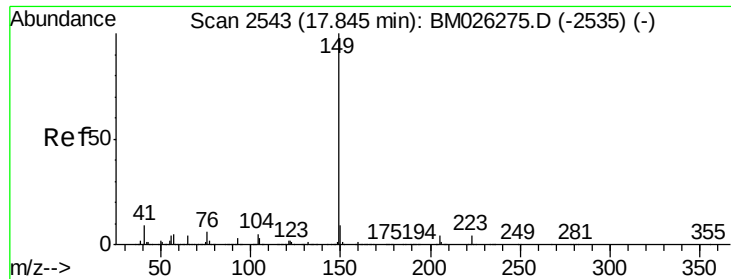
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#73
 Carbazole
 Concen: 15.153 ng
 RT: 17.24 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.8	25.2
139	13.0	10.6	15.8



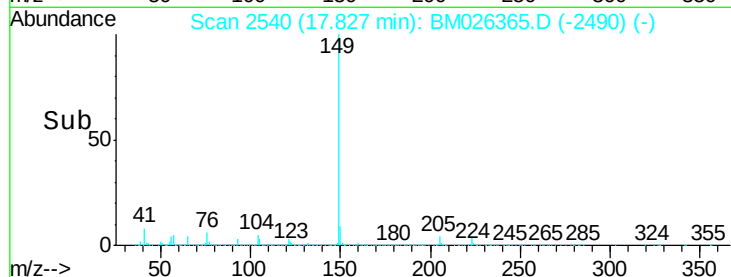
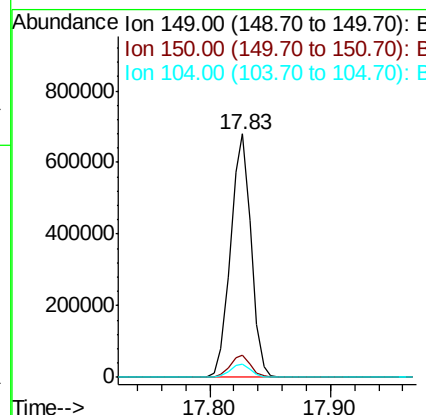
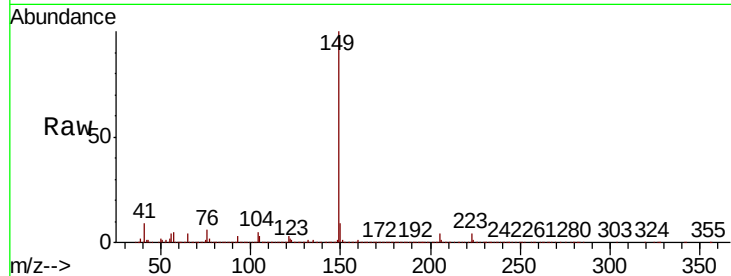


#74
Di-n-butylphthalate
Concen: 16.020 ng
RT: 17.83 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

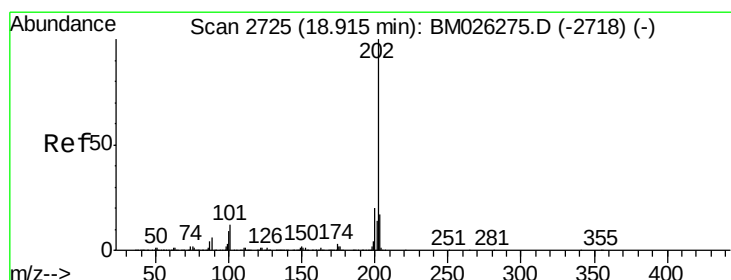
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	5.2	4.3	6.5

Manual Integrations
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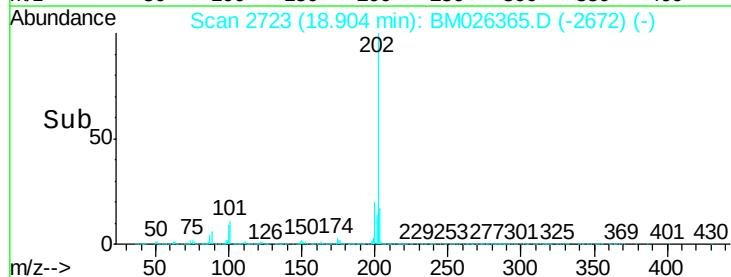
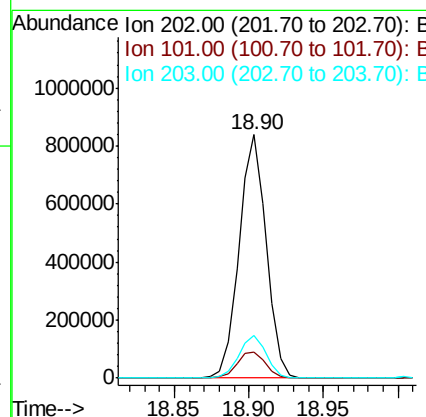
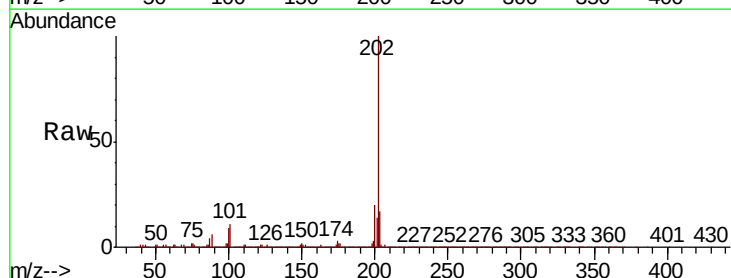
mohammad

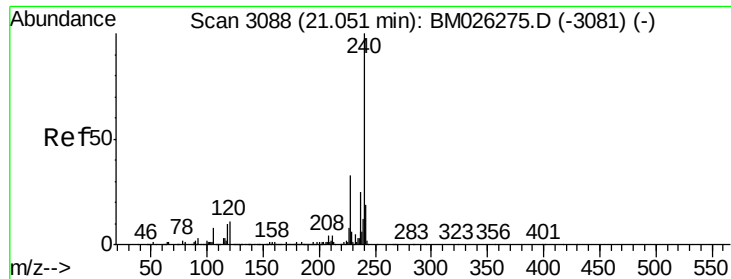
6/15/2020 8:43:37 AM



#75
Fluoranthene
Concen: 20.751 ng
RT: 18.90 min Scan# 2723
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.6
203	17.3	0.0	37.4



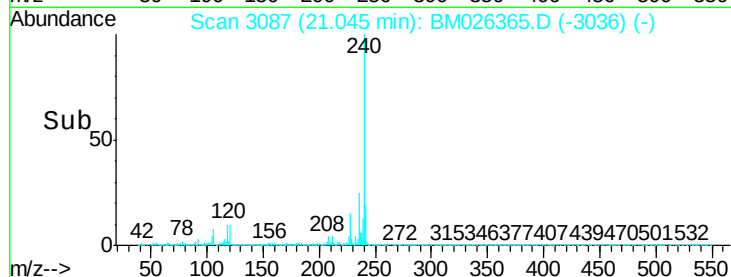
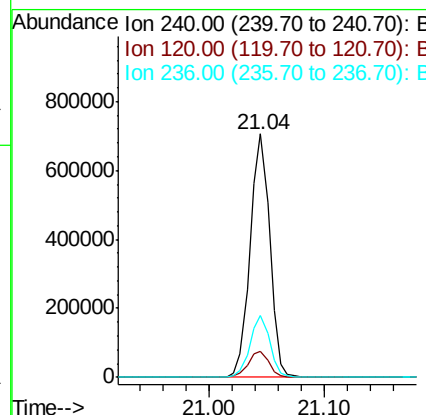
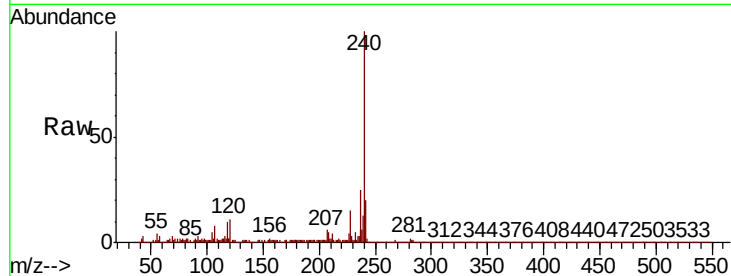


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

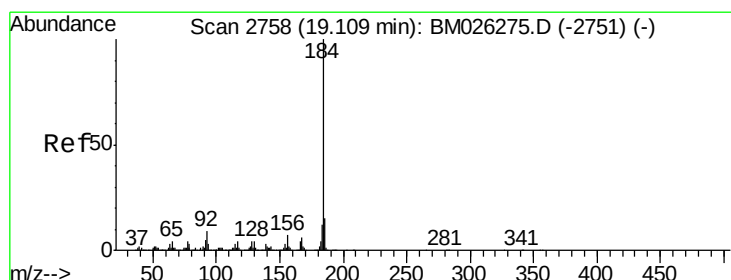
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.3	19.7	29.5

Manual Integrations
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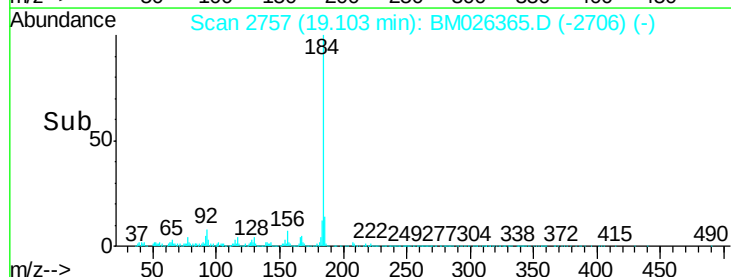
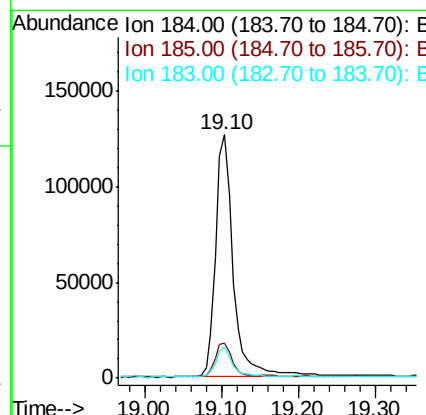
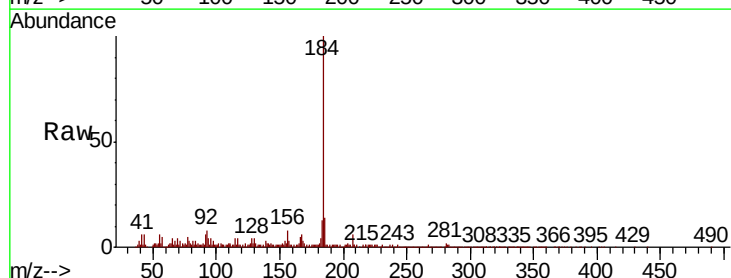
mohammad

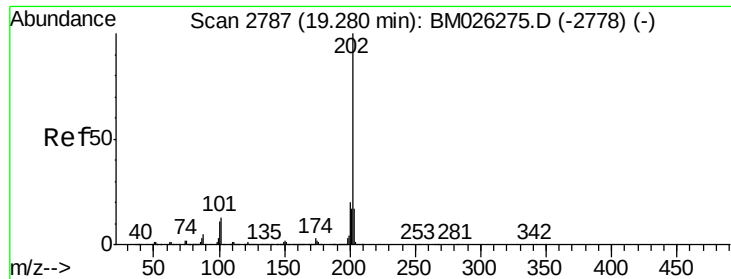
6/15/2020 8:43:37 AM



#77
Benzidine
Concen: 11.710 ng
RT: 19.10 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	12.6	9.3	13.9



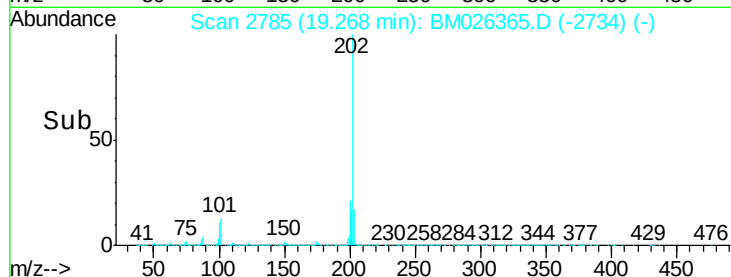
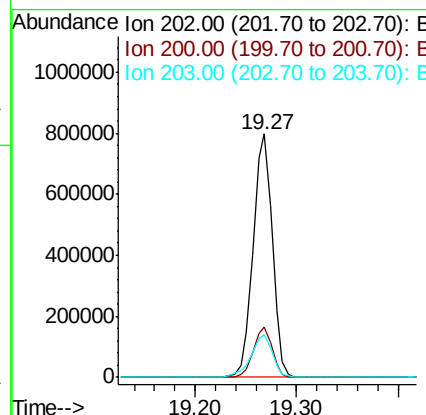
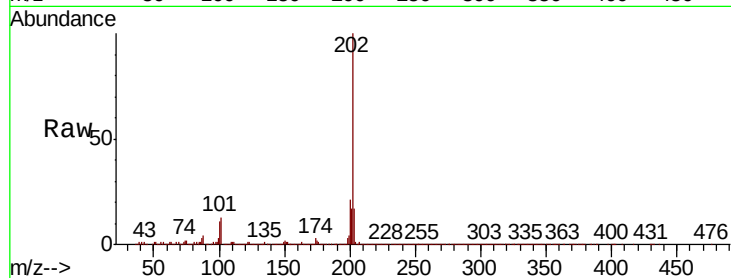


#78
Pvrene
Concen: 19.118 ng
RT: 19.27 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

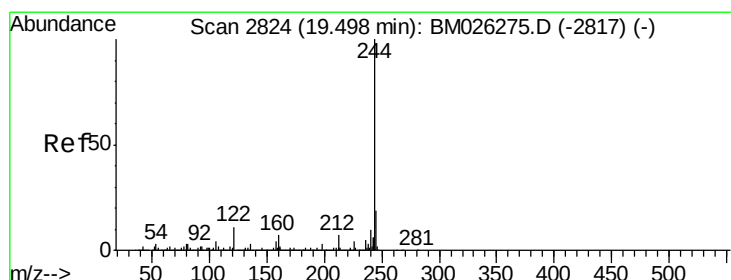
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	17.4	13.8	20.8

Manual Integrations
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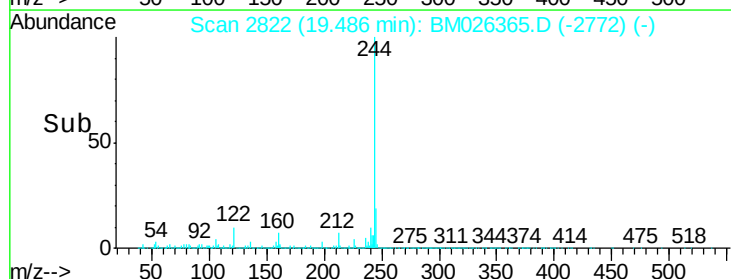
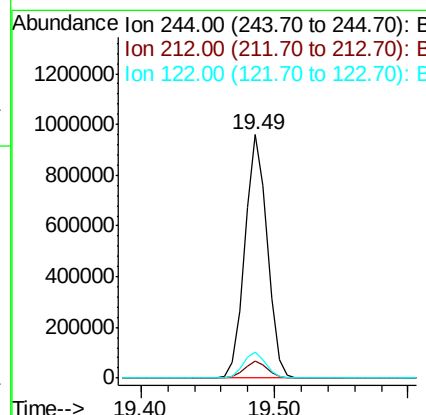
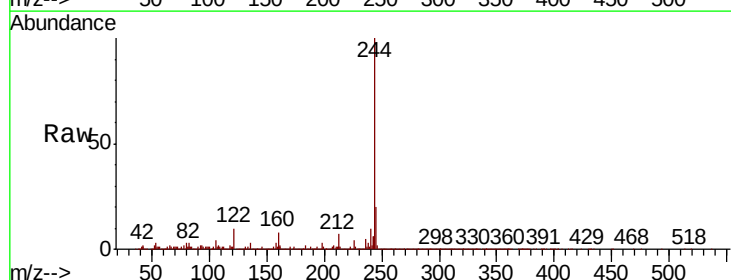
mohammad

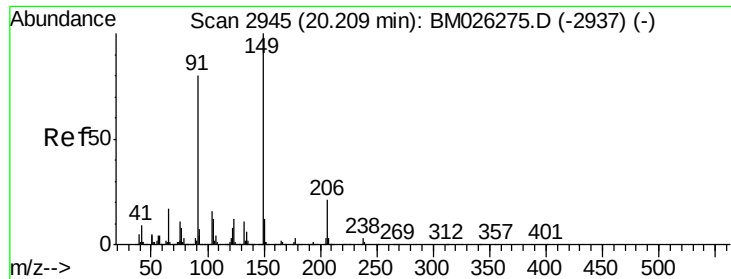
6/15/2020 8:43:37 AM



#79
Terphenyl-d14
Concen: 25.725 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.5	9.1	13.7



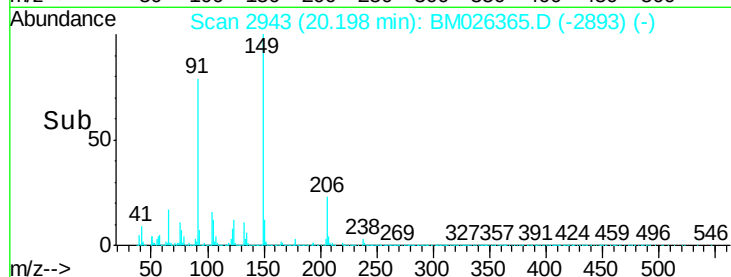
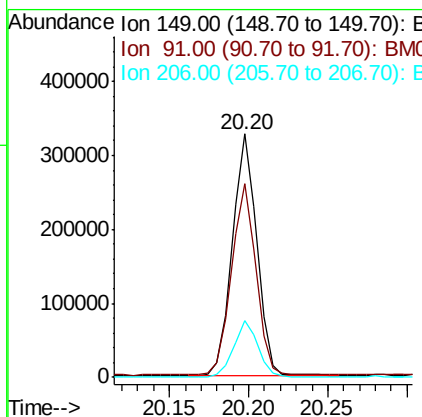
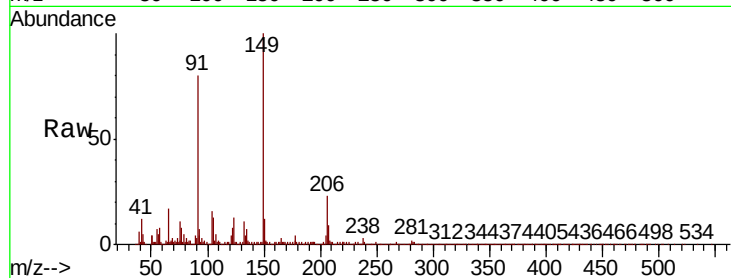


#80
Butylbenzylphthalate
Concen: 15.674 ng
RT: 20.20 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampled :
239-355MSD

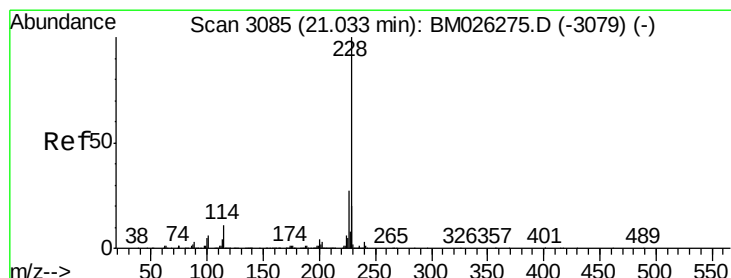
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.6	64.2	96.2
206	23.2	16.9	25.3

Manual Integrations
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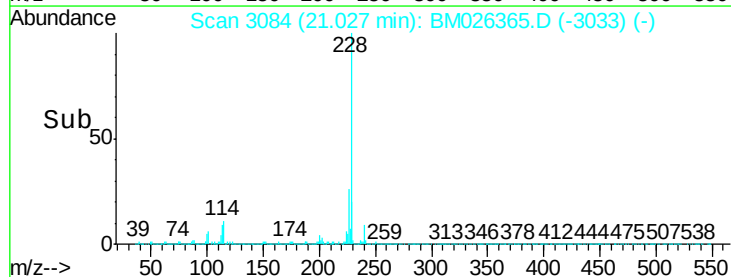
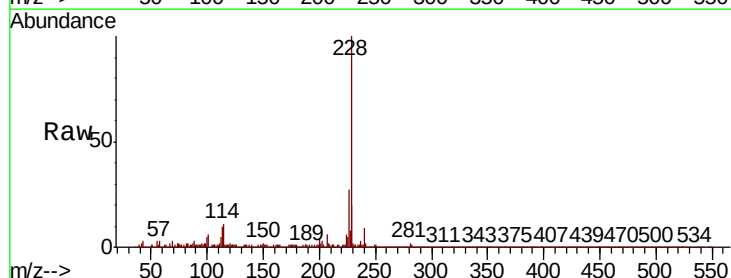
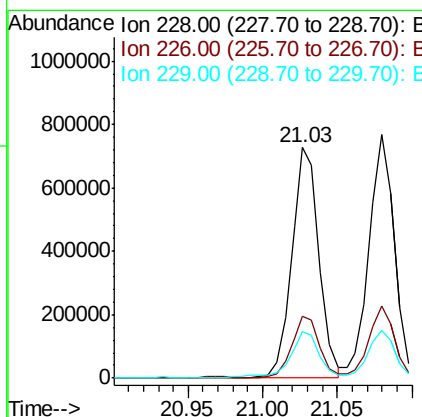
mohammad

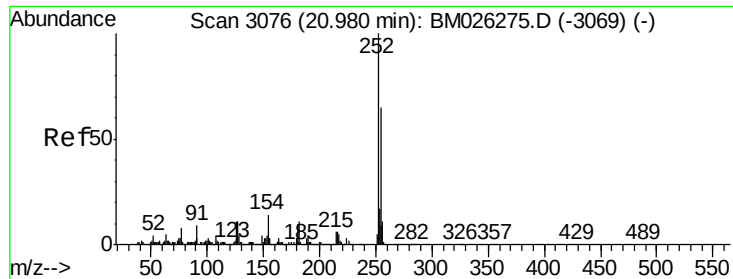
6/15/2020 8:43:37 AM



#81
Benzo(a)anthracene
Concen: 18.359 ng
RT: 21.03 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.9	15.9	23.9





#82

3,3'-Dichlorobenzidine

Concen: 15.173 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

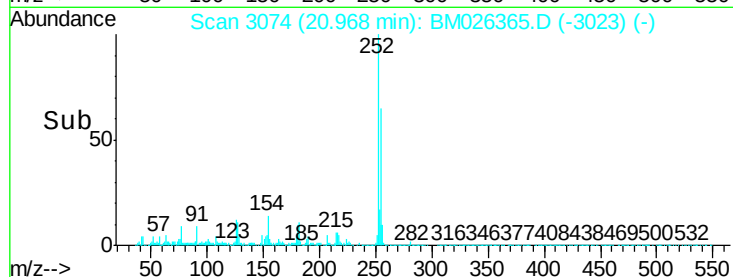
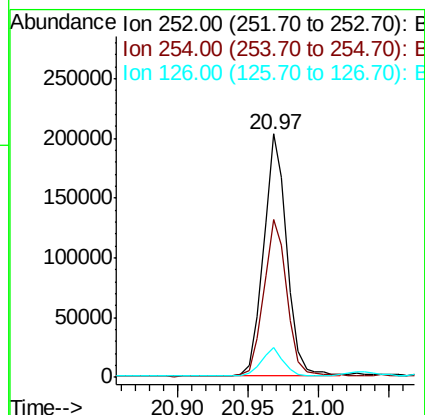
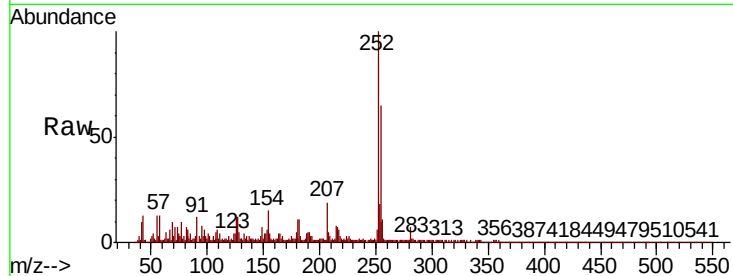
BNA_M

ClientSampleId :

239-355MSD

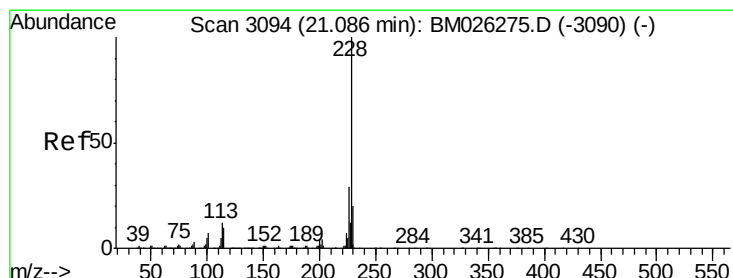
Tot Ion:	252	Resp:	234089
Ion Ratio	Lower	Upper	
252	100		
254	64.9	51.6	77.4
126	12.5	8.6	13.0

Manual Integrations
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#83

Chrysene

Concen: 18.687 ng

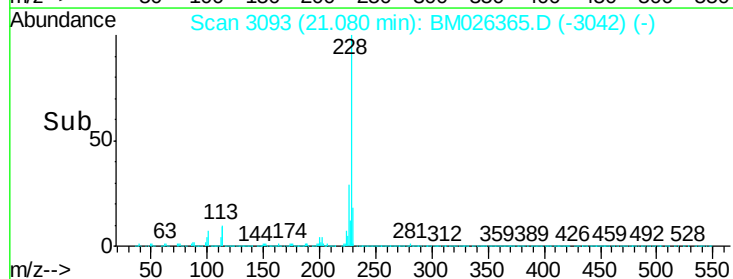
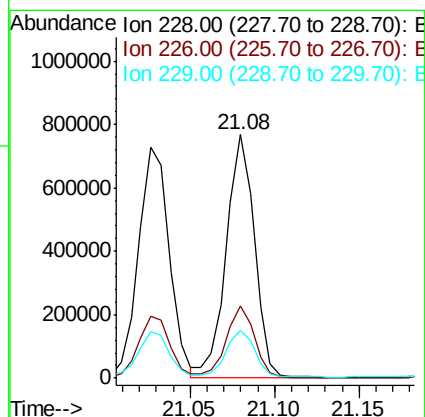
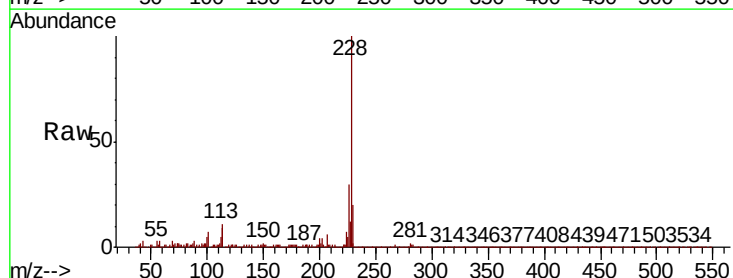
RT: 21.08 min Scan# 3093

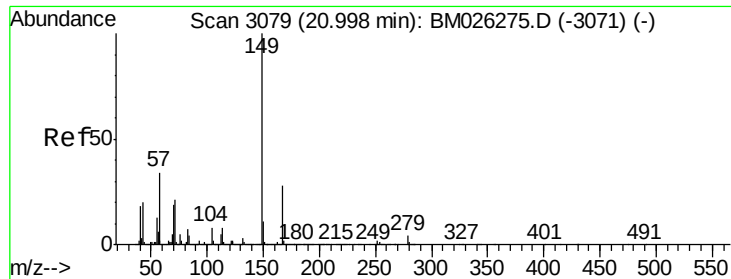
Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Tgt Ion:	228	Resp:	887998
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.5	35.3
229	19.8	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.732 ng

RT: 20.99 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

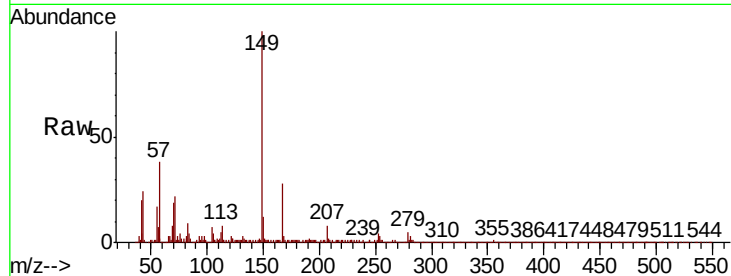
BNA_M

ClientSampleId :

239-355MSD

Tot Ion:	149	Resp:	529581
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.2	33.4
279	5.1	3.6	5.4

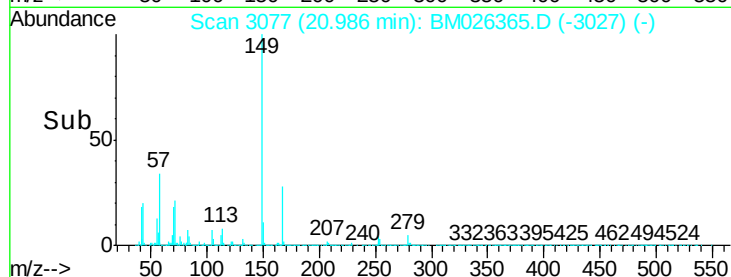
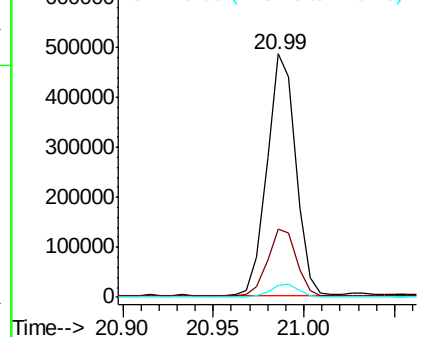
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

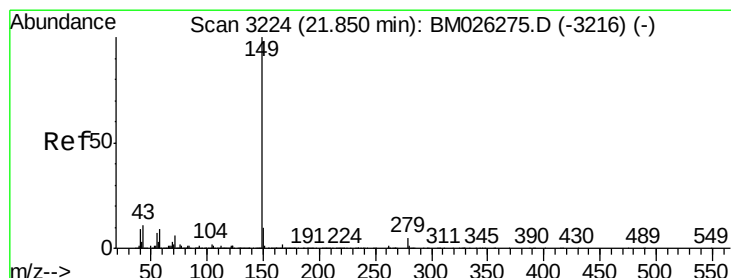
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



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#85

Di-n-octyl phthalate

Concen: 18.200 ng

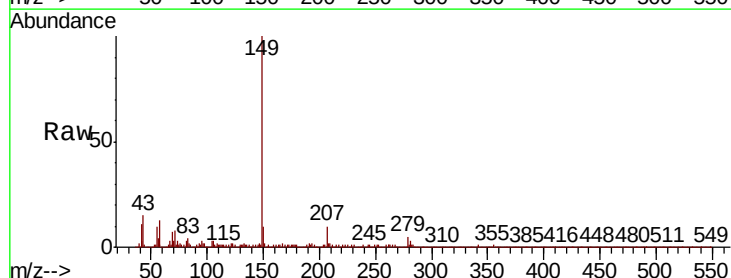
RT: 21.84 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

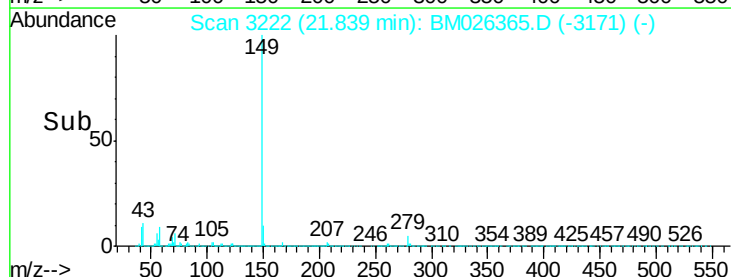
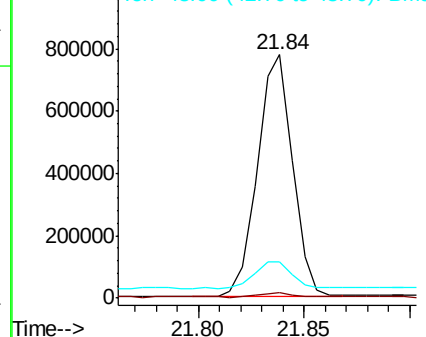
Tgt Ion:	149	Resp:	888609
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	12.2	10.2	15.2

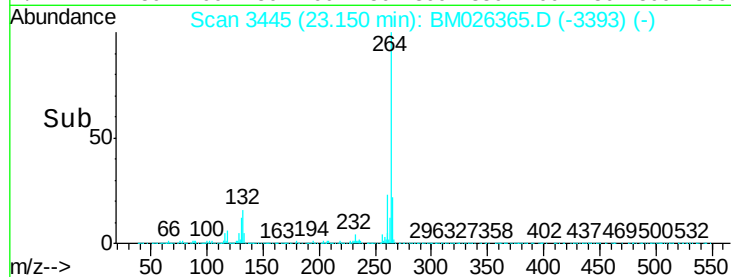
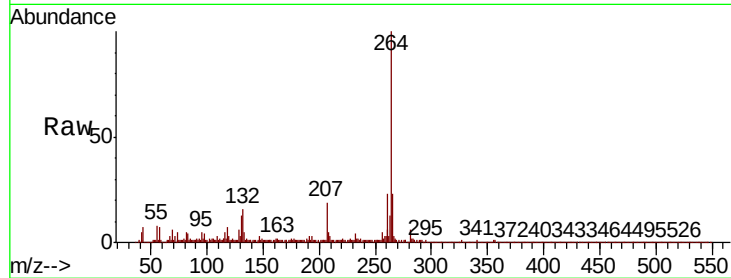
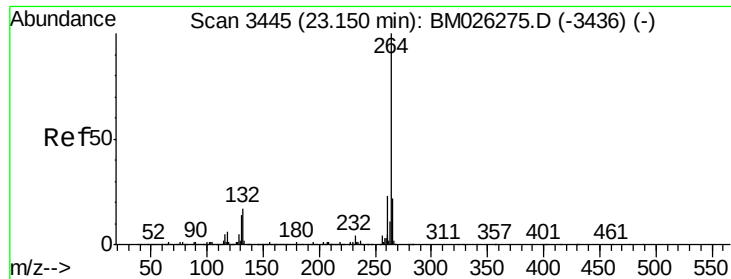


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



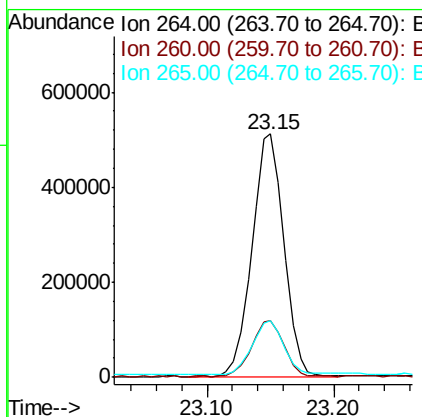


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. 0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	23.1	18.2	27.2

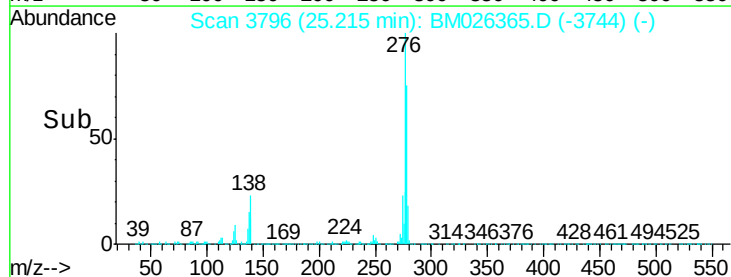
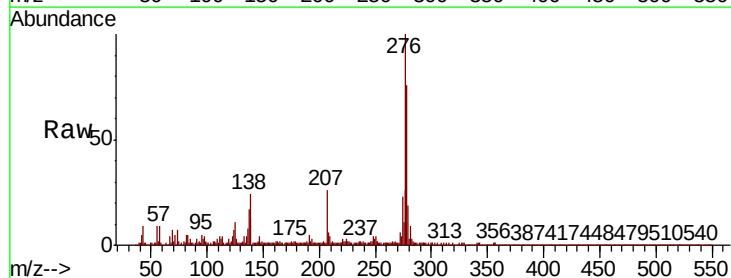
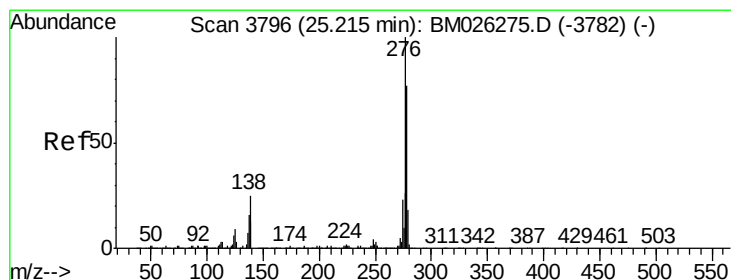
Instrument :
BNA_M
ClientSampleId :
239-355MSD

Manual Integrations
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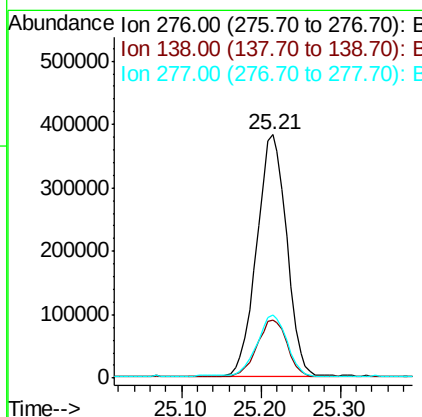
mohammad

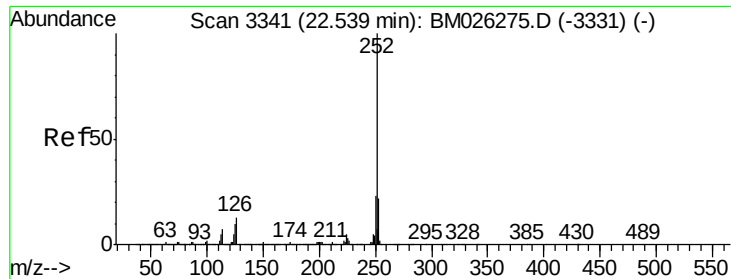
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#87
Indeno(1,2,3-cd)pyrene
Concen: 19.574 ng
RT: 25.21 min Scan# 3796
Delta R.T. 0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.8	29.8
277	25.2	20.2	30.2



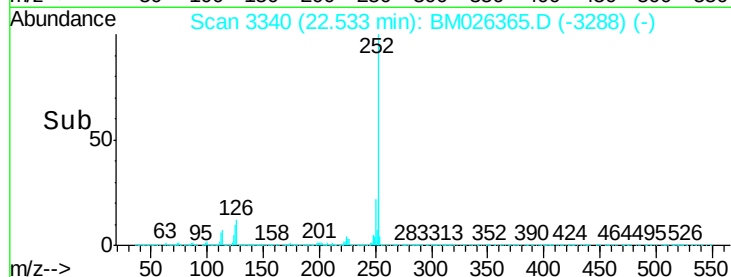
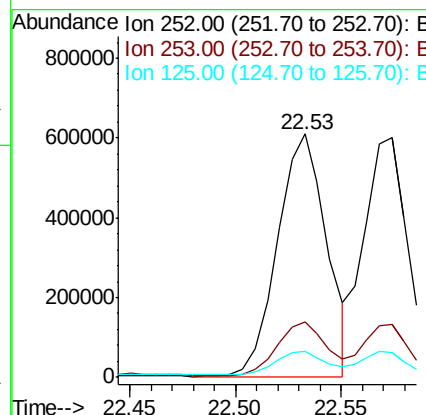
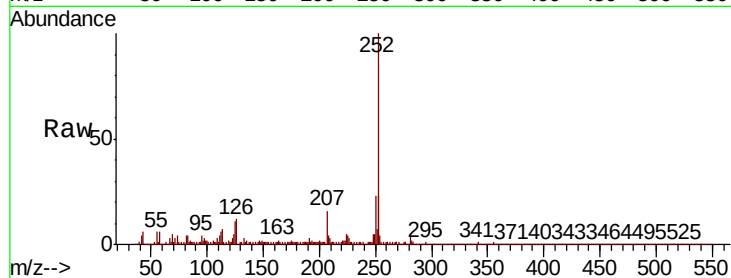


#88
Benzo(b)fluoranthene
Concen: 18.324 ng
RT: 22.53 min Scan# 3340
Delta R.T. 0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Instrument :
BNA_M
ClientSampleId :
239-355MSD

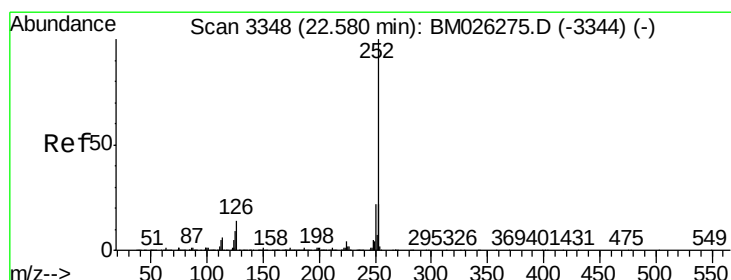
Tot Ion:252	Resp:	979171
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.6 26.4
125	10.6	7.9 11.9

Manual Integrations
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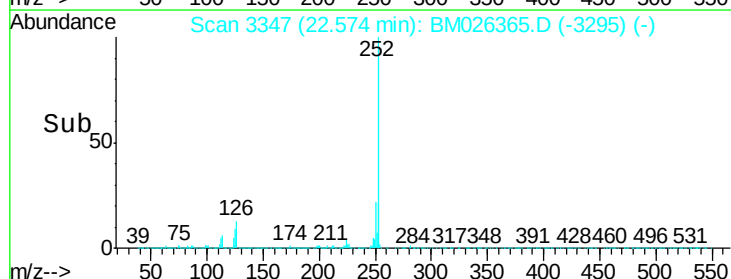
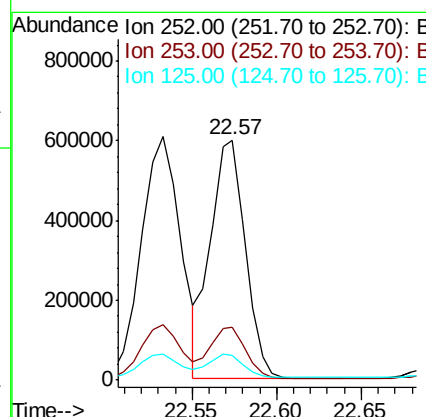
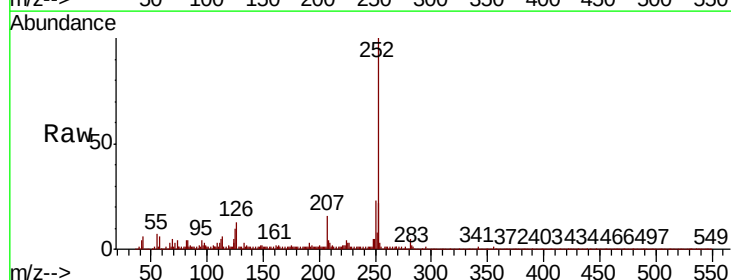
mohammad

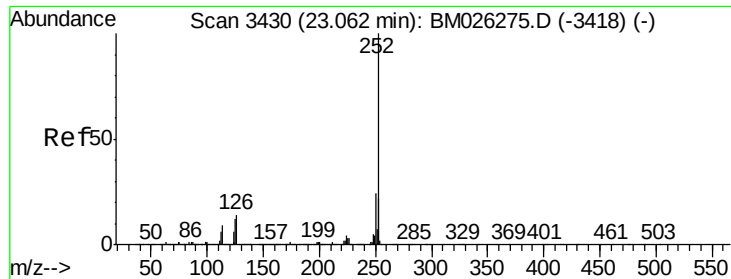
6/15/2020 8:43:37 AM



#89
Benzo(k)fluoranthene
Concen: 16.683 ng
RT: 22.57 min Scan# 3347
Delta R.T. 0.01 min
Lab File: BM026365.D
Acq: 11 Jun 2020 20:38

Tgt Ion:252	Resp:	866120
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.3 25.9
125	10.2	7.8 11.6





#90

Benzo(a)pyrene

Concen: 18.441 ng

RT: 23.06 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Instrument :

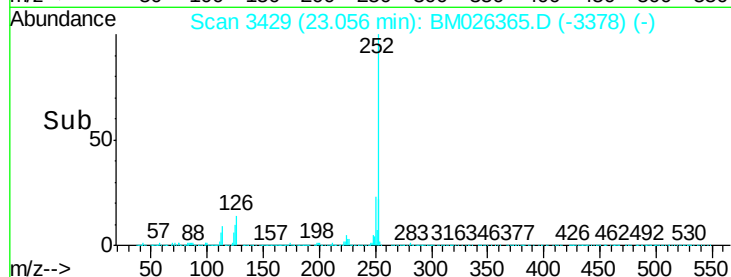
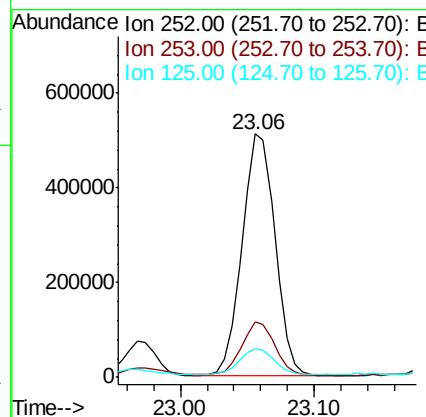
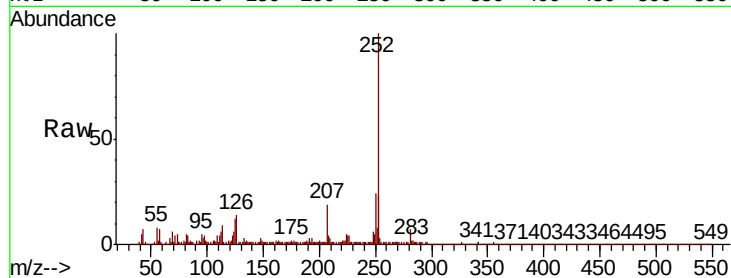
BNA_M

ClientSampleId :

239-355MSD

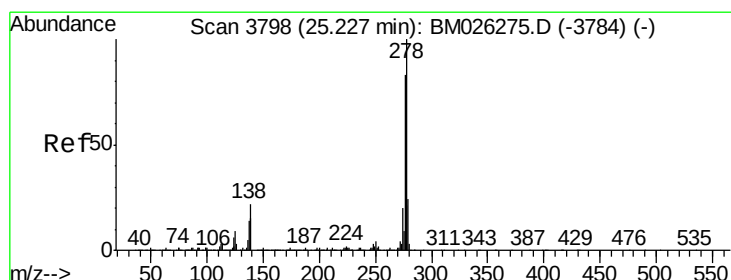
Tot Ion:	252	Resp:	875209
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	11.6	9.4	14.0

Manual Integrations
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mohammad

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#91

Dibenzo(a,h)anthracene

Concen: 17.997 ng

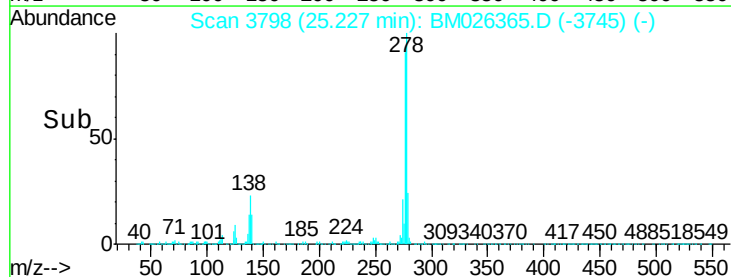
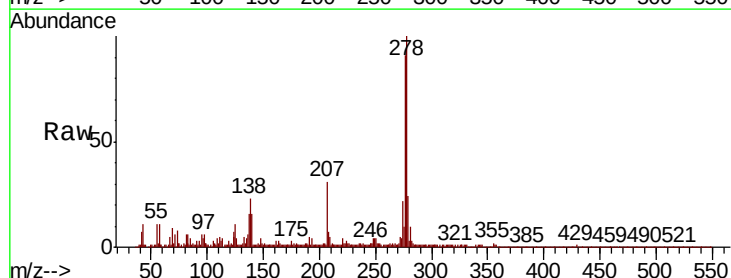
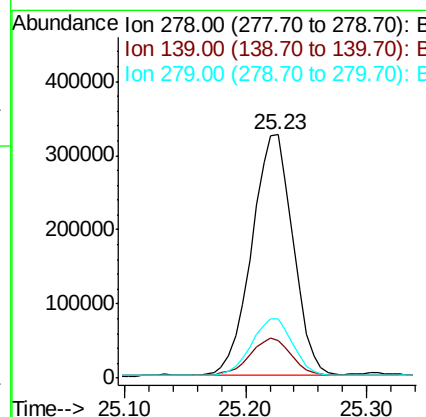
RT: 25.23 min Scan# 3798

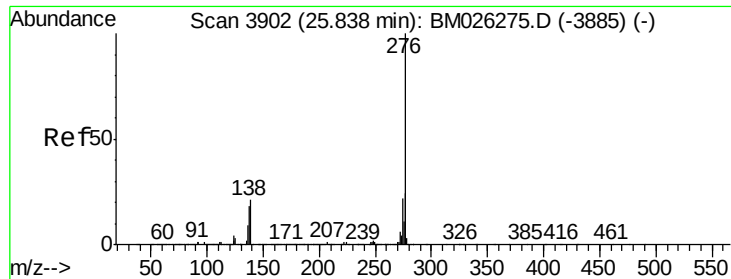
Delta R.T. 0.01 min

Lab File: BM026365.D

Acq: 11 Jun 2020 20:38

Tgt Ion:	278	Resp:	772058
Ion Ratio	Lower	Upper	
278	100		
139	15.5	11.9	17.9
279	24.5	19.0	28.4



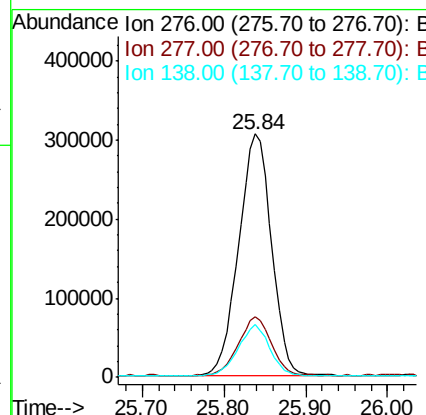
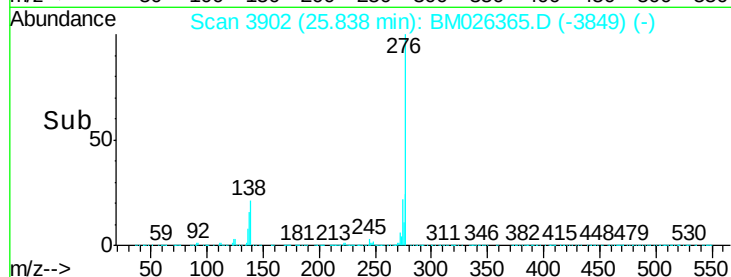
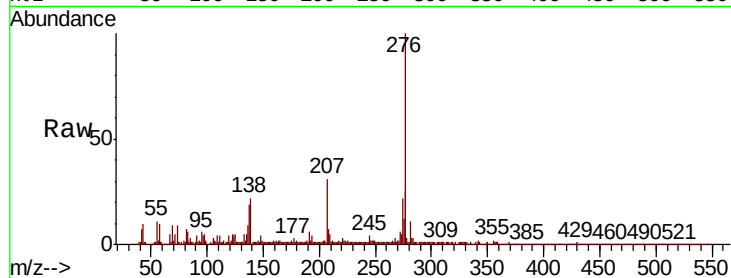


#92
 Benzo(a,h,i)perylene
 Concen: 20.834 ng
 RT: 25.84 min Scan# 3902
 Delta R.T. 0.01 min
 Lab File: BM026365.D
 Acq: 11 Jun 2020 20:38

Instrument :
 BNA_M
 ClientSampleId :
 239-355MSD

Tot Ion:	276	Resp:	850490
Ion Ratio		Lower	Upper
276	100		
277	24.7	19.3	28.9
138	21.7	16.5	24.7

Manual Integrations
 APPROVED



mohammad

6/15/2020 8:43:37 AM