

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
 Data File : BM020628.D
 Acq On : 31 May 2019 13:00
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
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mohammad
 6/3/2019 8:48:35 AM

Quant Time: May 31 14:28:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 13:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	223080	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1043615	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	634166	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1416106	20.00	ng	0.00
76) Chrysene-d12	21.40	240	1251607	20.00	ng	0.00
87) Perylene-d12	23.69	264	1114816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1246107	99.37	ng	0.00
7) Phenol-d6	7.00	99	1864884	104.23	ng	0.00
23) Nitrobenzene-d5	9.00	82	2037914	105.34	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	807317	100.89	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	4704345	96.68	ng	0.00
79) Terphenyl-d14	19.84	244	7578359	105.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	253433	49.079	ng	100
3) Pyridine	3.75	79	808222	51.493	ng	99
4) n-Nitrosodimethylamine	3.66	42	350363	52.578	ng	100
6) Aniline	7.17	93	1348975	52.145	ng	99
8) 2-Chlorophenol	7.40	128	786816	51.190	ng	99
9) Benzaldehyde	6.98	77	499889	47.929	ng	98
10) Phenol	7.02	94	999125	51.810	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	797891	52.058	ng	98
12) 1,3-Dichlorobenzene	7.72	146	891281	49.263	ng	99
13) 1,4-Dichlorobenzene	7.87	146	905290	49.407	ng	99
14) 1,2-Dichlorobenzene	8.19	146	884393	49.811	ng	99
15) Benzyl Alcohol	8.07	79	828542	52.976	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.37	45	1227356	53.945	ng	100
17) 2-Methylphenol	8.27	107	708323	52.834	ng	100
18) Hexachloroethane	8.91	117	348554	50.310	ng	99
19) n-Nitroso-di-n-propylamine	8.65	70	753513	54.486	ng	99
20) 3+4-Methylphenols	8.60	107	972268	53.242	ng	97
22) Acetophenone	8.66	105	1325265	50.441	ng	# 98
24) Nitrobenzene	9.04	77	1038459	52.332	ng	99
25) Isophorone	9.56	82	2015701	51.272	ng	99
26) 2-Nitrophenol	9.75	139	394989	53.890	ng	99
27) 2,4-Dimethylphenol	9.80	122	725563	50.461	ng	99
28) bis(2-Chloroethoxy)methane	10.05	93	1209236	51.164	ng	99
29) 2,4-Dichlorophenol	10.27	162	803352	49.980	ng	100
30) 1,2,4-Trichlorobenzene	10.49	180	908084	47.876	ng	100
31) Naphthalene	10.68	128	2687710	50.067	ng	99
32) Benzoic acid	9.95	122	453466m	65.991	ng	
33) 4-Chloroaniline	10.79	127	1264258	51.489	ng	99
34) Hexachlorobutadiene	10.96	225	542247	46.393	ng	100
35) Caprolactam	11.59	113	287057m	53.374	ng	
36) 4-Chloro-3-methylphenol	11.91	107	943127	53.131	ng	99
37) 2-Methylnaphthalene	12.29	142	1992293	50.629	ng	99
38) 1-Methylnaphthalene	12.51	142	1903843	51.010	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	1015982	46.243	ng	100

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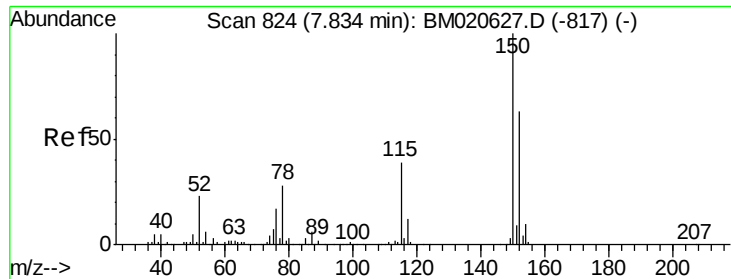
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	610083	46.994	nq	99
43) 2,4,6-Trichlorophenol	12.90	196	670835	49.845	nq	98
44) 2,4,5-Trichlorophenol	12.96	196	691709	50.521	nq	98
46) 1,1'-Biphenyl	13.31	154	2609252	48.609	nq	99
47) 2-Chloronaphthalene	13.34	162	2088305	48.330	nq	99
48) 2-Nitroaniline	13.56	65	699392	60.930	nq	95
49) Acenaphthylene	14.20	152	3300380	49.234	nq	100
50) Dimethylphthalate	13.94	163	2727950	50.469	nq	100
51) 2,6-Dinitrotoluene	14.06	165	563913	54.299	nq	94
52) Acenaphthene	14.54	154	1972994	49.384	nq	99
53) 3-Nitroaniline	14.39	138	638833	56.154	nq	97
54) 2,4-Dinitrophenol	14.59	184	218659	67.896	nq	96
55) Dibenzofuran	14.87	168	3069028	49.546	nq	99
56) 4-Nitrophenol	14.68	139	482343	57.097	nq	98
57) 2,4-Dinitrotoluene	14.84	165	773065	56.630	nq	99
58) Fluorene	15.52	166	2543589	50.117	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	613552	51.193	nq	100
60) Diethylphthalate	15.30	149	2841007	51.373	nq	99
61) 4-Chlorophenyl-phenylether	15.52	204	1345088	49.444	nq	95
62) 4-Nitroaniline	15.55	138	687639	57.018	nq	98
63) Azobenzene	15.81	77	2690045	51.938	nq	100
65) 4,6-Dinitro-2-methylphenol	15.60	198	307556	63.255	nq	98
66) n-Nitrosodiphenylamine	15.73	169	2239267	49.285	nq	99
67) 4-Bromophenyl-phenylether	16.42	248	821373	47.295	nq	96
68) Hexachlorobenzene	16.52	284	964541	48.491	nq	98
69) Atrazine	16.69	200	709745	49.478	nq	99
70) Pentachlorophenol	16.86	266	483275	52.754	nq	99
71) Phenanthrene	17.26	178	4016254	50.331	nq	100
72) Anthracene	17.35	178	4033619	50.384	nq	100
73) Carbazole	17.62	167	3715270	51.099	nq	100
74) Di-n-butylphthalate	18.19	149	4870500	51.494	nq	100
75) Fluoranthene	19.27	202	4611695	50.931	nq	100
77) Benzidine	19.46	184	1850989	45.025	nq	99
78) Pyrene	19.63	202	4705141	51.008	nq	99
80) Butylbenzylphthalate	20.54	149	2078372	53.845	nq	99
81) Benzo(a)anthracene	21.38	228	4324932	49.834	nq	100
82) 3,3'-Dichlorobenzidine	21.32	252	1621100	49.261	nq	99
83) Chrysene	21.43	228	4090158	49.522	nq	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	3007308	53.078	nq	100
85) Di-n-octyl phthalate	22.22	149	4788570	50.479	nq	100
86) Indeno(1,2,3-cd)pyrene	26.02	276	3726843	38.655	nq	99
88) Benzo(b)fluoranthene	23.00	252	3760968	51.941	nq	100
89) Benzo(k)fluoranthene	23.05	252	3714374	53.568	nq	99
90) Benzo(a)pyrene	23.59	252	3377122	50.747	nq	99
91) Dibenzo(a,h)anthracene	26.04	278	3105486	46.188	nq	100
92) Benzo(g,h,i)perylene	26.73	276	2850136	45.011	nq	100

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



#1

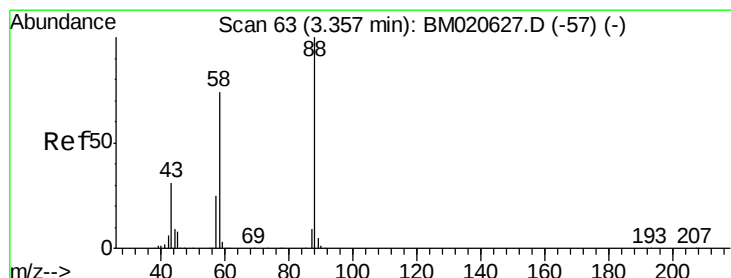
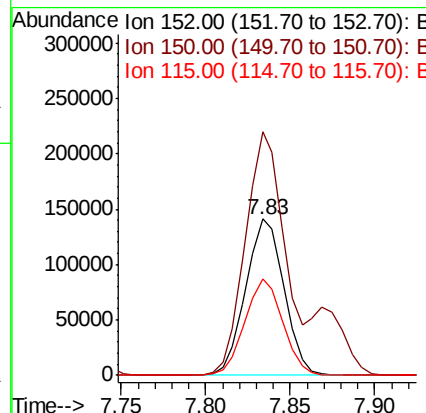
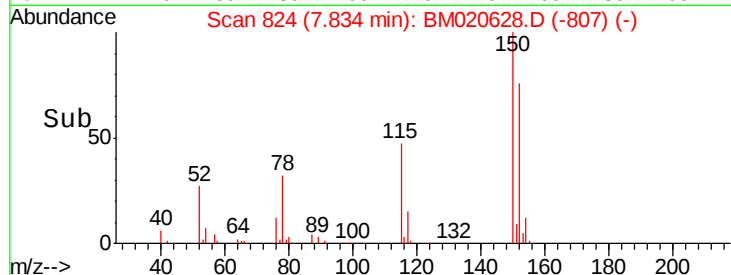
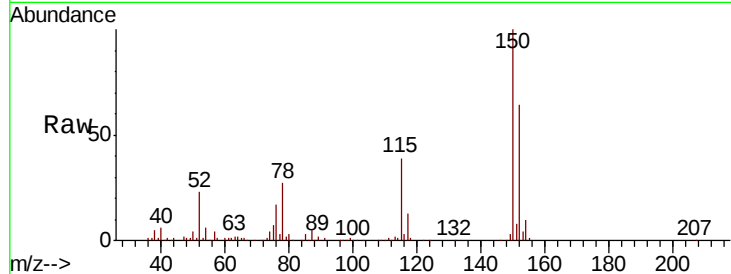
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.0	189.0
115	61.3	49.6	74.4

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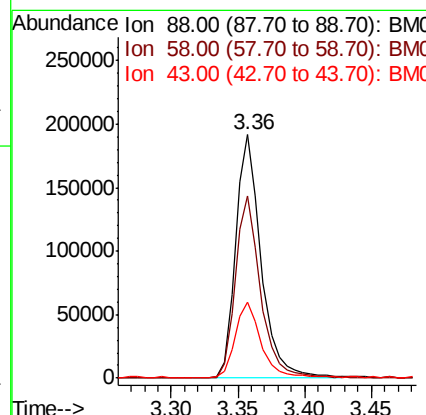
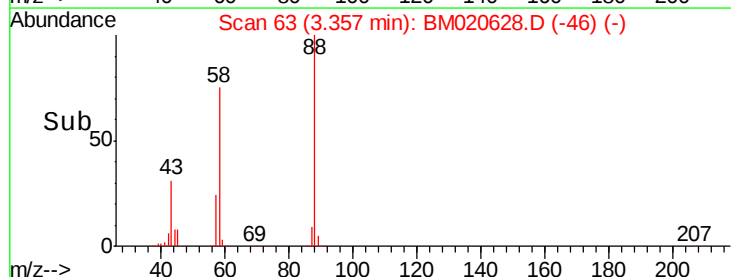
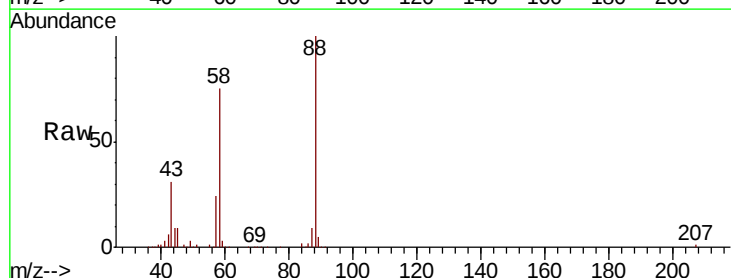
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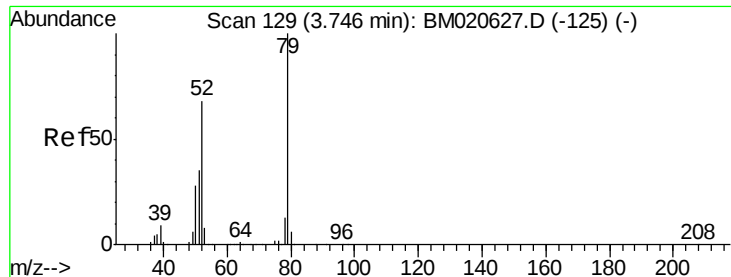


#2

1,4-Dioxane
Concen: 49.079 ng
RT: 3.36 min Scan# 63
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	60.2	90.4
43	31.2	25.3	37.9





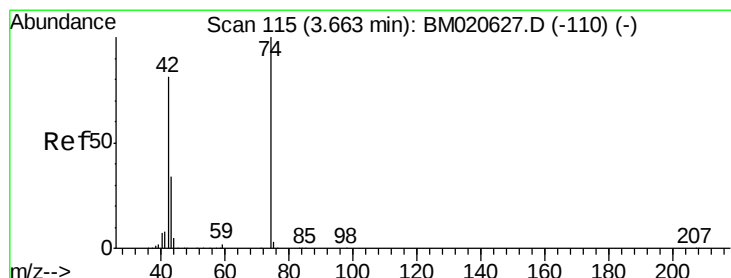
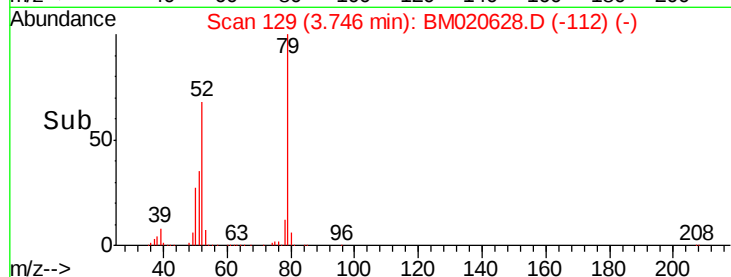
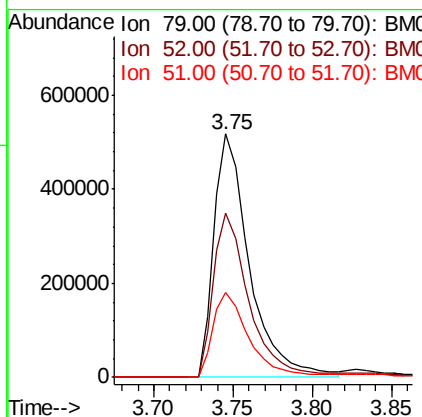
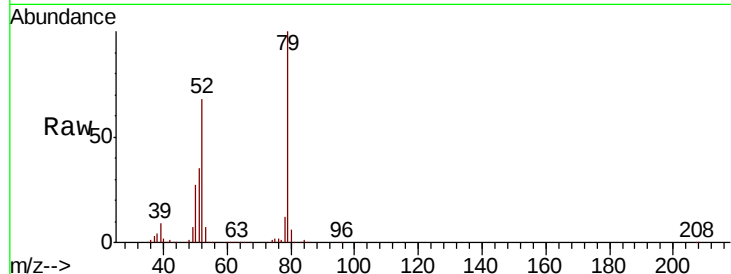
#3
 Pvrindine
 Concen: 51.493 ng
 RT: 3.75 min Scan# 129
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.7	54.1	81.1
51	34.9	28.6	42.8

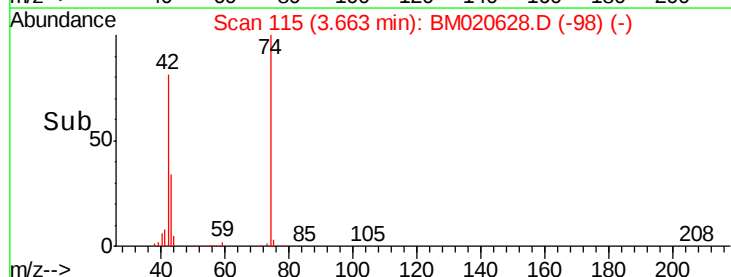
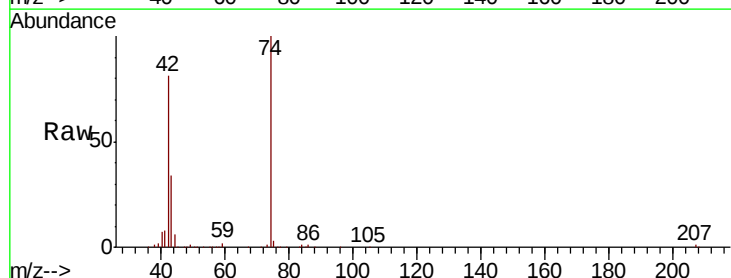
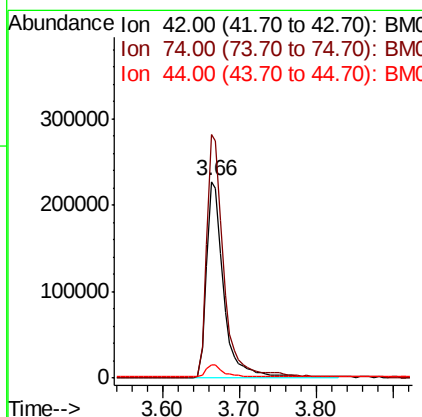
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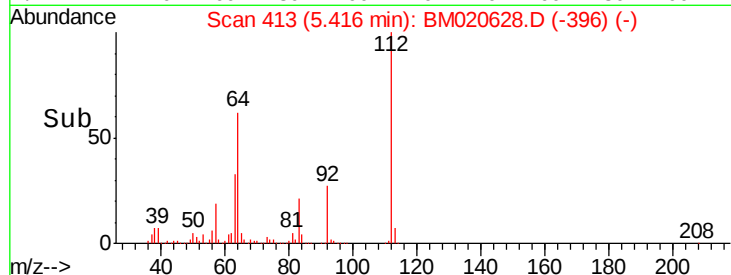
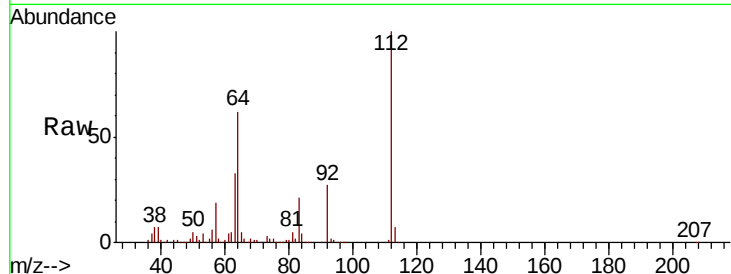
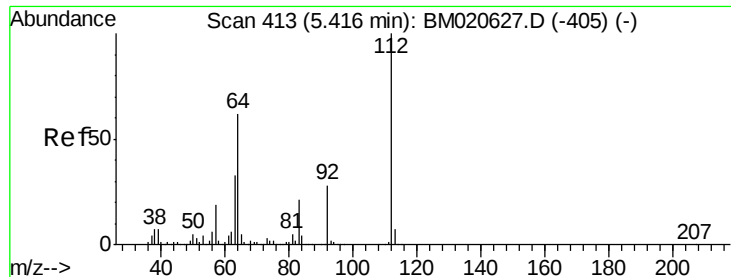
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#4
 n-Nitrosodimethylamine
 Concen: 52.578 ng
 RT: 3.66 min Scan# 115
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.7	99.4	149.0
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 99.371 ng

RT: 5.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tot Ion:	112	Resp:	1246107
Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.7	74.5
63	32.9	26.4	39.6

Instrument :

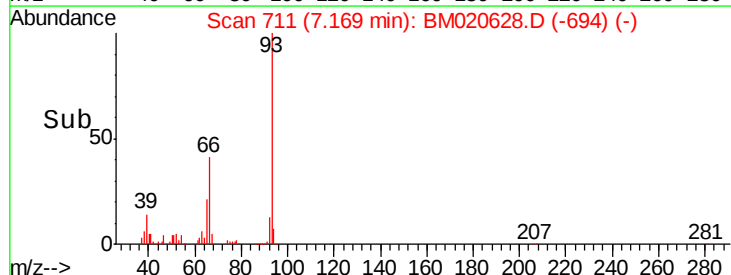
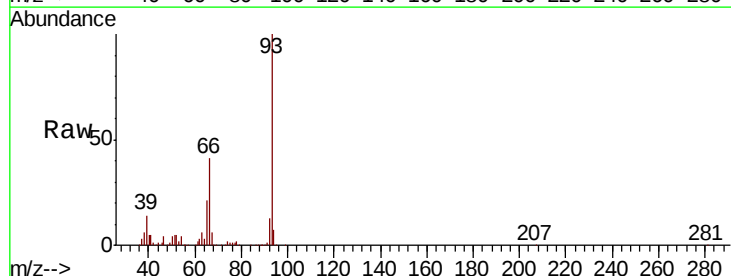
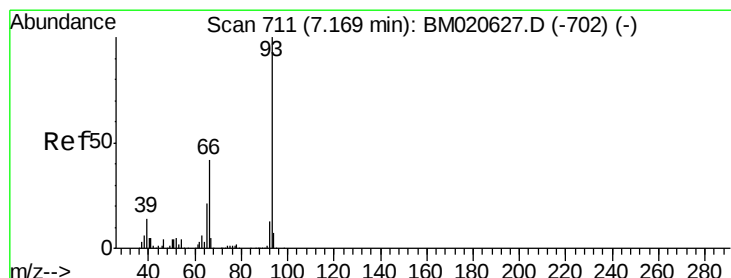
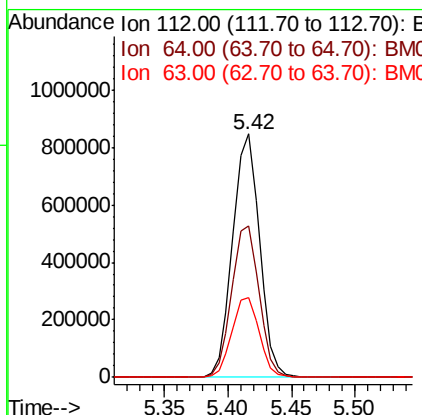
BNA_M

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SSTDICC050

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#6

Aniline

Concen: 52.145 ng

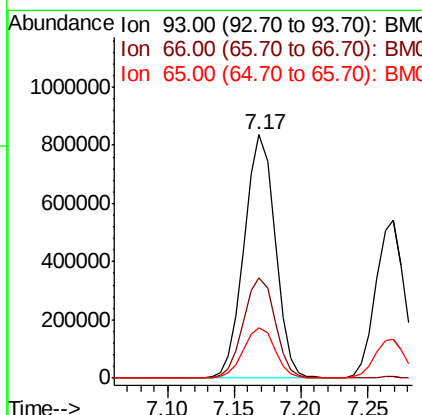
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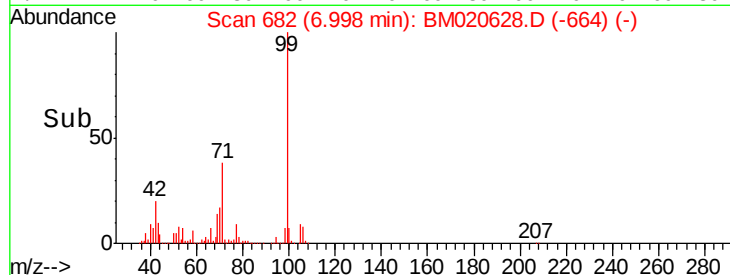
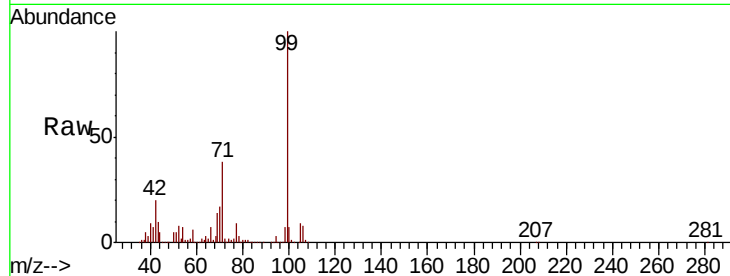
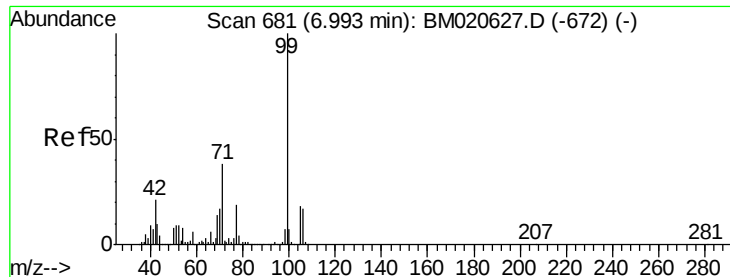
Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tgt Ion:	93	Resp:	1348975
Ion	Ratio	Lower	Upper
93	100		
66	41.3	33.6	50.4
65	20.6	16.7	25.1





#7

Phenol-d6

Concen: 104.228 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tot Ion:	99	Resp:	1864884
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.5	24.7
71	38.0	30.7	46.1

Instrument :

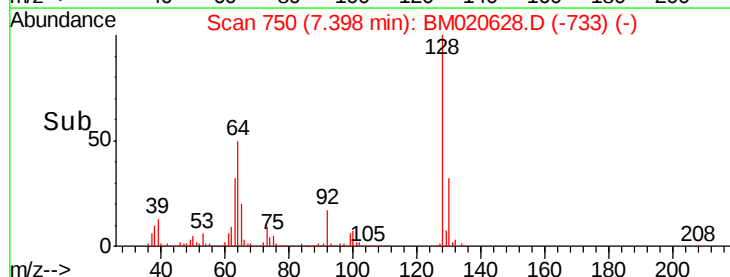
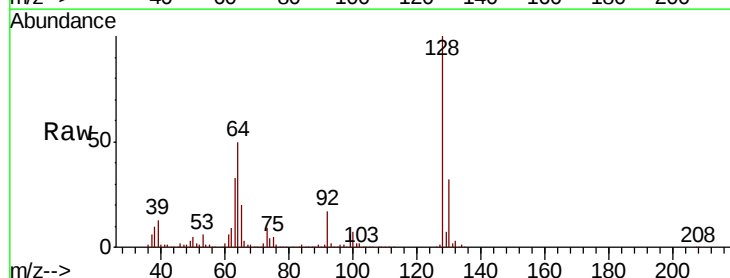
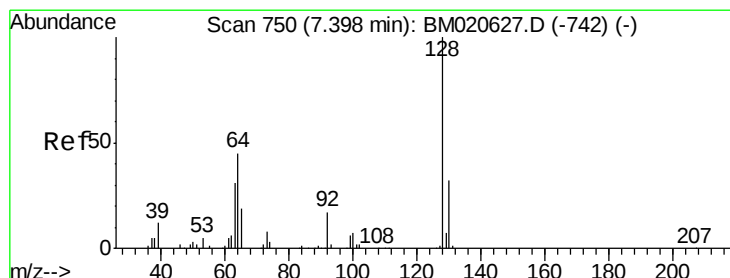
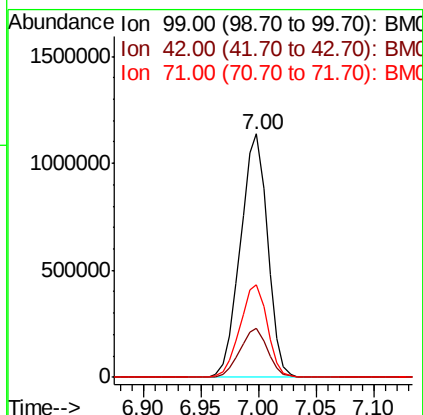
BNA_M

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#8

2-Chlorophenol

Concen: 51.190 ng

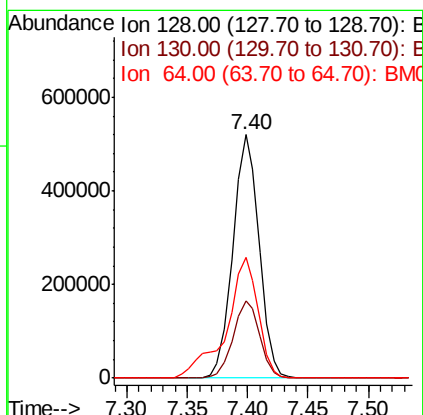
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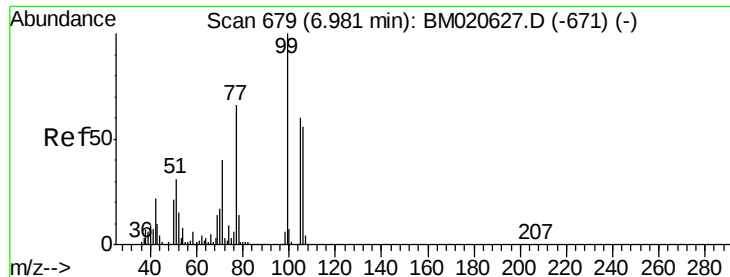
Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tgt Ion:	128	Resp:	786816
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.2	52.2
64	49.6	29.1	69.1





#9

Benzaldehyde

Concen: 47.929 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

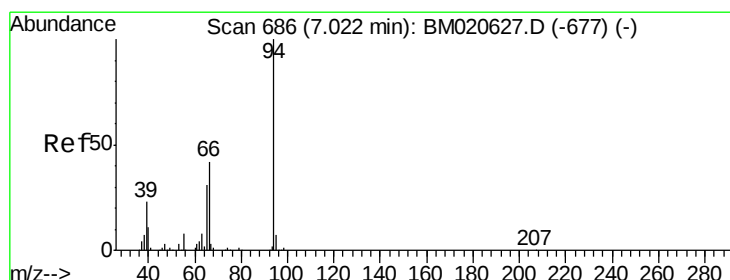
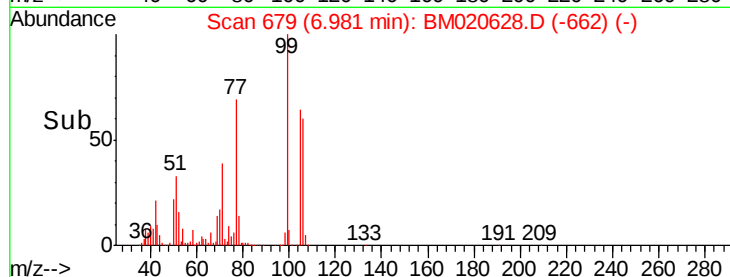
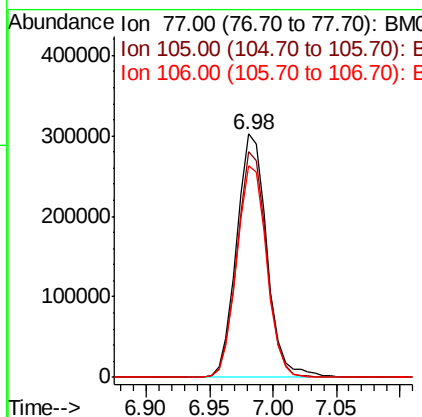
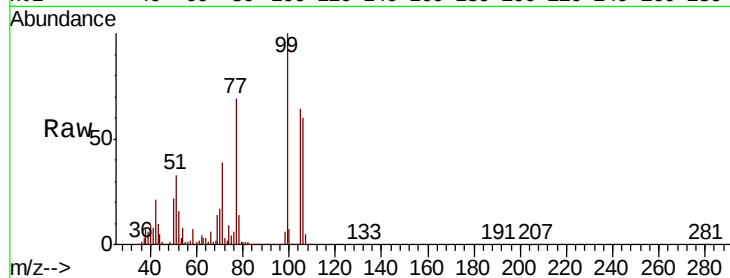
ClientSampleId :

SSTDICC050

Tot Ion:	77	Resp:	499889
Ion	Ratio	Lower	Upper
77	100		
105	92.7	70.6	110.6
106	87.0	64.9	104.9

Manual Integrations
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#10

Phenol

Concen: 51.810 ng

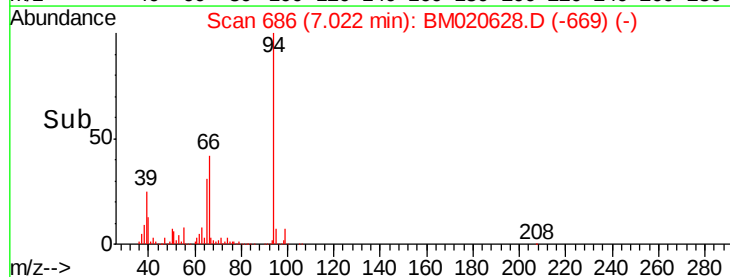
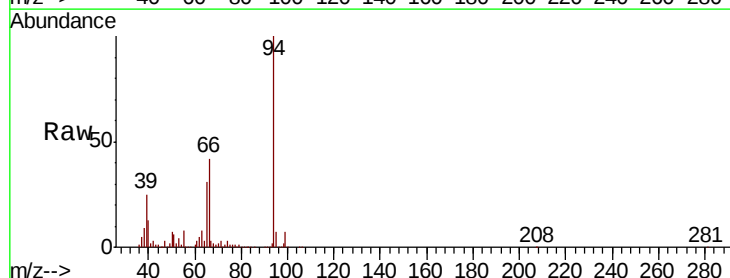
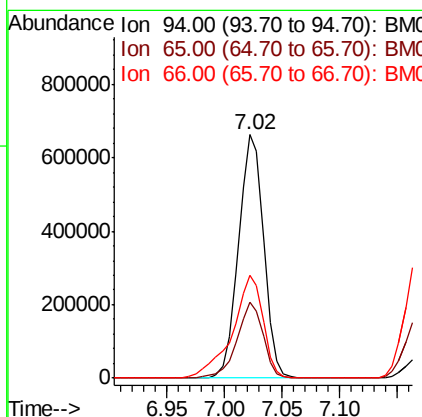
RT: 7.02 min Scan# 686

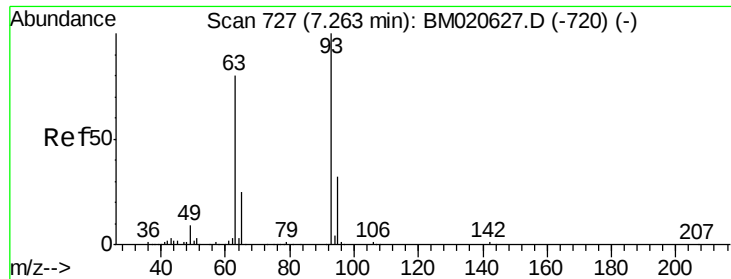
Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tgt Ion:	94	Resp:	999125
Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.7	50.7
66	42.4	22.3	62.3





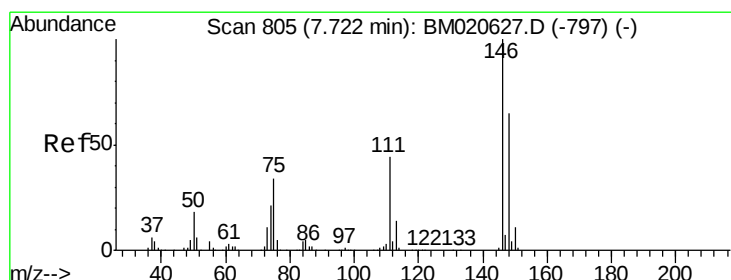
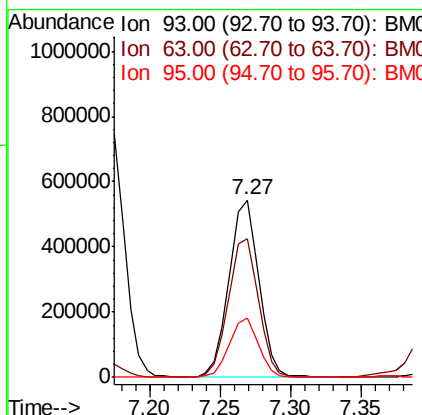
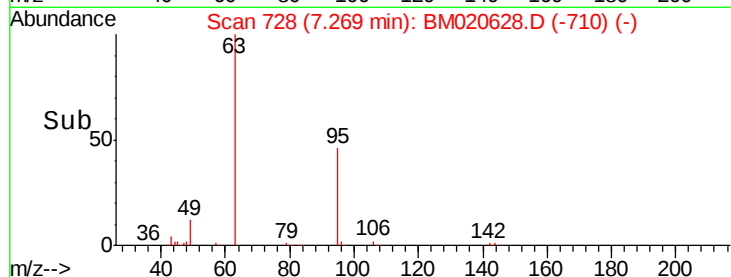
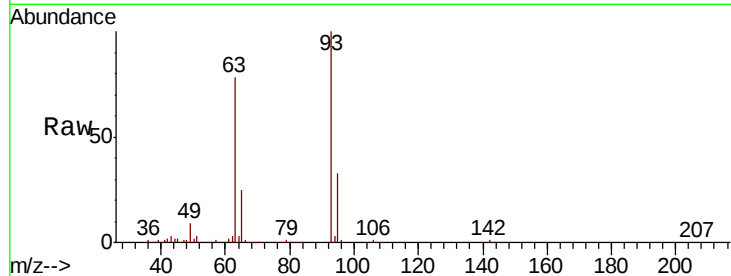
#11
bis(2-Chloroethyl)ether
Concen: 52.058 ng
RT: 7.27 min Scan# 728
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:	93	Resp:	797891
Ion	Ratio	Lower	Upper
93	100		
63	78.2	60.0	100.0
95	33.1	12.2	52.2

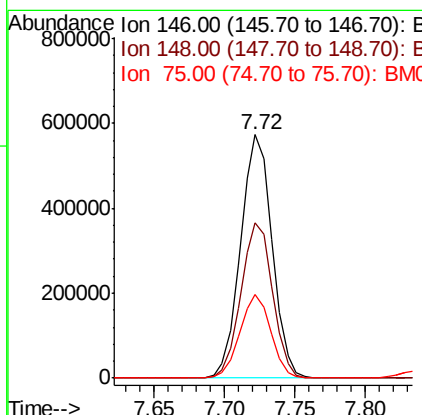
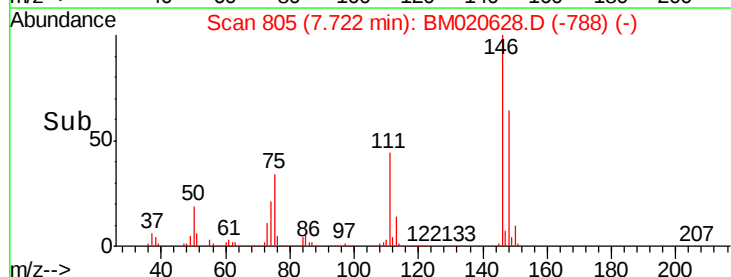
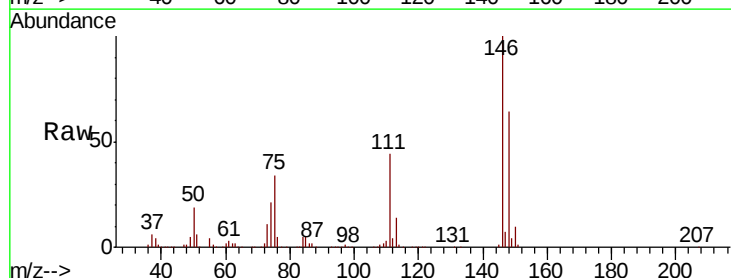
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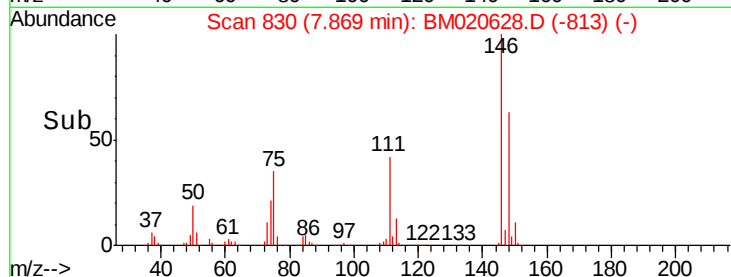
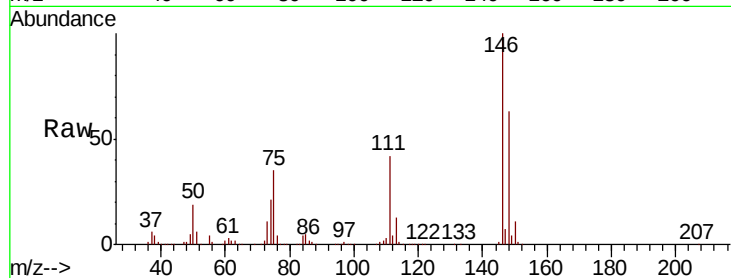
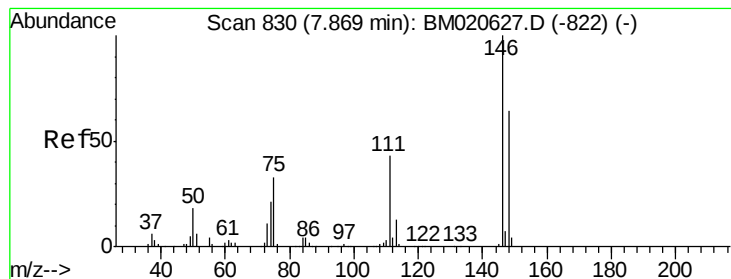
mohammad
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#12
1,3-Dichlorobenzene
Concen: 49.263 ng
RT: 7.72 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion:	146	Resp:	891281
Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
75	34.4	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 49.407 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tot Ion:	146	Resp:	905290
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.4
111	42.1	34.4	51.6

Instrument :

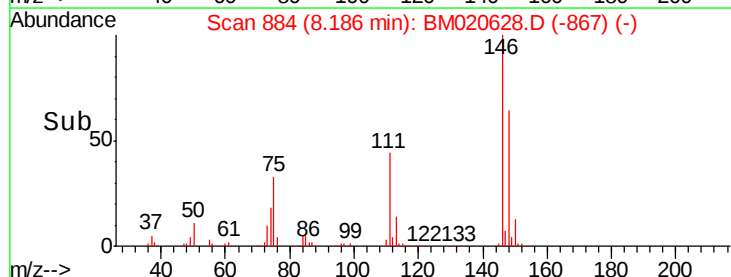
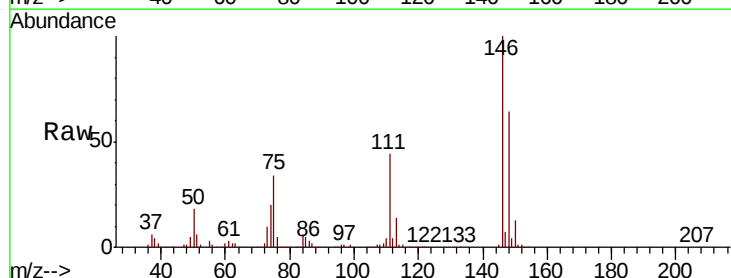
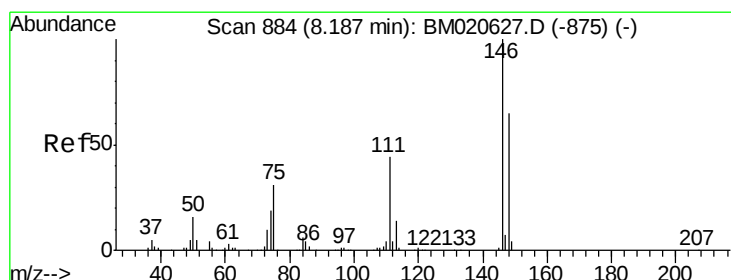
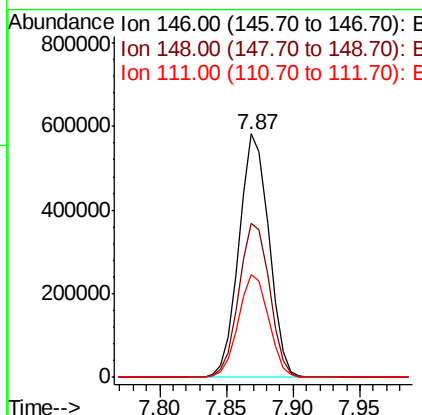
BNA_M

ClientSampleId :

SSTDIC050

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#14

1,2-Dichlorobenzene

Concen: 49.811 ng

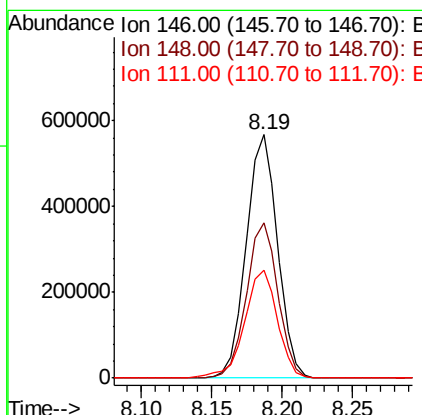
RT: 8.19 min Scan# 884

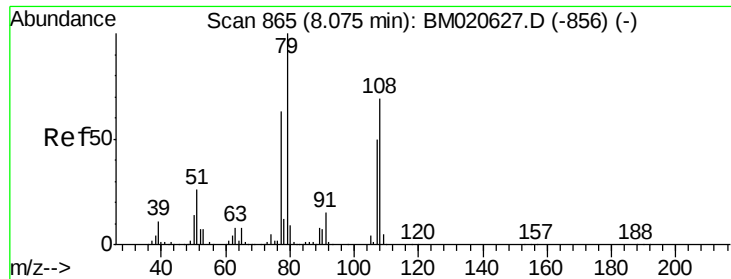
Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tgt Ion:	146	Resp:	884393
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
111	44.4	35.1	52.7





#15

Benzyl Alcohol

Concen: 52.976 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

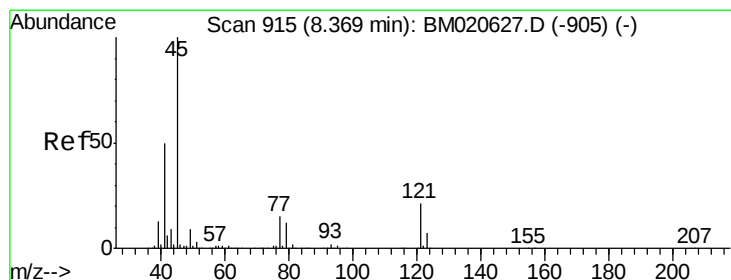
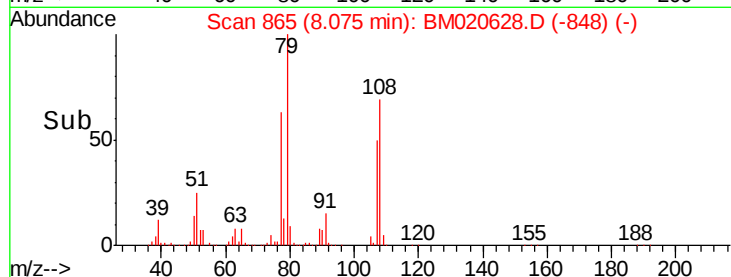
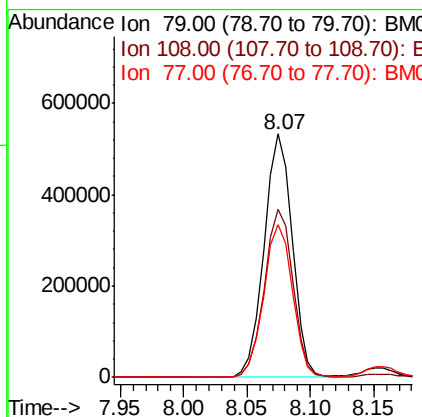
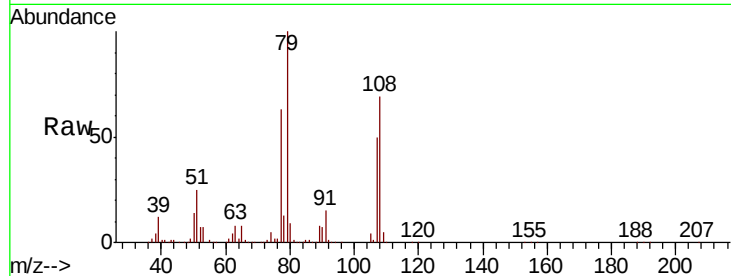
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	828542
Ion Ratio	Lower	Upper	
79	100		
108	69.3	54.9	82.3
77	62.7	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 53.945 ng

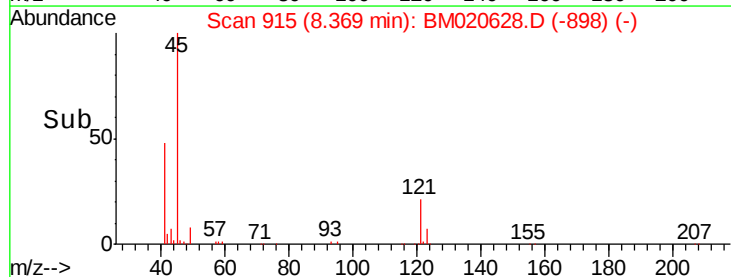
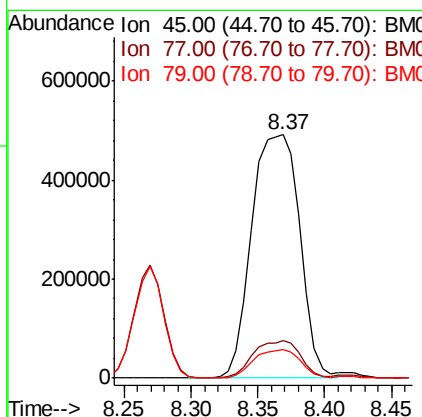
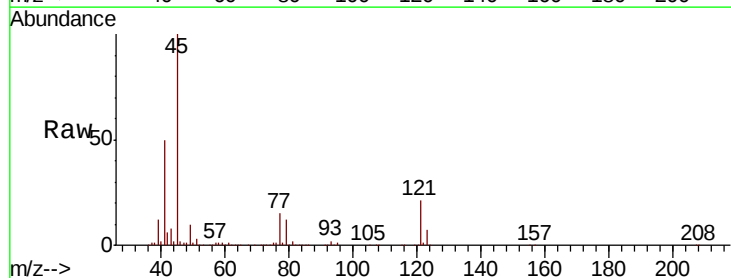
RT: 8.37 min Scan# 915

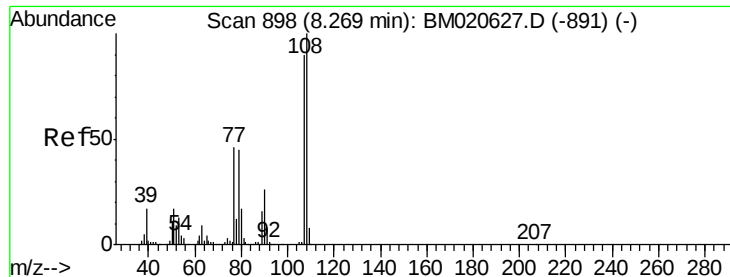
Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tgt Ion:	45	Resp:	1227356
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	34.9
79	11.7	0.0	31.8





#17

2-Methylphenol

Concen: 52.834 ng

RT: 8.27 min Scan# 898

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

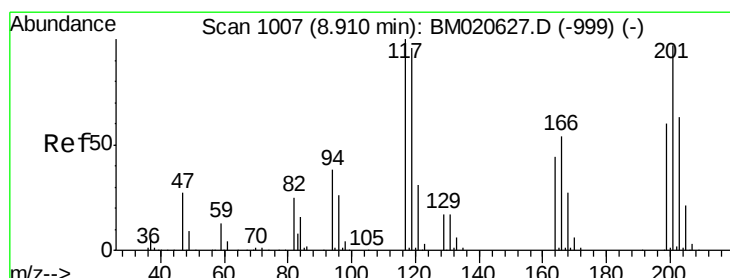
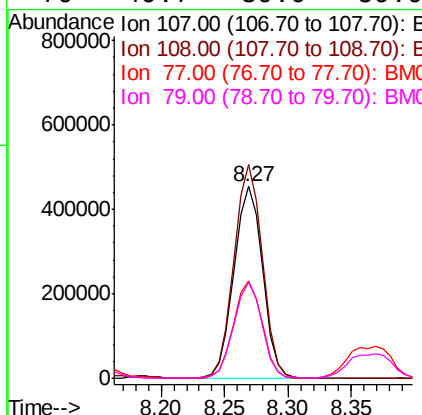
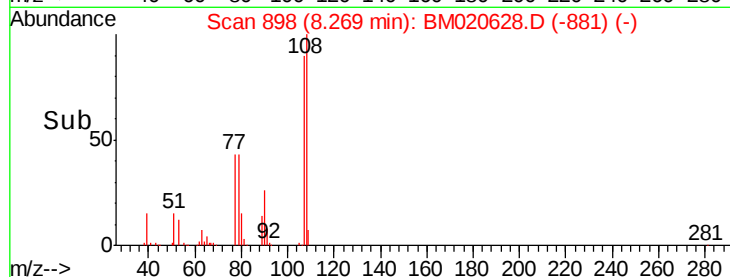
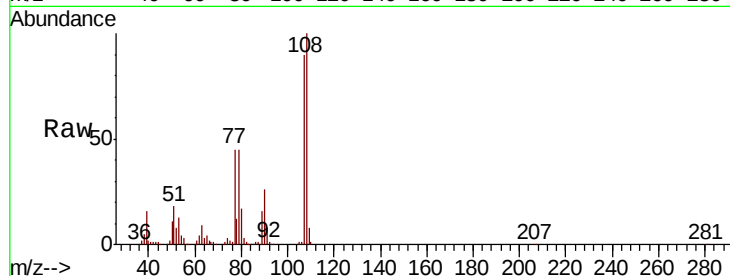
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	88.6	133.0	
77	50.4	40.6	61.0	
79	49.7	39.9	59.9	

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#18

Hexachloroethane

Concen: 50.310 ng

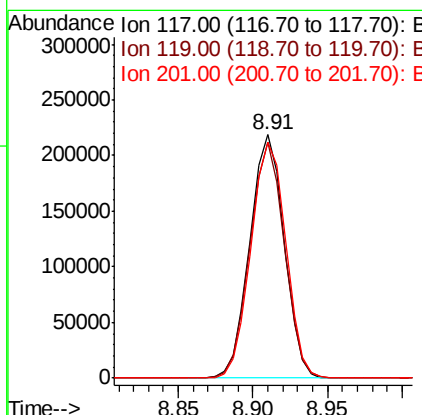
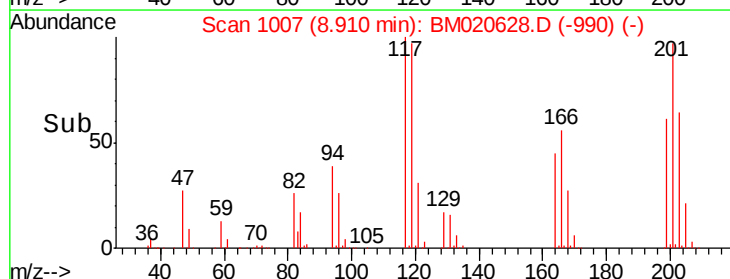
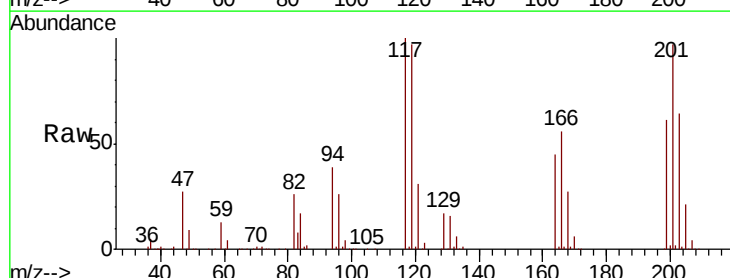
RT: 8.91 min Scan# 1007

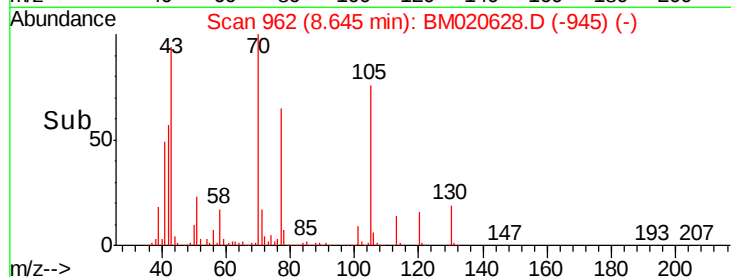
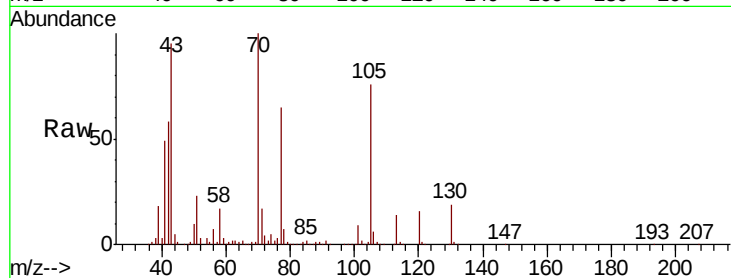
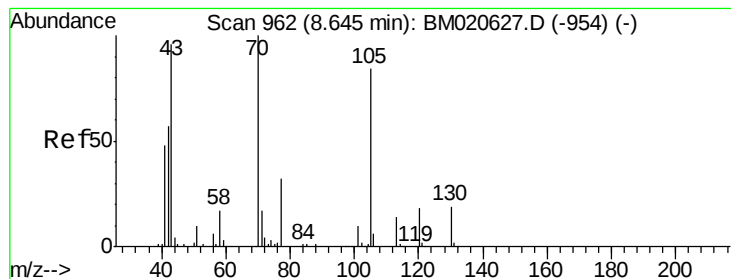
Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	76.7	115.1	
201	96.9	77.9	116.9	





#19

n-Nitroso-di-n-propylamine

Concen: 54.486 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	46.8	70.2	
101	9.3	7.8	11.6	
130	19.1	15.0	22.6	

Instrument :

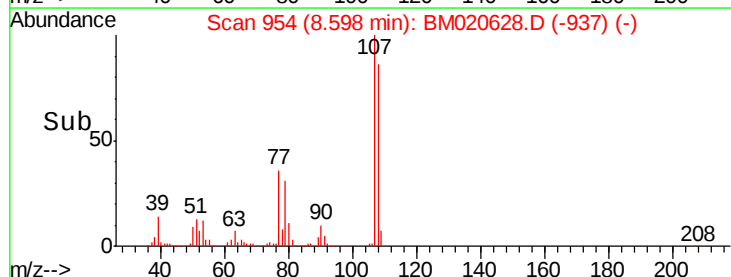
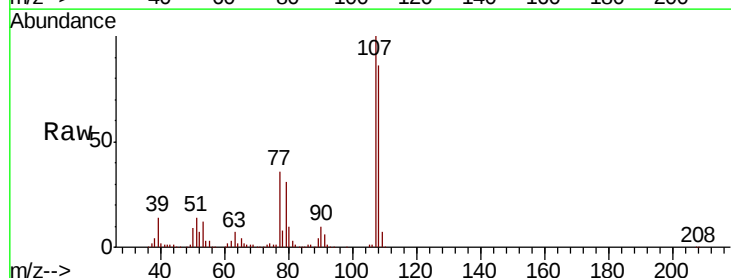
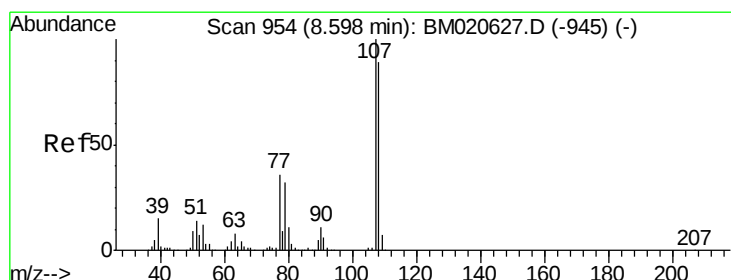
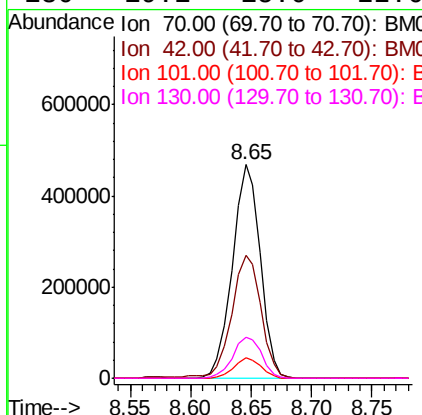
BNA_M

ClientSampleId :

SSTDIC050

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#20

3+4-Methylphenols

Concen: 53.242 ng

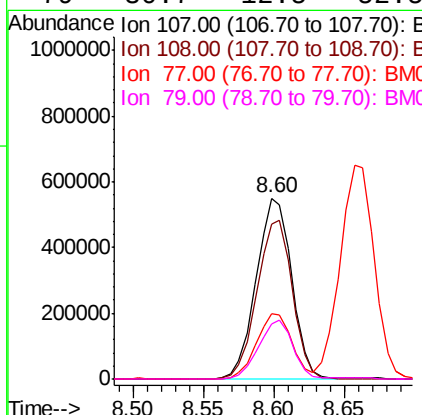
RT: 8.60 min Scan# 954

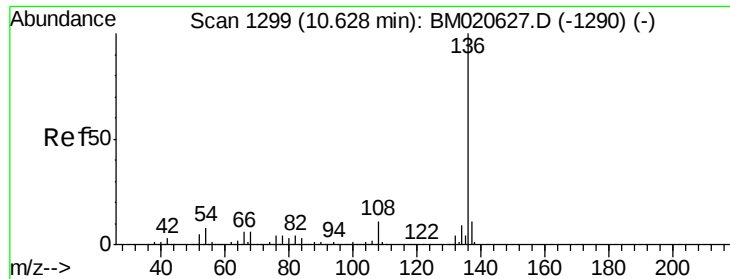
Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.8	69.2	109.2	
77	35.8	16.2	56.2	
79	30.7	12.5	52.5	





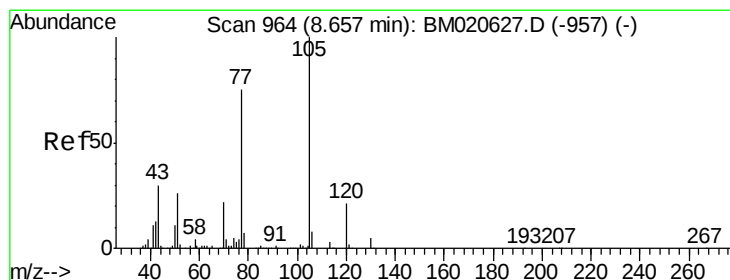
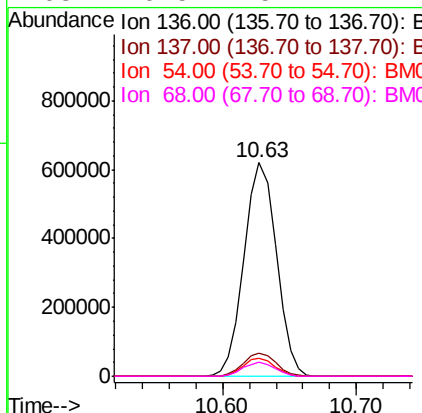
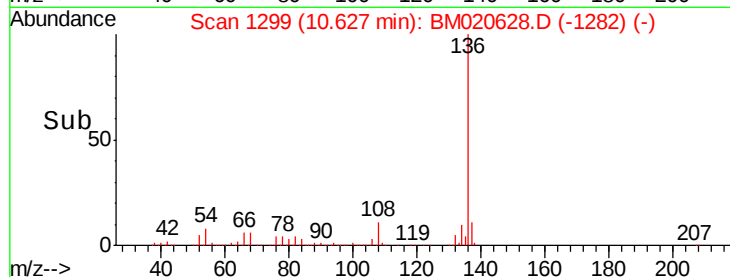
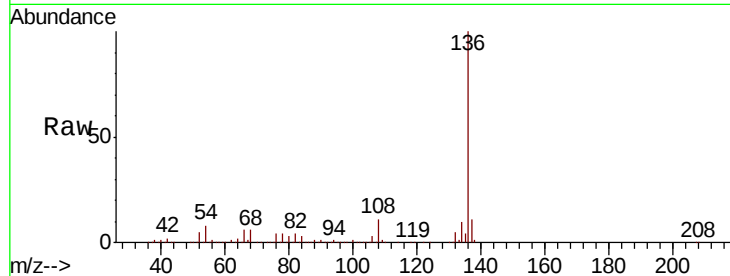
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.8	13.2		
54	8.3	6.6	10.0		
68	6.5	5.1	7.7		

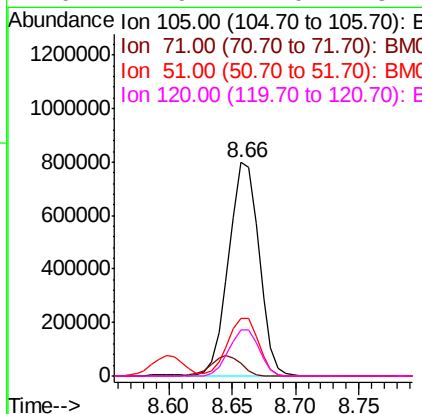
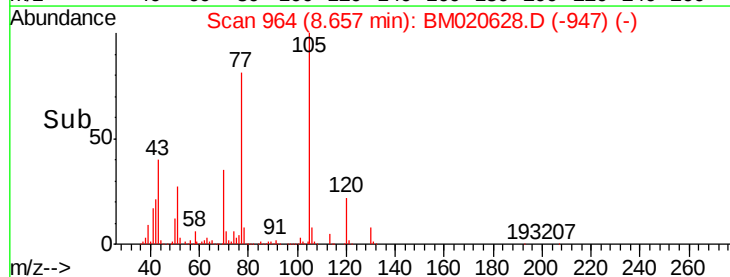
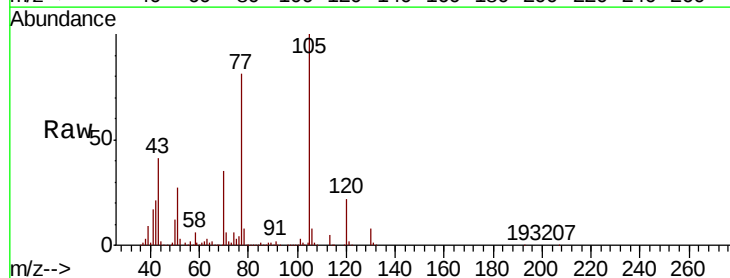
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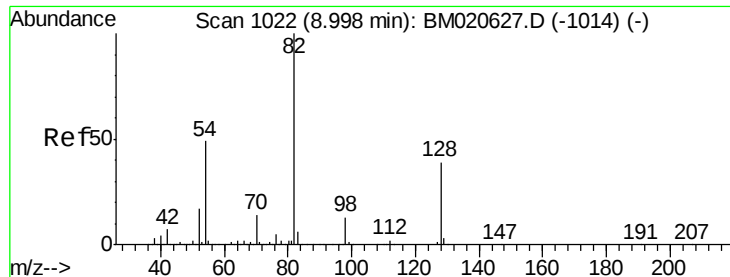
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#22
Acetophenone
Concen: 50.441 ng
RT: 8.66 min Scan# 964
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	5.7	3.2	4.8#	
51	27.3	22.8	34.2	
120	21.9	17.0	25.4	





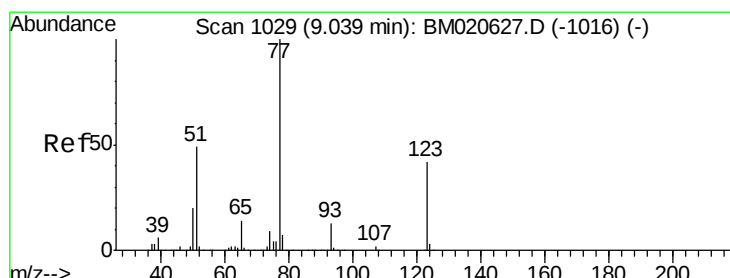
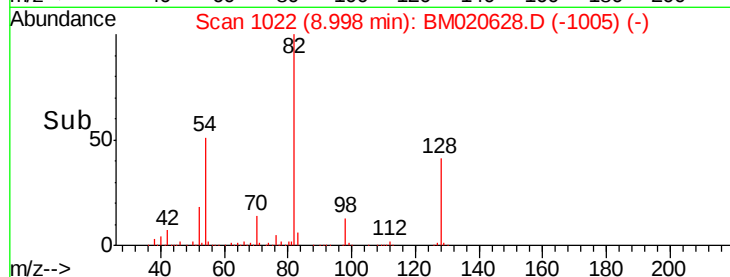
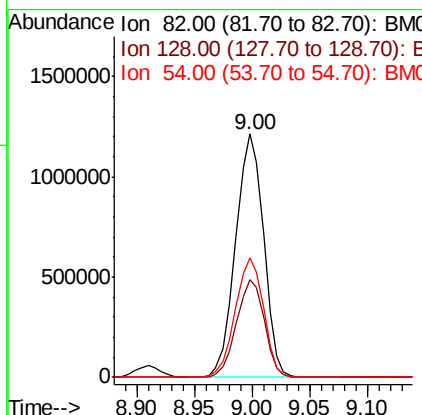
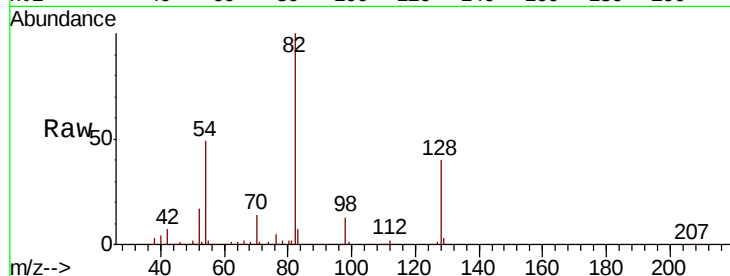
#23
Nitrobenzene-d5
Concen: 105.343 ng
RT: 9.00 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.5	47.3
54	49.3	39.4	59.0

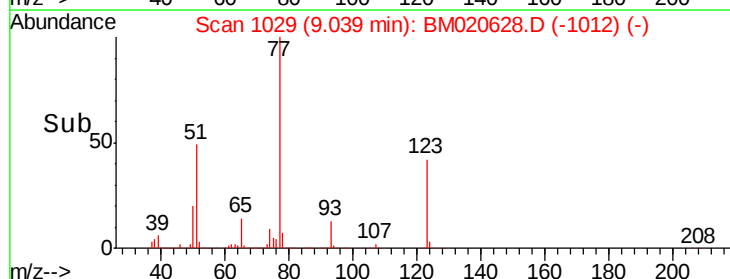
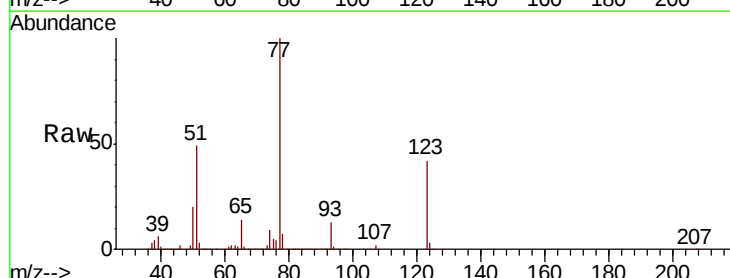
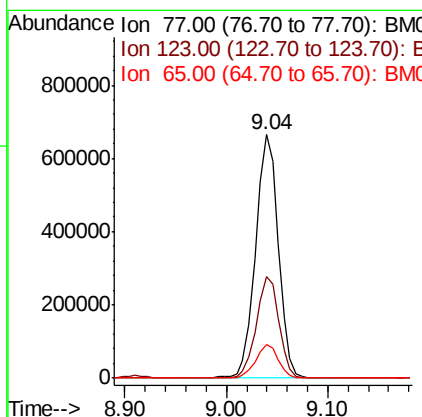
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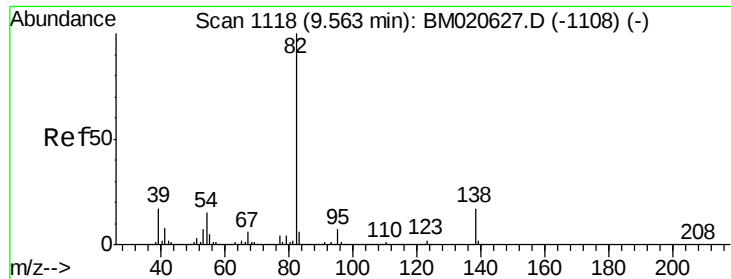
mohammad
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#24
Nitrobenzene
Concen: 52.332 ng
RT: 9.04 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	33.7	50.5
65	13.7	11.0	16.6





#25

Isophorone

Concen: 51.272 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 2015701

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

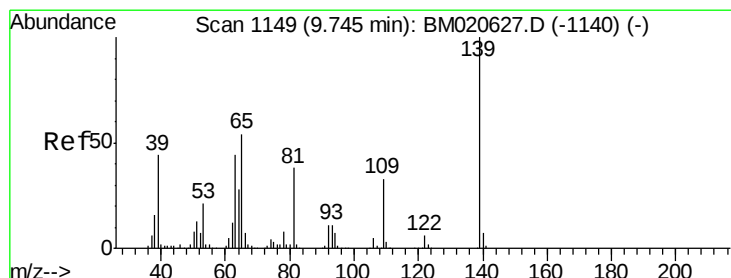
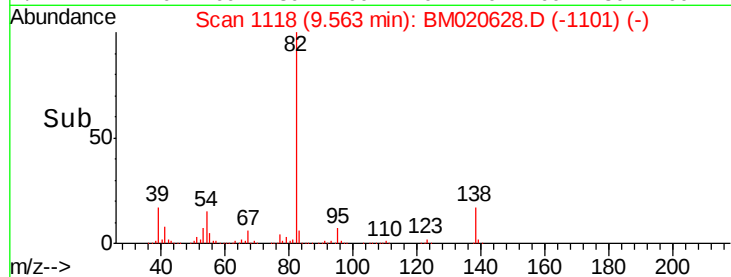
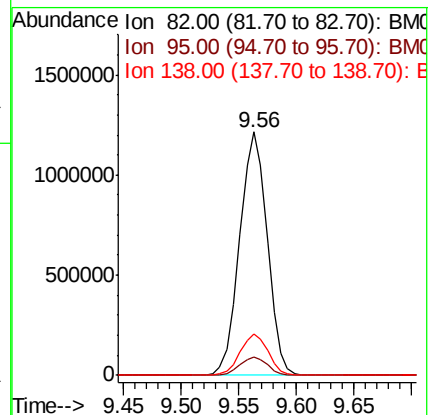
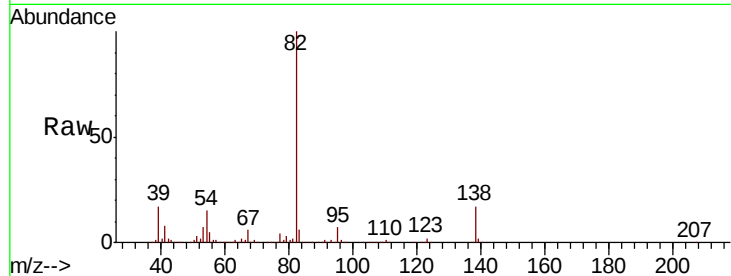
138 16.8 13.8 20.8

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#26

2-Nitrophenol

Concen: 53.890 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

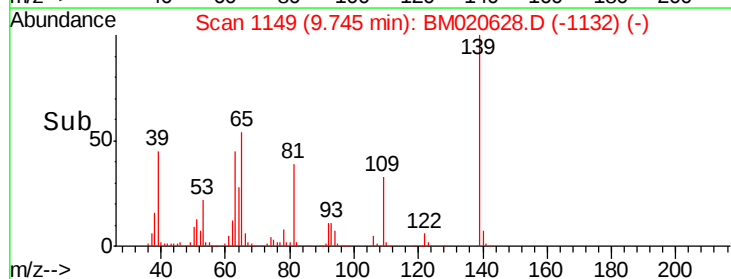
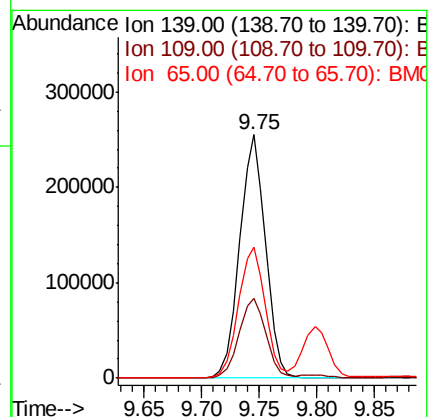
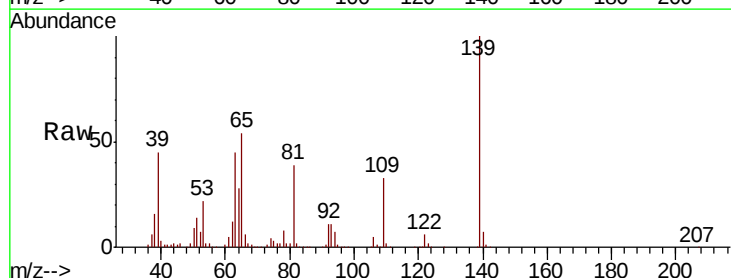
Tgt Ion: 139 Resp: 394989

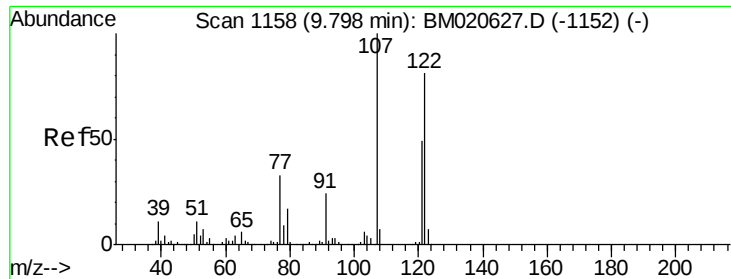
Ion Ratio Lower Upper

139 100

109 32.6 26.1 39.1

65 53.5 43.4 65.0





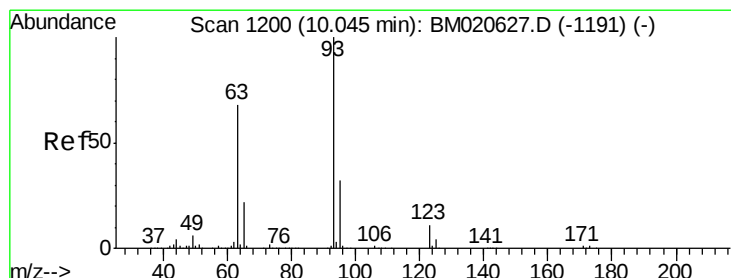
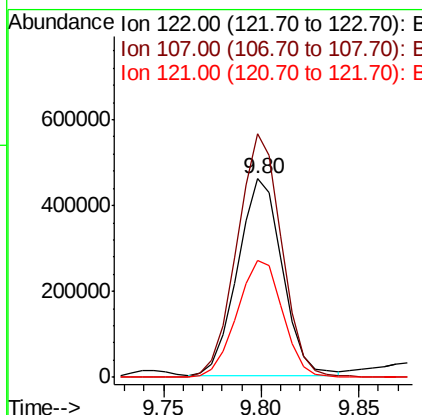
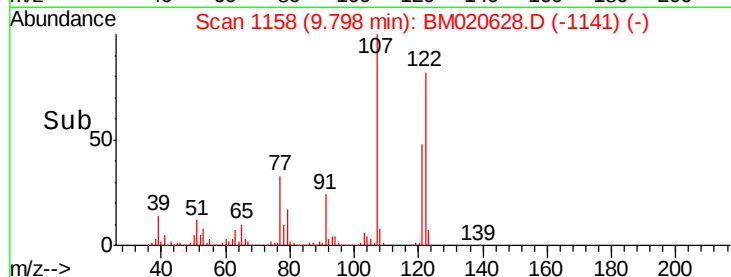
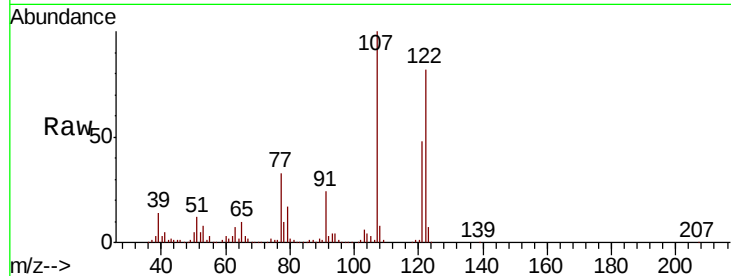
#27
2,4-Dimethylphenol
Concen: 50.461 ng
RT: 9.80 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	98.0	147.0
121	58.6	48.2	72.4

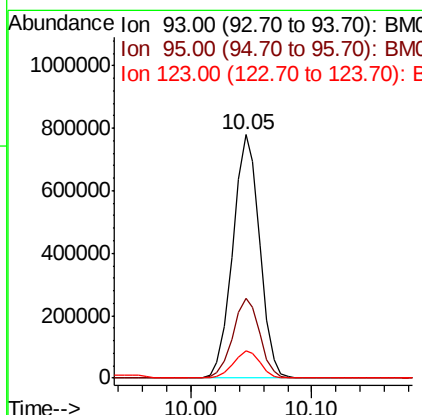
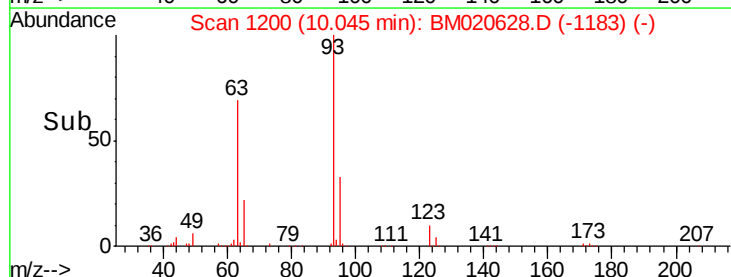
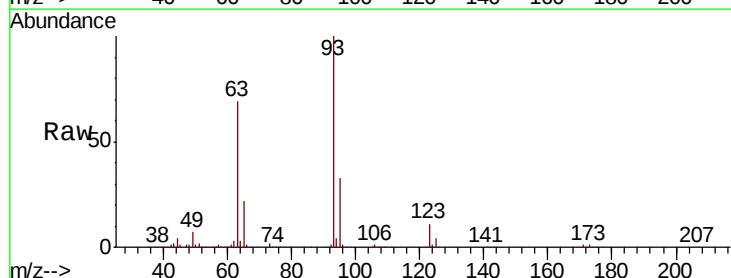
Manual Integrations
APPROVED

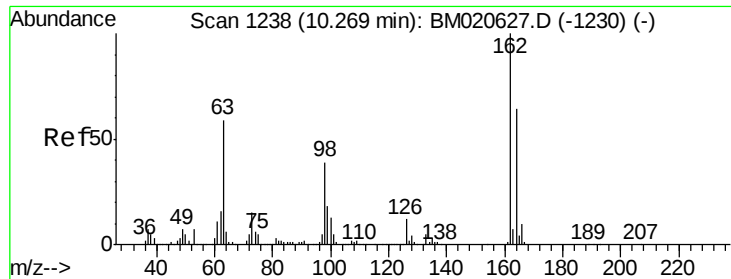
mohammad
6/3/2019 8:48:35 AM



#28
bis(2-Chloroethoxy)methane
Concen: 51.164 ng
RT: 10.05 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	11.2	9.0	13.6





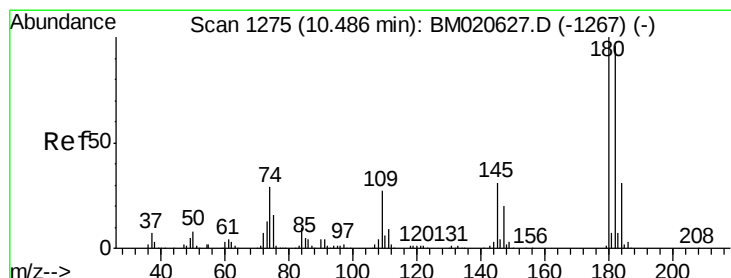
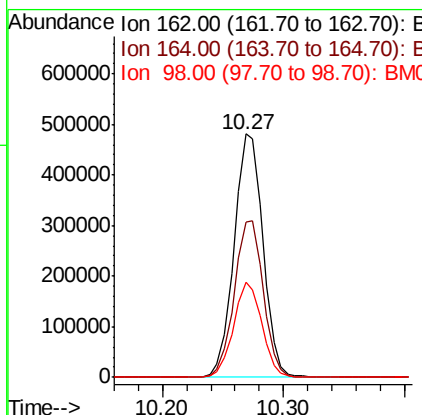
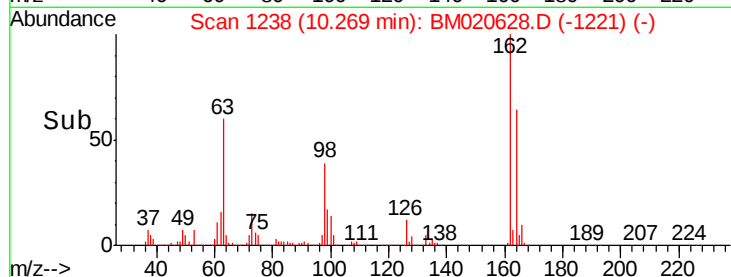
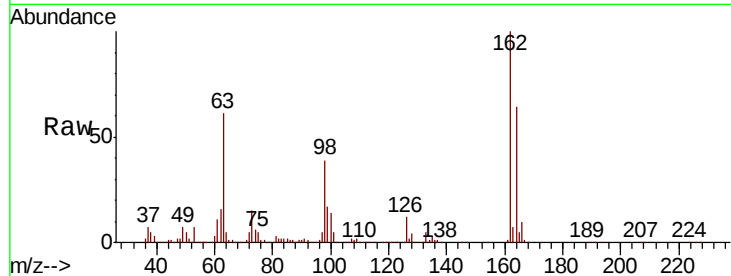
#29
2,4-Dichlorophenol
Concen: 49.980 ng
RT: 10.27 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.8	83.8
98	39.3	19.1	59.1

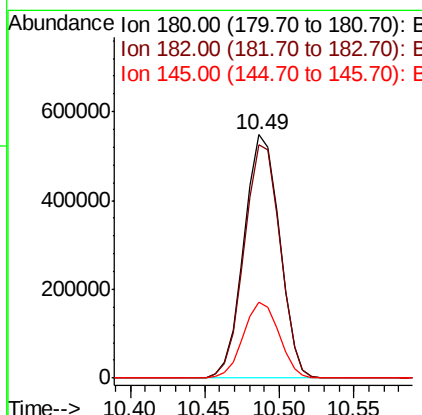
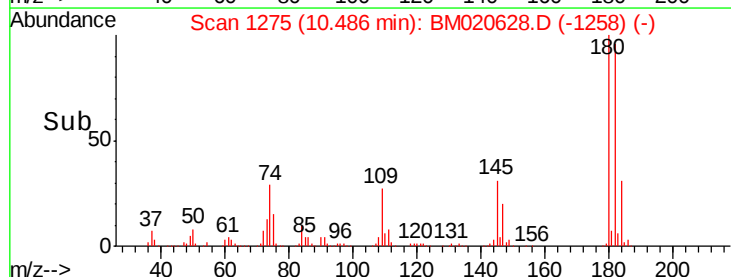
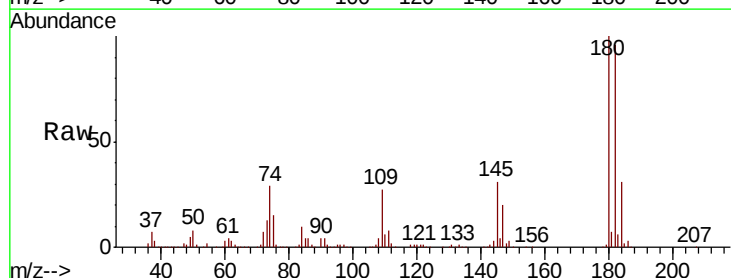
Manual Integrations
APPROVED

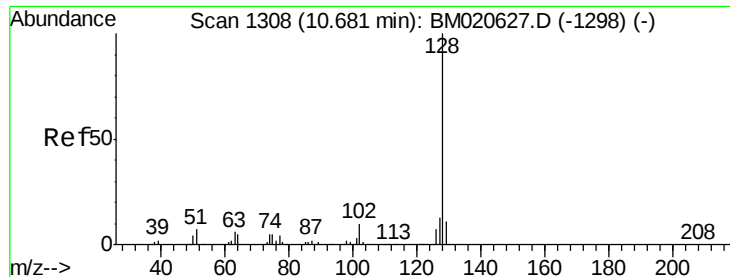
mohammad
6/3/2019 8:48:35 AM



#30
1,2,4-Trichlorobenzene
Concen: 47.876 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.6
145	31.2	25.0	37.4





#31

Naphthalene

Concen: 50.067 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 2687710

Ion Ratio Lower Upper

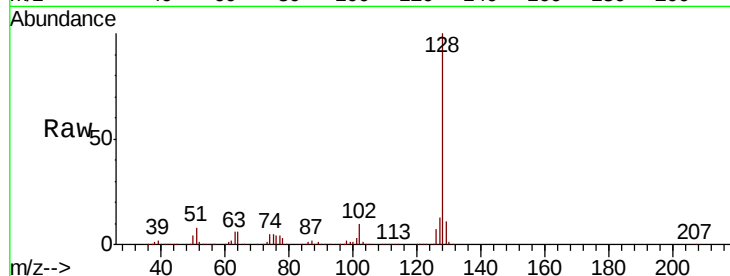
128 100

129 11.0 8.7 13.1

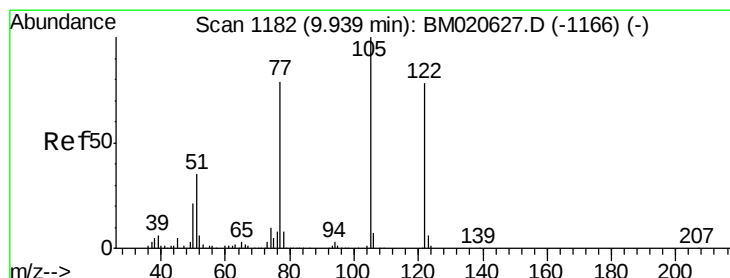
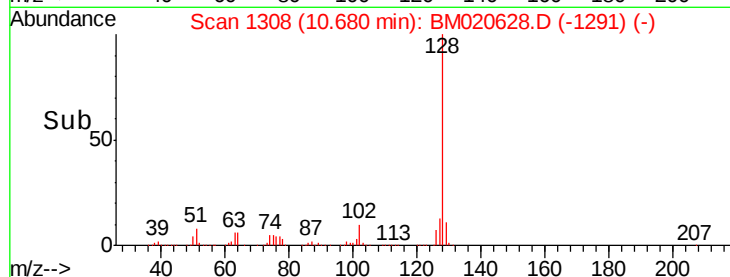
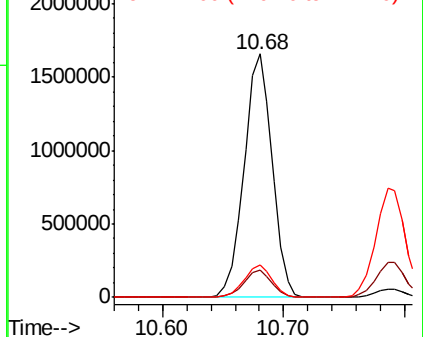
127 13.4 10.3 15.5

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



#32

Benzoic acid

Concen: 65.991 ng m

RT: 9.95 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

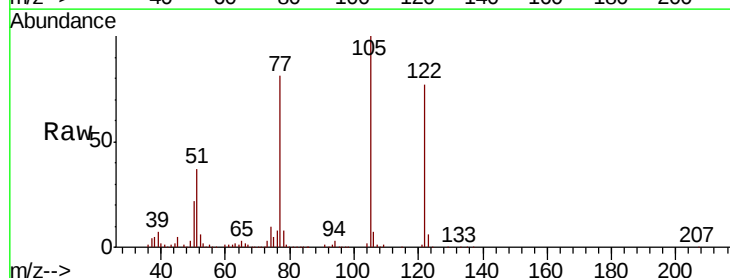
Tgt Ion:122 Resp: 453466

Ion Ratio Lower Upper

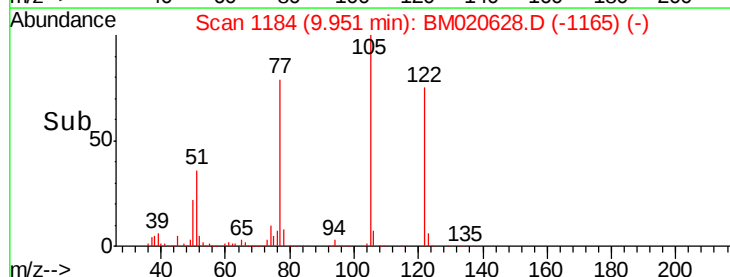
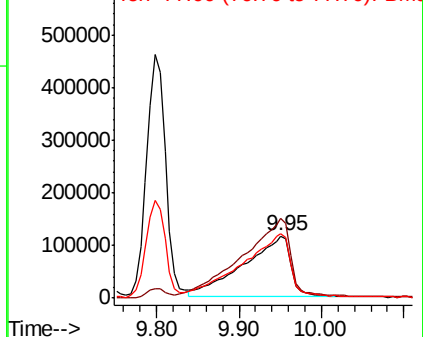
122 100

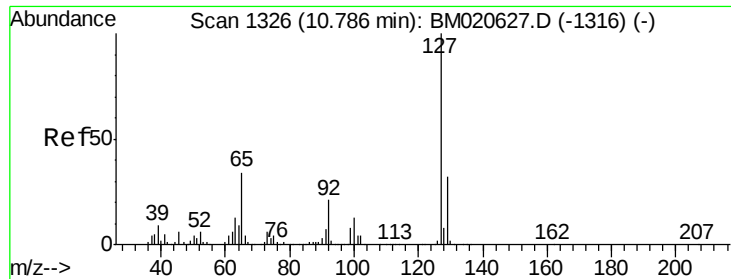
105 129.2 107.0 147.0

77 104.0 80.9 120.9



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): E





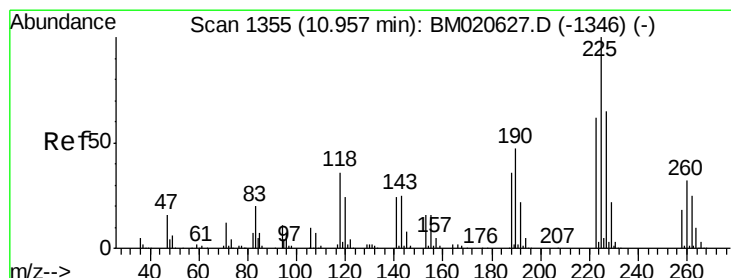
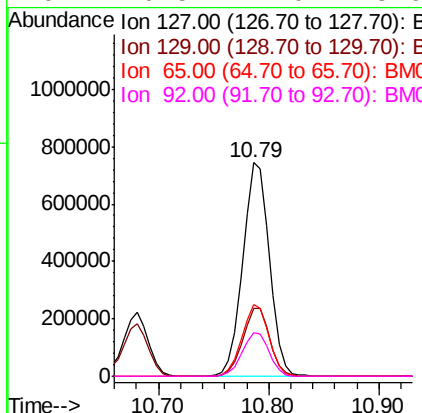
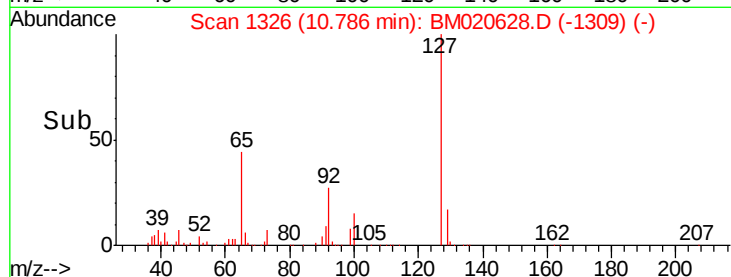
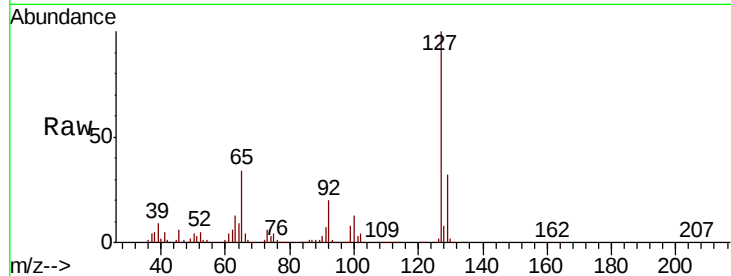
#33
4-Chloroaniline
Concen: 51.489 ng
RT: 10.79 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	33.7	27.4	41.0
92	20.5	17.0	25.6

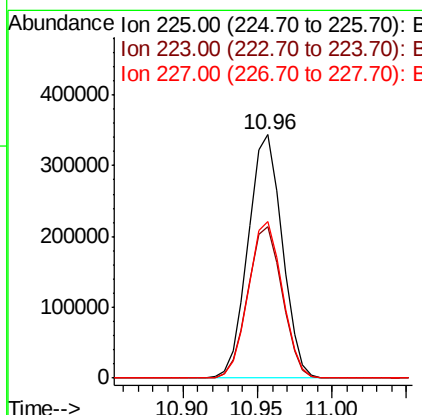
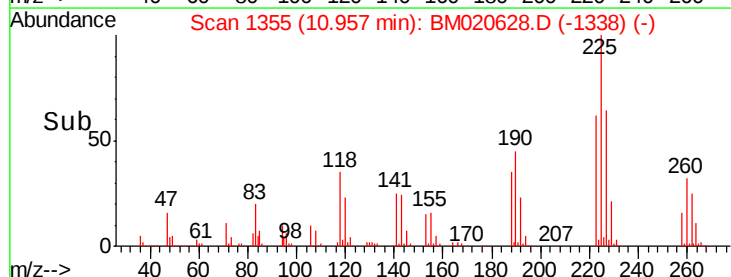
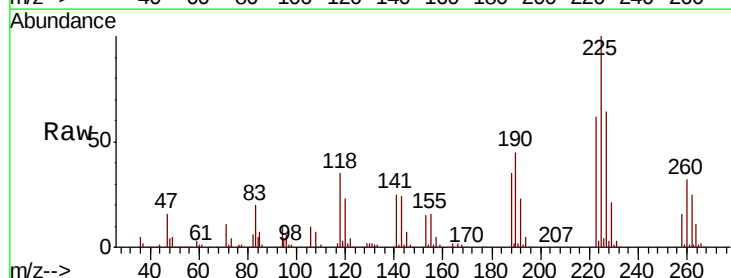
Manual Integrations
APPROVED

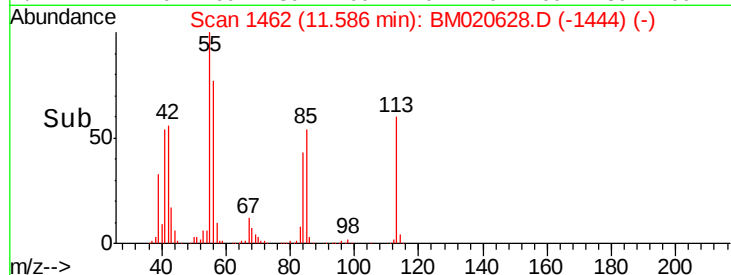
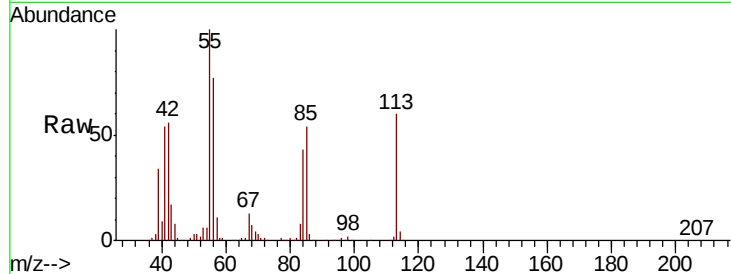
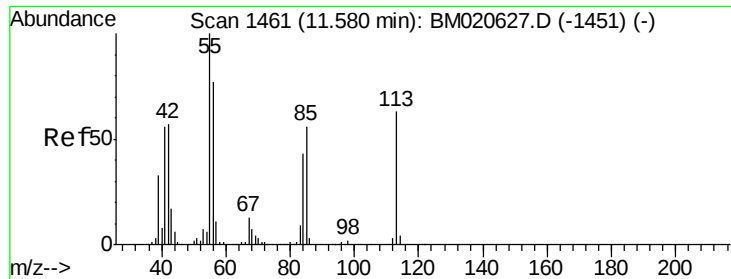
mohammad
6/3/2019 8:48:35 AM



#34
Hexachlorobutadiene
Concen: 46.393 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	64.4	51.8	77.8





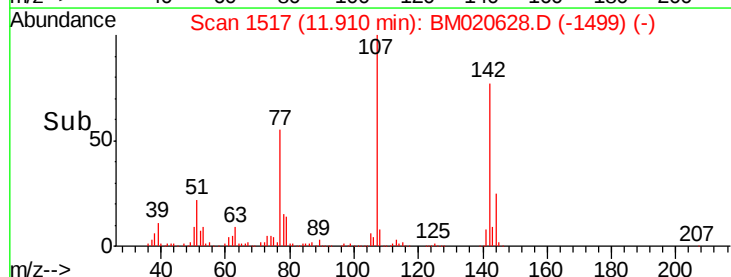
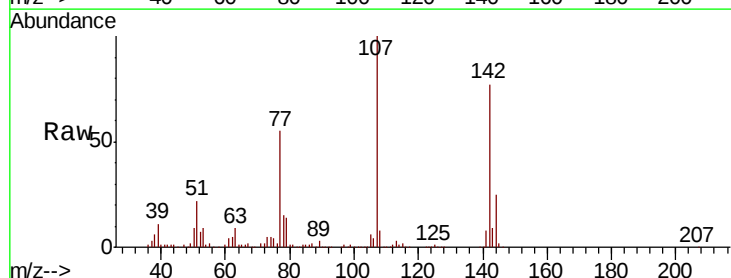
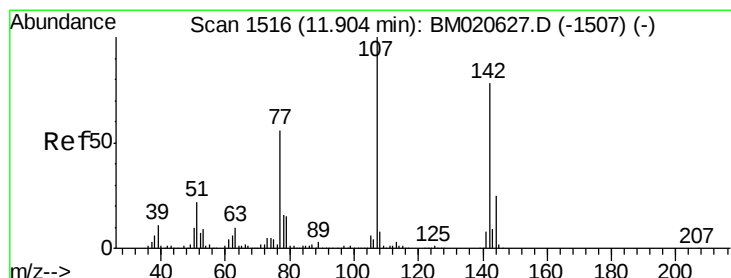
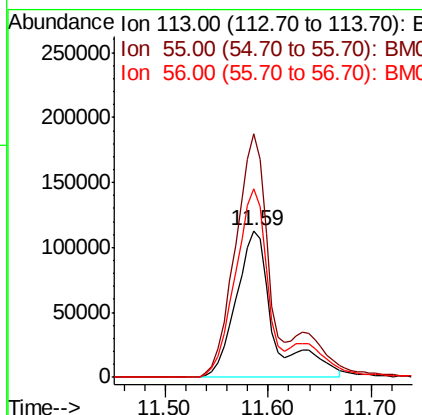
#35
Caprolactam
Concen: 53.374 ng/ml
RT: 11.59 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleID :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.7	138.6	178.6
56	128.0	102.3	142.3

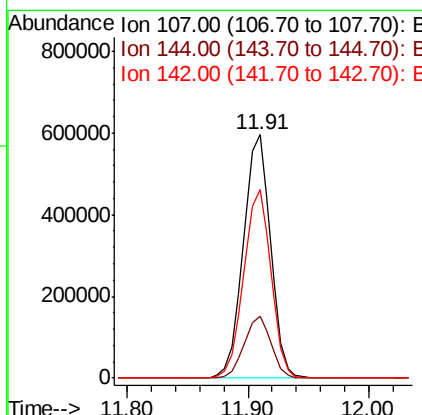
Manual Integrations
APPROVED

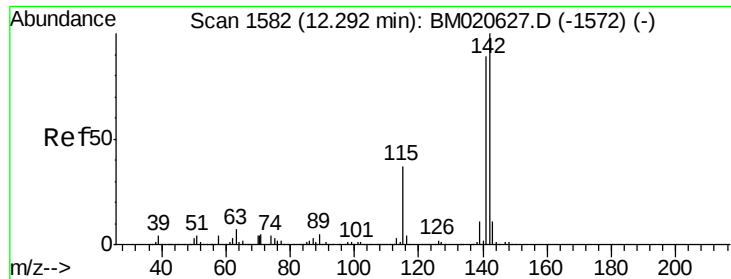
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 53.131 ng/ml
RT: 11.91 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.3	30.5
142	77.5	62.6	93.8





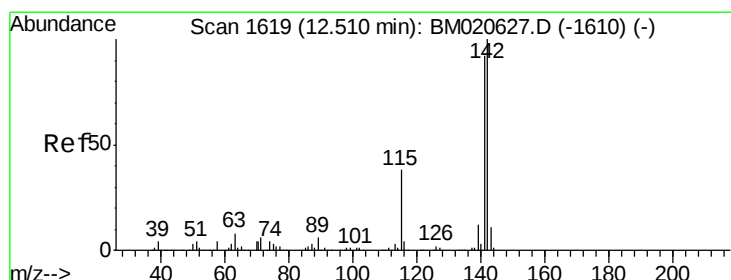
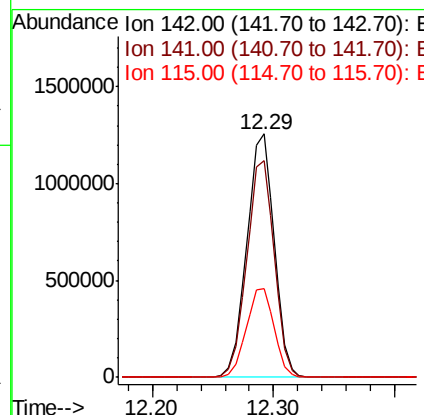
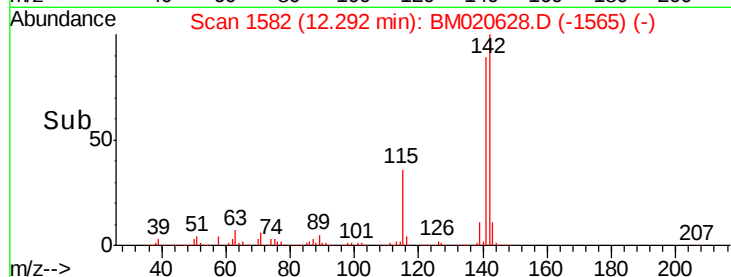
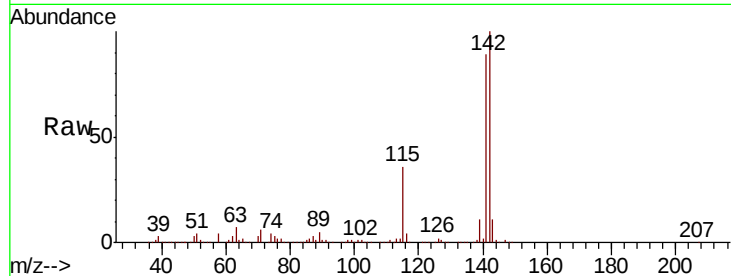
#37
2-Methylnaphthalene
Concen: 50.629 ng
RT: 12.29 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	36.4	29.6	44.4

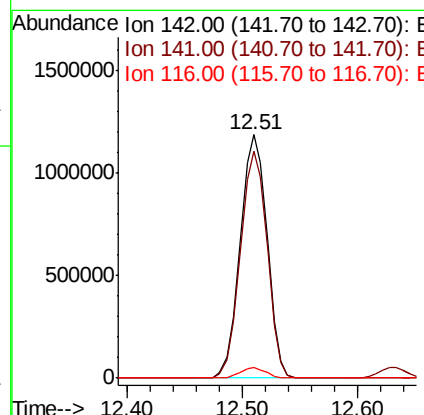
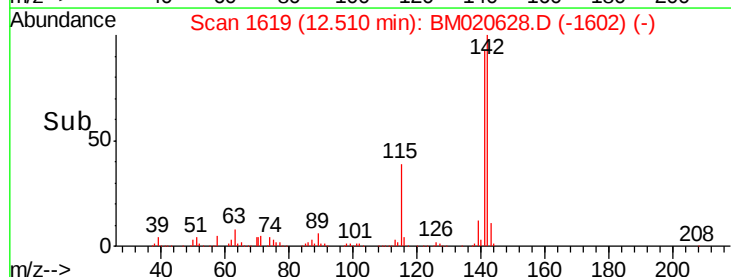
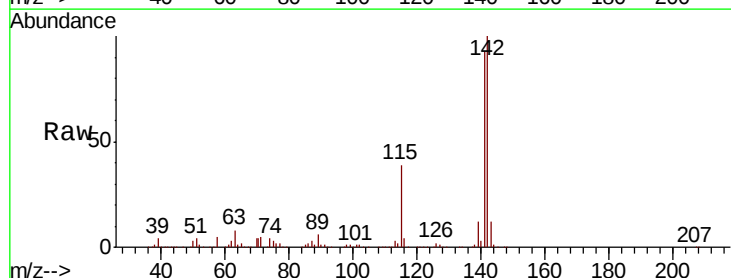
Manual Integrations
APPROVED

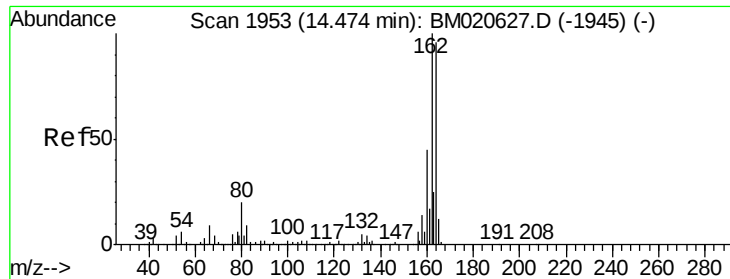
mohammad
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#38
1-Methylnaphthalene
Concen: 51.010 ng
RT: 12.51 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.9	110.9
116	4.2	3.2	4.8





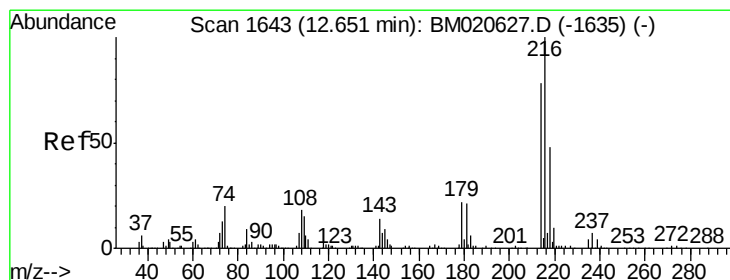
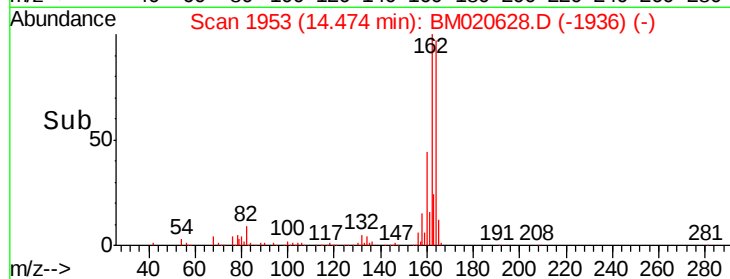
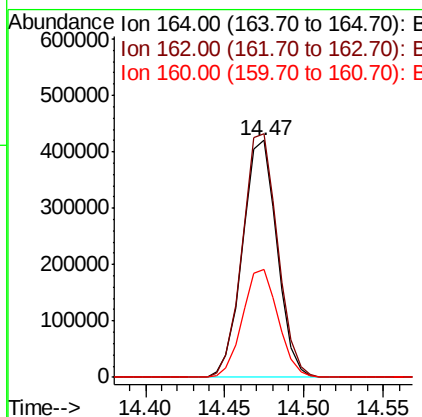
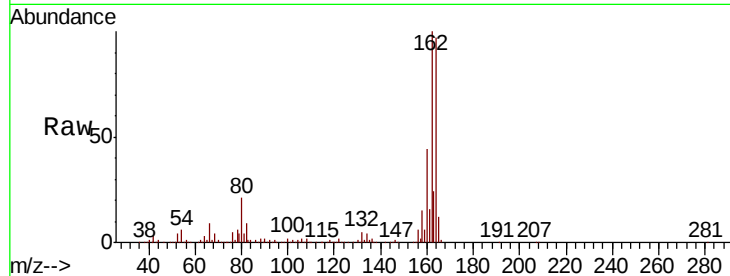
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.2	124.8
160	45.6	37.5	56.3

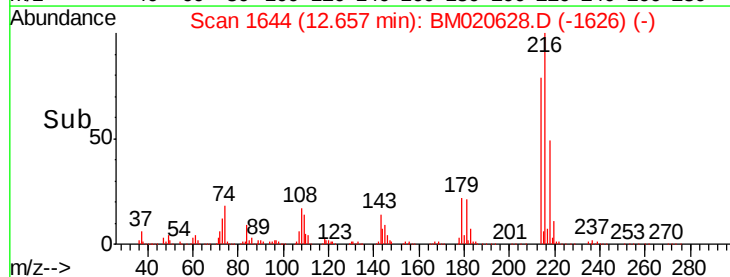
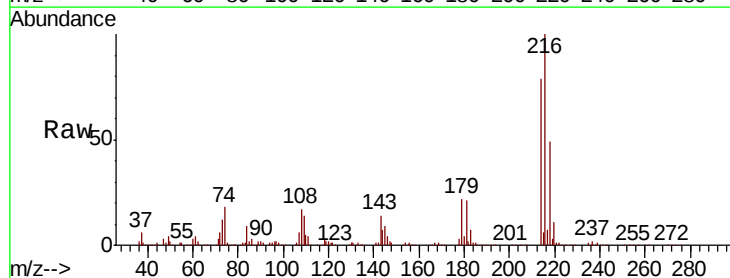
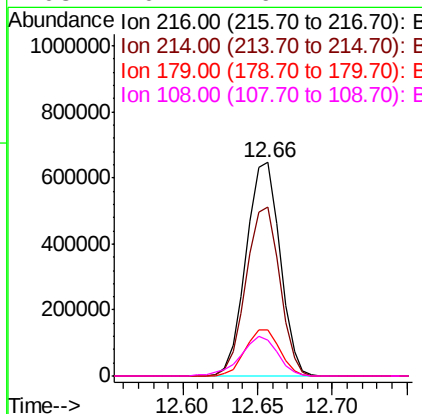
Manual Integrations
APPROVED

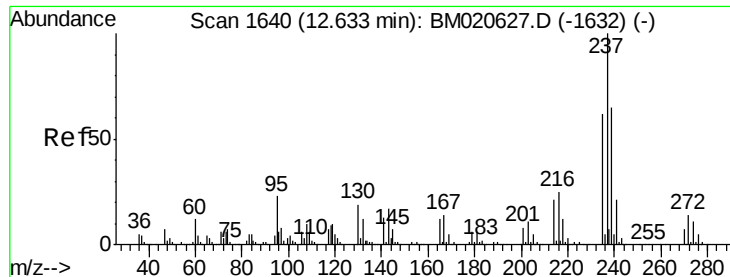
mohammad
6/3/2019 8:48:35 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.243 ng
RT: 12.66 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.1	17.9	26.9
108	20.2	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 46.994 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

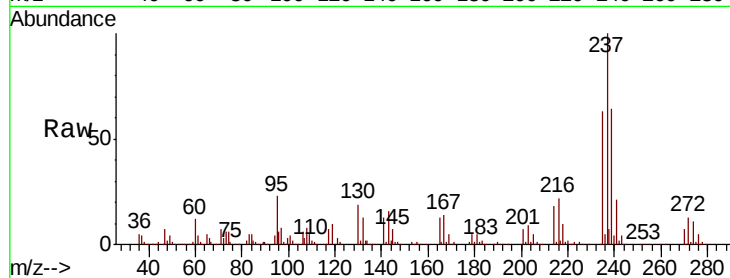
ClientSampleId :

SSTDICC050

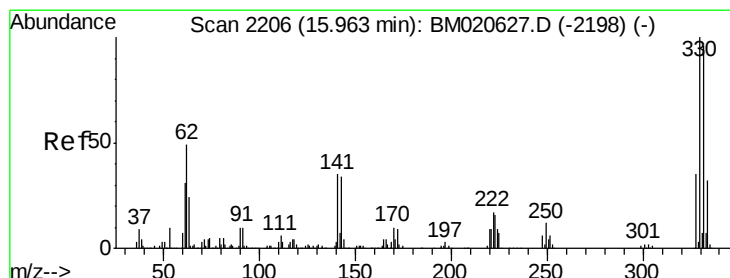
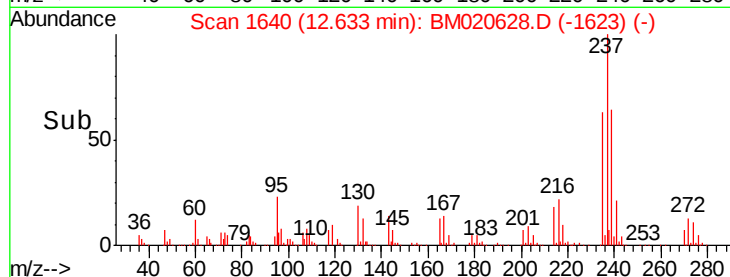
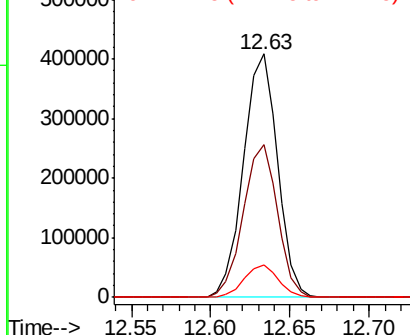
Tot Ion:	237	Resp:	610083
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.1	82.1
272	13.2	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 100.891 ng

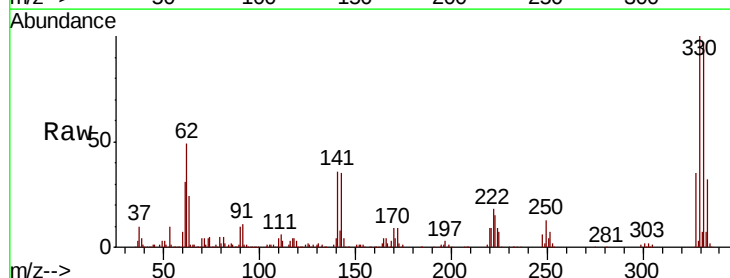
RT: 15.96 min Scan# 2206

Delta R.T. -0.00 min

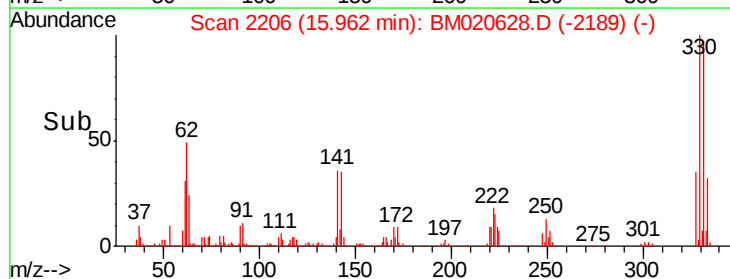
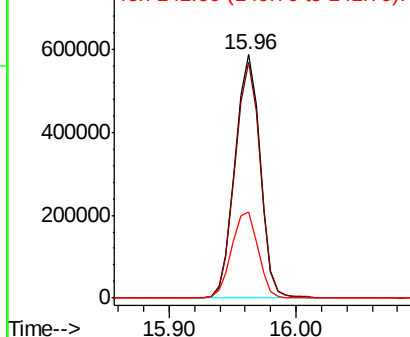
Lab File: BM020628.D

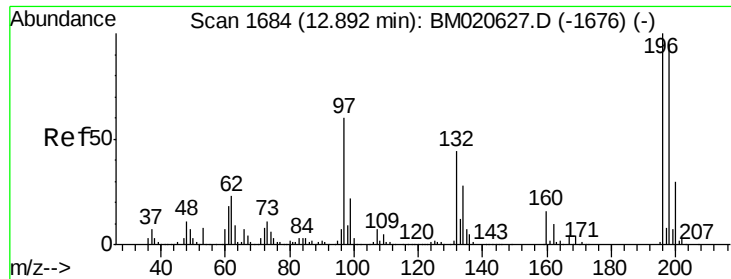
Acq: 31 May 2019 13:00

Tgt Ion:	330	Resp:	807317
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.4	116.0
141	37.3	30.4	45.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





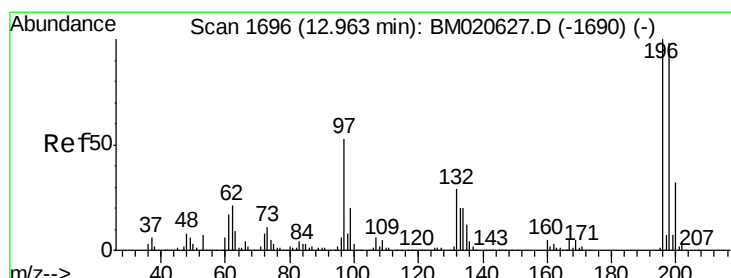
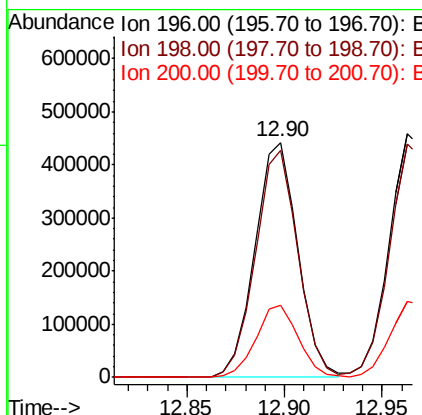
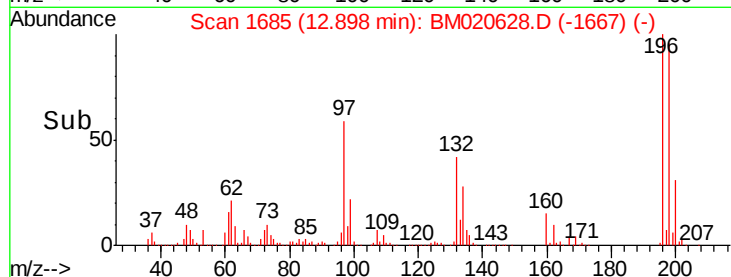
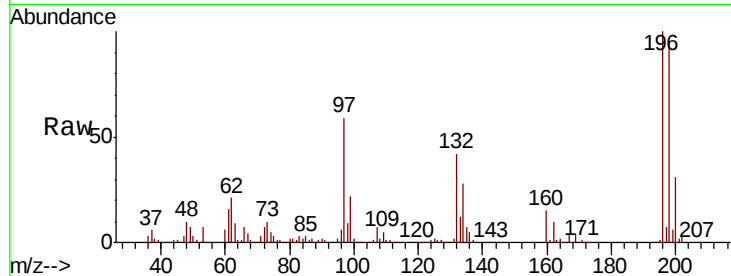
#43
 2,4,6-Trichlorophenol
 Concen: 49.845 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	670835		
198	96.3	75.7	113.5	
200	30.7	23.9	35.9	

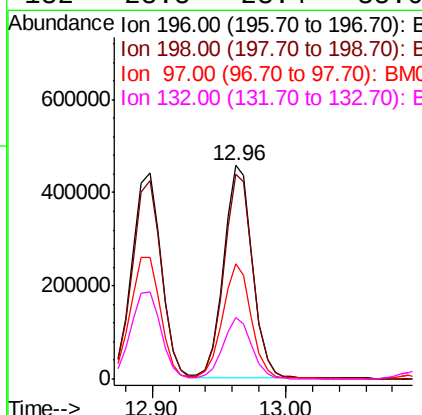
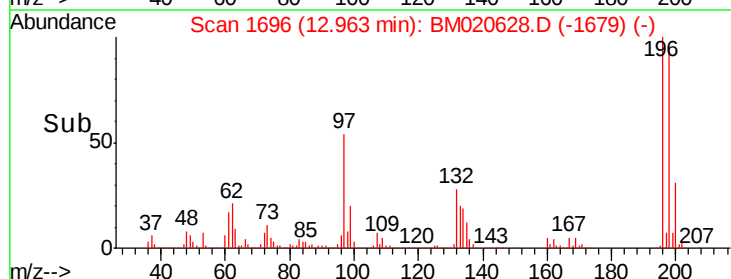
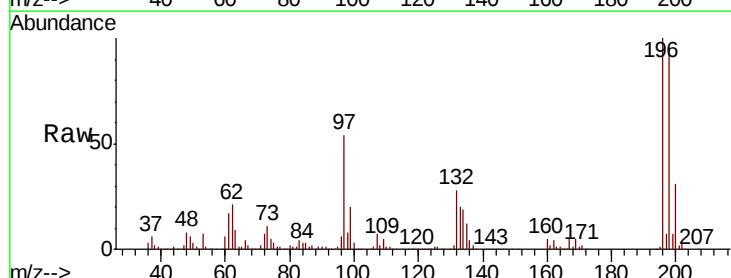
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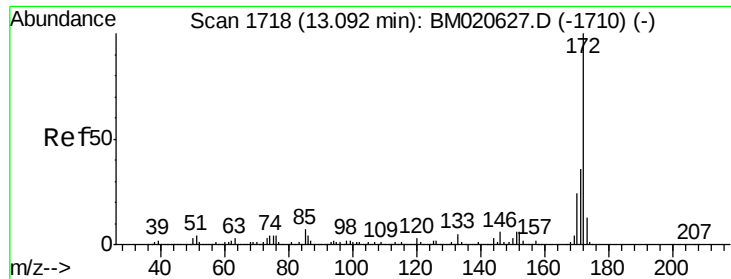
mohammad
 6/3/2019 8:48:35 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.521 ng
 RT: 12.96 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	691709		
198	95.7	78.6	117.8	
97	54.0	42.7	64.1	
132	28.5	23.4	35.0	





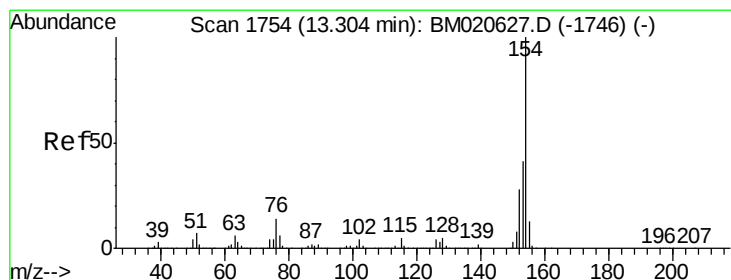
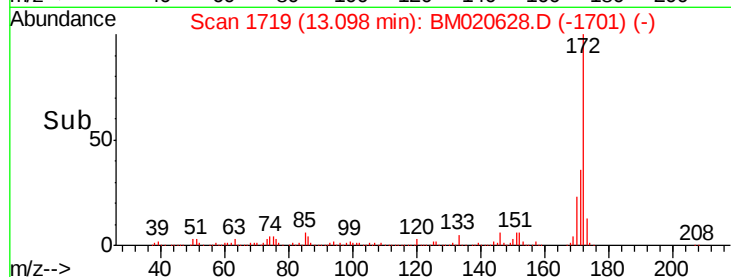
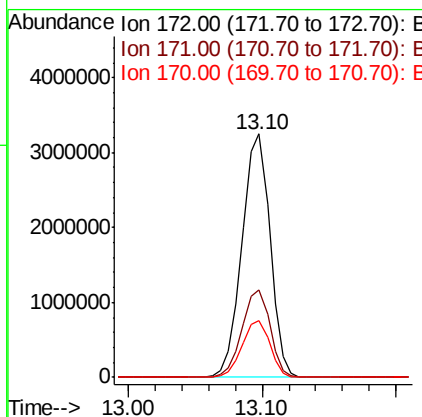
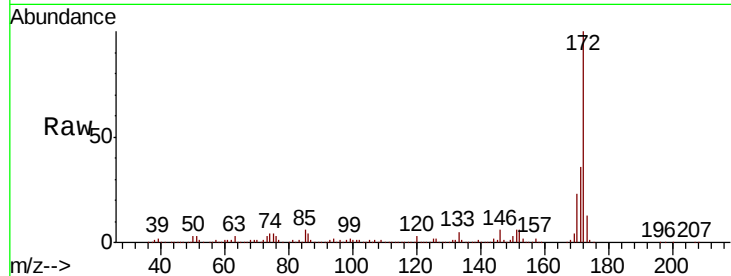
#45
2-Fluorobiphenyl
Concen: 96.679 ng
RT: 13.10 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:172 Resp: 4704345
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.5 18.9 28.3

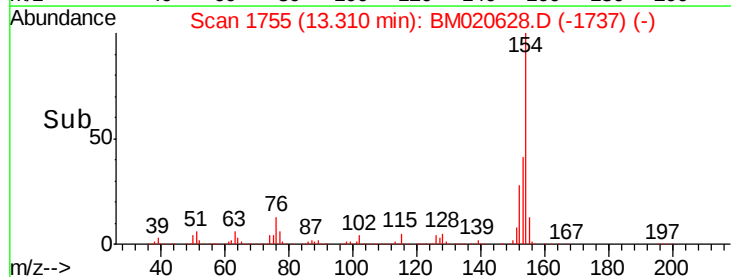
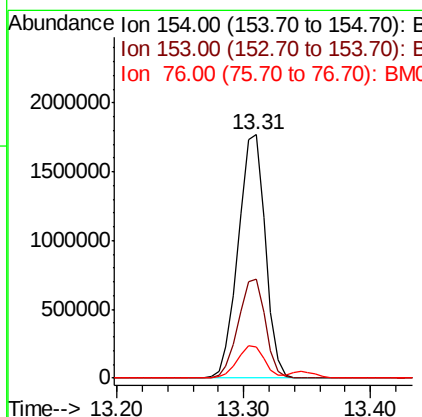
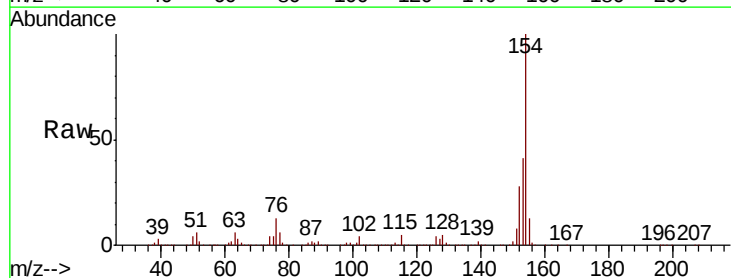
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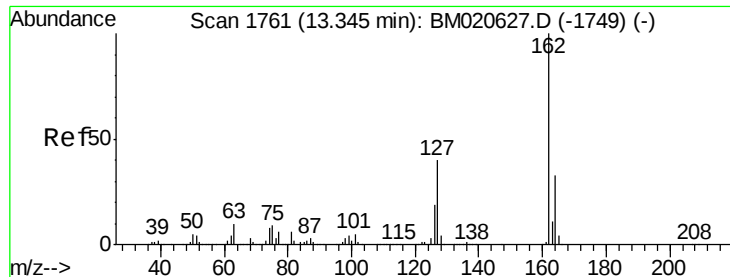
mohammad
6/3/2019 8:48:35 AM



#46
1,1'-Biphenyl
Concen: 48.609 ng
RT: 13.31 min Scan# 1755
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion:154 Resp: 2609252
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 12.9 0.0 34.0





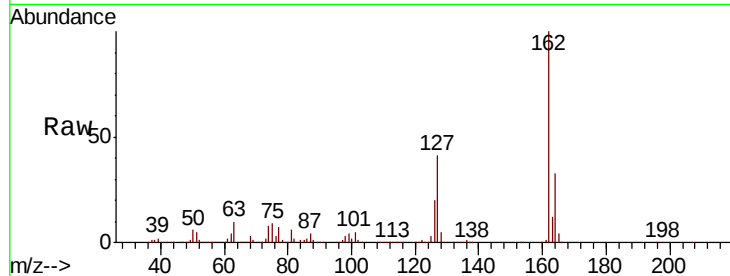
#47
 2-Chloronaphthalene
 Concen: 48.330 ng
 RT: 13.34 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.1	48.1
164	32.8	26.6	39.8

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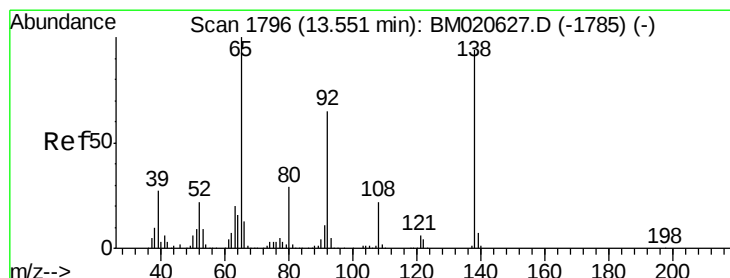
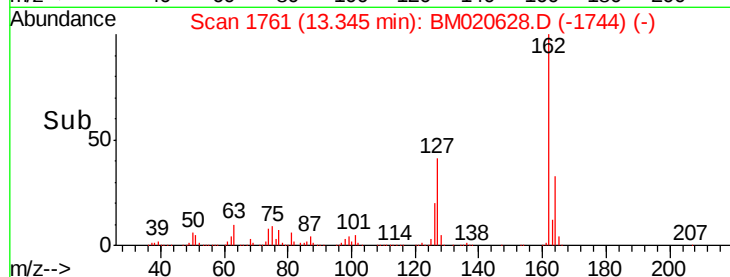
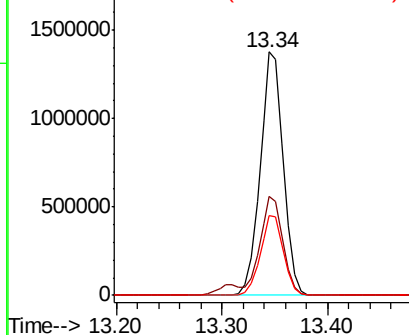


Abundance

Ion 162.00 (161.70 to 162.70): E

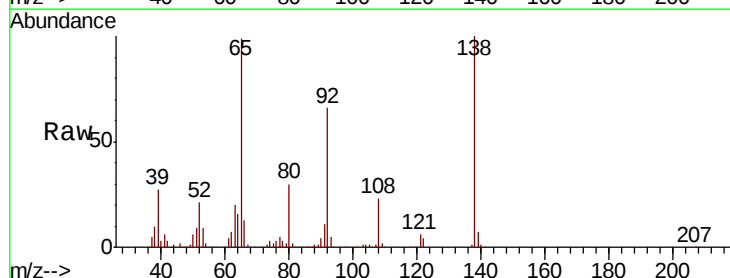
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 60.930 ng
 RT: 13.56 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	52.2	78.4
138	101.0	75.4	113.0

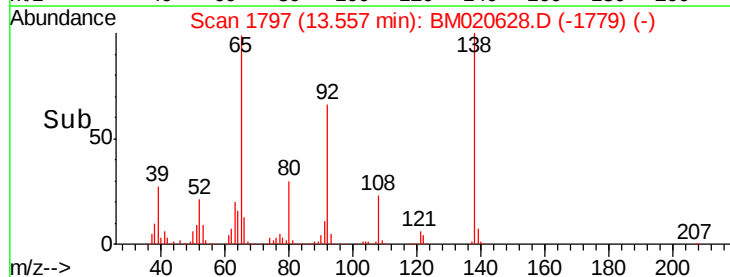
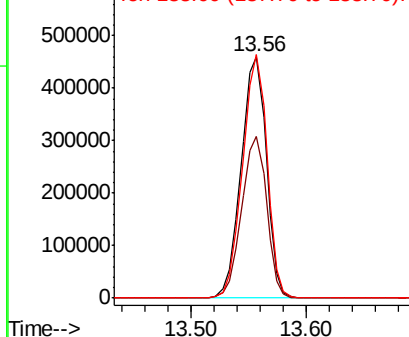


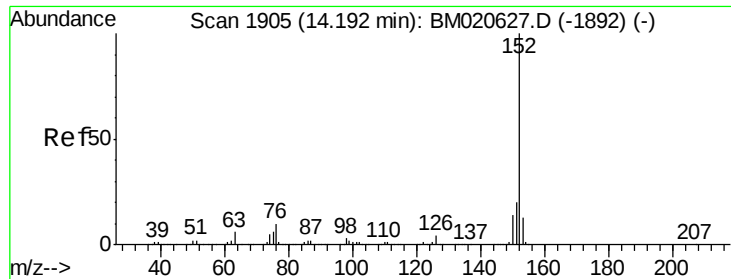
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.234 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:152 Resp: 3300380

Ion Ratio Lower Upper

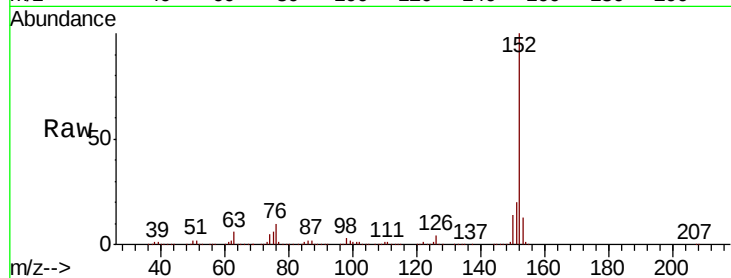
152 100

151 20.2 16.2 24.2

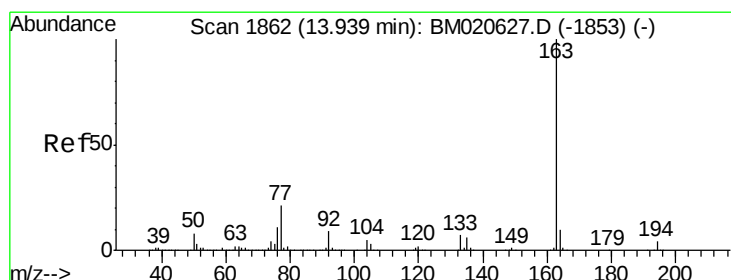
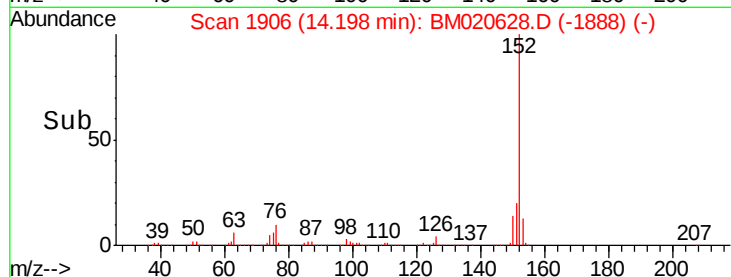
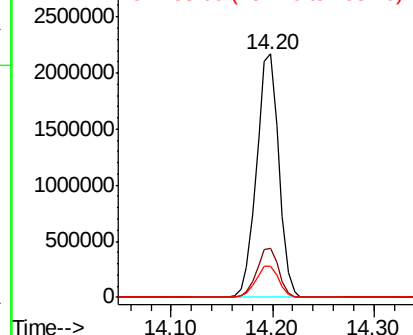
153 12.9 10.6 15.8

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



#50

Dimethylphthalate

Concen: 50.469 ng

RT: 13.94 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

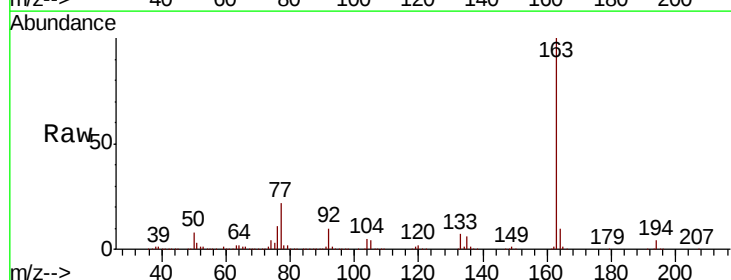
Tgt Ion:163 Resp: 2727950

Ion Ratio Lower Upper

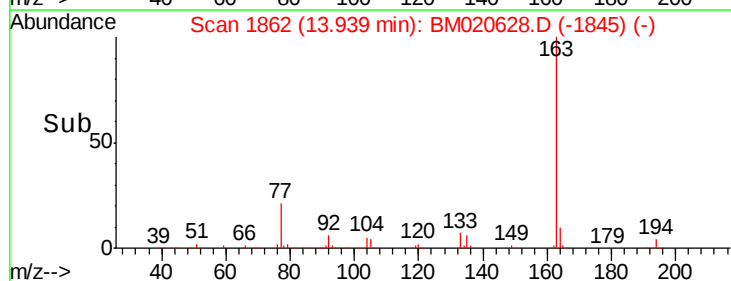
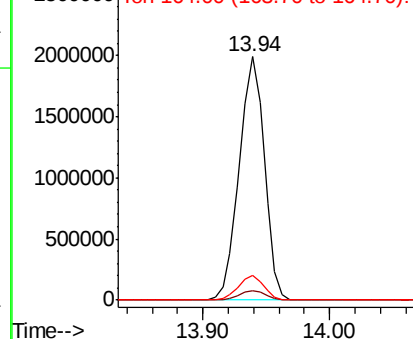
163 100

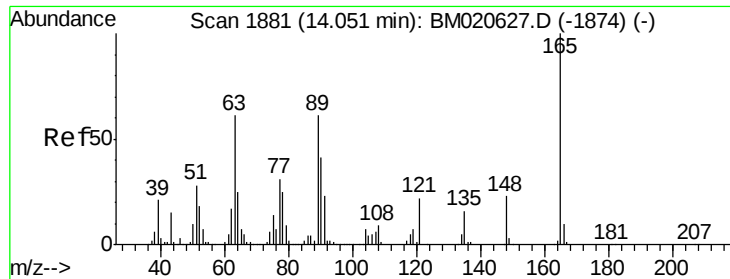
194 4.0 3.2 4.8

164 10.0 7.9 11.9



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





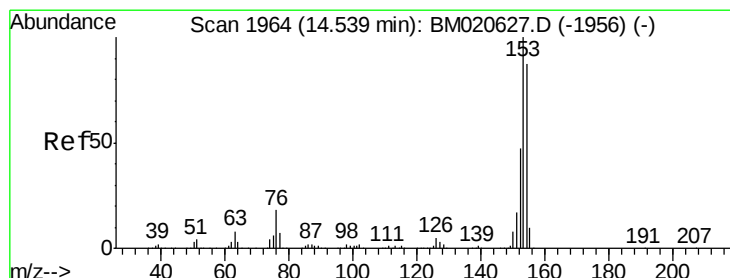
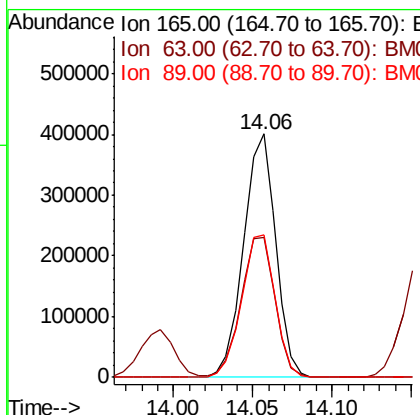
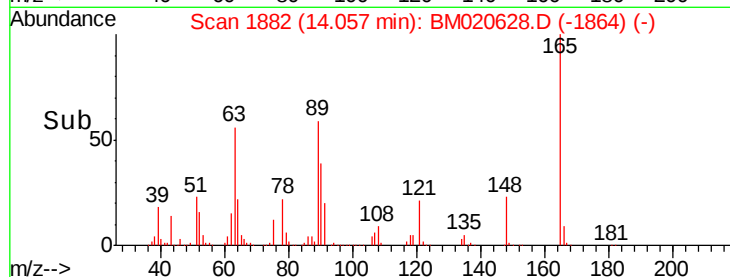
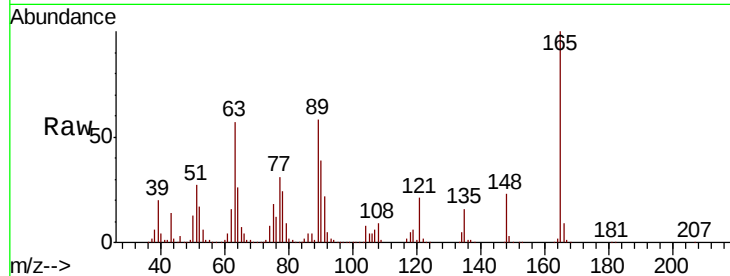
#51
2,6-Dinitrotoluene
Concen: 54.299 ng
RT: 14.06 min Scan# 1882
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	563913		
63	57.5		50.4	75.6
89	58.4		49.1	73.7

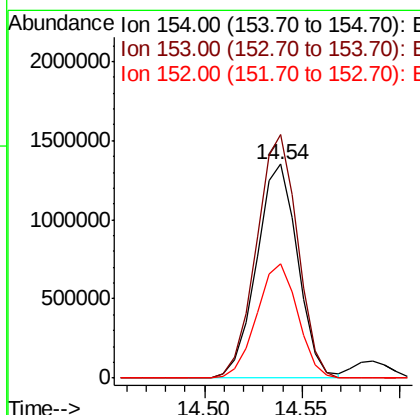
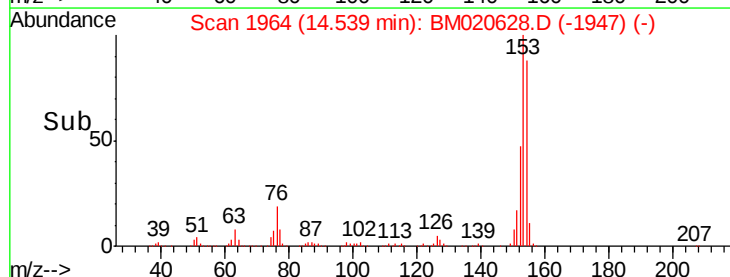
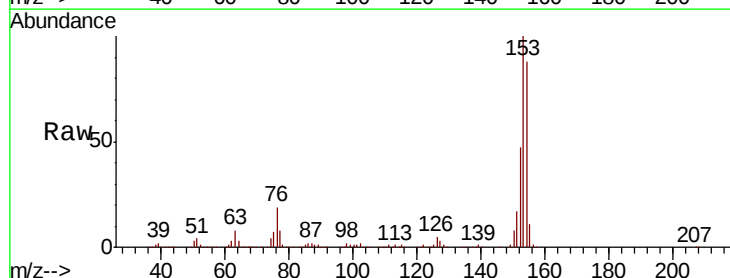
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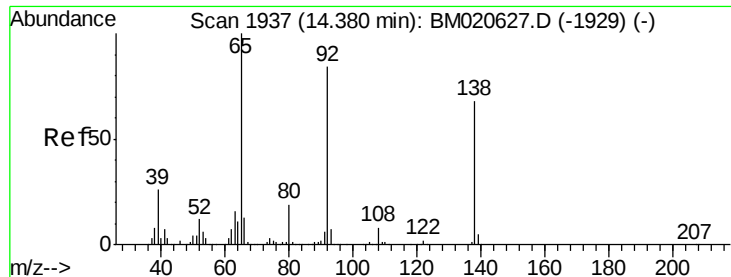
mohammad
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#52
Acenaphthene
Concen: 49.384 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1972994		
153	113.8		92.4	138.6
152	53.2		43.4	65.0





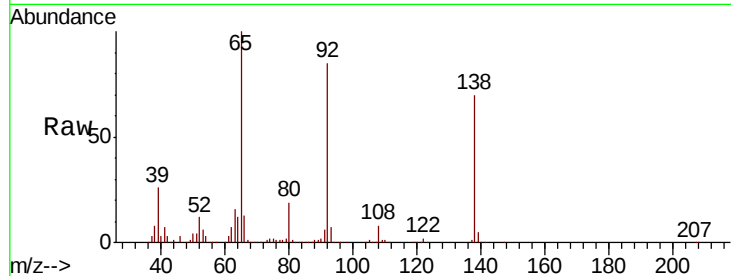
#53
3-Nitroaniline
Concen: 56.154 ng
RT: 14.39 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

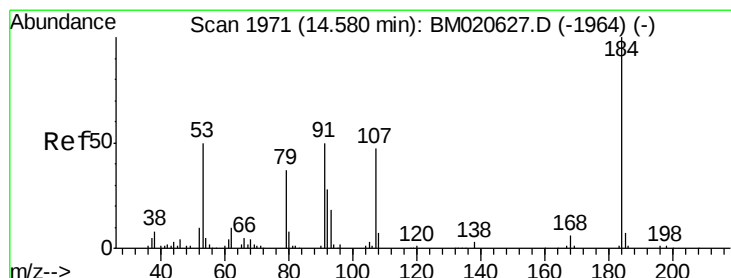
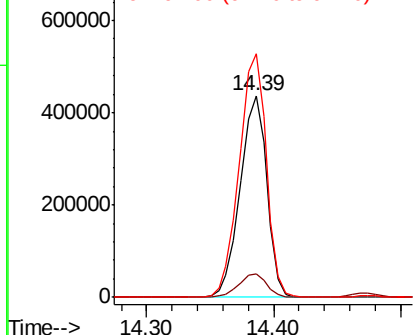
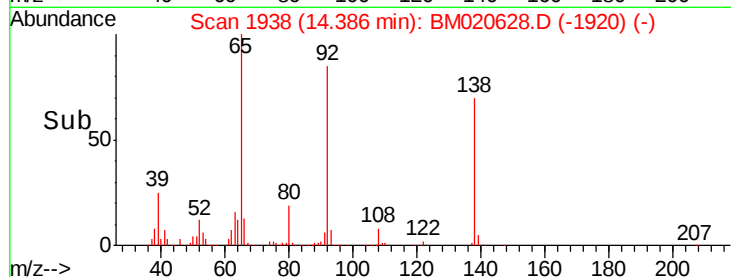
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.5	14.3
92	120.8	99.6	149.4

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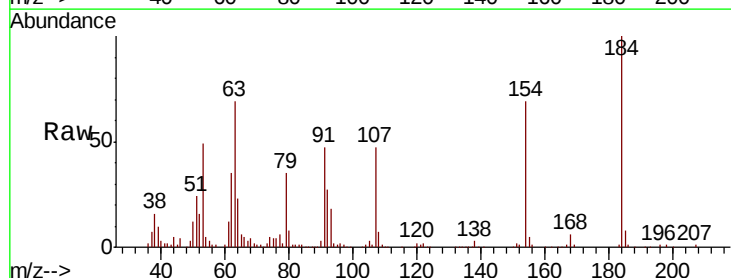


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

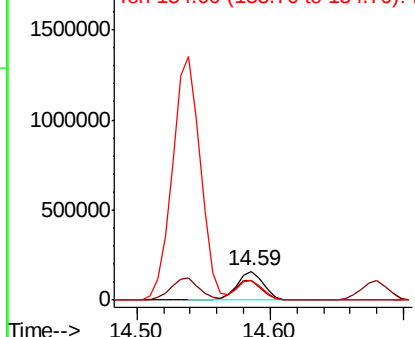
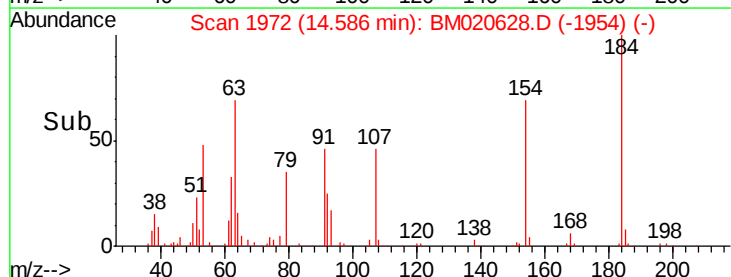


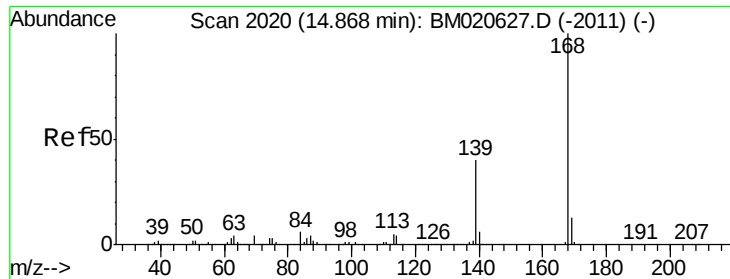
#54
2,4-Dinitrophenol
Concen: 67.896 ng
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.3	59.3	88.9
154	69.3	56.5	84.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





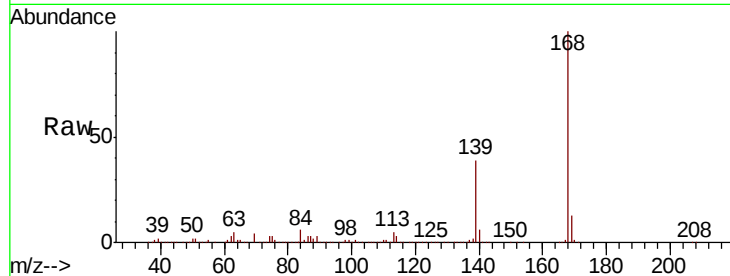
#55
Dibenzofuran
Concen: 49.546 ng
RT: 14.87 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.9	47.9
169	13.0	10.7	16.1

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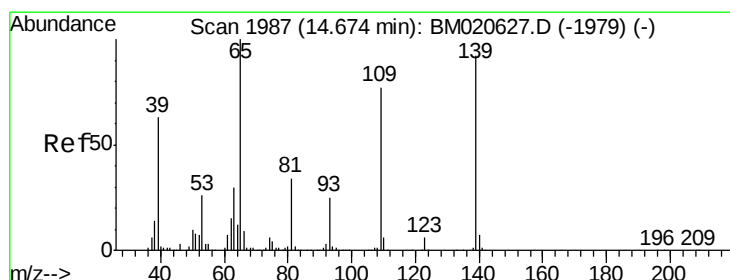
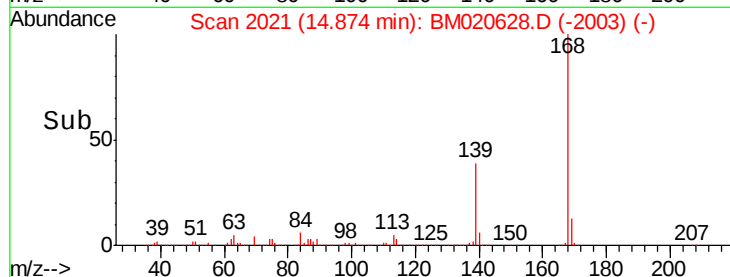
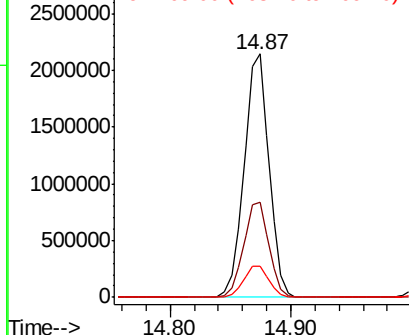


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.097 ng
RT: 14.68 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

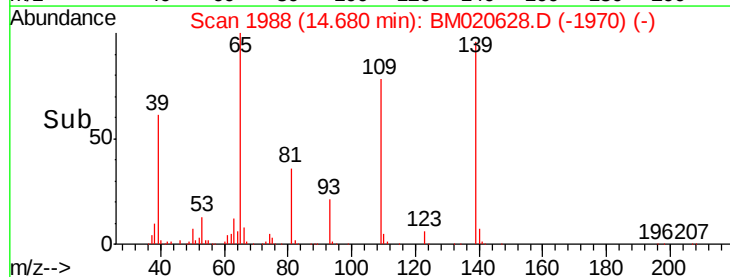
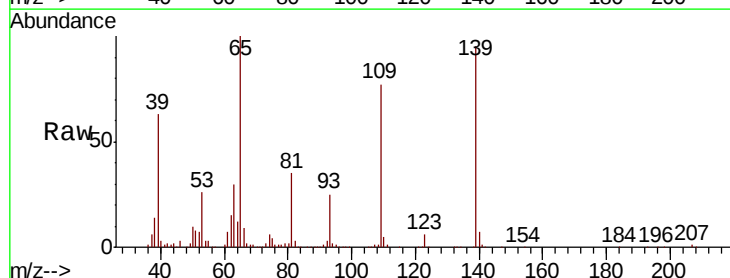
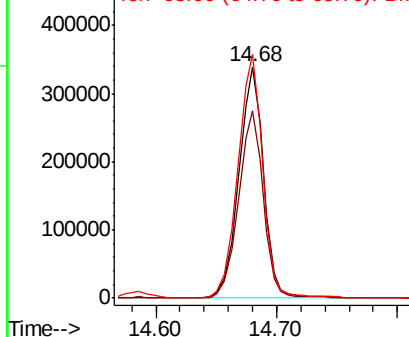
Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.3	62.7	102.7
65	105.4	88.3	128.3

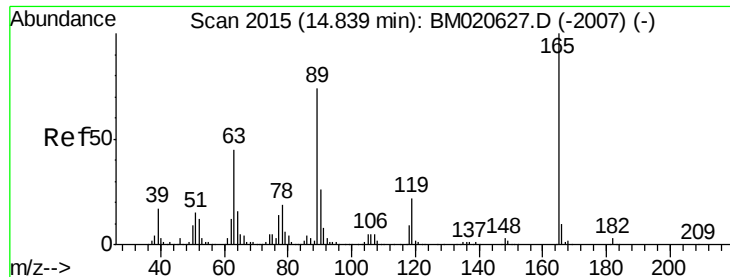
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





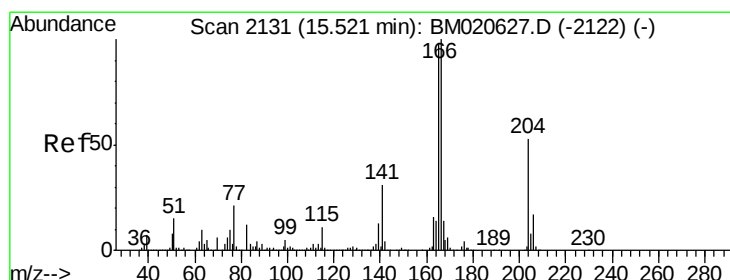
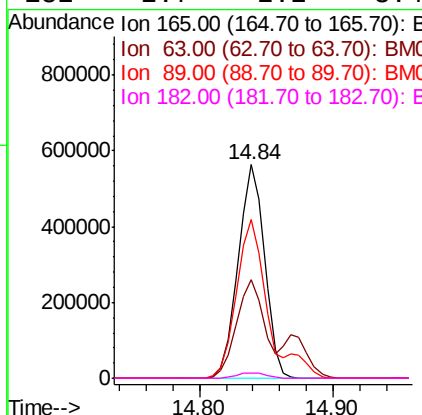
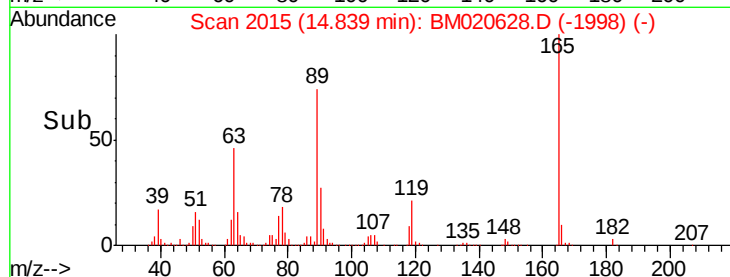
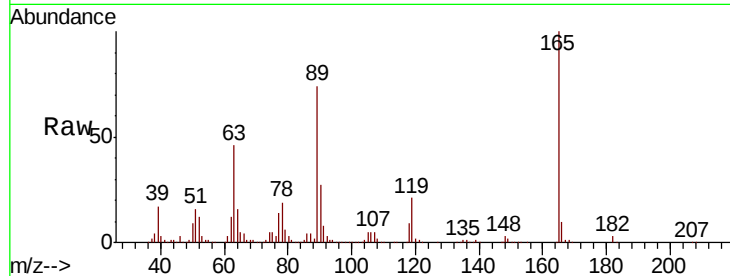
#57
2,4-Dinitrotoluene
Concen: 56.630 ng
RT: 14.84 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	773065		
63	46.1		36.3	54.5
89	74.3		59.0	88.6
182	2.7		2.2	3.4

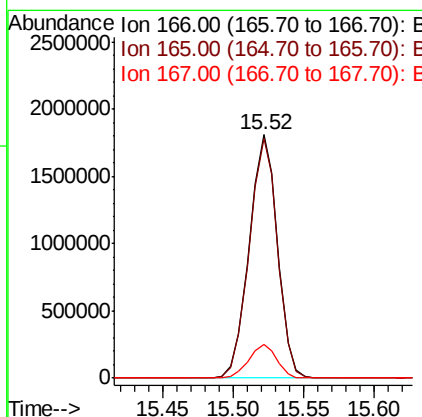
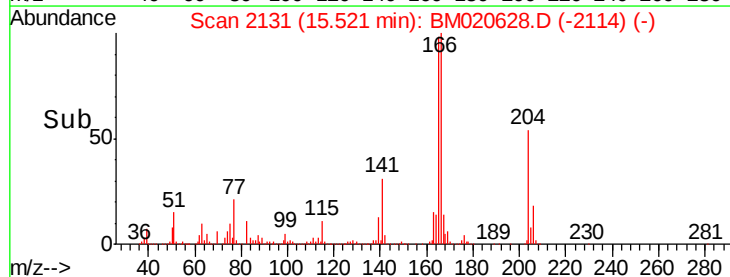
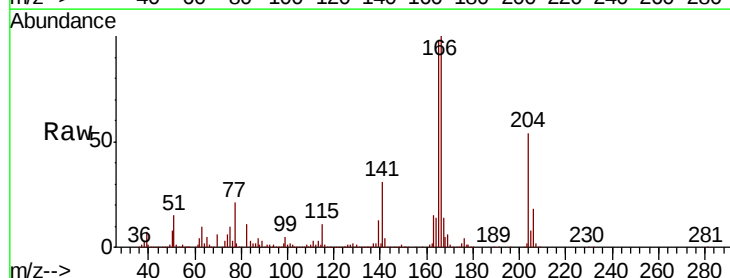
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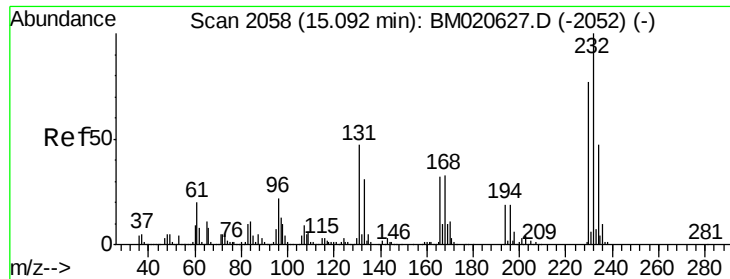
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#58
Fluorene
Concen: 50.117 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2543589		
165	98.3		78.6	117.8
167	13.6		11.0	16.4





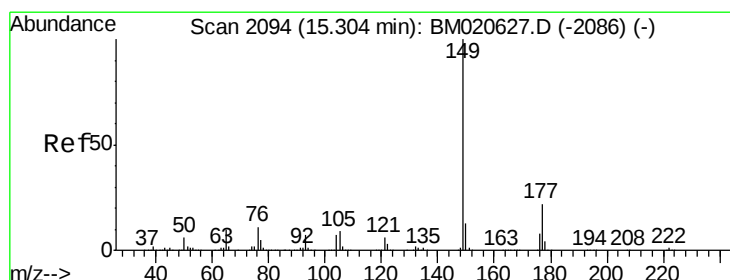
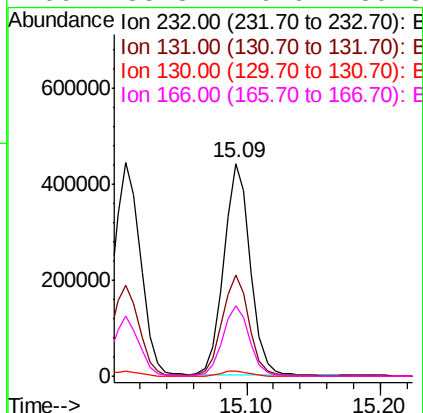
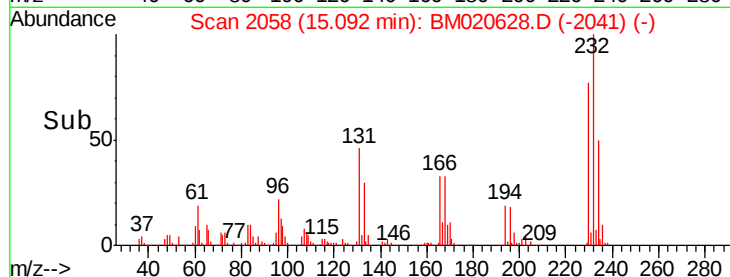
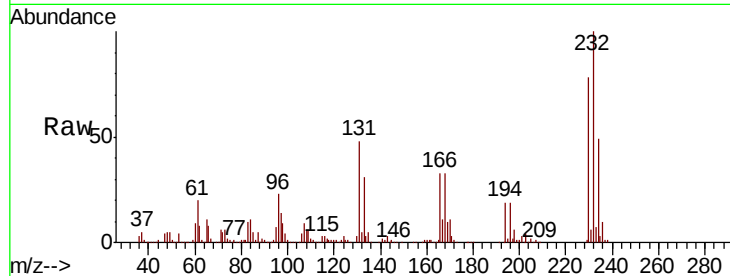
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.193 ng
 RT: 15.09 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion:	232	Resp:	613552
Ion Ratio	Lower	Upper	
232	100		
131	48.6	38.6	57.8
130	2.6	2.2	3.2
166	33.3	26.6	39.8

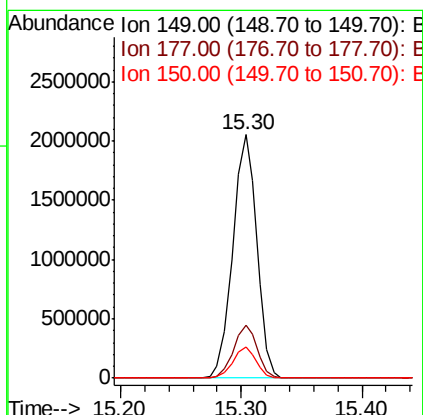
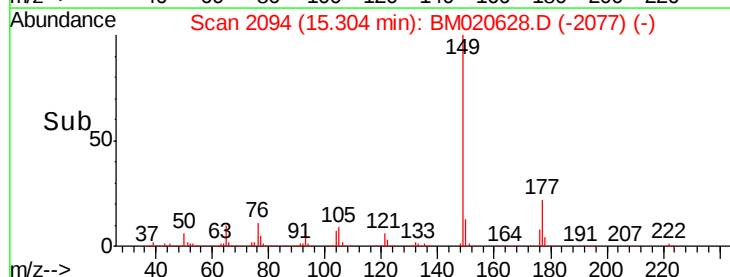
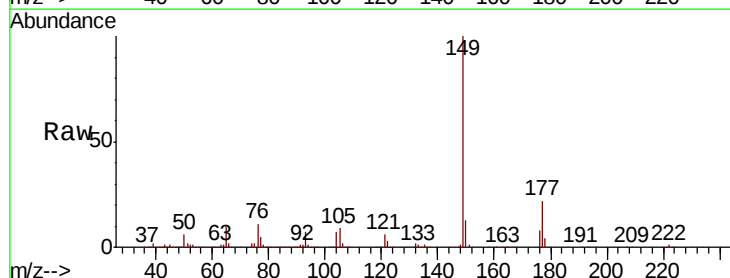
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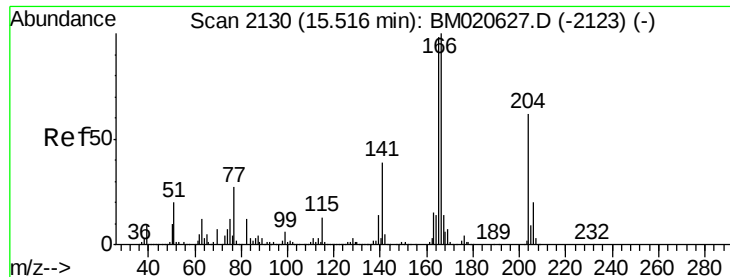
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#60
 Diethylphthalate
 Concen: 51.373 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Tgt Ion:	149	Resp:	2841007
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.2	25.8
150	12.6	10.1	15.1





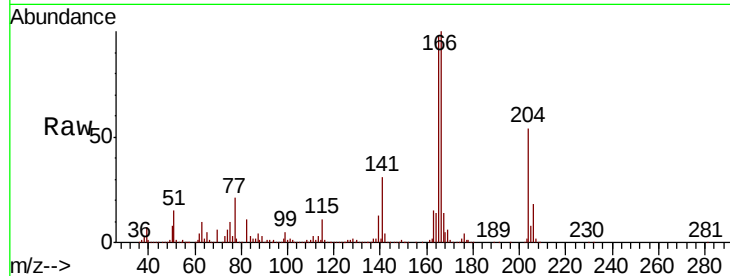
#61
4-Chlorophenyl-phenylether
Concen: 49.444 ng
RT: 15.52 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

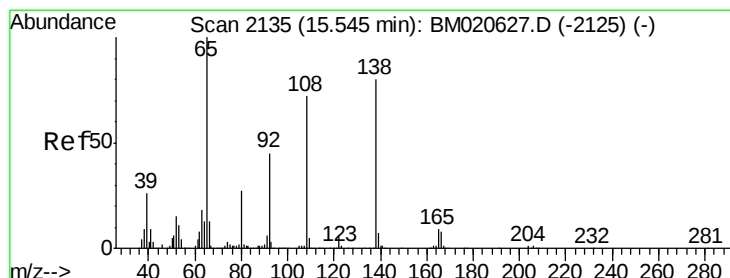
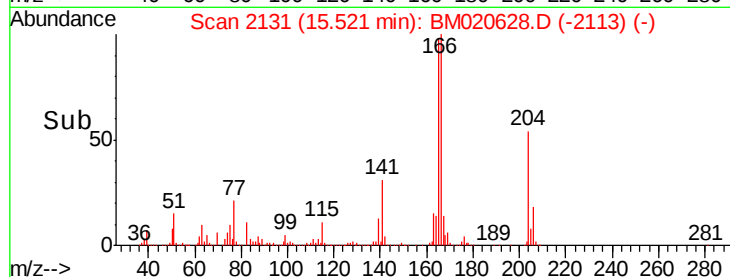
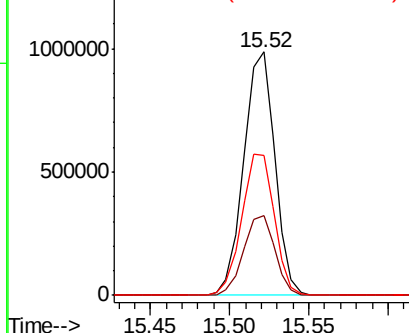
Tot Ion:204 Resp: 1345088
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 57.4 50.2 75.4

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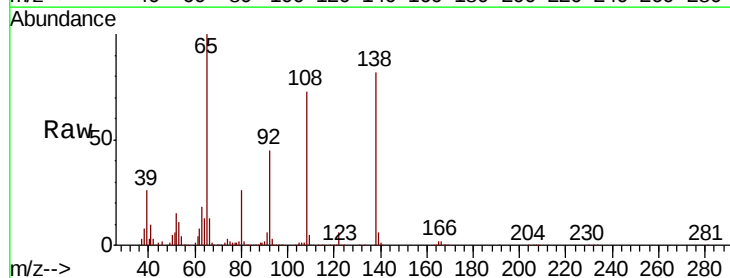


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

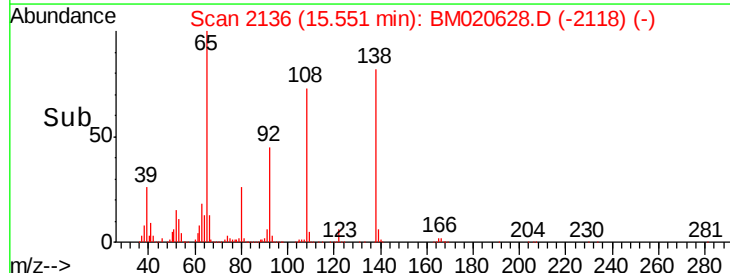
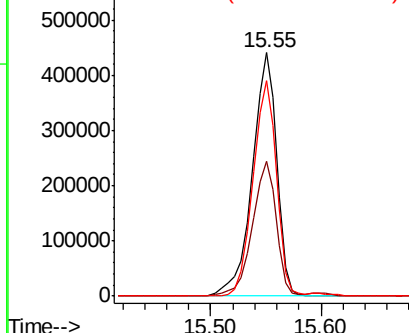


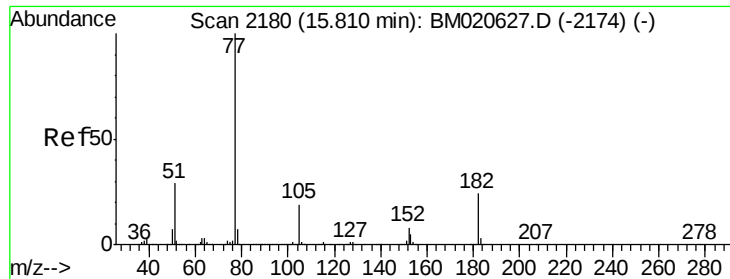
#62
4-Nitroaniline
Concen: 57.018 ng
RT: 15.55 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion:138 Resp: 687639
Ion Ratio Lower Upper
138 100
92 55.4 36.7 76.7
108 88.7 70.3 110.3



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





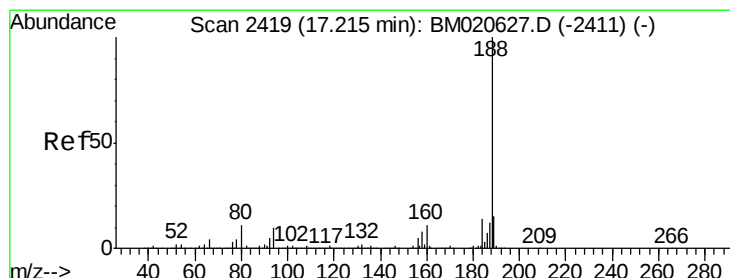
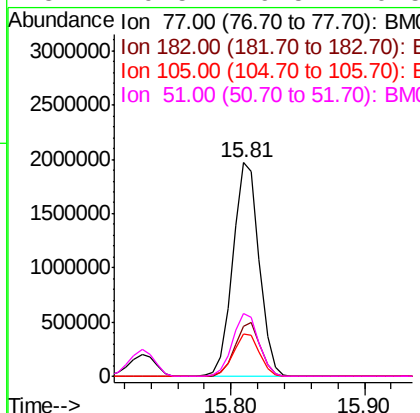
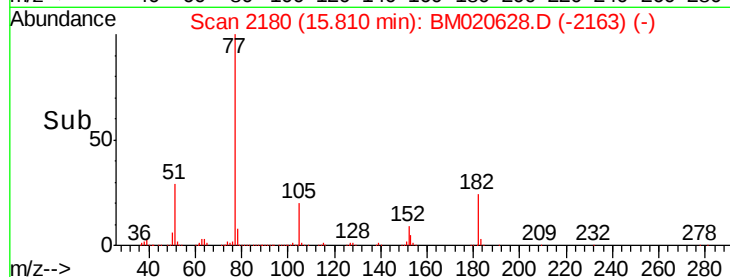
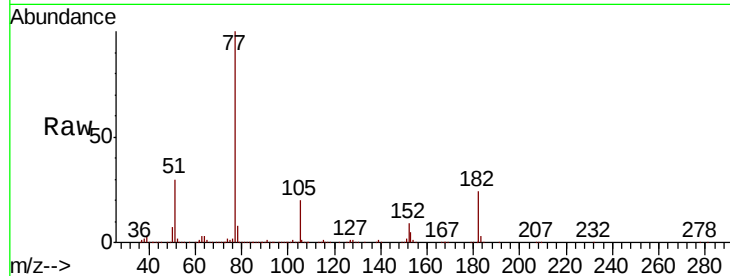
#63
Azobenzene
Concen: 51.938 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:	77	Resp:	2690045
Ion	Ratio	Lower	Upper
77	100		
182	23.5	3.6	43.6
105	20.0	0.0	39.4
51	29.5	9.5	49.5

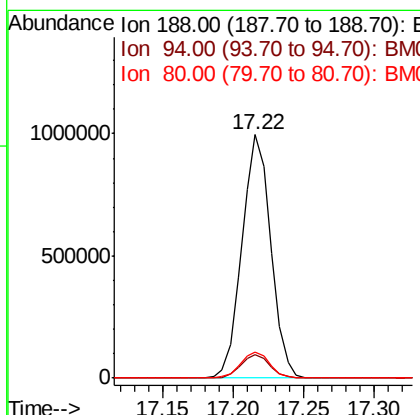
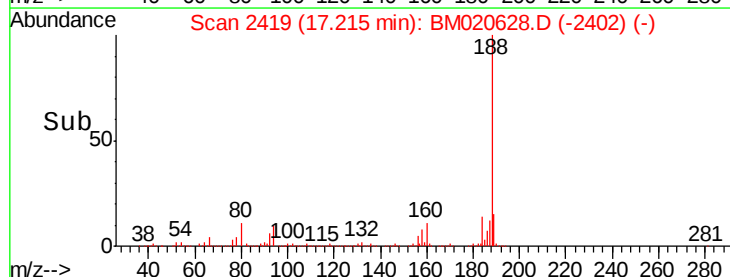
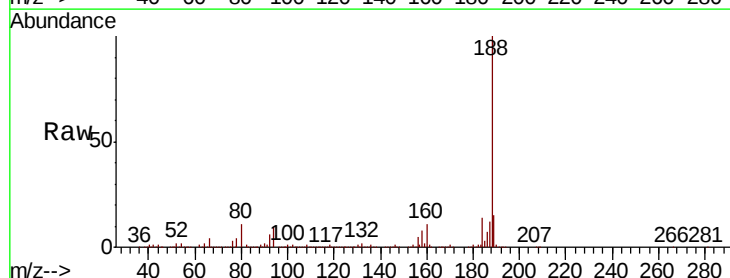
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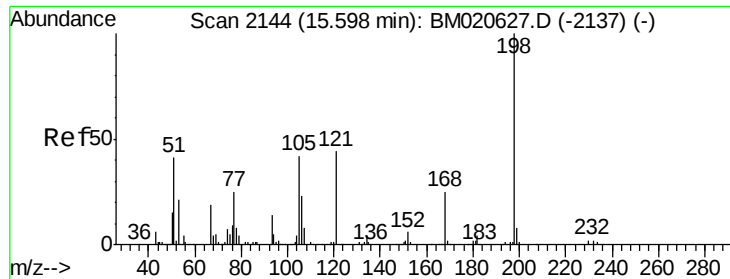
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion:	188	Resp:	1416106
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.8
80	10.8	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 63.255 ng

RT: 15.60 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:198 Resp: 307556

Ion Ratio Lower Upper

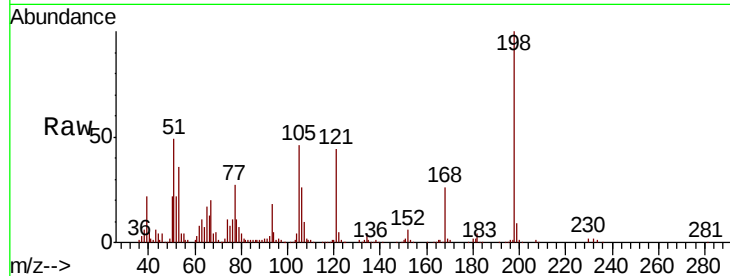
198 100

51 48.8 27.7 67.7

105 45.9 23.8 63.8

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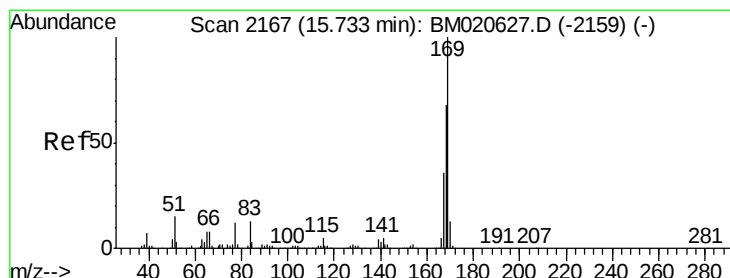
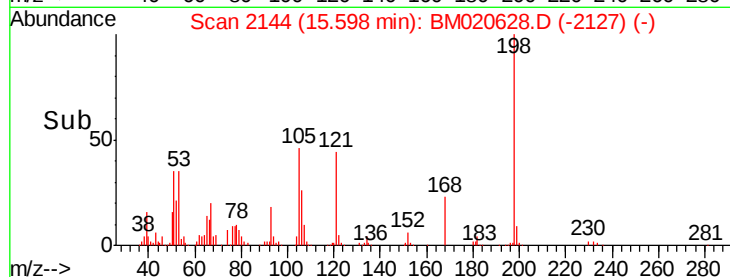
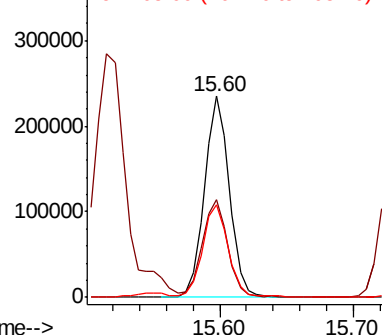
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.285 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

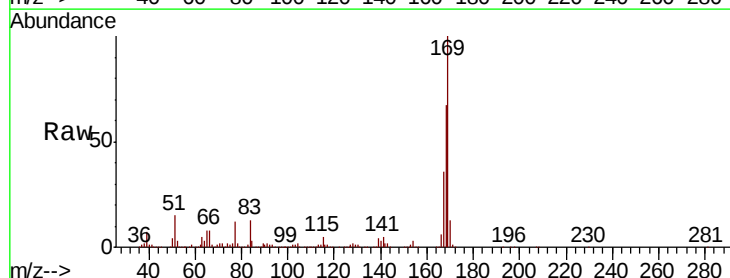
Tgt Ion:169 Resp: 2239267

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.4

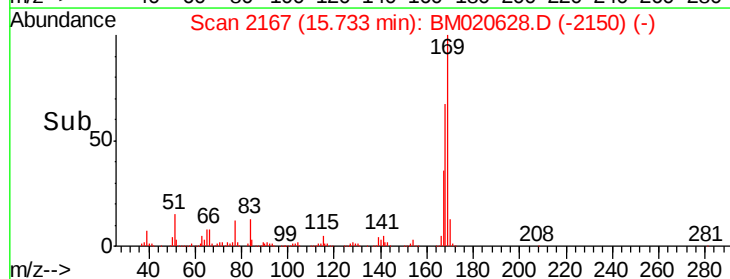
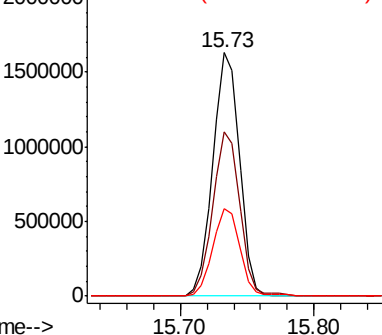
167 35.9 29.1 43.7

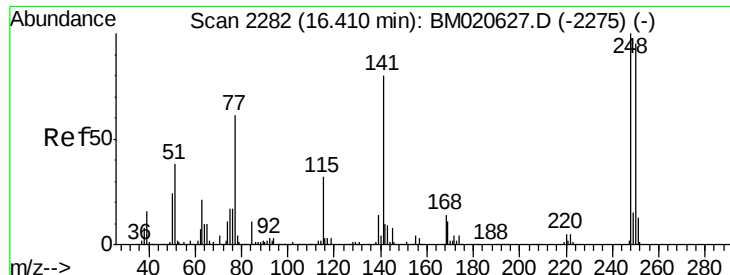


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





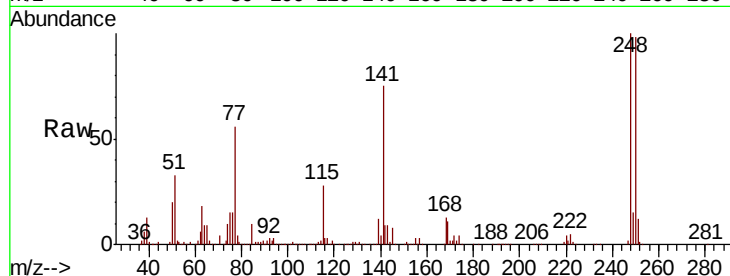
#67
4-Bromophenyl-phenylether
Concen: 47.295 ng
RT: 16.42 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.3	114.5
141	75.0	64.2	96.2

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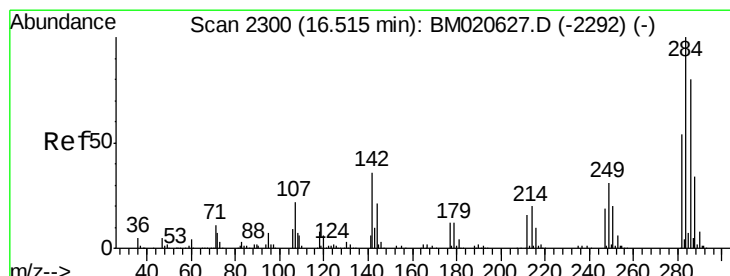
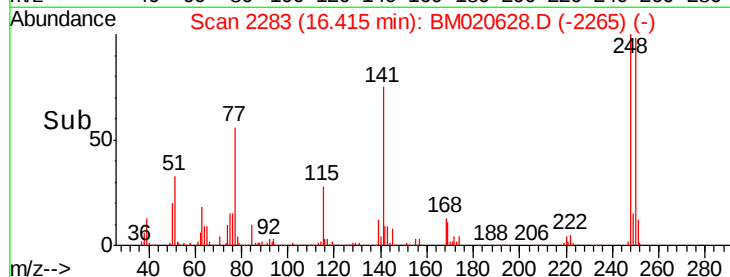
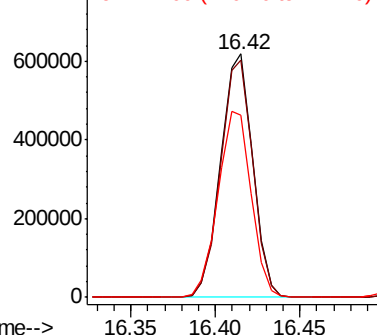


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.491 ng
RT: 16.52 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

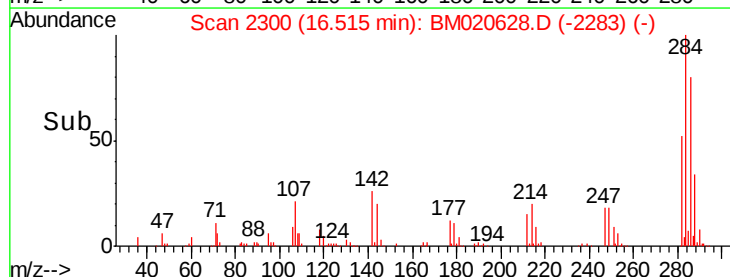
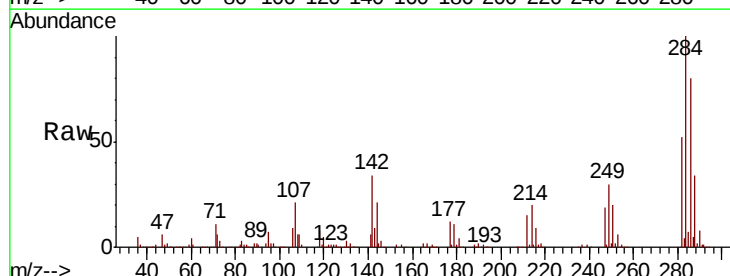
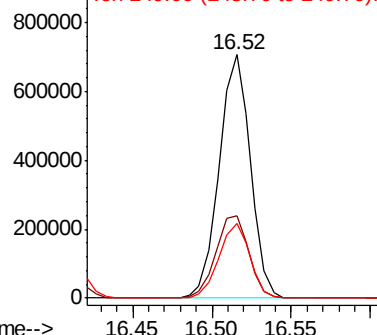
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	28.6	42.8
249	30.5	25.0	37.4

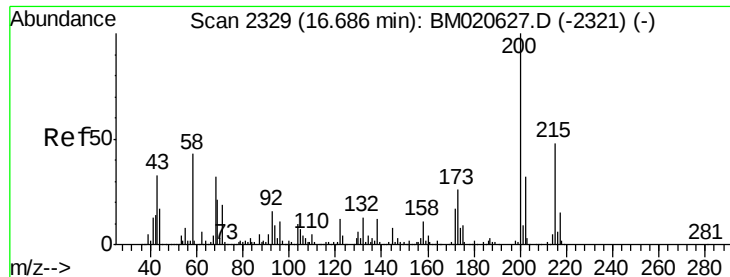
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





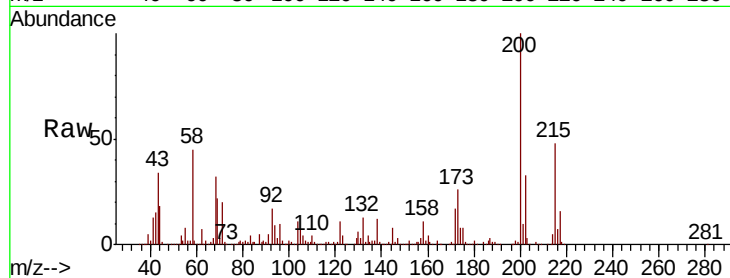
#69
Atrazine
Concen: 49.478 ng
RT: 16.69 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

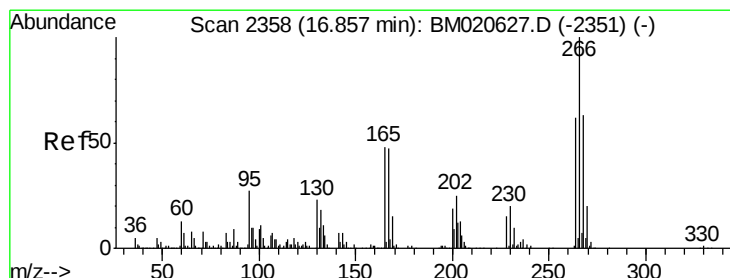
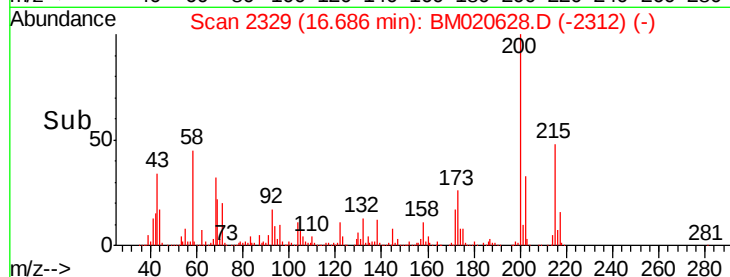
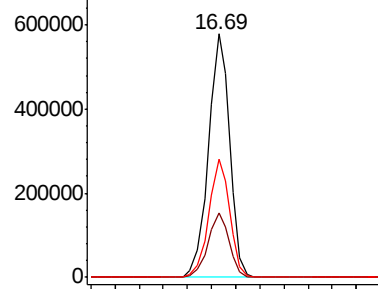
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	6.2	46.2
215	48.3	27.7	67.7

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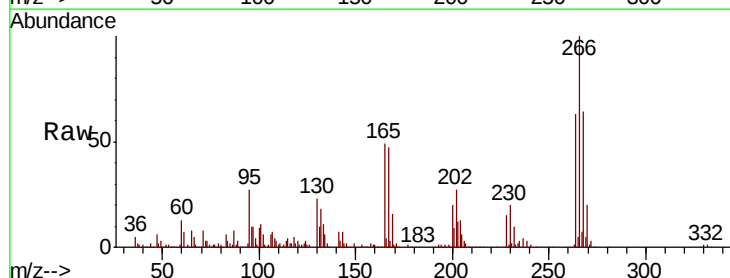


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

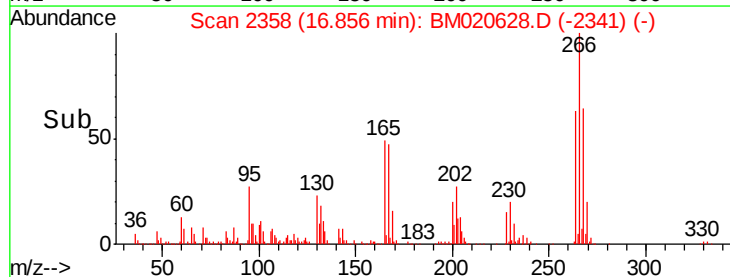
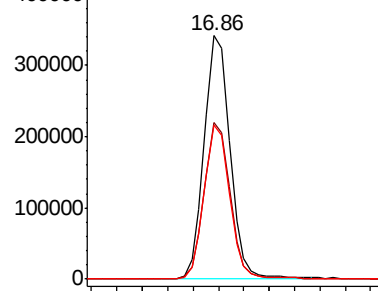


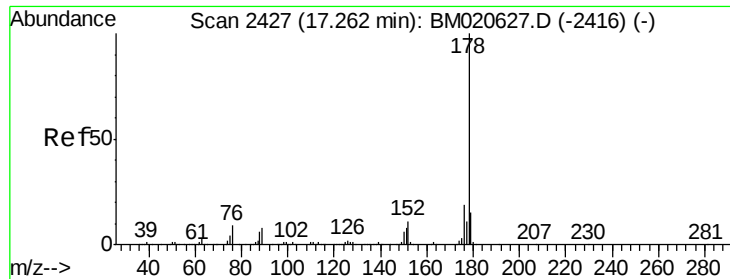
#70
Pentachlorophenol
Concen: 52.754 ng
RT: 16.86 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	50.6	75.8
264	63.0	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





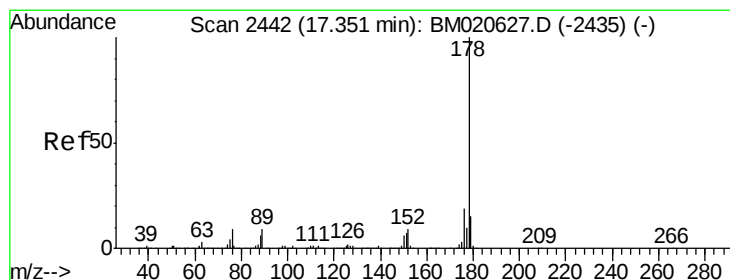
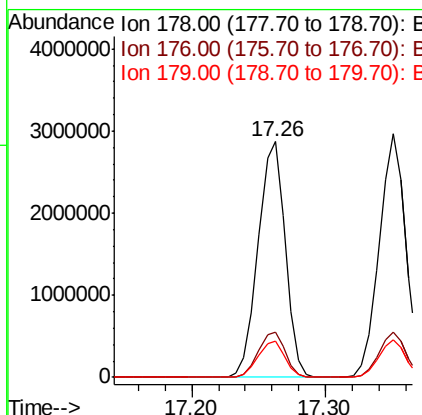
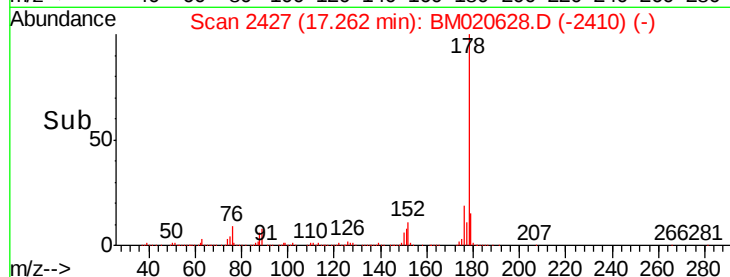
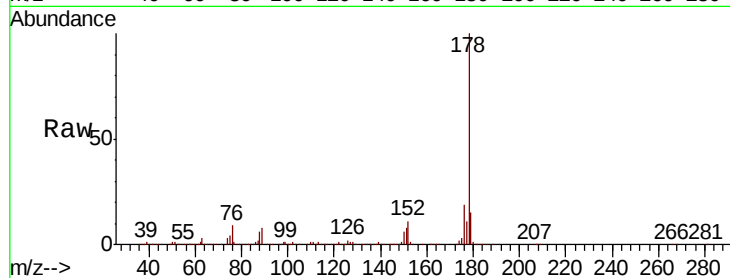
#71
Phenanthrene
Concen: 50.331 ng
RT: 17.26 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.4	12.2	18.4

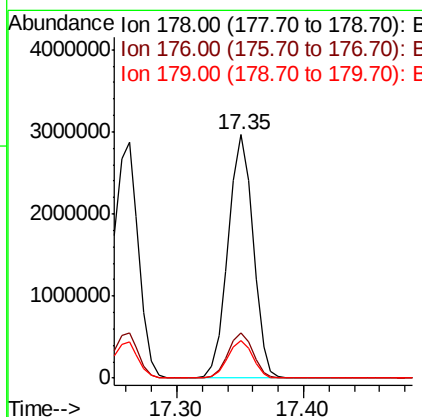
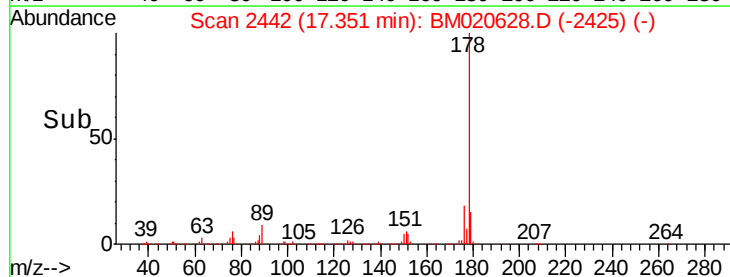
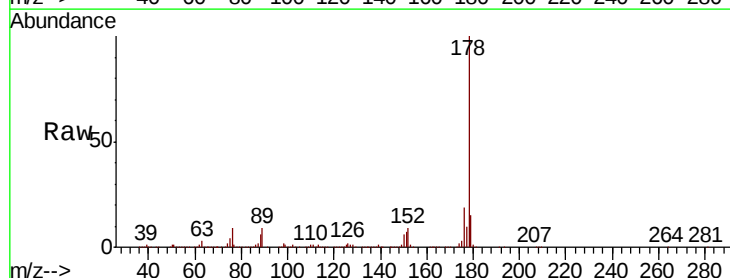
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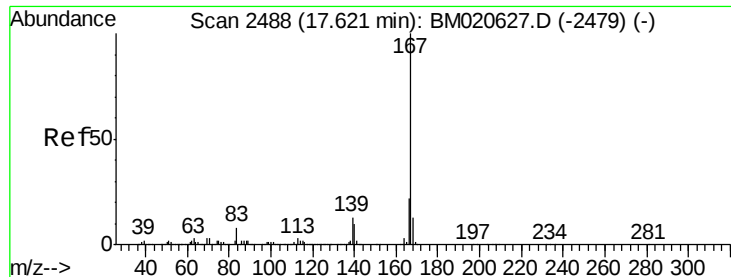
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#72
Anthracene
Concen: 50.384 ng
RT: 17.35 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.4	12.3	18.5





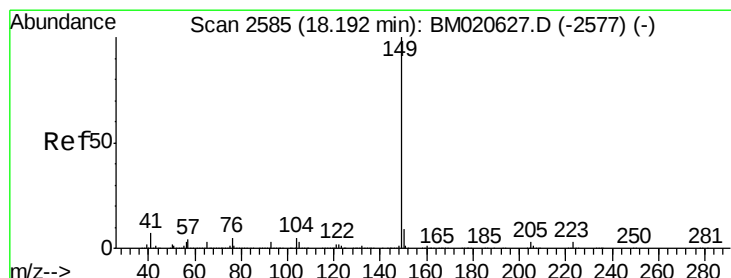
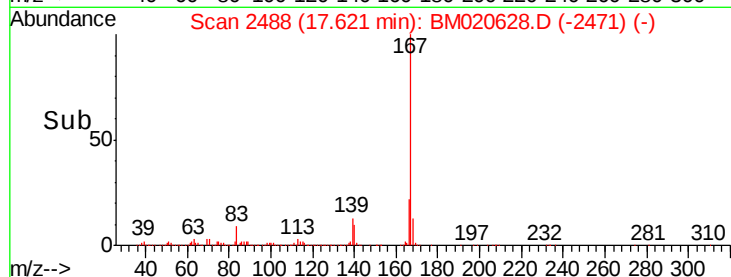
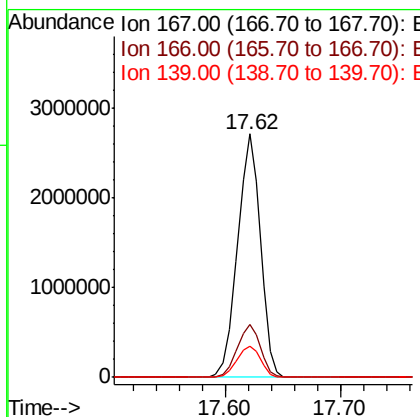
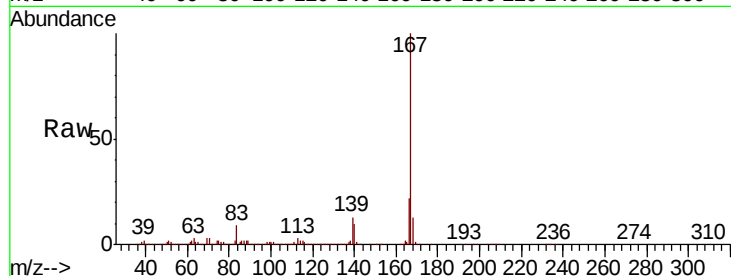
#73
 Carbazole
 Concen: 51.099 ng
 RT: 17.62 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.0	10.6	15.8

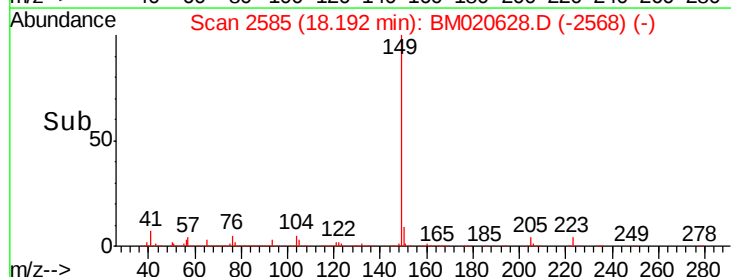
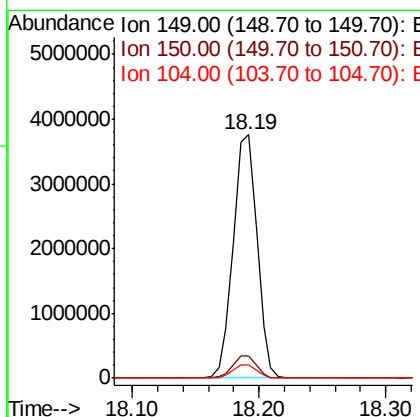
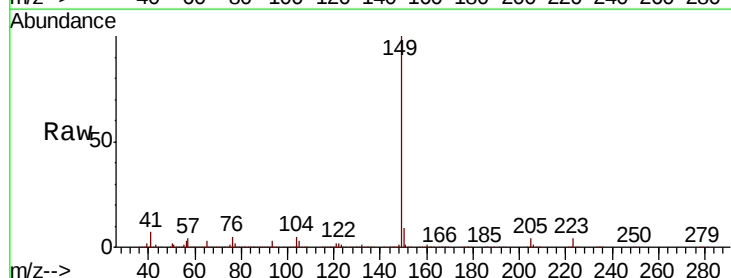
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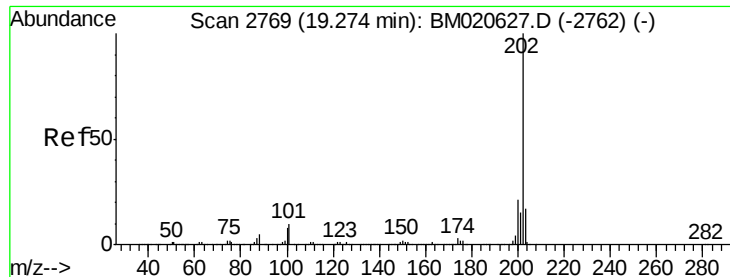
mohammad
 6/3/2019 8:48:35 AM



#74
 Di-n-butylphthalate
 Concen: 51.494 ng
 RT: 18.19 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 50.931 ng

RT: 19.27 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

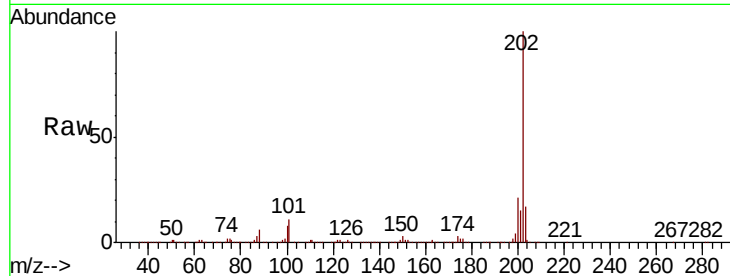
ClientSampleId :

SSTDICC050

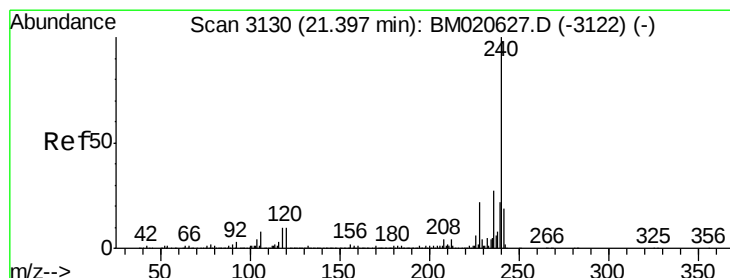
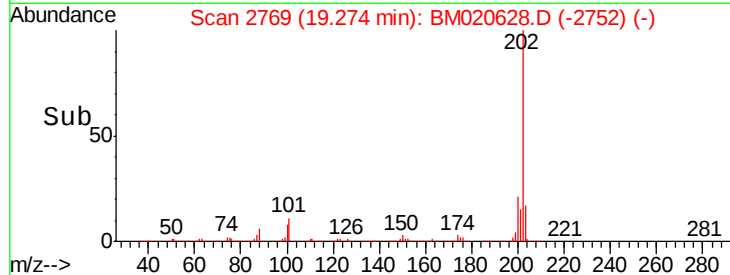
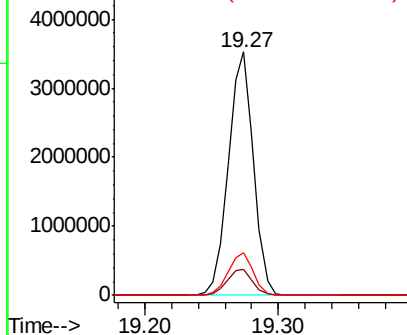
Tot Ion:	202	Resp:	4611695
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.4
203	17.4	0.0	37.3

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



#76

Chrysene-d12

Concen: 20.000 ng

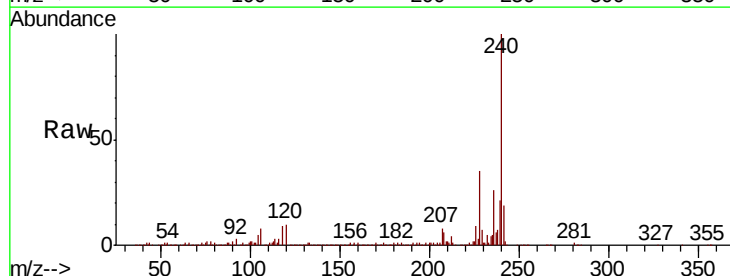
RT: 21.40 min Scan# 3130

Delta R.T. -0.00 min

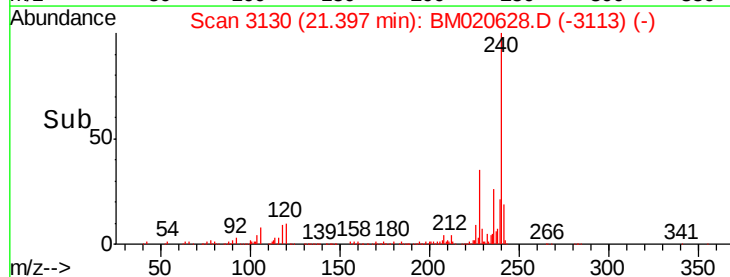
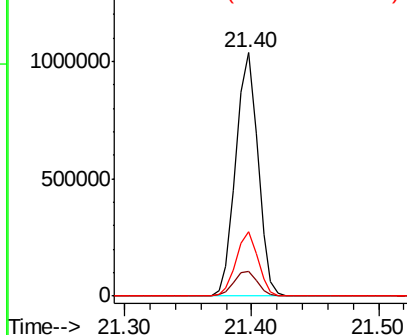
Lab File: BM020628.D

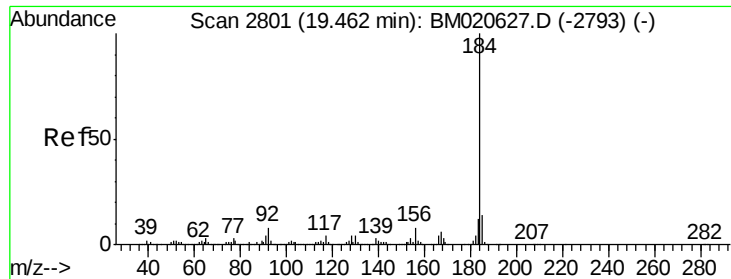
Acq: 31 May 2019 13:00

Tgt Ion:	240	Resp:	1251607
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	26.2	21.2	31.8



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





#77

Benzidine

Concen: 45.025 ng

RT: 19.46 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tot Ion:184 Resp: 1850989

Ion Ratio Lower Upper

184 100

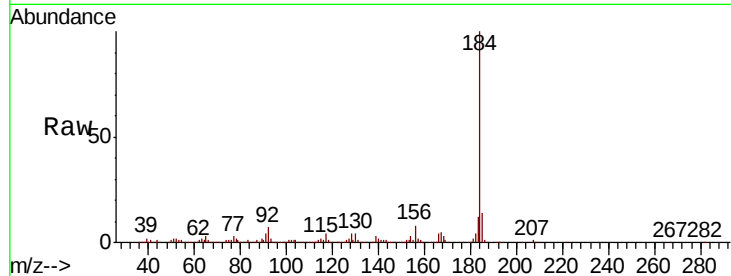
185 14.4 11.3 16.9

183 11.8 9.8 14.6

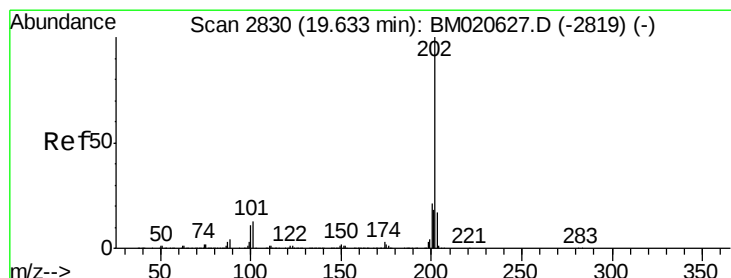
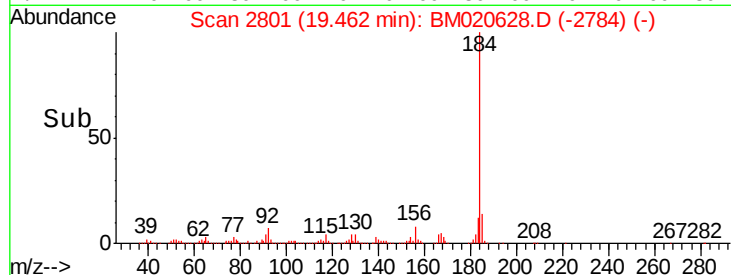
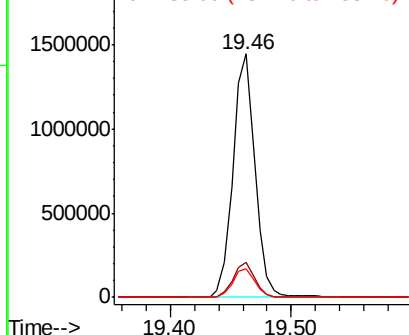
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
2000000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.008 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

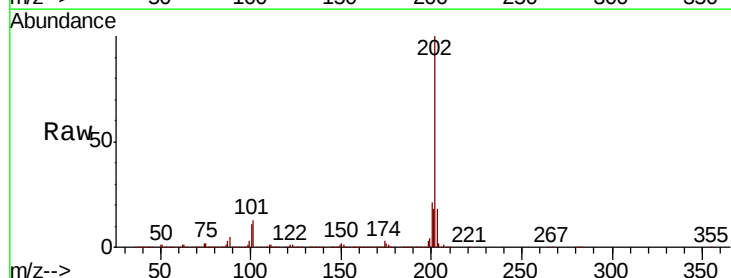
Tgt Ion:202 Resp: 4705141

Ion Ratio Lower Upper

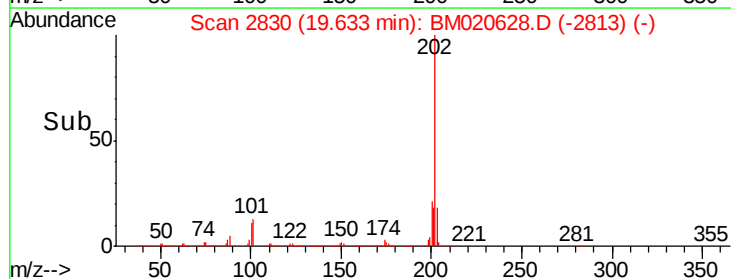
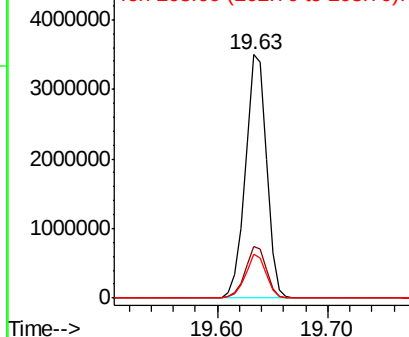
202 100

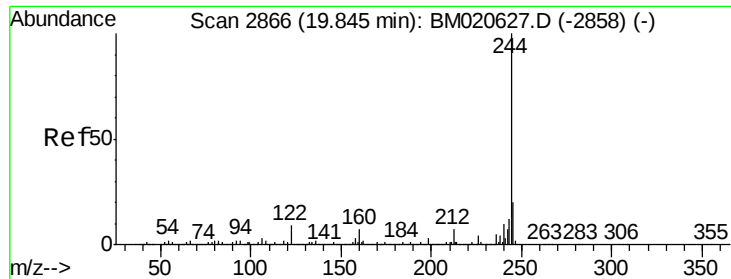
200 21.2 16.8 25.2

203 17.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
4000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





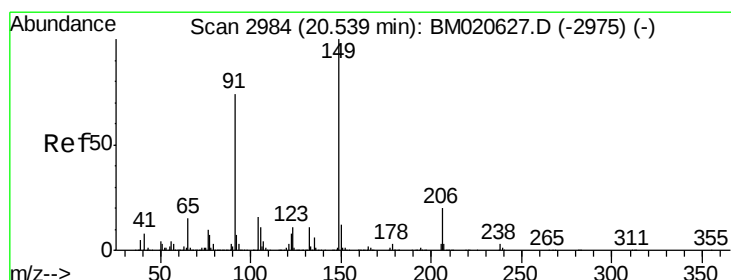
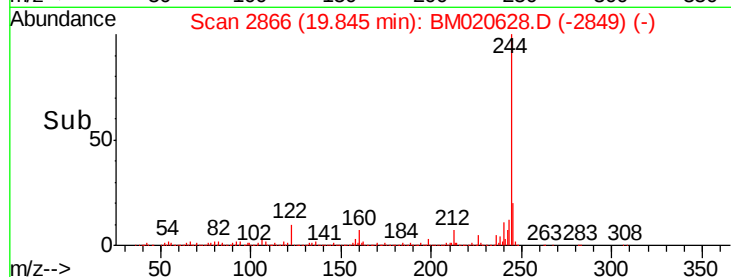
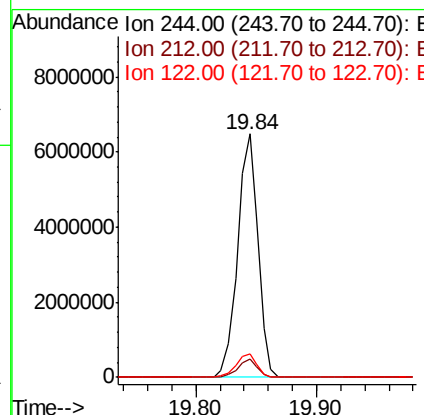
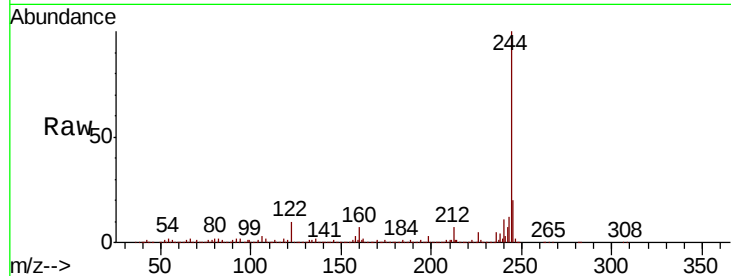
#79
 Terphenyl-d14
 Concen: 105.598 ng
 RT: 19.84 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	9.5	7.2	10.8

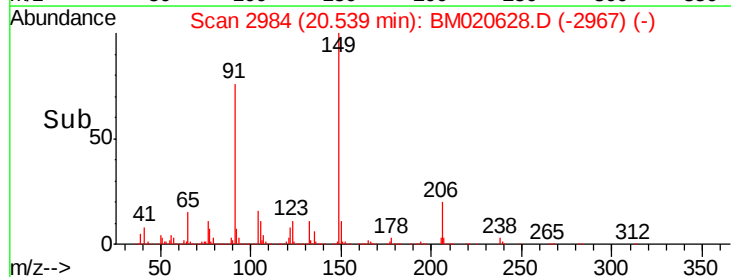
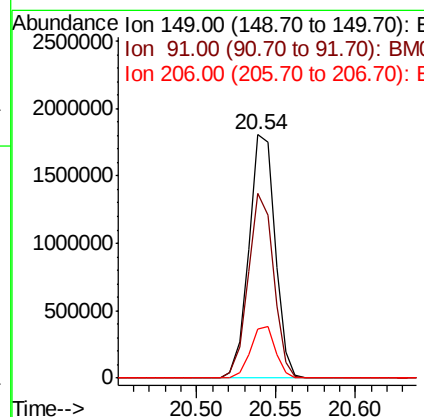
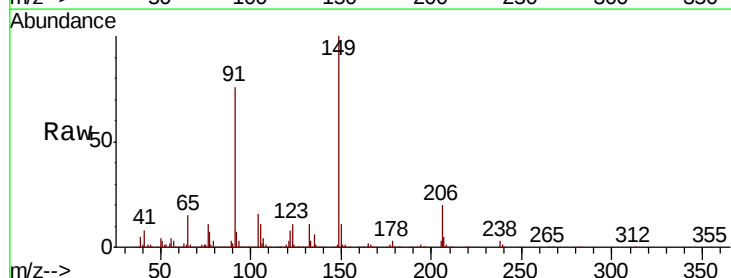
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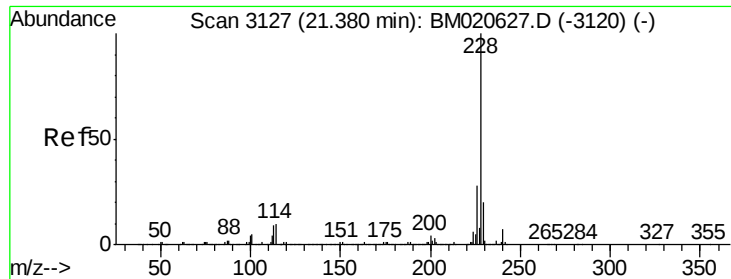
mohammad
 6/3/2019 8:48:35 AM



#80
 Butylbenzylphthalate
 Concen: 53.845 ng
 RT: 20.54 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: BM020628.D
 Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.7	59.6	89.4
206	20.0	15.7	23.5





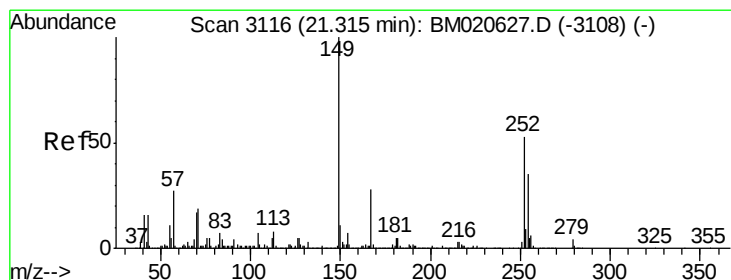
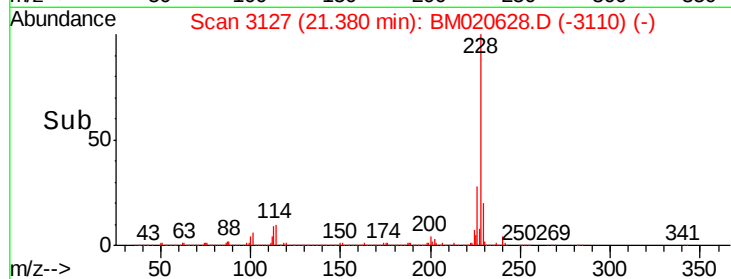
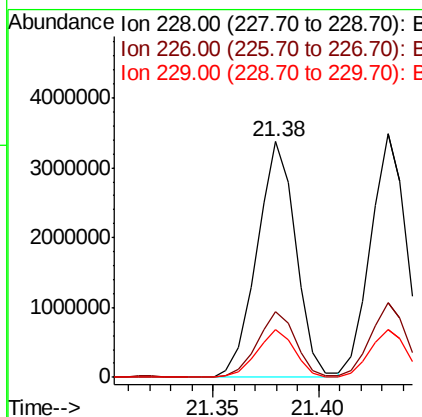
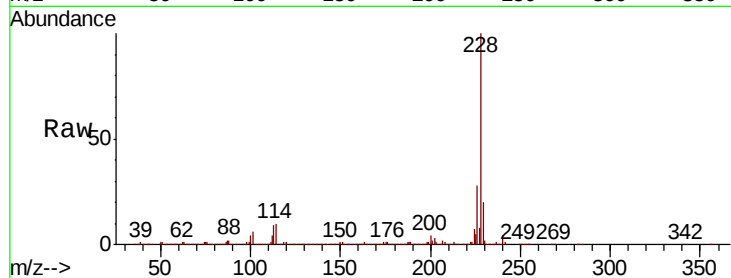
#81
Benzo(a)anthracene
Concen: 49.834 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.1	15.9	23.9

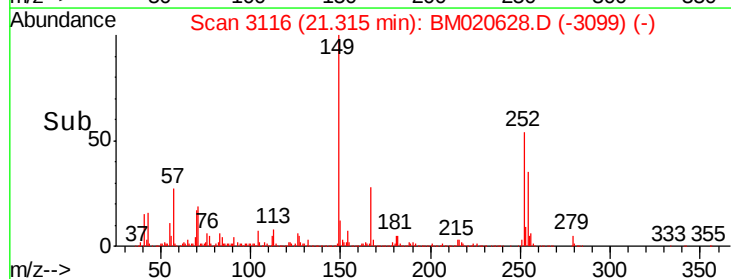
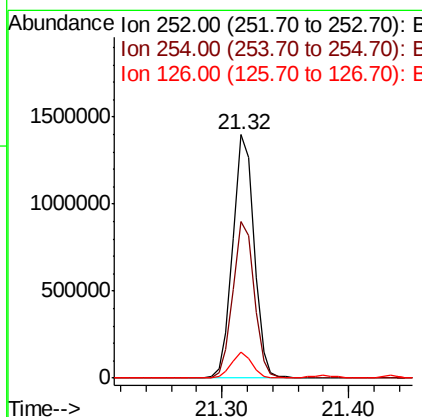
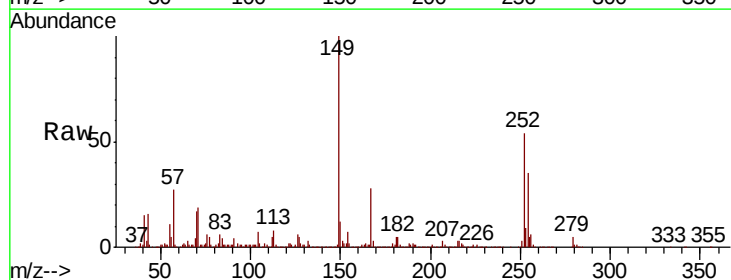
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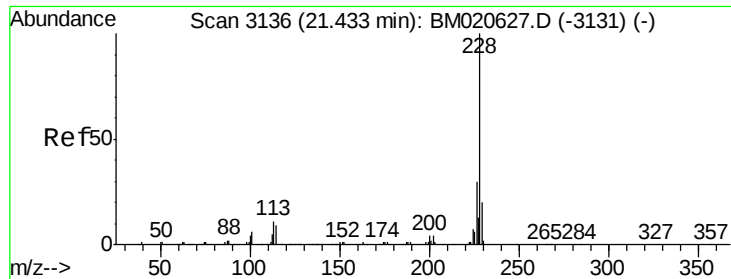
mohammad
6/3/2019 8:48:35 AM



#82
3,3'-Dichlorobenzidine
Concen: 49.261 ng
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	10.5	8.0	12.0





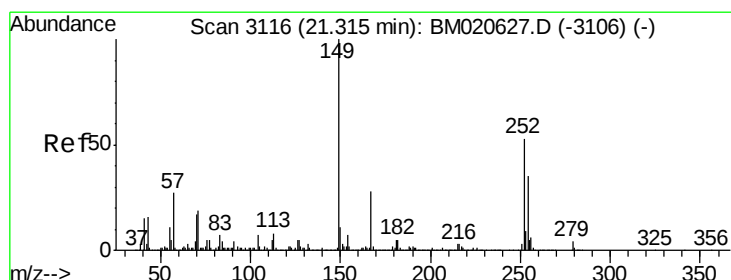
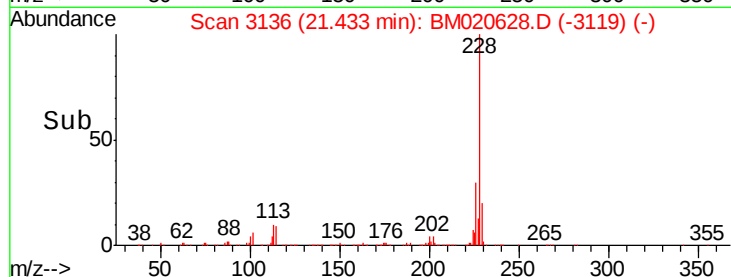
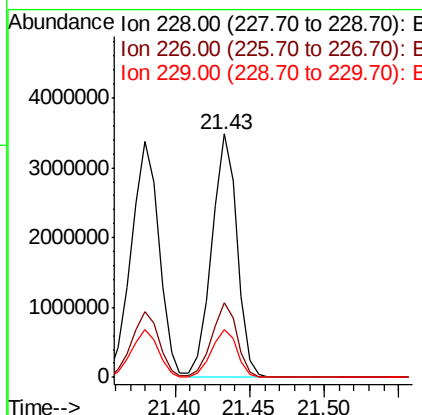
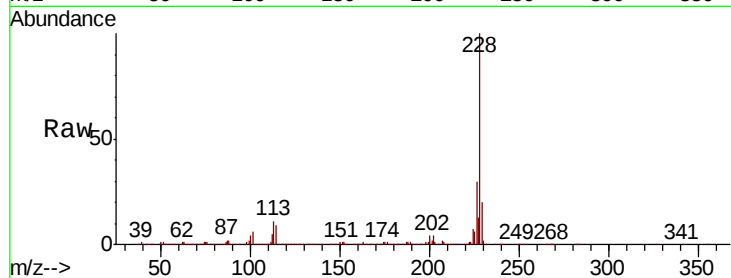
#83
Chrysene
Concen: 49.522 ng
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion:228 Resp: 4090158
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.8 15.8 23.6

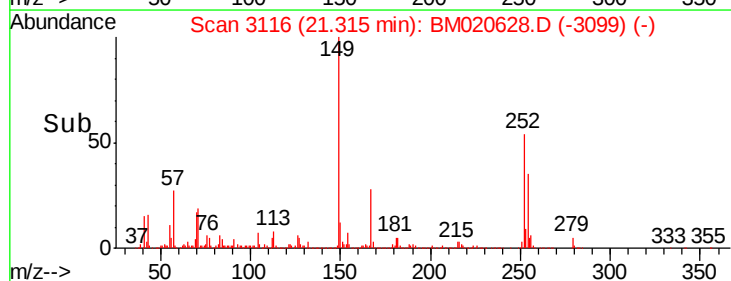
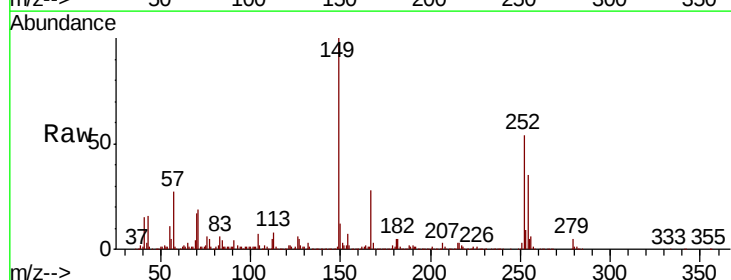
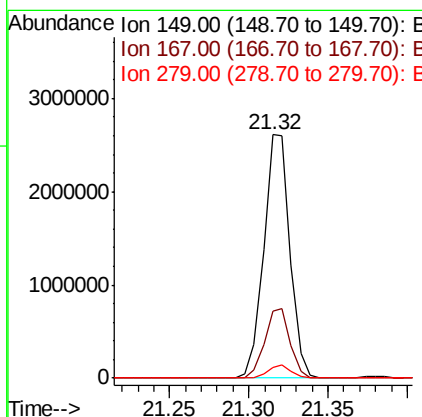
Manual Integrations
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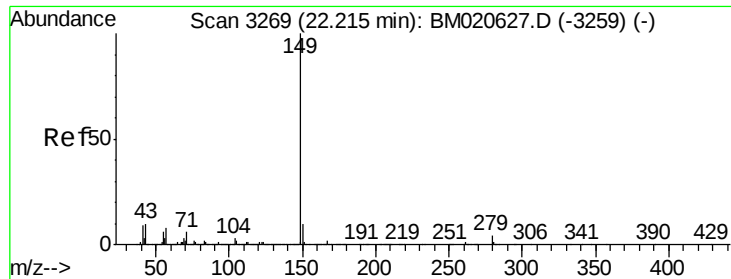
mohammad
6/3/2019 8:48:35 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.078 ng
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion:149 Resp: 3007308
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 50.479 ng

RT: 22.22 min Scan# 3270

Delta R.T. 0.01 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 4788570

Ion Ratio Lower Upper

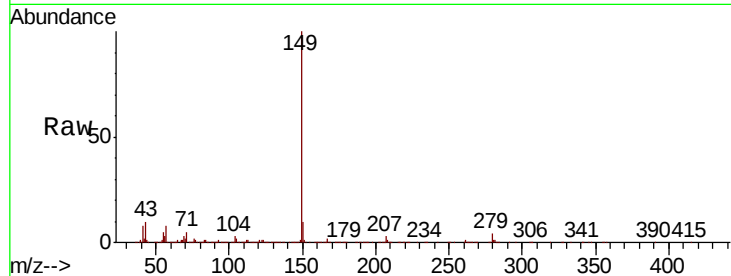
149 100

167 1.6 1.3 1.9

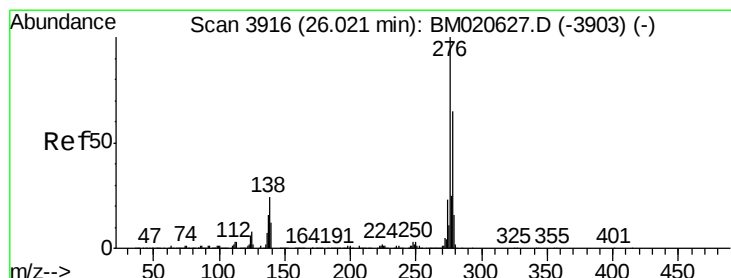
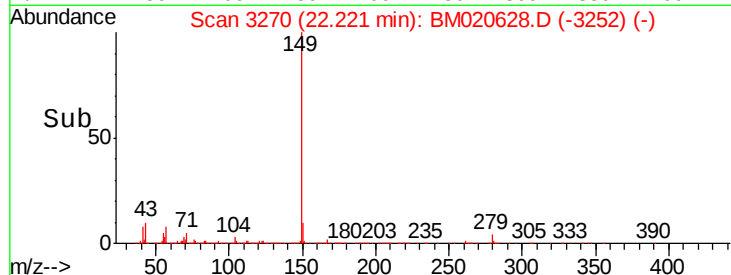
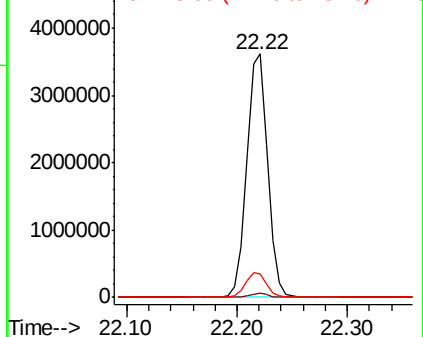
43 10.2 8.2 12.4

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 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.655 ng

RT: 26.02 min Scan# 3916

Delta R.T. -0.00 min

Lab File: BM020628.D

Acq: 31 May 2019 13:00

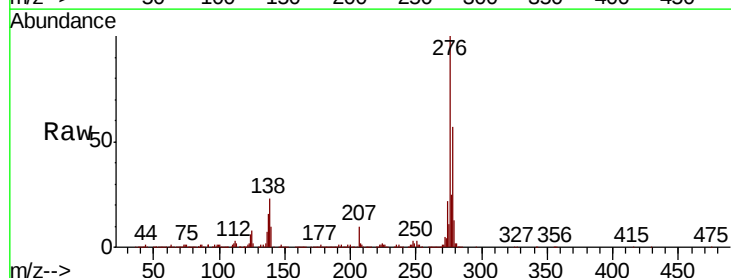
Tgt Ion:276 Resp: 3726843

Ion Ratio Lower Upper

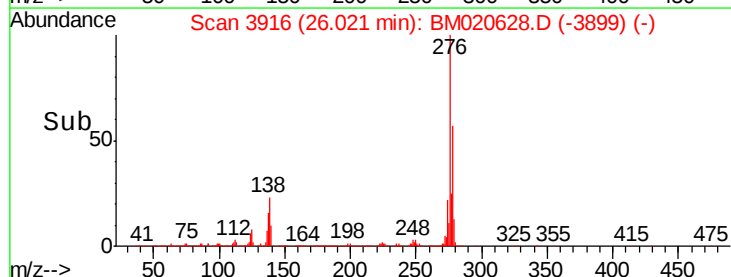
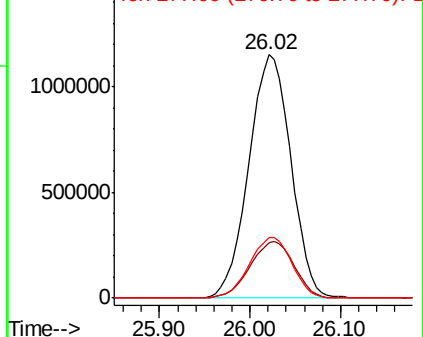
276 100

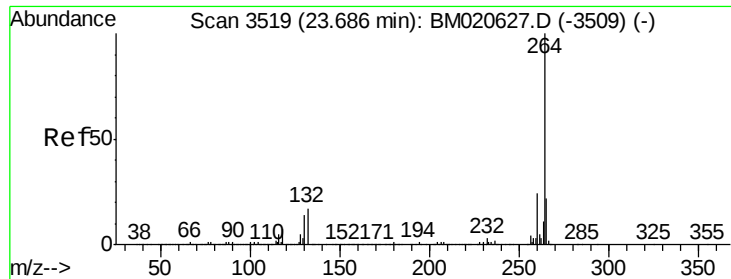
138 24.3 19.8 29.8

277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

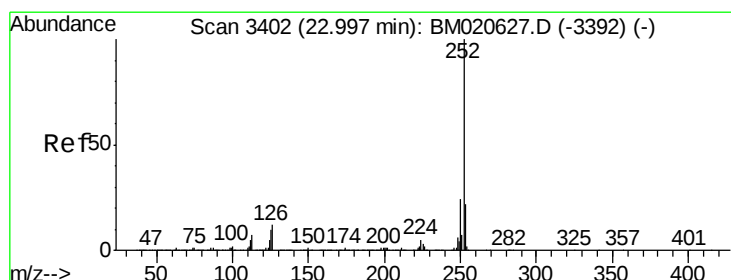
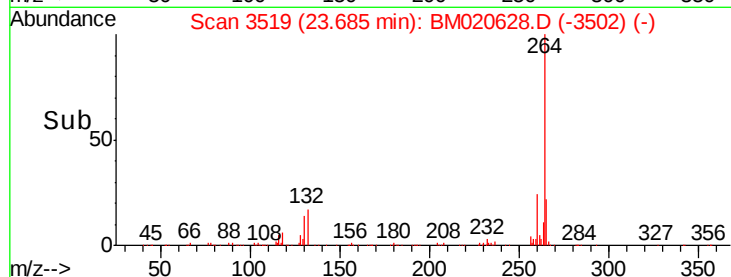
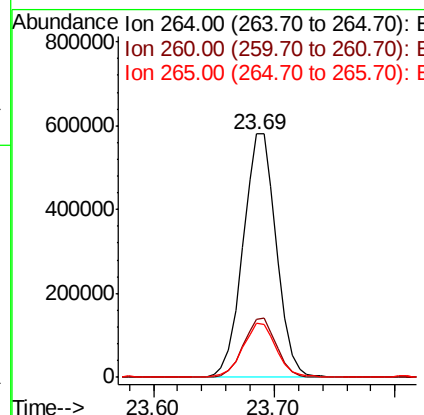
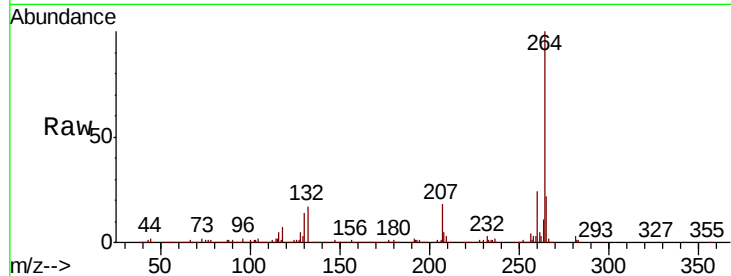
Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:264 Resp: 1114816

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.6	26.4

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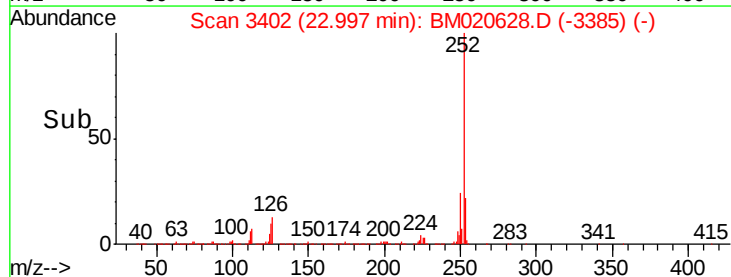
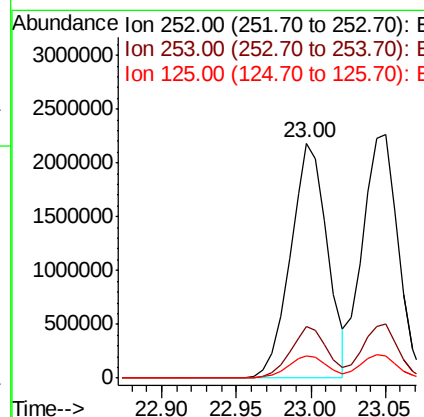
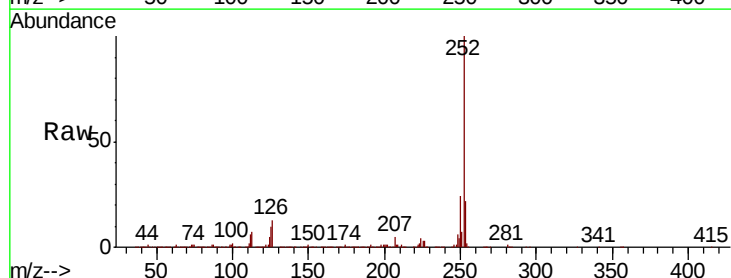
mohammad
6/3/2019 8:48:35 AM

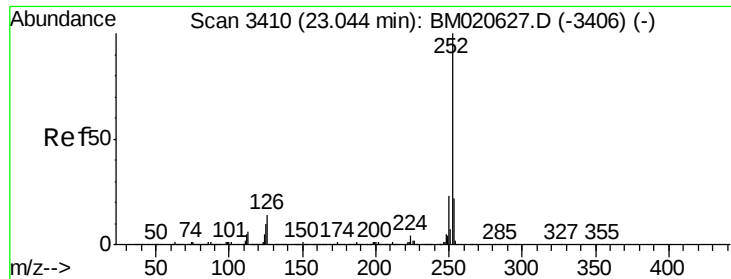


#88
Benzo(b)fluoranthene
Concen: 51.941 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion:252 Resp: 3760968

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.7	7.8	11.8





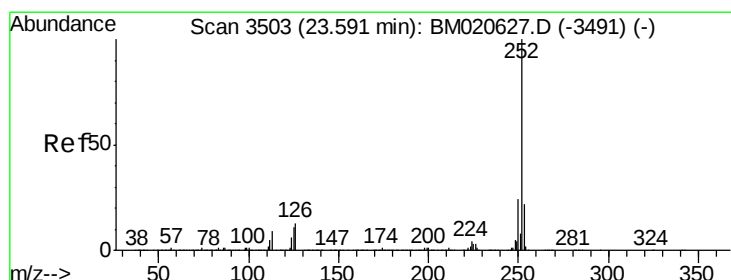
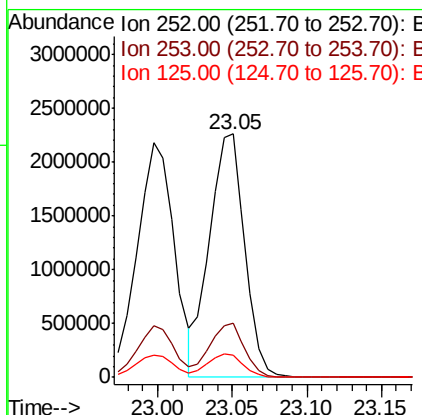
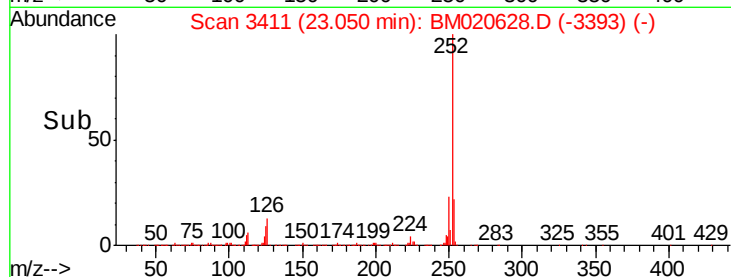
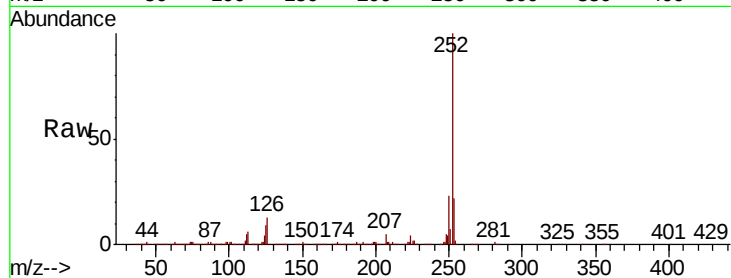
#89
Benzo(k)fluoranthene
Concen: 53.568 ng
RT: 23.05 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:252 Resp: 3714374
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.9 7.8 11.8

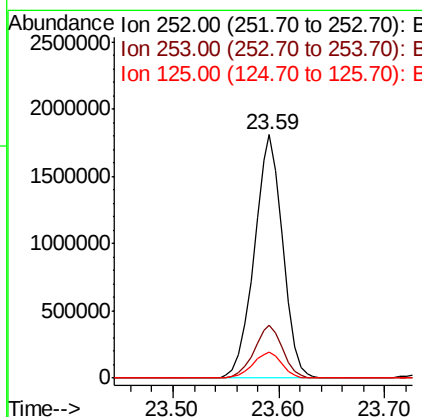
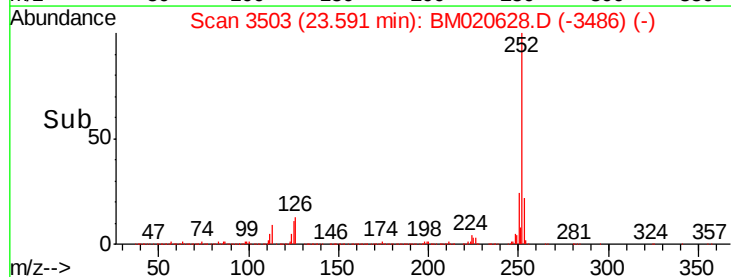
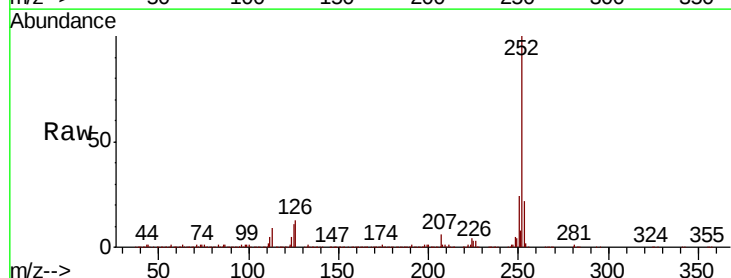
Manual Integrations
APPROVED

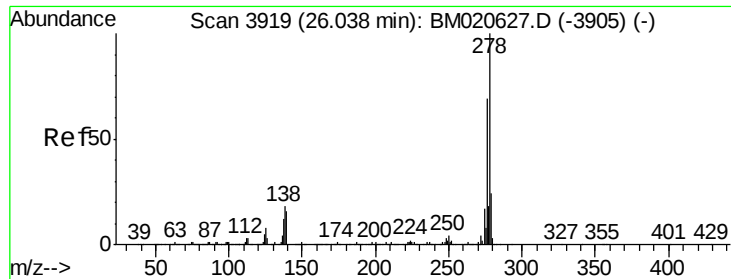
mohammad
6/3/2019 8:48:35 AM



#90
Benzo(a)pyrene
Concen: 50.747 ng
RT: 23.59 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion:252 Resp: 3377122
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.7 8.6 13.0





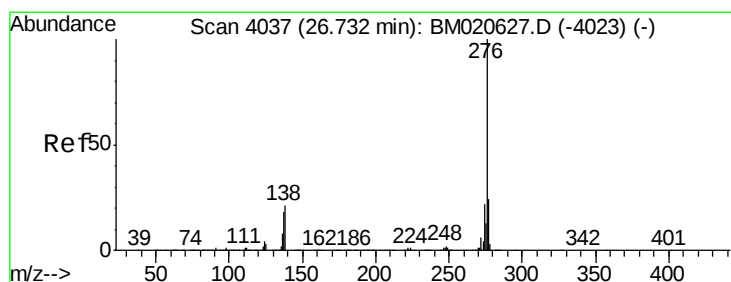
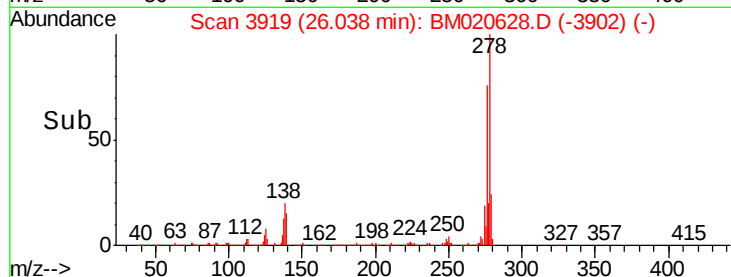
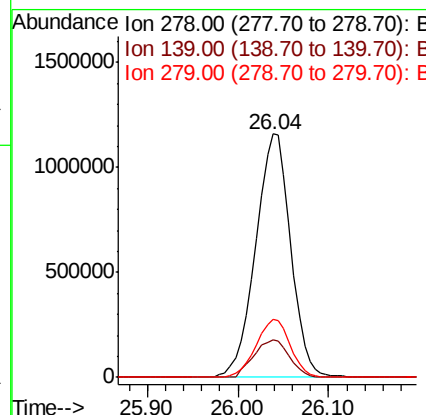
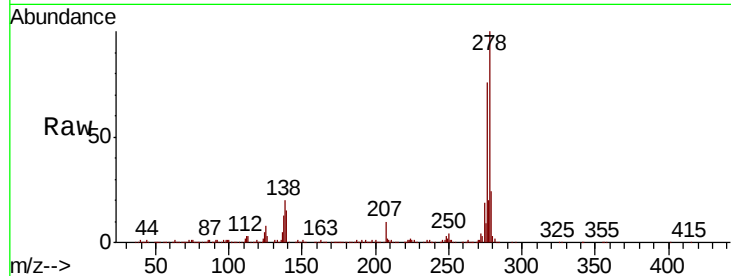
#91
Dibenzo(a,h)anthracene
Concen: 46.188 ng
RT: 26.04 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	18.8
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
6/3/2019 8:48:35 AM



#92
Benzo(g,h,i)perylene
Concen: 45.011 ng
RT: 26.73 min Scan# 4037
Delta R.T. -0.00 min
Lab File: BM020628.D
Acq: 31 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.4	17.0	25.4

