

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020567.D
 Acq On : 25 May 2019 06:56
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 5/28/2019 8:41:37 AM

Quant Time: May 27 03:57:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	107372	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	420474	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	285107	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	675600	20.00	ng	0.00
76) Chrysene-d12	21.27	240	537056	20.00	ng	0.00
87) Perylene-d12	23.51	264	591004	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	429557	78.49	ng	0.00
7) Phenol-d6	6.85	99	645963	78.20	ng	0.00
23) Nitrobenzene-d5	8.84	82	788659	78.73	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	411237	72.00	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1874475	82.50	ng	0.00
79) Terphenyl-d14	19.71	244	2897533	97.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	100590	35.122	ng	98
3) Pyridine	3.58	79	303188	36.056	ng	98
4) n-Nitrosodimethylamine	3.50	42	73109	35.995	ng	# 94
6) Aniline	7.00	93	453034	37.912	ng	98
8) 2-Chlorophenol	7.23	128	263541	39.378	ng	99
9) Benzaldehyde	6.82	77	211112	40.030	ng	97
10) Phenol	6.87	94	344612	38.632	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	253695	38.110	ng	99
12) 1,3-Dichlorobenzene	7.55	146	343202	40.043	ng	99
13) 1,4-Dichlorobenzene	7.70	146	340460	39.741	ng	98
14) 1,2-Dichlorobenzene	8.01	146	340186	39.609	ng	98
15) Benzyl Alcohol	7.92	79	279935m	36.621	ng	
16) 2,2'-oxybis(1-Chloropropan	8.19	45	180573	38.919	ng	95
17) 2-Methylphenol	8.11	107	225681	38.322	ng	99
18) Hexachloroethane	8.72	117	100959	29.092	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	267233	36.432	ng	99
20) 3+4-Methylphenols	8.45	107	299535	37.927	ng	98
22) Acetophenone	8.50	105	442236	38.194	ng	99
24) Nitrobenzene	8.88	77	380046	38.414	ng	99
25) Isophorone	9.40	82	700230	37.565	ng	100
26) 2-Nitrophenol	9.58	139	116732	31.977	ng	97
27) 2,4-Dimethylphenol	9.64	122	208482	38.338	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	377133	38.866	ng	99
29) 2,4-Dichlorophenol	10.11	162	291336	40.281	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	402732	40.724	ng	97
31) Naphthalene	10.50	128	865011	39.843	ng	99
32) Benzoic acid	9.83	122	122723	36.804	ng	91
33) 4-Chloroaniline	10.63	127	333262	38.459	ng	98
34) Hexachlorobutadiene	10.76	225	302797	41.183	ng	98
35) Caprolactam	11.47	113	79936	33.581	ng	93
36) 4-Chloro-3-methylphenol	11.76	107	301456	38.301	ng	96
37) 2-Methylnaphthalene	12.12	142	644866	38.880	ng	98
38) 1-Methylnaphthalene	12.35	142	620116	38.588	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	508109	42.395	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	19127	11.241	nq	97
43) 2,4,6-Trichlorophenol	12.75	196	309171	41.684	nq	99
44) 2,4,5-Trichlorophenol	12.82	196	298160	43.048	nq	99
46) 1,1'-Biphenyl	13.15	154	896911	40.847	nq	100
47) 2-Chloronaphthalene	13.19	162	768316	41.276	nq	98
48) 2-Nitroaniline	13.42	65	238570	41.706	nq	98
49) Acenaphthylene	14.05	152	1126946	39.811	nq	99
50) Dimethylphthalate	13.79	163	955221	37.825	nq	100
51) 2,6-Dinitrotoluene	13.93	165	193852	36.830	nq	100
52) Acenaphthene	14.39	154	682416	40.004	nq	99
53) 3-Nitroaniline	14.26	138	181155	39.718	nq	98
54) 2,4-Dinitrophenol	14.49	184	6631	12.594	nq	# 76
55) Dibenzofuran	14.73	168	1145816	38.816	nq	100
56) 4-Nitrophenol	14.59	139	105224	35.817	nq	94
57) 2,4-Dinitrotoluene	14.72	165	261878	34.455	nq	95
58) Fluorene	15.37	166	944846	38.532	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	300956	37.343	nq	98
60) Diethylphthalate	15.15	149	936729	37.648	nq	100
61) 4-Chlorophenyl-phenylether	15.37	204	611765	39.079	nq	99
62) 4-Nitroaniline	15.43	138	164372	37.152	nq	99
63) Azobenzene	15.66	77	918253	37.927	nq	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	17016	9.786	nq	96
66) n-Nitrosodiphenylamine	15.59	169	793399	43.311	nq	97
67) 4-Bromophenyl-phenylether	16.27	248	392940	43.660	nq	99
68) Hexachlorobenzene	16.37	284	460387	42.190	nq	98
69) Atrazine	16.55	200	298970	39.667	nq	99
70) Pentachlorophenol	16.73	266	212547	37.709	nq	99
71) Phenanthrene	17.12	178	1448624	39.470	nq	100
72) Anthracene	17.21	178	1389726	39.045	nq	99
73) Carbazole	17.49	167	1148934	37.614	nq	100
74) Di-n-butylphthalate	18.04	149	1567353	41.713	nq	100
75) Fluoranthene	19.14	202	1621240	31.765	nq	100
77) Benzidine	19.34	184	650258	65.884	nq	99
78) Pyrene	19.50	202	1585804	47.033	nq	100
80) Butylbenzylphthalate	20.40	149	564824	47.678	nq	97
81) Benzo(a)anthracene	21.25	228	1463657	39.377	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	594524	43.822	nq	98
83) Chrysene	21.31	228	1429303	39.795	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	797329	46.178	nq	98
85) Di-n-octyl phthalate	22.04	149	1259075	41.946	nq	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	1712277	39.429	nq	99
88) Benzo(b)fluoranthene	22.83	252	1476827	38.179	nq	100
89) Benzo(k)fluoranthene	22.88	252	1451956	38.675	nq	99
90) Benzo(a)pyrene	23.42	252	1383769	38.874	nq	99
91) Dibenzo(a,h)anthracene	25.80	278	1447430	39.724	nq	98
92) Benzo(g,h,i)perylene	26.49	276	1359501	40.250	nq	99

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

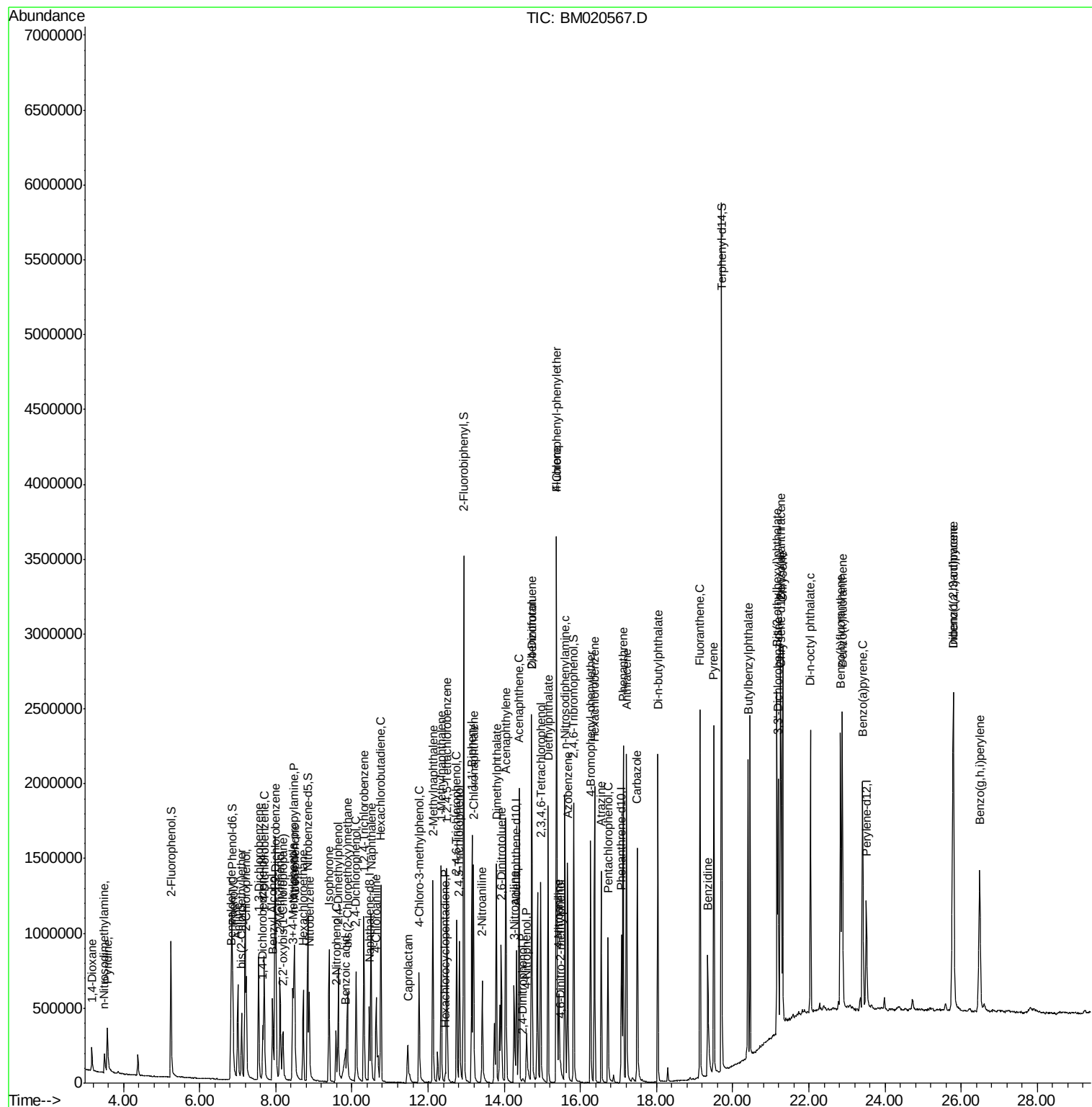
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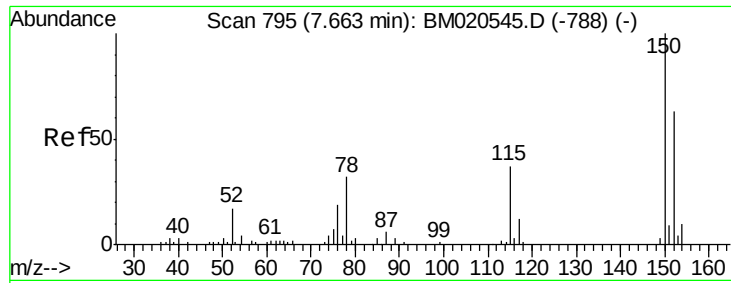
Instrument :
BNA_M
Client Sampled :
SSTDCCC040EC

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#1

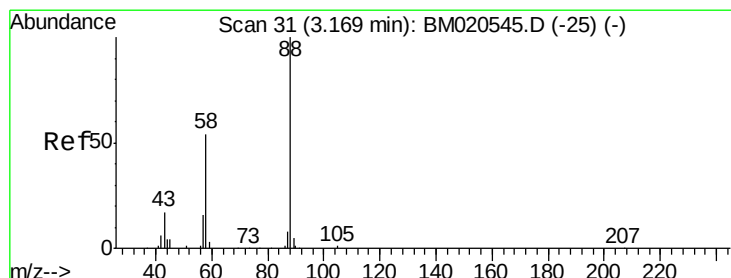
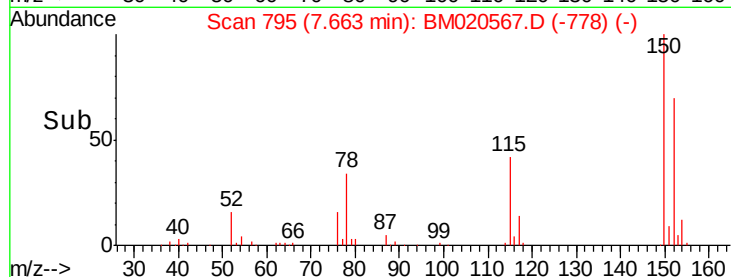
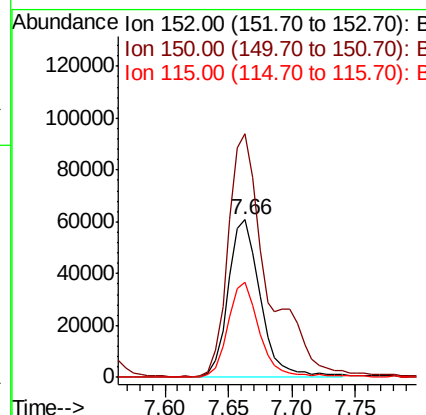
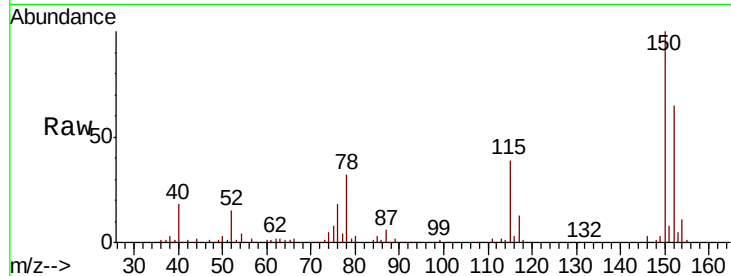
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	190.0
115	60.2	46.6	70.0

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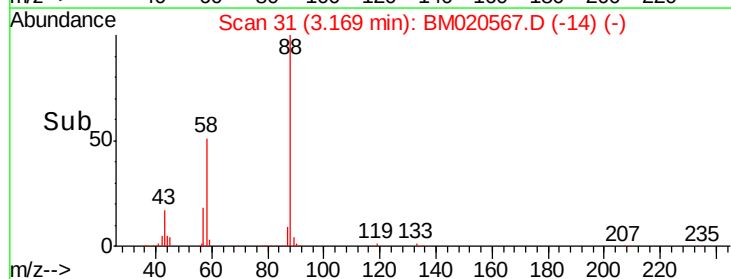
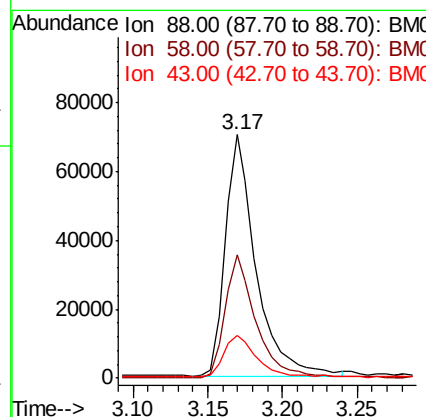
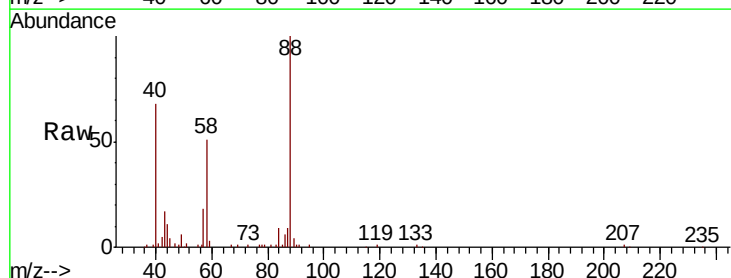
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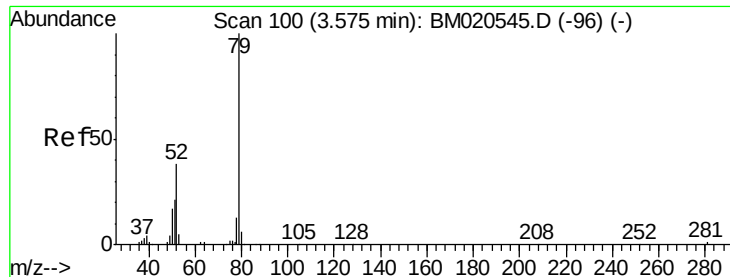


#2

1,4-Dioxane
Concen: 35.122 ng
RT: 3.17 min Scan# 31
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.0	42.3	63.5
43	18.3	16.0	24.0





#3

Pvridine

Concen: 36.056 ng

RT: 3.58 min Scan# 100

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

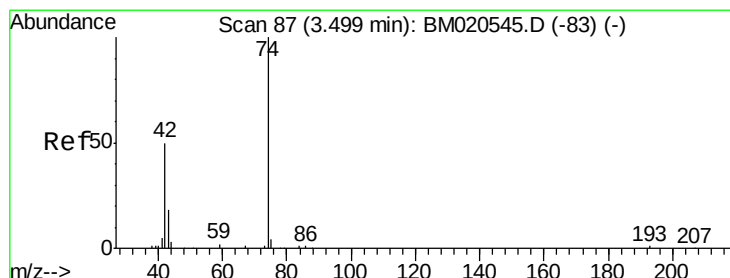
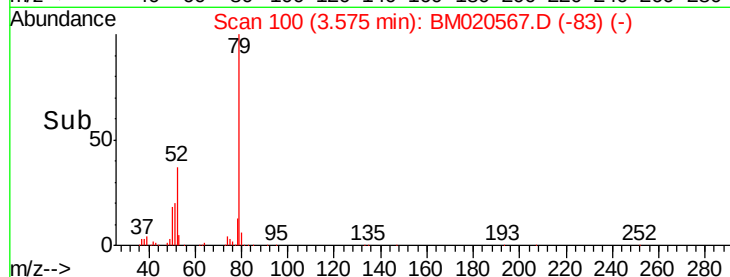
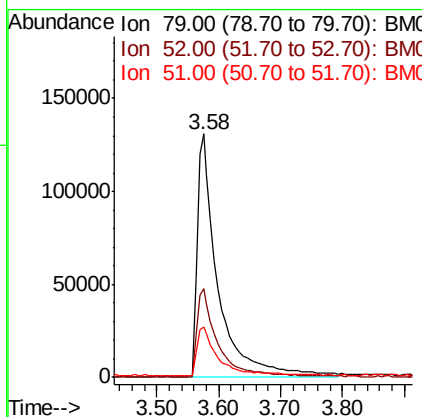
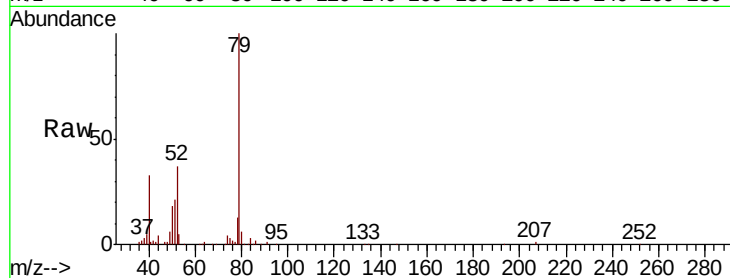
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	303188
Ion	Ratio	Lower	Upper
79	100		
52	36.7	30.1	45.1
51	20.6	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 35.995 ng

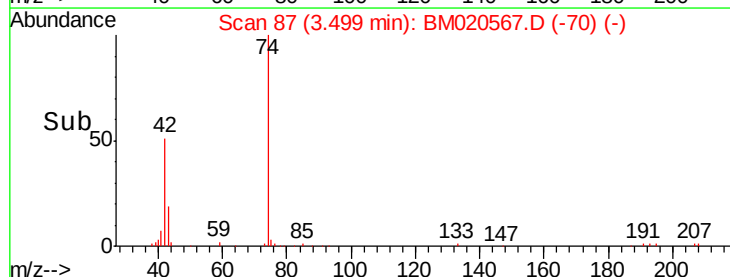
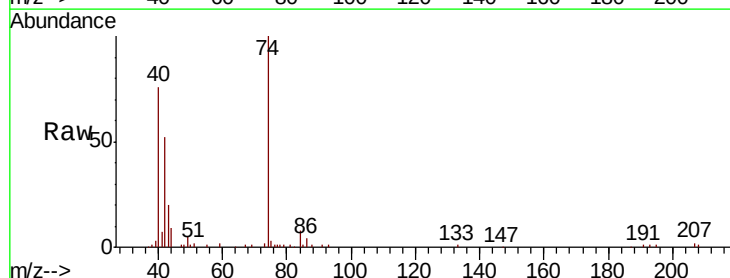
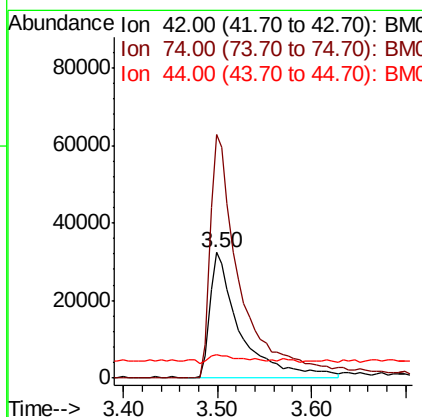
RT: 3.50 min Scan# 87

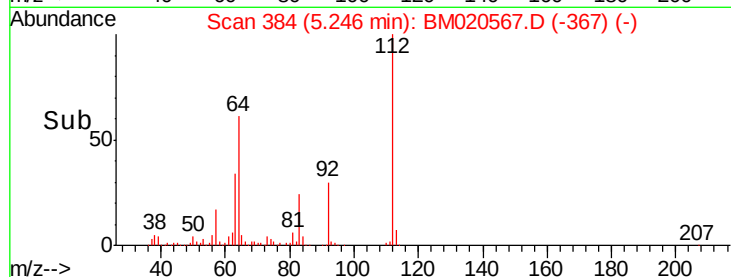
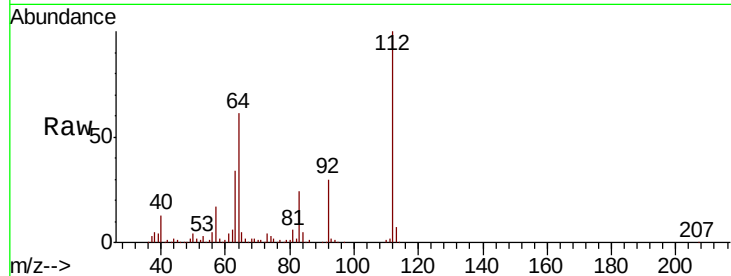
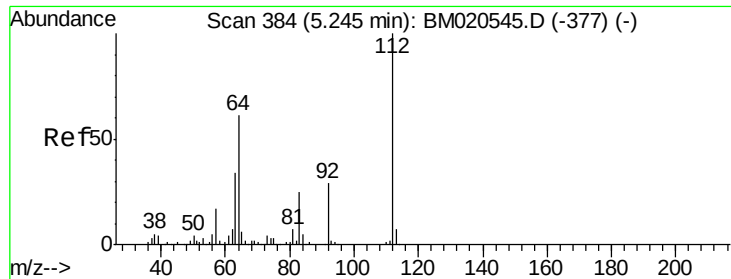
Delta R.T. 0.00 min

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Tgt Ion:	42	Resp:	73109
Ion	Ratio	Lower	Upper
42	100		
74	193.9	161.1	241.7
44	18.2	20.9	31.3





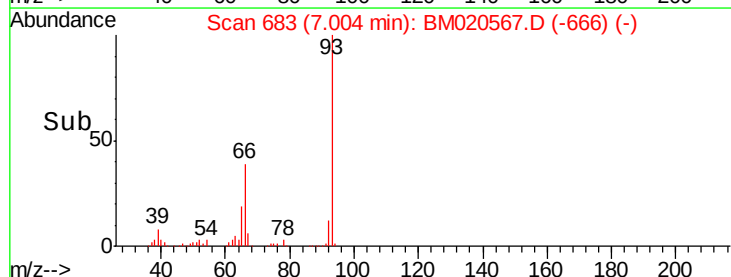
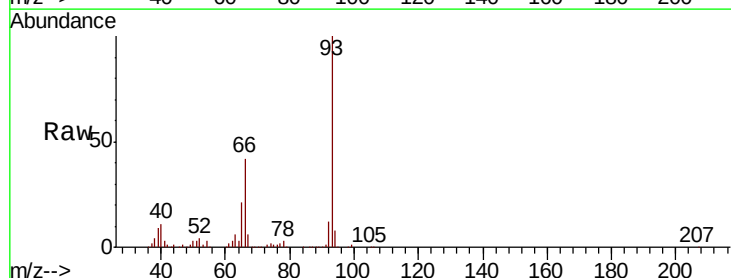
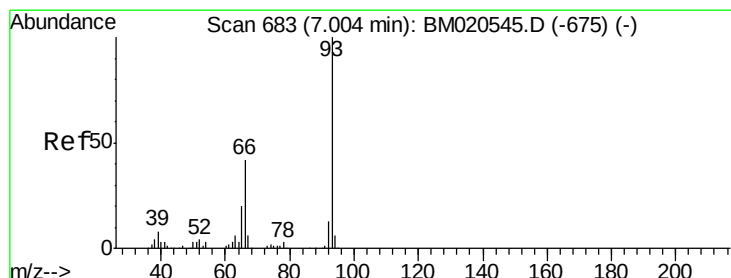
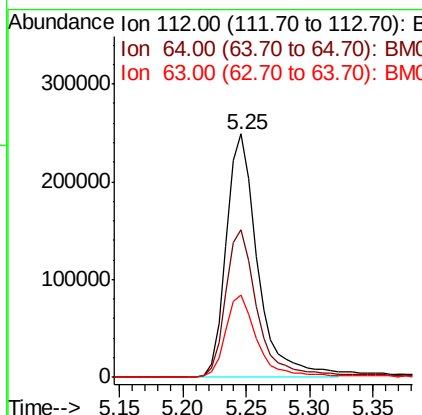
#5
2-Fluorophenol
Concen: 78.485 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tot Ion	Ratio	Resp	Lower	Upper
112	100	429557		
64	60.7		48.6	73.0
63	33.8		27.4	41.0

Instrument :
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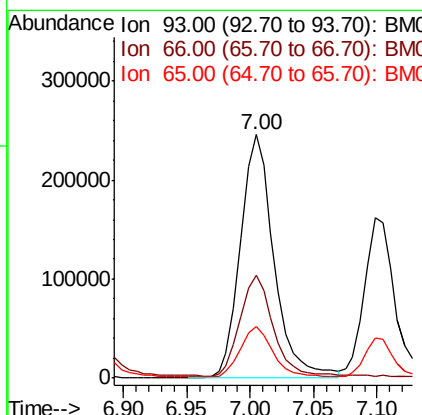
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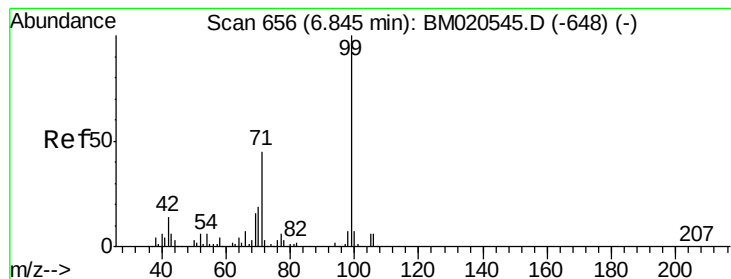
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#6
Aniline
Concen: 37.912 ng
RT: 7.00 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	453034		
66	42.0		34.5	51.7
65	21.1		16.2	24.2





#7

Phenol-d6

Concen: 78.196 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

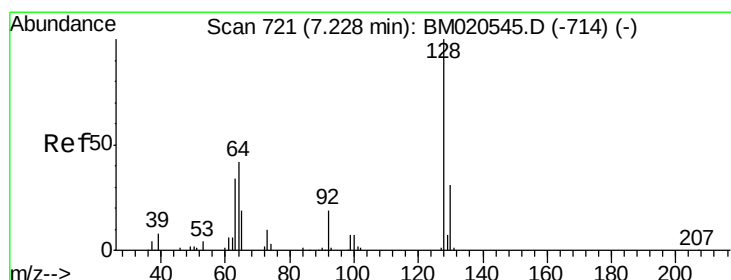
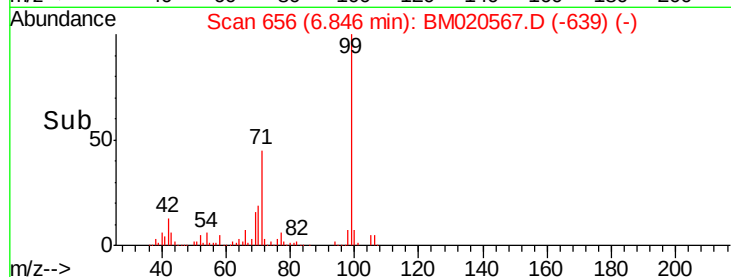
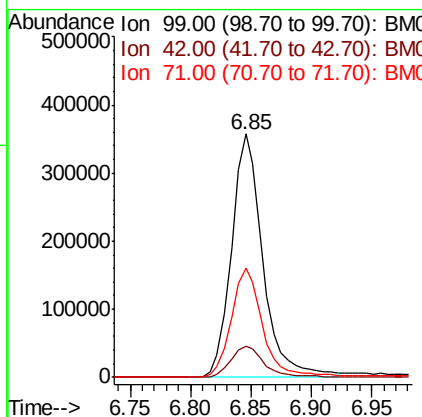
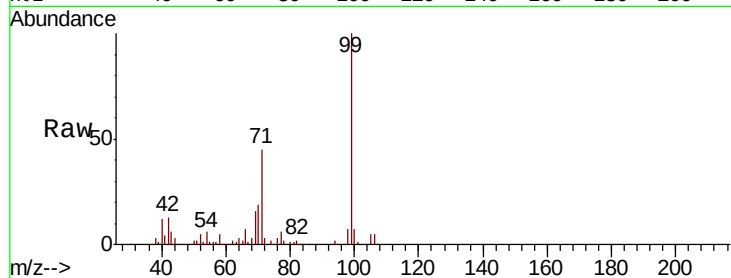
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	645963
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.8	16.2
71	44.8	36.3	54.5

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#8

2-Chlorophenol

Concen: 39.378 ng

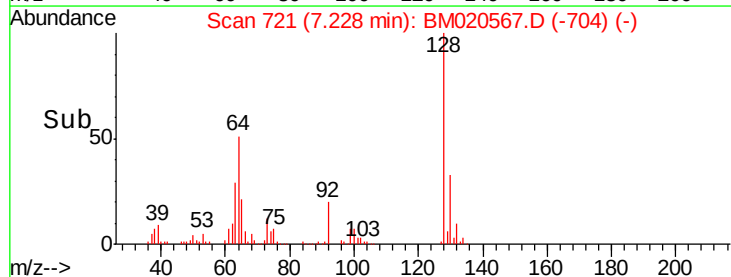
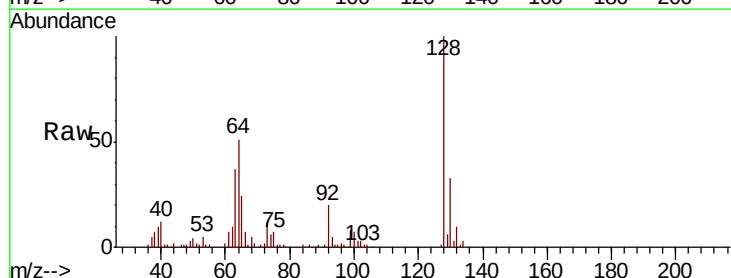
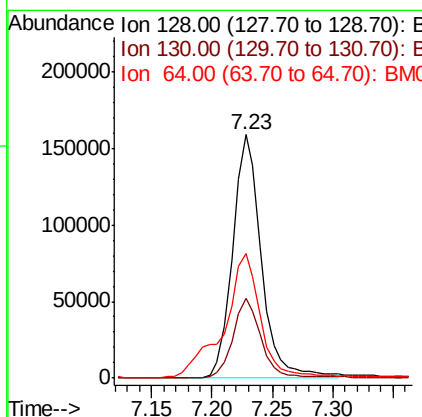
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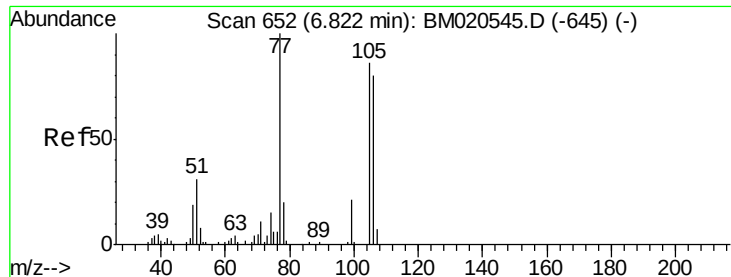
Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Tgt Ion:	128	Resp:	263541
Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.2	51.2
64	51.0	31.1	71.1





#9

Benzaldehyde

Concen: 40.030 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM020567.D

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Instrument :

BNA_M

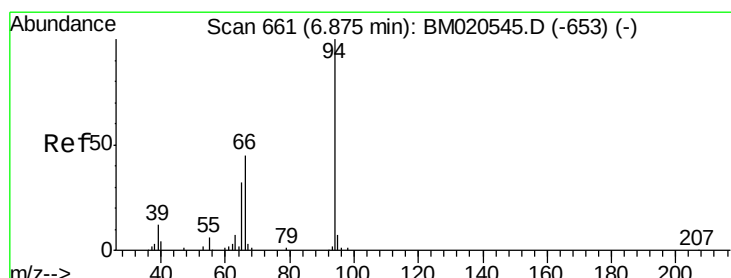
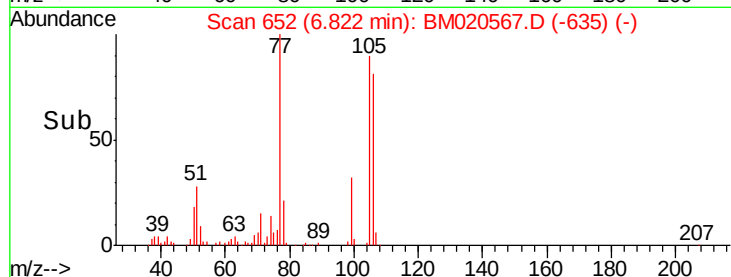
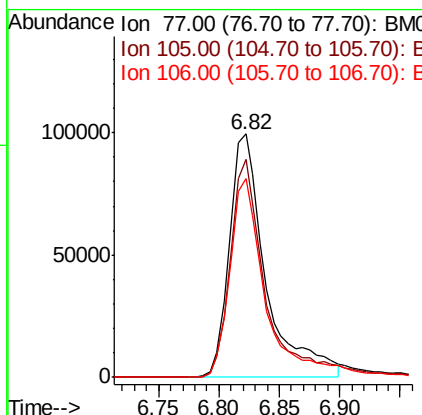
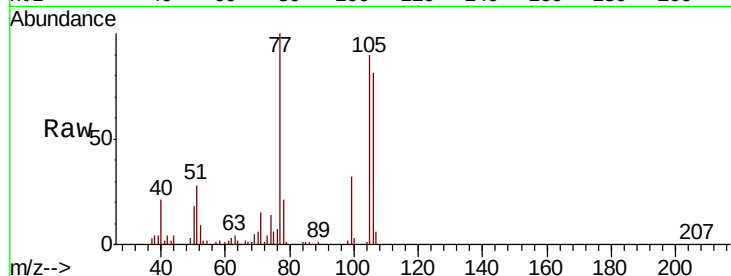
ClientSampleID :

SSTDCCC040EC

Tot Ion:	77	Resp:	211112
Ion Ratio	Lower	Upper	
77	100		
105	89.7	66.1	106.1
106	81.4	60.0	100.0

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#10

Phenol

Concen: 38.632 ng

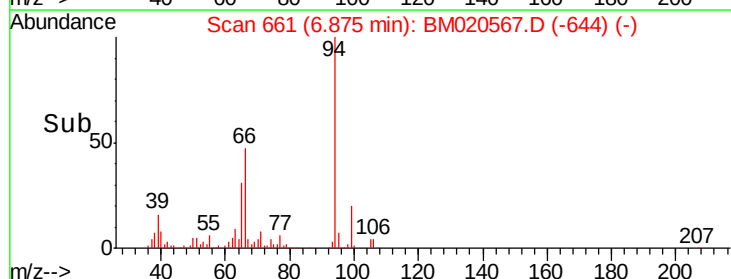
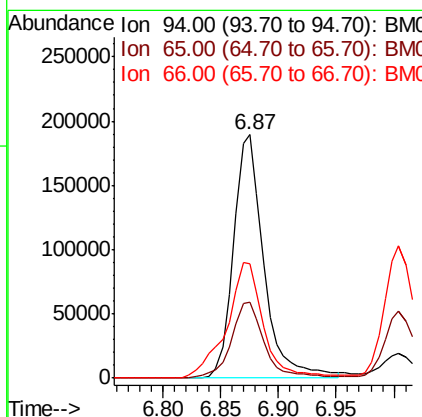
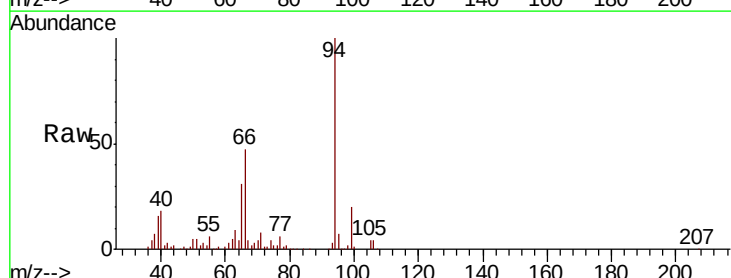
RT: 6.87 min Scan# 661

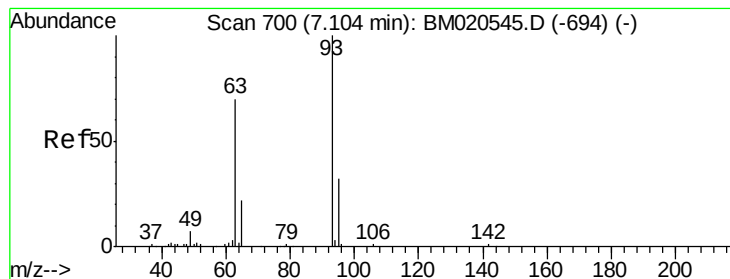
Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Tgt Ion:	94	Resp:	344612
Ion Ratio	Lower	Upper	
94	100		
65	31.3	12.4	52.4
66	46.8	27.4	67.4





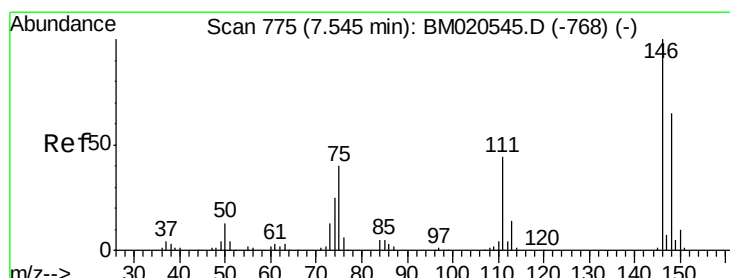
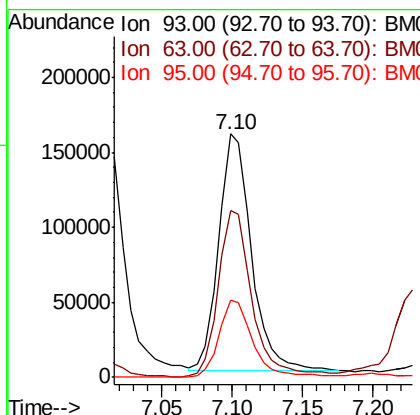
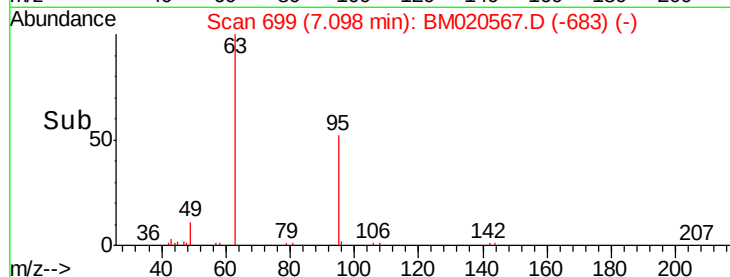
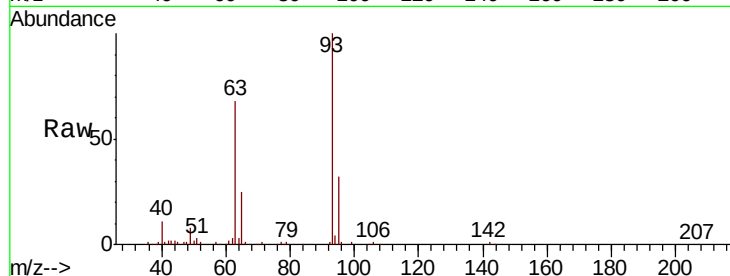
#11
bis(2-Chloroethyl)ether
Concen: 38.110 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	253695
Ion	Ratio	Lower	Upper
93	100		
63	68.3	47.6	87.6
95	31.6	10.9	50.9

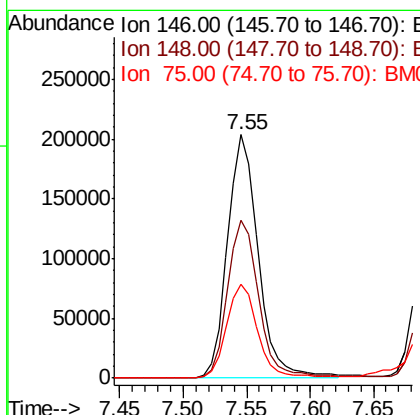
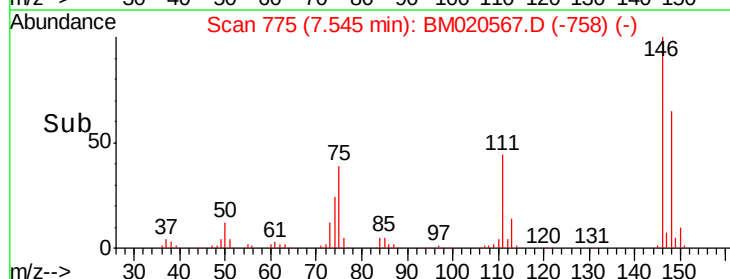
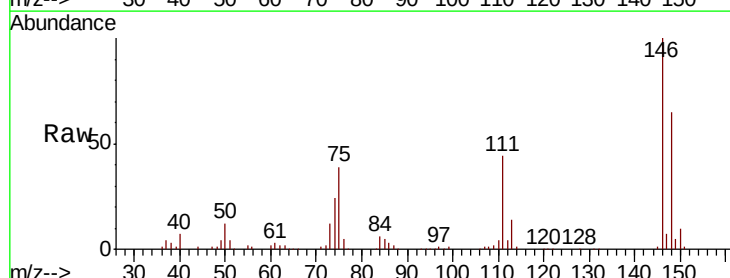
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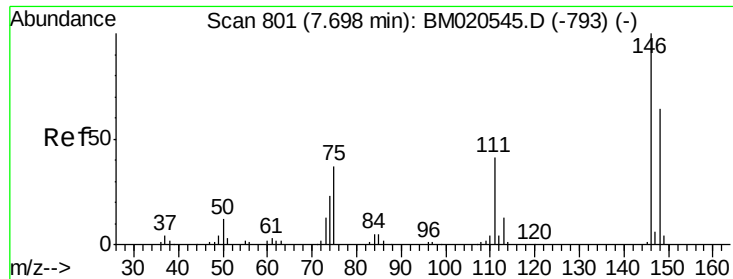
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.043 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion:	146	Resp:	343202
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
75	38.5	31.6	47.4





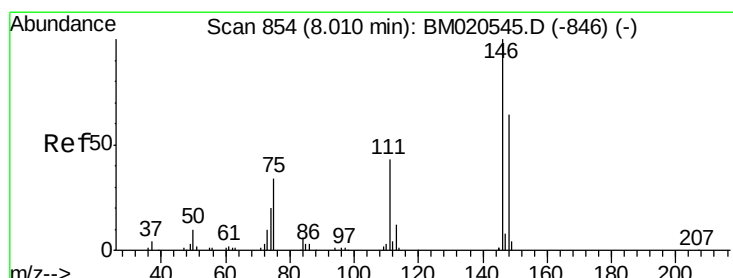
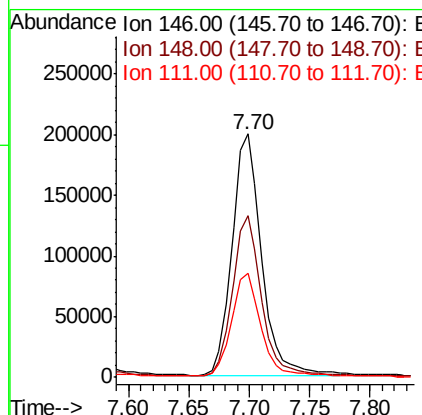
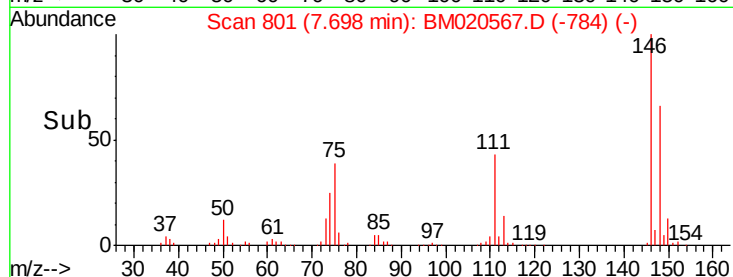
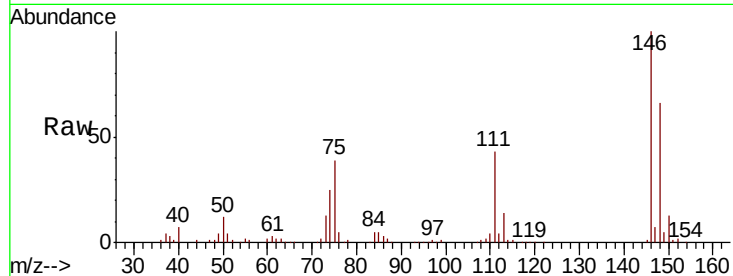
#13
 1,4-Dichlorobenzene
 Concen: 39.741 ng
 RT: 7.70 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.1	76.7
111	42.6	33.5	50.3

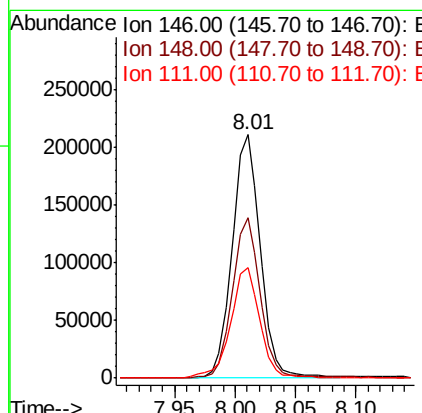
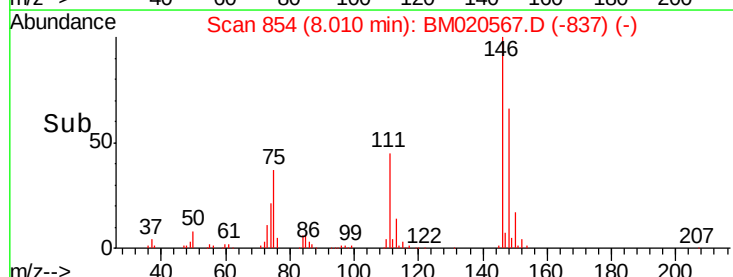
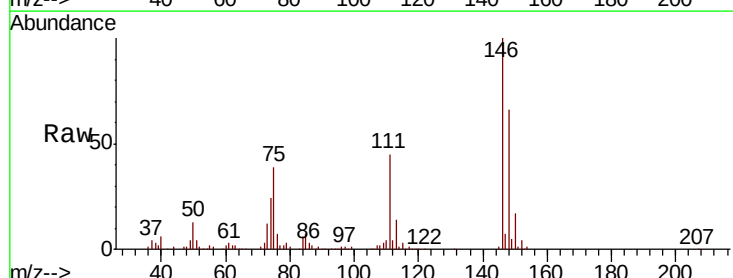
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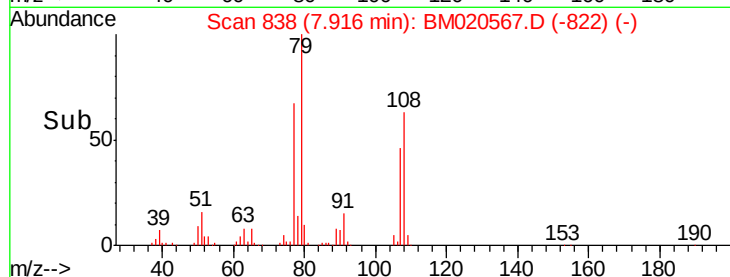
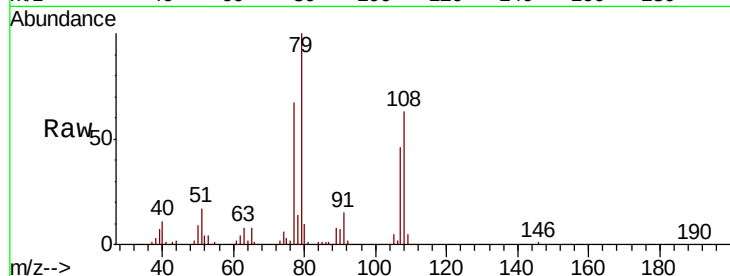
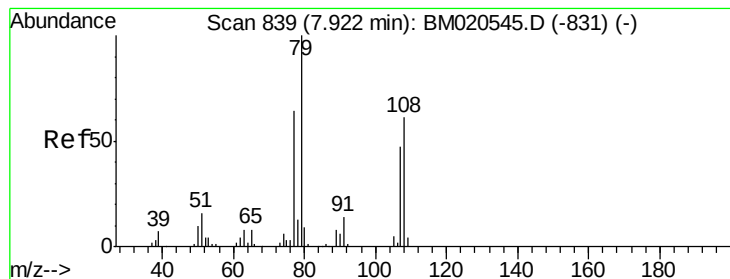
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.609 ng
 RT: 8.01 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.2	76.8
111	45.4	35.2	52.8





#15

Benzyl Alcohol

Concen: 36.621 ng/ml

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Tot Ion:	79	Resp:	279935
Ion	Ratio	Lower	Upper
79	100		
108	62.6	48.5	72.7
77	67.2	50.9	76.3

Instrument :

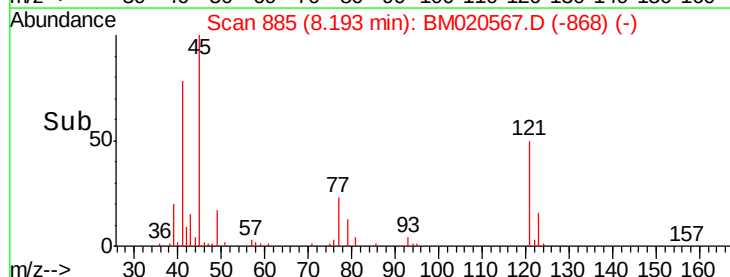
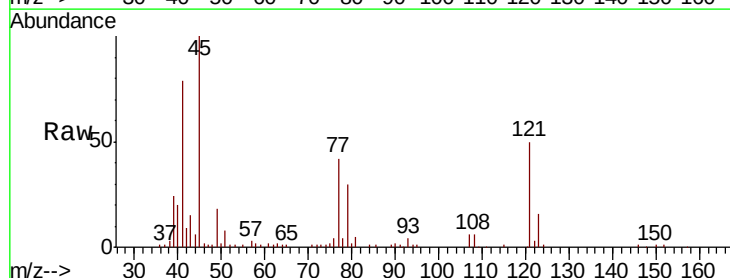
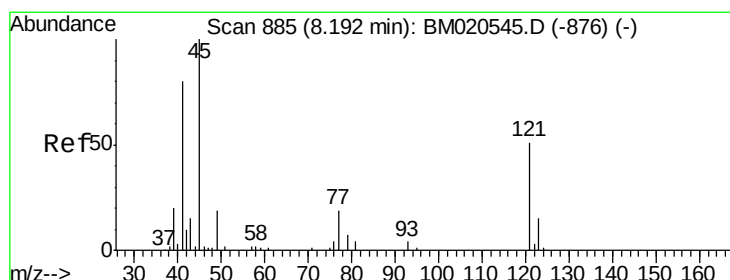
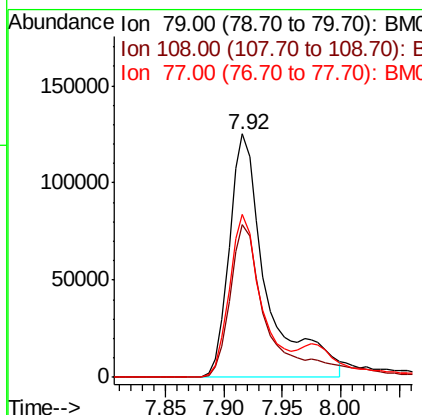
BNA_M

ClientSampleId :

SSTDCCC040EC

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.919 ng/ml

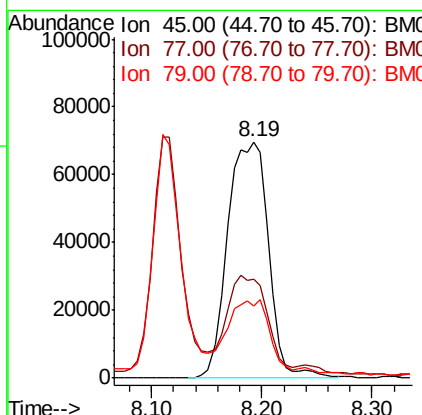
RT: 8.19 min Scan# 885

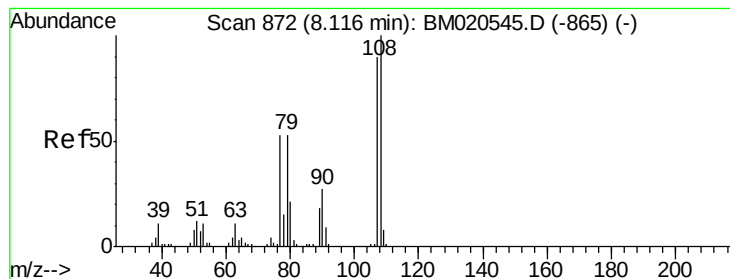
Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Tgt Ion:	45	Resp:	180573
Ion	Ratio	Lower	Upper
45	100		
77	41.9	25.0	65.0
79	30.4	13.1	53.1





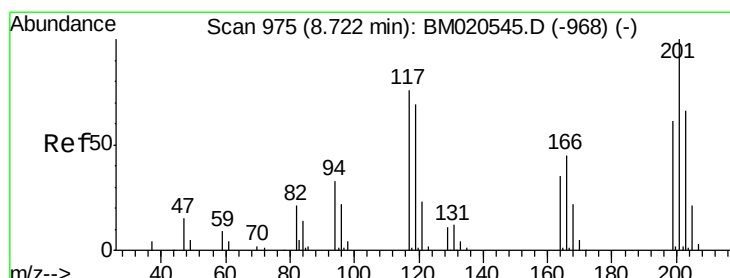
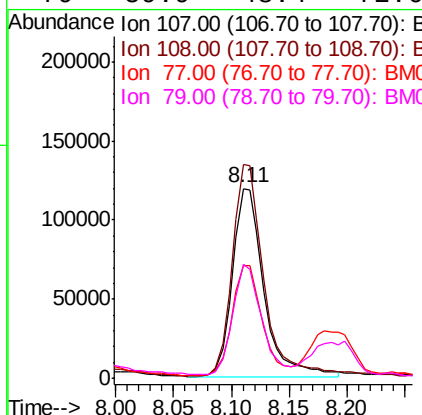
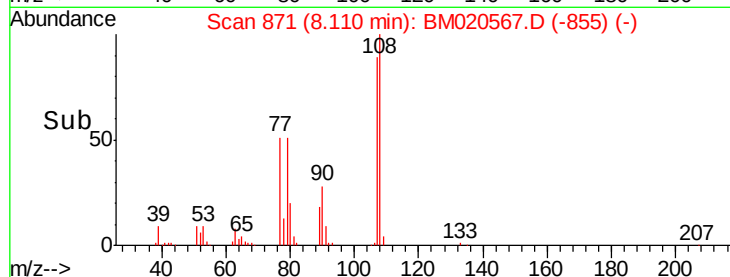
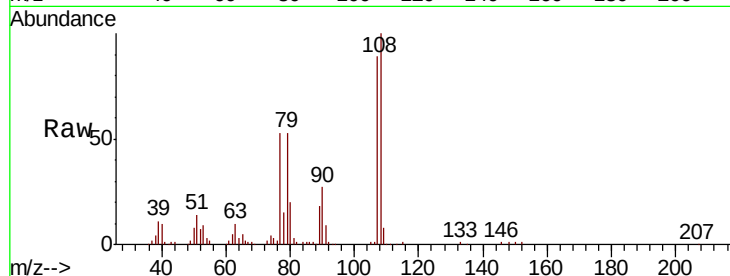
#17
2-Methylphenol
Concen: 38.322 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	89.4	134.2	
77	59.2	48.2	72.4	
79	59.9	48.4	72.6	

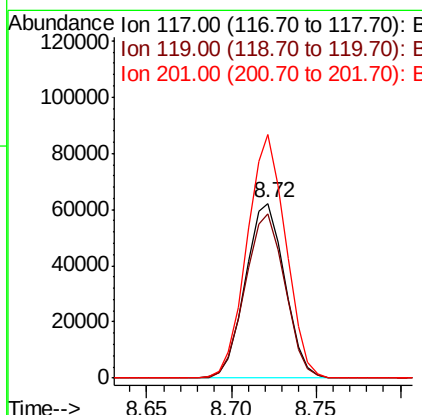
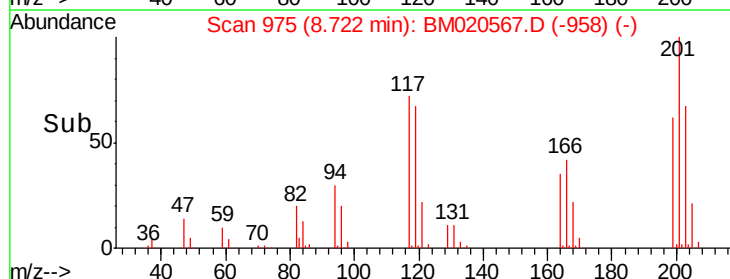
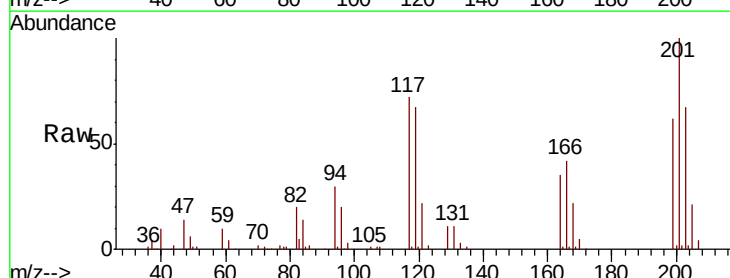
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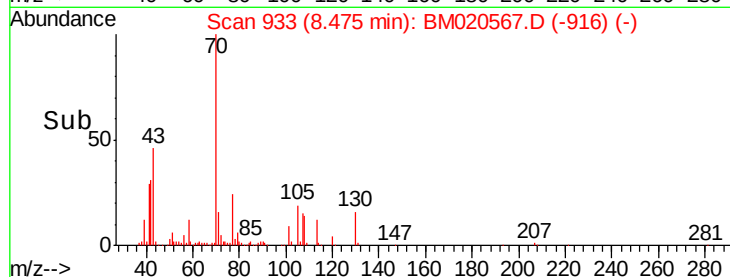
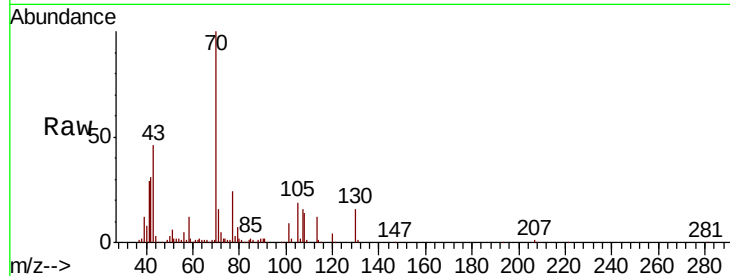
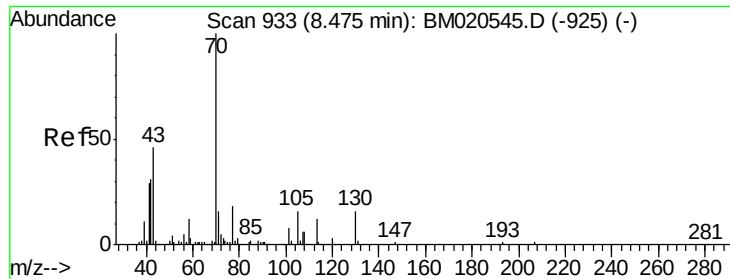
mohammad
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#18
Hexachloroethane
Concen: 29.092 ng
RT: 8.72 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	73.2	109.8	
201	139.4	105.8	158.8	





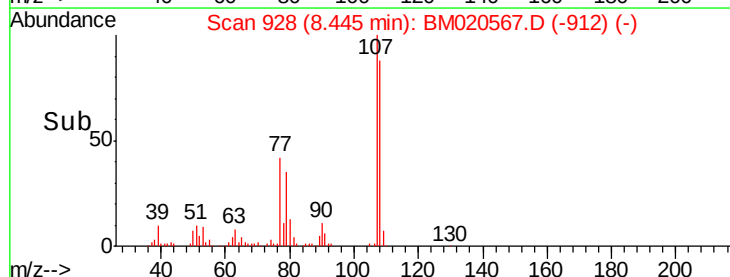
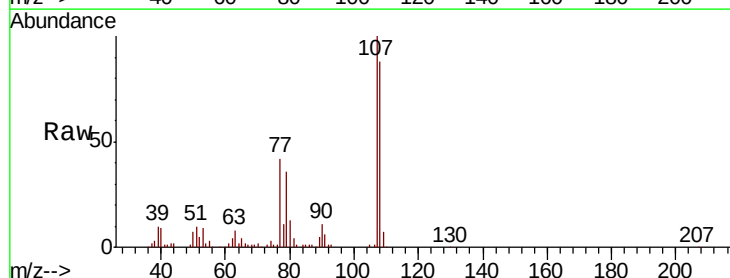
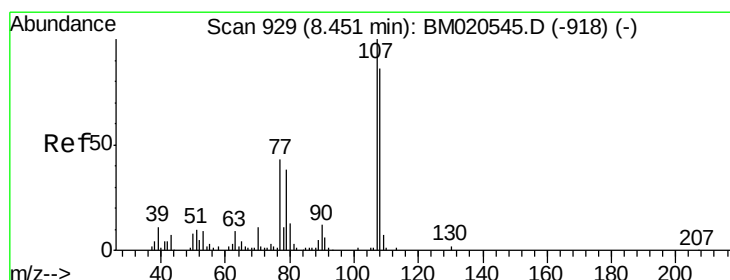
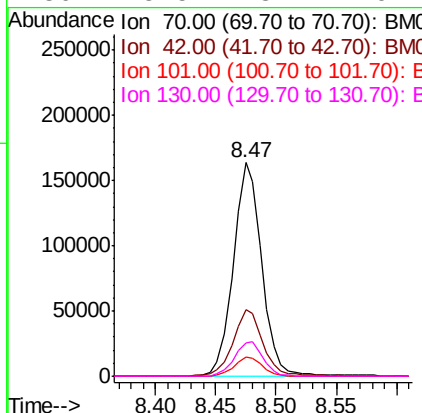
#19
n-Nitroso-di-n-propylamine
Concen: 36.432 ng
RT: 8.47 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
267233	70	100		
	42	31.0	24.7	37.1
	101	9.2	6.8	10.2
	130	15.5	13.1	19.7

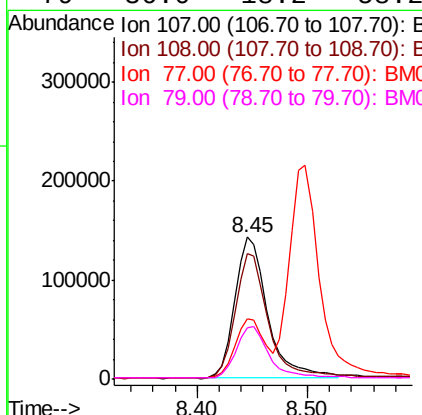
Manual Integrations
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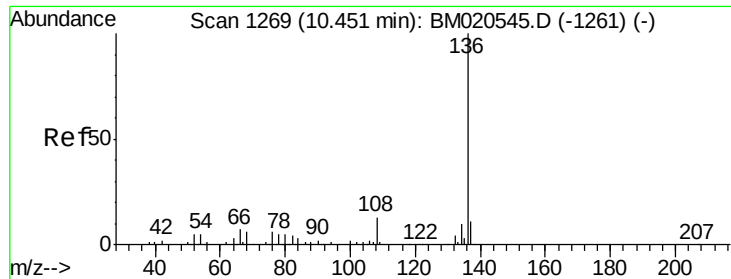
mohammad
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#20
3+4-Methylphenols
Concen: 37.927 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ion	Ratio	Lower	Upper
299535	107	100		
	108	88.2	66.5	106.5
	77	42.4	23.0	63.0
	79	36.0	18.2	58.2





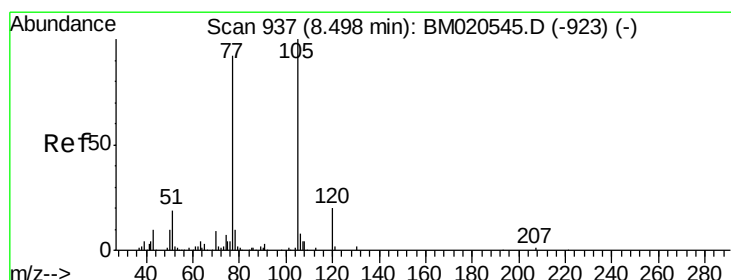
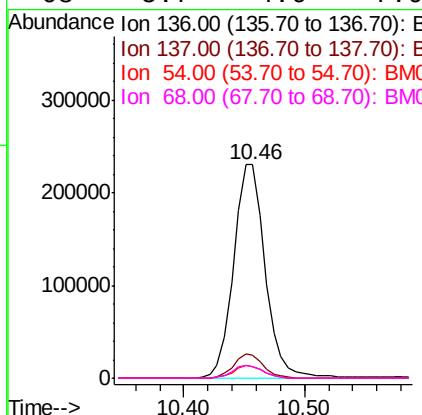
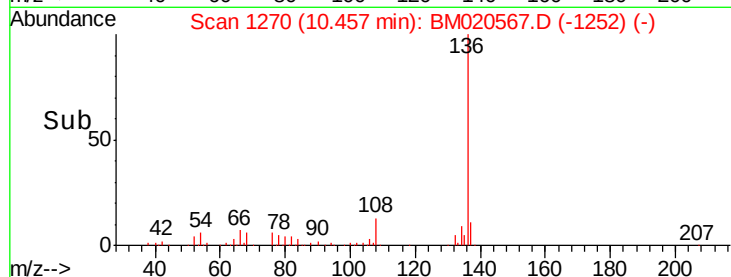
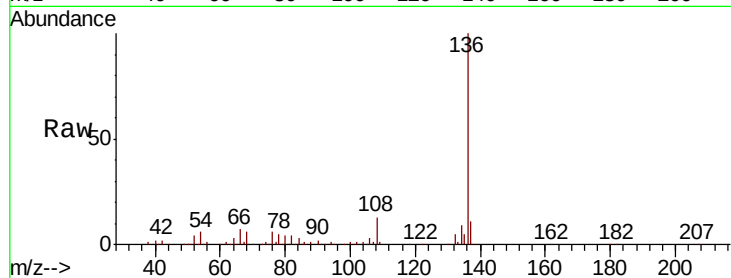
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		420474		
137	10.8		8.4	12.6	
54	5.5		4.2	6.4	
68	5.7		4.6	7.0	

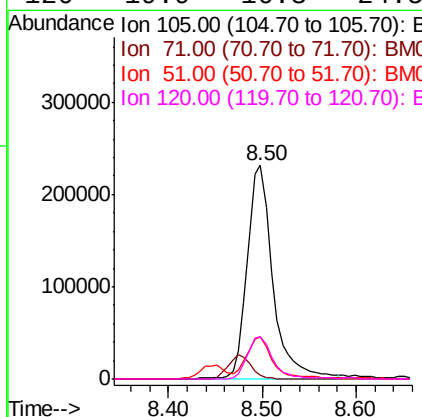
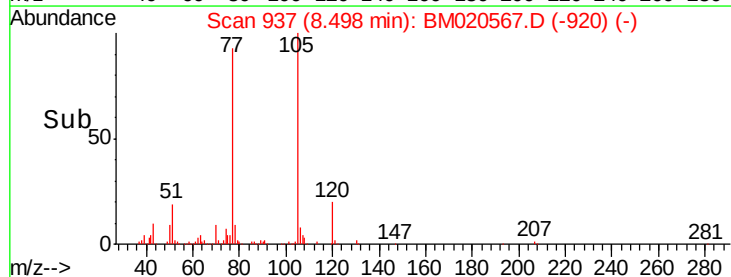
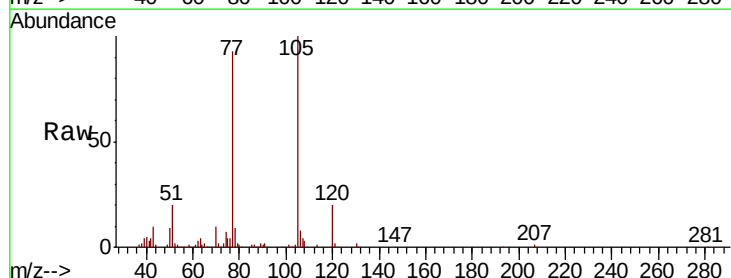
Manual Integrations
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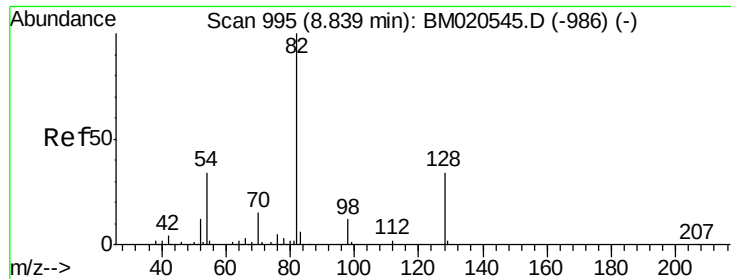
mohammad
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#22
Acetophenone
Concen: 38.194 ng
RT: 8.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		442236		
71	1.8		1.3	1.9	
51	19.6		15.7	23.5	
120	19.9		16.3	24.5	





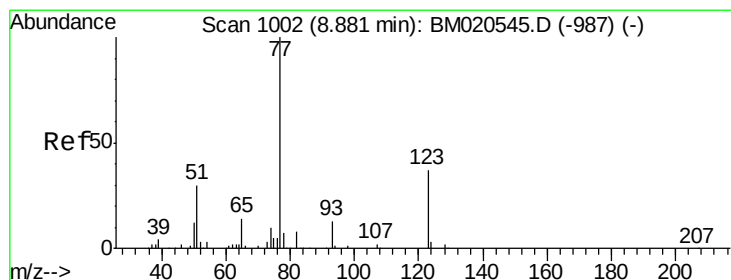
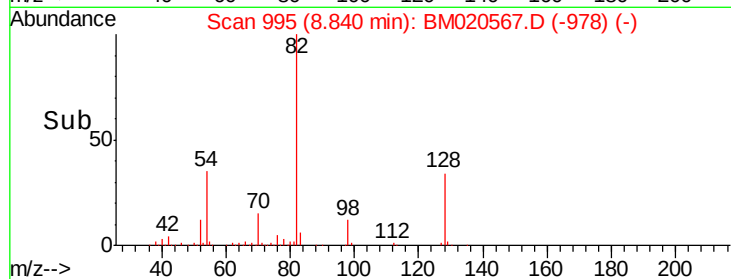
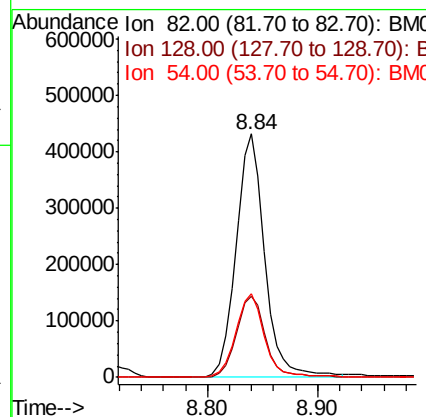
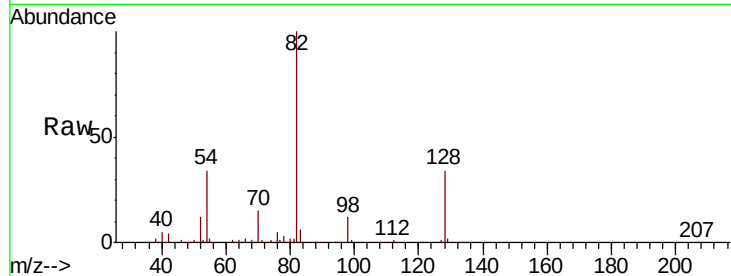
#23
 Nitrobenzene-d5
 Concen: 78.726 ng
 RT: 8.84 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.6	27.0	40.4	
54	34.4	27.4	41.2	

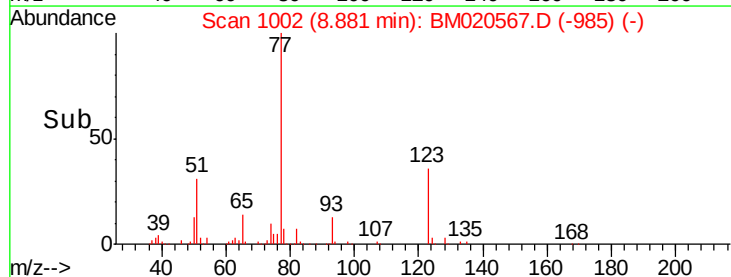
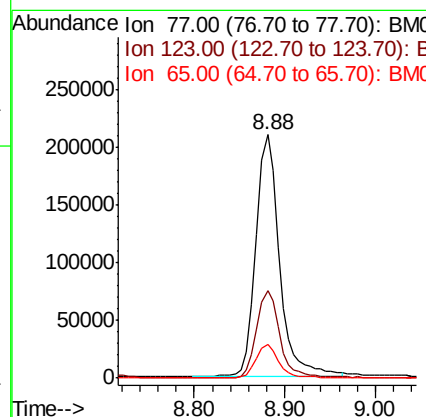
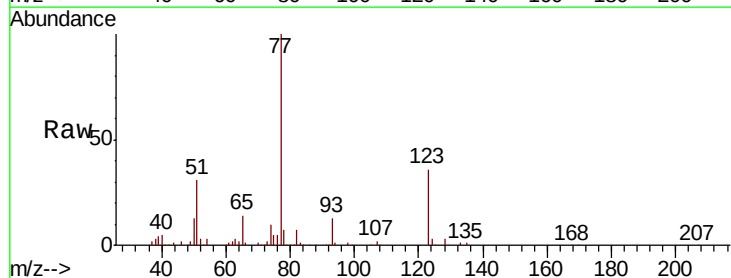
Manual Integrations
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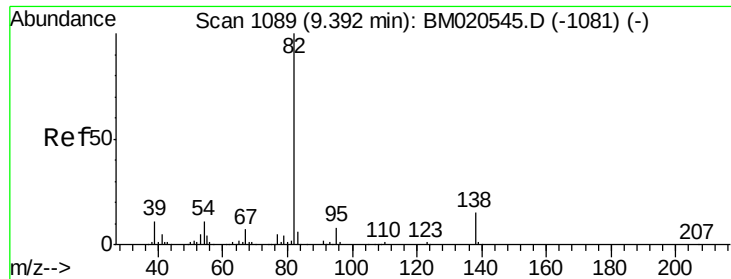
mohammad
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#24
 Nitrobenzene
 Concen: 38.414 ng
 RT: 8.88 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.9	29.4	44.2	
65	13.6	10.8	16.2	





#25

Isophorone

Concen: 37.565 ng

RT: 9.40 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

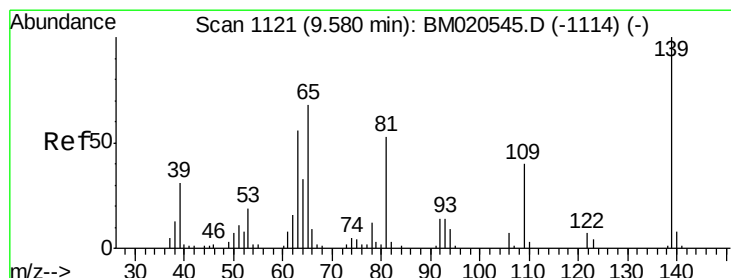
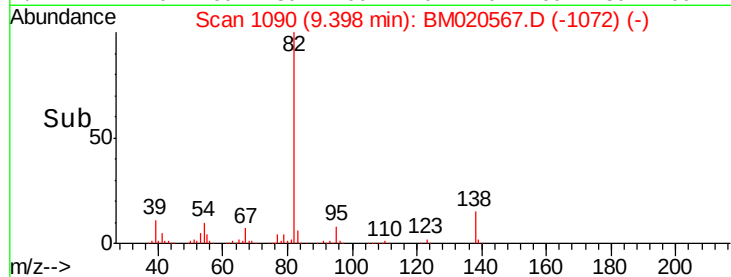
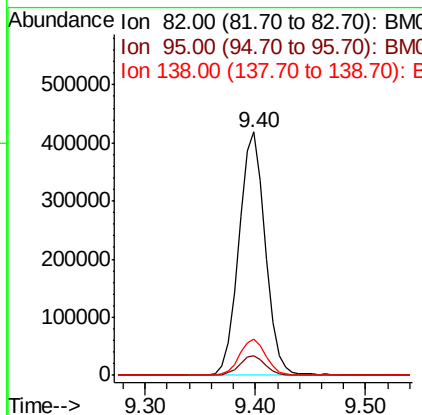
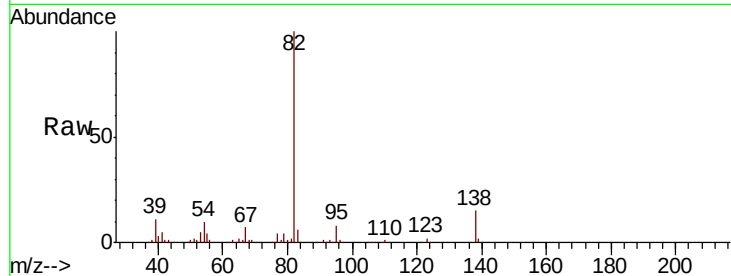
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	700230
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.7	10.1
138	15.0	12.0	18.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 31.977 ng

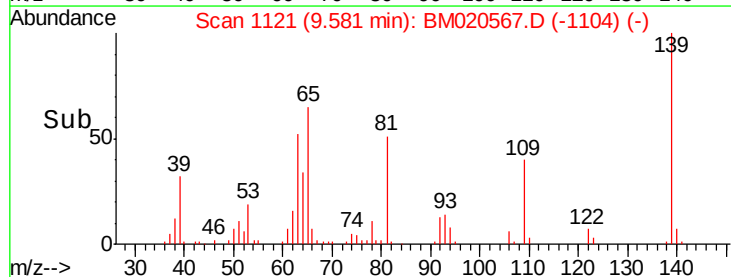
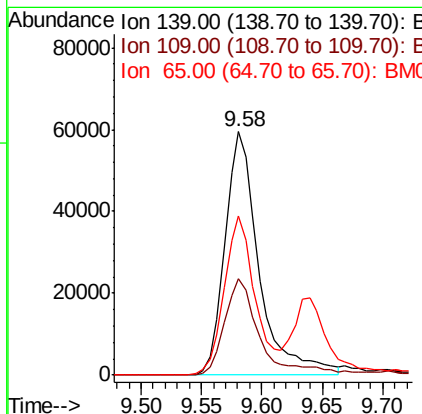
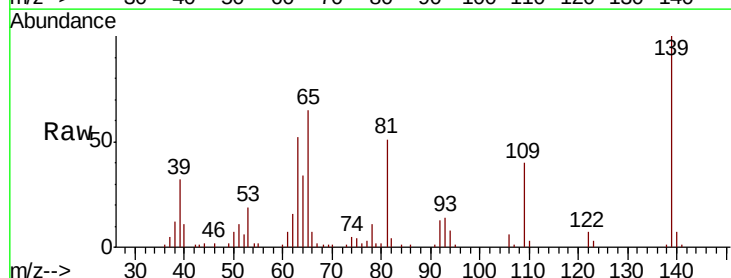
RT: 9.58 min Scan# 1121

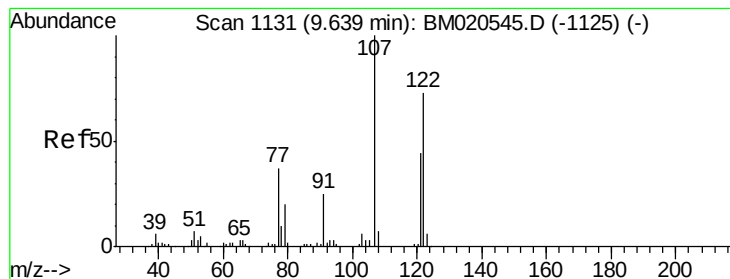
Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Tgt Ion:	139	Resp:	116732
Ion Ratio	Lower	Upper	
139	100		
109	39.7	32.3	48.5
65	65.2	54.4	81.6





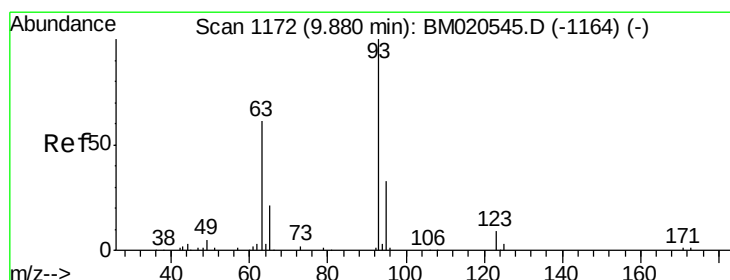
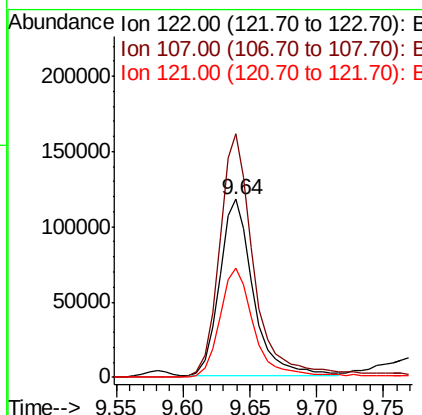
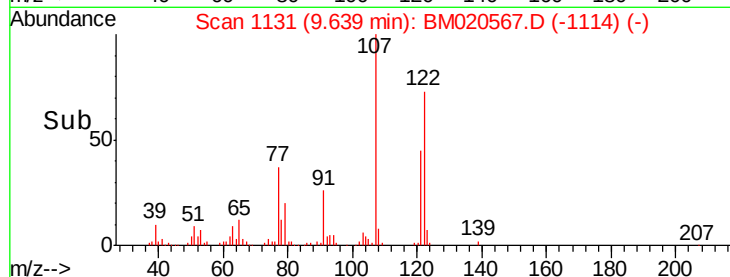
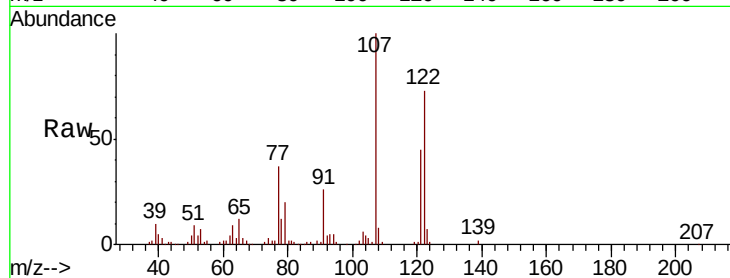
#27
2,4-Dimethylphenol
Concen: 38.338 ng
RT: 9.64 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	136.6	108.2	162.2		
121	61.6	47.4	71.0		

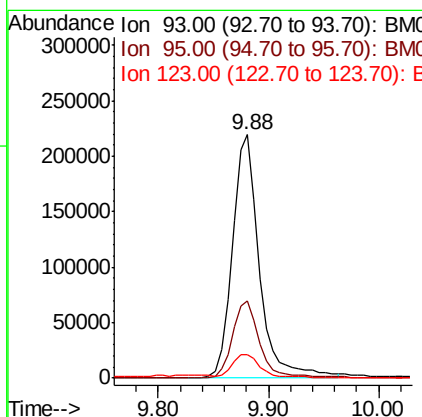
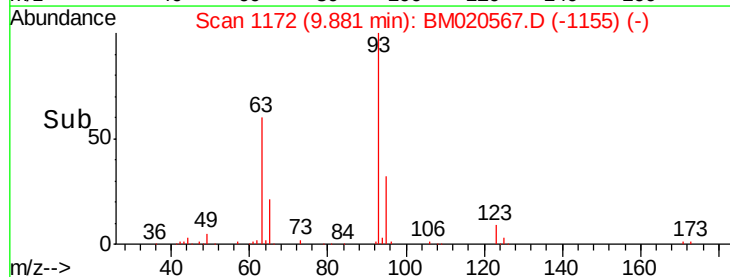
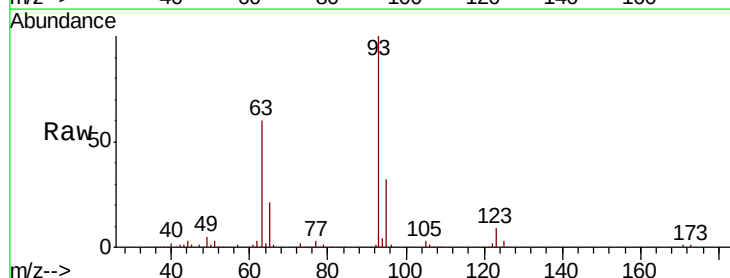
Manual Integrations
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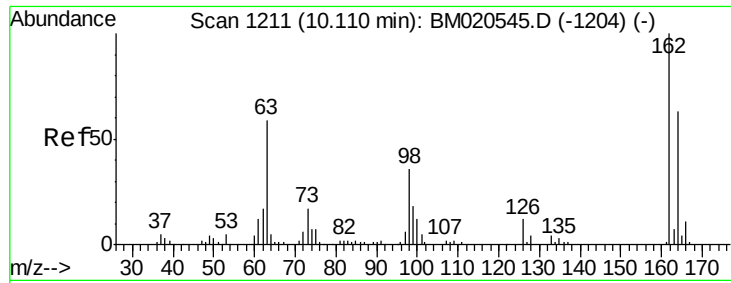
mohammad
5/28/2019 8:41:37 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.866 ng
RT: 9.88 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.9	26.1	39.1		
123	9.5	8.1	12.1		





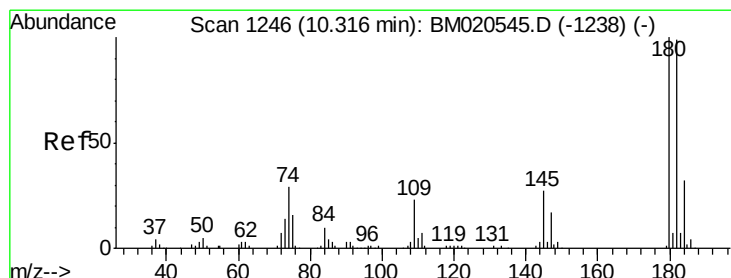
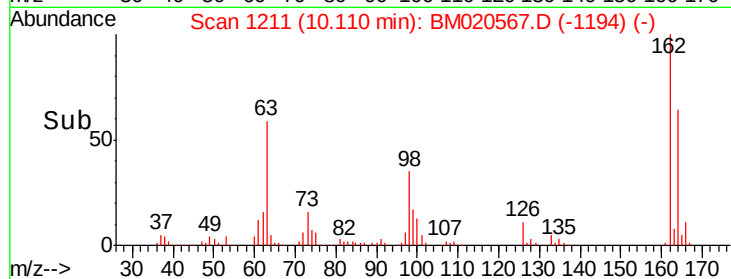
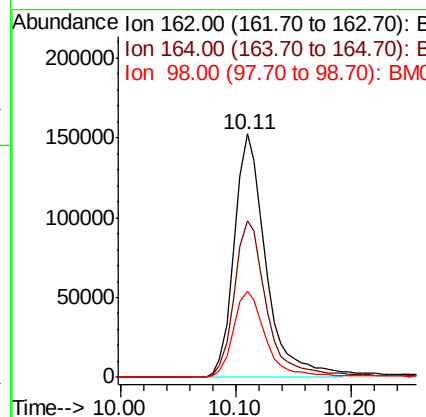
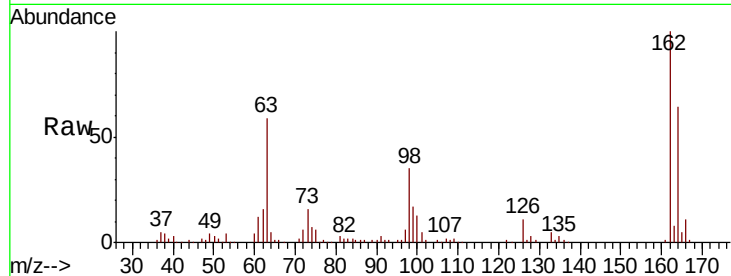
#29
2,4-Dichlorophenol
Concen: 40.281 ng
RT: 10.11 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:	162	Resp:	291336
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.1	83.1
98	35.5	16.2	56.2

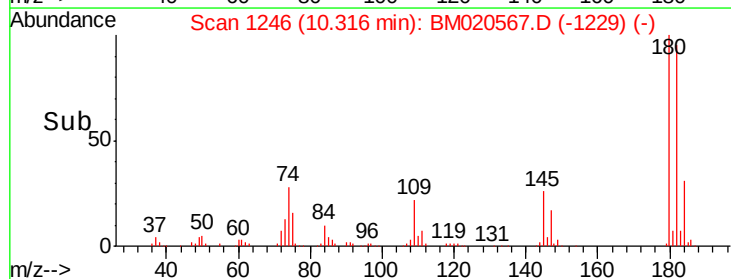
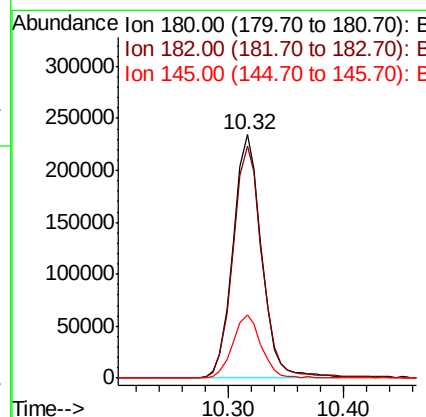
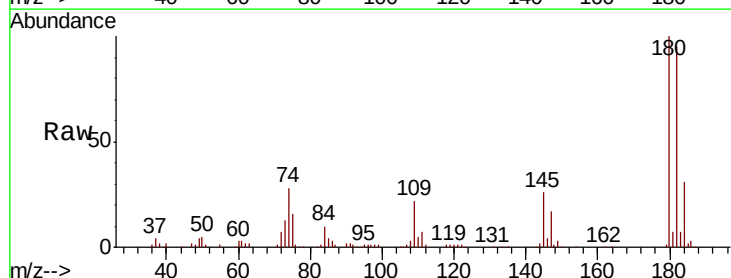
Manual Integrations
APPROVED

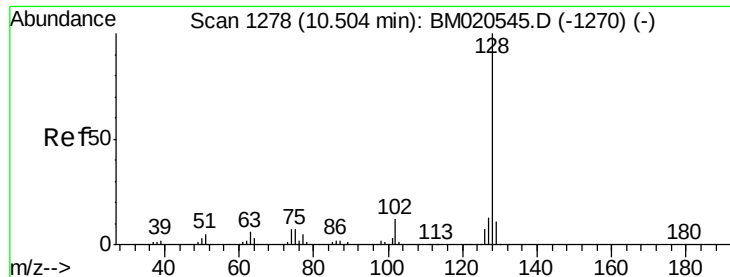
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.724 ng
RT: 10.32 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion:	180	Resp:	402732
Ion Ratio	Lower	Upper	
180	100		
182	95.1	78.8	118.2
145	25.9	21.3	31.9





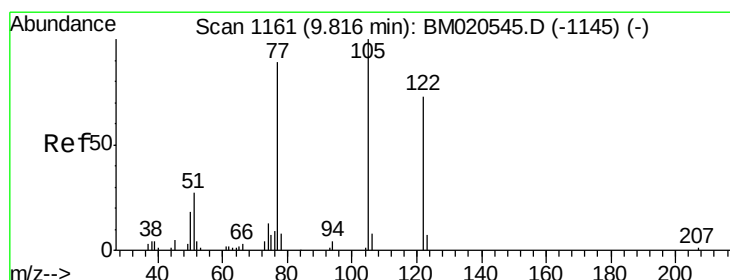
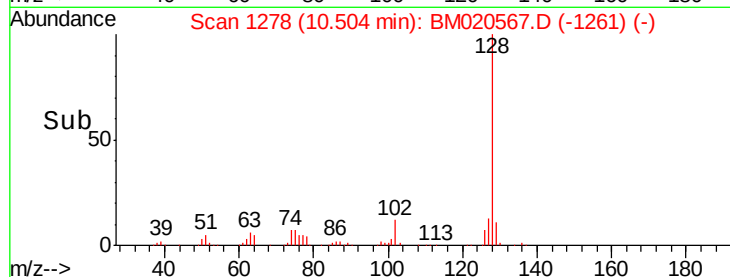
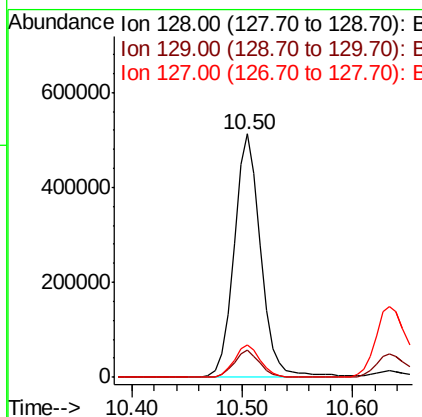
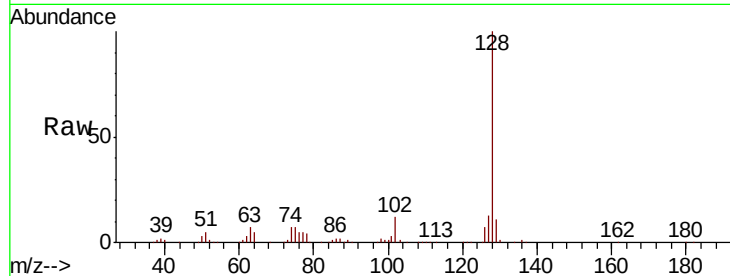
#31
Naphthalene
Concen: 39.843 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:128	Resp:	865011
Ion Ratio	Lower	Upper
128 100		
129 11.0	9.0	13.6
127 13.3	10.4	15.6

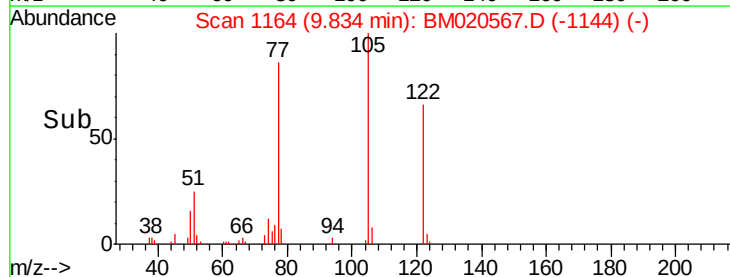
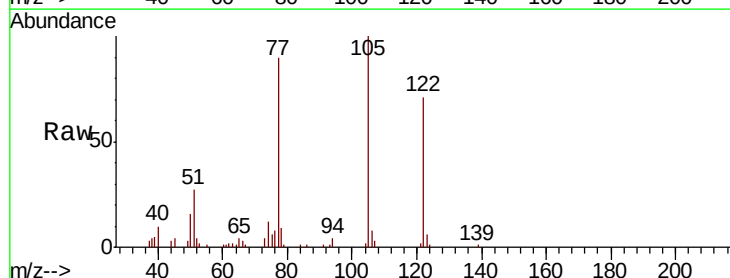
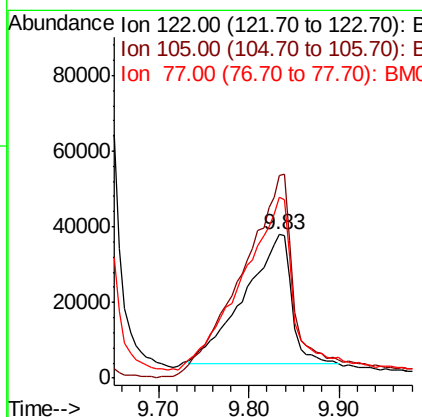
Manual Integrations
APPROVED

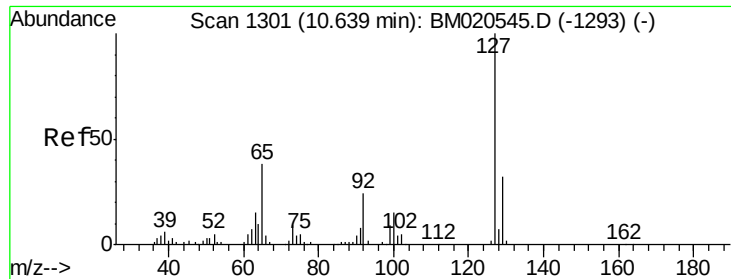
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#32
Benzoic acid
Concen: 36.804 ng
RT: 9.83 min Scan# 1164
Delta R.T. 0.02 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion:122	Resp:	122723
Ion Ratio	Lower	Upper
122 100		
105 141.1	108.8	148.8
77 126.5	97.8	137.8





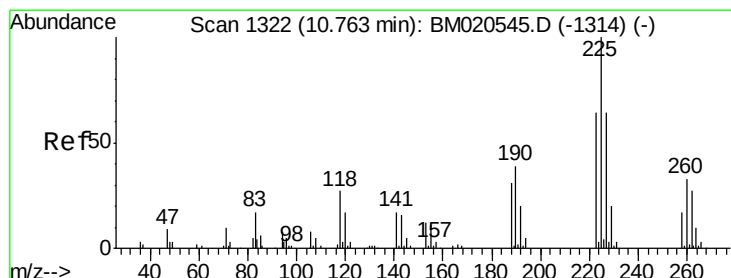
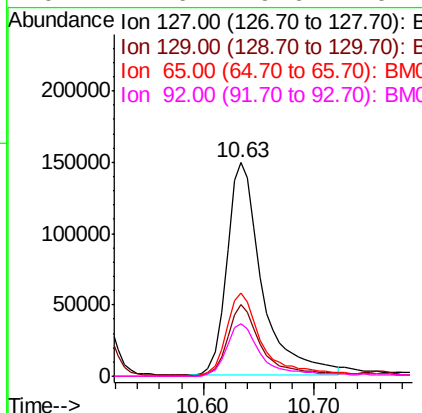
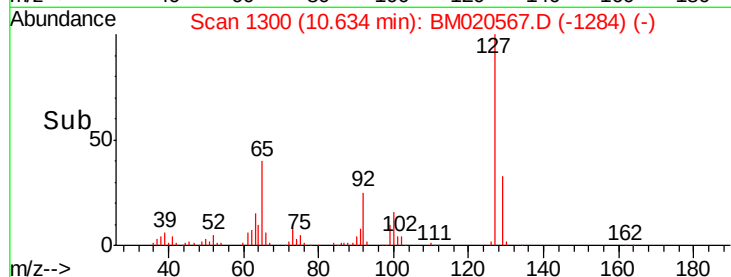
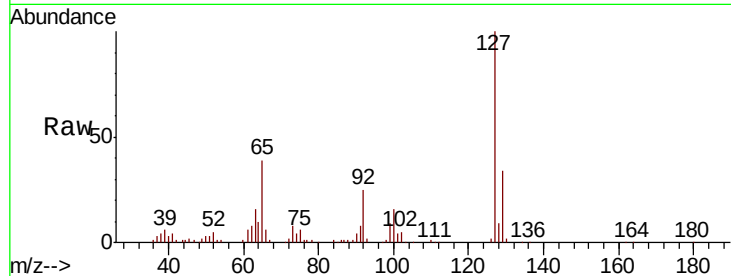
#33
4-Chloroaniline
Concen: 38.459 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		333262		
129	33.5	25.4	38.2		
65	39.2	30.6	45.8		
92	24.6	19.6	29.4		

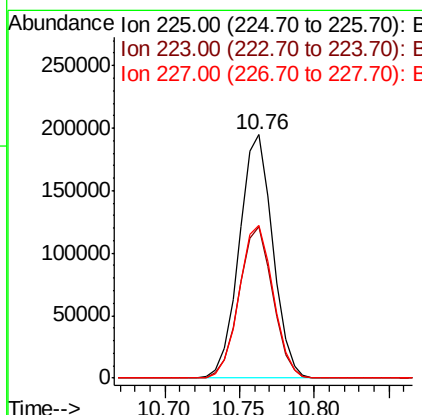
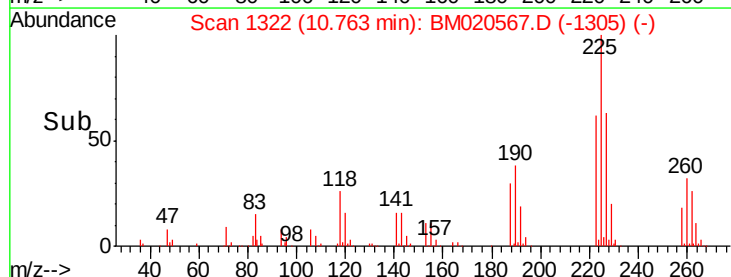
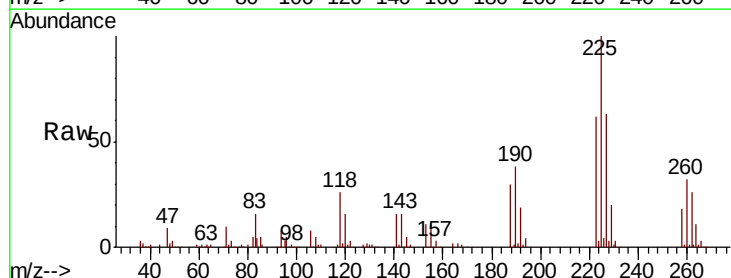
Manual Integrations
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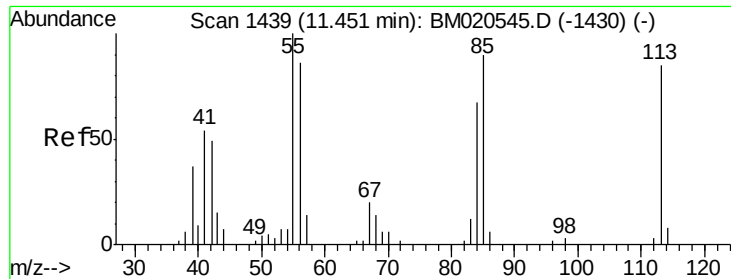
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#34
Hexachlorobutadiene
Concen: 41.183 ng
RT: 10.76 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		302797		
223	62.1	51.4	77.0		
227	62.9	51.0	76.6		





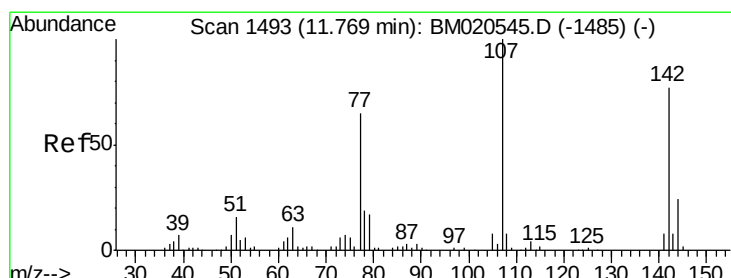
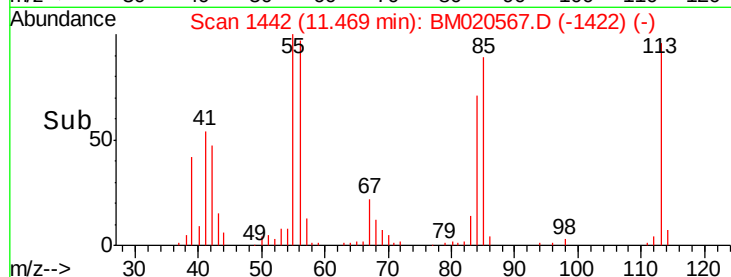
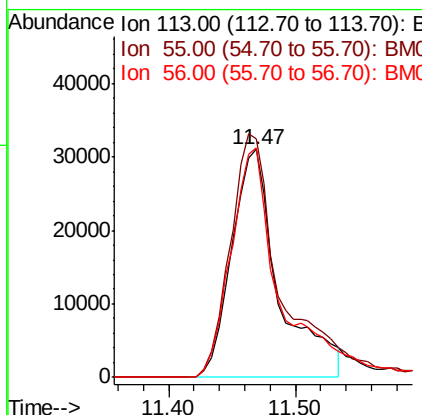
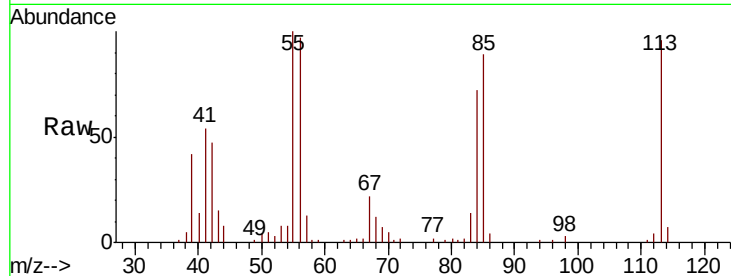
#35
Caprolactam
Concen: 33.581 ng
RT: 11.47 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	104.4	97.6	137.6
56	100.8	81.6	121.6

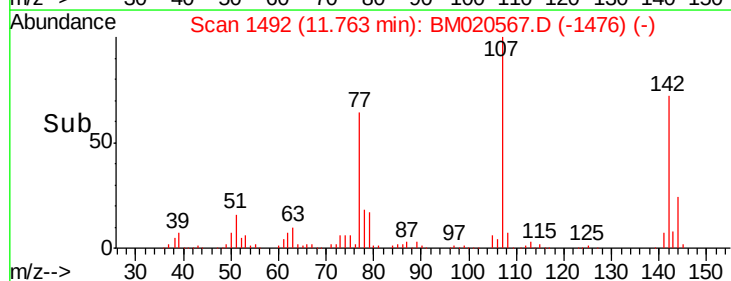
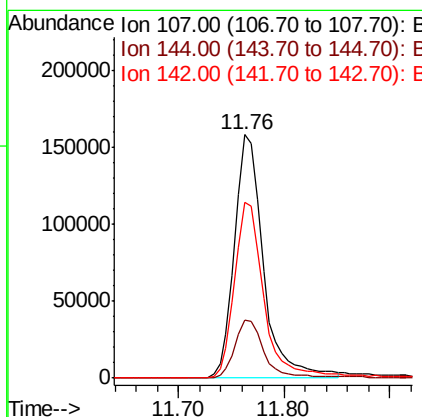
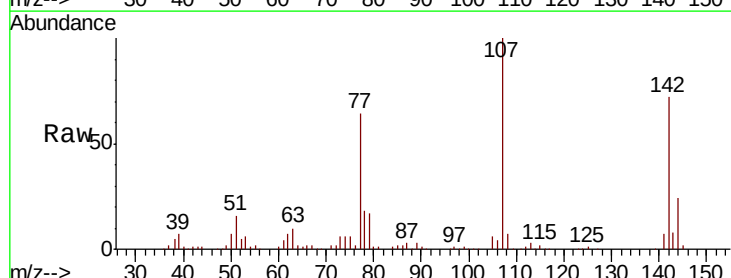
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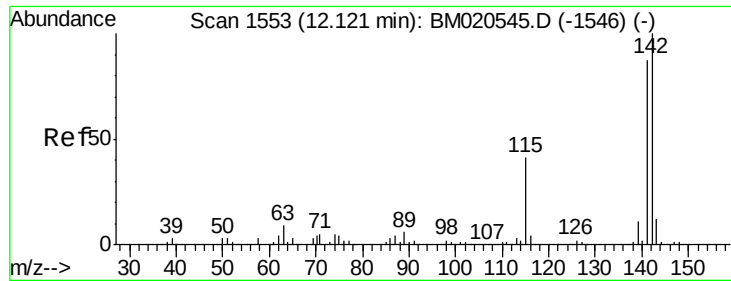
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 38.301 ng
RT: 11.76 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.0	28.6
142	72.2	61.3	91.9





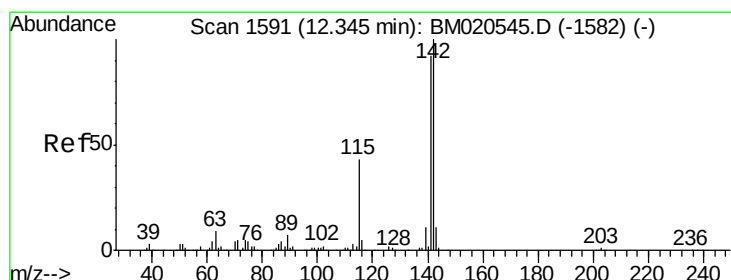
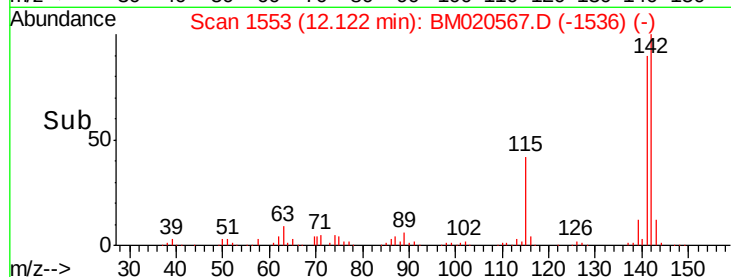
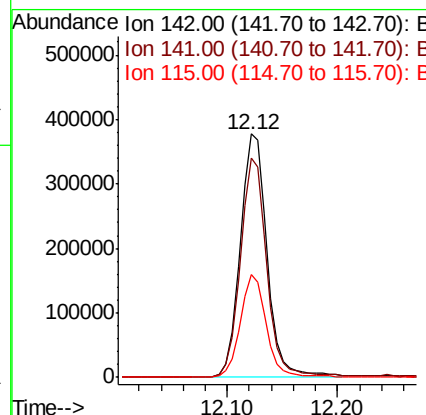
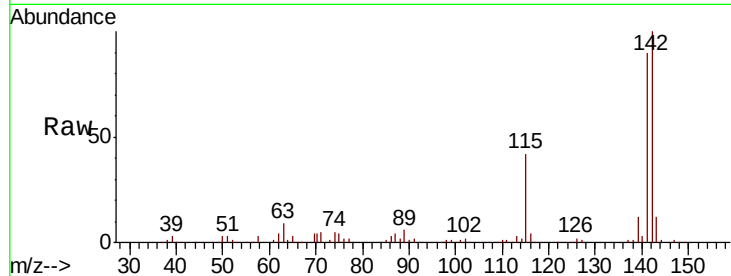
#37
 2-Methylnaphthalene
 Concen: 38.880 ng
 RT: 12.12 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.9	104.9
115	42.1	32.9	49.3

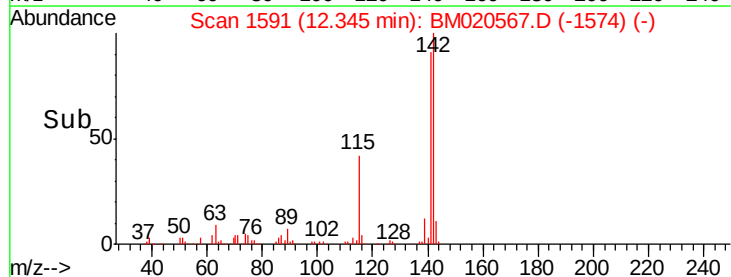
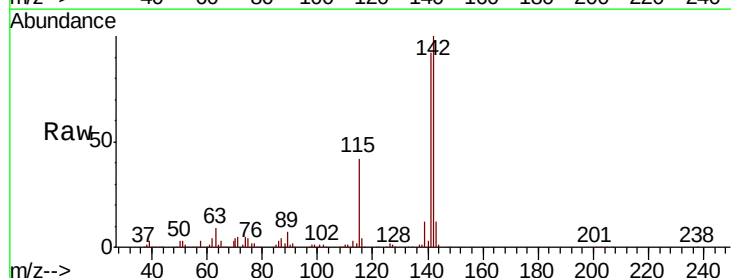
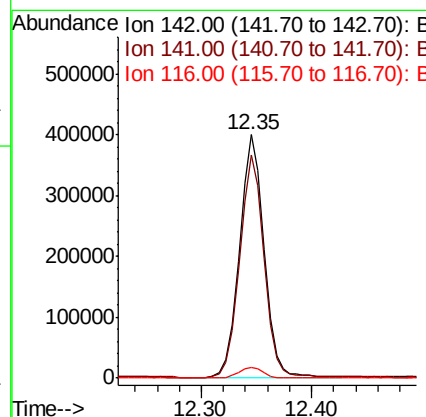
Manual Integrations
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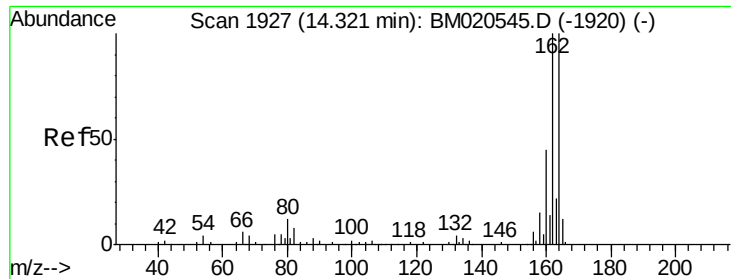
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#38
 1-Methylnaphthalene
 Concen: 38.588 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.7	110.5
116	4.3	3.7	5.5





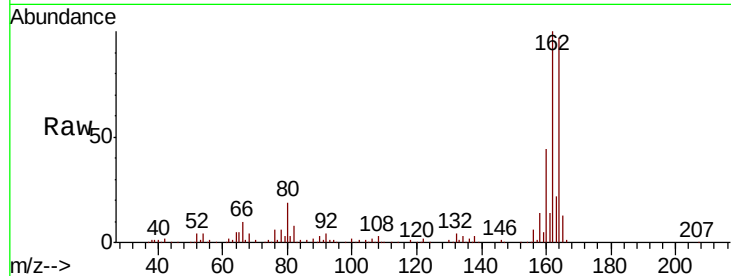
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	79.8	119.8
160	45.4	35.9	53.9

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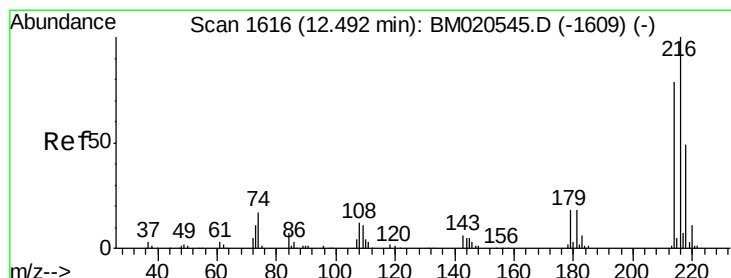
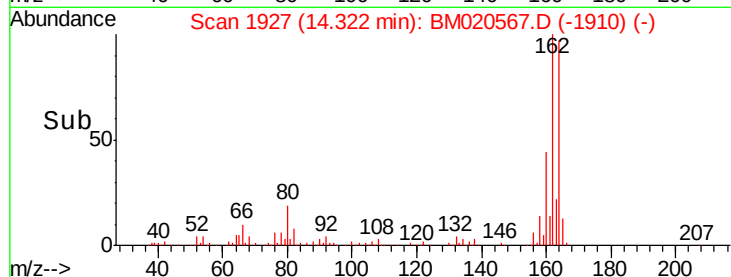
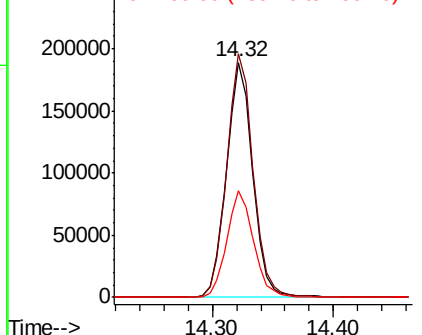


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.395 ng
RT: 12.49 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.6
179	18.4	14.8	22.2
108	13.2	10.5	15.7

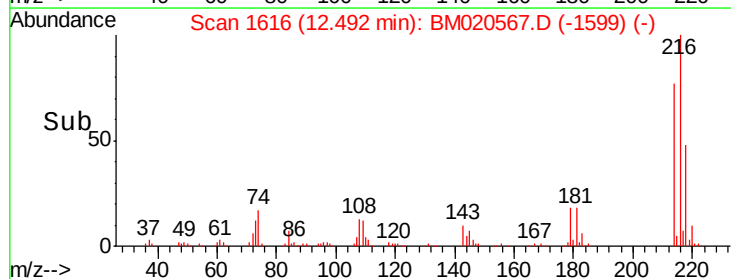
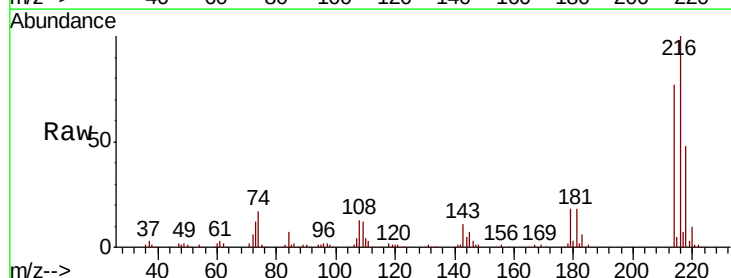
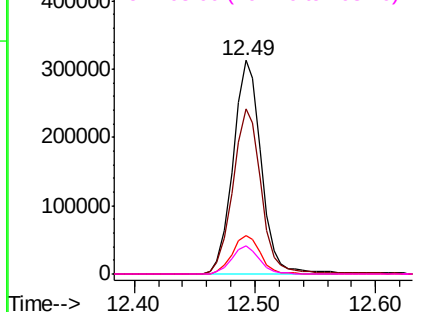
Abundance

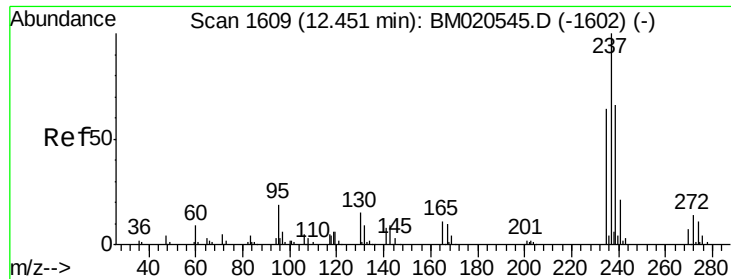
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.241 ng

RT: 12.45 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

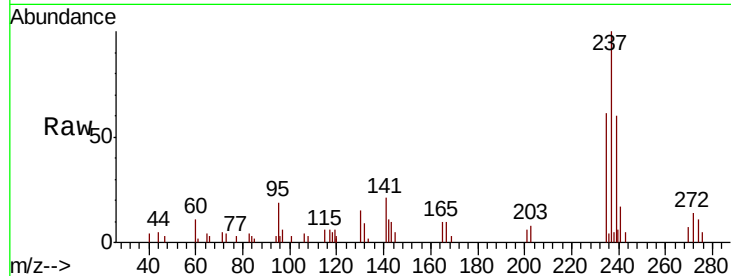
ClientSampleId :

SSTDCCC040EC

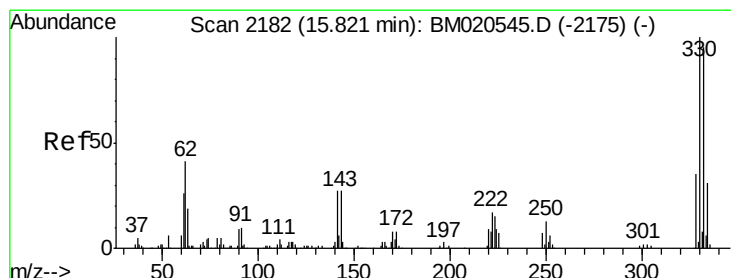
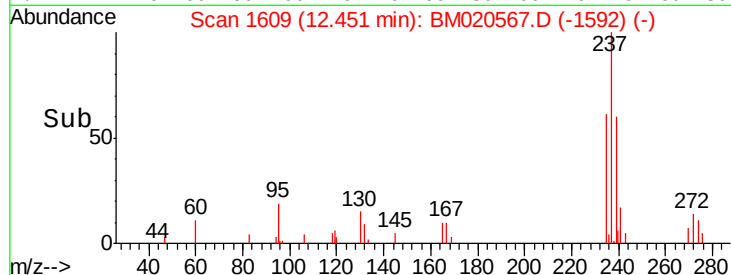
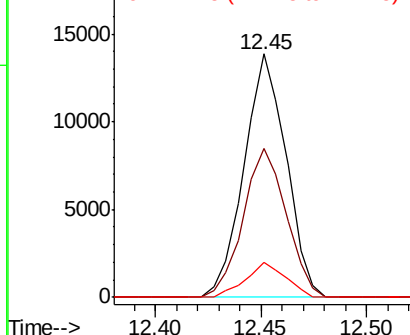
Tot Ion:	237	Resp:	19127
Ion Ratio	Lower	Upper	
237	100		
235	61.2	43.5	83.5
272	14.2	0.0	33.9

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: 71.995 ng

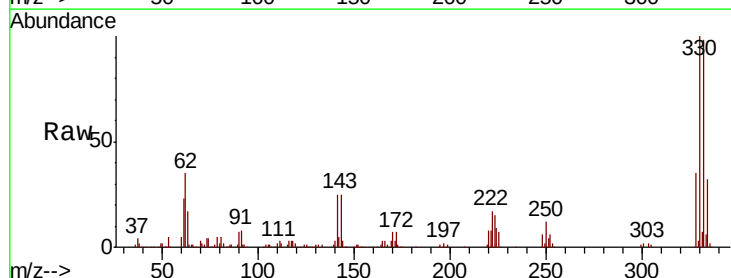
RT: 15.83 min Scan# 2183

Delta R.T. 0.01 min

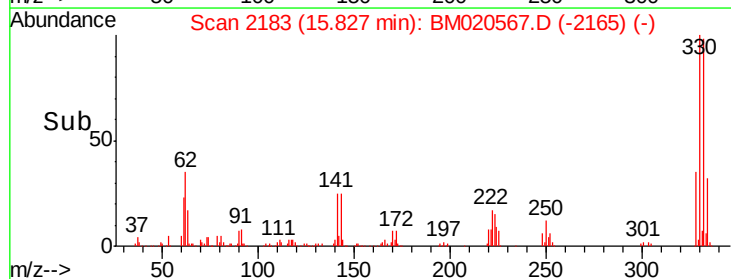
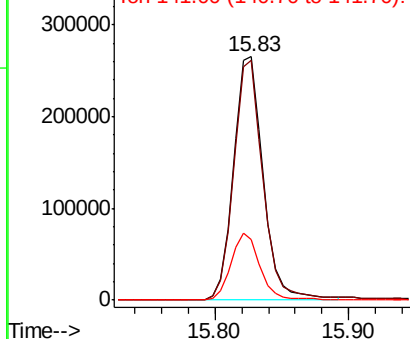
Lab File: BM020567.D

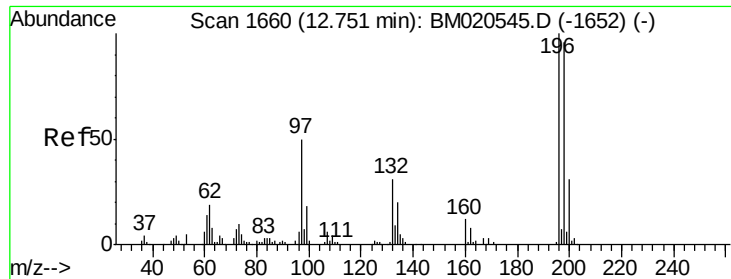
Acq: 25 May 2019 06:56

Tgt Ion:	330	Resp:	411237
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.5	116.3
141	27.1	21.7	32.5



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





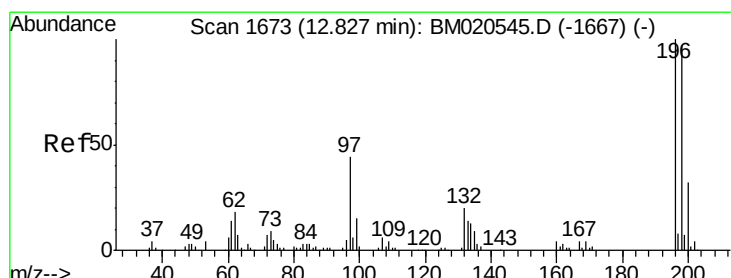
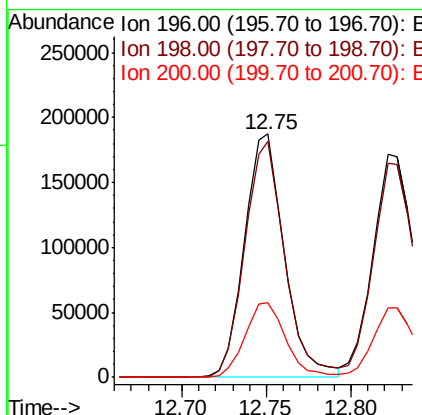
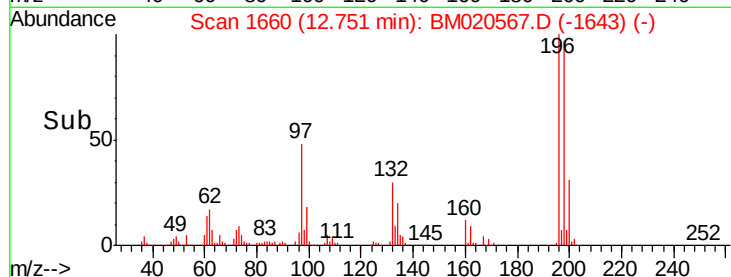
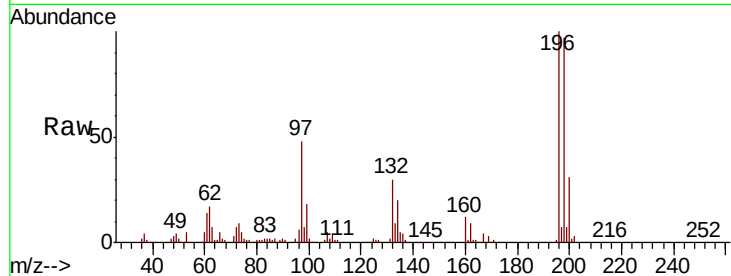
#43
 2,4,6-Trichlorophenol
 Concen: 41.684 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.4	114.6
200	30.6	25.0	37.4

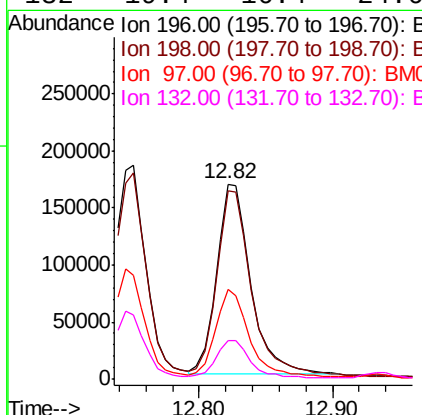
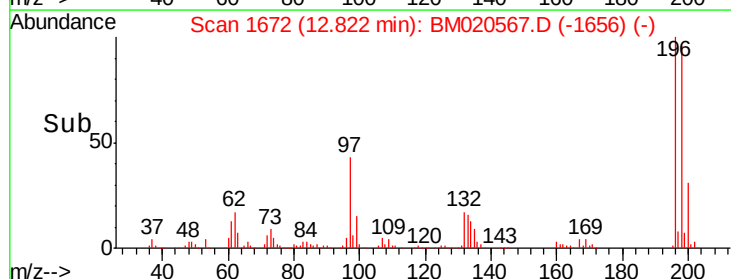
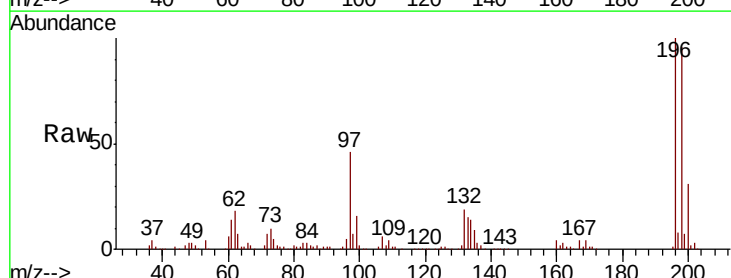
Manual Integrations
 APPROVED

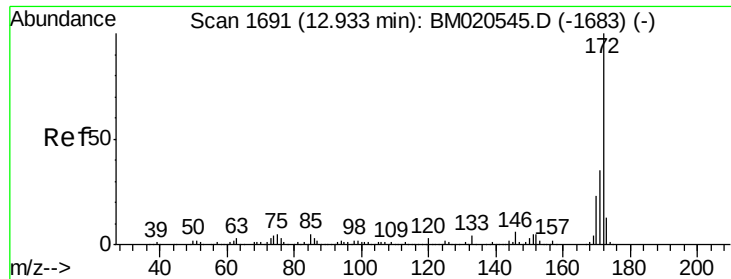
mohammad
 5/28/2019 8:41:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.048 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.6	116.4
97	45.6	35.4	53.0
132	19.4	16.4	24.6





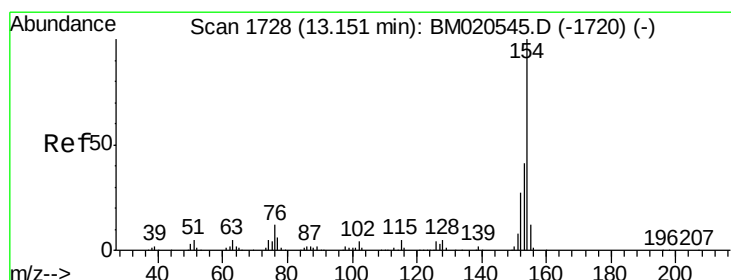
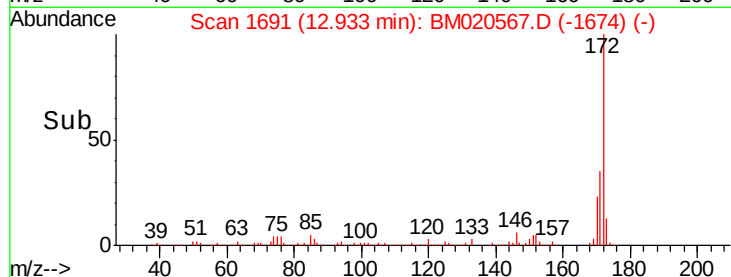
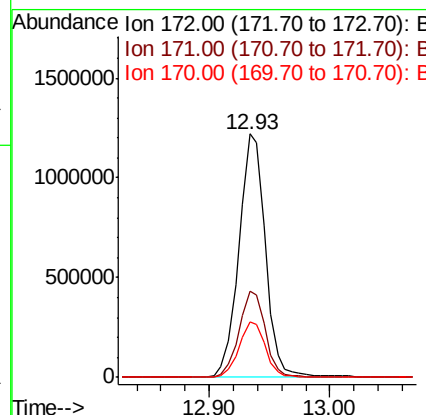
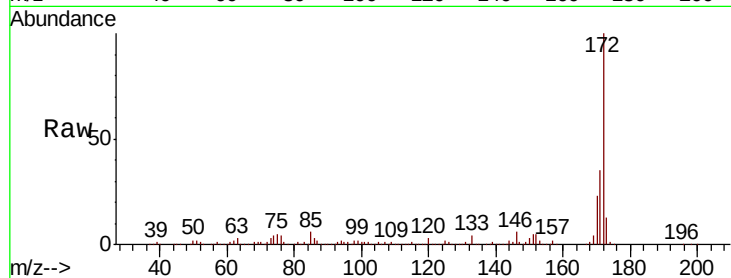
#45
2-Fluorobiphenyl
Concen: 82.499 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1874475
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 22.9 18.2 27.4

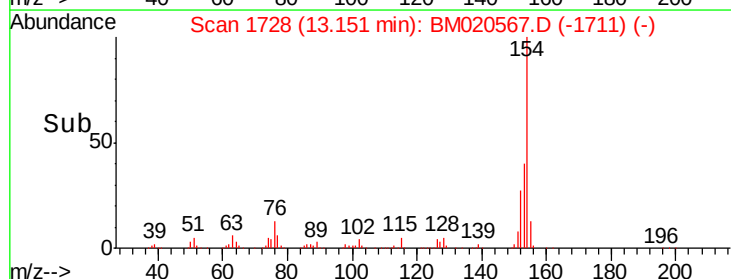
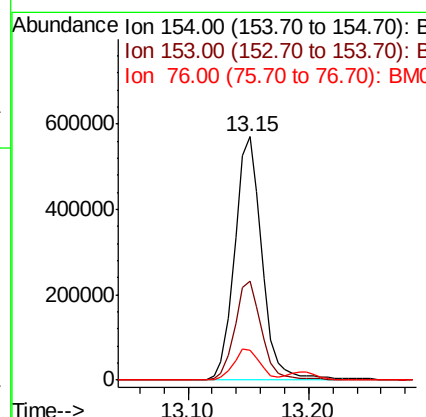
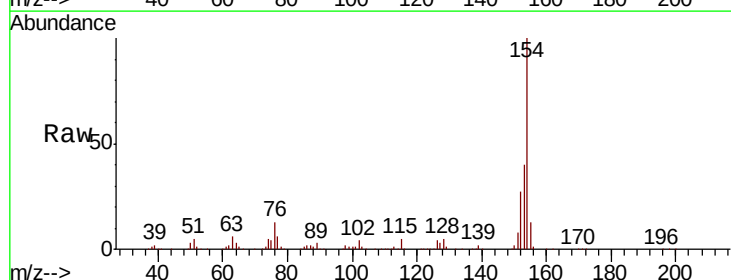
Manual Integrations
APPROVED

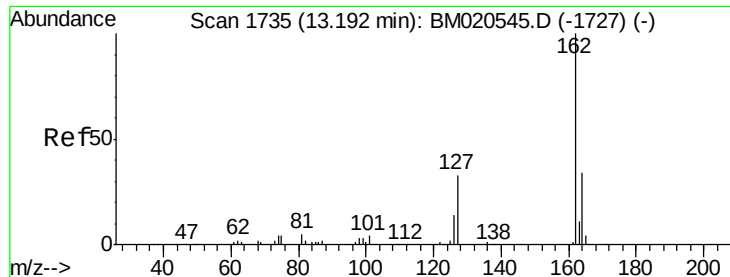
mohammad
5/28/2019 8:41:37 AM



#46
1,1'-Biphenyl
Concen: 40.847 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion:154 Resp: 896911
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 12.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 41.276 ng

RT: 13.19 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

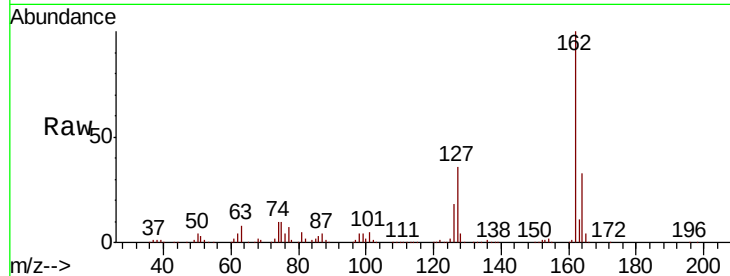
ClientSampleId :

SSTDCCC040EC

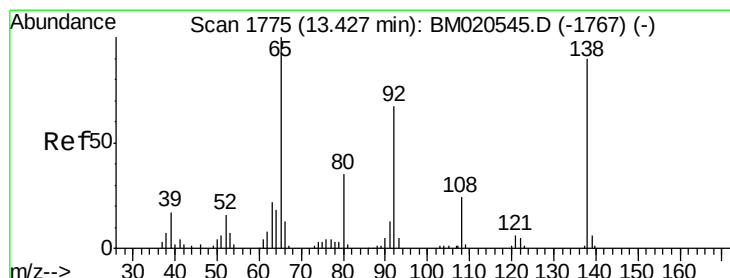
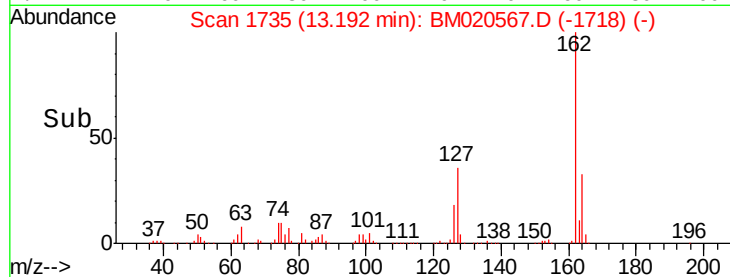
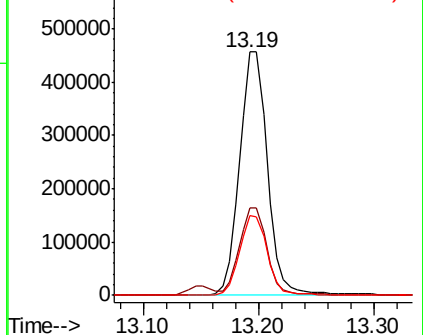
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	35.9	29.2	43.8		
164	32.8	27.4	41.2		

Manual Integrations
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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: 41.706 ng

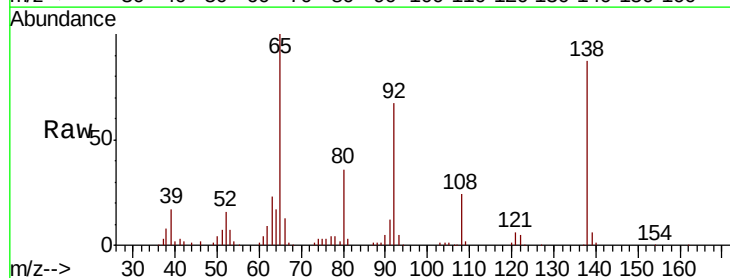
RT: 13.42 min Scan# 1774

Delta R.T. -0.01 min

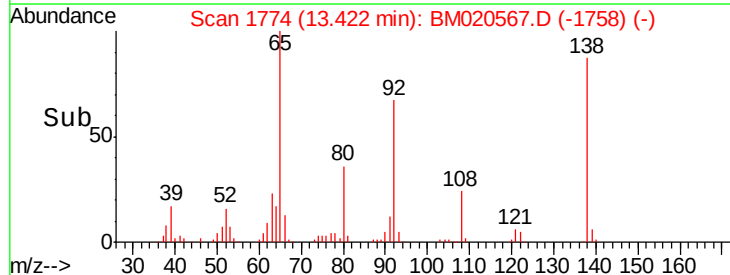
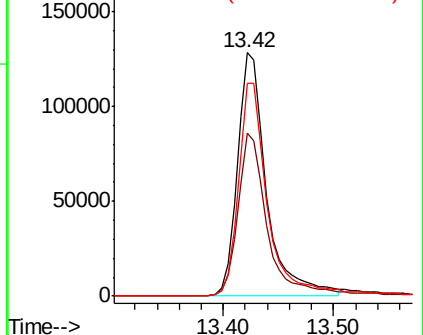
Lab File: BM020567.D

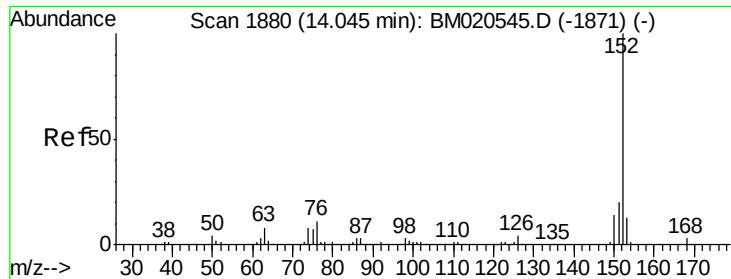
Acq: 25 May 2019 06:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	66.7	53.6	80.4		
138	87.3	72.0	108.0		



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: 39.811 ng

RT: 14.05 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1126946

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

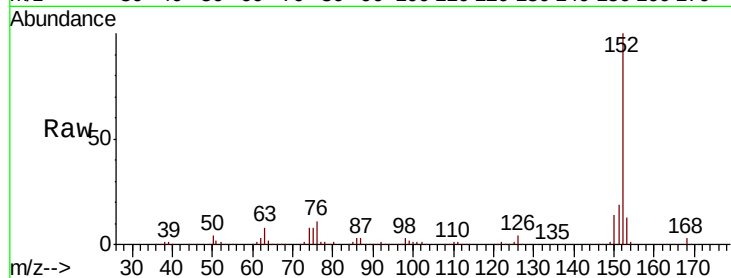
153 12.9 10.2 15.2

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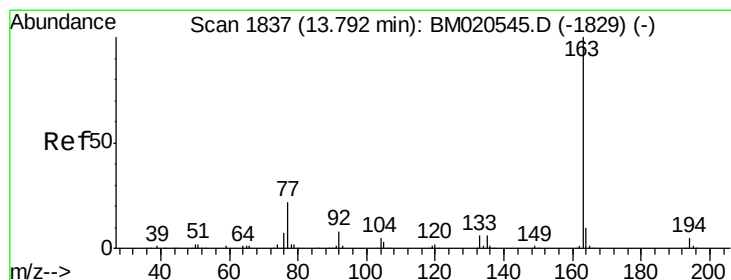
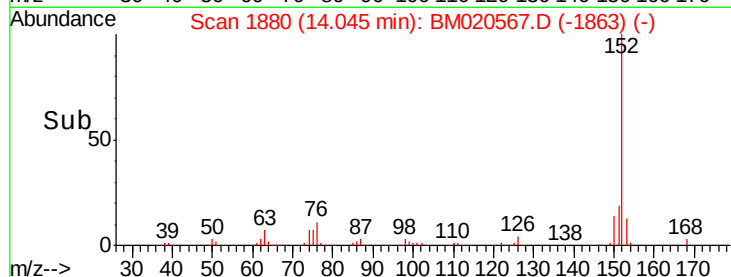
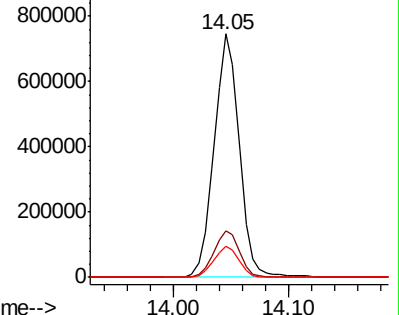
5/28/2019 8:41:37 AM



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: 37.825 ng

RT: 13.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

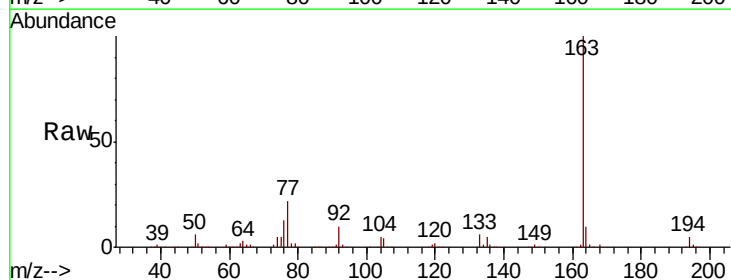
Tgt Ion:163 Resp: 955221

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

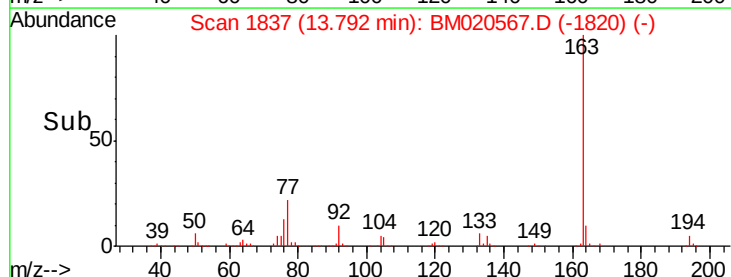
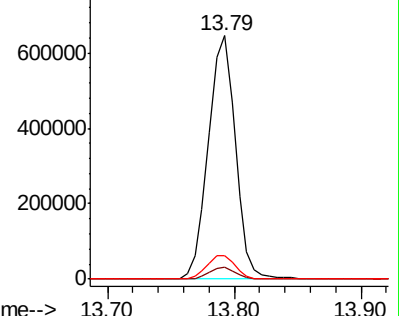
164 9.9 8.0 12.0

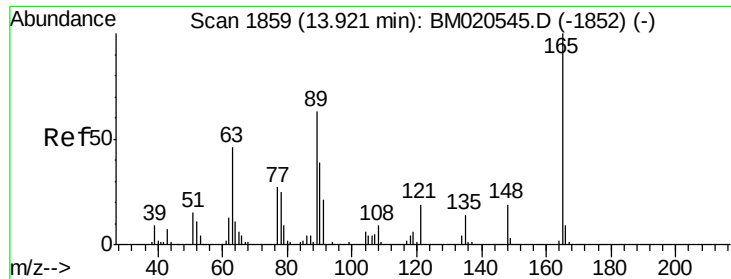


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





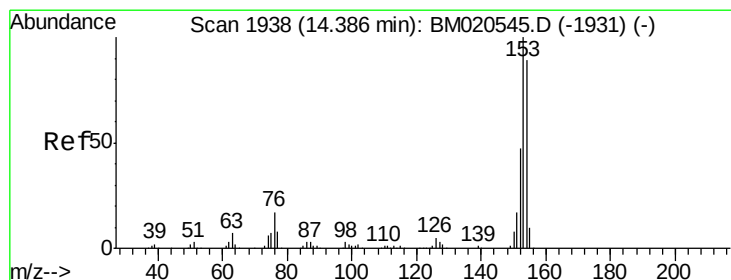
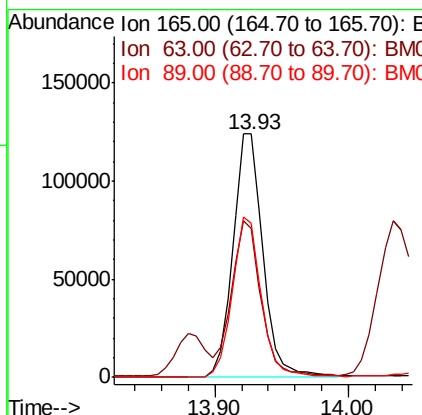
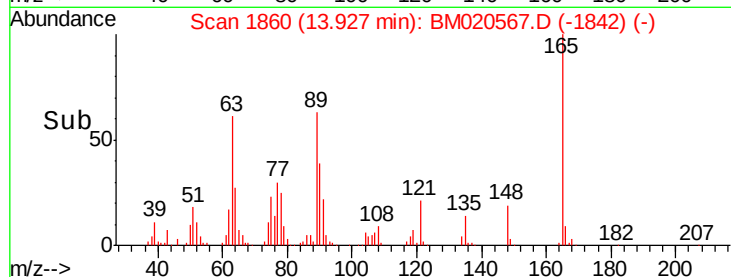
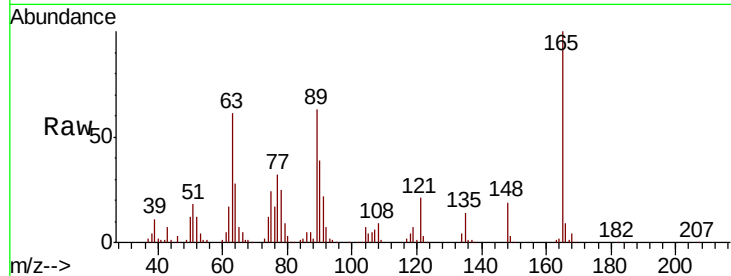
#51
 2,6-Dinitrotoluene
 Concen: 36.830 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	193852		
63	61.3	49.6	74.4	
89	63.4	50.8	76.2	

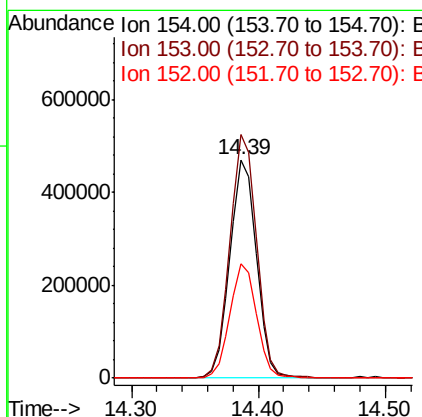
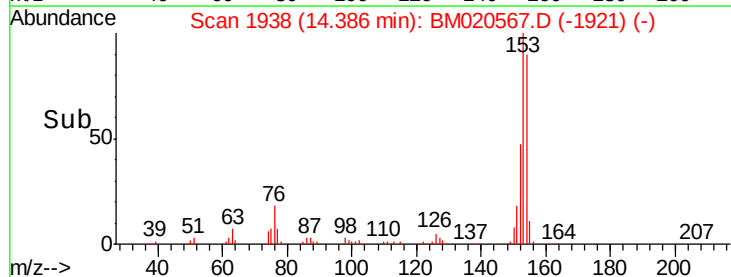
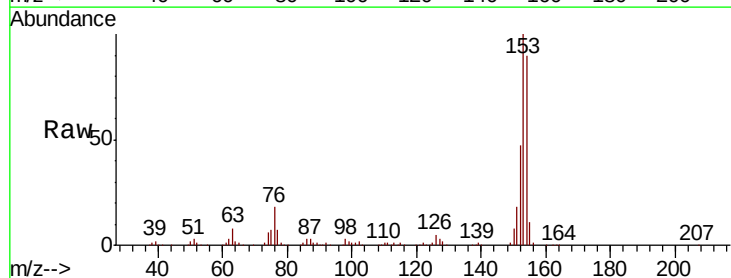
Manual Integrations
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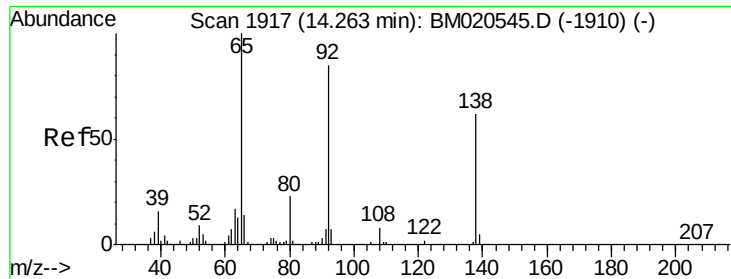
mohammad
 5/28/2019 8:41:37 AM



#52
 Acenaphthene
 Concen: 40.004 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	682416		
153	111.6	90.2	135.4	
152	52.4	42.0	63.0	





#53

3-Nitroaniline

Concen: 39.718 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 181155

Ion Ratio Lower Upper

138 100

108 11.9 10.1 15.1

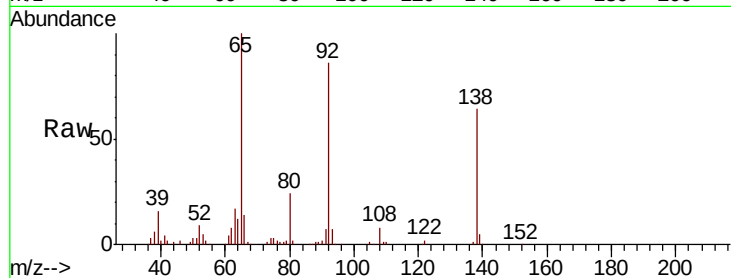
92 134.3 109.5 164.3

Manual Integrations

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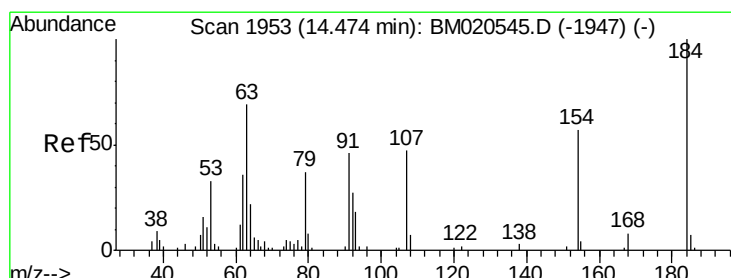
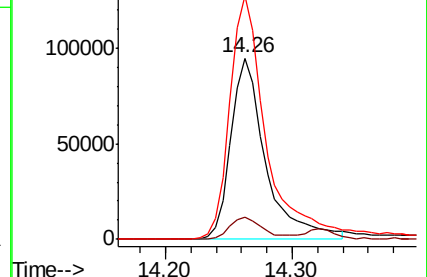
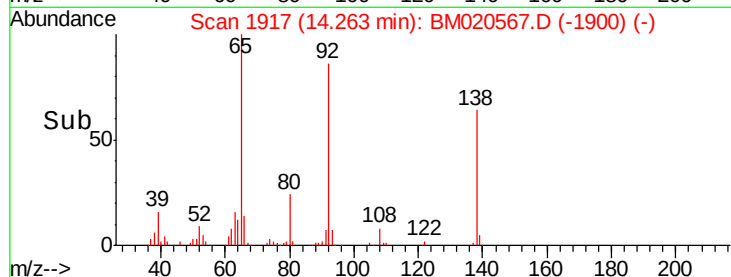
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 12.594 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

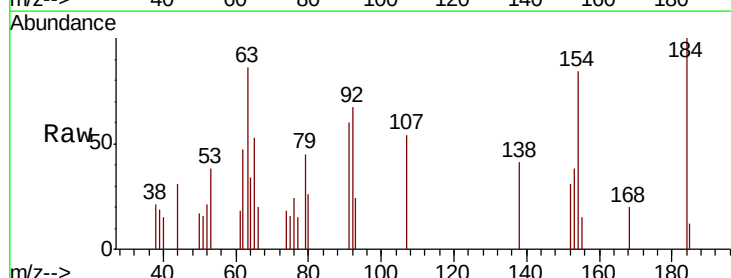
Tgt Ion:184 Resp: 6631

Ion Ratio Lower Upper

184 100

63 86.0 56.3 84.5#

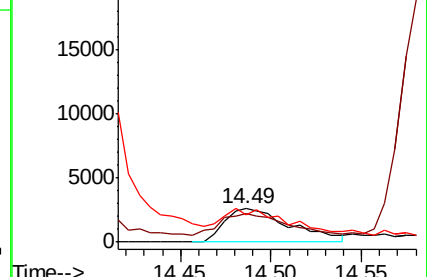
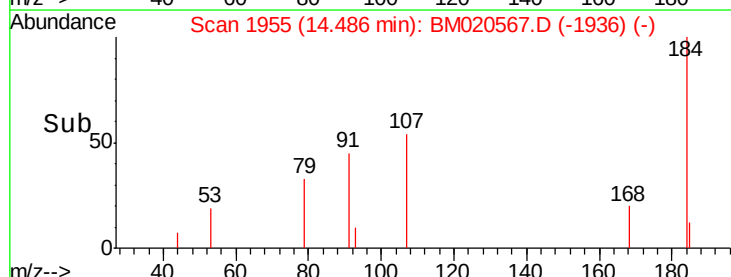
154 84.1 49.0 73.6#

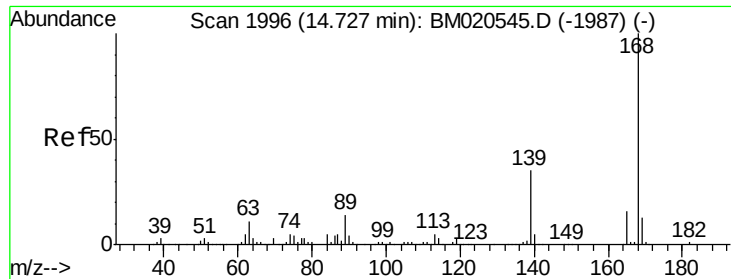


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





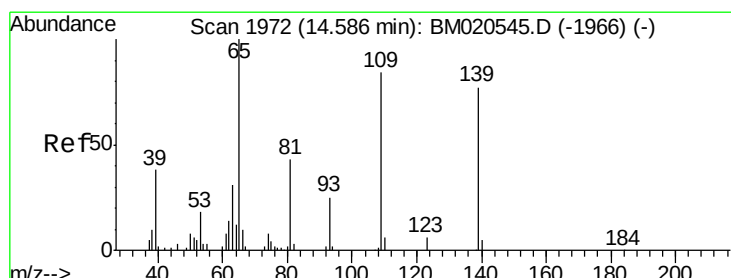
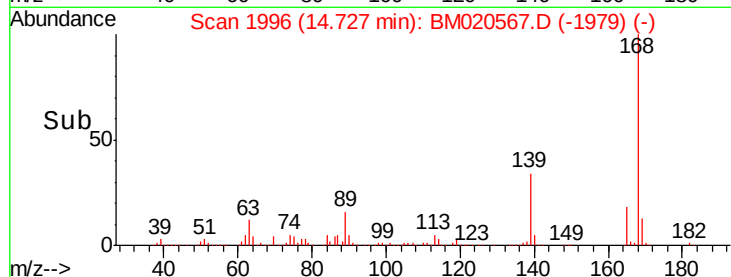
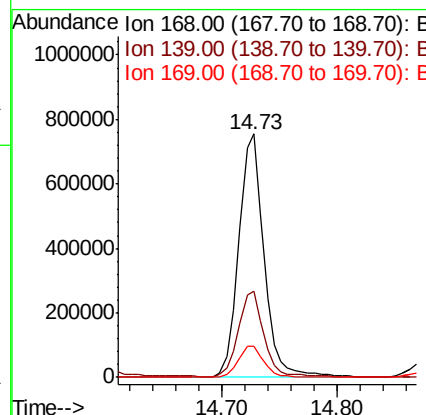
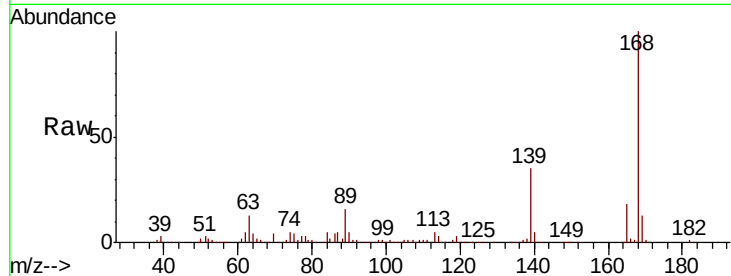
#55
Dibenzenofuran
Concen: 38.816 ng
RT: 14.73 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	28.2	42.4
169	12.7	10.6	16.0

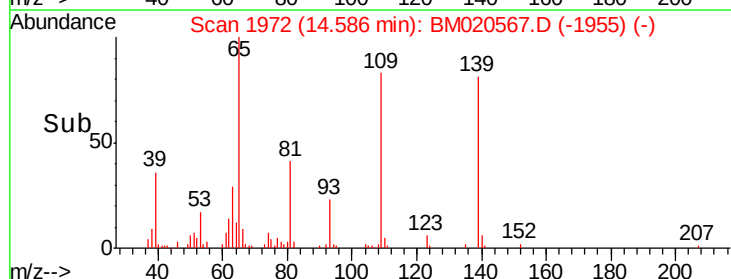
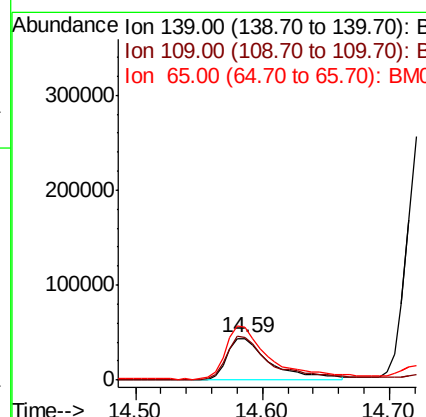
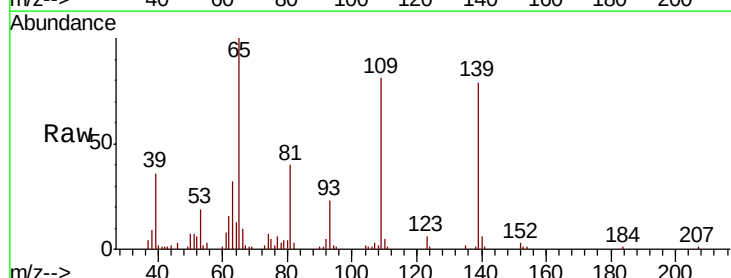
Manual Integrations
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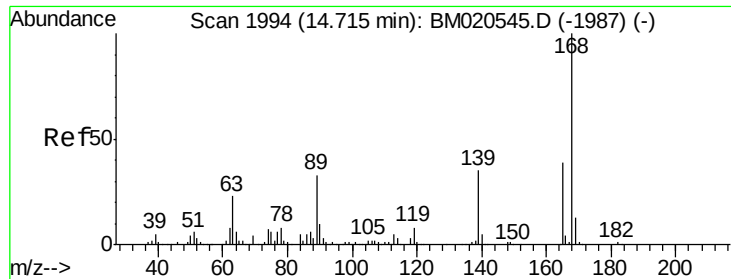
mohammad
5/28/2019 8:41:37 AM



#56
4-Nitrophenol
Concen: 35.817 ng
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.2	89.4	129.4
65	126.9	113.3	153.3





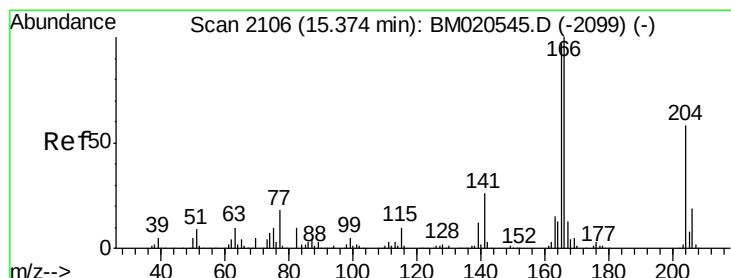
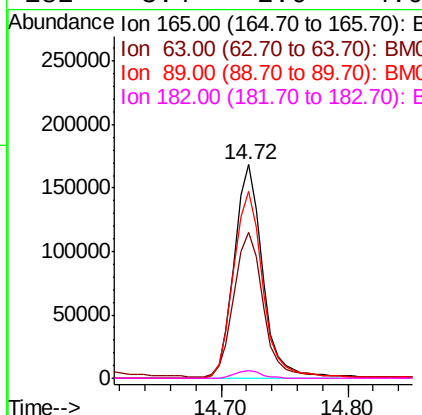
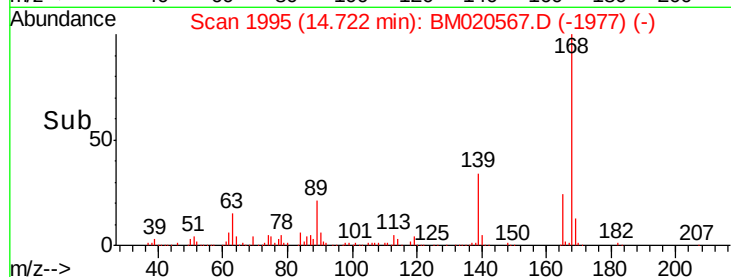
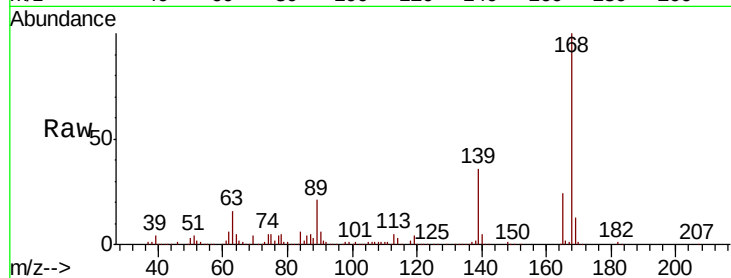
#57
2,4-Dinitrotoluene
Concen: 34.455 ng
RT: 14.72 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	165	Resp	261878
Ion Ratio	Lower	Upper	
165	100		
63	68.2	48.7	73.1
89	87.6	68.8	103.2
182	3.4	2.6	4.0

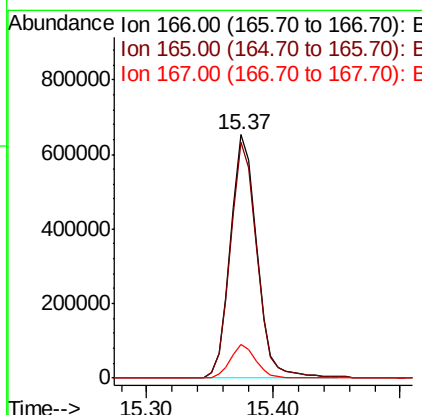
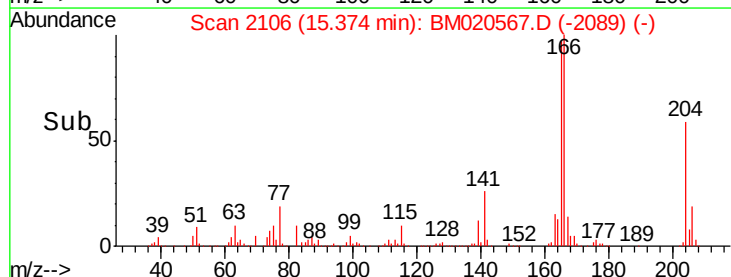
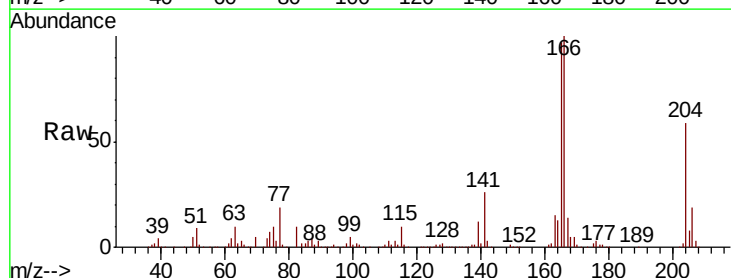
Manual Integrations
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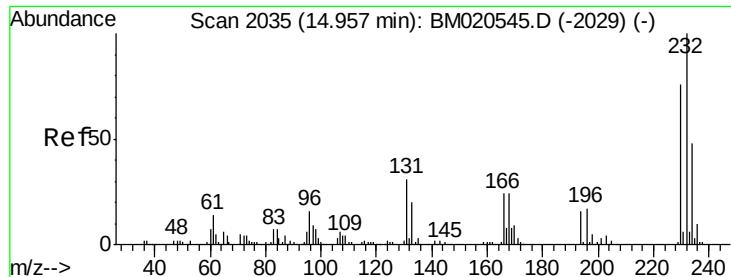
mohammad
5/28/2019 8:41:37 AM



#58
Fluorene
Concen: 38.532 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	166	Resp	944846
Ion Ratio	Lower	Upper	
166	100		
165	97.1	77.4	116.0
167	13.6	10.6	16.0





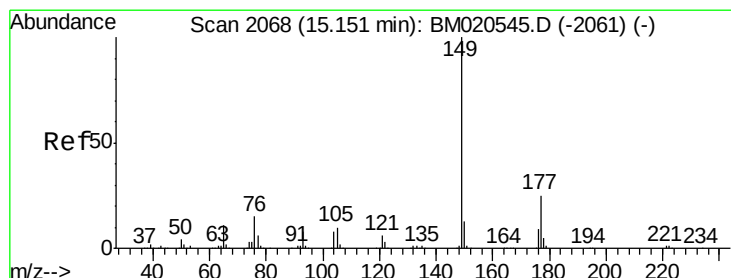
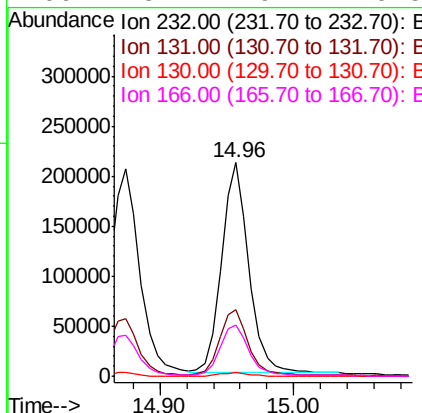
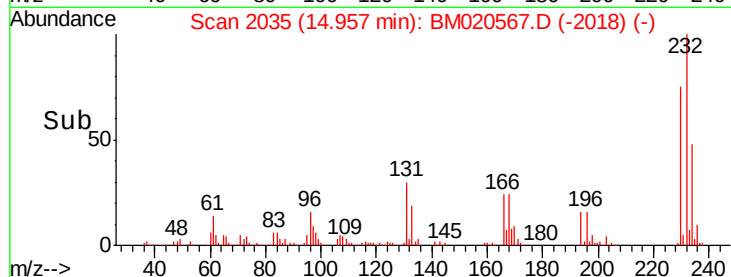
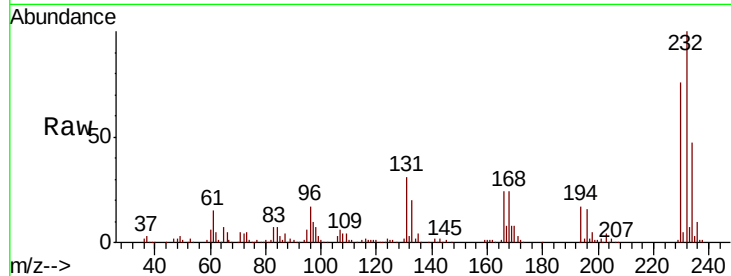
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.343 ng
RT: 14.96 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	300956		
131	33.2		25.4	38.0
130	1.8		1.5	2.3
166	25.7		19.7	29.5

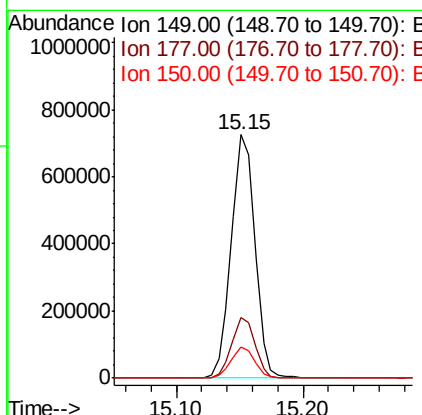
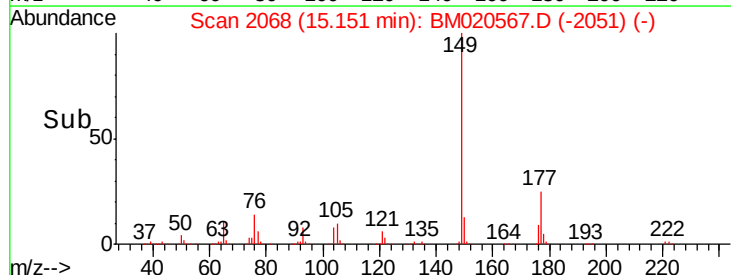
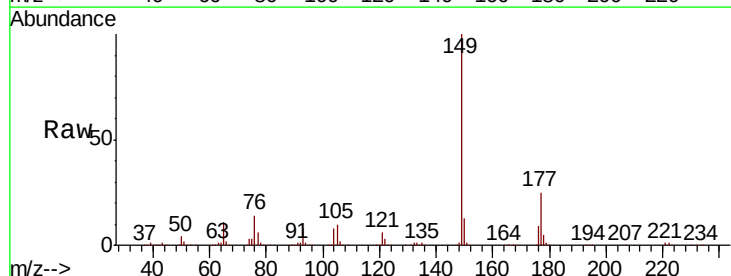
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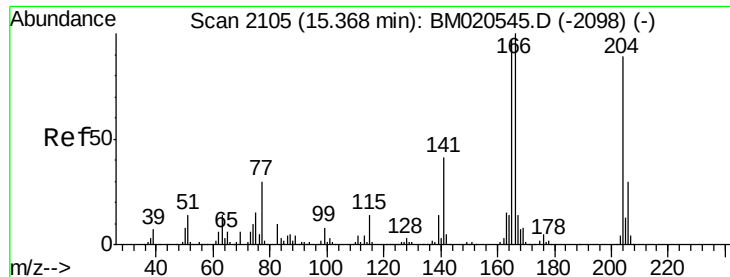
mohammad
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#60
Diethylphthalate
Concen: 37.648 ng
RT: 15.15 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	936729		
177	24.6		19.8	29.8
150	12.8		10.2	15.2





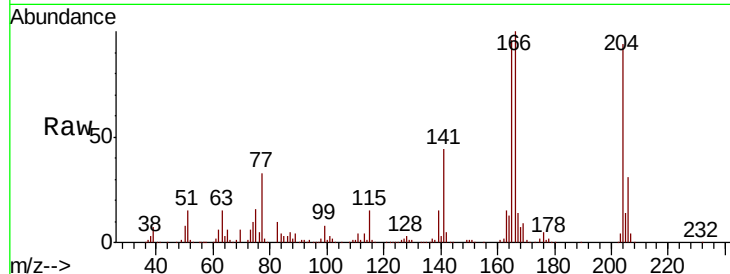
#61
4-Chlorophenyl-phenylether
Concen: 39.079 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	40.0
141	46.9	36.9	55.3

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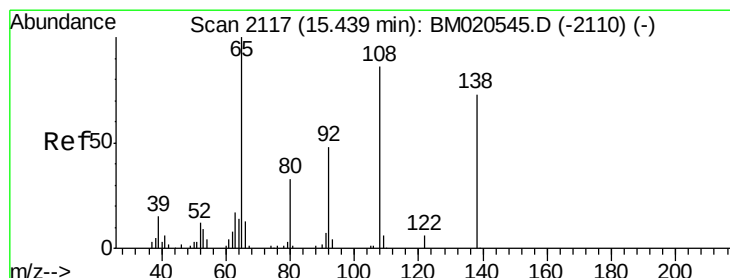
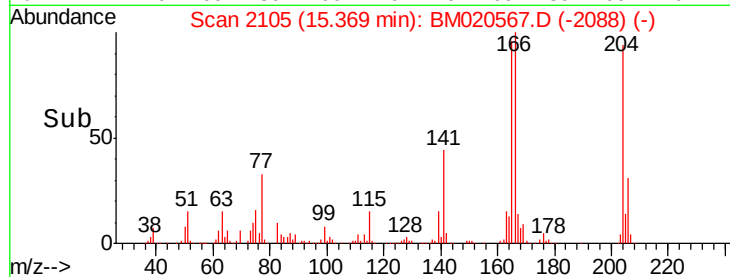
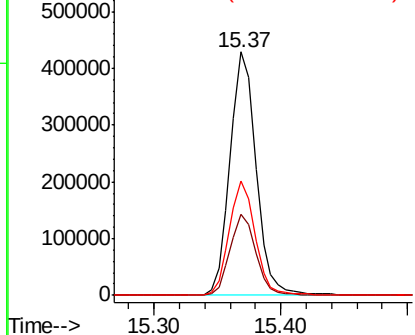


Abundance

Ion 204.00 (203.70 to 204.70): E

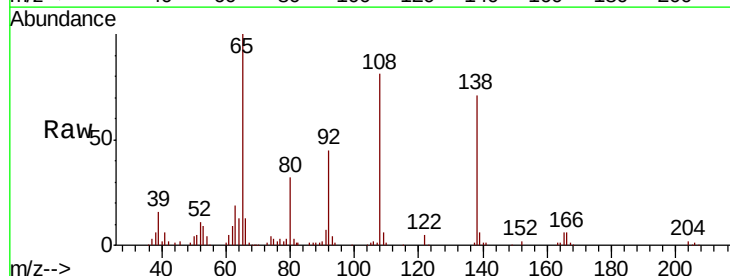
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.152 ng
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.0	44.5	84.5
108	114.7	95.9	135.9

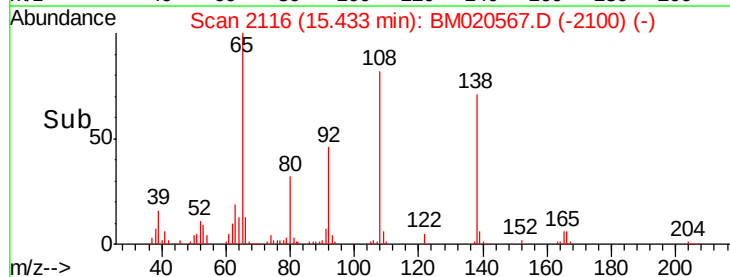
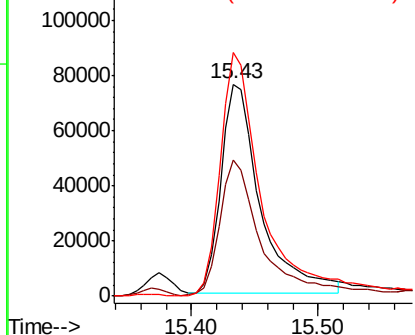


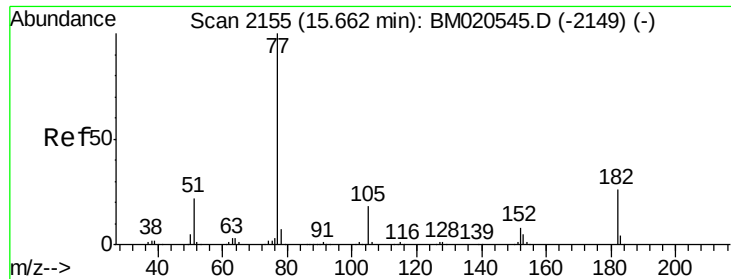
Abundance

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: 37.927 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

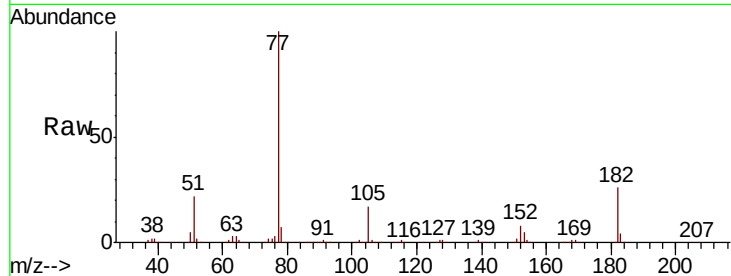
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.7	45.7
105	16.7	0.0	37.6
51	21.5	1.7	41.7

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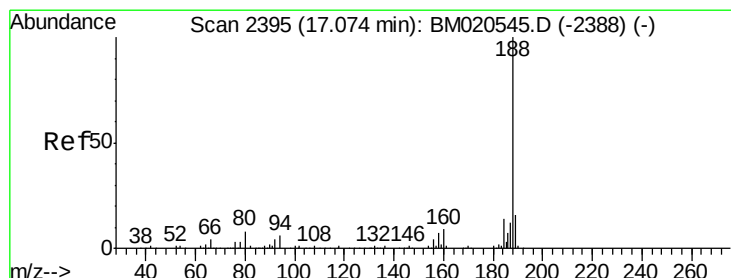
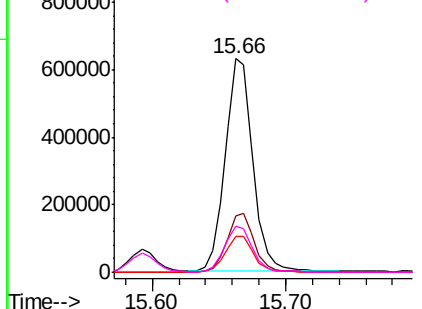
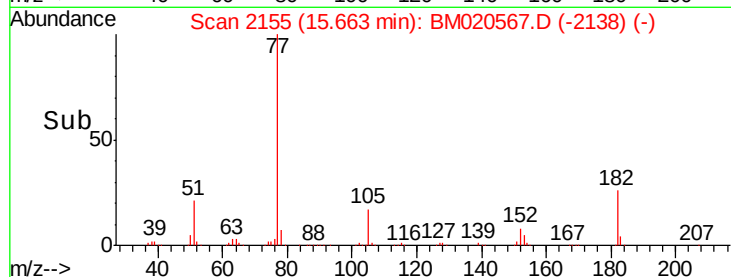


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BM020545.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-2149) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

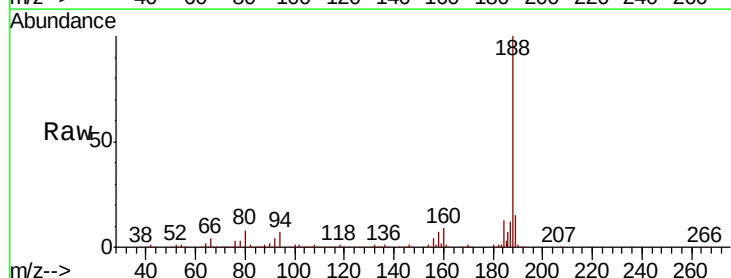
RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

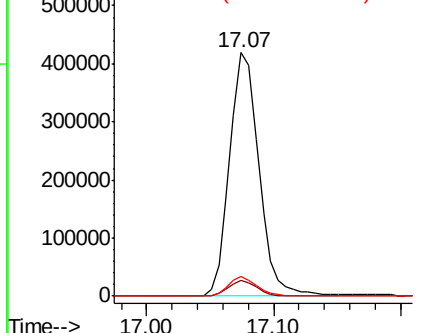
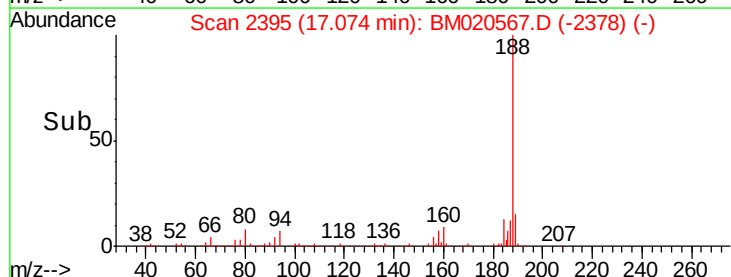
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.0	7.4
80	7.9	6.5	9.7

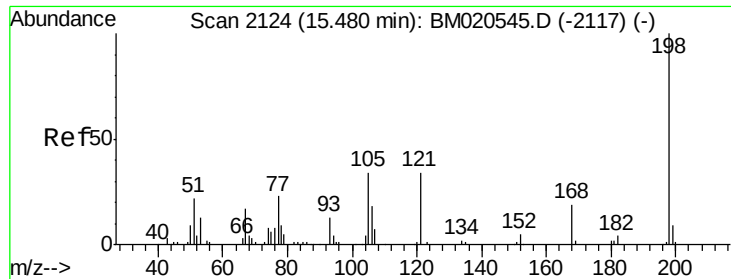


Abundance Ion 188.00 (187.70 to 188.70): BM020545.D (-2388) (-)

Ion 94.00 (93.70 to 94.70): BM020545.D (-2388) (-)

Ion 80.00 (79.70 to 80.70): BM020545.D (-2388) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 9.786 ng

RT: 15.49 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

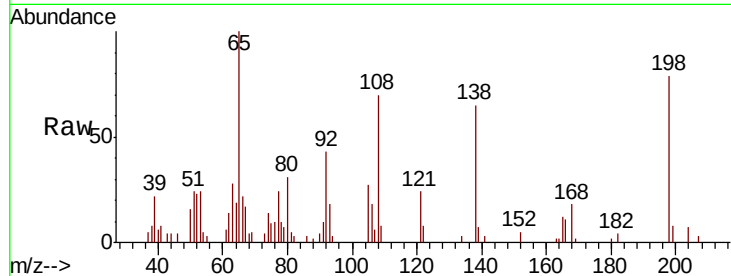
ClientSampleId :

SSTDCCC040EC

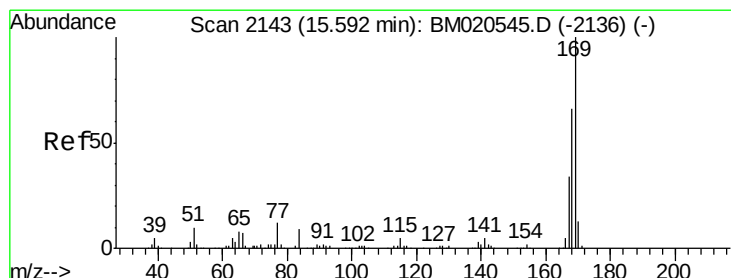
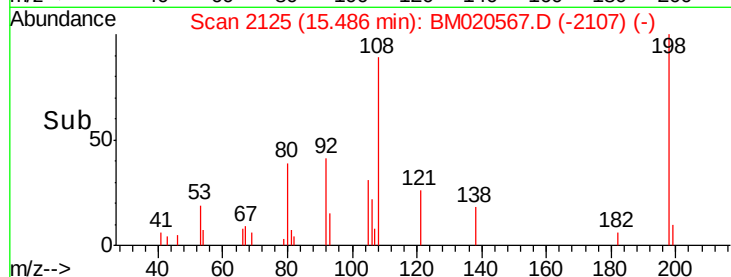
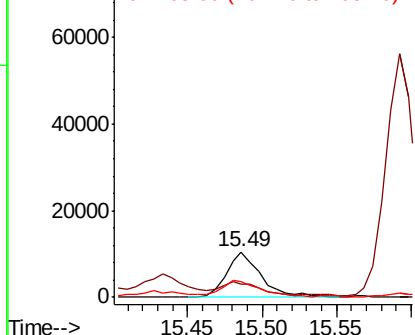
Tot Ion:	198	Resp:	17016
Ion Ratio	Lower	Upper	
198	100		
51	29.6	6.4	46.4
105	33.8	15.1	55.1

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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: 43.311 ng

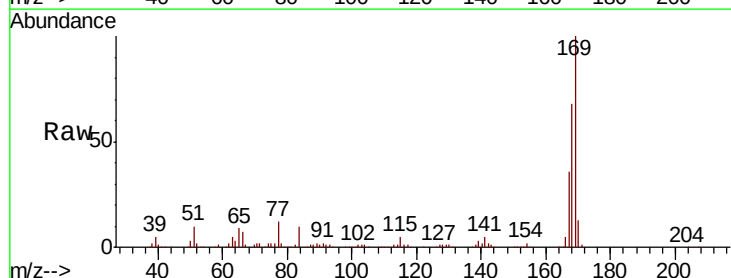
RT: 15.59 min Scan# 2143

Delta R.T. 0.00 min

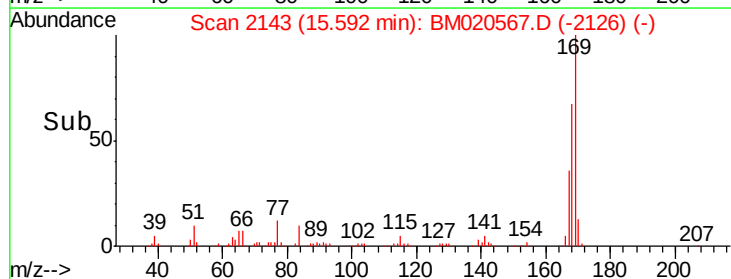
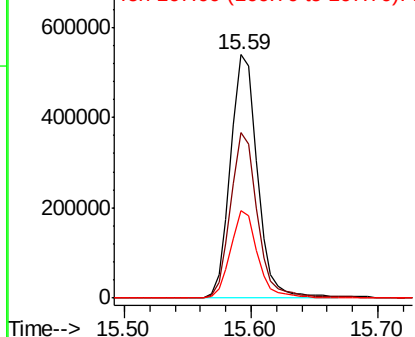
Lab File: BM020567.D

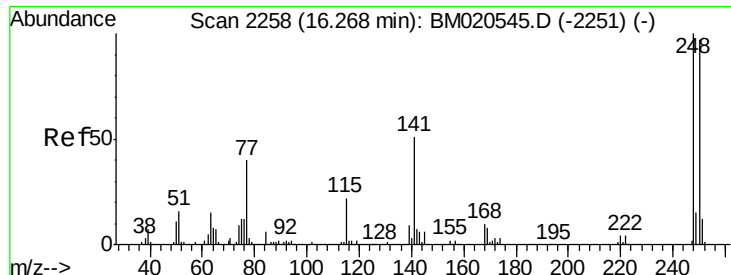
Acq: 25 May 2019 06:56

Tgt Ion:	169	Resp:	793399
Ion Ratio	Lower	Upper	
169	100		
168	67.8	52.5	78.7
167	35.9	27.5	41.3



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





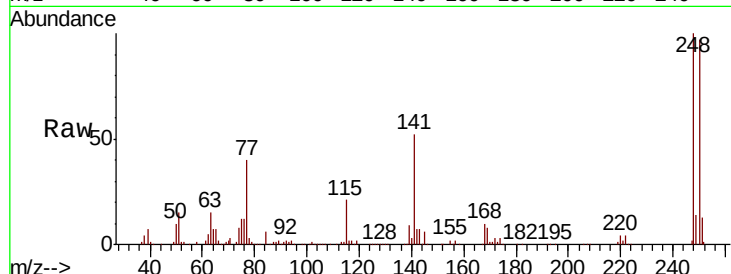
#67
4-Bromophenyl-phenylether
Concen: 43.660 ng
RT: 16.27 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	52.0	41.0	61.6

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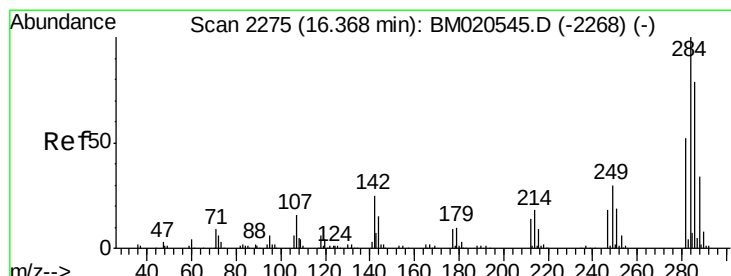
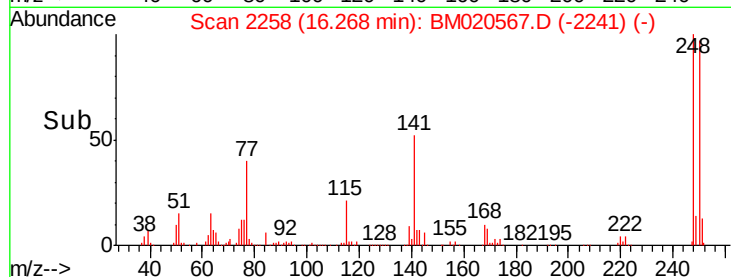
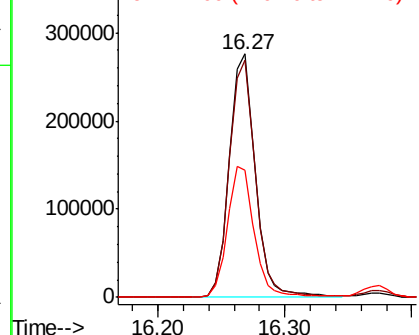


Abundance

Ion 248.00 (247.70 to 248.70): E

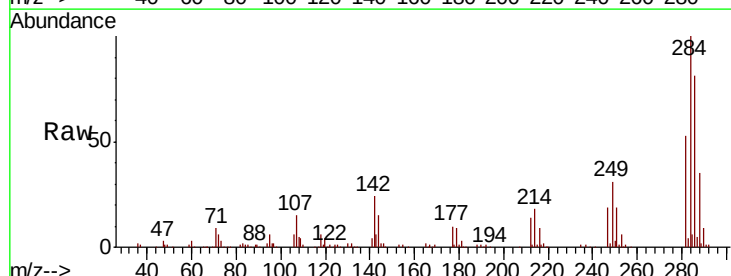
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.190 ng
RT: 16.37 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.1	20.2	30.2
249	30.5	23.9	35.9

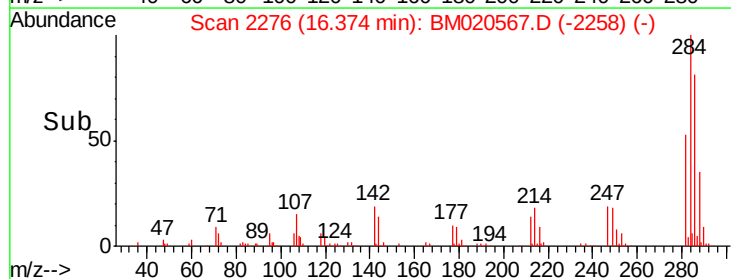
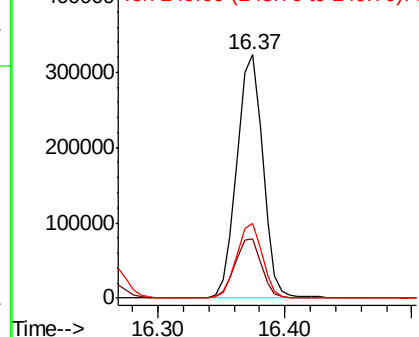


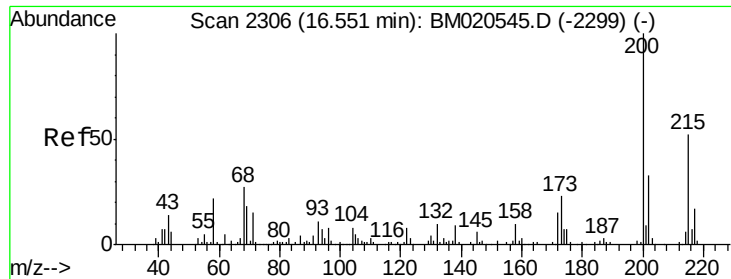
Abundance

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





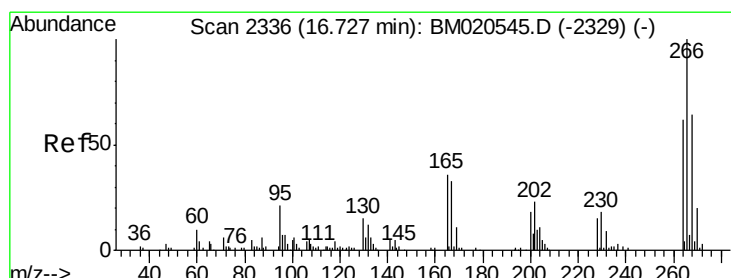
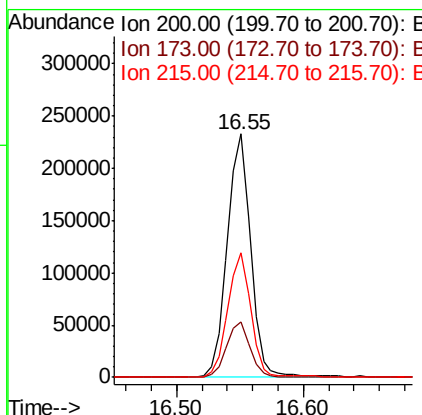
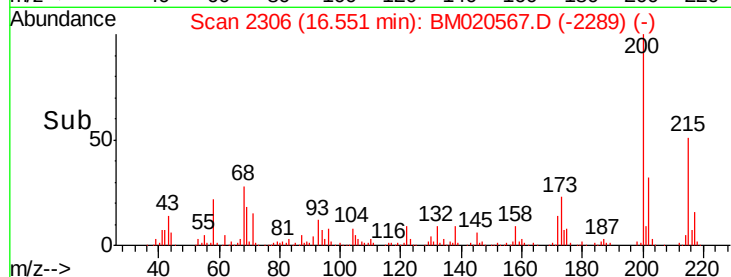
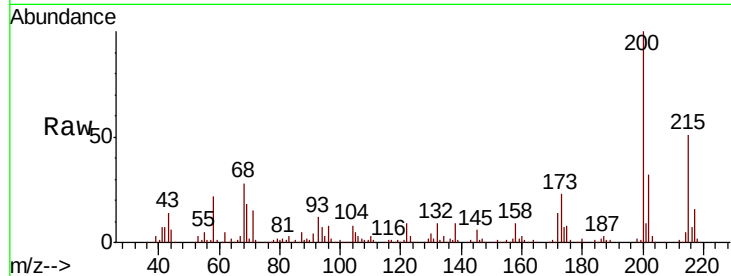
#69
Atrazine
Concen: 39.667 ng
RT: 16.55 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
200	100	298970		
173	22.7	3.2	43.2	
215	51.3	31.7	71.7	

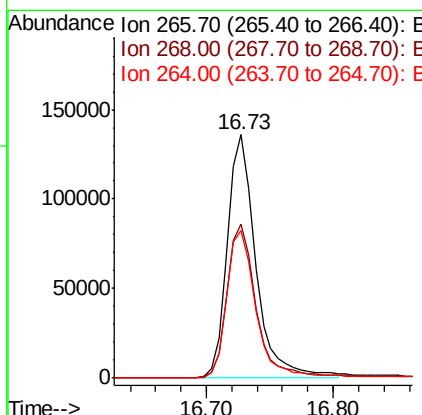
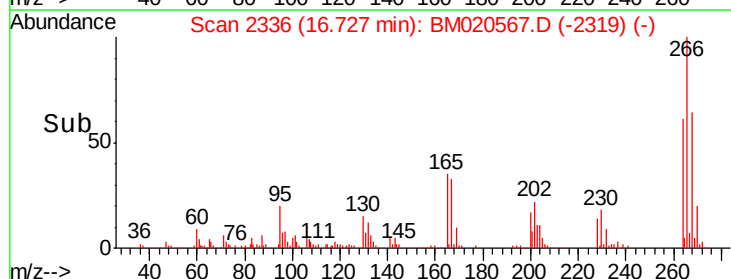
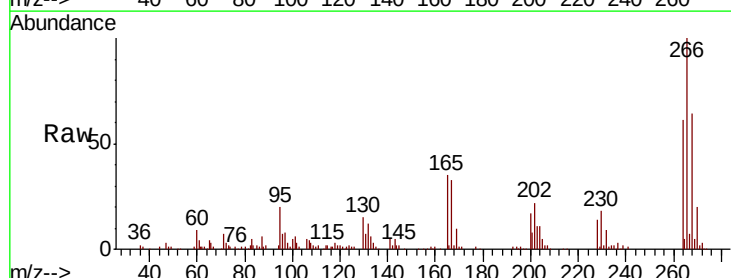
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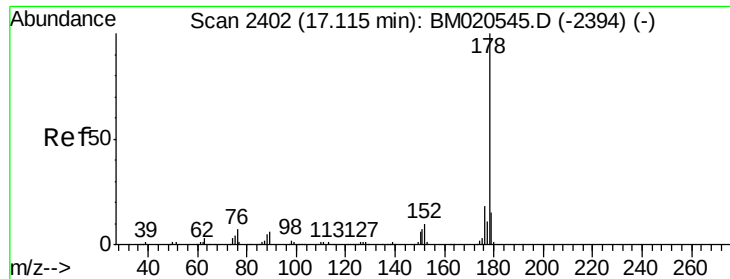
mohammad
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#70
Pentachlorophenol
Concen: 37.709 ng
RT: 16.73 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	212547		
268	63.5	51.0	76.4	
264	60.9	49.8	74.8	





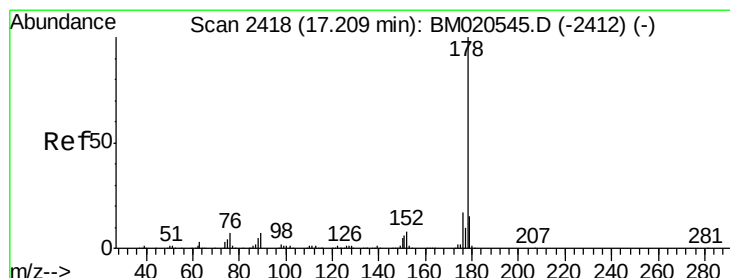
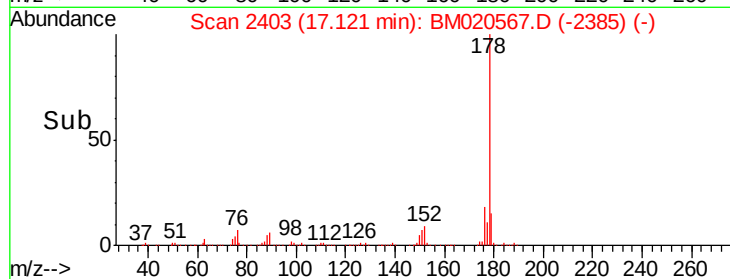
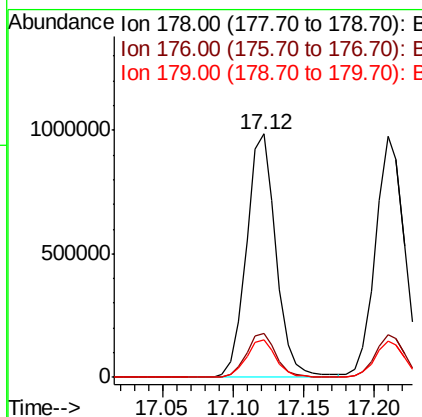
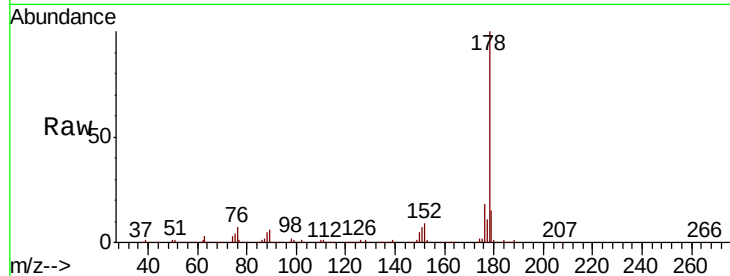
#71
Phenanthrene
Concen: 39.470 ng
RT: 17.12 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1448624
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.2 12.2 18.2

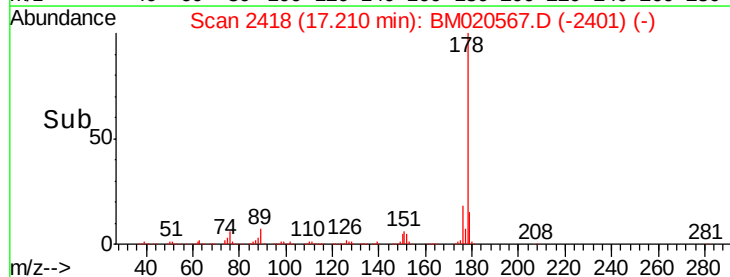
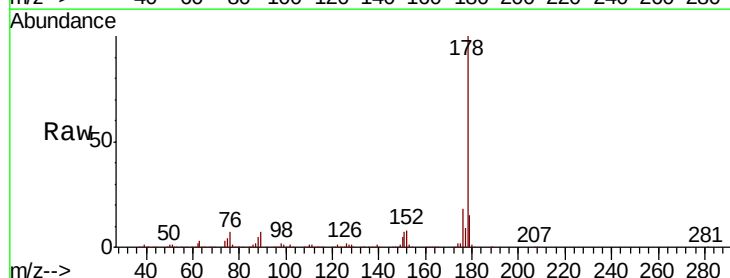
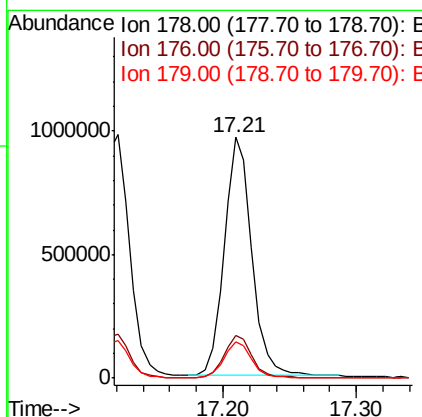
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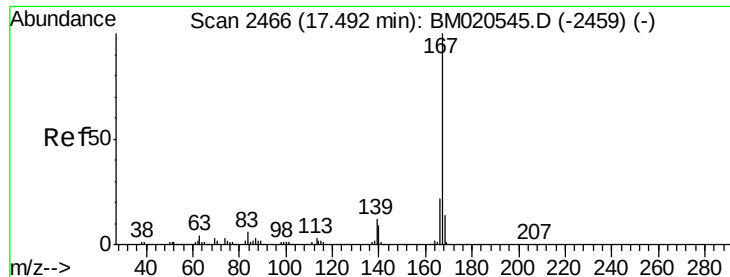
mohammad
5/28/2019 8:41:37 AM



#72
Anthracene
Concen: 39.045 ng
RT: 17.21 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion:178 Resp: 1389726
Ion Ratio Lower Upper
178 100
176 17.9 14.0 21.0
179 15.1 12.4 18.6





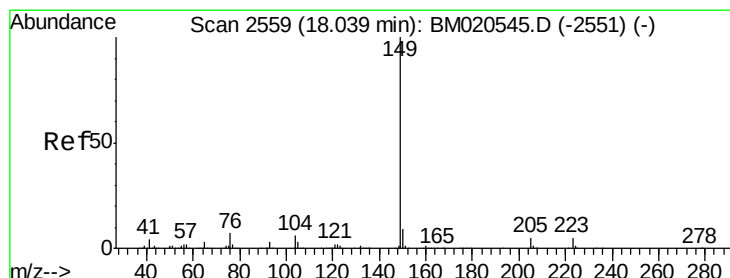
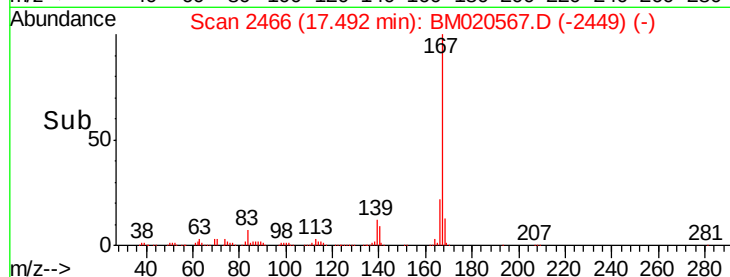
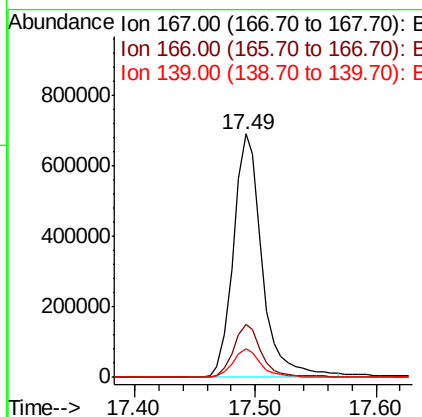
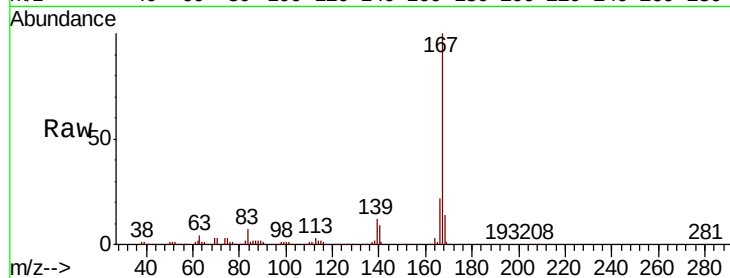
#73
 Carbazole
 Concen: 37.614 ng
 RT: 17.49 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	11.6	9.3	13.9

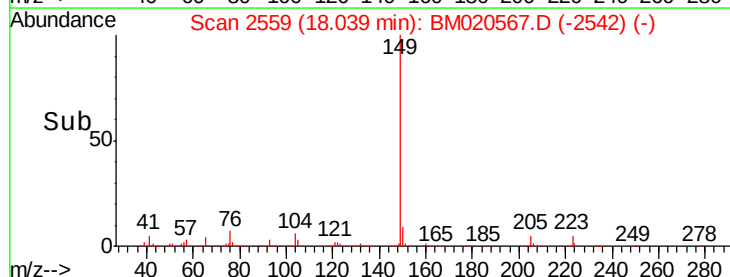
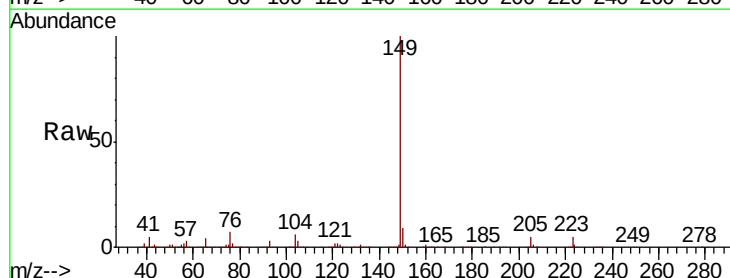
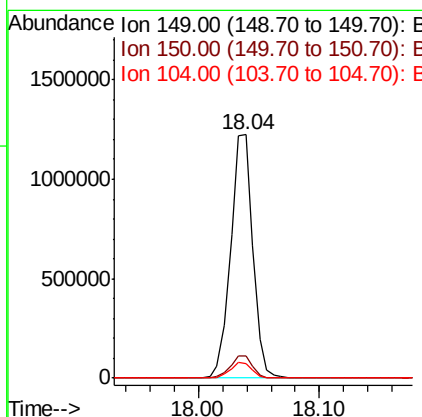
Manual Integrations
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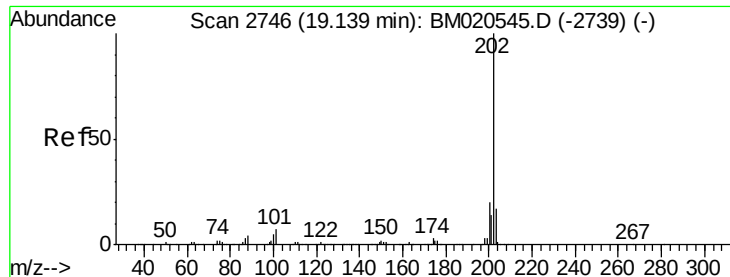
mohammad
 5/28/2019 8:41:37 AM



#74
 Di-n-butylphthalate
 Concen: 41.713 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. 0.00 min
 Lab File: BM020567.D
 Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 31.765 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

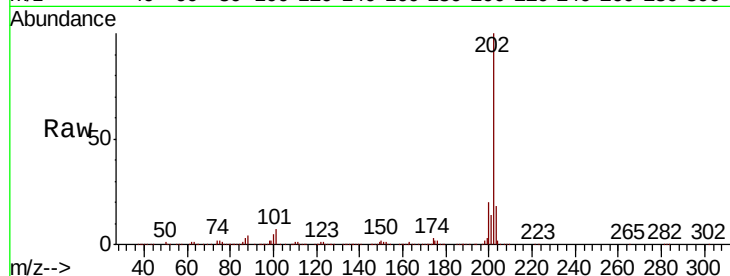
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1621240
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.7
203	17.5	0.0	37.4

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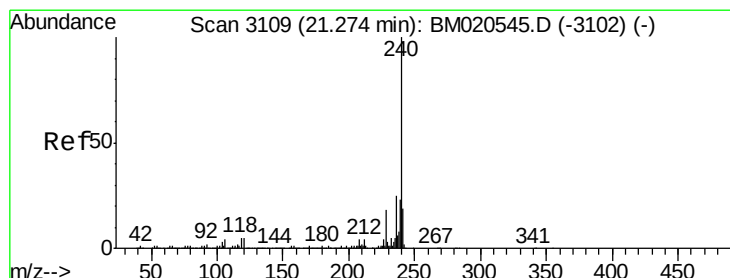
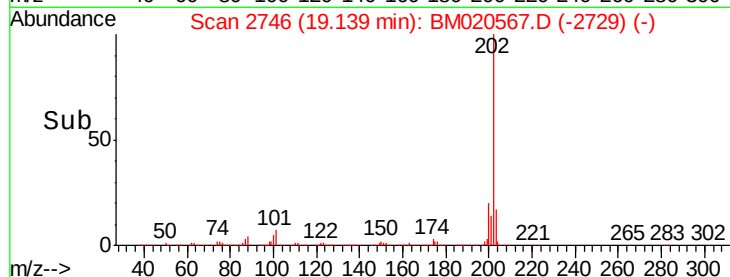
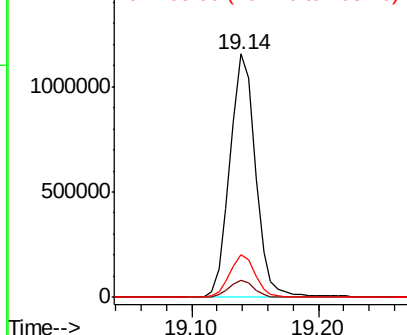


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

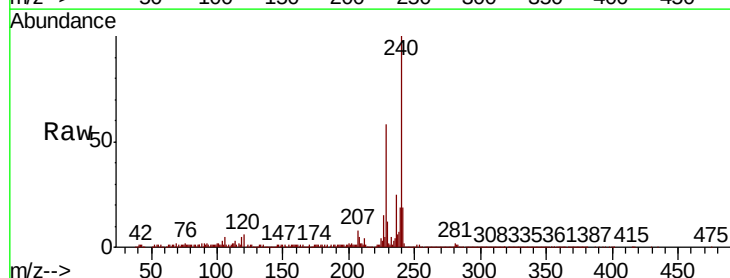
RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Tgt Ion:	240	Resp:	537056
Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.1	6.1
236	25.2	20.2	30.4

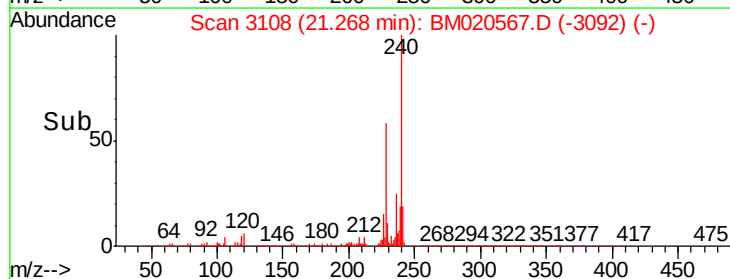
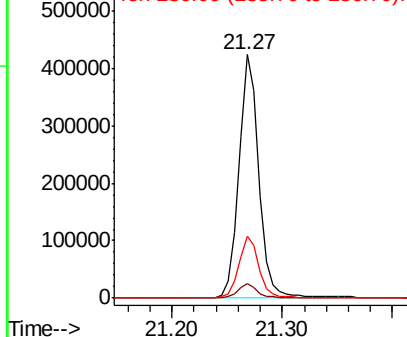


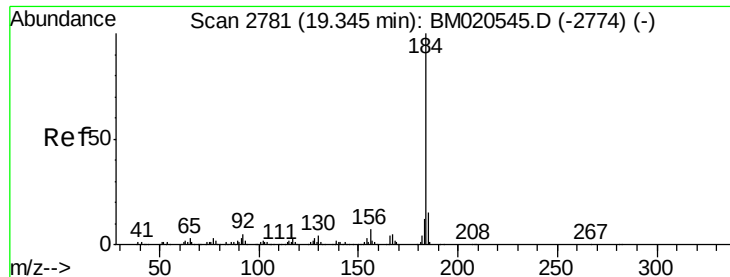
Abundance

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: 65.884 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 650258

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

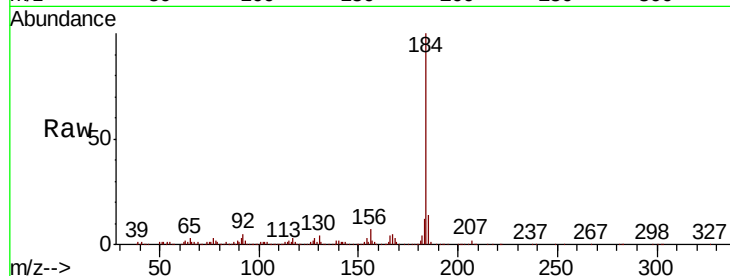
183 11.7 9.7 14.5

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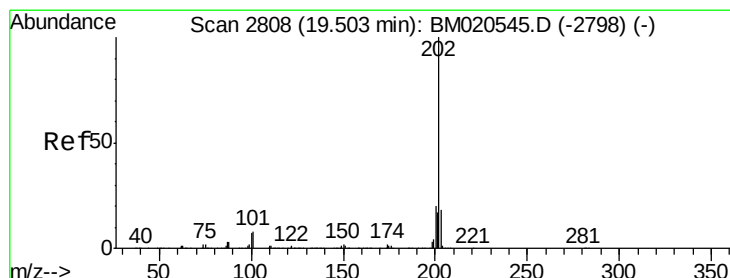
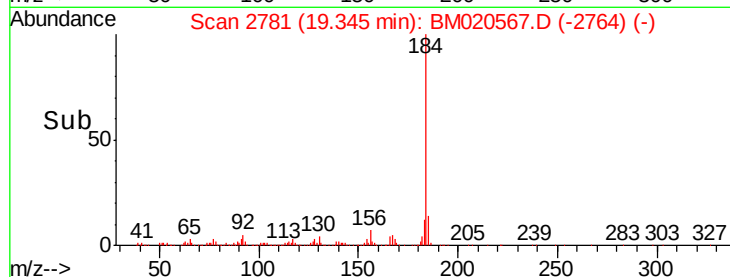
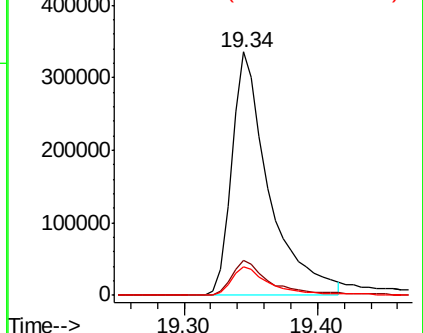
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.033 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

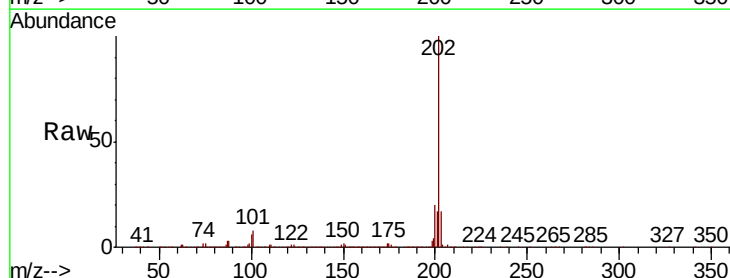
Tgt Ion:202 Resp: 1585804

Ion Ratio Lower Upper

202 100

200 20.1 16.0 24.0

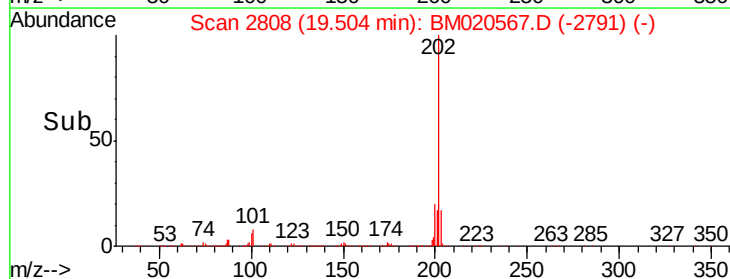
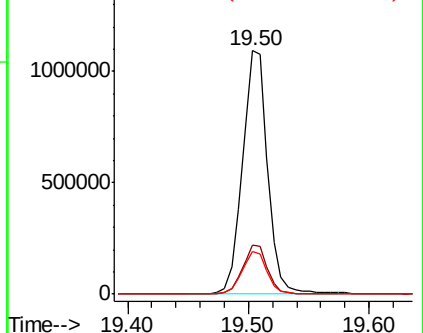
203 17.4 14.1 21.1

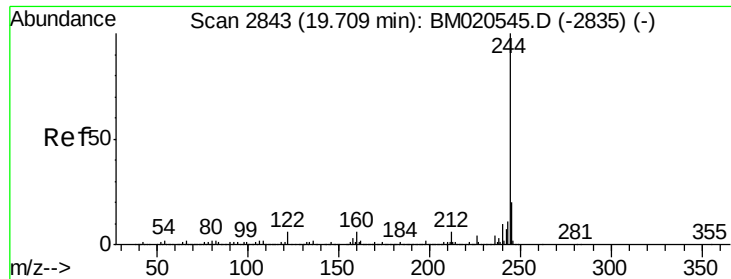


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.534 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2897533

Ion Ratio Lower Upper

244 100

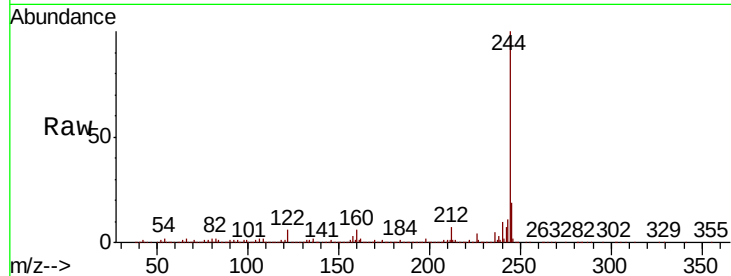
212 6.7 5.0 7.6

122 5.8 4.6 7.0

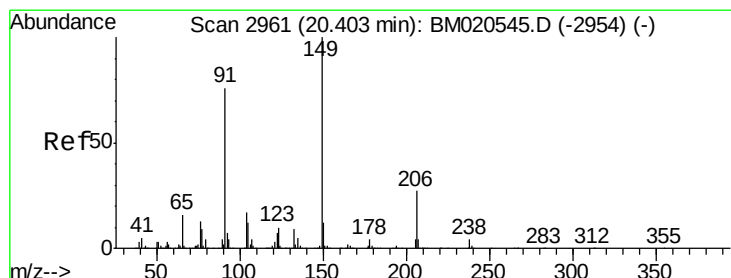
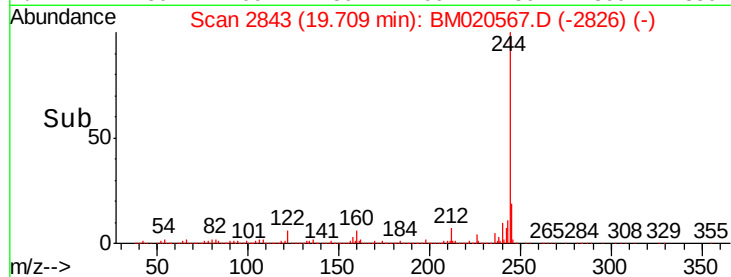
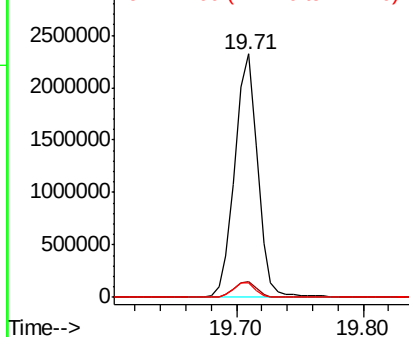
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.678 ng

RT: 20.40 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

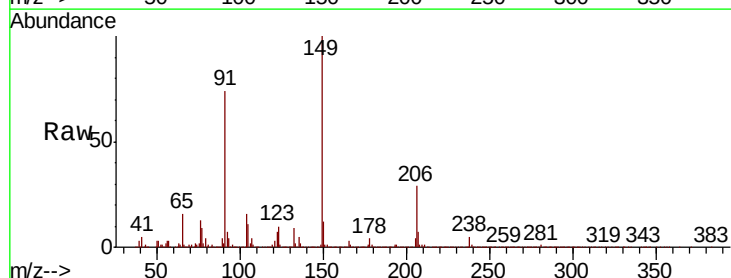
Tgt Ion:149 Resp: 564824

Ion Ratio Lower Upper

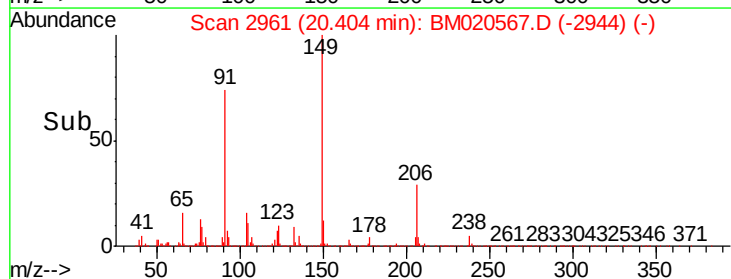
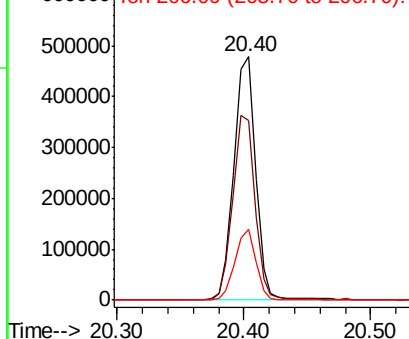
149 100

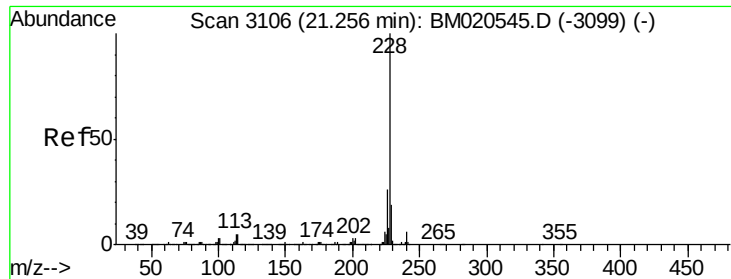
91 73.7 60.9 91.3

206 29.3 21.6 32.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.377 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

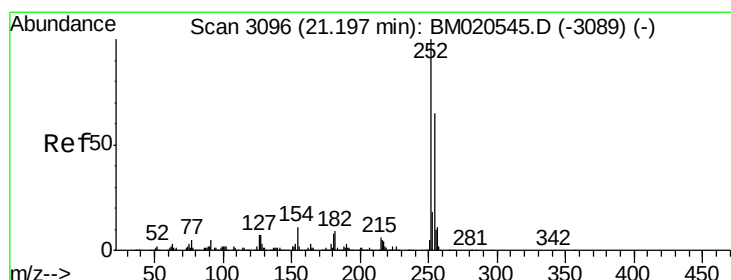
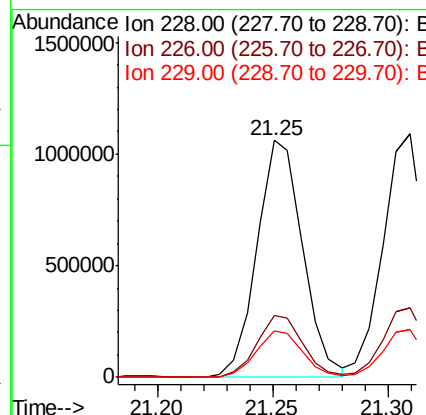
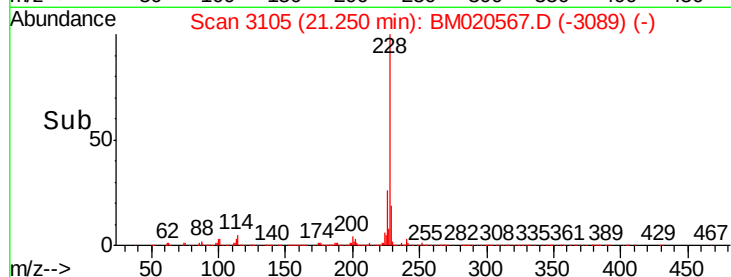
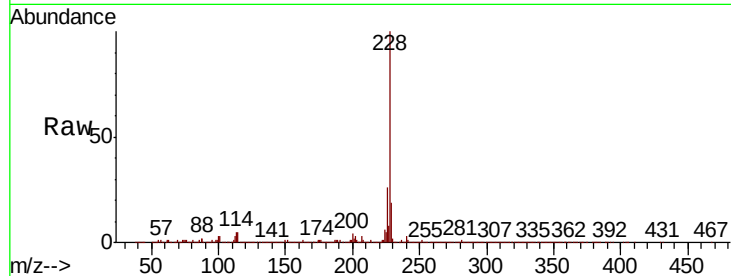
ClientSampleId :

SSTDCCC040EC

Tot Ion:	228	Resp:	1463657
Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	19.5	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 43.822 ng

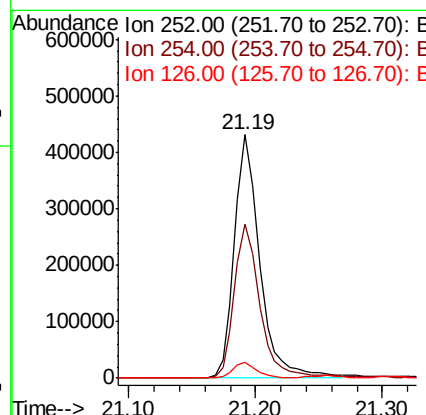
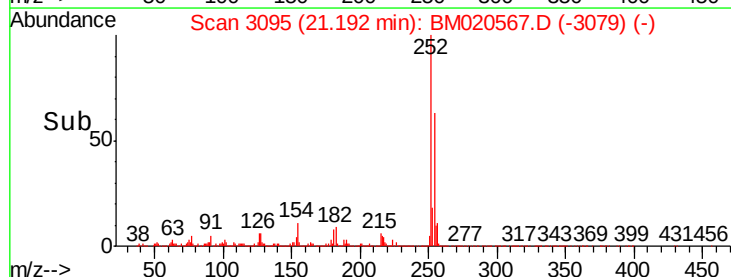
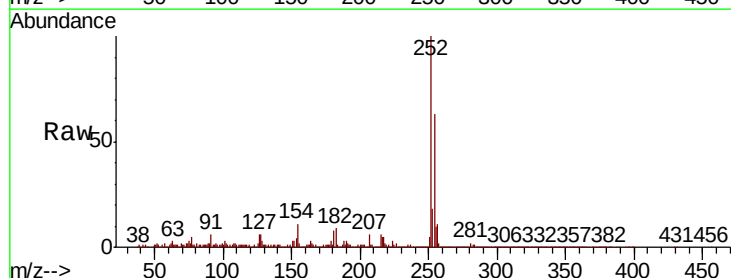
RT: 21.19 min Scan# 3095

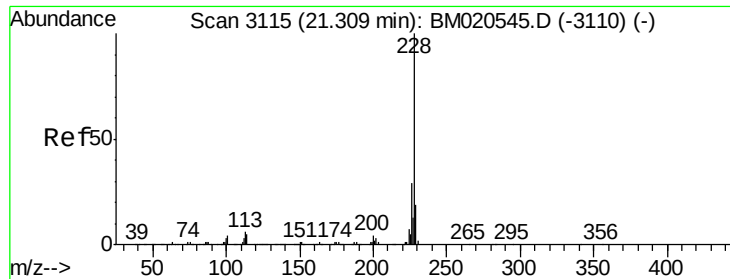
Delta R.T. -0.01 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Tgt Ion:	252	Resp:	594524
Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.8	77.6
126	6.3	5.2	7.8





#83

Chrysene

Concen: 39.795 ng

RT: 21.31 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1429303

Ion Ratio Lower Upper

228 100

226 28.4 22.9 34.3

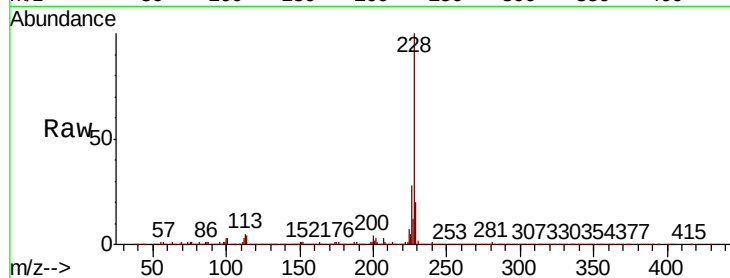
229 19.5 15.4 23.2

Manual Integrations

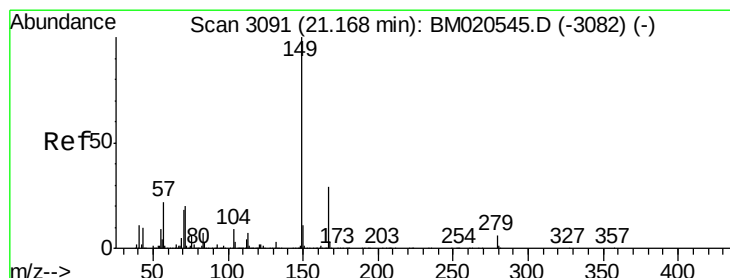
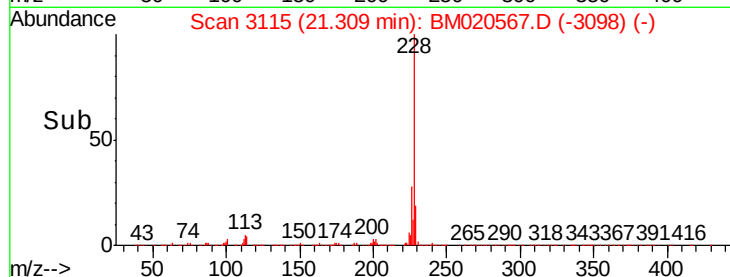
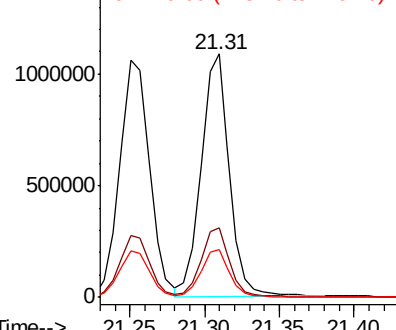
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.178 ng

RT: 21.17 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

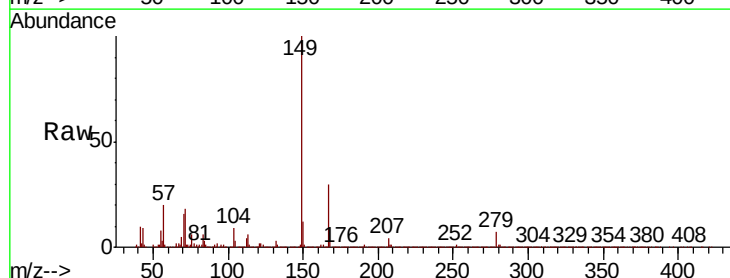
Tgt Ion:149 Resp: 797329

Ion Ratio Lower Upper

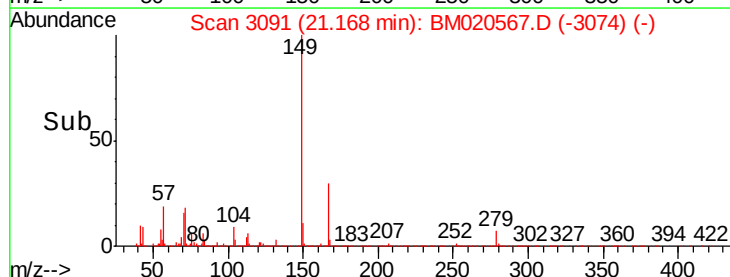
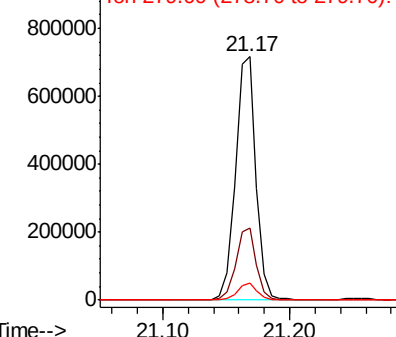
149 100

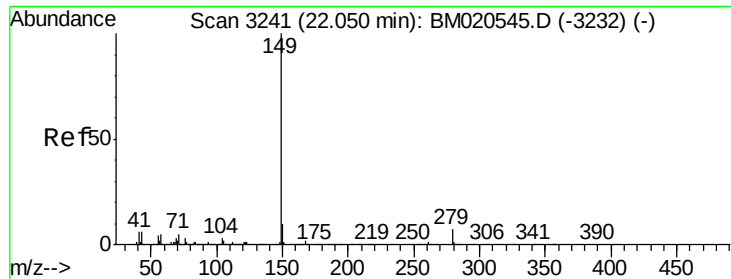
167 29.7 22.9 34.3

279 7.1 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.946 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1259075

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

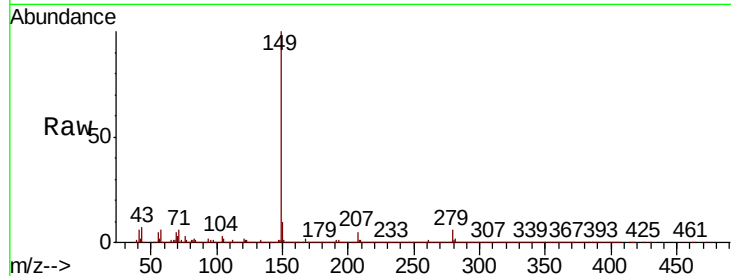
43 6.1 4.8 7.2

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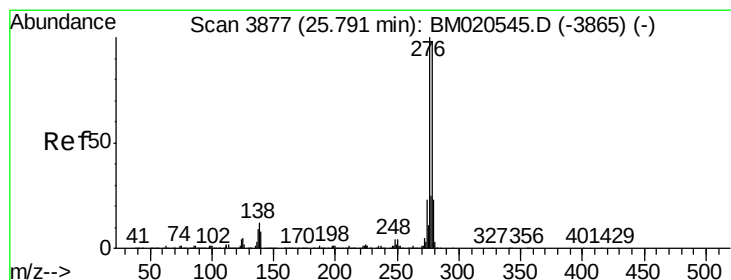
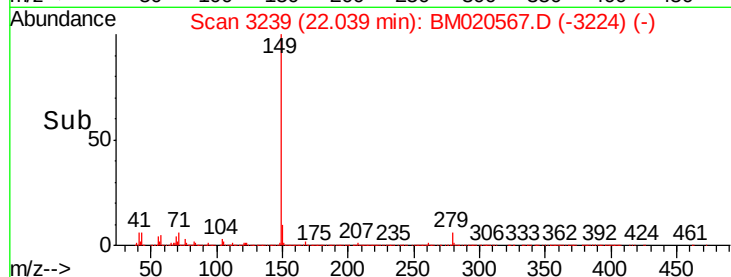
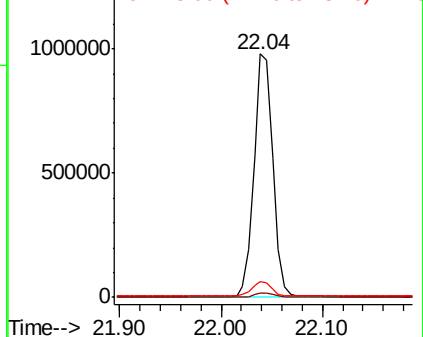
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.429 ng

RT: 25.79 min Scan# 3877

Delta R.T. 0.00 min

Lab File: BM020567.D

Acq: 25 May 2019 06:56

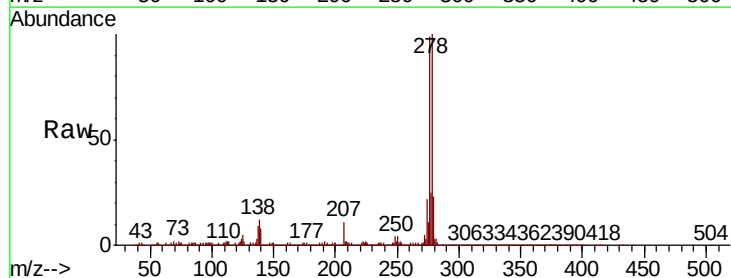
Tgt Ion:276 Resp: 1712277

Ion Ratio Lower Upper

276 100

138 11.9 9.7 14.5

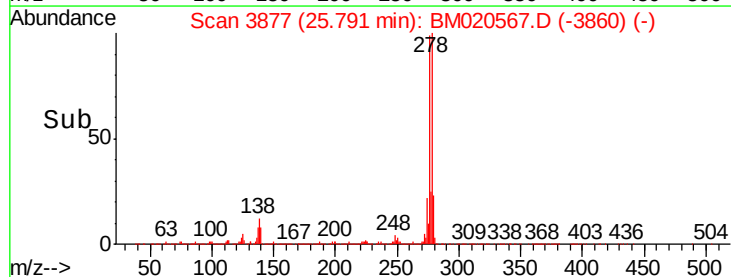
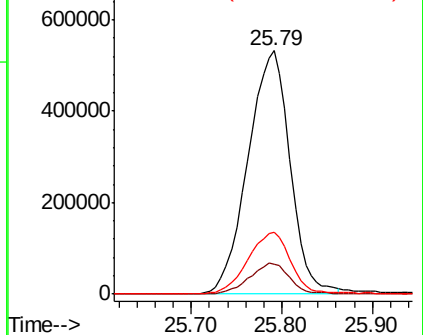
277 25.2 20.4 30.6

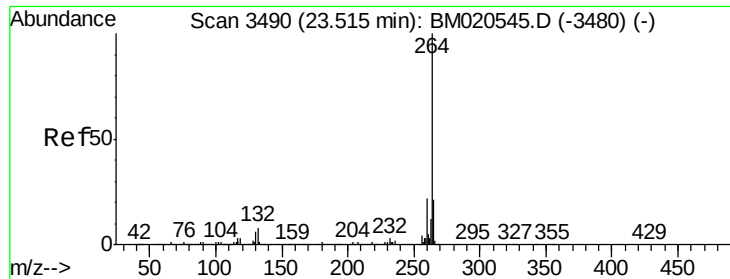


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





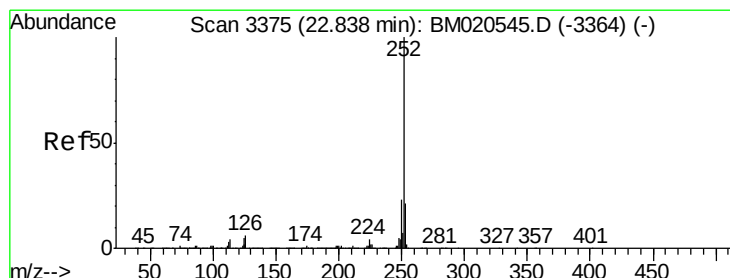
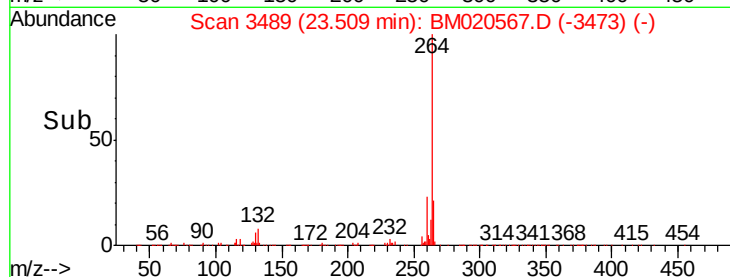
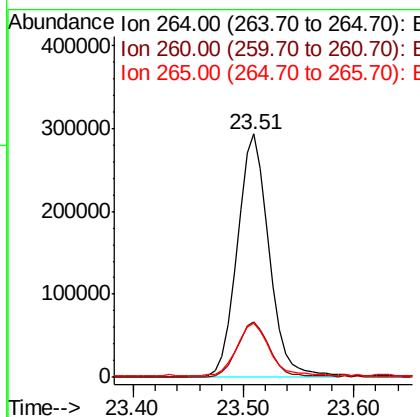
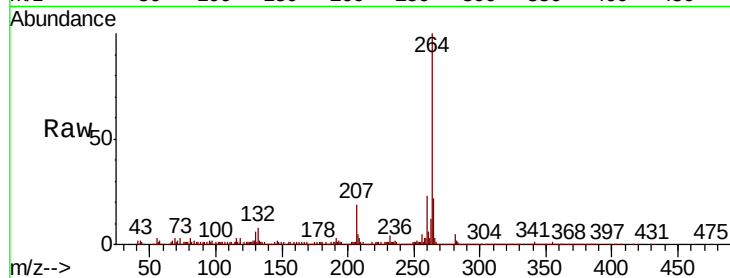
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.7	26.5
265	22.2	17.4	26.2

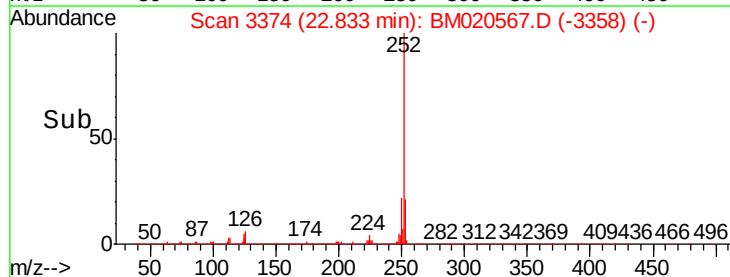
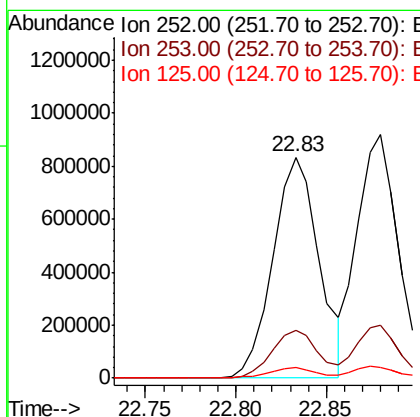
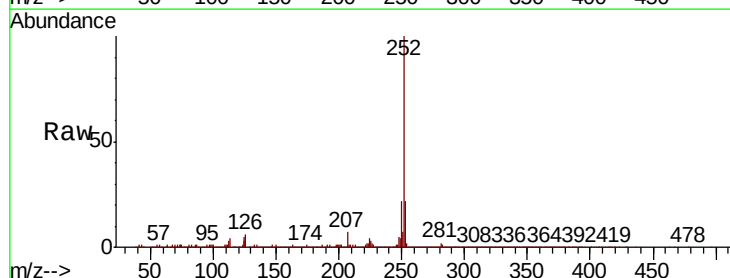
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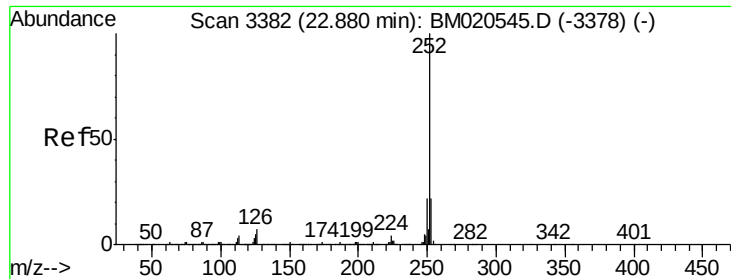
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.179 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	4.8	3.8	5.8





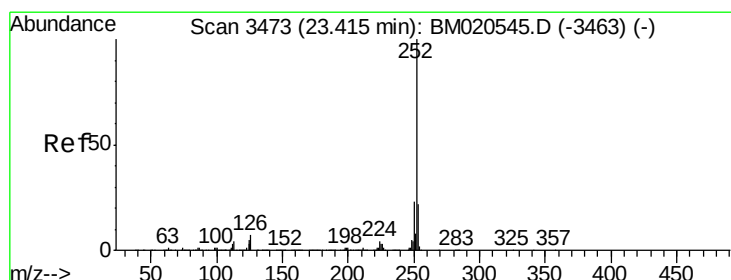
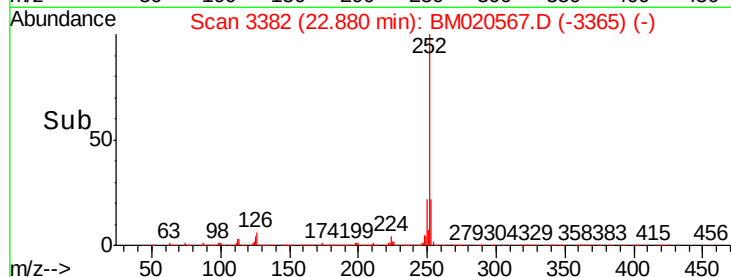
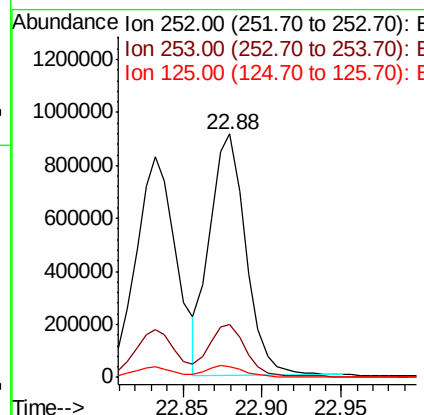
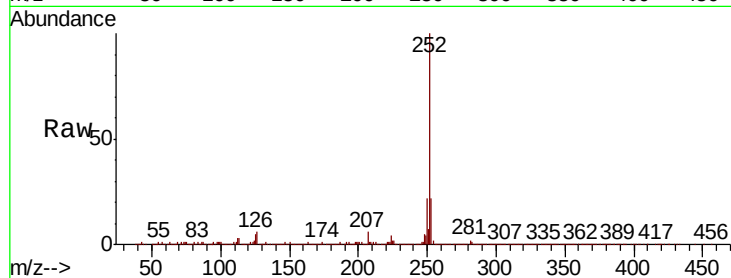
#89
Benzo(k)fluoranthene
Concen: 38.675 ng
RT: 22.88 min Scan# 3382
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	4.6	4.2	6.4

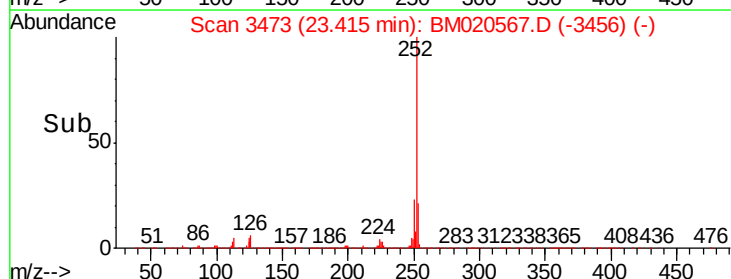
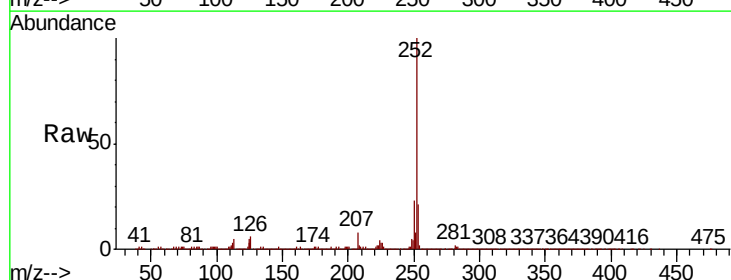
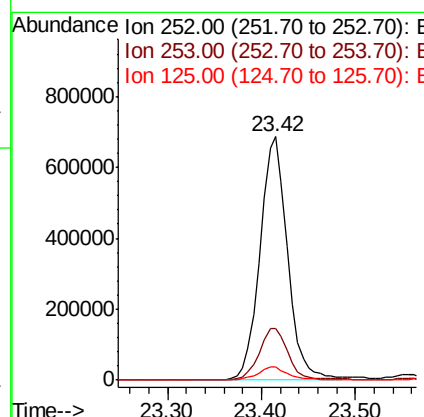
Manual Integrations
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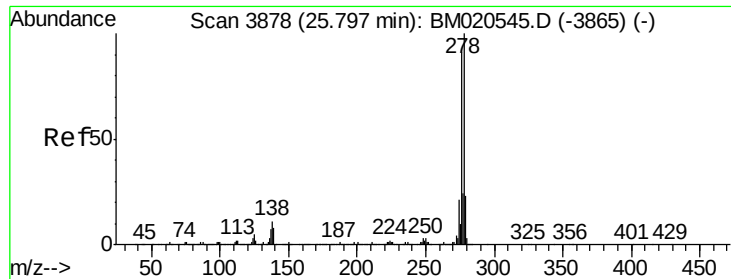
mohammad
5/28/2019 8:41:37 AM



#90
Benzo(a)pyrene
Concen: 38.874 ng
RT: 23.42 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	5.2	4.2	6.4





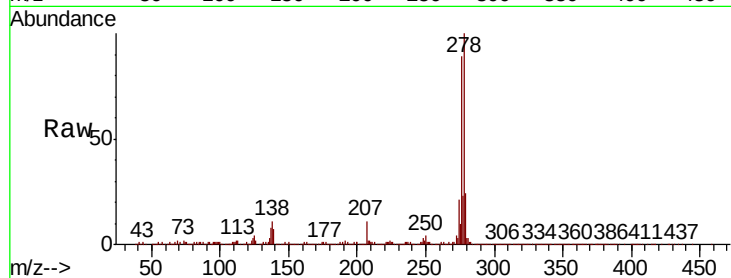
#91
Dibenzo(a,h)anthracene
Concen: 39.724 ng
RT: 25.80 min Scan# 3878
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.4	6.3	9.5
279	23.9	18.3	27.5

Manual Integrations
APPROVED

mohammad
5/28/2019 8:41:37 AM

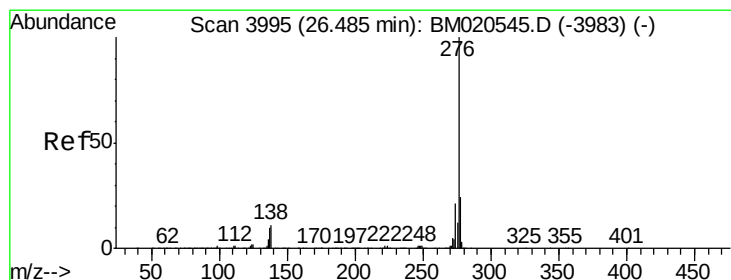
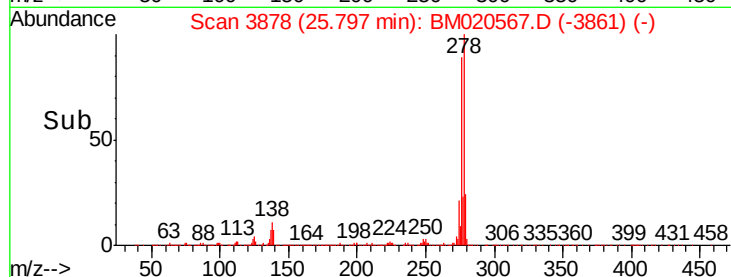
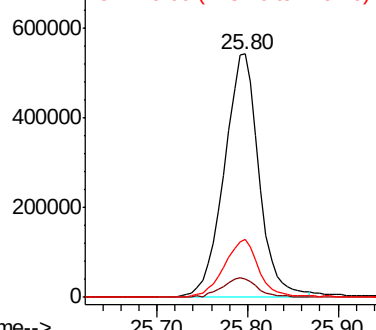


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.250 ng
RT: 26.49 min Scan# 3995
Delta R.T. 0.00 min
Lab File: BM020567.D
Acq: 25 May 2019 06:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	9.8	8.6	12.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

