

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020545.D
 Acq On : 24 May 2019 12:47
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:59:43 AM

Quant Time: May 24 15:33:55 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 15:10:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	61535	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	255932	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	185552	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	508357	20.00	ng	0.00
76) Chrysene-d12	21.27	240	600469	20.00	ng	0.00
87) Perylene-d12	23.51	264	634915	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	254273	67.54	ng	0.00
7) Phenol-d6	6.85	99	384127	74.69	ng	0.00
23) Nitrobenzene-d5	8.84	82	483572	74.60	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	291847	101.33	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1163113	77.12	ng	0.00
79) Terphenyl-d14	19.71	244	2698949	78.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	65922	35.704	ng	100
3) Pyridine	3.57	79	197337	41.791	ng	100
4) n-Nitrosodimethylamine	3.50	42	45181	29.838	ng	100
6) Aniline	7.00	93	277120	42.805	ng	100
8) 2-Chlorophenol	7.23	128	154299	37.643	ng	100
9) Benzaldehyde	6.82	77	124494	31.983	ng	100
10) Phenol	6.87	94	207141	37.414	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	153149	38.059	ng	100
12) 1,3-Dichlorobenzene	7.55	146	198453	41.612	ng	100
13) 1,4-Dichlorobenzene	7.70	146	199446	41.398	ng	100
14) 1,2-Dichlorobenzene	8.01	146	197619	43.054	ng	100
15) Benzyl Alcohol	7.92	79	177485	35.790	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	105189	31.525	ng	100
17) 2-Methylphenol	8.12	107	134349	37.696	ng	100
18) Hexachloroethane	8.72	117	79920	39.784	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	170513	38.753	ng	100
20) 3+4-Methylphenols	8.45	107	182485	38.525	ng	100
22) Acetophenone	8.50	105	279259	39.925	ng	100
24) Nitrobenzene	8.88	77	239379	35.615	ng	100
25) Isophorone	9.39	82	450574	40.305	ng	100
26) 2-Nitrophenol	9.58	139	88568	43.647	ng	100
27) 2,4-Dimethylphenol	9.64	122	129793	38.420	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	233968	38.428	ng	100
29) 2,4-Dichlorophenol	10.11	162	174687	41.008	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	234338	44.707	ng	100
31) Naphthalene	10.50	128	518226	39.019	ng	100
32) Benzoic acid	9.82	122	81914m	36.598	ng	100
33) 4-Chloroaniline	10.64	127	212725	38.915	ng	100
34) Hexachlorobutadiene	10.76	225	176139	47.503	ng	100
35) Caprolactam	11.45	113	57781m	45.362	ng	100
36) 4-Chloro-3-methylphenol	11.77	107	190060	37.966	ng	100
37) 2-Methylnaphthalene	12.12	142	397206	41.023	ng	100
38) 1-Methylnaphthalene	12.35	142	384477	40.607	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	309035	42.570	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	128682	30.105	ng	100
43) 2,4,6-Trichlorophenol	12.75	196	195324	47.342	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	183472	39.807	ng	100
46) 1,1'-Biphenyl	13.15	154	569111	37.263	ng	100
47) 2-Chloronaphthalene	13.19	162	478194	39.215	ng	100
48) 2-Nitroaniline	13.43	65	142612	32.850	ng	100
49) Acenaphthylene	14.04	152	722900	37.043	ng	100
50) Dimethylphthalate	13.79	163	651621	41.319	ng	100
51) 2,6-Dinitrotoluene	13.92	165	137070	41.266	ng	100
52) Acenaphthene	14.39	154	439670	39.287	ng	100
53) 3-Nitroaniline	14.26	138	116637	37.834	ng	100
54) 2,4-Dinitrophenol	14.47	184	70140	49.927	ng	100
55) Dibenzofuran	14.73	168	754895	39.991	ng	100
56) 4-Nitrophenol	14.59	139	75650	28.761	ng	100
57) 2,4-Dinitrotoluene	14.72	165	198130	43.898	ng	100
58) Fluorene	15.37	166	628683	40.552	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	208975	47.711	ng	100
60) Diethylphthalate	15.15	149	638033	40.157	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	399382	45.467	ng	100
62) 4-Nitroaniline	15.44	138	111115	32.660	ng	100
63) Azobenzene	15.66	77	626639	33.431	ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	122354	51.290	ng	100
66) n-Nitrosodiphenylamine	15.59	169	544371	36.392	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	271352	43.529	ng	100
68) Hexachlorobenzene	16.37	284	322535	44.962	ng	100
69) Atrazine	16.55	200	233672	39.973	ng	100
70) Pentachlorophenol	16.73	266	171873	41.876	ng	100
71) Phenanthrene	17.12	178	1087848	38.766	ng	100
72) Anthracene	17.21	178	1061757	37.843	ng	100
73) Carbazole	17.49	167	908851	35.900	ng	100
74) Di-n-butylphthalate	18.04	149	1116200	36.637	ng	100
75) Fluoranthene	19.14	202	1492606	42.039	ng	100
77) Benzidine	19.34	184	495621	25.817	ng	100
78) Pyrene	19.50	202	1534314	38.058	ng	100
80) Butylbenzylphthalate	20.40	149	535351	36.516	ng	100
81) Benzo(a)anthracene	21.26	228	1644965	39.063	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	604668	37.622	ng	100
83) Chrysene	21.31	228	1598799	39.148	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	757194	33.284	ng	100
85) Di-n-octyl phthalate	22.05	149	1302125	34.438	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	1702667	35.050	ng	100
88) Benzo(b)fluoranthene	22.84	252	1619694	38.632	ng	100
89) Benzo(k)fluoranthene	22.88	252	1652780	43.216	ng	100
90) Benzo(a)pyrene	23.41	252	1507434	39.583	ng	100
91) Dibenzo(a,h)anthracene	25.80	278	1432734	36.176	ng	100
92) Benzo(g,h,i)perylene	26.49	276	1308699	34.805	ng	100

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

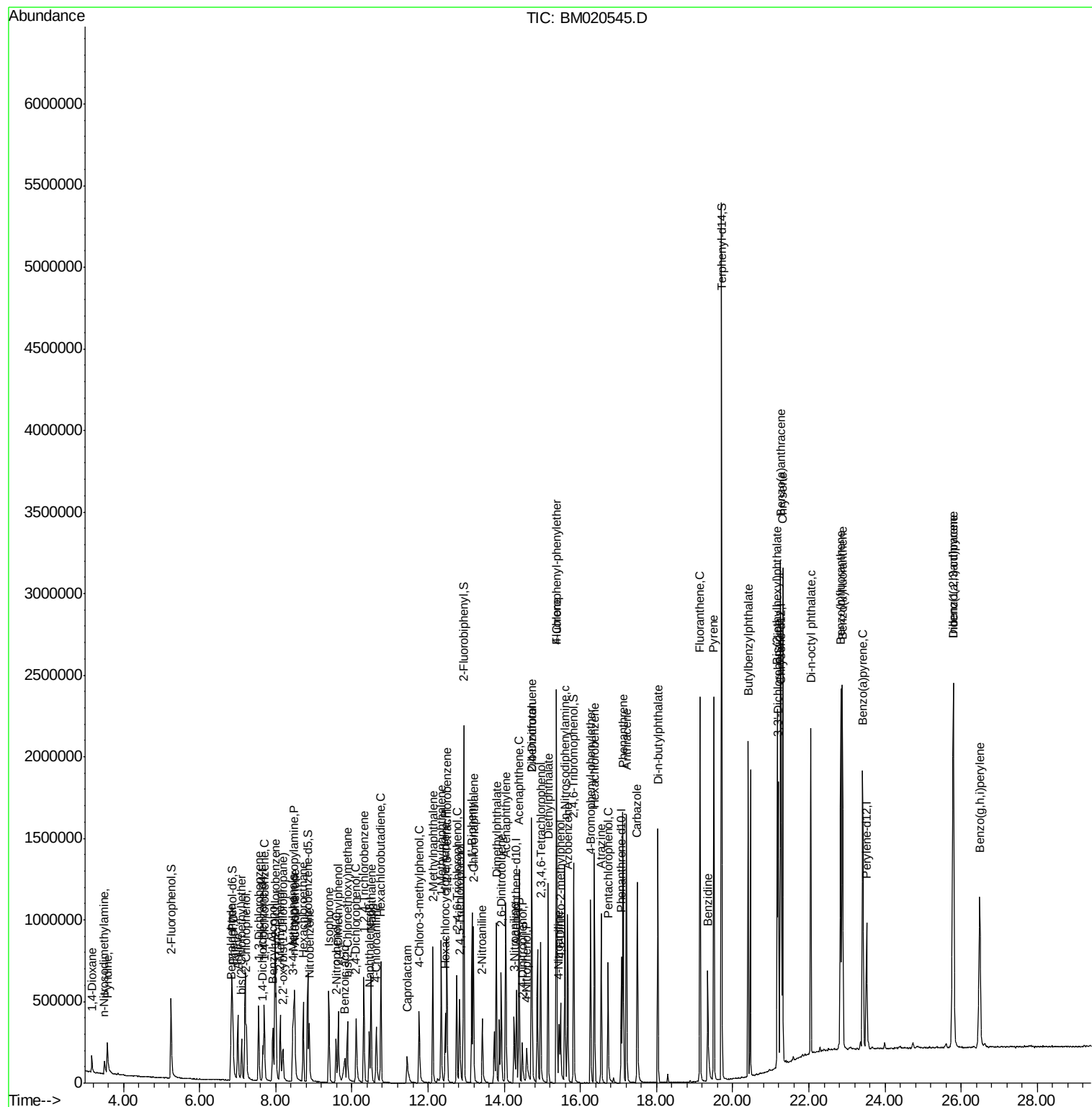
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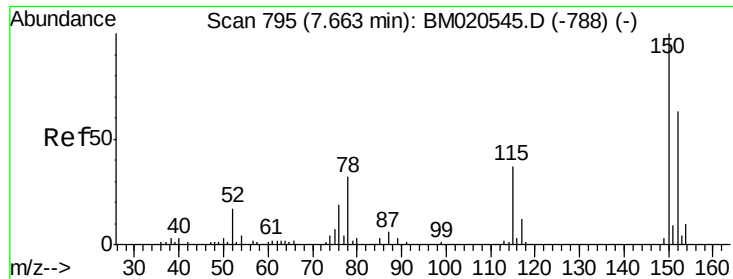
Instrument :
BNA_M
ClientSampleId :
SSTDICC040

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#1

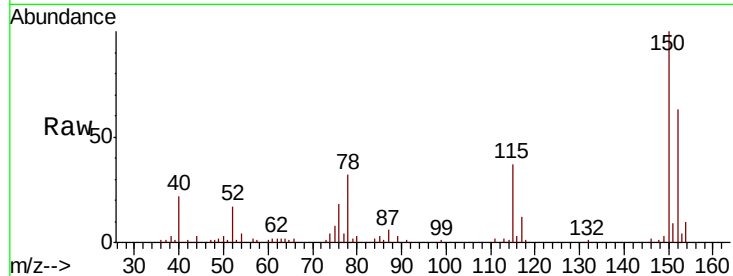
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	190.0
115	58.3	46.6	70.0

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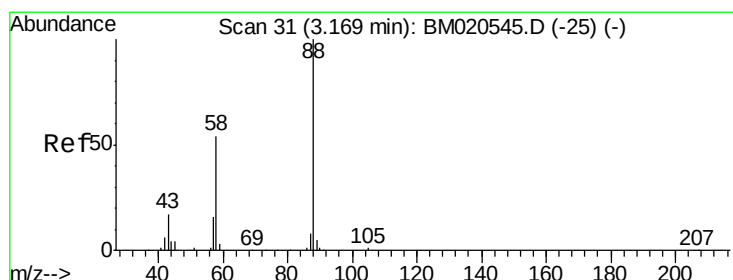
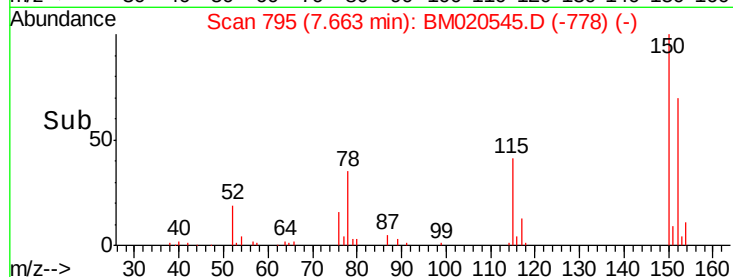
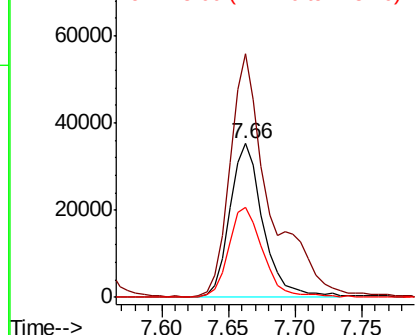


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

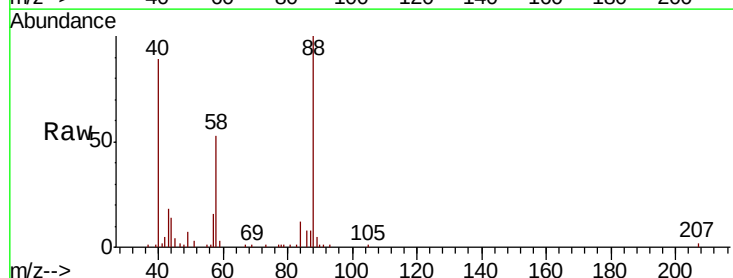
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.704 ng
RT: 3.17 min Scan# 31
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.0	42.3	63.5
43	20.0	16.0	24.0

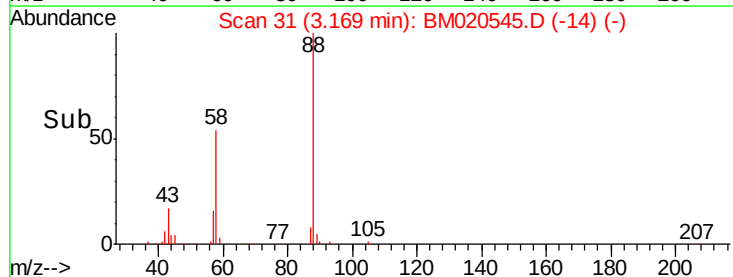
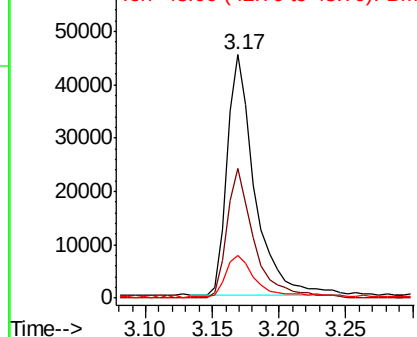


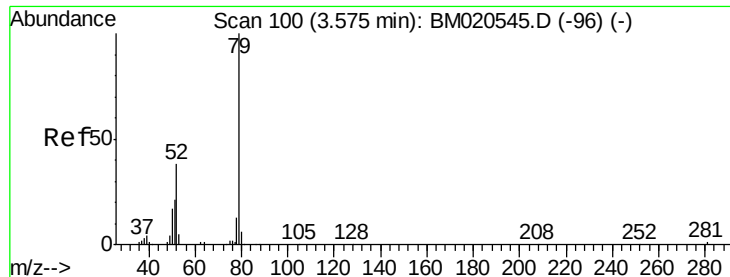
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





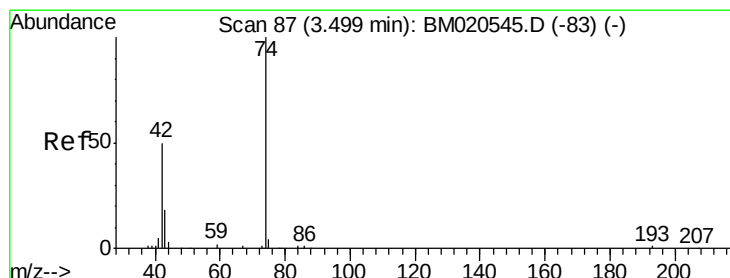
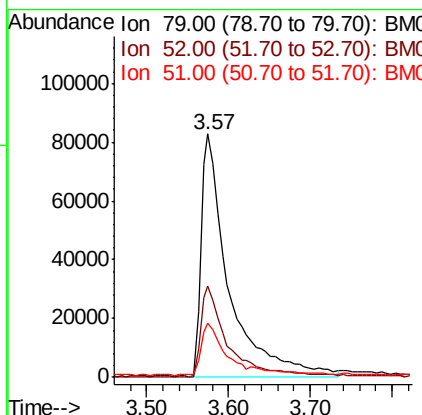
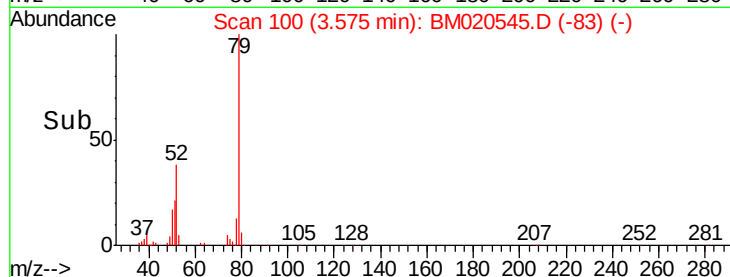
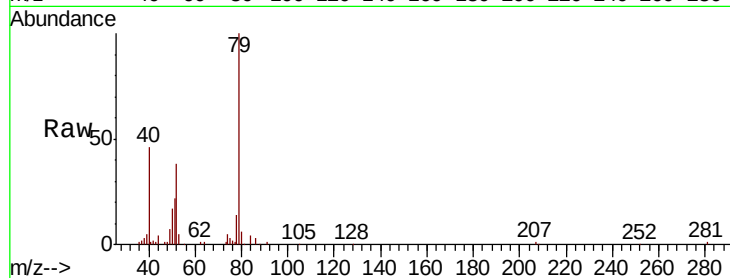
#3
 Pvridine
 Concen: 41.791 ng
 RT: 3.57 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	197337		
52	52	37.6		30.1	45.1
51	51	22.3		17.8	26.8

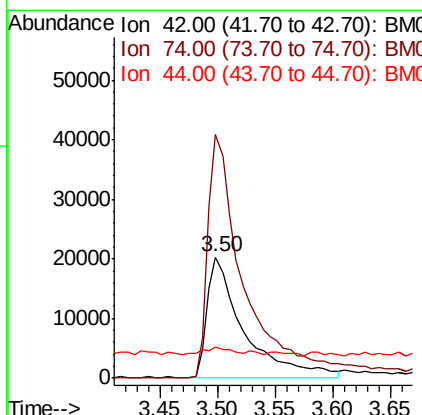
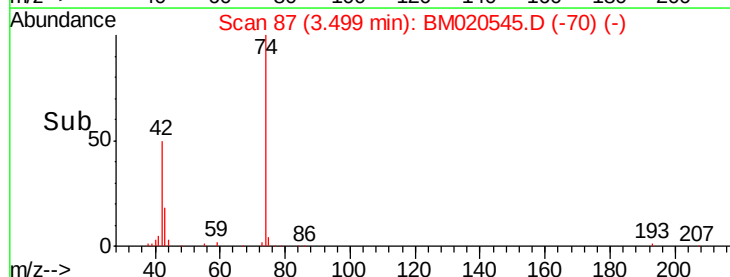
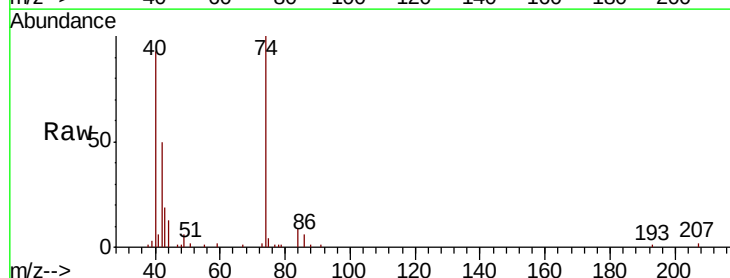
Manual Integrations
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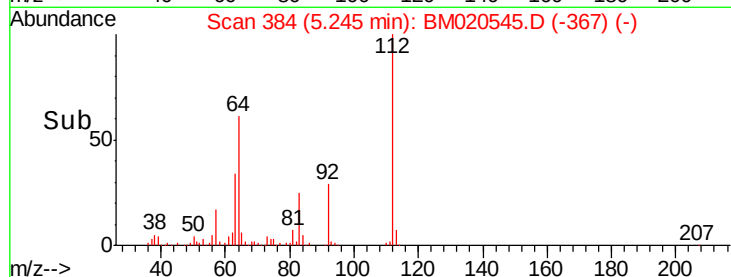
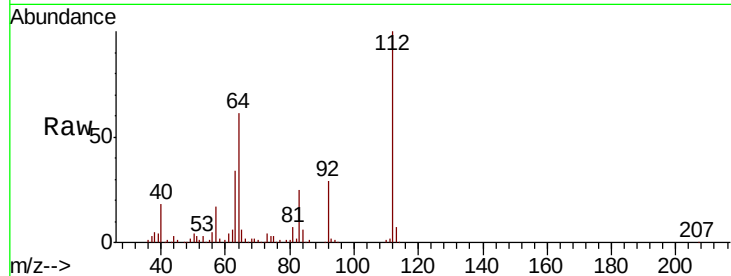
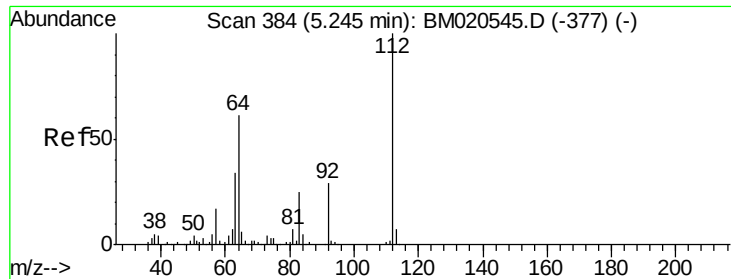
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#4
 n-Nitrosodimethylamine
 Concen: 29.838 ng
 RT: 3.50 min Scan# 87
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	45181		
74	74	201.4		161.1	241.7
44	44	26.1		20.9	31.3





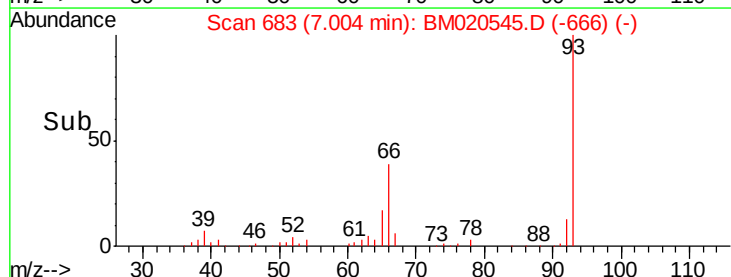
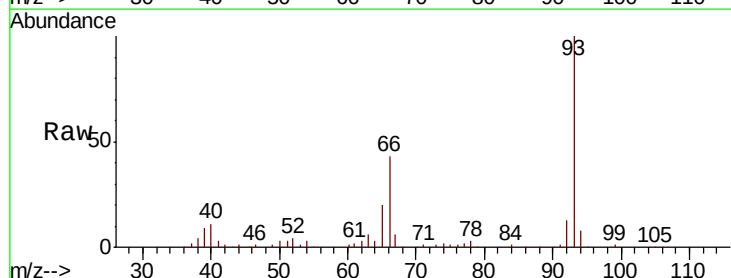
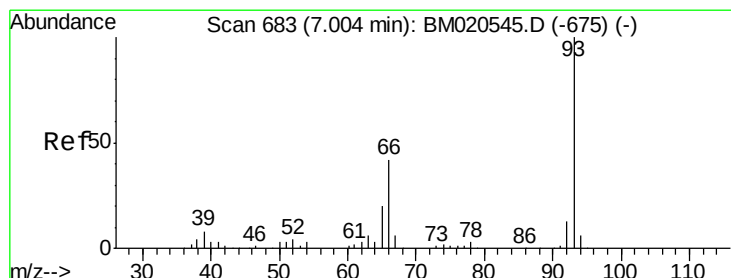
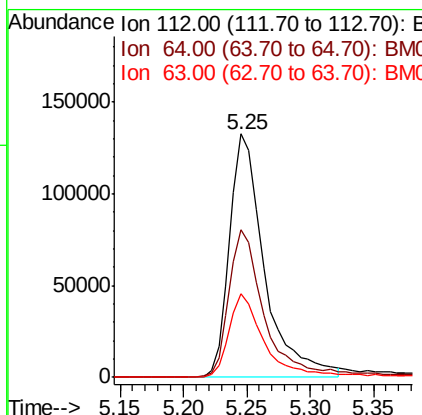
#5
2-Fluorophenol
Concen: 67.544 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tot Ion	Ratio	Resp	Lower	Upper
112	100	254273		
64	60.8		48.6	73.0
63	34.2		27.4	41.0

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

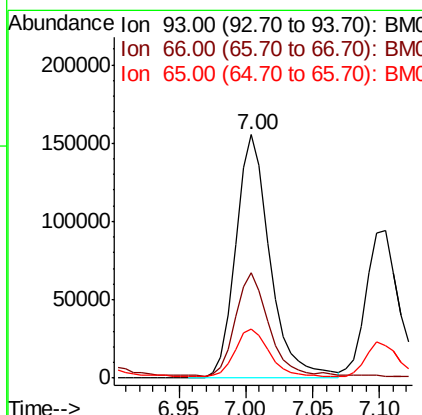
Manual Integrations
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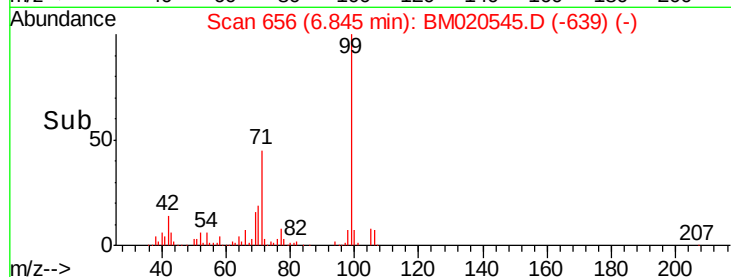
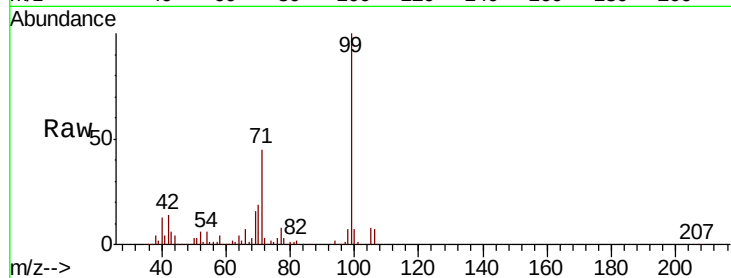
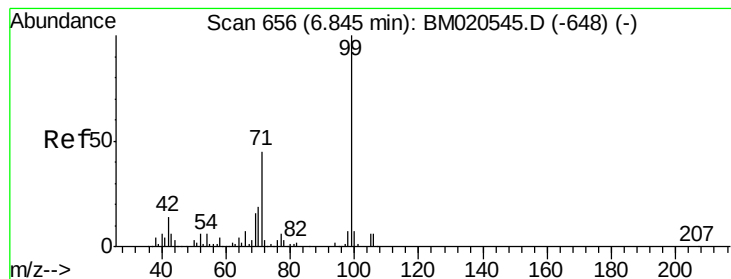
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#6
Aniline
Concen: 42.805 ng
RT: 7.00 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	277120		
66	43.1		34.5	51.7
65	20.2		16.2	24.2





#7

Phenol-d6

Concen: 74.691 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Tot Ion:	99	Resp:	384127
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.8	16.2
71	45.4	36.3	54.5

Instrument :

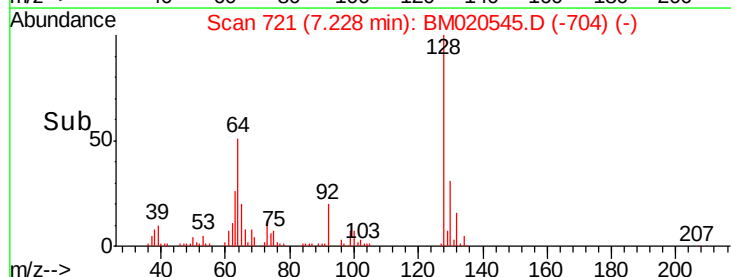
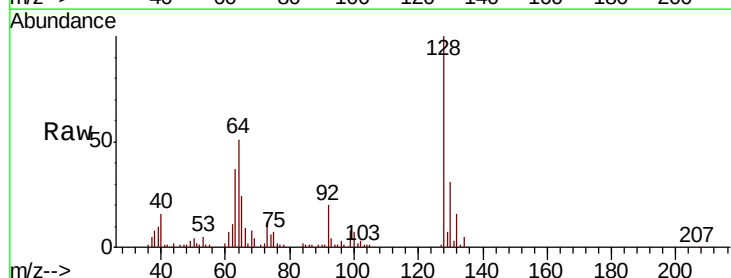
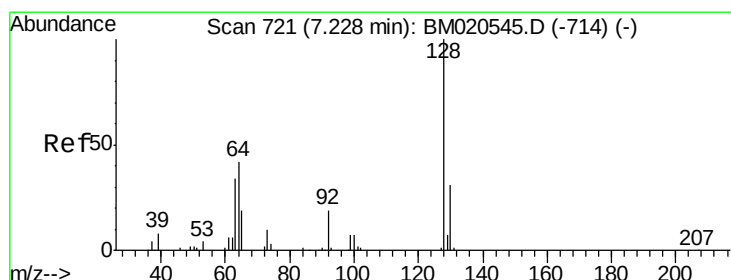
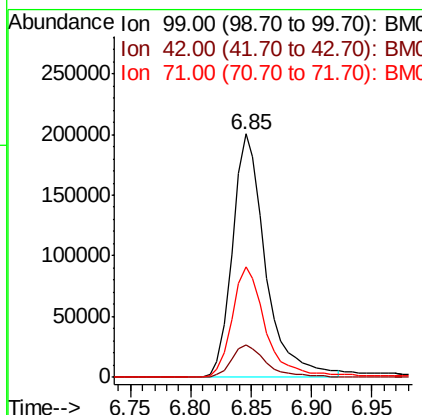
BNA_M

ClientSampled :

SSTDICCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.643 ng

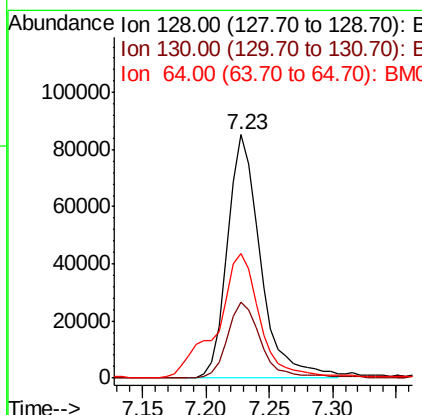
RT: 7.23 min Scan# 721

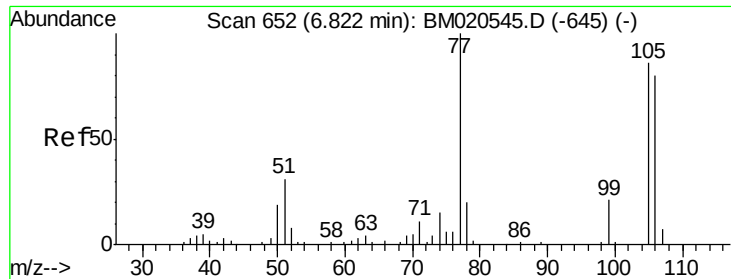
Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Tgt Ion:	128	Resp:	154299
Ion	Ratio	Lower	Upper
128	100		
130	31.2	11.2	51.2
64	51.1	31.1	71.1





#9

Benzaldehyde

Concen: 31.983 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

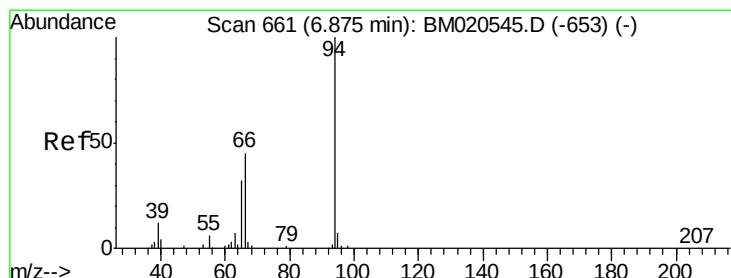
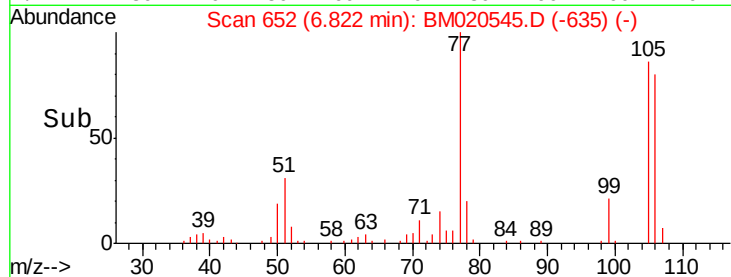
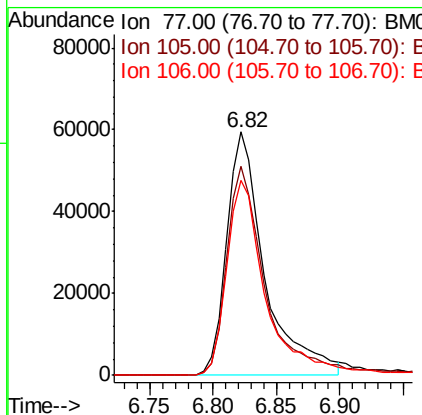
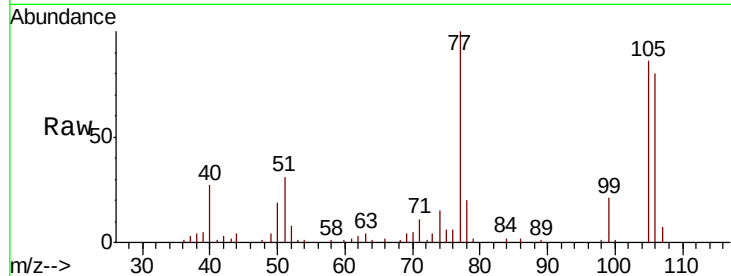
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	124494
Ion Ratio	Lower	Upper	
77	100		
105	86.1	66.1	106.1
106	80.0	60.0	100.0

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#10

Phenol

Concen: 37.414 ng

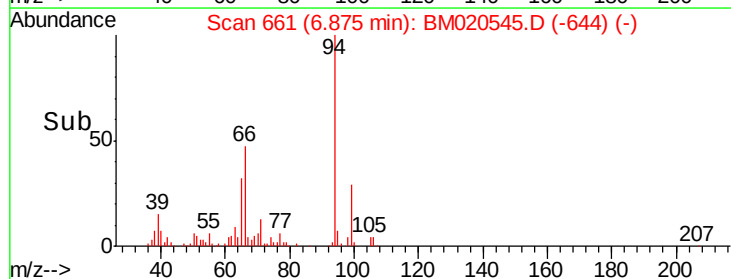
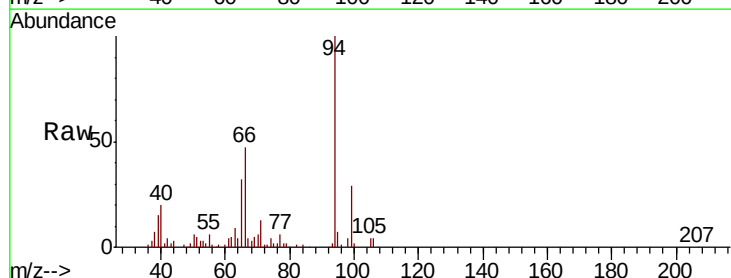
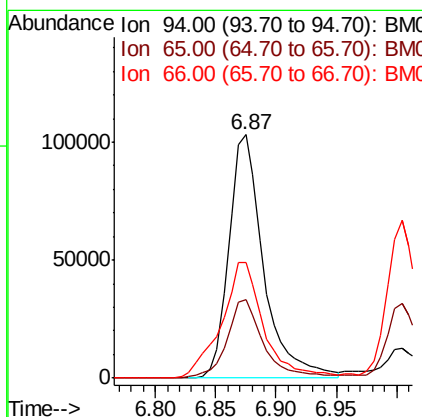
RT: 6.87 min Scan# 661

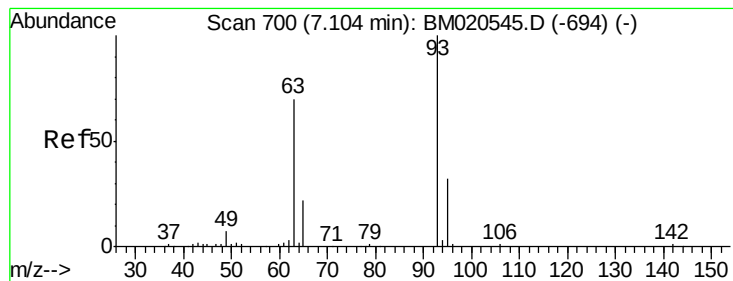
Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Tgt Ion:	94	Resp:	207141
Ion Ratio	Lower	Upper	
94	100		
65	32.4	12.4	52.4
66	47.4	27.4	67.4





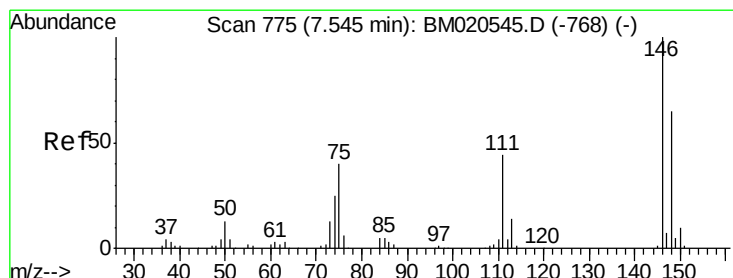
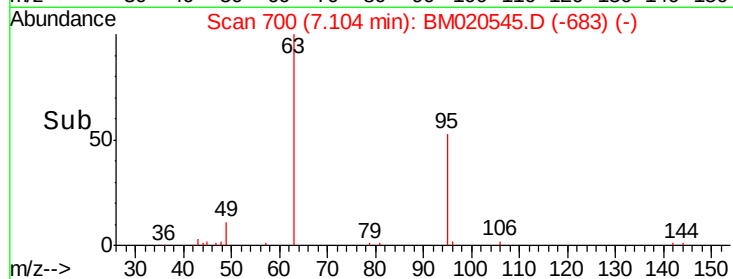
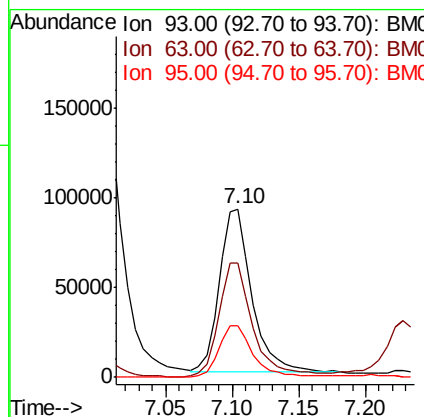
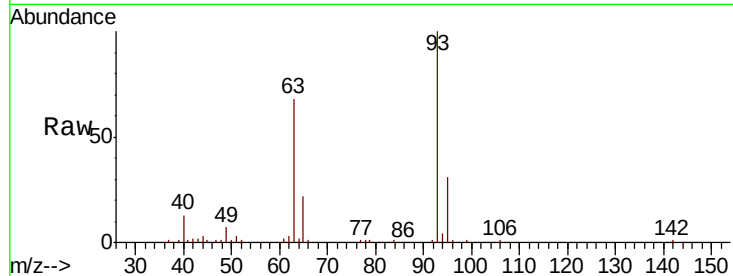
#11
bis(2-Chloroethyl)ether
Concen: 38.059 ng
RT: 7.10 min Scan# 700
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.6	47.6	87.6
95	30.9	10.9	50.9

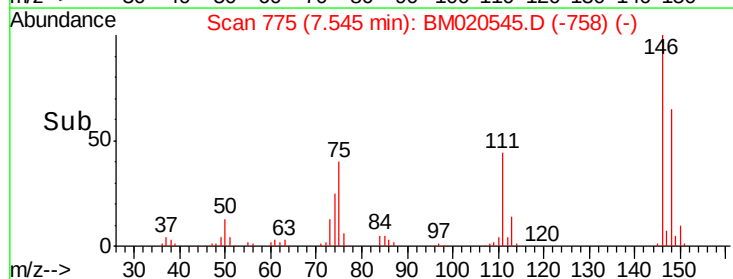
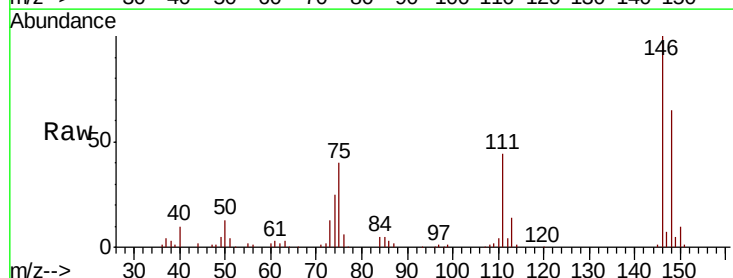
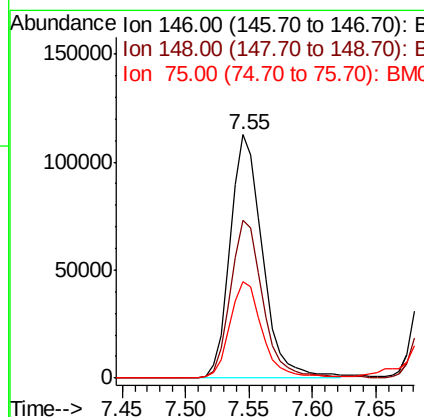
Manual Integrations
APPROVED

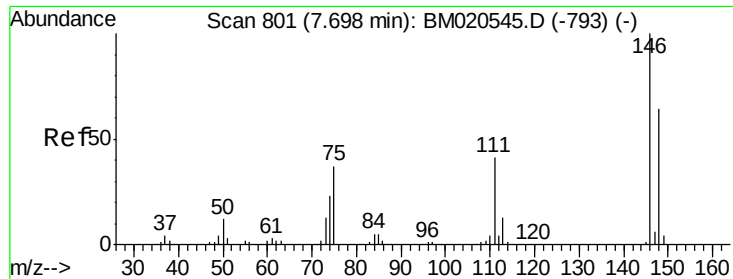
mohammad
5/27/2019 3:59:43 AM



#12
1,3-Dichlorobenzene
Concen: 41.612 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	39.5	31.6	47.4





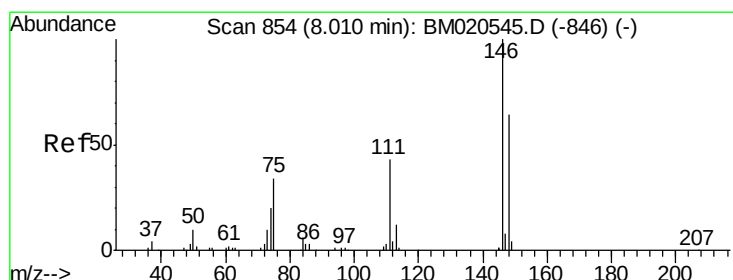
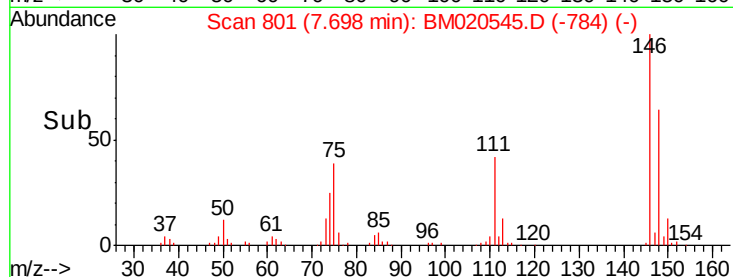
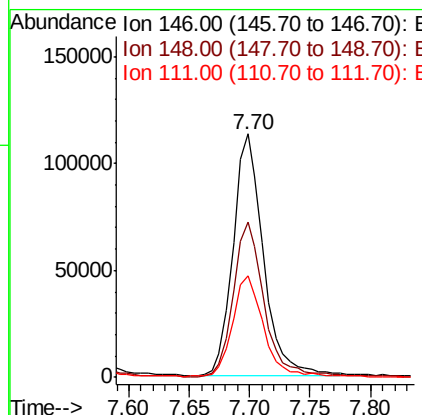
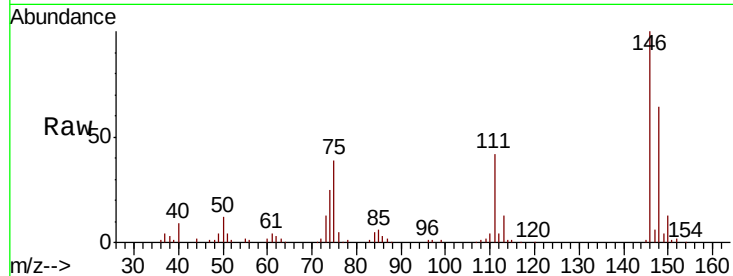
#13
 1,4-Dichlorobenzene
 Concen: 41.398 ng
 RT: 7.70 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	41.9	33.5	50.3

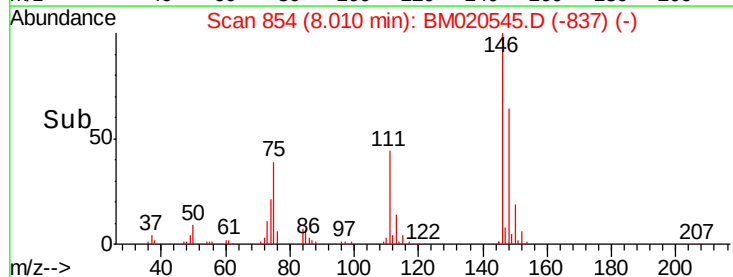
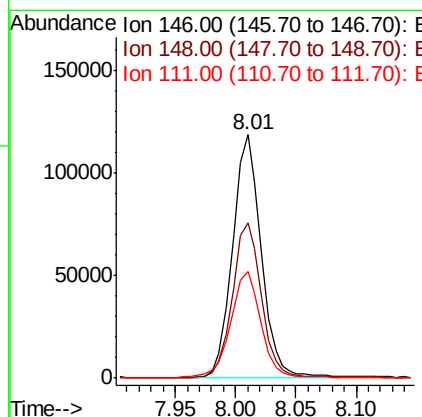
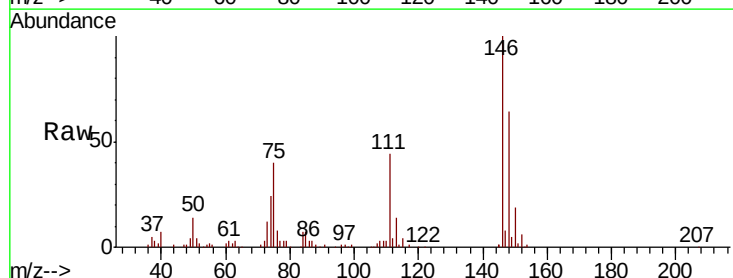
Manual Integrations
 APPROVED

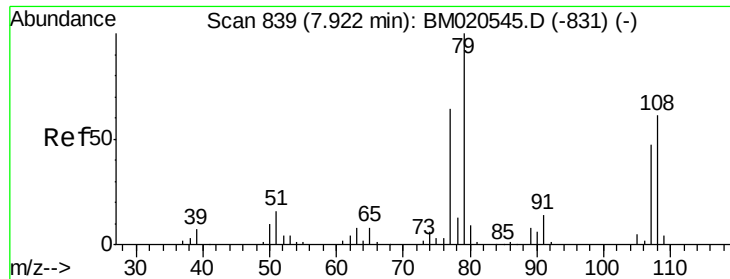
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.054 ng
 RT: 8.01 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	44.0	35.2	52.8





#15

Benzyl Alcohol

Concen: 35.790 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

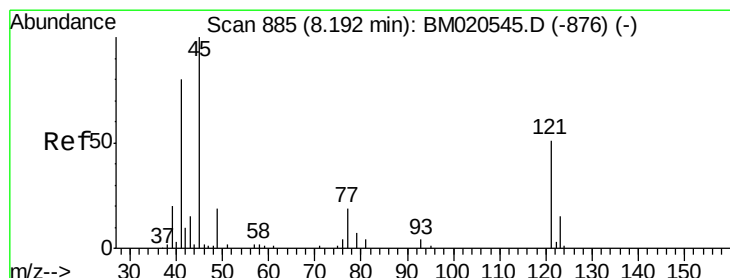
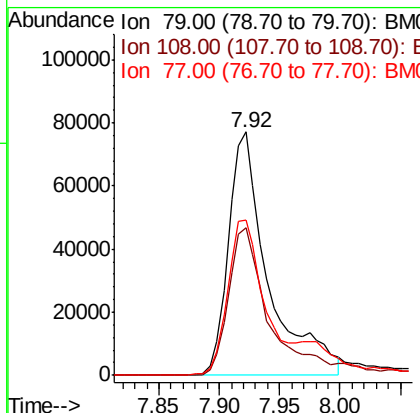
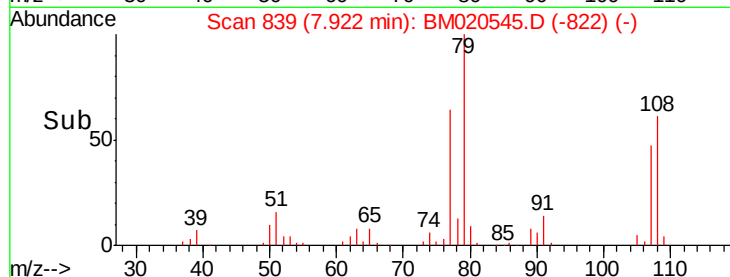
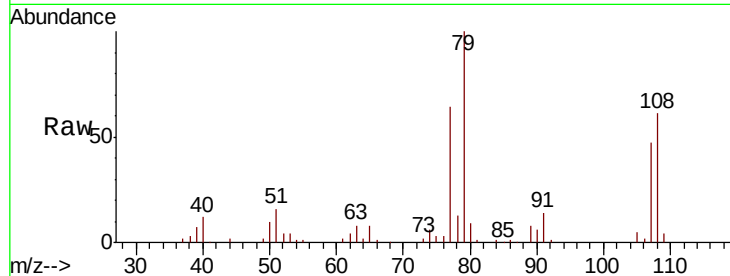
ClientSampled :

SSTDICCC040

Tot Ion:	79	Resp:	177485
Ion	Ratio	Lower	Upper
79	100		
108	60.6	48.5	72.7
77	63.6	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.525 ng

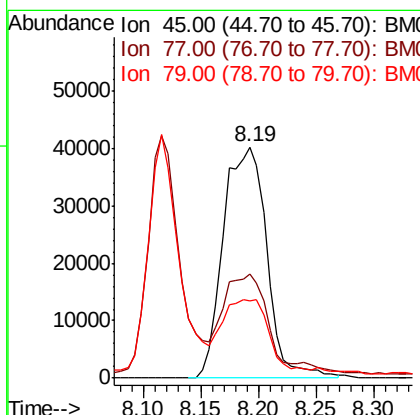
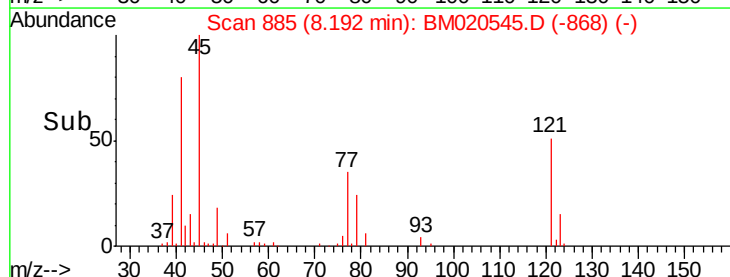
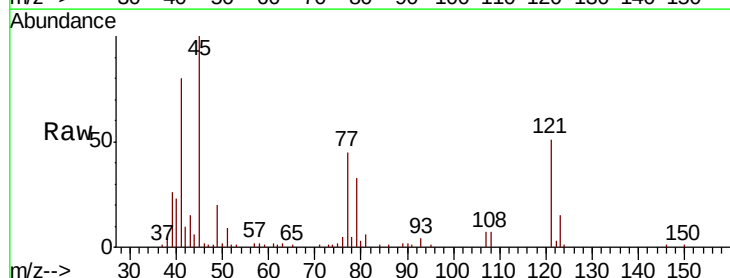
RT: 8.19 min Scan# 885

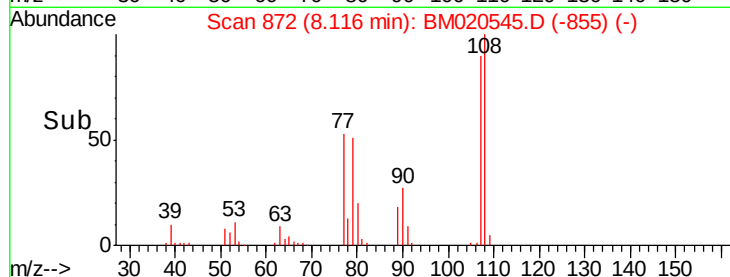
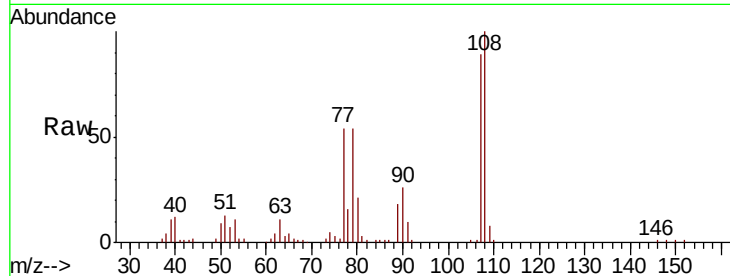
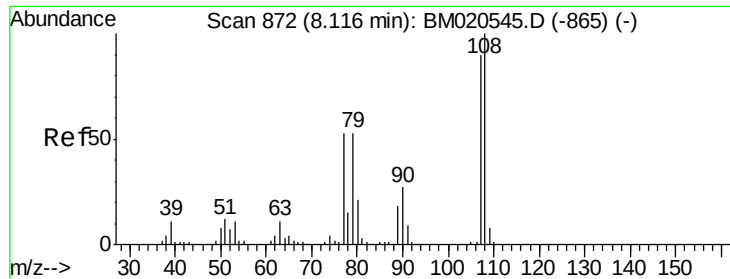
Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Tgt Ion:	45	Resp:	105189
Ion	Ratio	Lower	Upper
45	100		
77	45.0	25.0	65.0
79	33.1	13.1	53.1





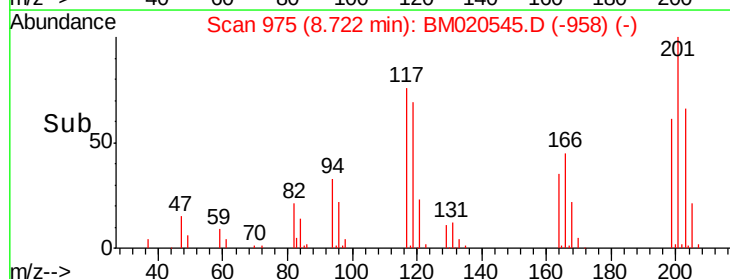
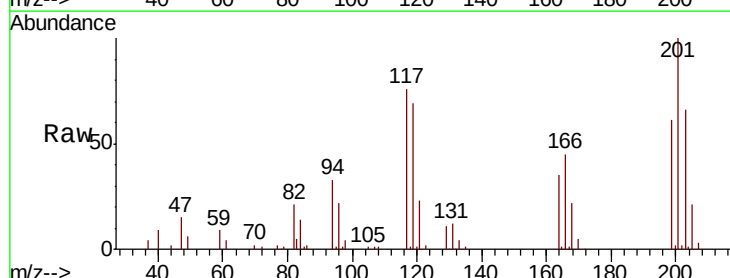
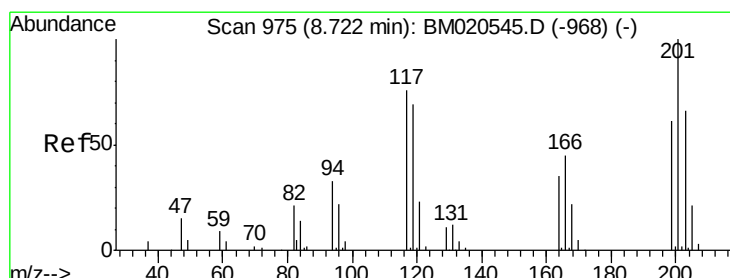
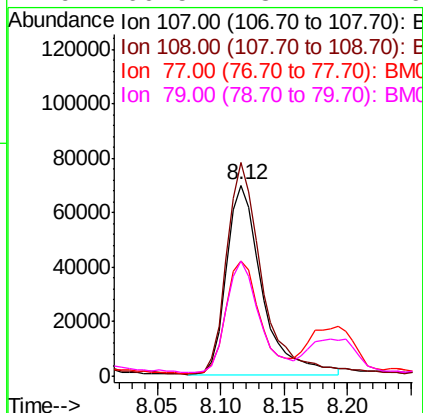
#17
2-Methylphenol
Concen: 37.696 ng
RT: 8.12 min Scan# 872
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tot Ion:	107	Resp:	134349
Ion Ratio	Lower	Upper	
107	100		
108	111.8	89.4	134.2
77	60.3	48.2	72.4
79	60.5	48.4	72.6

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

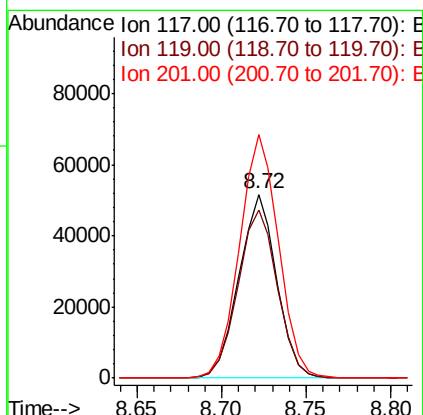
Manual Integrations
APPROVED

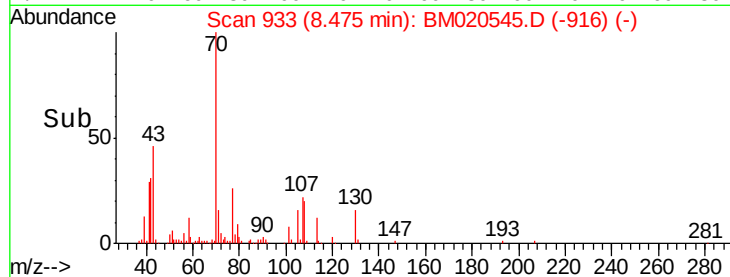
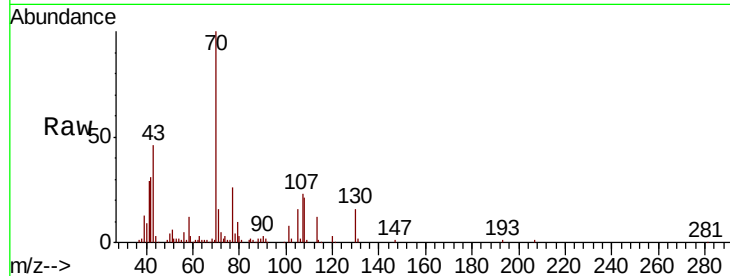
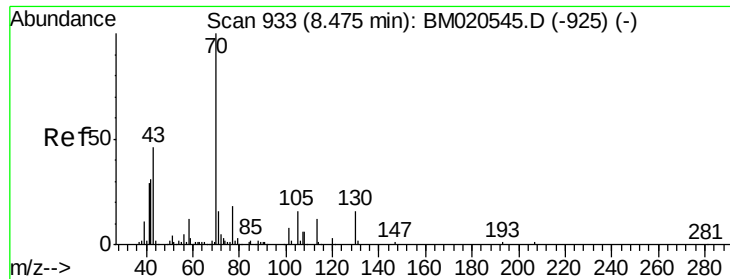
mohammad
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#18
Hexachloroethane
Concen: 39.784 ng
RT: 8.72 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion:	117	Resp:	79920
Ion Ratio	Lower	Upper	
117	100		
119	91.5	73.2	109.8
201	132.3	105.8	158.8





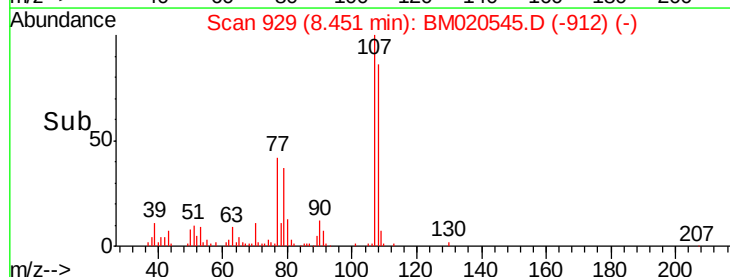
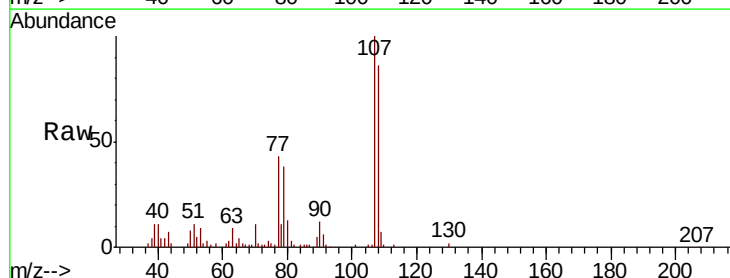
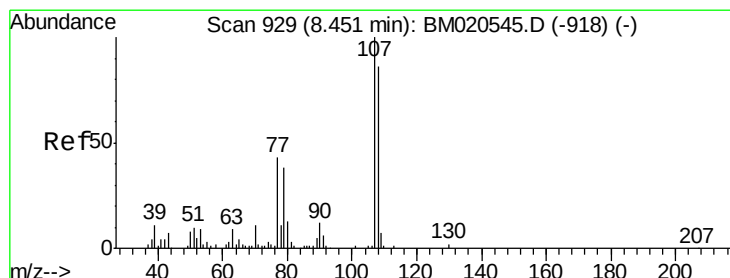
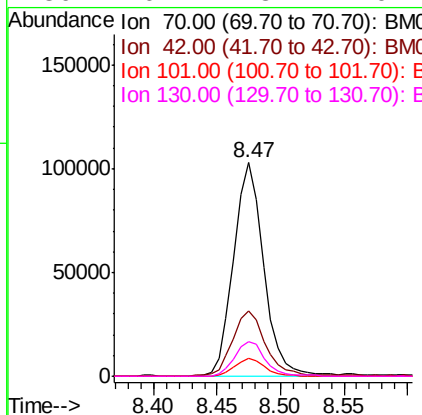
#19
n-Nitroso-di-n-propylamine
Concen: 38.753 ng
RT: 8.47 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		170513		
42	30.9	24.7	37.1		
101	8.5	6.8	10.2		
130	16.4	13.1	19.7		

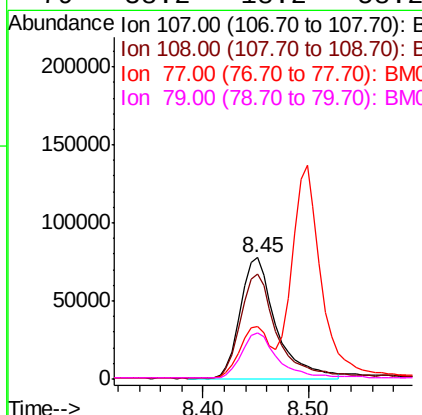
Manual Integrations
APPROVED

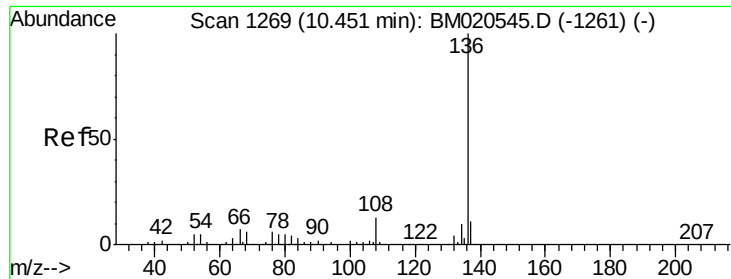
mohammad
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#20
3+4-Methylphenols
Concen: 38.525 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		182485		
108	86.5	66.5	106.5		
77	43.0	23.0	63.0		
79	38.2	18.2	58.2		





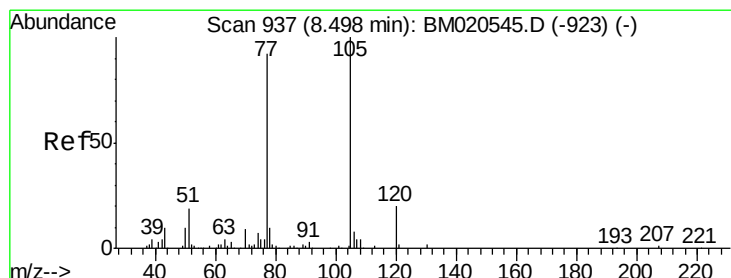
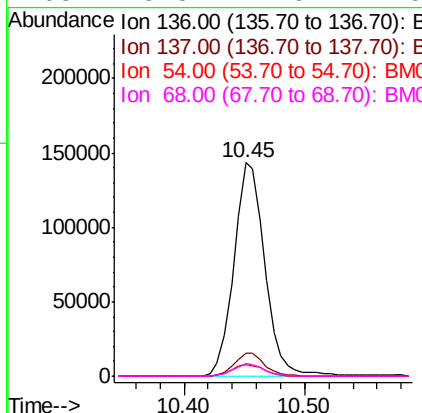
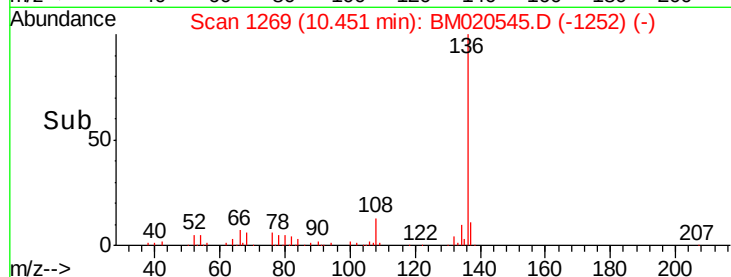
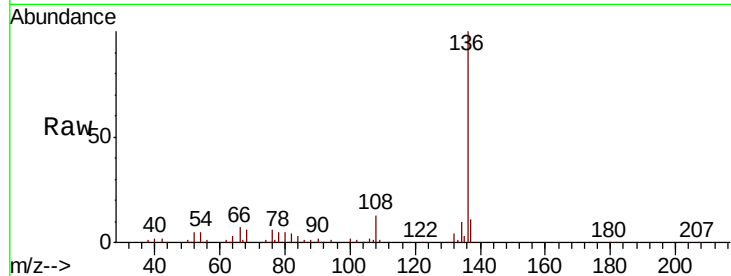
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	255932		
137	10.5		8.4	12.6
54	5.3		4.2	6.4
68	5.8		4.6	7.0

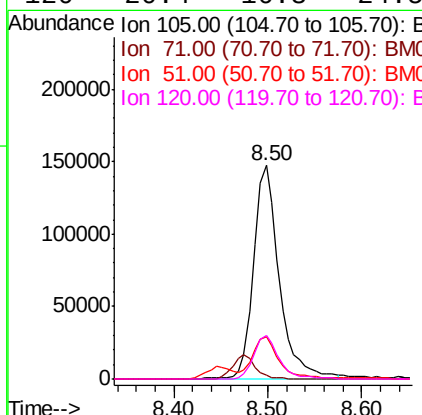
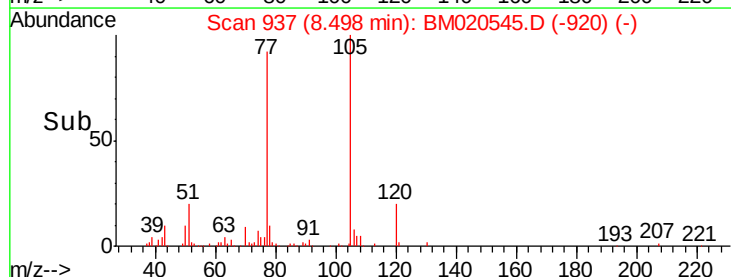
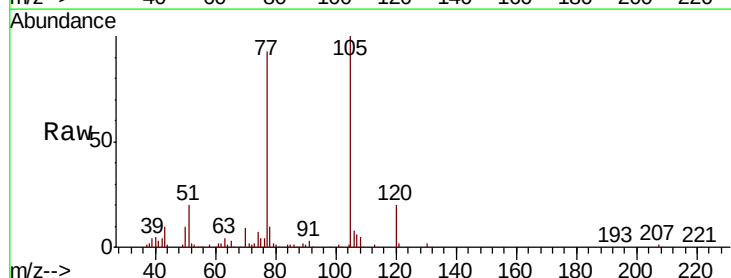
Manual Integrations
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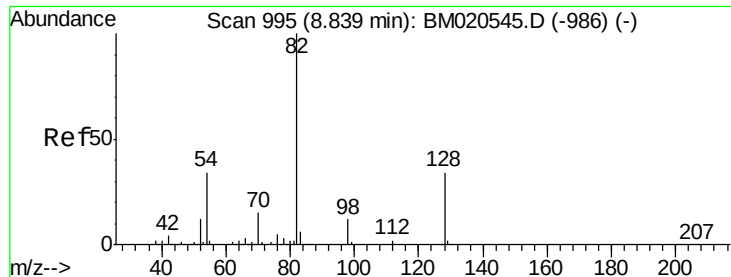
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#22
Acetophenone
Concen: 39.925 ng
RT: 8.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279259		
71	1.6		1.3	1.9
51	19.6		15.7	23.5
120	20.4		16.3	24.5





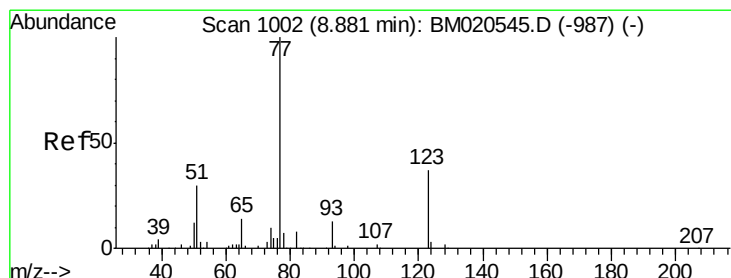
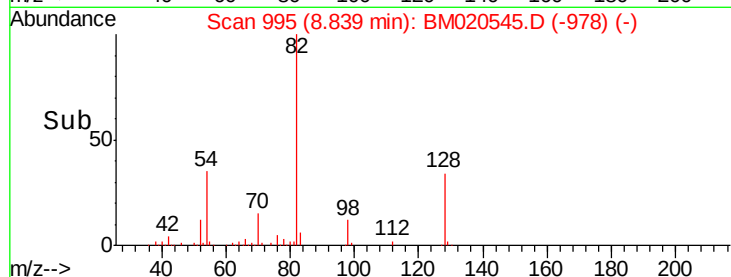
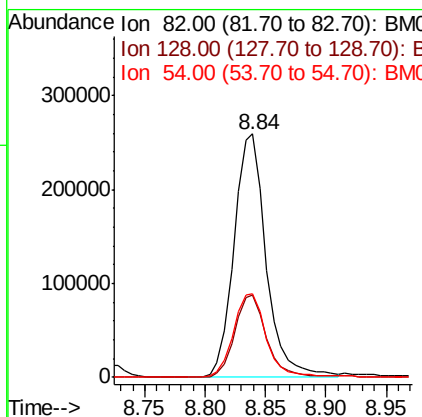
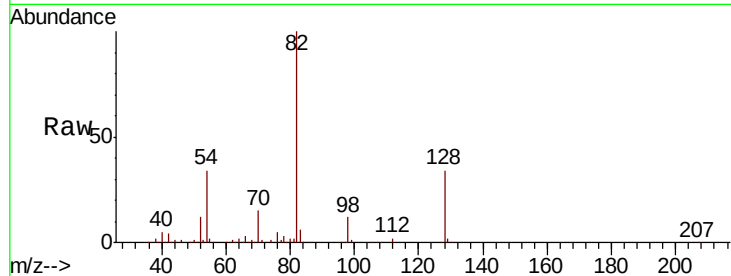
#23
Nitrobenzene-d5
Concen: 74.596 ng
RT: 8.84 min Scan# 995
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	82	Resp	483572
Ion Ratio	Lower	Upper	
82	100		
128	33.7	27.0	40.4
54	34.3	27.4	41.2

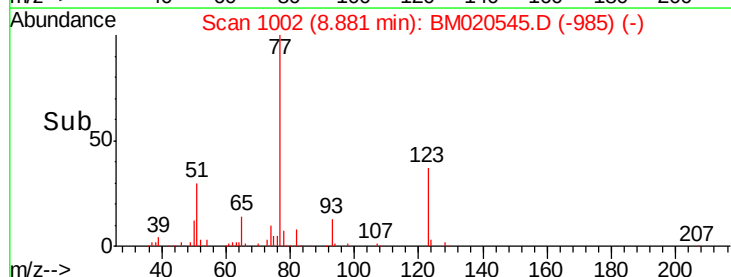
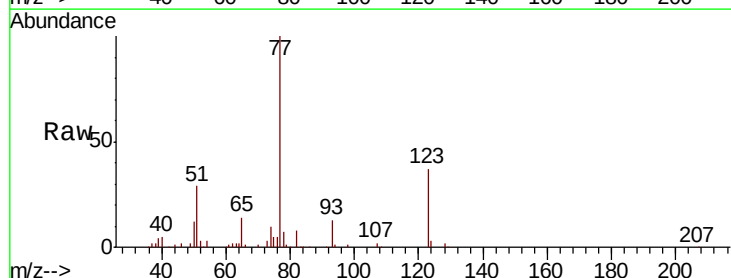
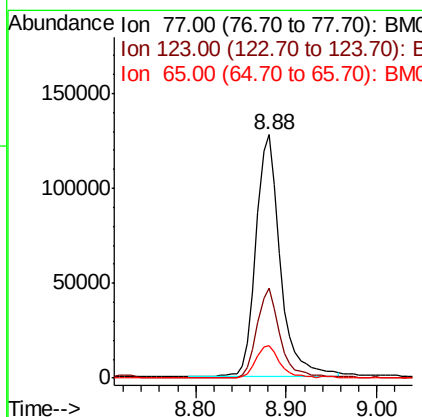
Manual Integrations
APPROVED

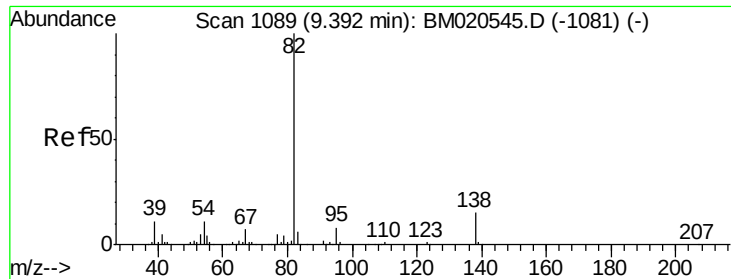
mohammad
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#24
Nitrobenzene
Concen: 35.615 ng
RT: 8.88 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	77	Resp	239379
Ion Ratio	Lower	Upper	
77	100		
123	36.8	29.4	44.2
65	13.5	10.8	16.2





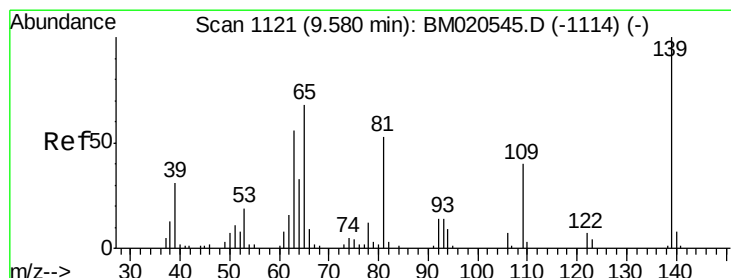
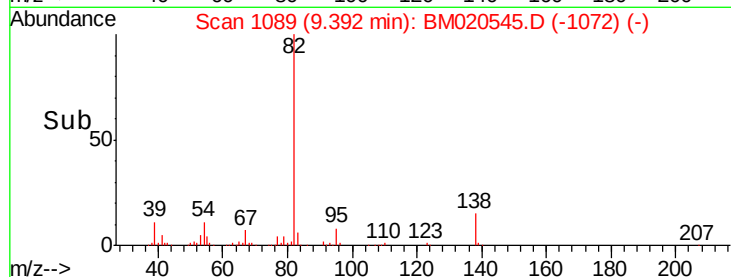
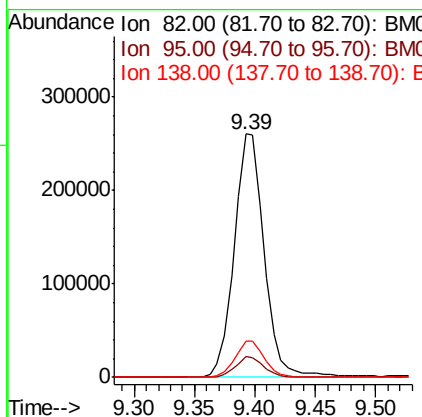
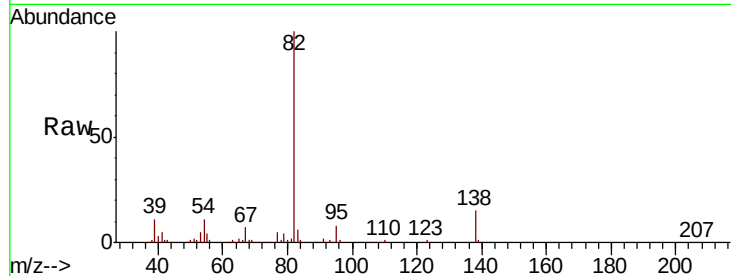
#25
Isophorone
Concen: 40.305 ng
RT: 9.39 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	450574		
95	8.4		6.7	10.1
138	15.0		12.0	18.0

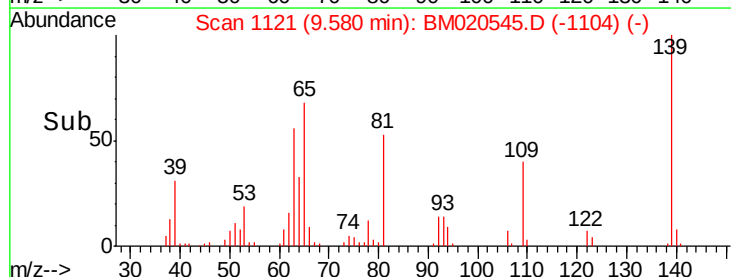
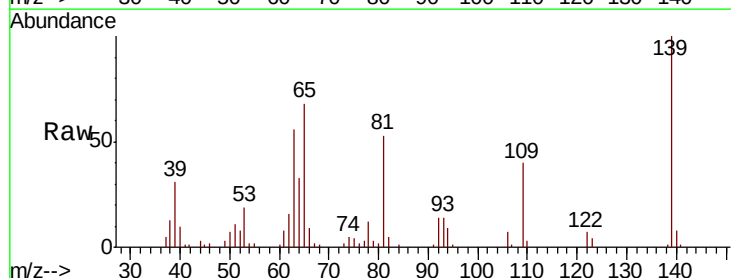
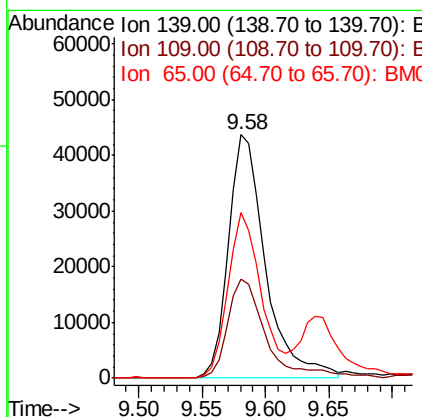
Manual Integrations
APPROVED

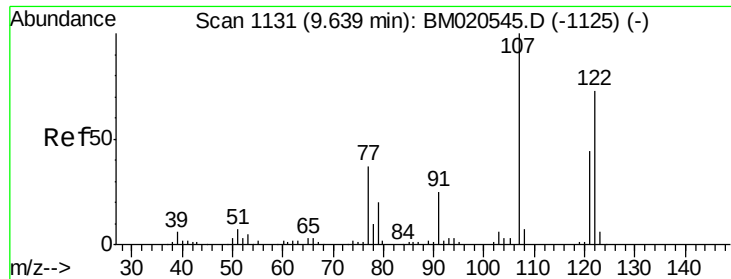
mohammad
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#26
2-Nitrophenol
Concen: 43.647 ng
RT: 9.58 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	88568		
109	40.4		32.3	48.5
65	68.0		54.4	81.6





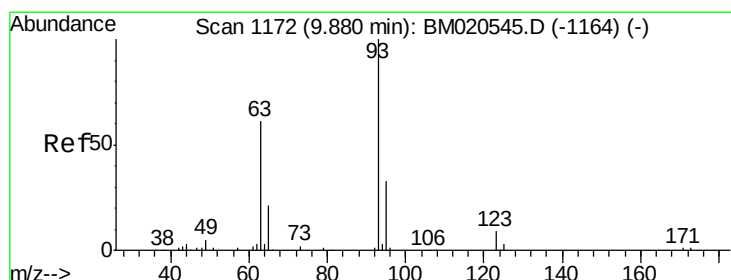
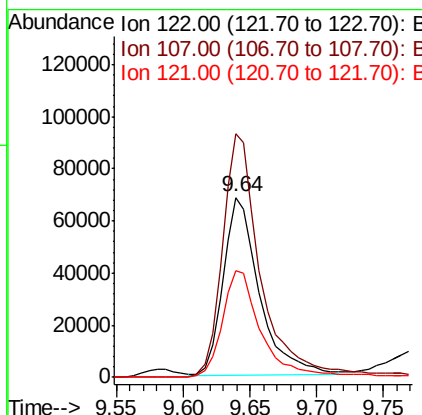
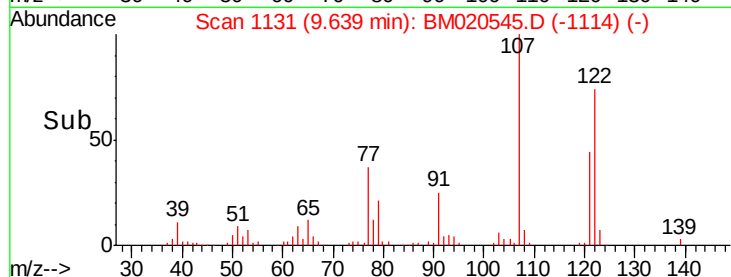
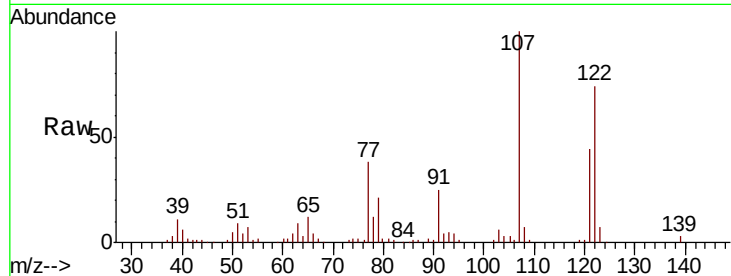
#27
 2,4-Dimethylphenol
 Concen: 38.420 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	135.2	108.2	162.2		
121	59.2	47.4	71.0		

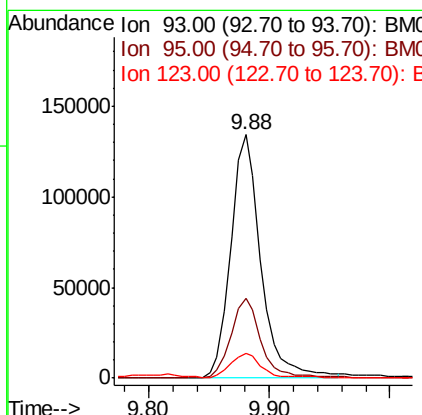
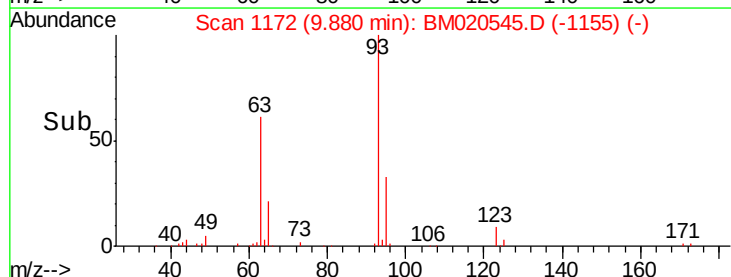
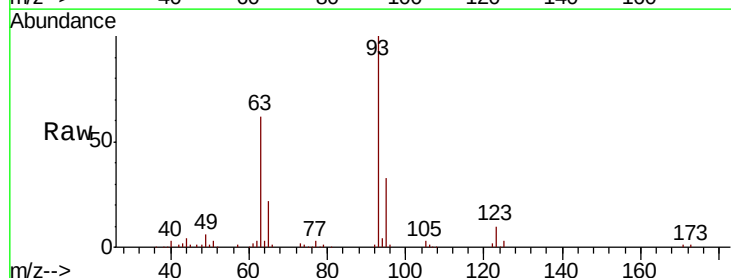
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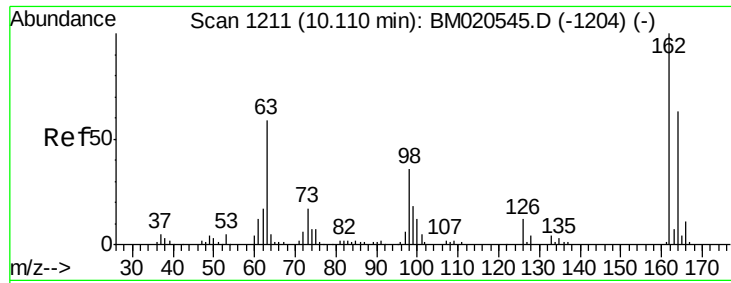
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.428 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	26.1	39.1		
123	10.1	8.1	12.1		





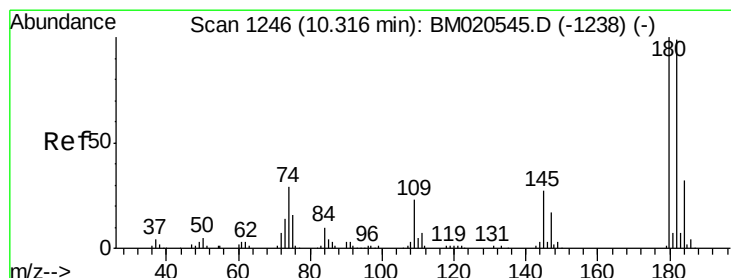
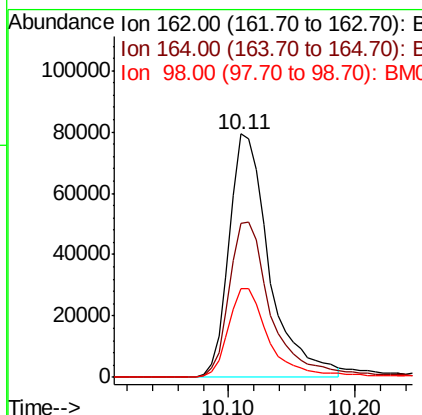
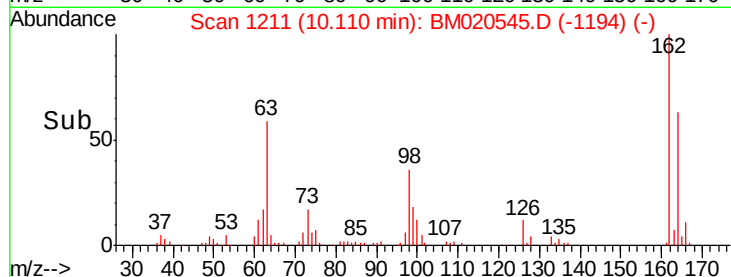
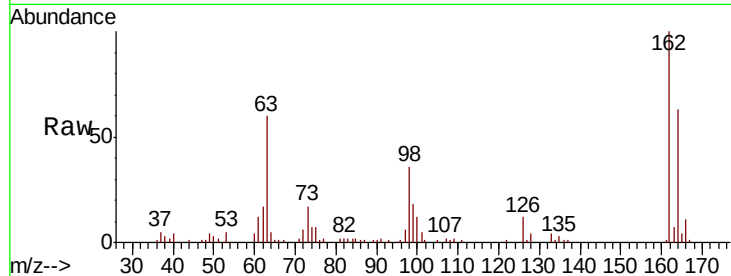
#29
 2,4-Dichlorophenol
 Concen: 41.008 ng
 RT: 10.11 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	174687		
164	63.1	43.1	83.1	
98	36.2	16.2	56.2	

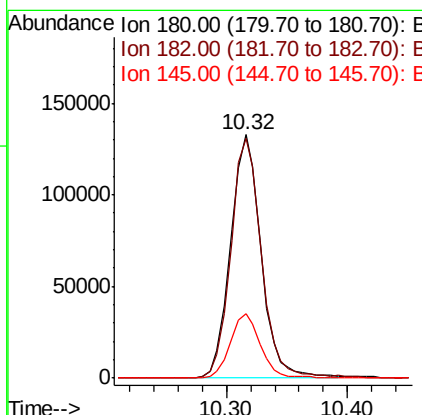
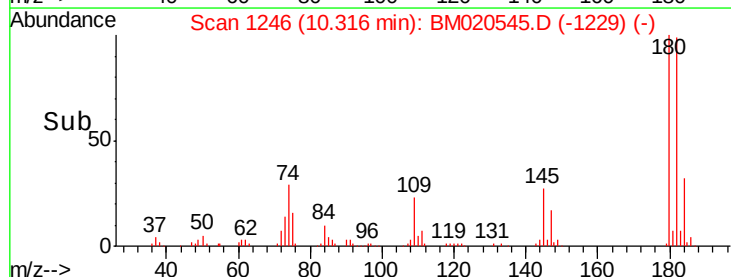
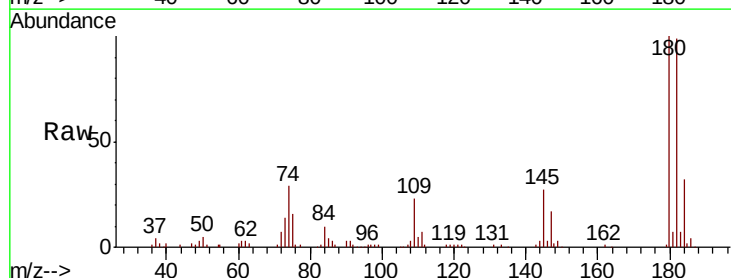
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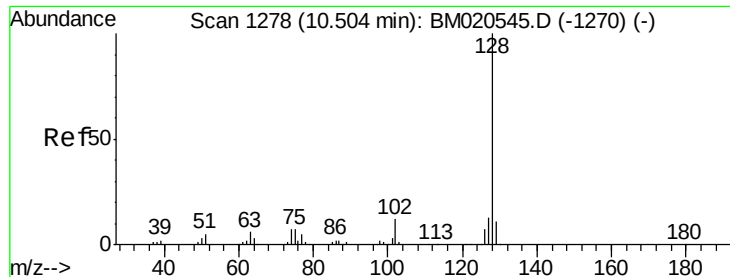
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.707 ng
 RT: 10.32 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234338		
182	98.5	78.8	118.2	
145	26.6	21.3	31.9	





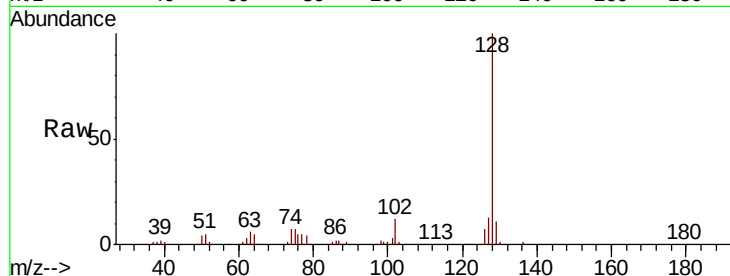
#31
Naphthalene
Concen: 39.019 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	518226		
129	11.3		9.0	13.6
127	13.0		10.4	15.6

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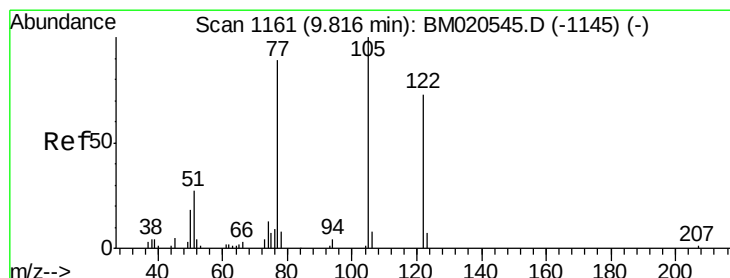
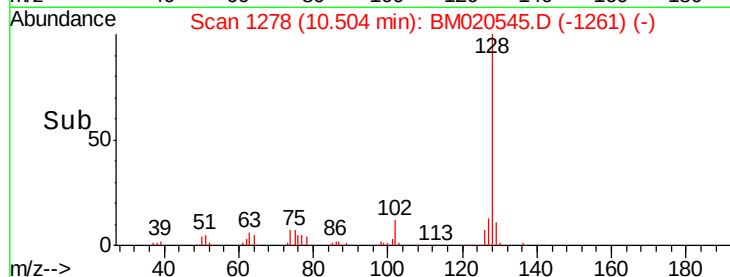
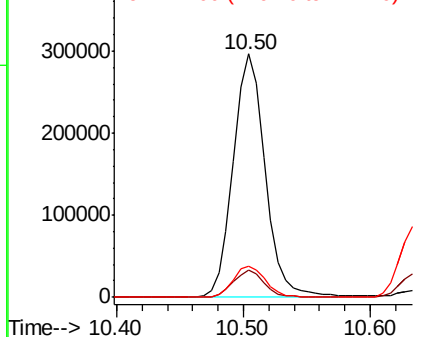


Abundance

Ion 128.00 (127.70 to 128.70): E

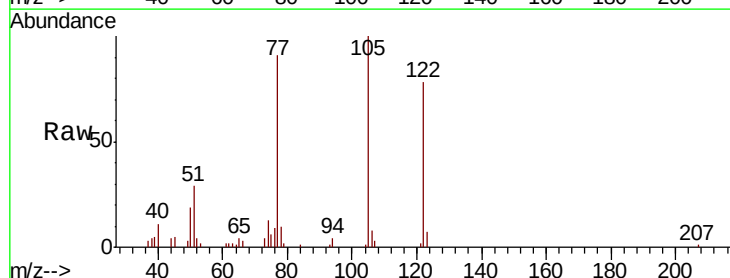
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.598 ng m
RT: 9.82 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	81914		
105	128.8		108.8	148.8
77	117.8		97.8	137.8

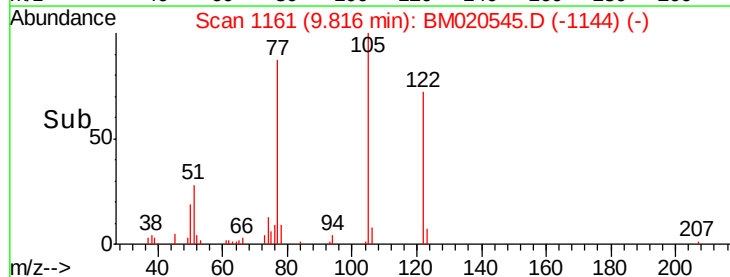
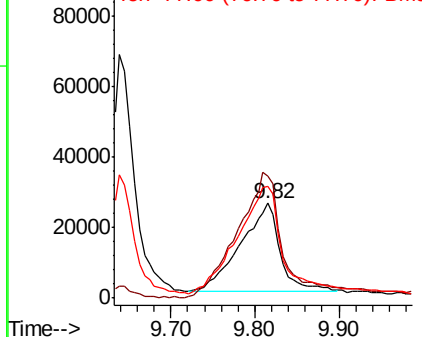


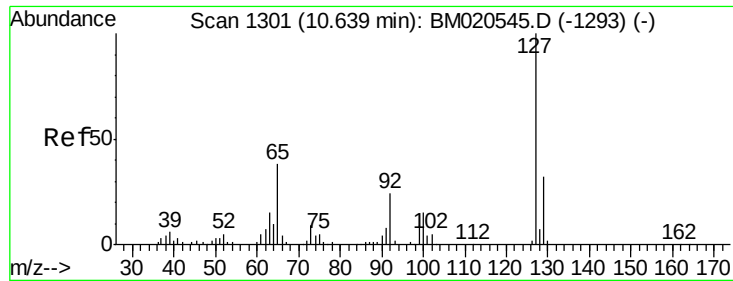
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





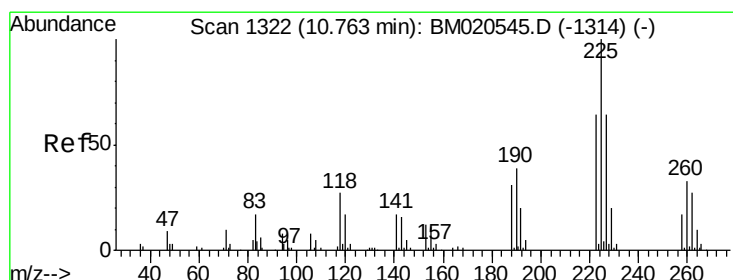
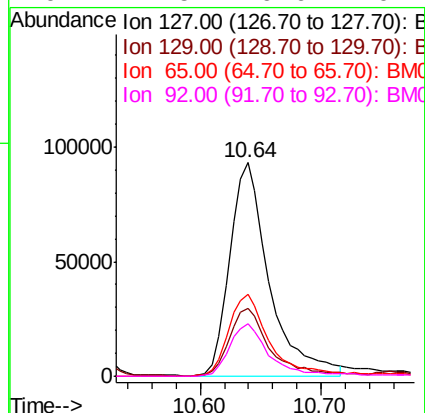
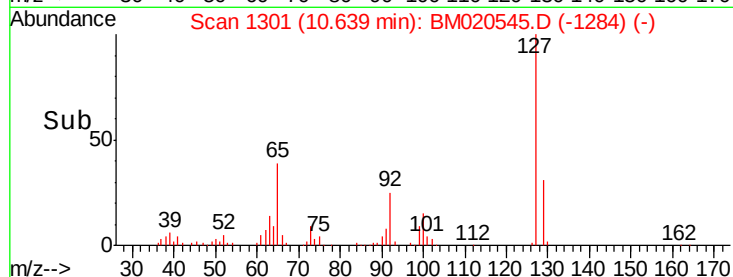
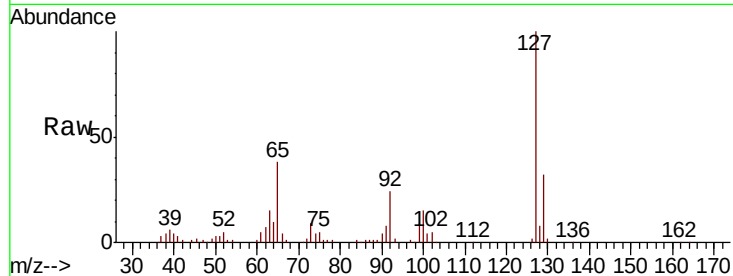
#33
4-Chloroaniline
Concen: 38.915 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	212725		
129	31.8	25.4	38.2	
65	38.2	30.6	45.8	
92	24.5	19.6	29.4	

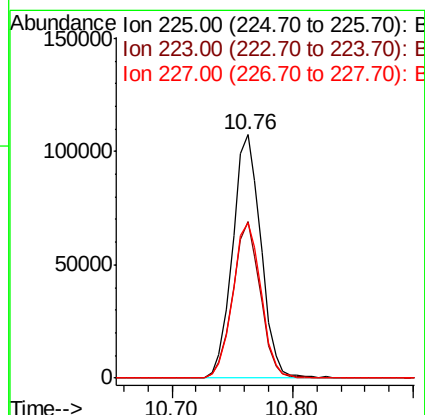
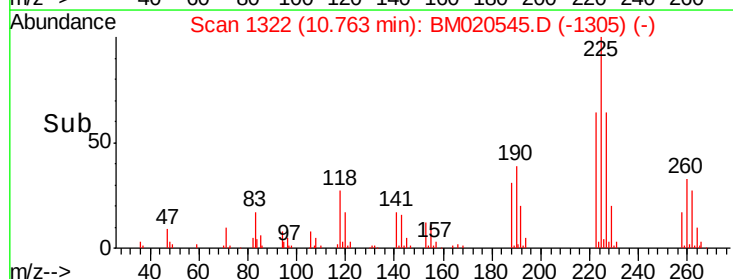
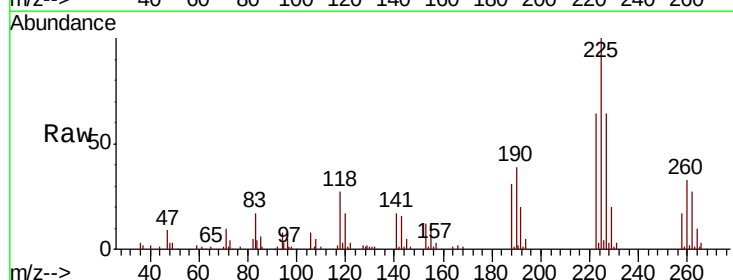
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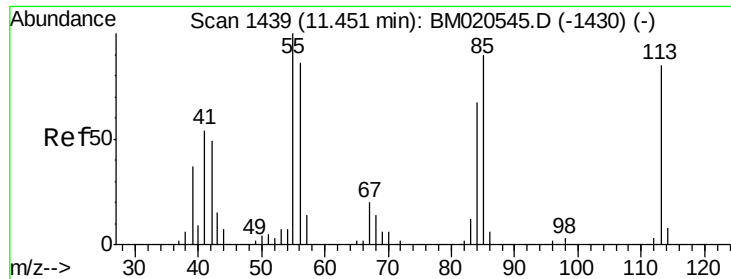
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#34
Hexachlorobutadiene
Concen: 47.503 ng
RT: 10.76 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	176139		
223	64.2	51.4	77.0	
227	63.8	51.0	76.6	





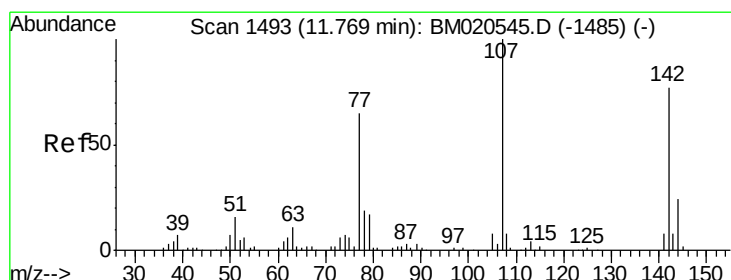
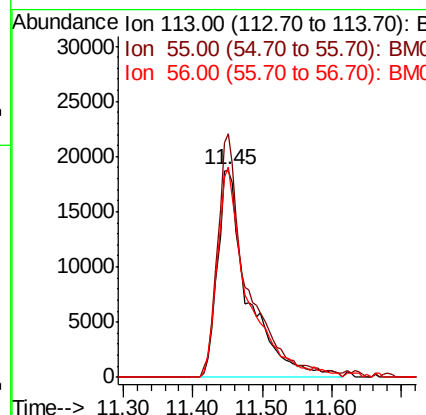
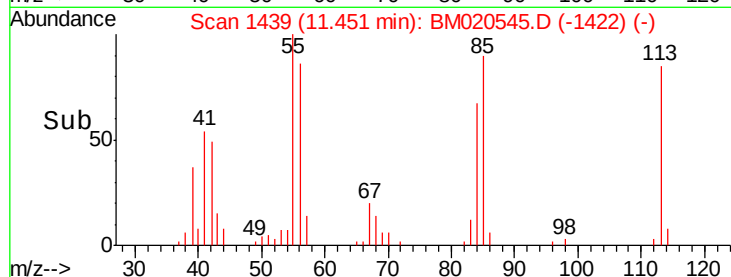
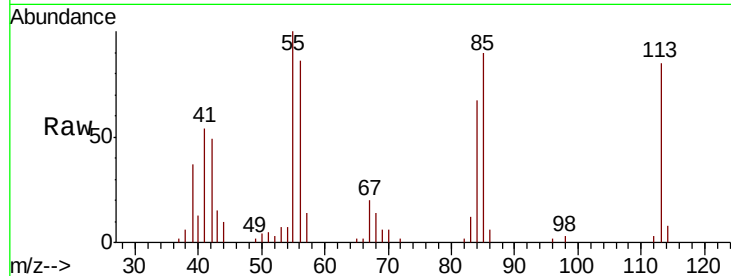
#35
Caprolactam
Concen: 45.362 ng/ml
RT: 11.45 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	117.6	97.6	137.6
56	101.6	81.6	121.6

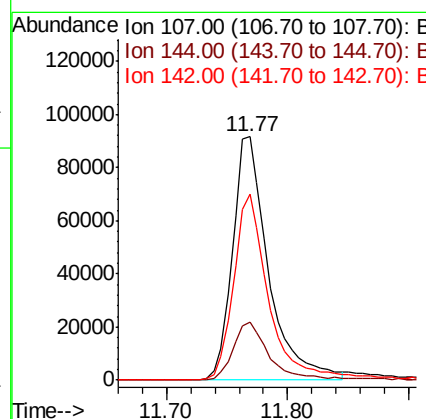
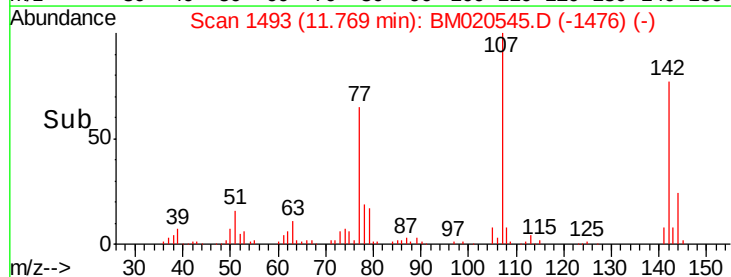
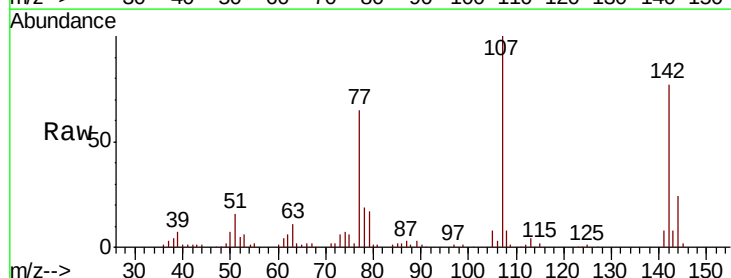
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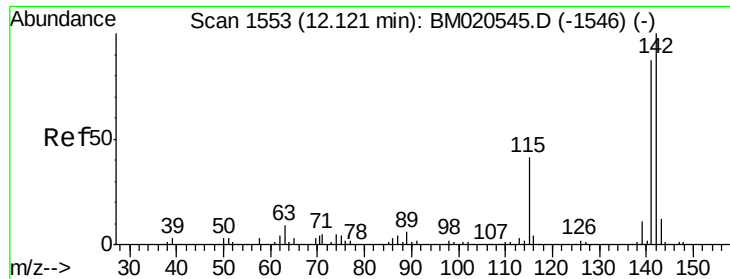
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#36
4-Chloro-3-methylphenol
Concen: 37.966 ng
RT: 11.77 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.0	28.6
142	76.6	61.3	91.9





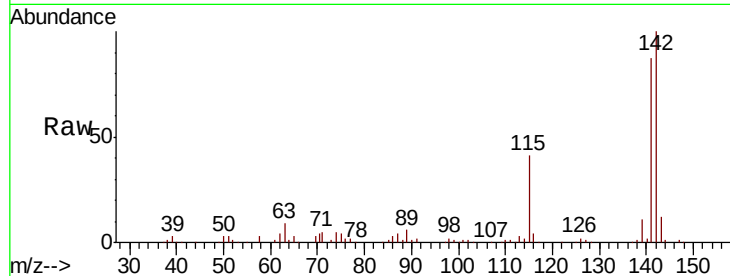
#37
2-Methylnaphthalene
Concen: 41.023 ng
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.9	104.9
115	41.1	32.9	49.3

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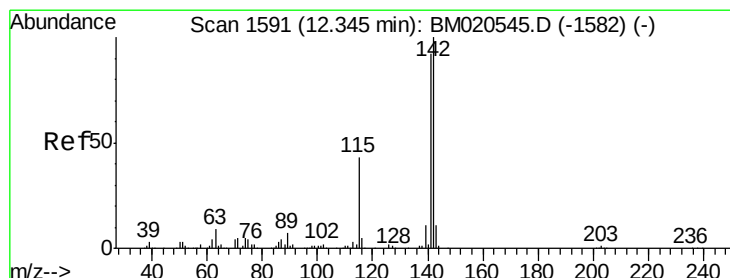
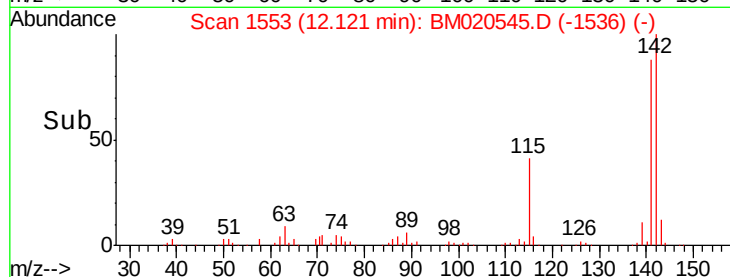
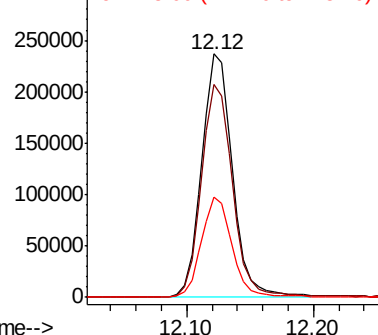


Abundance

Ion 142.00 (141.70 to 142.70): E

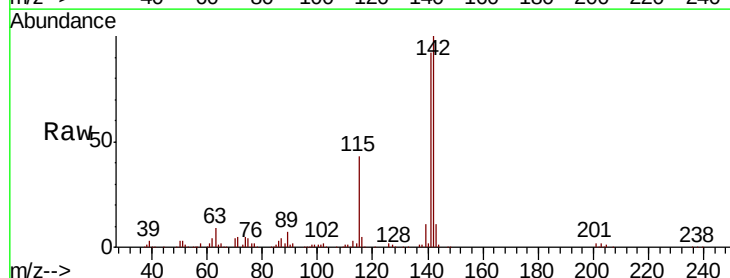
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.607 ng
RT: 12.35 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	4.6	3.7	5.5

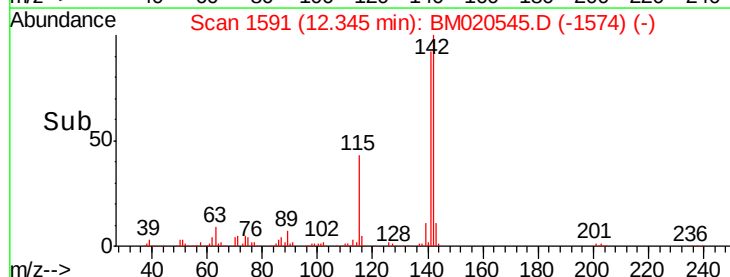
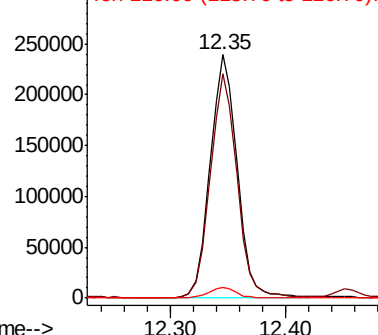


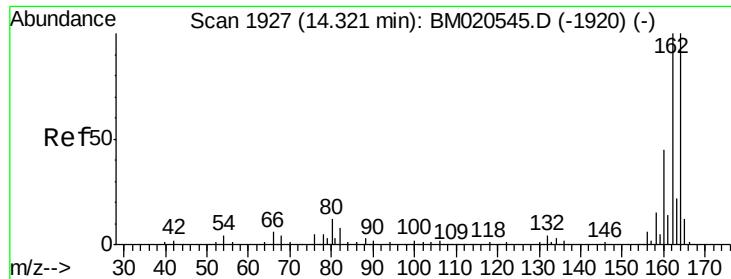
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:164 Resp: 185552

Ion Ratio Lower Upper

164 100

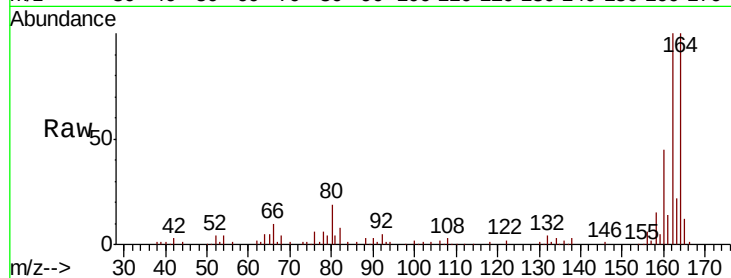
162 99.8 79.8 119.8

160 44.9 35.9 53.9

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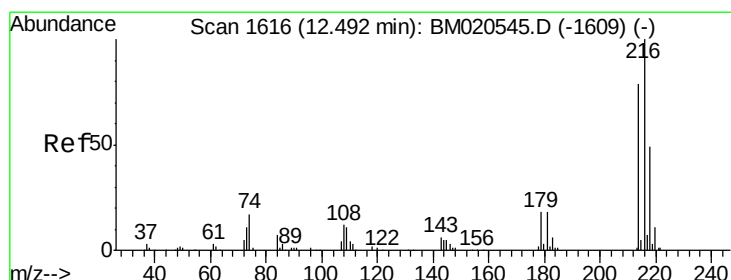
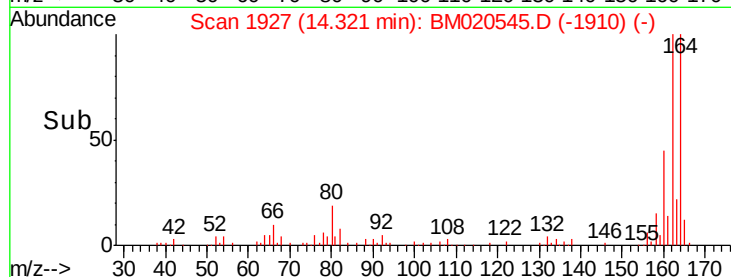
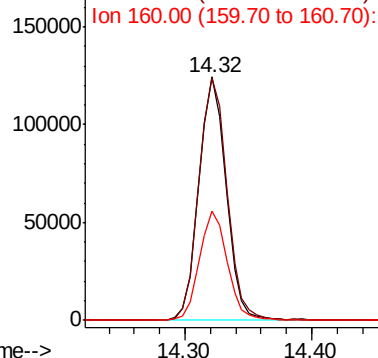


Abundance

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: 42.570 ng

RT: 12.49 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Tgt Ion:216 Resp: 309035

Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 18.5 14.8 22.2

108 13.1 10.5 15.7

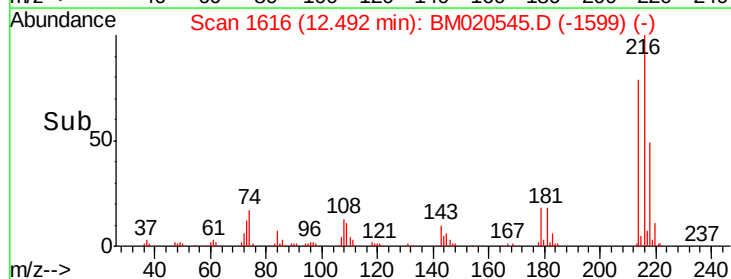
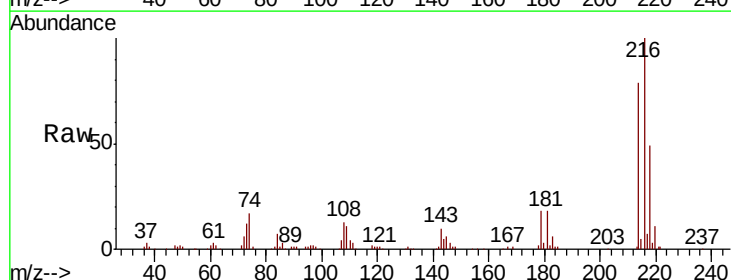
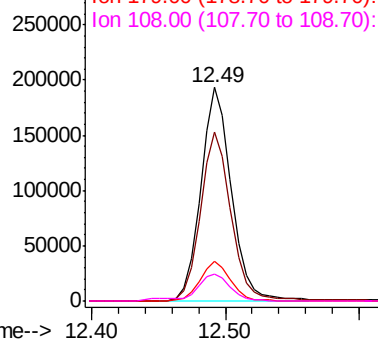
Abundance

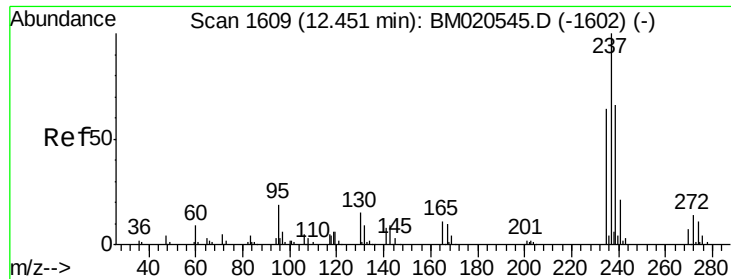
Ion 216.00 (215.70 to 216.70): E

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





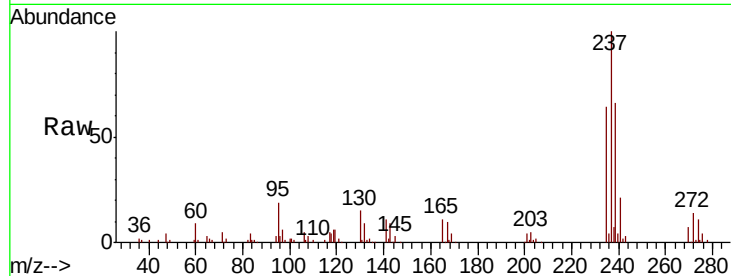
#41
Hexachlorocyclopentadiene
Concen: 30.105 ng
RT: 12.45 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.5	83.5
272	13.9	0.0	33.9

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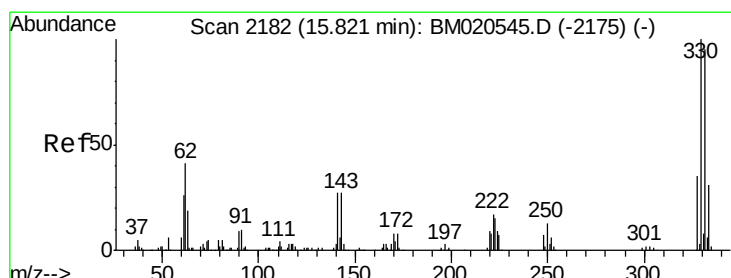
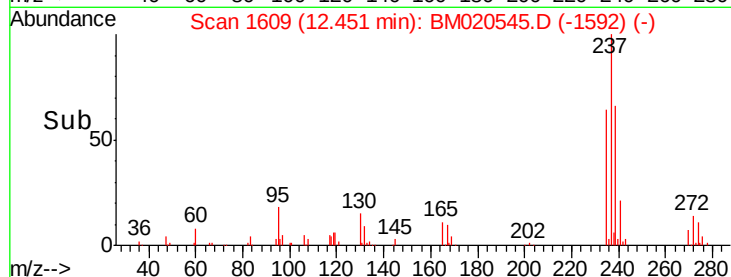
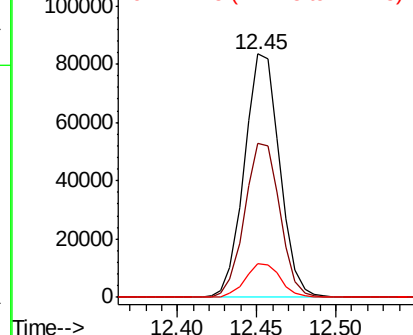


Abundance

Ion 236.80 (236.50 to 237.50): E

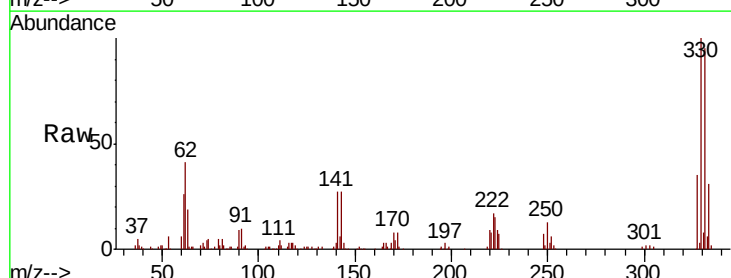
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 101.332 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

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

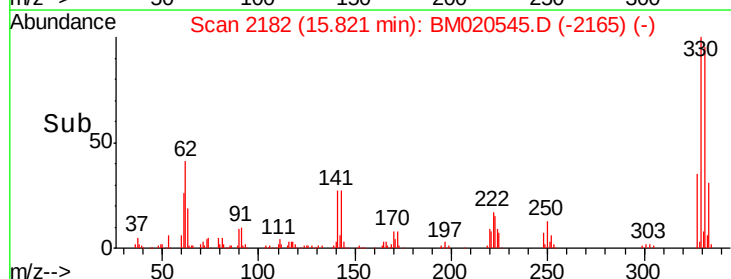
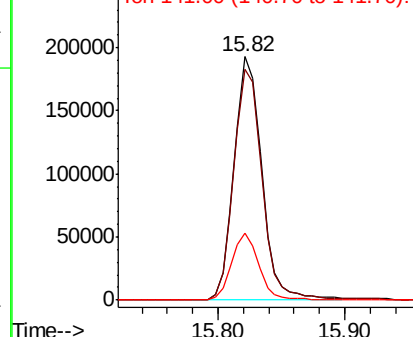


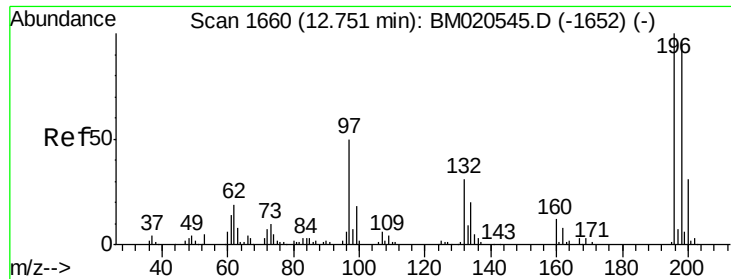
Abundance

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





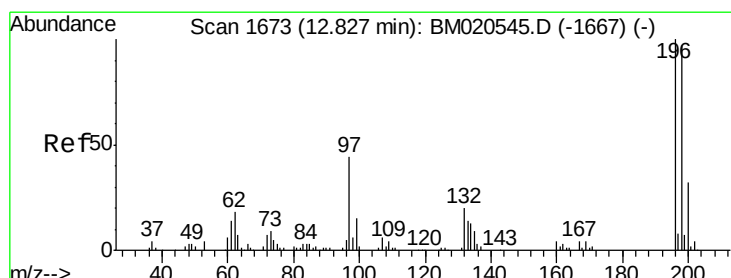
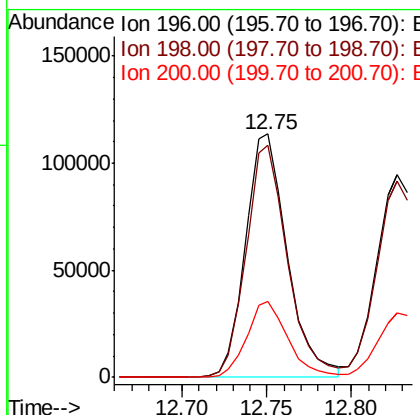
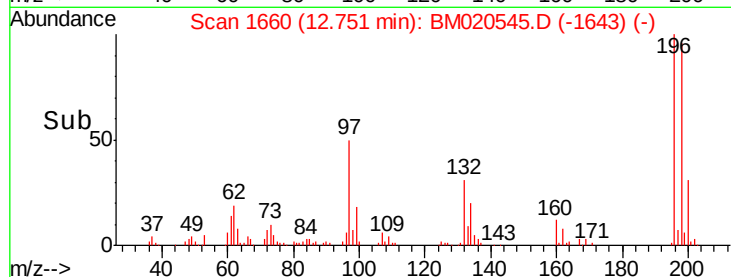
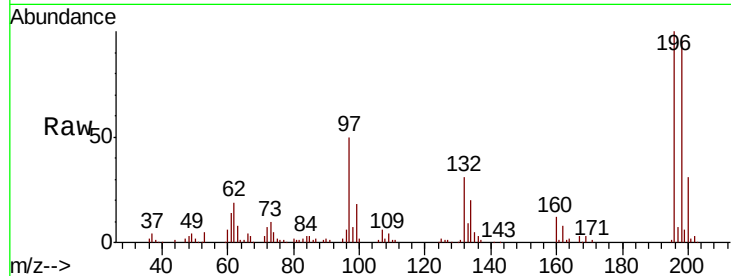
#43
 2,4,6-Trichlorophenol
 Concen: 47.342 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195324		
198	95.5	76.4	114.6	
200	31.2	25.0	37.4	

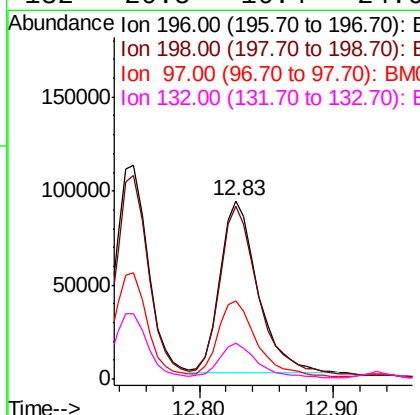
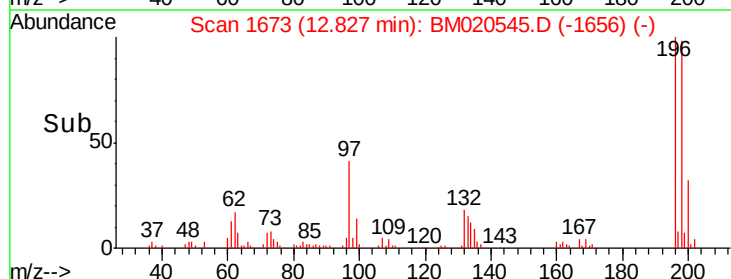
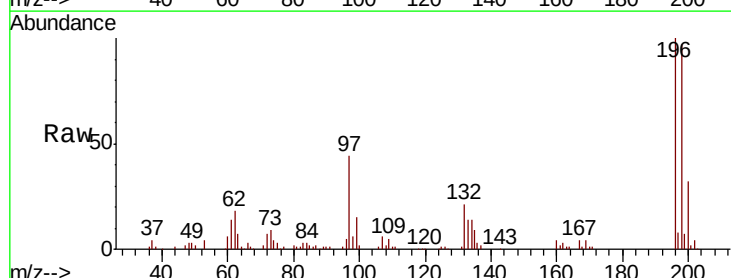
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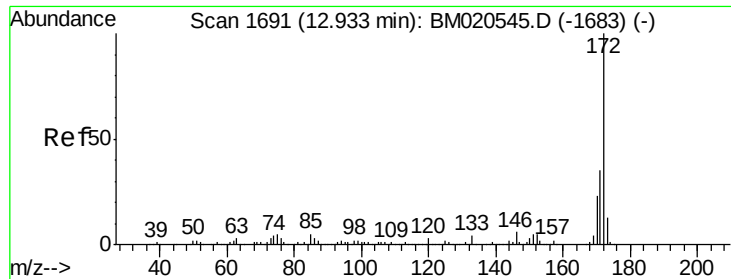
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#44
 2,4,5-Trichlorophenol
 Concen: 39.807 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183472		
198	97.0	77.6	116.4	
97	44.2	35.4	53.0	
132	20.5	16.4	24.6	





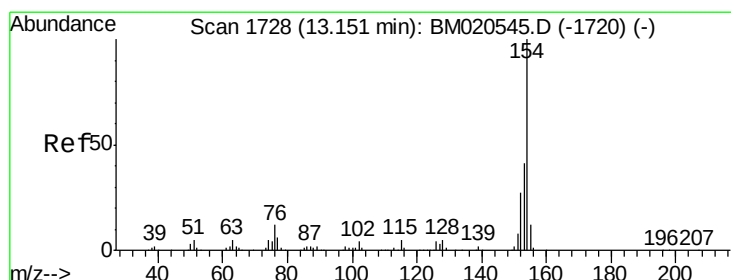
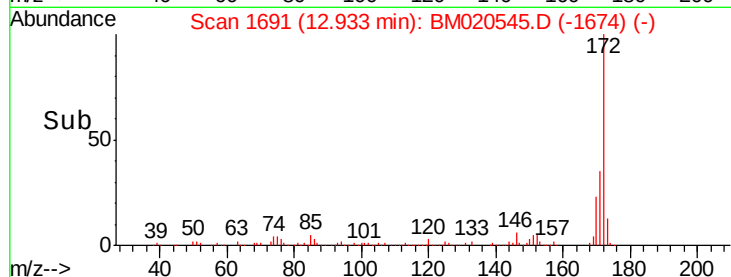
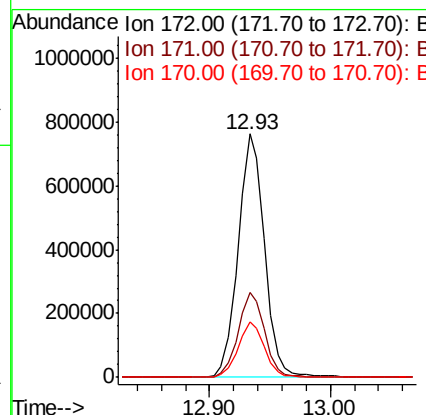
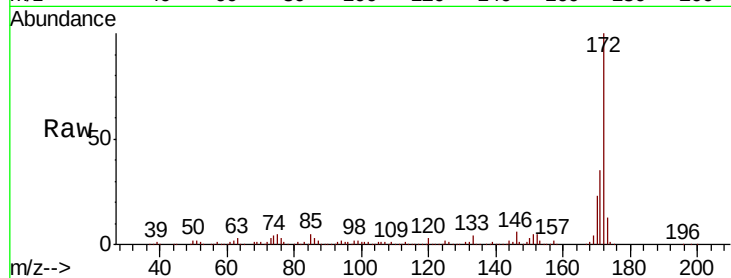
#45
2-Fluorobiphenyl
Concen: 77.124 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	22.8	18.2	27.4

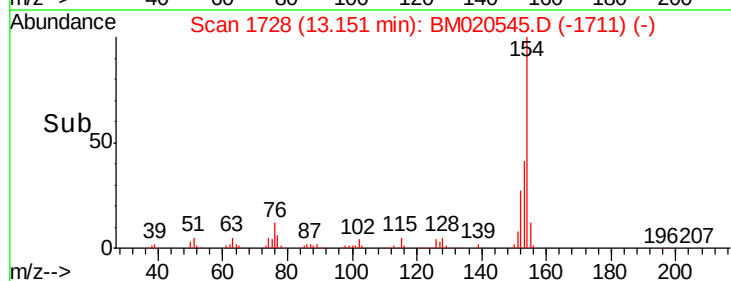
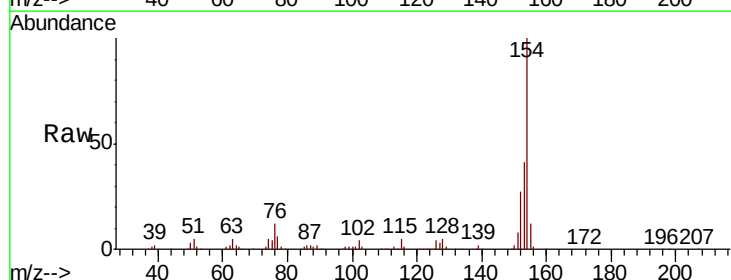
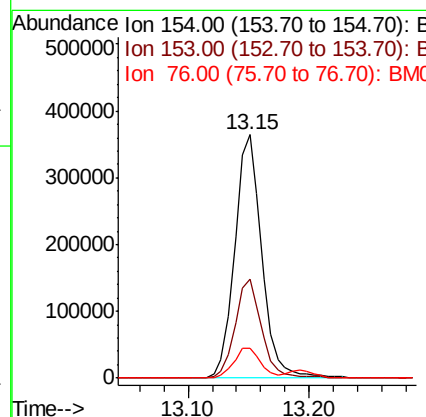
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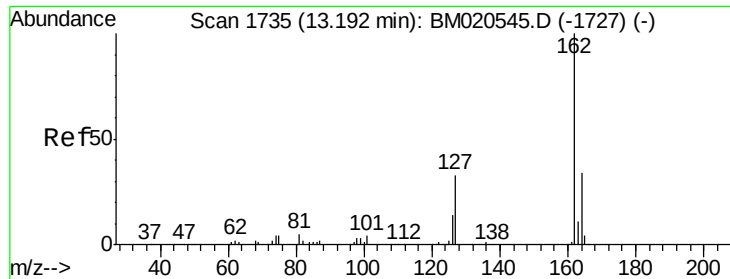
mohammad
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#46
1,1'-Biphenyl
Concen: 37.263 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	12.2	0.0	32.2





#47

2-Chloronaphthalene

Concen: 39.215 ng

RT: 13.19 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

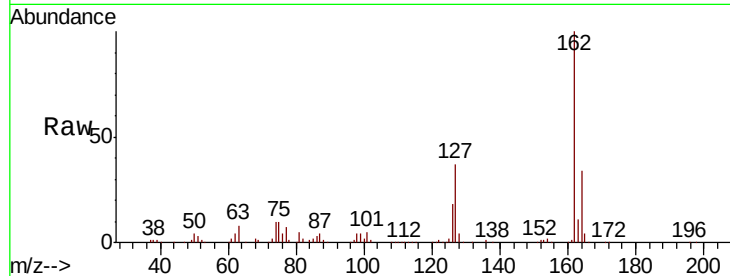
ClientSampleId :

SSTDICCC040

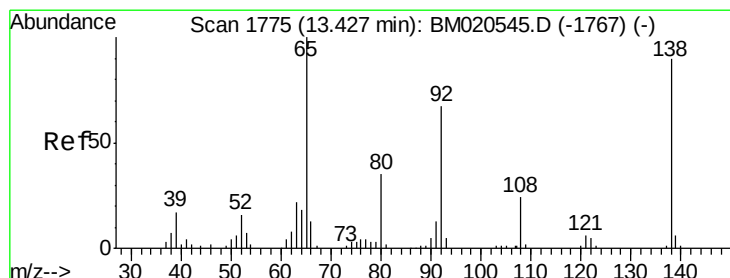
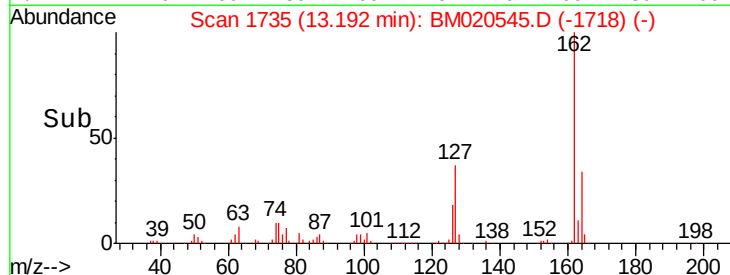
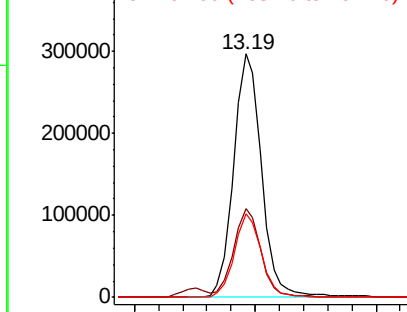
Tot Ion:	162	Resp:	478194
Ion Ratio		Lower	Upper
162	100		
127	36.5	29.2	43.8
164	34.3	27.4	41.2

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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: 32.850 ng

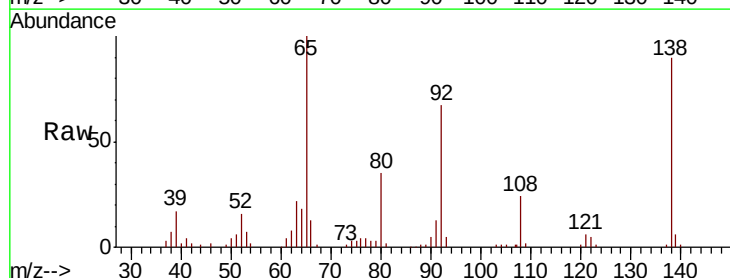
RT: 13.43 min Scan# 1775

Delta R.T. 0.00 min

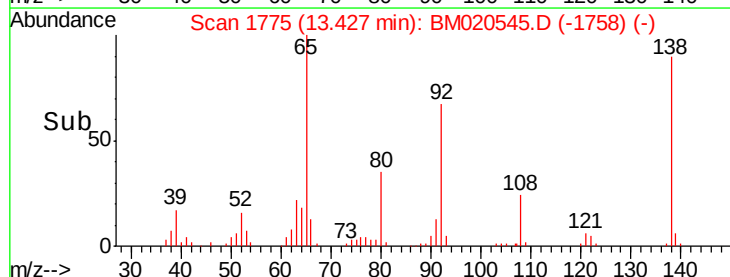
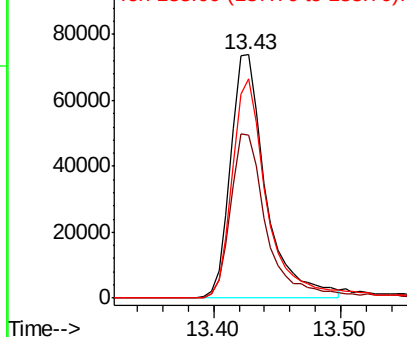
Lab File: BM020545.D

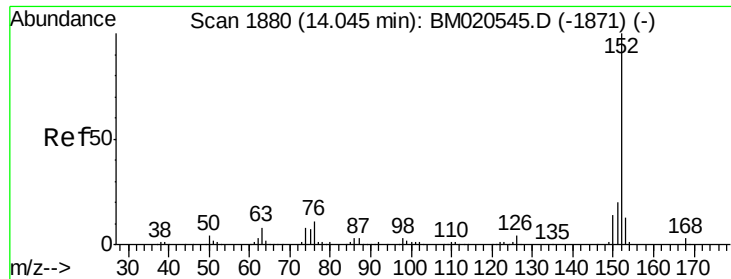
Acq: 24 May 2019 12:47

Tgt Ion:	65	Resp:	142612
Ion Ratio		Lower	Upper
65	100		
92	67.0	53.6	80.4
138	90.0	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: 37.043 ng

RT: 14.04 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

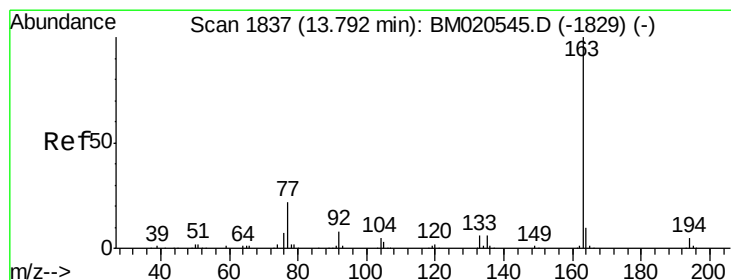
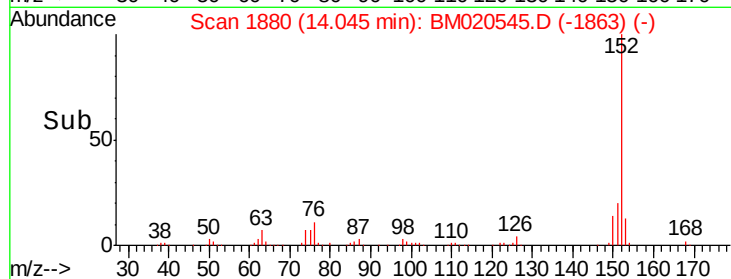
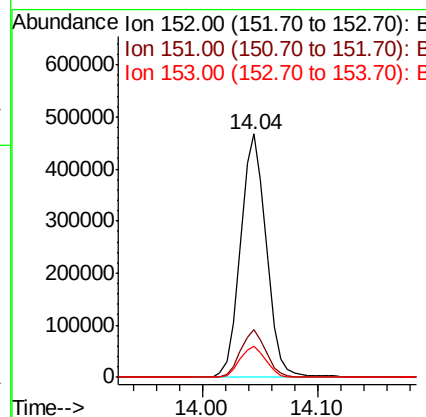
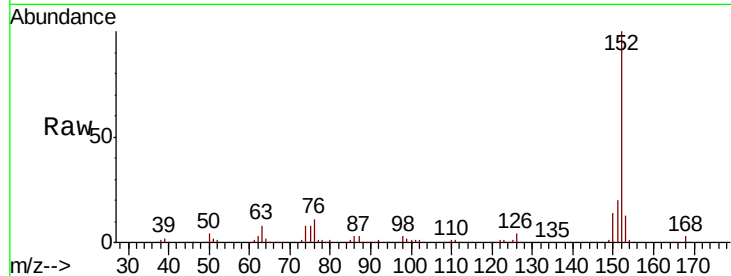
ClientSampleId :

SSTDICCC040

Tot Ion:	152	Resp:	722900
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.7	23.5
153	12.7	10.2	15.2

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#50

Dimethylphthalate

Concen: 41.319 ng

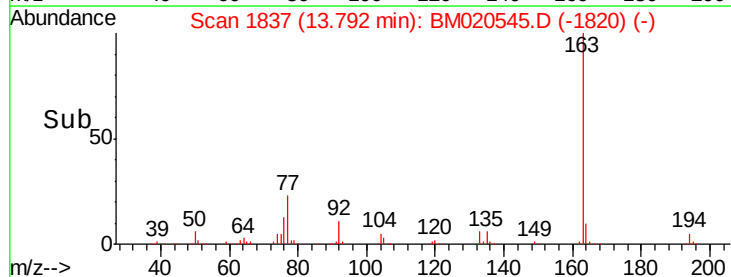
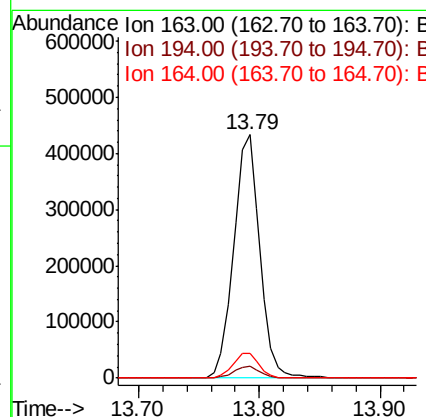
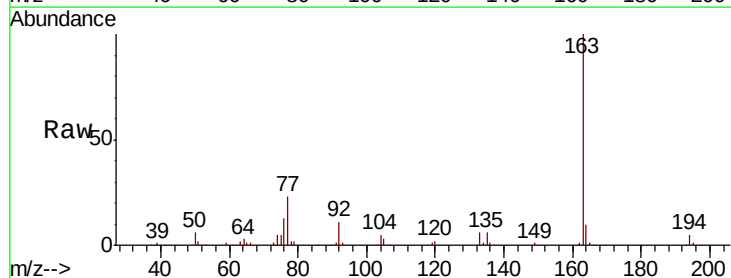
RT: 13.79 min Scan# 1837

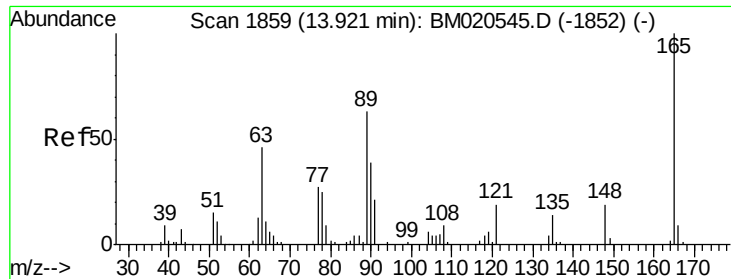
Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Tgt Ion:	163	Resp:	651621
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	10.0	8.0	12.0





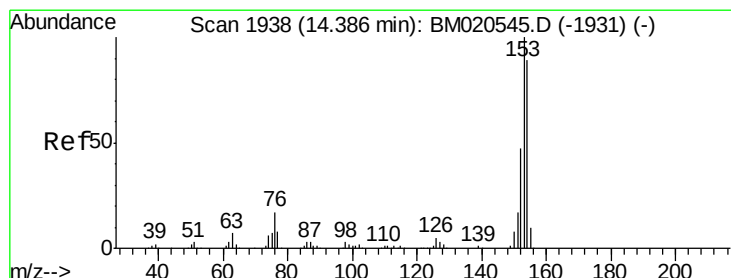
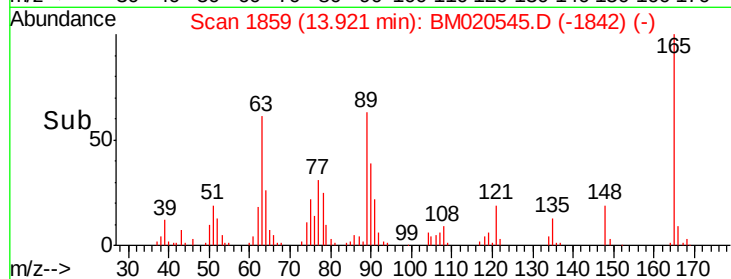
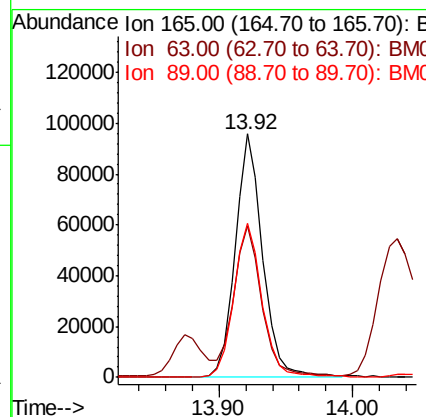
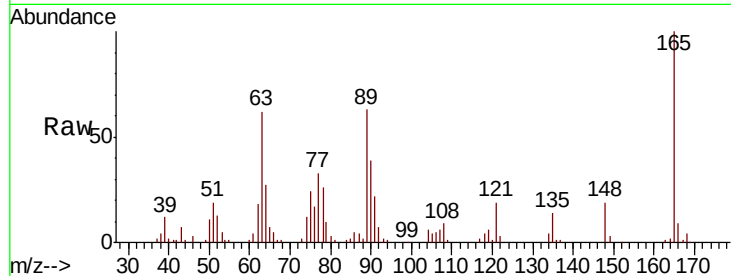
#51
2,6-Dinitrotoluene
Concen: 41.266 ng
RT: 13.92 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.0	49.6	74.4
89	63.5	50.8	76.2

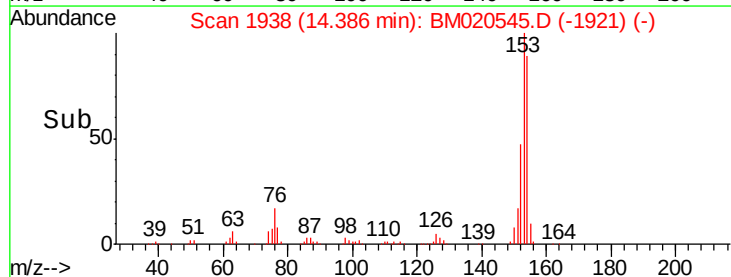
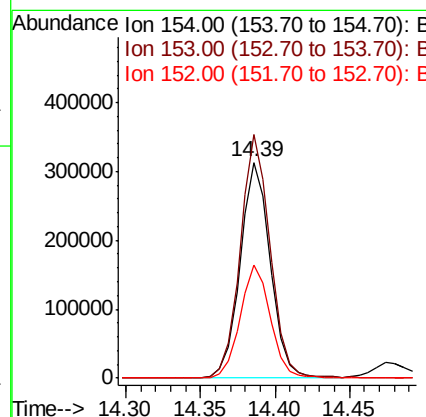
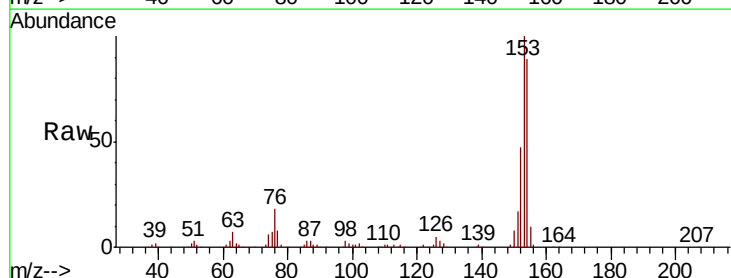
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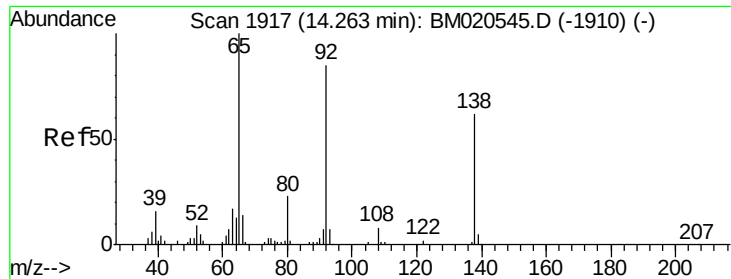
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#52
Acenaphthene
Concen: 39.287 ng
RT: 14.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.2	135.4
152	52.5	42.0	63.0





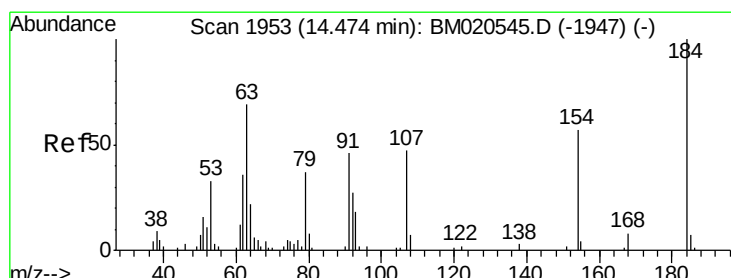
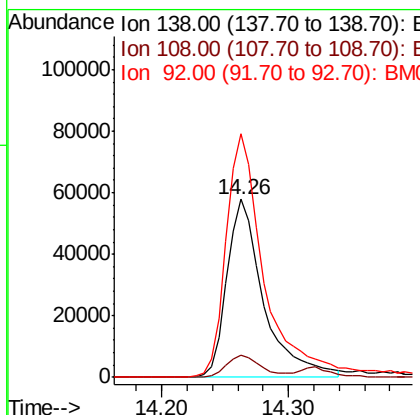
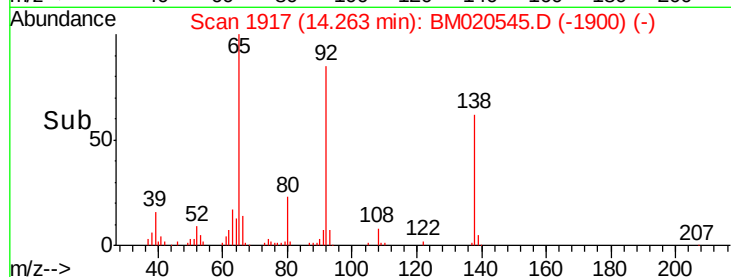
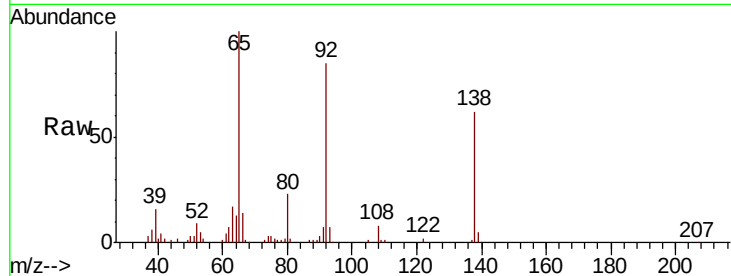
#53
3-Nitroaniline
Concen: 37.834 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	116637		
108	12.6	10.1	15.1	
92	136.9	109.5	164.3	

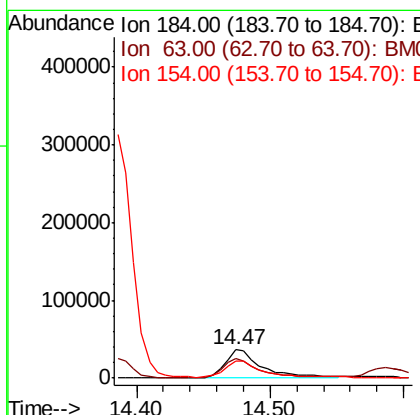
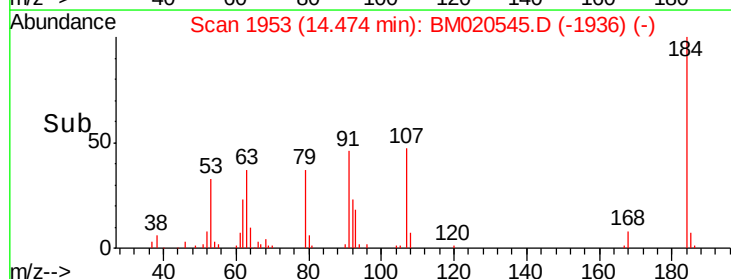
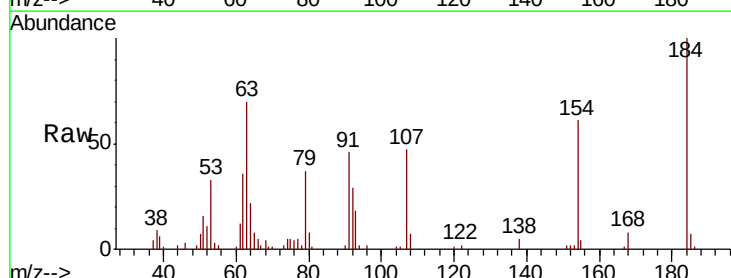
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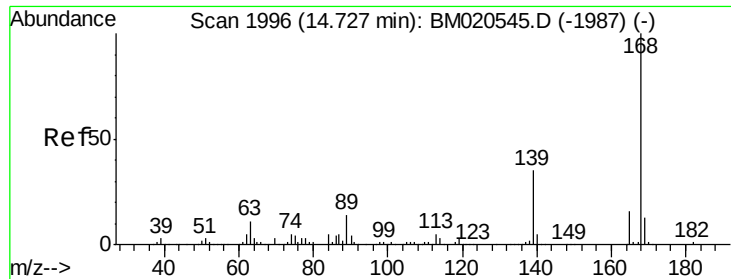
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#54
2,4-Dinitrophenol
Concen: 49.927 ng
RT: 14.47 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	70140		
63	70.4	56.3	84.5	
154	61.3	49.0	73.6	





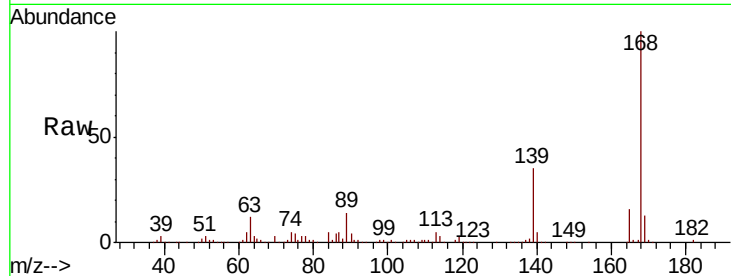
#55
Dibenzenofuran
Concen: 39.991 ng
RT: 14.73 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.3	28.2	42.4
169	13.3	10.6	16.0

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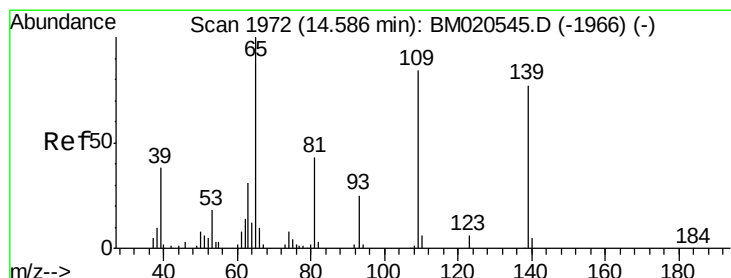
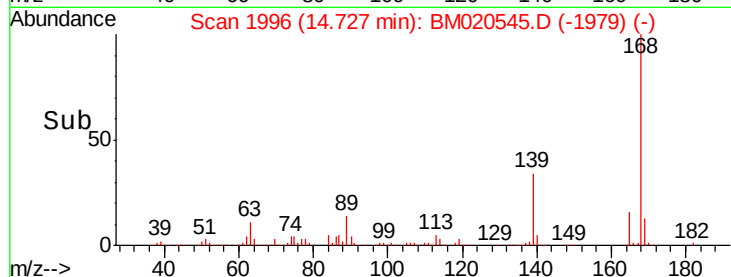
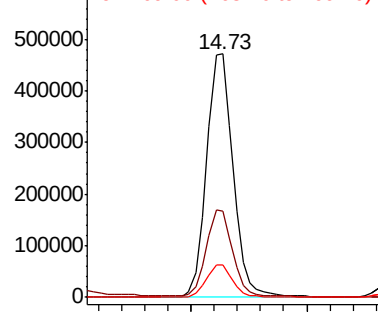


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 28.761 ng
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

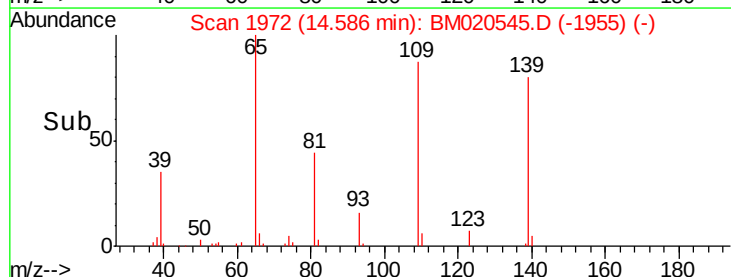
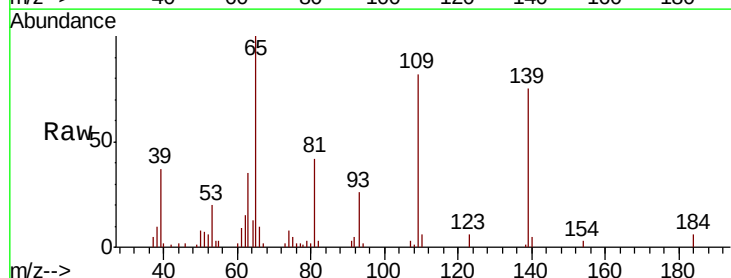
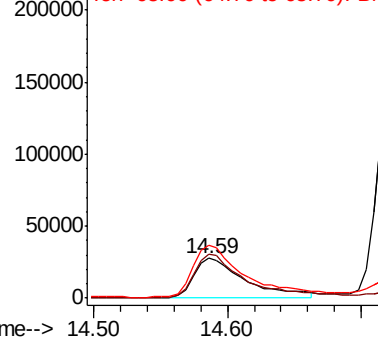
Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.4	89.4	129.4
65	133.3	113.3	153.3

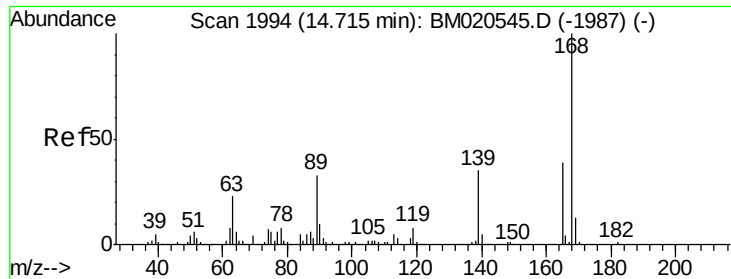
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





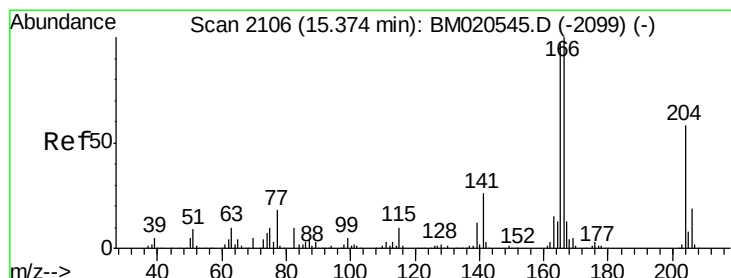
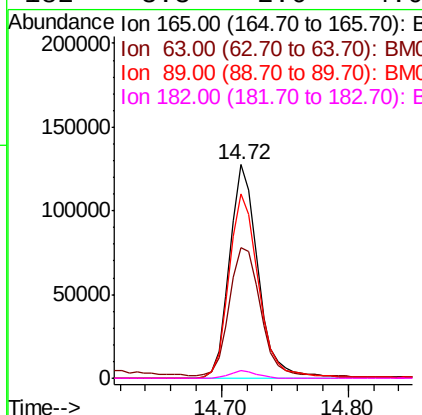
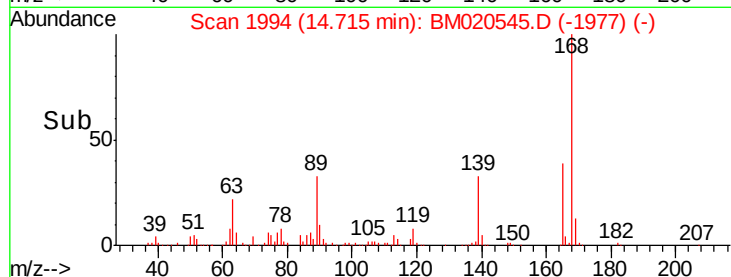
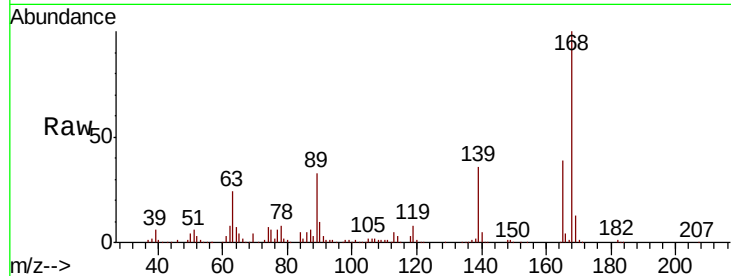
#57
2,4-Dinitrotoluene
Concen: 43.898 ng
RT: 14.72 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198130		
63	60.9	48.7	73.1	
89	86.0	68.8	103.2	
182	3.3	2.6	4.0	

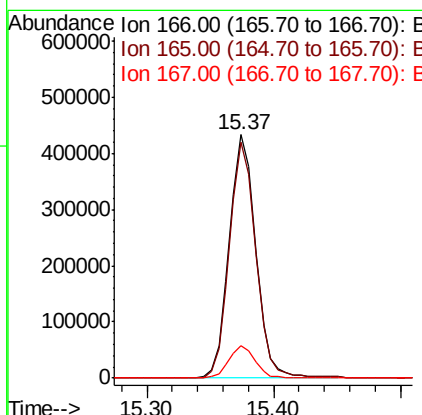
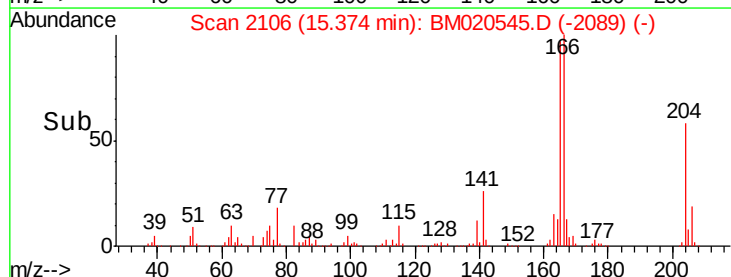
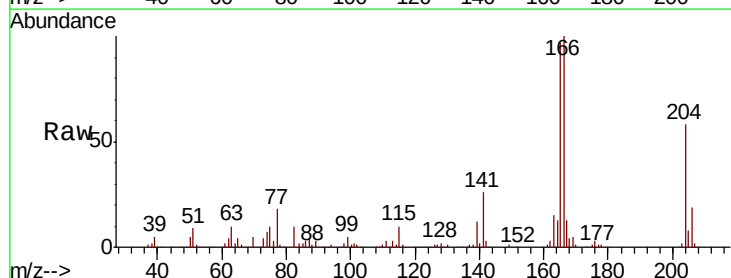
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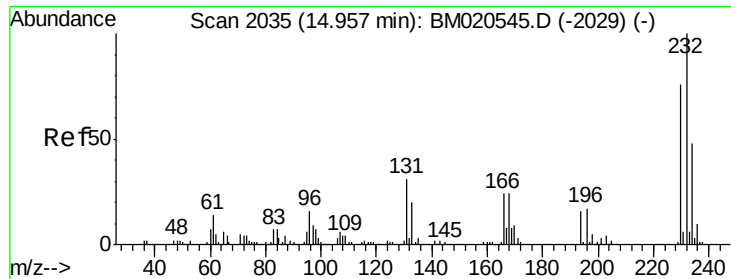
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#58
Fluorene
Concen: 40.552 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	628683		
165	96.7	77.4	116.0	
167	13.3	10.6	16.0	





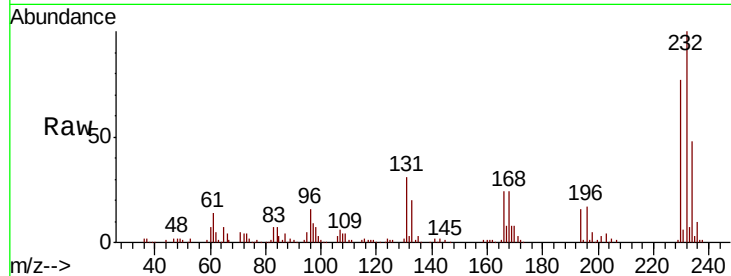
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.711 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	208975		
131	31.8		25.4	38.0
130	1.9		1.5	2.3
166	24.6		19.7	29.5

Manual Integrations
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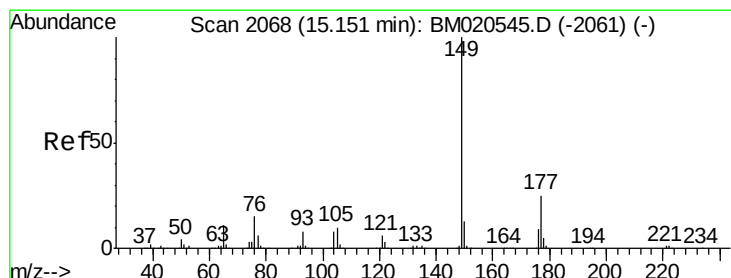
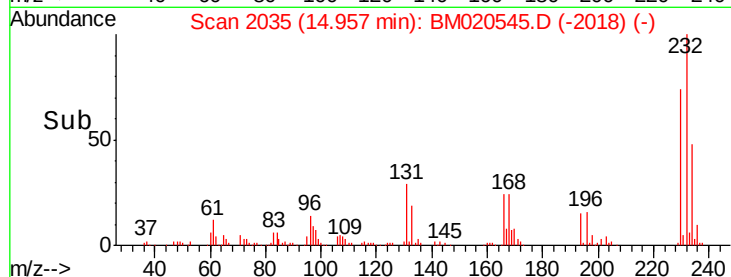
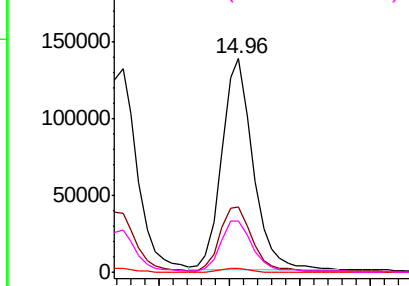
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

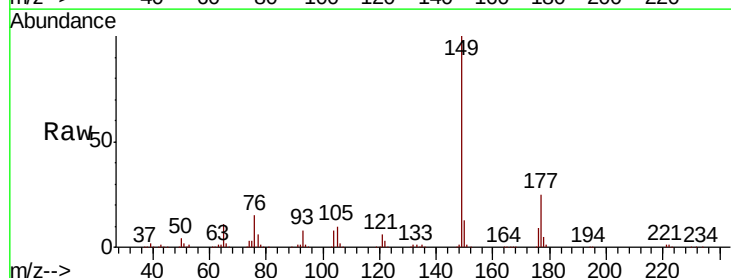
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.157 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	638033		
177	24.8		19.8	29.8
150	12.7		10.2	15.2

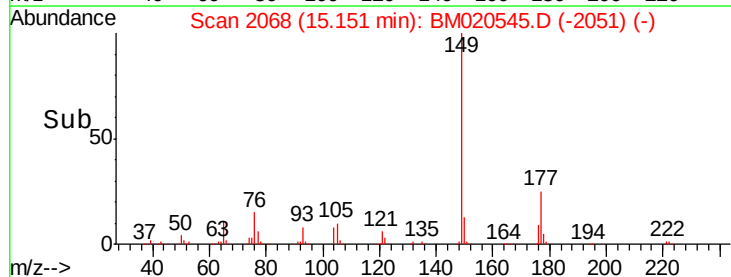
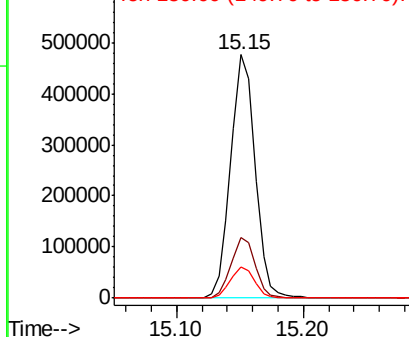


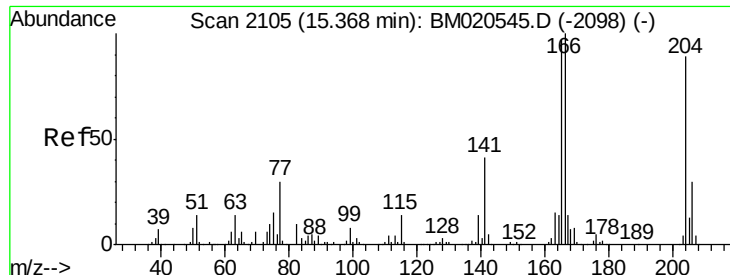
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





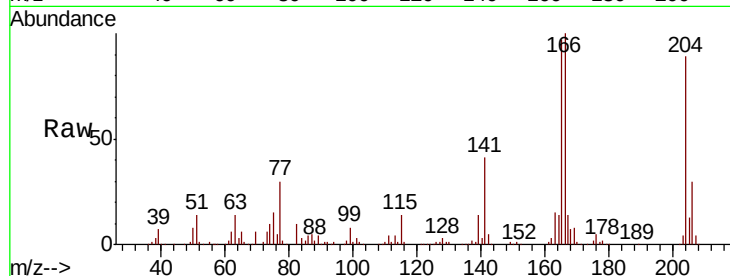
#61
 4-Chlorophenyl-phenylether
 Concen: 45.467 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

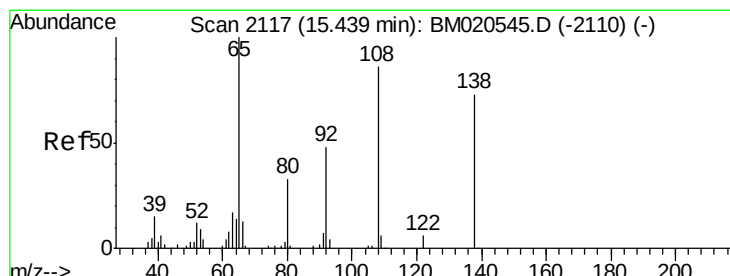
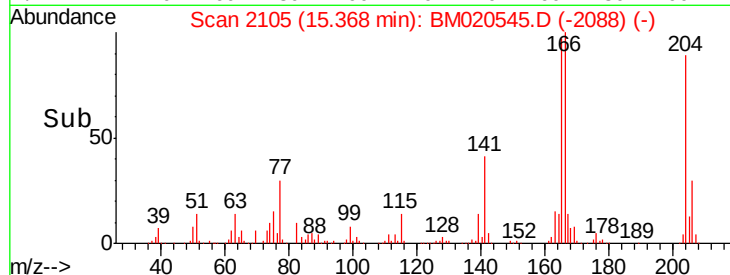
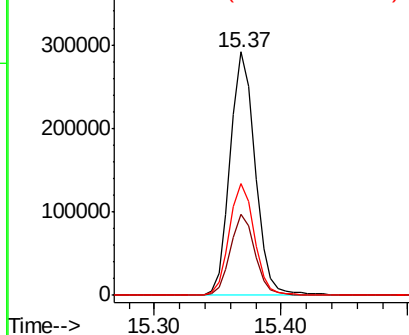
Tot Ion:	204	Resp:	399382
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.6	40.0
141	46.1	36.9	55.3

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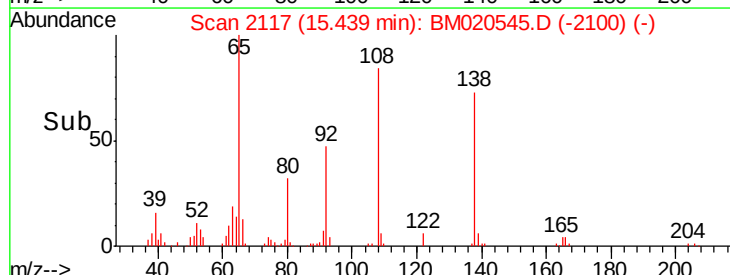
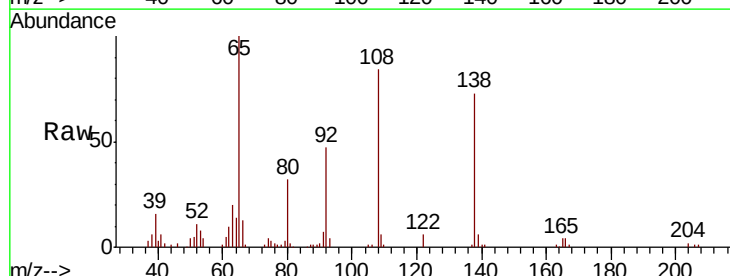
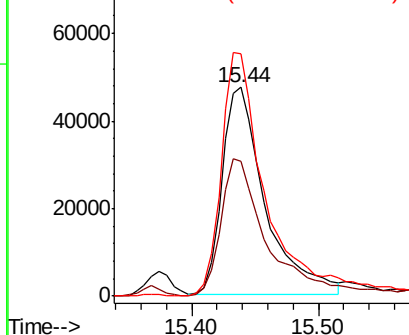
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

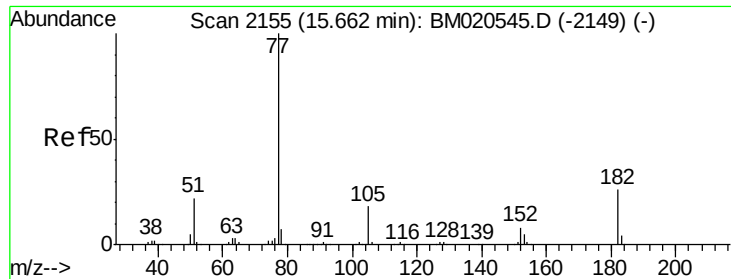


#62
 4-Nitroaniline
 Concen: 32.660 ng
 RT: 15.44 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion:	138	Resp:	111115
Ion Ratio	Lower	Upper	
138	100		
92	64.5	44.5	84.5
108	115.9	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: 33.431 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 626639

Ion Ratio Lower Upper

77 100

182 25.7 5.7 45.7

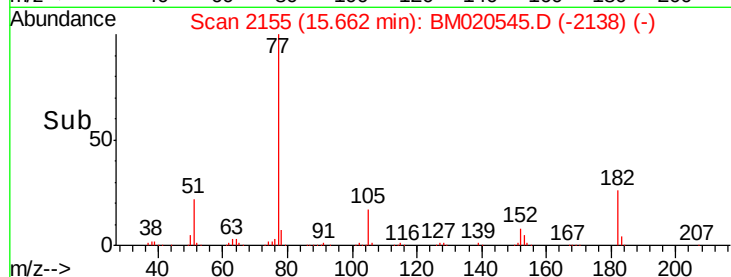
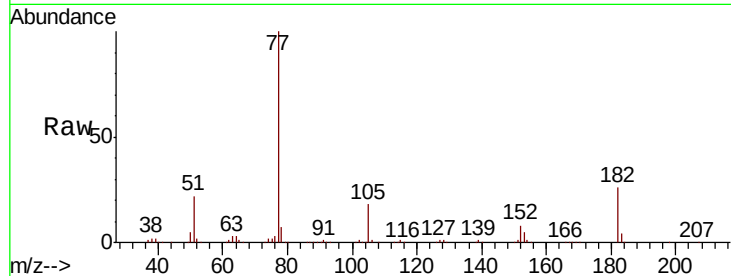
105 17.6 0.0 37.6

51 21.7 1.7 41.7

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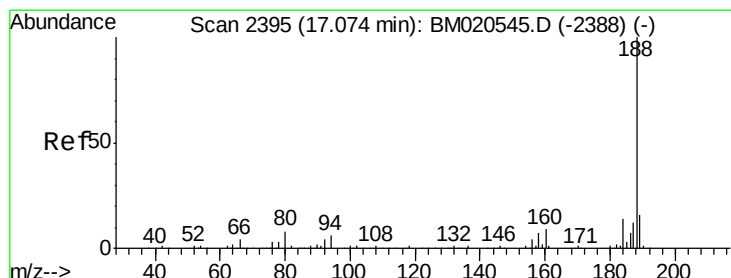
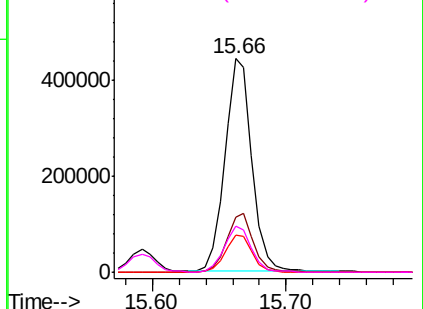


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM020545.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

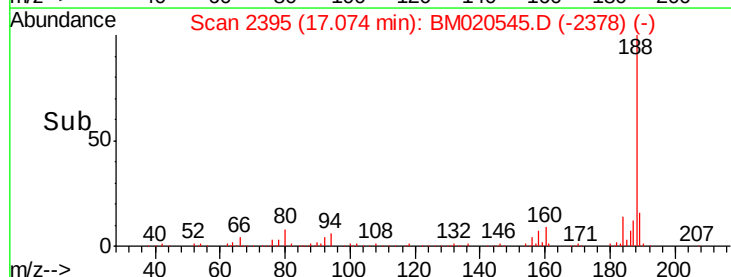
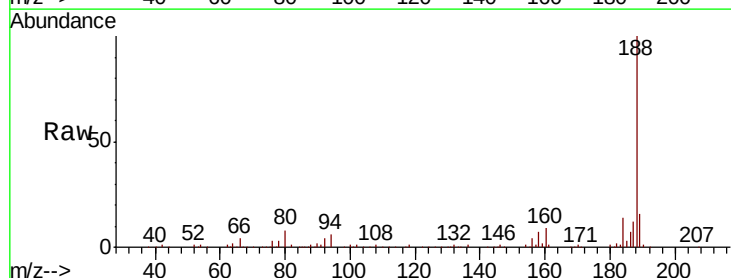
Tgt Ion: 188 Resp: 508357

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

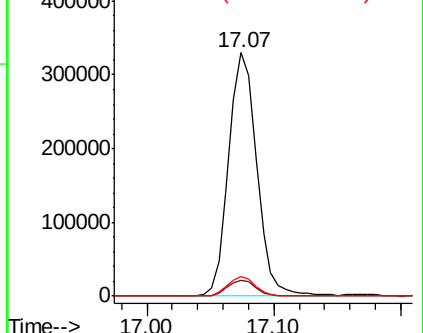
80 8.1 6.5 9.7

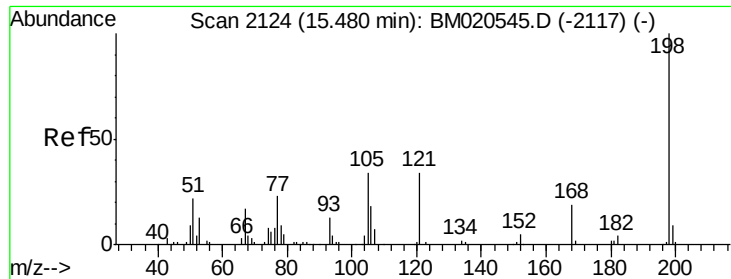


Abundance Ion 188.00 (187.70 to 188.70): BM020545.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM020545.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM020545.D (-2378) (-)





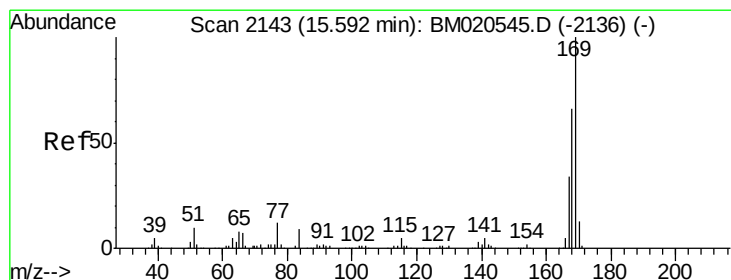
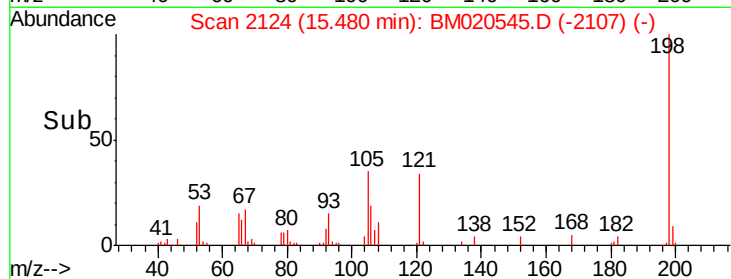
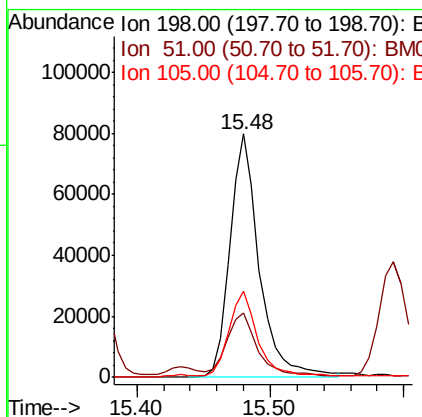
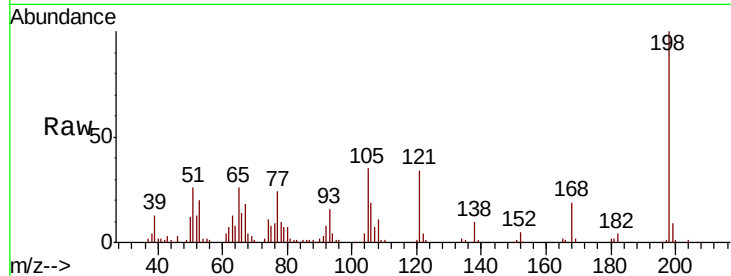
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.290 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122354		
51	26.4		6.4	46.4
105	35.1		15.1	55.1

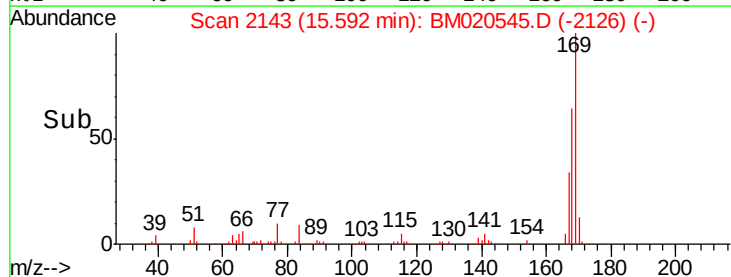
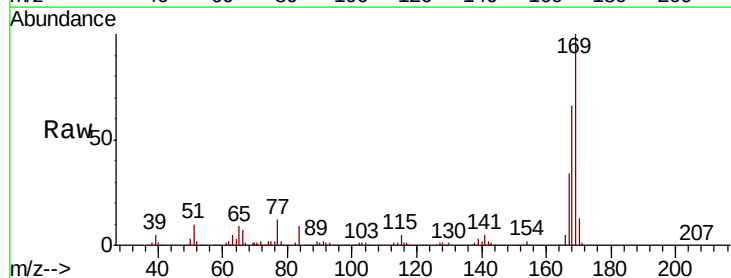
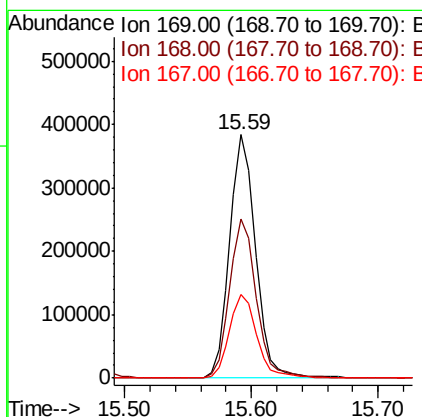
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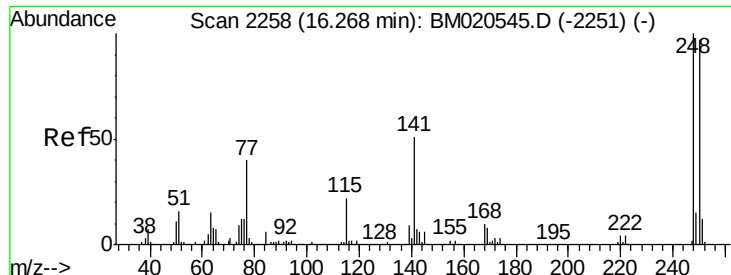
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#66
 n-Nitrosodiphenylamine
 Concen: 36.392 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	544371		
168	65.6		52.5	78.7
167	34.4		27.5	41.3





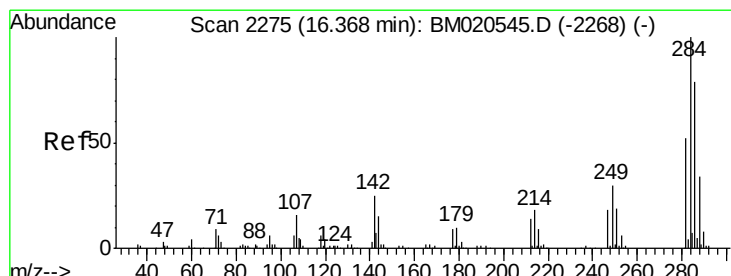
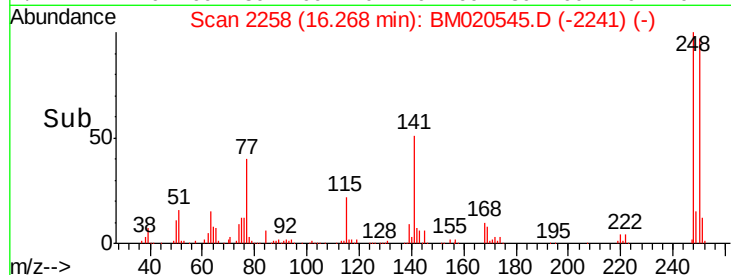
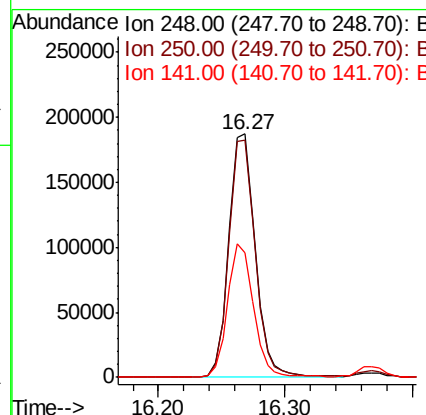
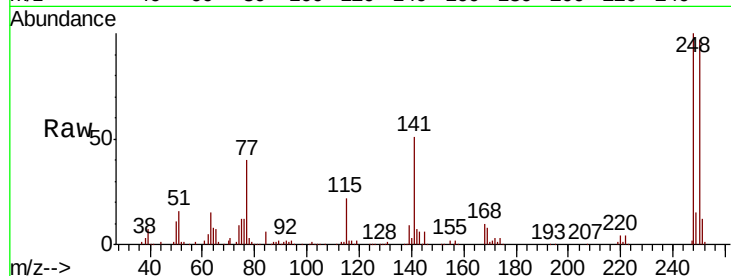
#67
 4-Bromophenyl-phenylether
 Concen: 43.529 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion:	248	Resp:	271352
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.8	116.6
141	51.3	41.0	61.6

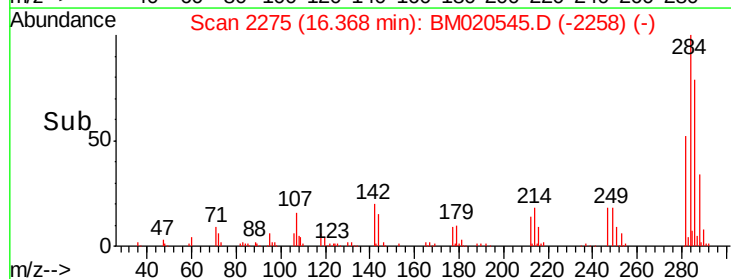
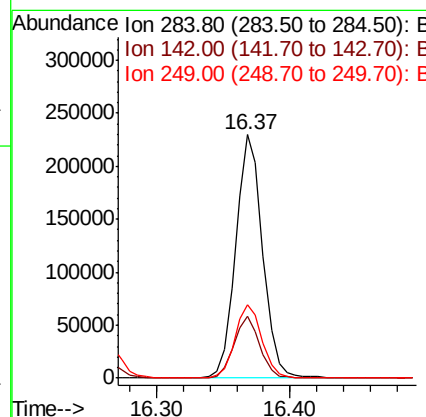
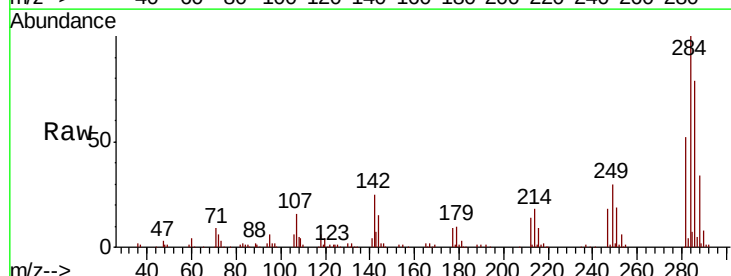
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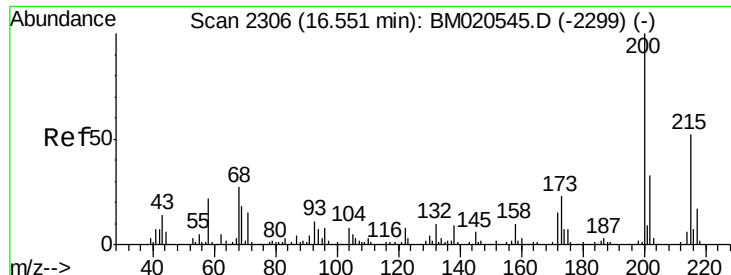
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#68
 Hexachlorobenzene
 Concen: 44.962 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion:	284	Resp:	322535
Ion Ratio	Lower	Upper	
284	100		
142	25.2	20.2	30.2
249	29.9	23.9	35.9





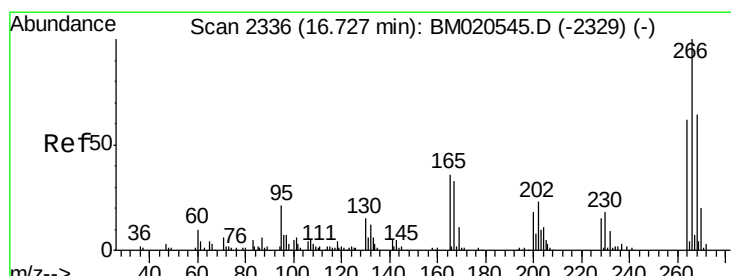
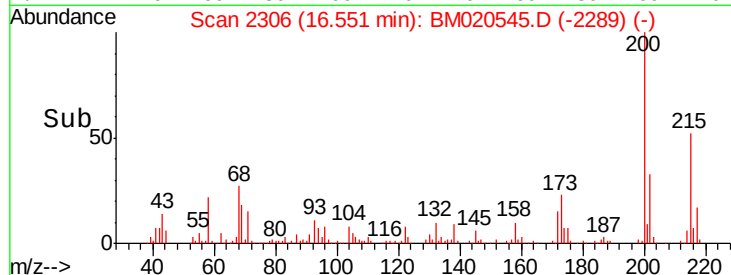
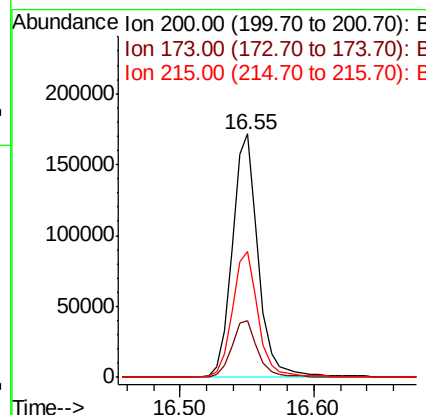
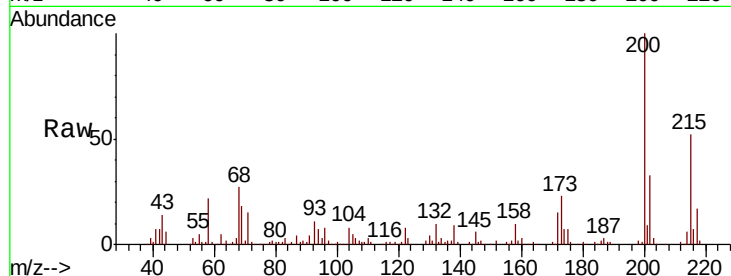
#69
 Atrazine
 Concen: 39.973 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	3.2	43.2
215	51.7	31.7	71.7

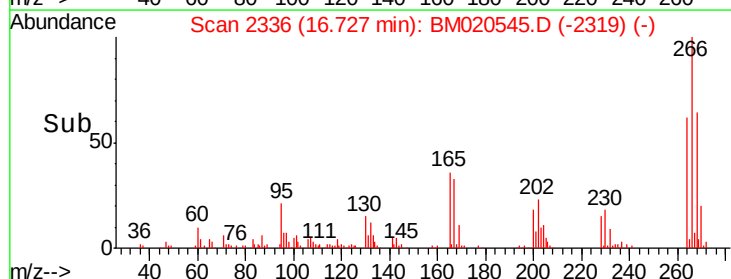
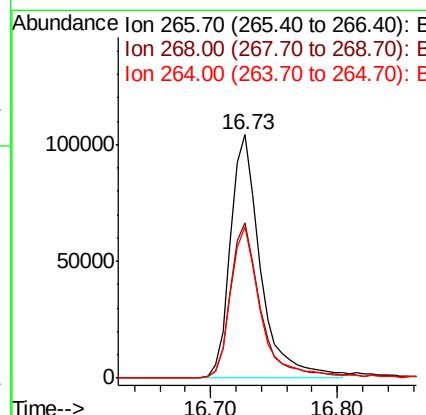
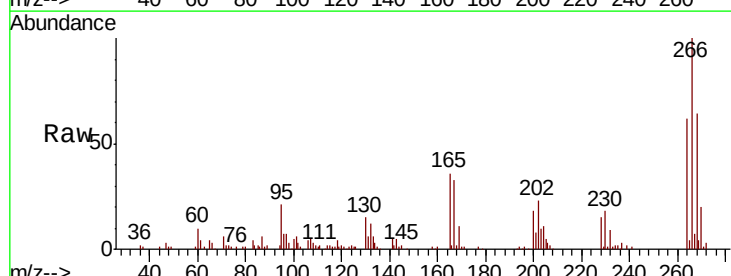
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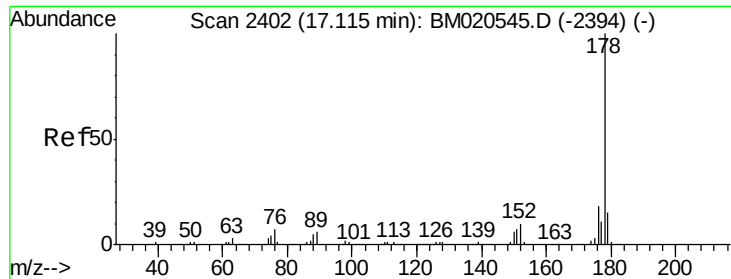
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#70
 Pentachlorophenol
 Concen: 41.876 ng
 RT: 16.73 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.0	76.4
264	62.3	49.8	74.8





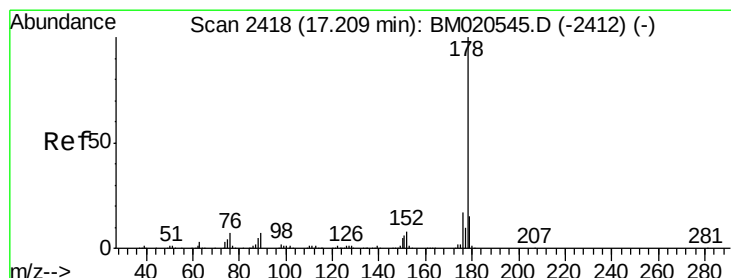
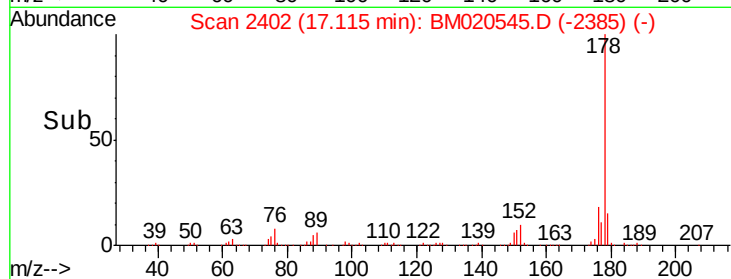
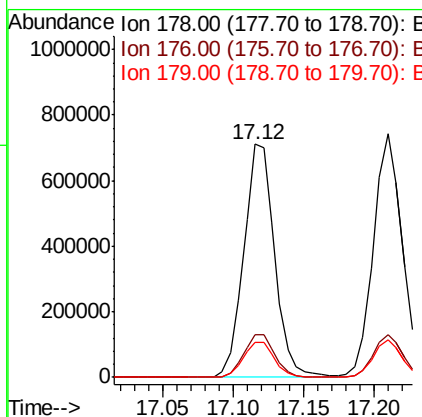
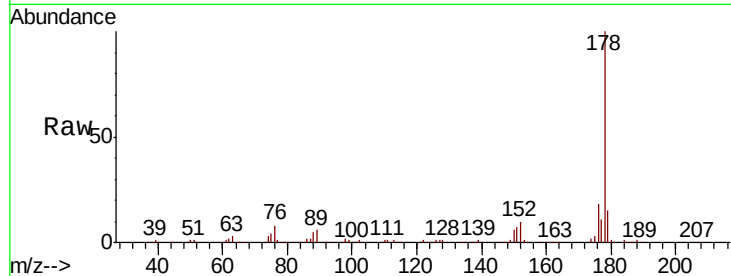
#71
Phenanthrene
Concen: 38.766 ng
RT: 17.12 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:178 Resp: 1087848
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.2

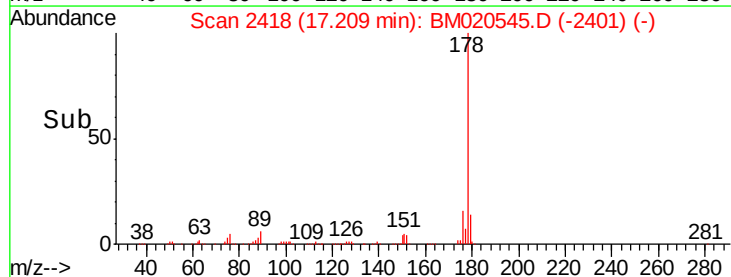
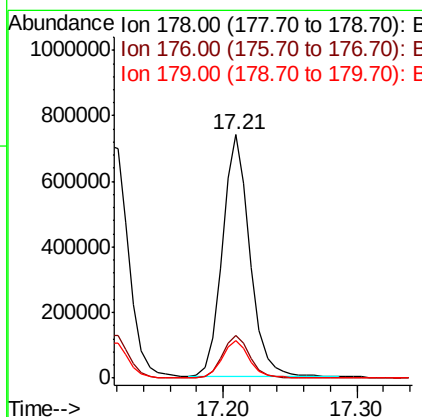
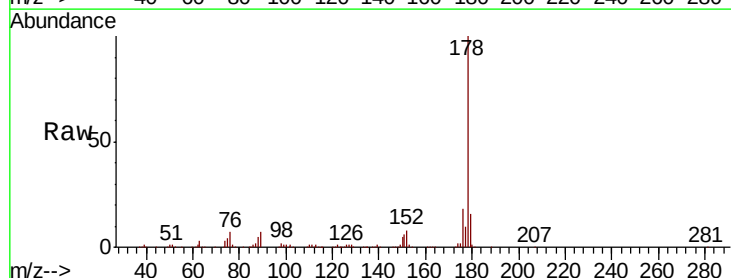
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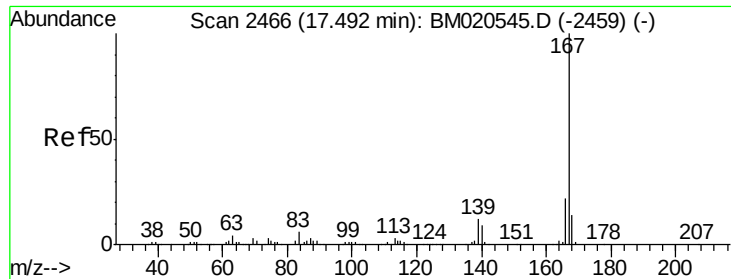
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#72
Anthracene
Concen: 37.843 ng
RT: 17.21 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion:178 Resp: 1061757
Ion Ratio Lower Upper
178 100
176 17.5 14.0 21.0
179 15.5 12.4 18.6





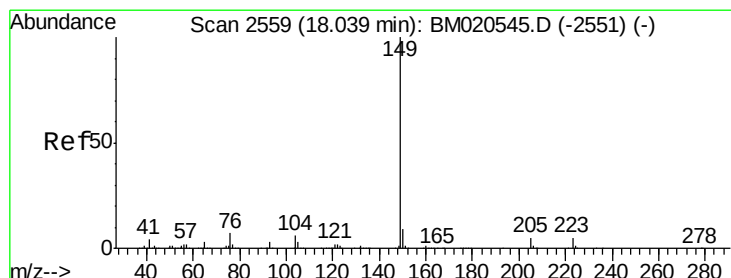
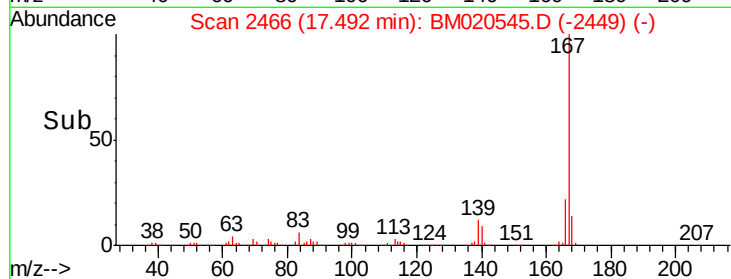
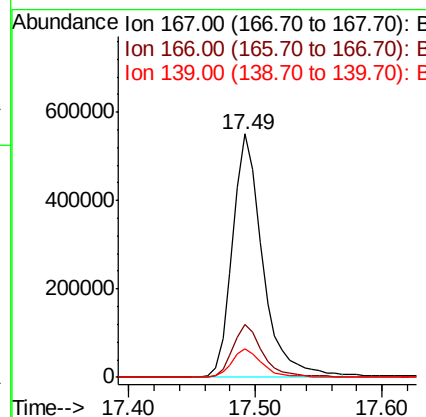
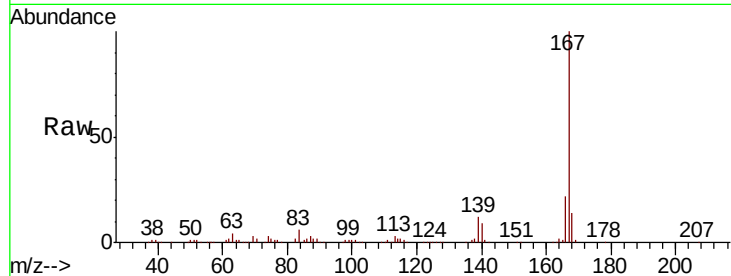
#73
 Carbazole
 Concen: 35.900 ng
 RT: 17.49 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	11.6	9.3	13.9

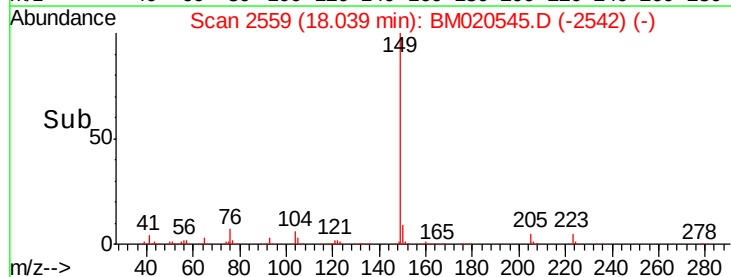
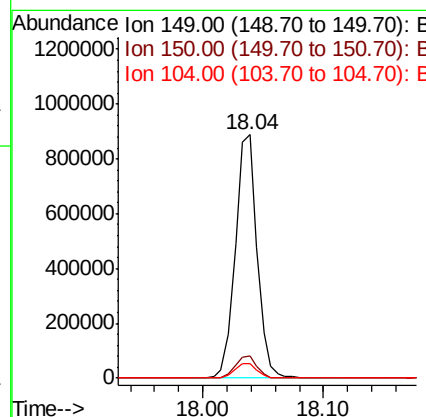
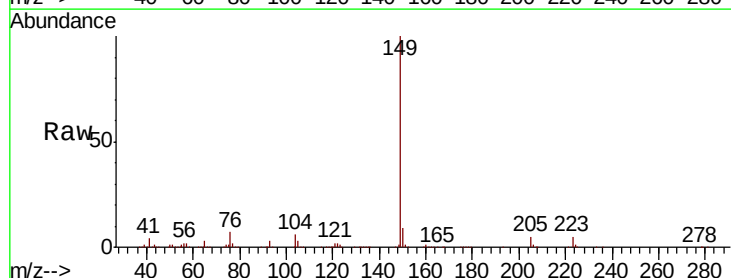
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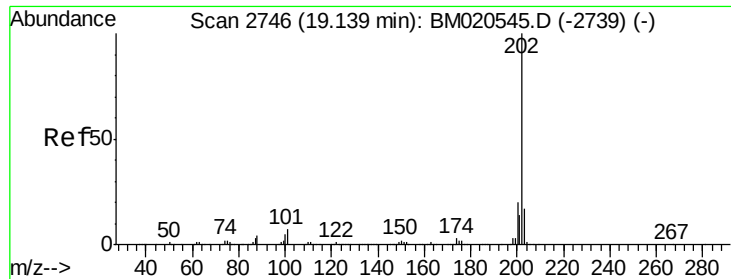
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#74
 Di-n-butylphthalate
 Concen: 36.637 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 42.039 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

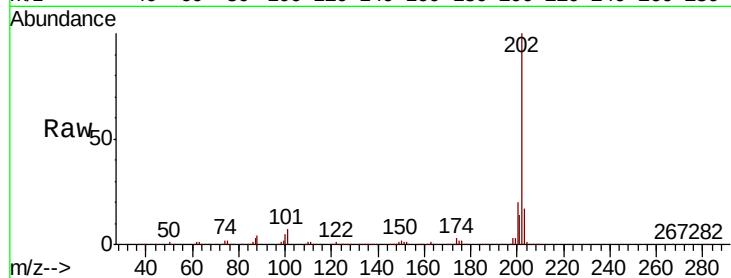
ClientSampled :

SSTDICCC040

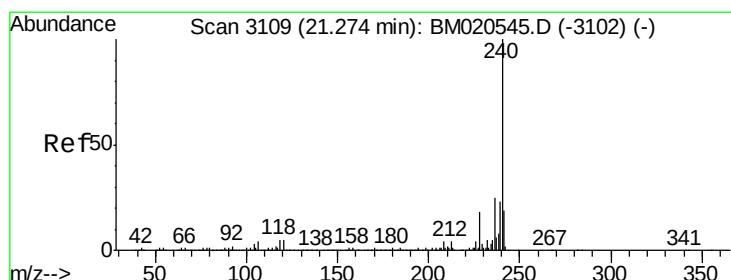
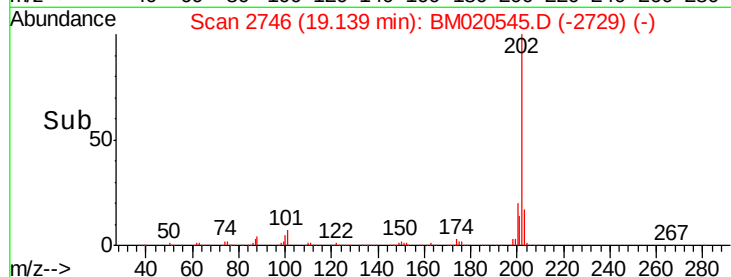
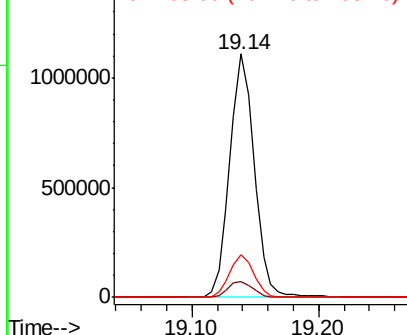
Tot Ion:	202	Resp:	1492606
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.7
203	17.4	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3109

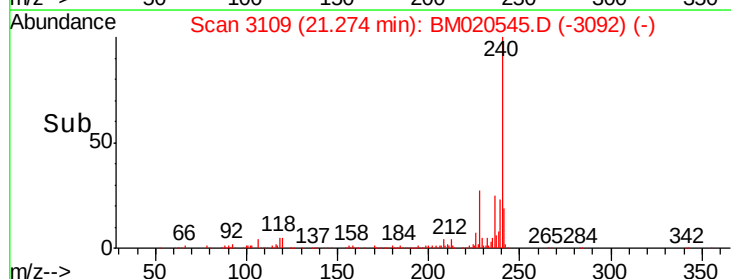
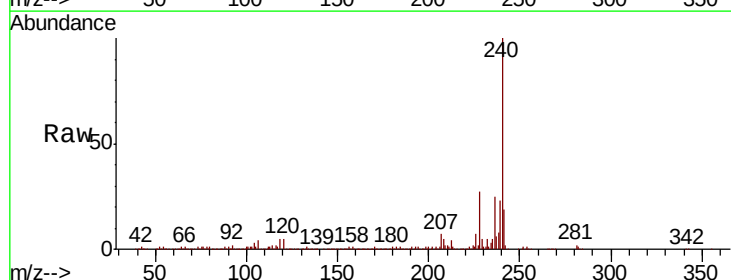
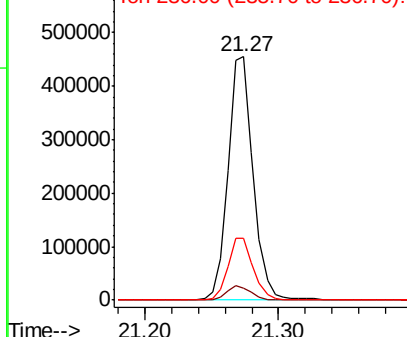
Delta R.T. 0.00 min

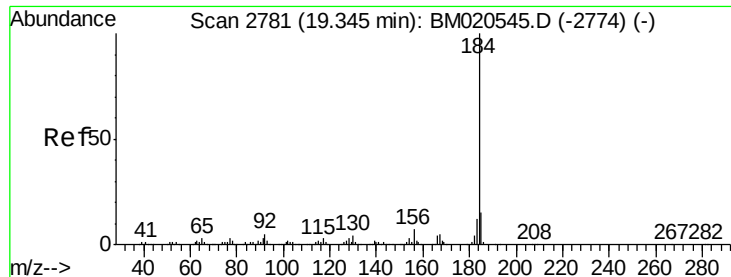
Lab File: BM020545.D

Acq: 24 May 2019 12:47

Tgt Ion:	240	Resp:	600469
Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.1	6.1
236	25.3	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: 25.817 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

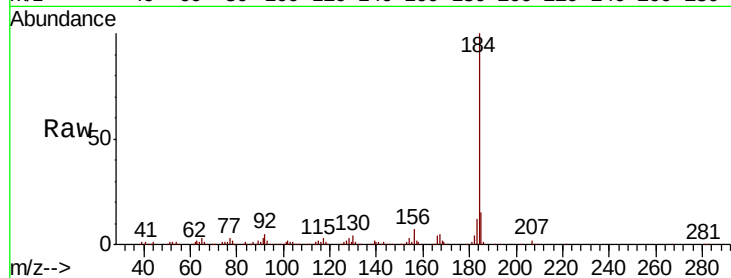
ClientSampleId :

SSTDICCC040

Tot Ion:	184	Resp:	495621
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.8
183	12.1	9.7	14.5

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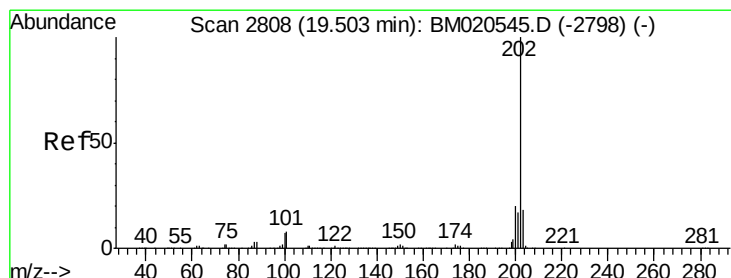
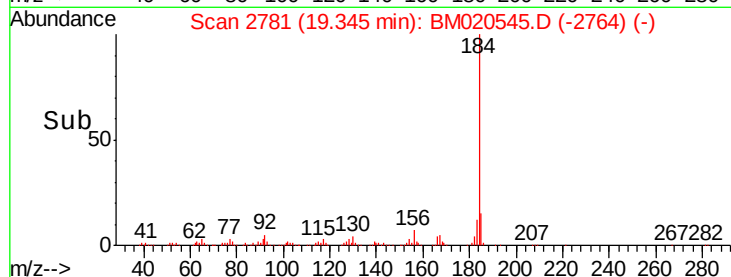
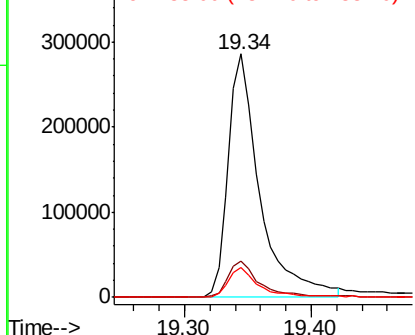


Abundance

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: 38.058 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

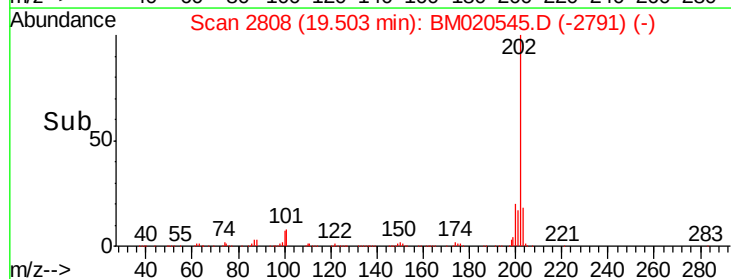
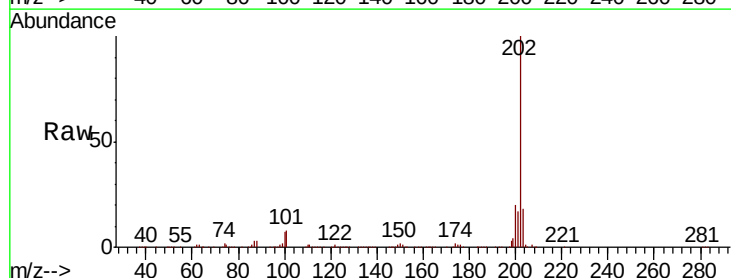
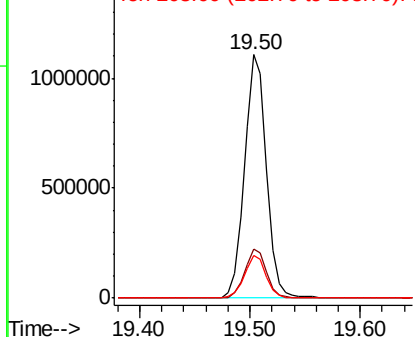
Tgt Ion:	202	Resp:	1534314
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.0	24.0
203	17.6	14.1	21.1

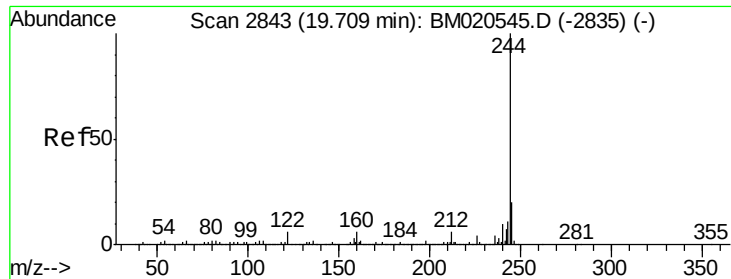
Abundance

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





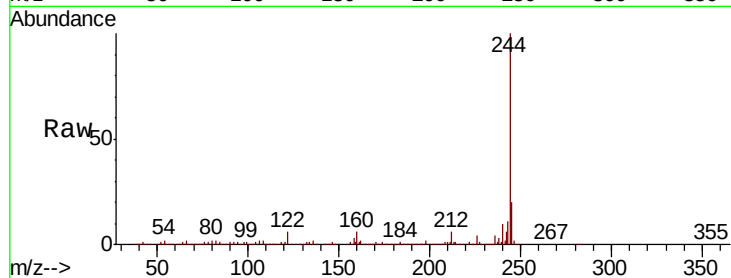
#79
 Terphenyl-d14
 Concen: 78.398 ng
 RT: 19.71 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.6
122	5.8	4.6	7.0

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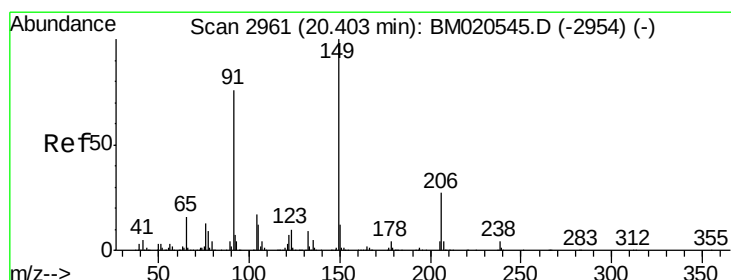
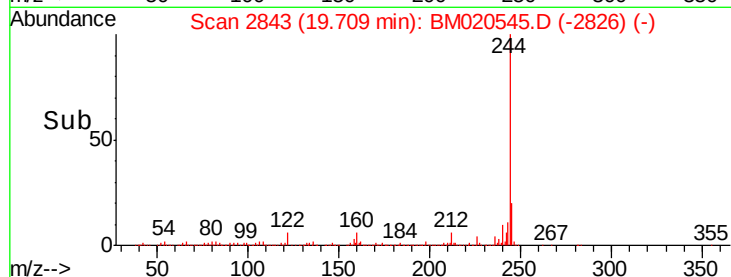
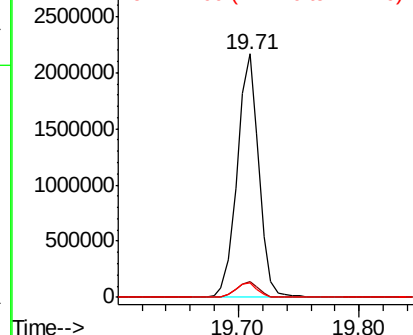


Abundance

Ion 244.00 (243.70 to 244.70): E

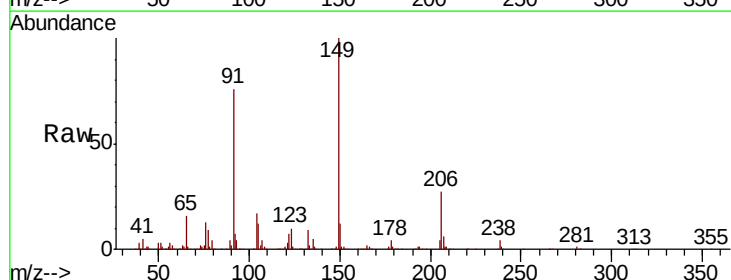
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 36.516 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.1	60.9	91.3
206	27.0	21.6	32.4

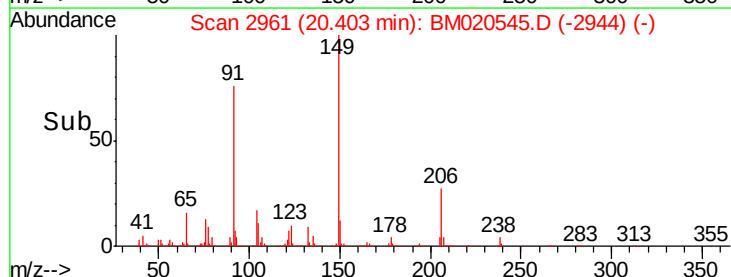
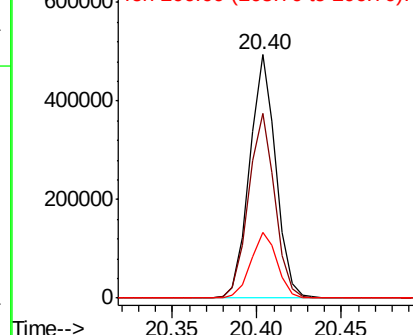


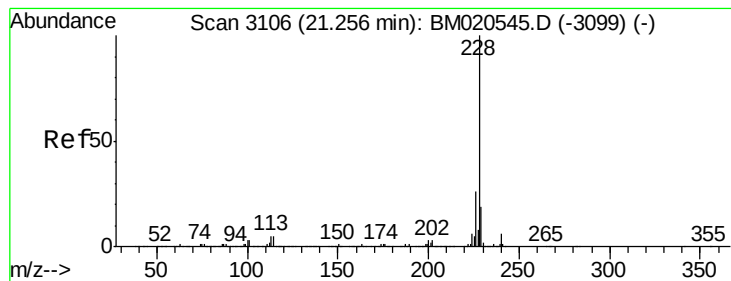
Abundance

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: 39.063 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1644965

Ion Ratio Lower Upper

228 100

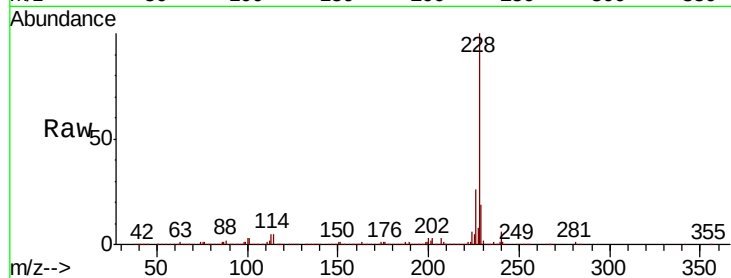
226 25.9 20.7 31.1

229 19.4 15.5 23.3

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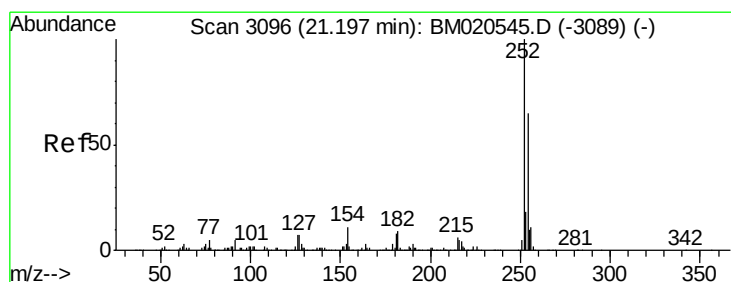
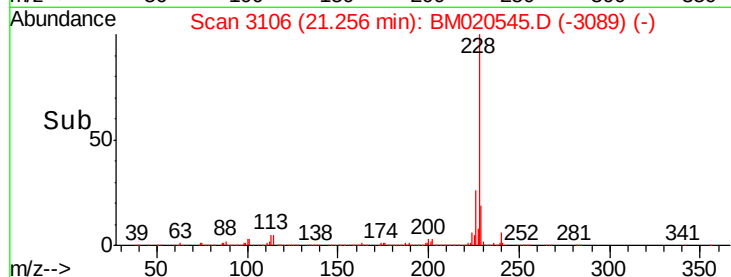
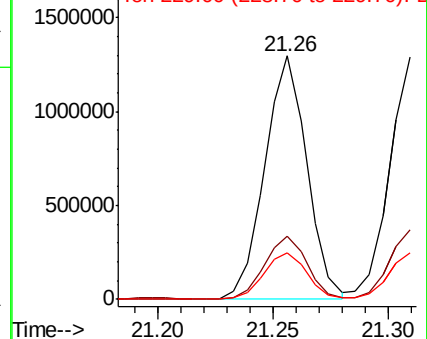


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 37.622 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

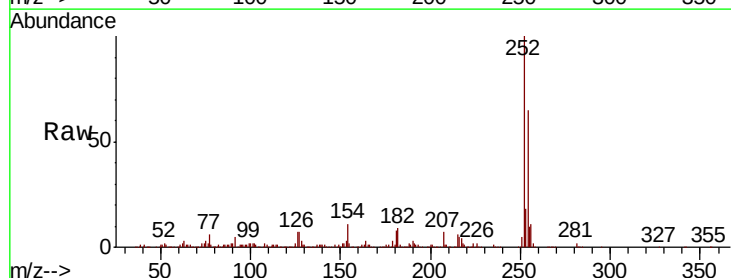
Tgt Ion:252 Resp: 604668

Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 6.5 5.2 7.8

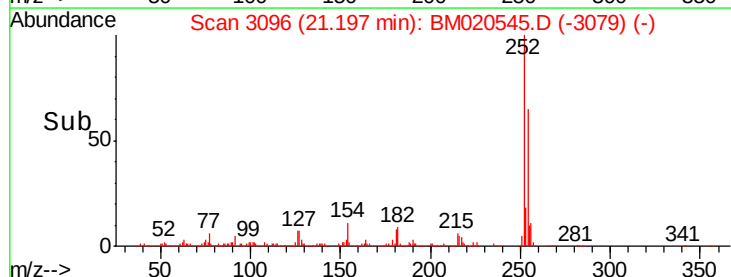
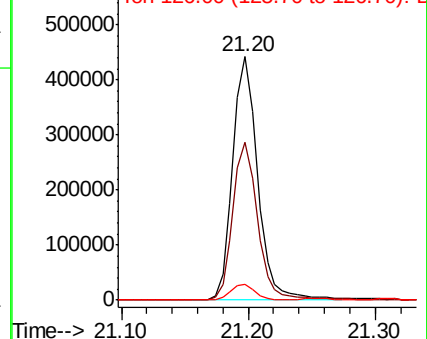


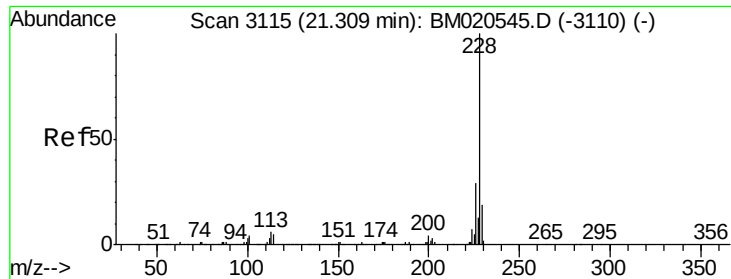
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





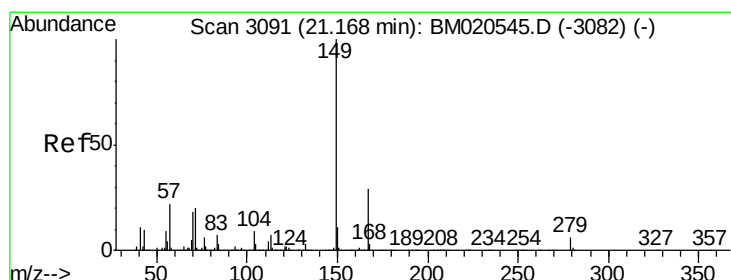
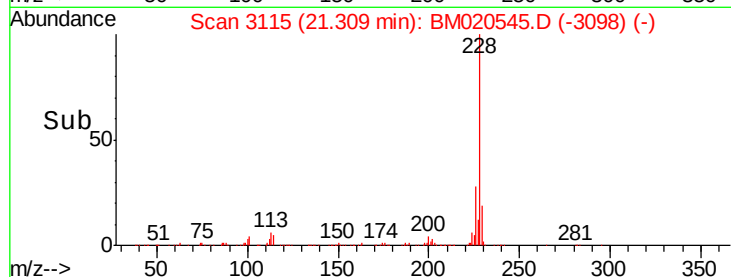
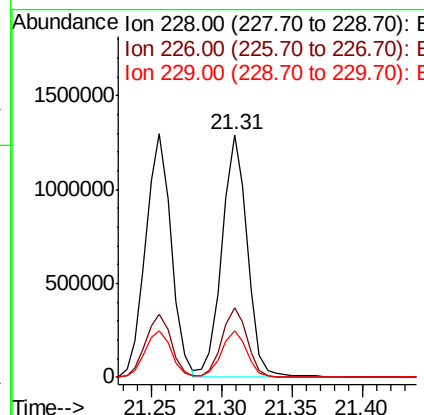
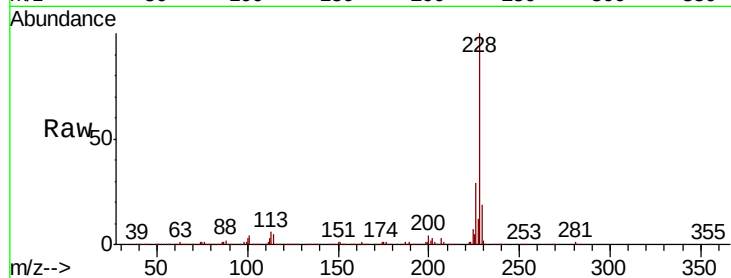
#83
 Chrysene
 Concen: 39.148 ng
 RT: 21.31 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.9	34.3
229	19.3	15.4	23.2

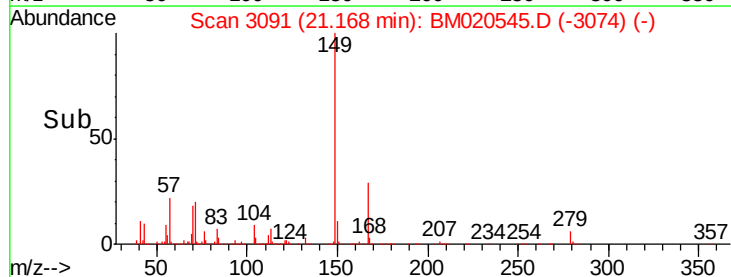
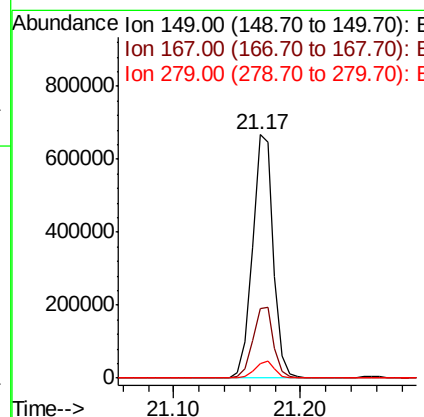
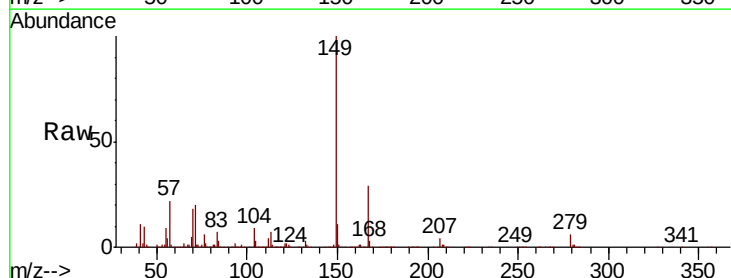
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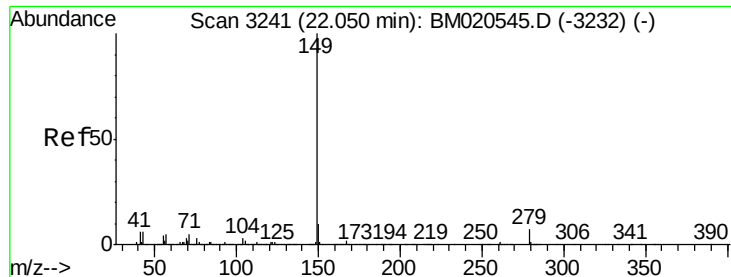
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.284 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BM020545.D
 Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	6.1	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 34.438 ng

RT: 22.05 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

ClientSampled :

SSTDICCC040

Tot Ion:149 Resp: 1302125

Ion Ratio Lower Upper

149 100

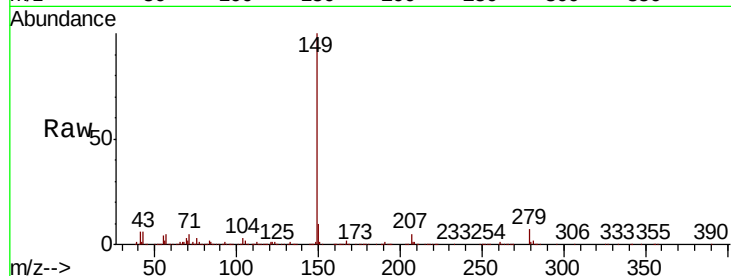
167 1.7 1.4 2.0

43 6.0 4.8 7.2

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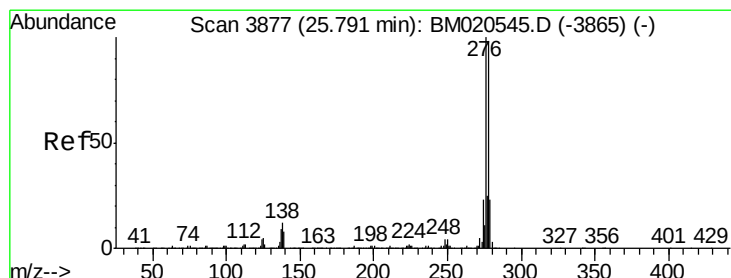
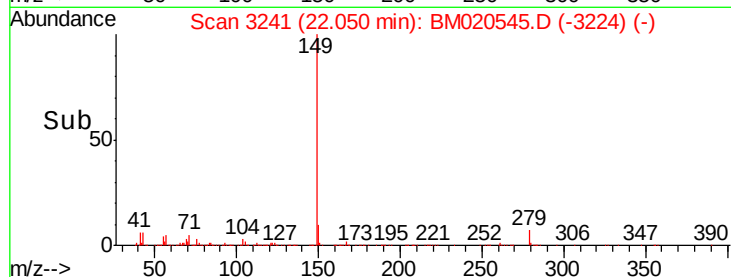
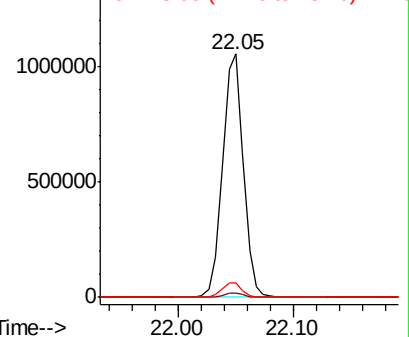
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.050 ng

RT: 25.79 min Scan# 3877

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

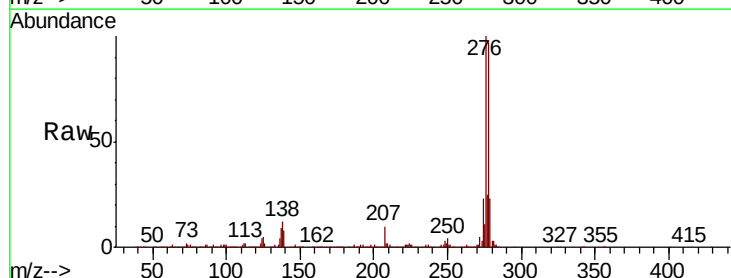
Tgt Ion:276 Resp: 1702667

Ion Ratio Lower Upper

276 100

138 12.1 9.7 14.5

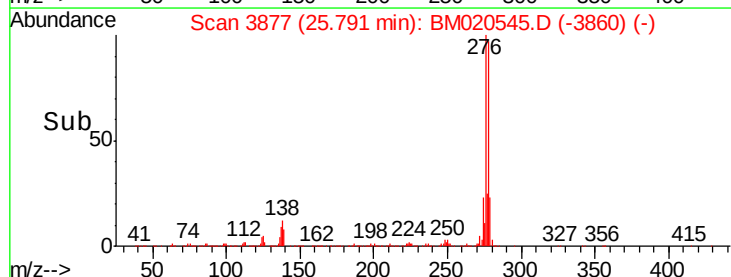
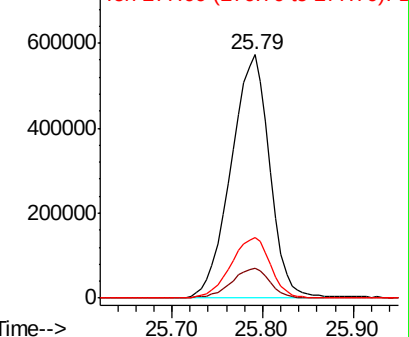
277 25.3 20.4 30.6

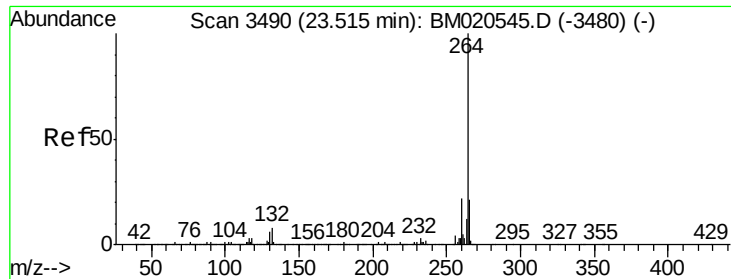


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3490

Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Instrument :

BNA_M

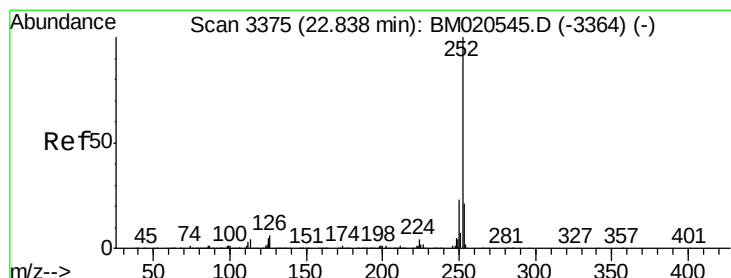
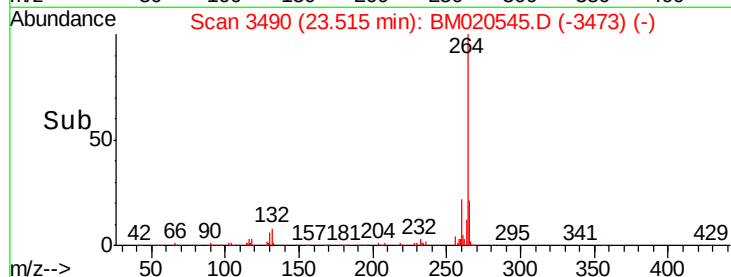
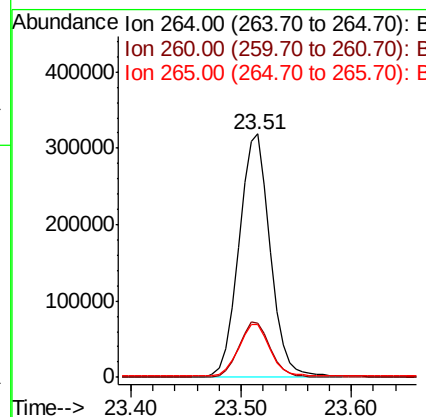
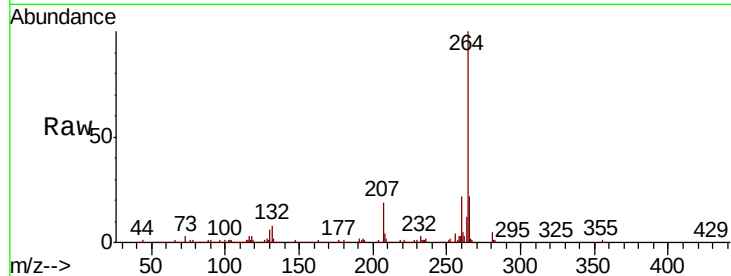
ClientSampleId :

SSTDICCC040

Tot Ion:	264	Resp:	634915
Ion Ratio		Lower	Upper
264	100		
260	22.1	17.7	26.5
265	21.8	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 38.632 ng

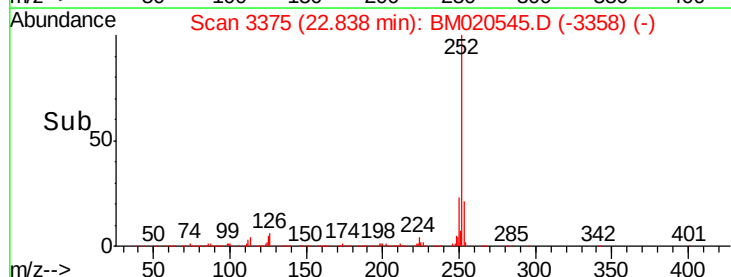
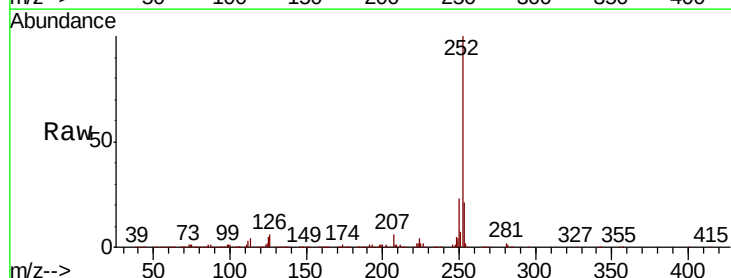
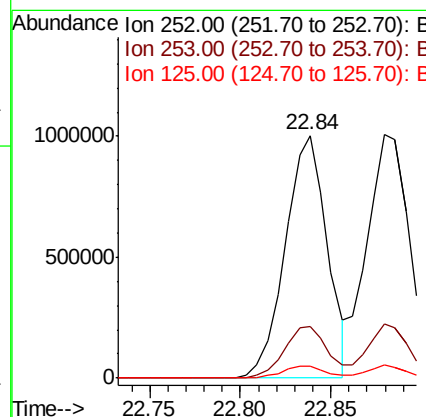
RT: 22.84 min Scan# 3375

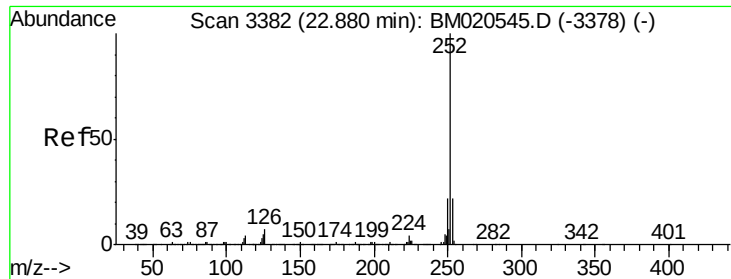
Delta R.T. 0.00 min

Lab File: BM020545.D

Acq: 24 May 2019 12:47

Tgt Ion:	252	Resp:	1619694
Ion Ratio		Lower	Upper
252	100		
253	21.4	17.1	25.7
125	4.8	3.8	5.8





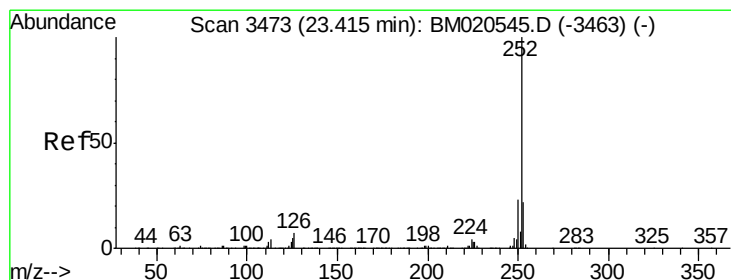
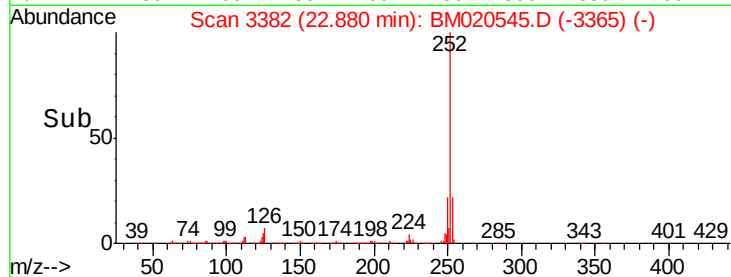
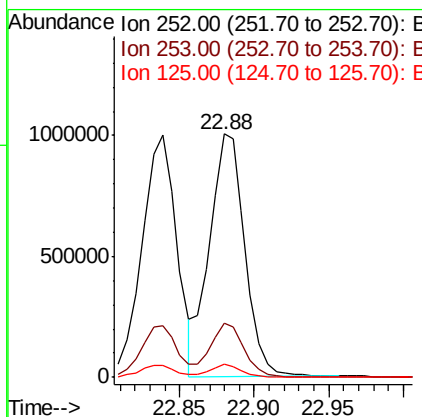
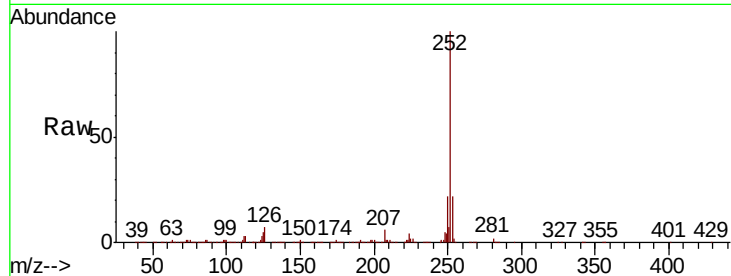
#89
Benzo(k)fluoranthene
Concen: 43.216 ng
RT: 22.88 min Scan# 3382
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	5.3	4.2	6.4

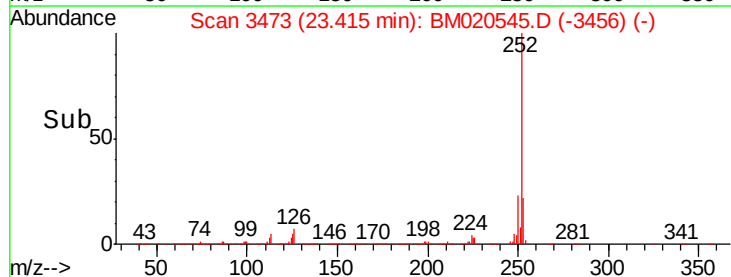
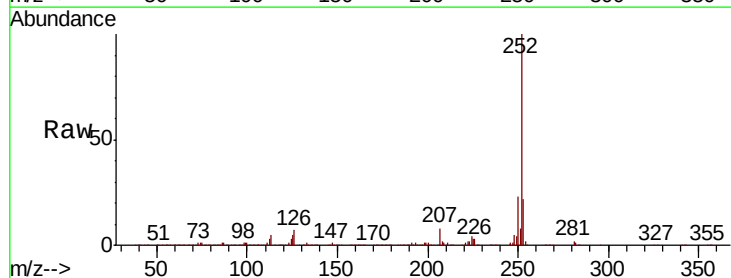
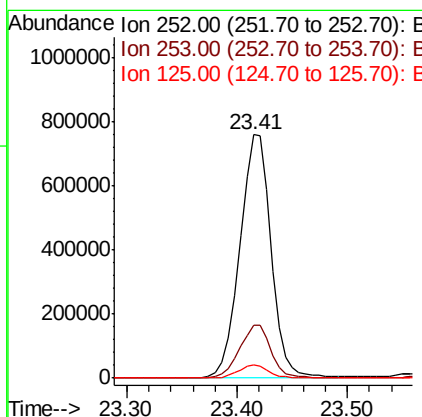
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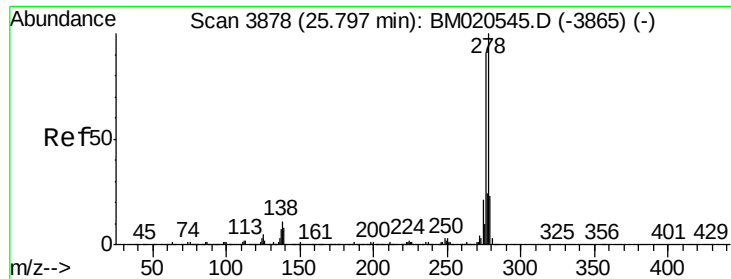
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#90
Benzo(a)pyrene
Concen: 39.583 ng
RT: 23.41 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	5.3	4.2	6.4





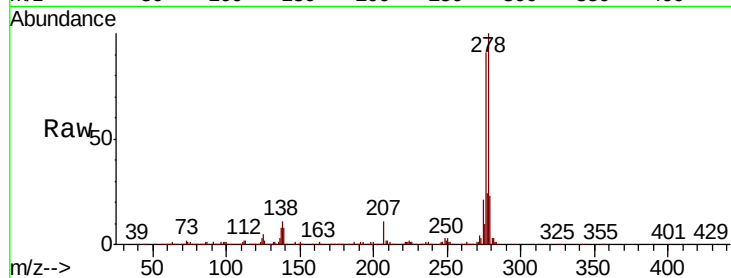
#91
Dibenzo(a,h)anthracene
Concen: 36.176 ng
RT: 25.80 min Scan# 3878
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.3	9.5
279	22.9	18.3	27.5

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:43 AM

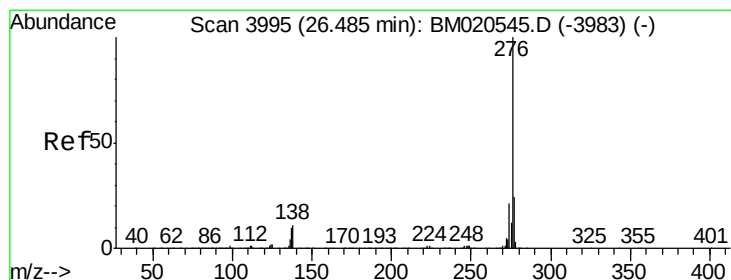
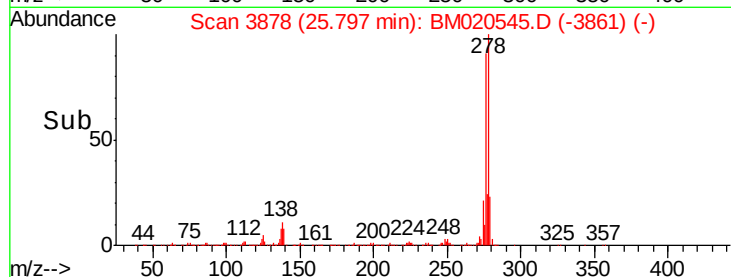
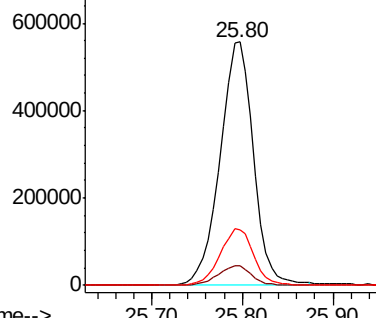


Abundance

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: 34.805 ng
RT: 26.49 min Scan# 3995
Delta R.T. 0.00 min
Lab File: BM020545.D
Acq: 24 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	10.7	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

