

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024681.D
 Acq On : 31 Jan 2020 18:35
 Operator : CG/JU
 Sample : PB126499BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126499BSD

Manual Integrations
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mohammad
 2/3/2020 4:11:12 PM

Quant Time: Feb 01 02:19:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	198869	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	728619	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	502520	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1167687	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1242395	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1418444	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	539165	51.56	ng	-0.01
7) Phenol-d6	6.62	99	402175	27.92	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1271225	85.56	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	893011	109.25	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3588212	97.07	ng	-0.02
79) Terphenyl-d14	19.49	244	7247426	108.90	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.06	88	82208	19.874 ng	93
3) Pyridine	3.44	79	170551	14.223 ng	92
4) n-Nitrosodimethylamine	3.35	42	94565	17.766 ng	83
6) Aniline	6.76	93	342359	19.523 ng	96
8) 2-Chlorophenol	7.00	128	568850	47.786 ng	91
9) Benzaldehyde	6.57	77	320961	37.708 ng	95
10) Phenol	6.65	94	222800	15.516 ng	93
11) bis(2-Chloroethyl)ether	6.87	93	528426	45.968 ng	93
12) 1,3-Dichlorobenzene	7.32	146	669108	45.753 ng	96
13) 1,4-Dichlorobenzene	7.46	146	678795	45.753 ng	98
14) 1,2-Dichlorobenzene	7.77	146	655438	45.768 ng	98
15) Benzyl Alcohol	7.67	79	347039	29.219 ng	92
16) 2,2'-oxybis(1-Chloropropan	7.96	45	384748	36.560 ng	97
17) 2-Methylphenol	7.88	107	377537	37.309 ng	95
18) Hexachloroethane	8.49	117	230441	40.223 ng	88
19) n-Nitroso-di-n-propylamine	8.23	70	418963	38.736 ng	95
20) 3+4-Methylphenols	8.20	107	448873	32.045 ng	97
22) Acetophenone	8.24	105	875704	46.610 ng	96
24) Nitrobenzene	8.60	77	641737	45.074 ng	94
25) Isophorone	9.13	82	1151498	45.614 ng	97
26) 2-Nitrophenol	9.31	139	363478	55.134 ng	90
27) 2,4-Dimethylphenol	9.39	122	524098	58.501 ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	711925	46.165 ng	99
29) 2,4-Dichlorophenol	9.85	162	673587	55.652 ng	97
30) 1,2,4-Trichlorobenzene	10.06	180	724796	49.652 ng	99
31) Naphthalene	10.23	128	1824167	49.569 ng	100
32) Benzoic acid	9.50	122	122088m	14.898 ng	
33) 4-Chloroaniline	10.35	127	294956	18.285 ng	95
34) Hexachlorobutadiene	10.53	225	474237	46.996 ng	99
35) Caprolactam	11.14	113	30243m	7.788 ng	
36) 4-Chloro-3-methylphenol	11.49	107	597032	46.389 ng	92
37) 2-Methylnaphthalene	11.86	142	1422667	50.094 ng	98
38) 1-Methylnaphthalene	12.08	142	1354193	50.128 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	885286	49.361 ng	99

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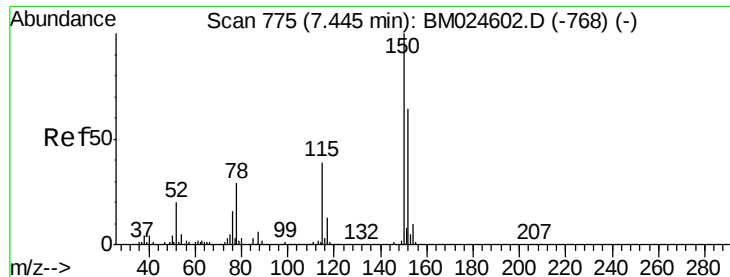
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	1029804	102.439	nq	98
43) 2,4,6-Trichlorophenol	12.49	196	620640	54.380	nq	98
44) 2,4,5-Trichlorophenol	12.56	196	660462	56.664	nq	95
46) 1,1'-Biphenyl	12.90	154	1895503	49.843	nq	99
47) 2-Chloronaphthalene	12.93	162	1518854	49.472	nq	97
48) 2-Nitroaniline	13.15	65	373882	39.929	nq	86
49) Acenaphthylene	13.79	152	2413882	52.521	nq	100
50) Dimethylphthalate	13.55	163	2025398	49.844	nq	99
51) 2,6-Dinitrotoluene	13.66	165	452633	52.392	nq	86
52) Acenaphthene	14.14	154	1436197	50.358	nq	99
53) 3-Nitroaniline	13.99	138	191772	21.402	nq	91
54) 2,4-Dinitrophenol	14.20	184	608068	117.700	nq	# 87
55) Dibenzofuran	14.48	168	2419095	52.010	nq	96
56) 4-Nitrophenol	14.32	139	313990	44.828	nq	85
57) 2,4-Dinitrotoluene	14.46	165	641640	51.822	nq	# 86
58) Fluorene	15.13	166	1958403	50.103	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	652075	55.166	nq	94
60) Diethylphthalate	14.94	149	1983337	48.077	nq	98
61) 4-Chlorophenyl-phenylether	15.14	204	1112570	49.371	nq	99
62) 4-Nitroaniline	15.16	138	419748	42.439	nq	90
63) Azobenzene	15.43	77	1509068	42.885	nq	94
65) 4,6-Dinitro-2-methylphenol	15.23	198	431304	62.820	nq	85
66) n-Nitrosodiphenylamine	15.36	169	1771134	52.804	nq	99
67) 4-Bromophenyl-phenylether	16.03	248	747053	51.446	nq	98
68) Hexachlorobenzene	16.14	284	875793	52.557	nq	97
69) Atrazine	16.33	200	733473	56.969	nq	99
70) Pentachlorophenol	16.49	266	1155021	113.793	nq	99
71) Phenanthrene	16.87	178	3273691	51.773	nq	99
72) Anthracene	16.96	178	3346412	54.087	nq	100
73) Carbazole	17.24	167	2996832	53.207	nq	99
74) Di-n-butylphthalate	17.83	149	3496774	48.563	nq	99
75) Fluoranthene	18.90	202	4226849	53.558	nq	99
77) Benzidine	19.10	184	1349236	46.632	nq	99
78) Pyrene	19.26	202	4319670	52.741	nq	100
80) Butylbenzylphthalate	20.20	149	1646296	47.902	nq	93
81) Benzo(a)anthracene	21.03	228	4412181	51.168	nq	99
82) 3,3'-Dichlorobenzidine	20.97	252	1334017	43.007	nq	100
83) Chrysene	21.08	228	4280093	52.018	nq	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2410111	47.527	nq	98
85) Di-n-octyl phthalate	21.85	149	4165675	49.722	nq	# 96
86) Indeno(1,2,3-cd)pyrene	25.22	276	5301163	59.112	nq	99
88) Benzo(b)fluoranthene	22.53	252	4808119	52.264	nq	99
89) Benzo(k)fluoranthene	22.57	252	4422152	49.246	nq	99
90) Benzo(a)pyrene	23.06	252	4186691	50.055	nq	99
91) Dibenzo(a,h)anthracene	25.23	278	4517610	56.906	nq	98
92) Benzo(g,h,i)perylene	25.85	276	4468293	61.987	nq	98

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



#1

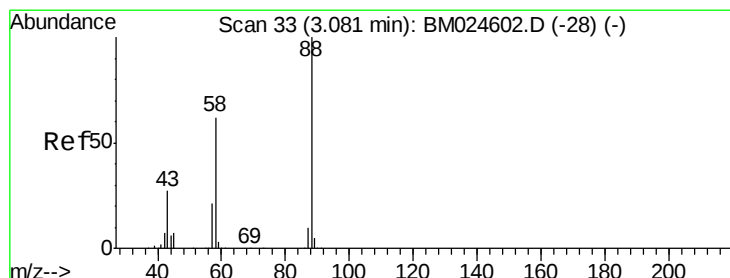
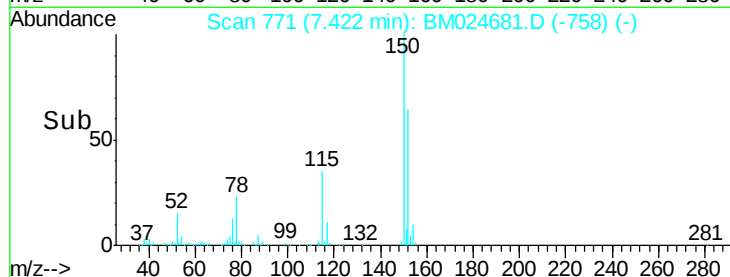
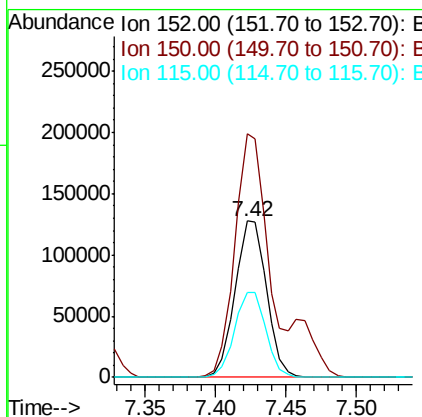
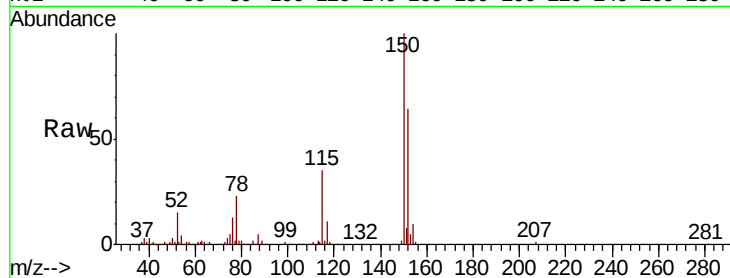
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.4
115	54.3	48.6	72.8

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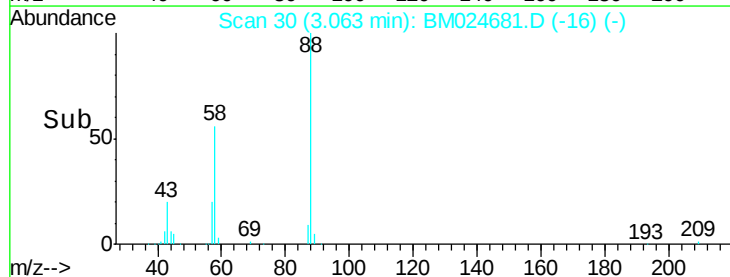
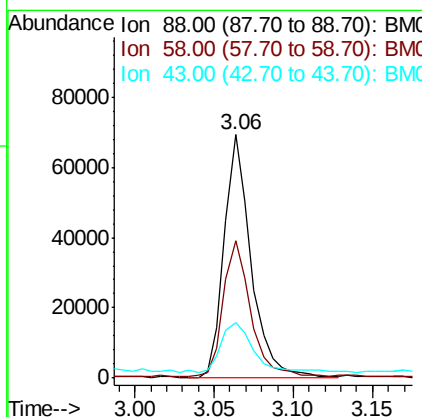
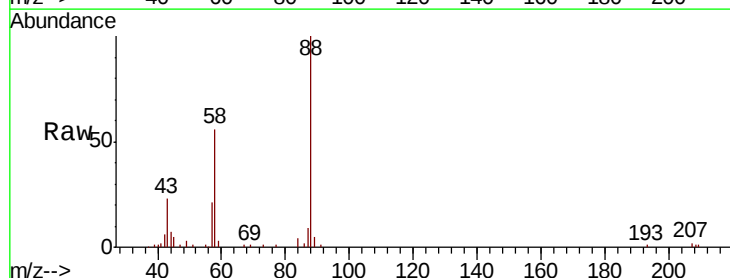
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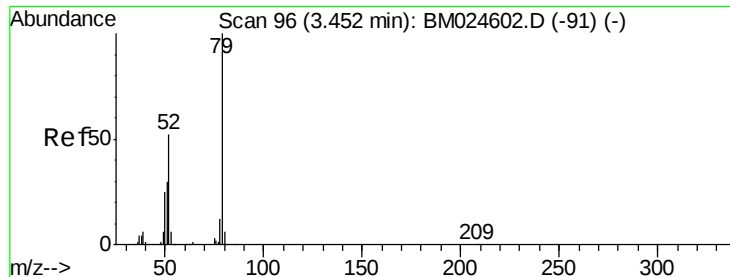


#2

1,4-Dioxane
Concen: 19.874 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.3	50.0	75.0
43	24.2	21.6	32.4





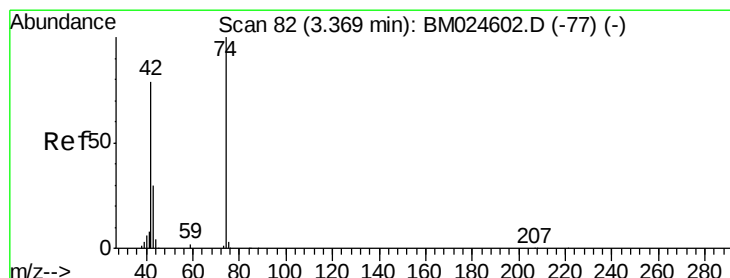
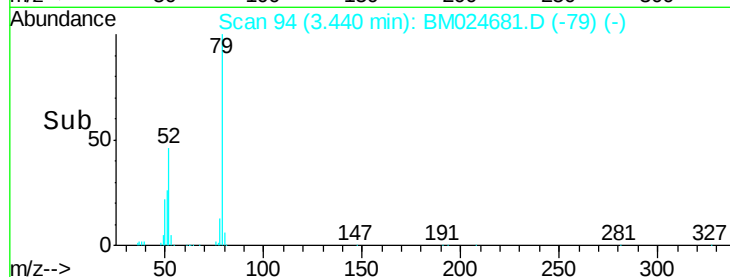
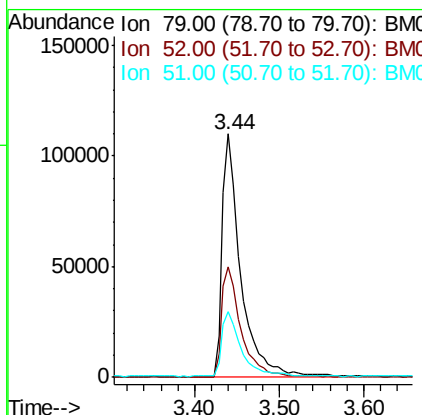
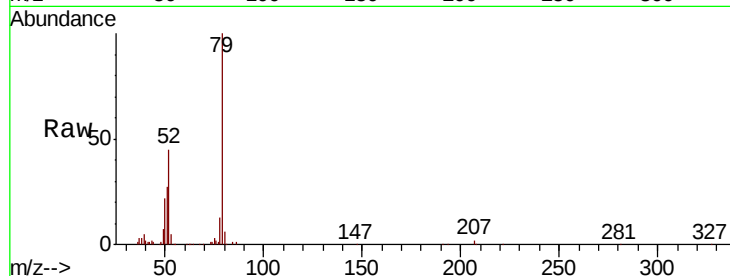
#3
 Pvridine
 Concen: 14.223 ng
 RT: 3.44 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB126499BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	170551		
52	45.4		41.4	62.2
51	27.1		23.8	35.8

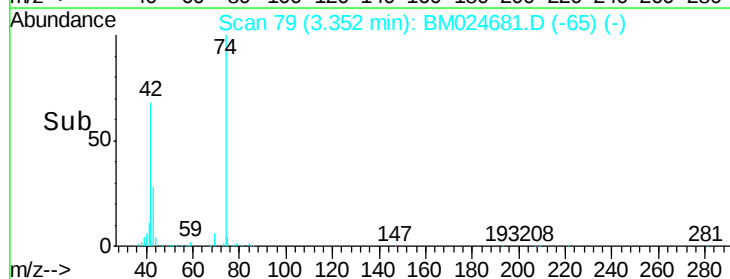
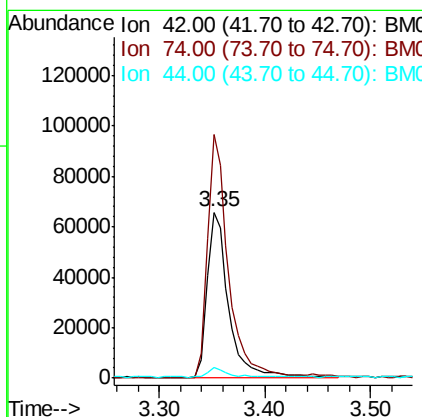
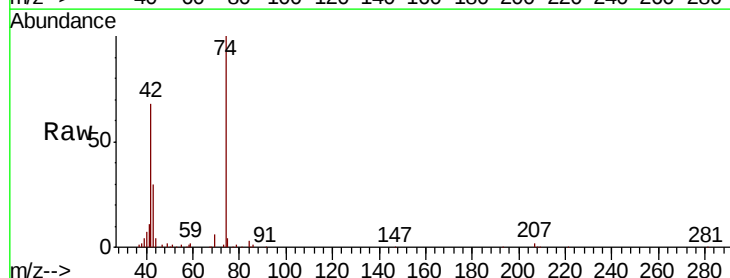
Manual Integrations
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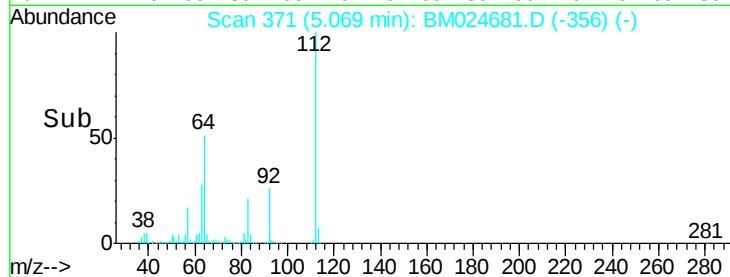
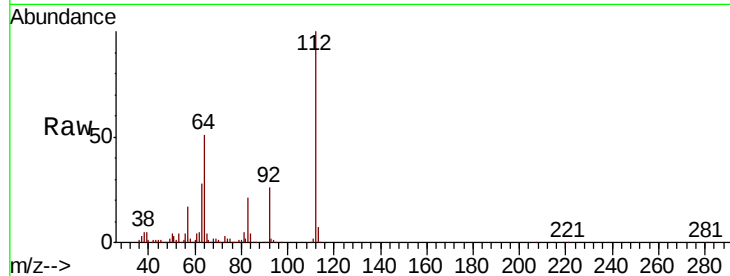
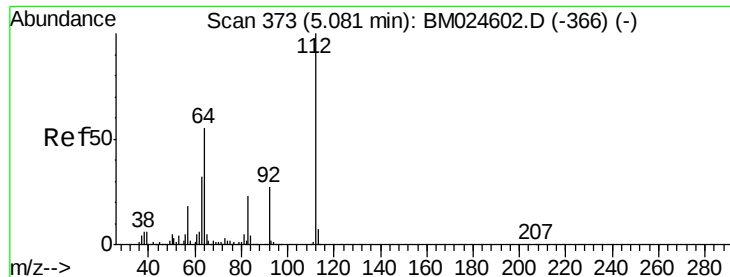
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#4
 n-Nitrosodimethylamine
 Concen: 17.766 ng
 RT: 3.35 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	94565		
74	146.7		101.4	152.2
44	6.1		4.6	6.8





#5

2-Fluorophenol

Concen: 51.560 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tot Ion:	112	Resp:	539165
Ion Ratio	Lower	Upper	
112	100		
64	50.7	44.2	66.4
63	28.1	25.9	38.9

Instrument :

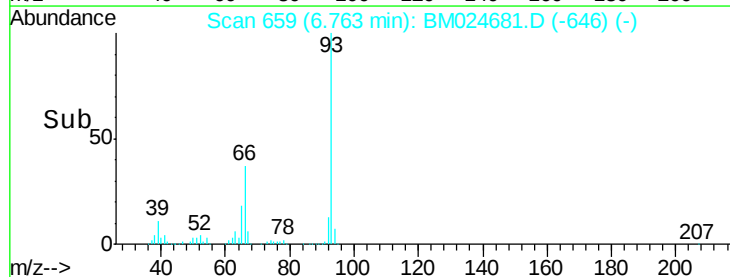
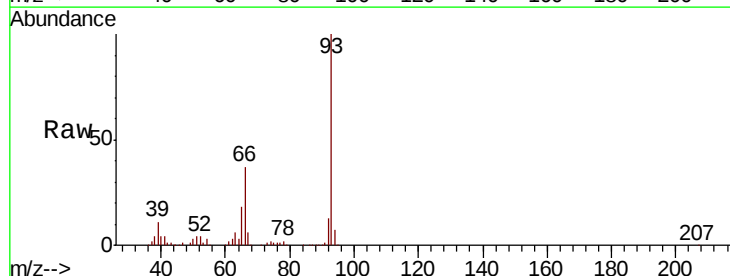
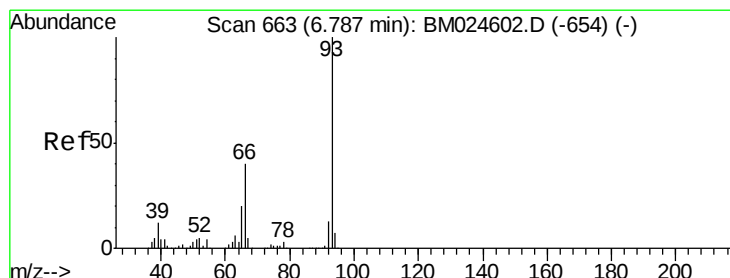
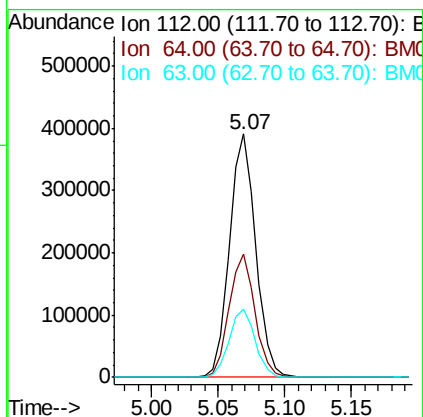
BNA_M

ClientSampled :

PB126499BSD

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#6

Aniline

Concen: 19.523 ng

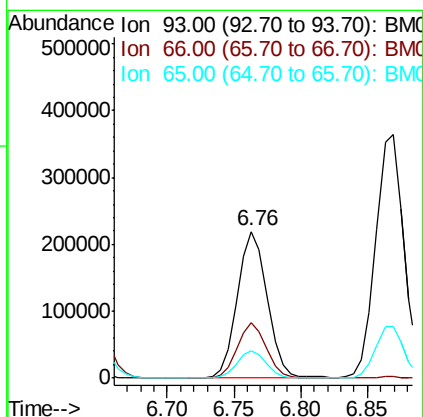
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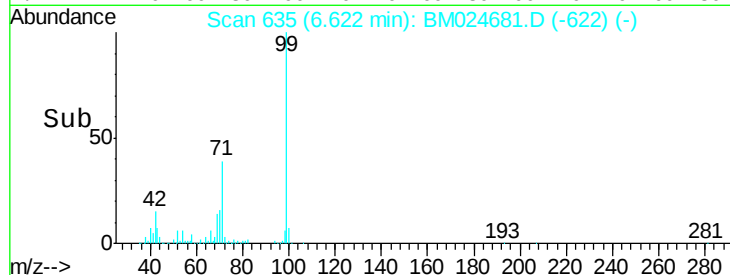
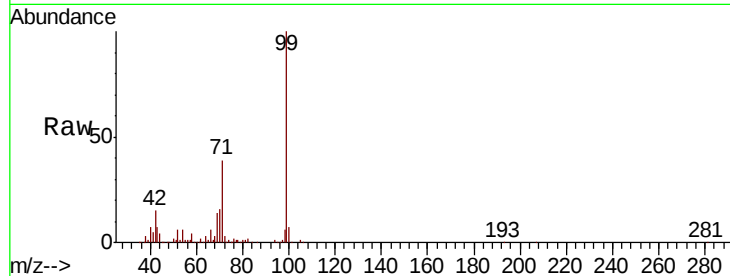
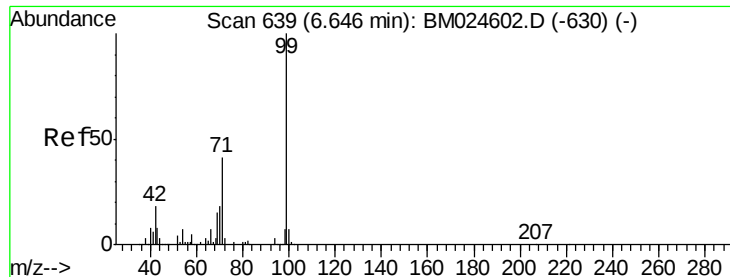
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:	93	Resp:	342359
Ion Ratio	Lower	Upper	
93	100		
66	37.4	31.8	47.8
65	18.3	15.8	23.6





#7

Phenol-d6

Concen: 27.918 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		402175		
42	14.6	14.1	21.1		
71	38.8	33.0	49.6		

Instrument :

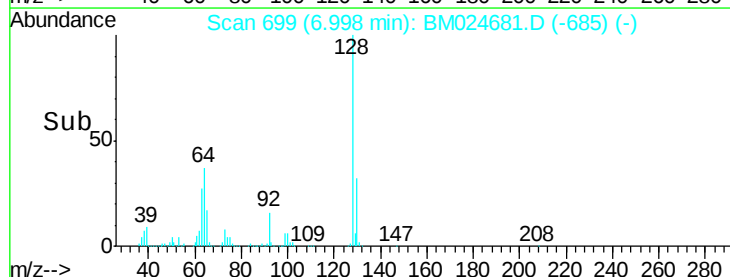
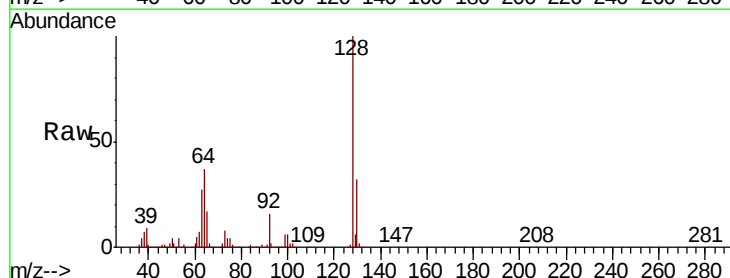
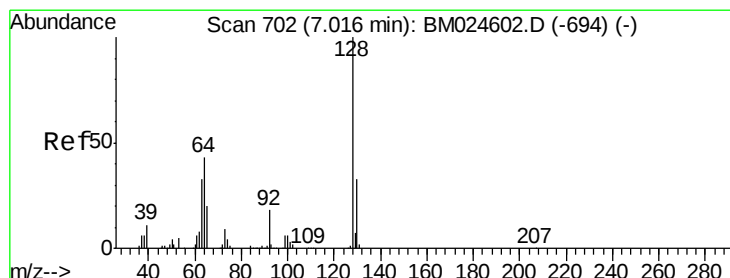
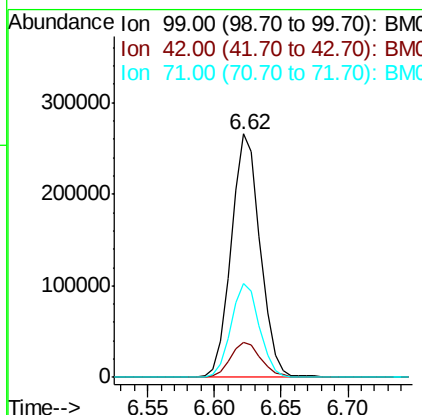
BNA_M

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#8

2-Chlorophenol

Concen: 47.786 ng

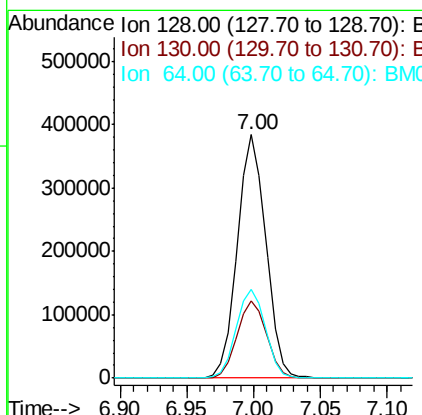
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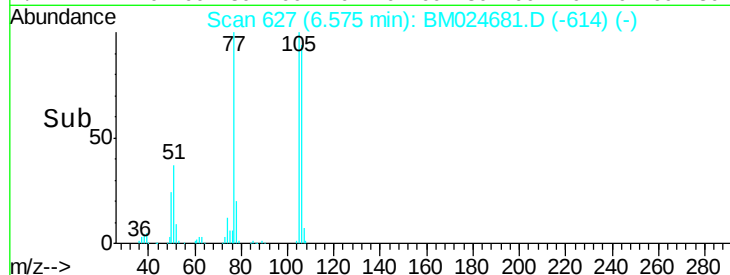
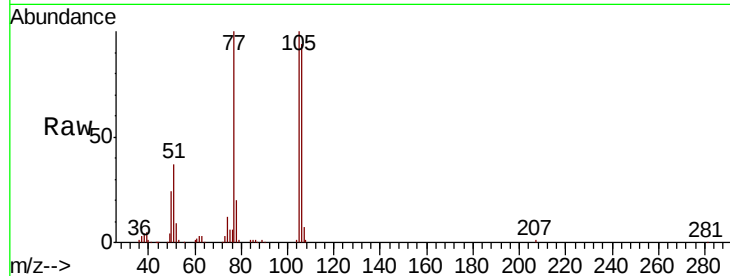
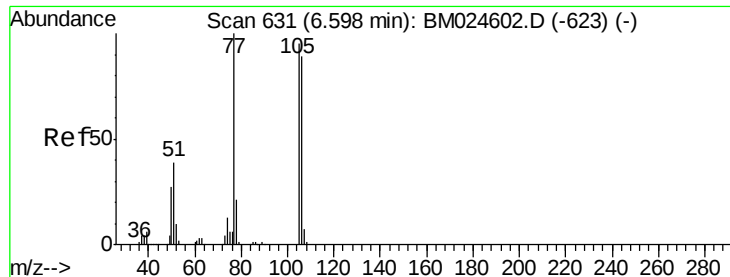
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		568850		
130	31.9	12.5	52.5		
64	36.7	26.1	66.1		





#9

Benzaldehyde

Concen: 37.708 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tot Ion:	77	Resp:	320961
Ion Ratio	Lower	Upper	
77	100		
105	99.8	75.2	115.2
106	94.3	68.6	108.6

Instrument :

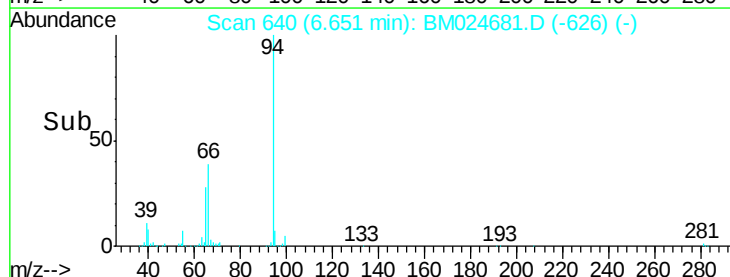
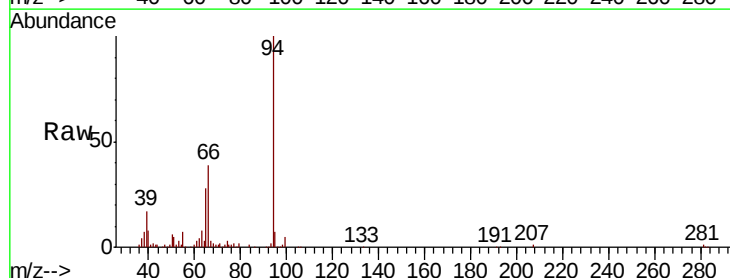
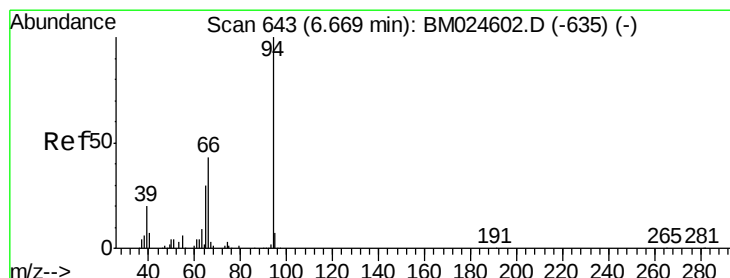
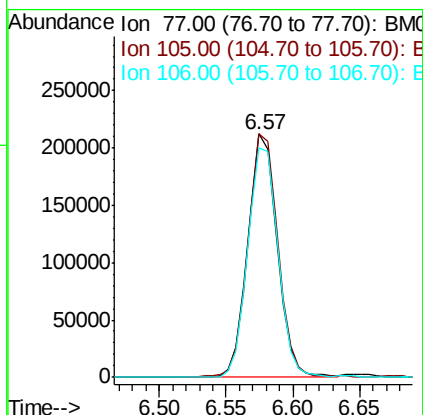
BNA_M

ClientSampleId :

PB126499BSD

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#10

Phenol

Concen: 15.516 ng

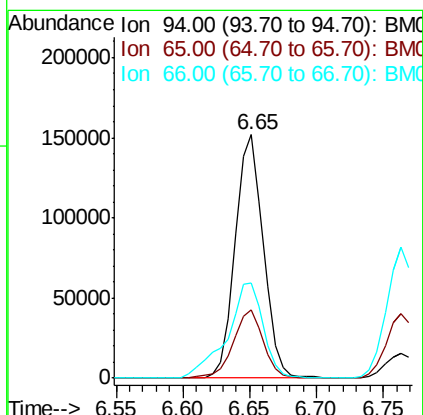
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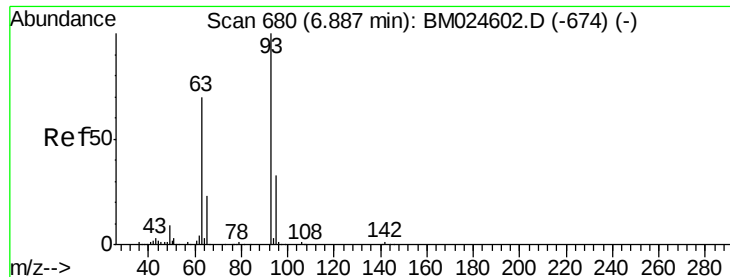
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:	94	Resp:	222800
Ion Ratio	Lower	Upper	
94	100		
65	28.2	10.3	50.3
66	38.8	24.8	64.8





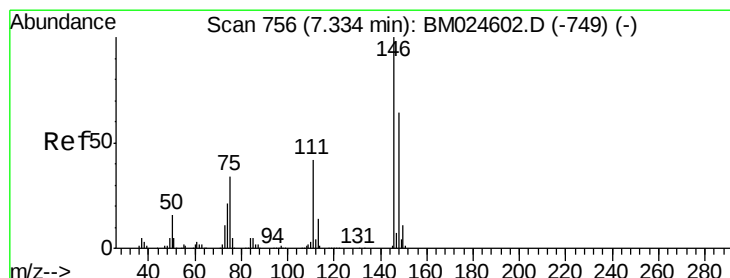
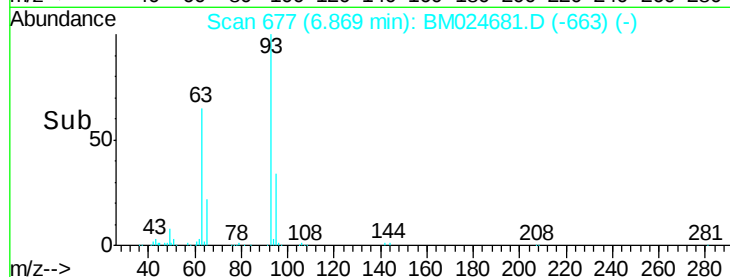
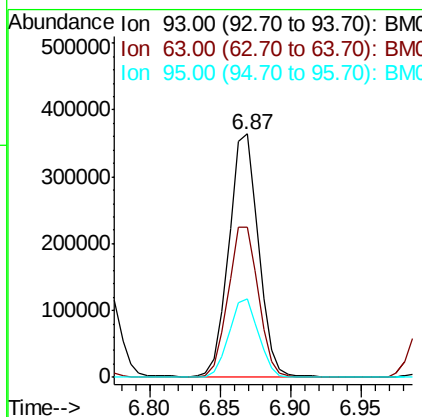
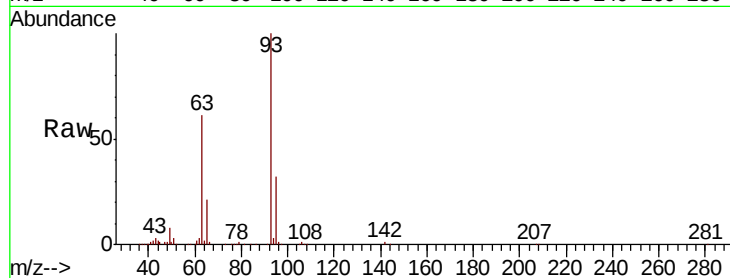
#11
bis(2-Chloroethyl)ether
Concen: 45.968 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	61.4	49.6	89.6	
95	32.5	12.6	52.6	

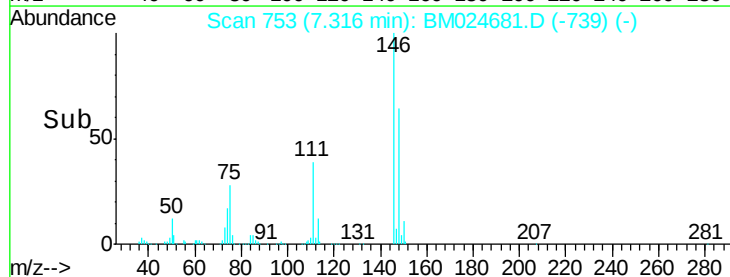
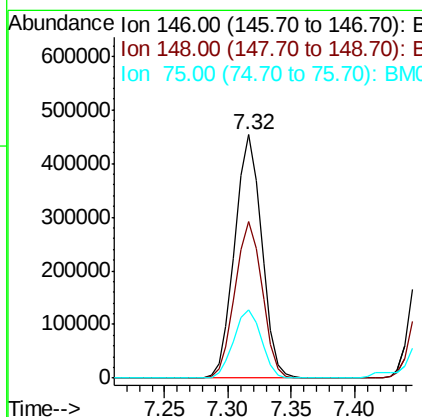
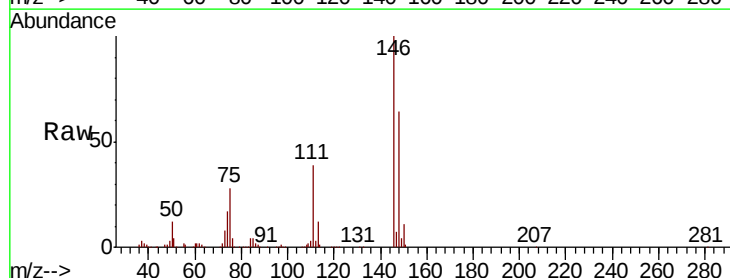
Manual Integrations
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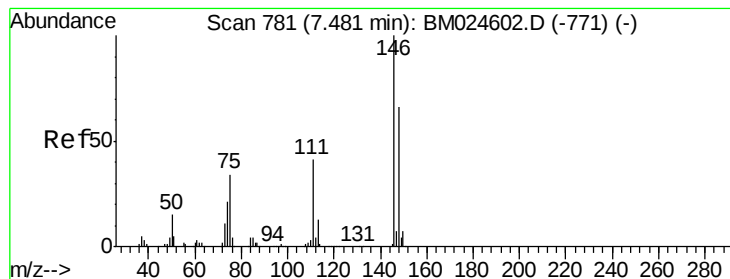
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.753 ng
RT: 7.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.3	51.0	76.6	
75	28.1	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 45.753 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

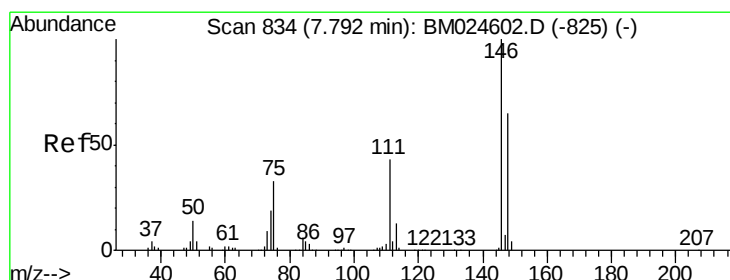
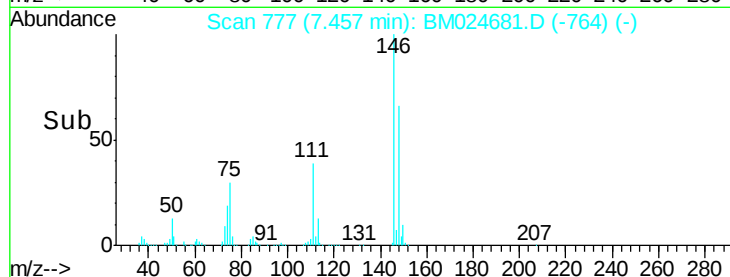
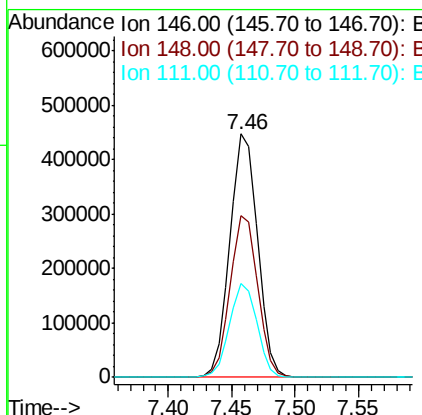
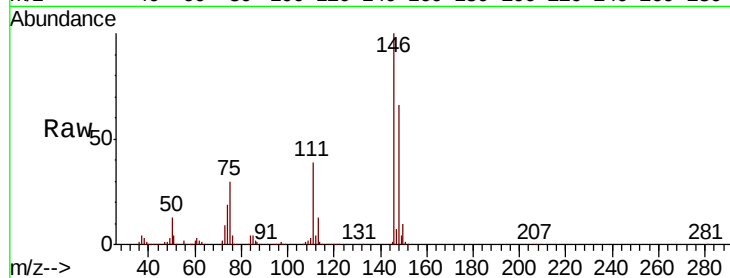
ClientSampleId :

PB126499BSD

Tot Ion:	146	Resp:	678795
Ion Ratio	Lower	Upper	
146	100		
148	66.2	52.5	78.7
111	38.6	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 45.768 ng

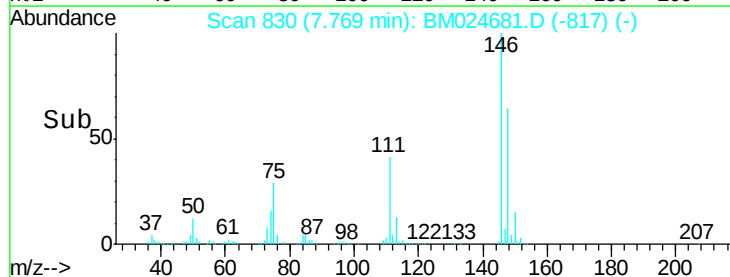
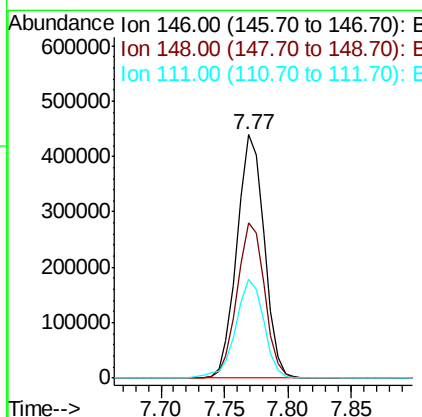
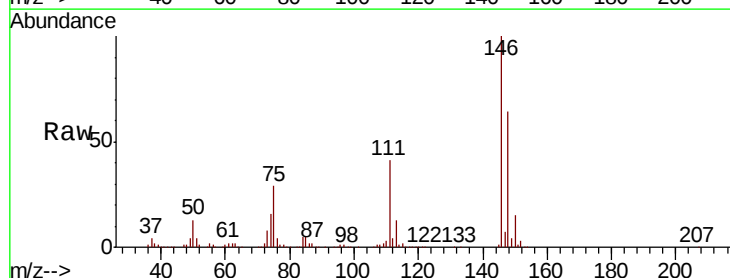
RT: 7.77 min Scan# 830

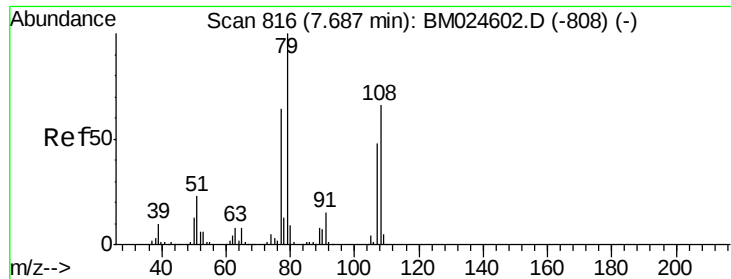
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:	146	Resp:	655438
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
111	40.5	34.5	51.7





#15

Benzyl Alcohol

Concen: 29.219 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

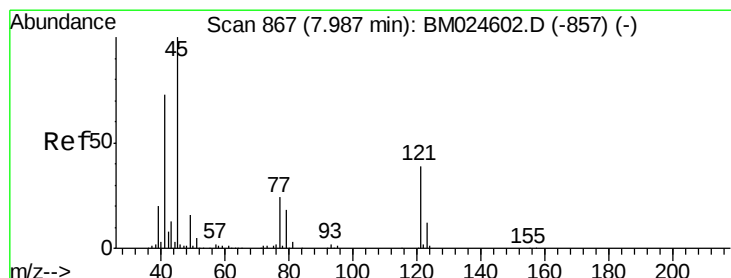
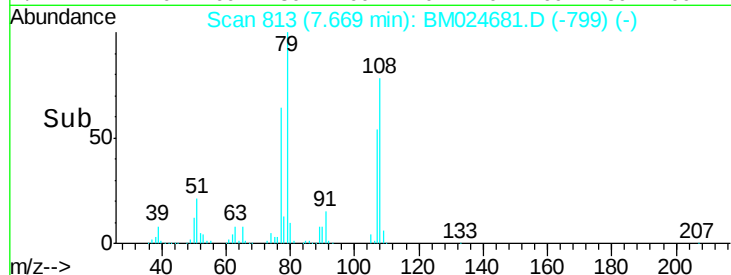
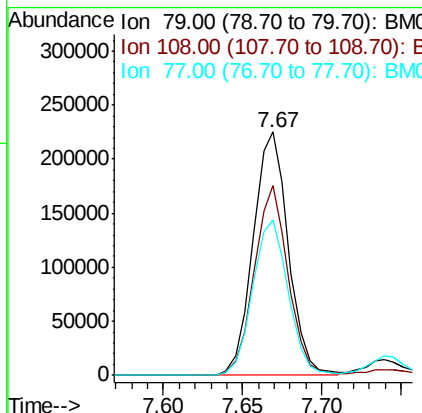
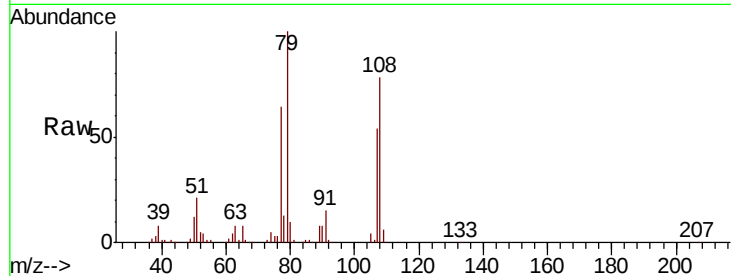
ClientSampleId :

PB126499BSD

Tot Ion:	79	Resp:	347039
Ion Ratio	Lower	Upper	
79	100		
108	77.7	53.0	79.4
77	63.8	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.560 ng

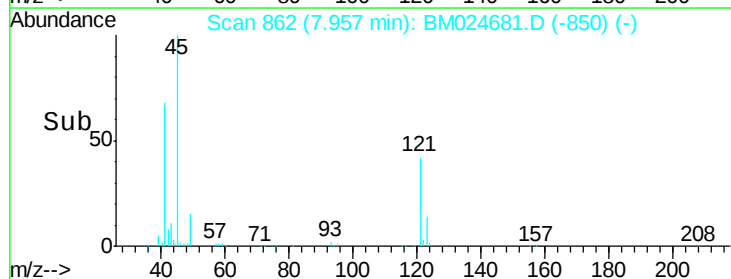
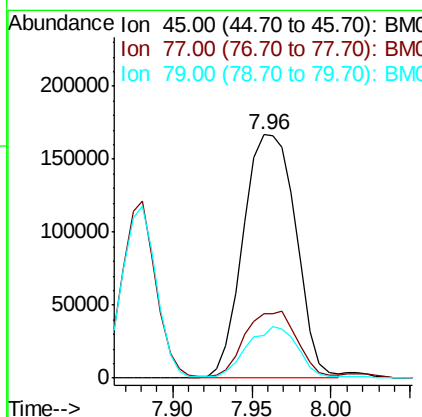
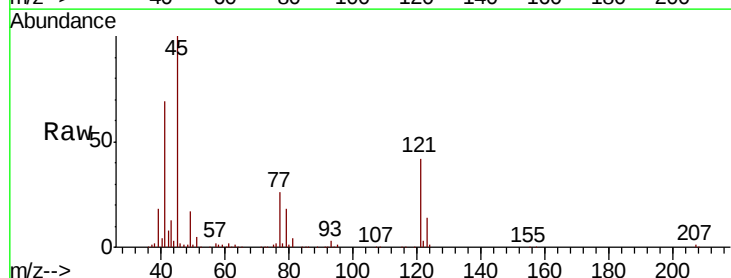
RT: 7.96 min Scan# 862

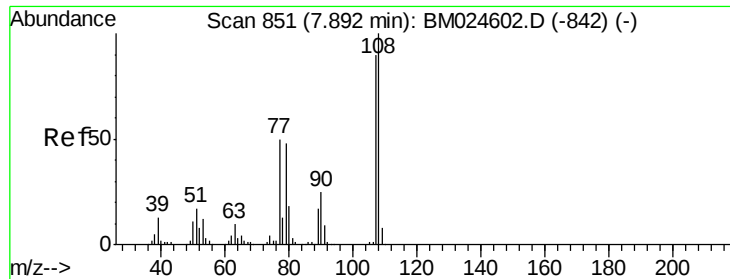
Delta R.T. -0.03 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:	45	Resp:	384748
Ion Ratio	Lower	Upper	
45	100		
77	26.3	5.2	45.2
79	17.5	0.0	39.4





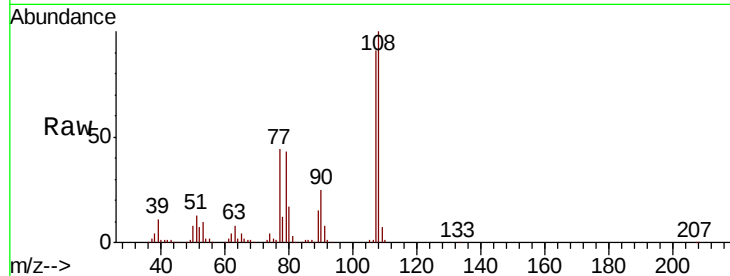
#17
2-Methylphenol
Concen: 37.309 ng
RT: 7.88 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	377537		
108	110.2	88.9	133.3	
77	48.5	44.5	66.7	
79	47.3	42.9	64.3	

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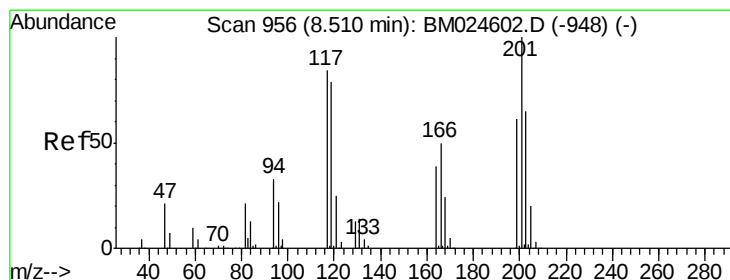
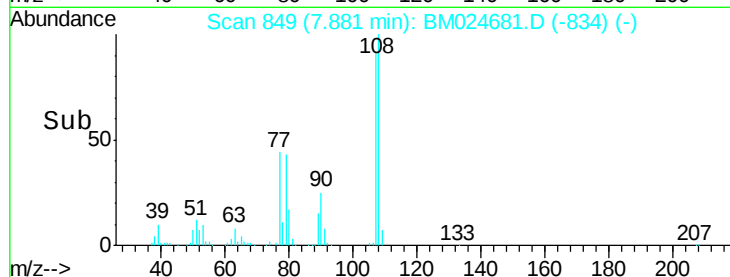
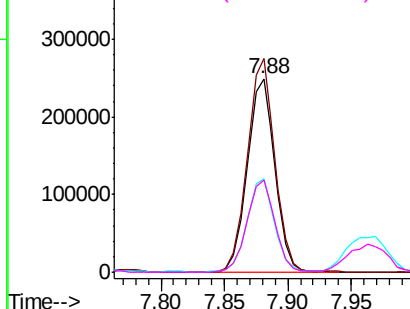
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 40.223 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

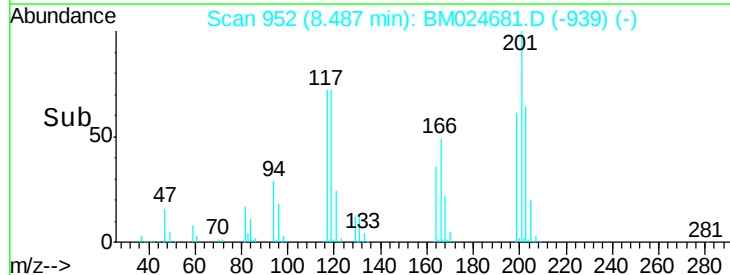
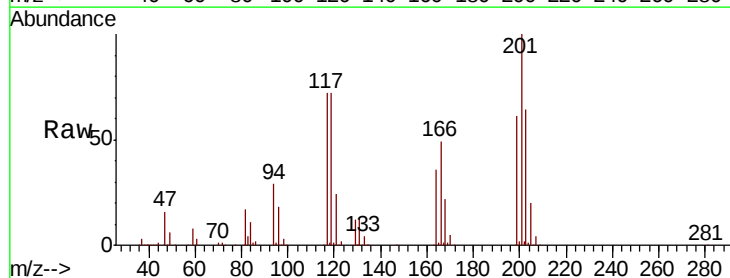
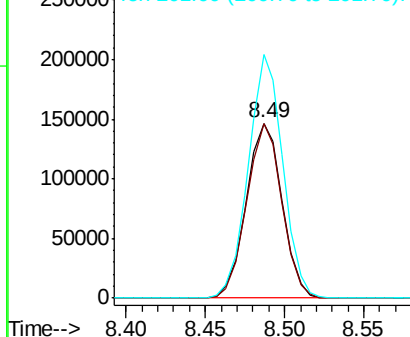
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	230441		
119	100.0	75.4	113.2	
201	139.1	95.8	143.6	

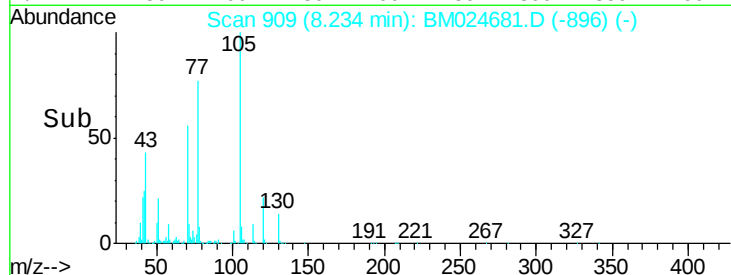
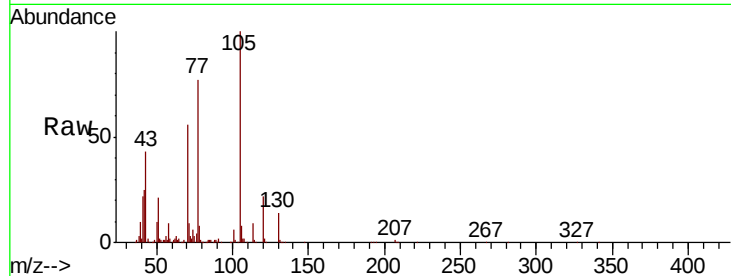
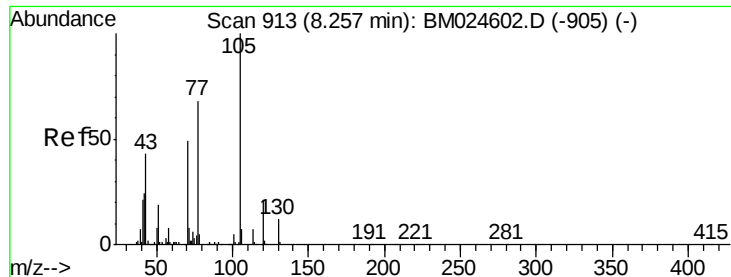
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





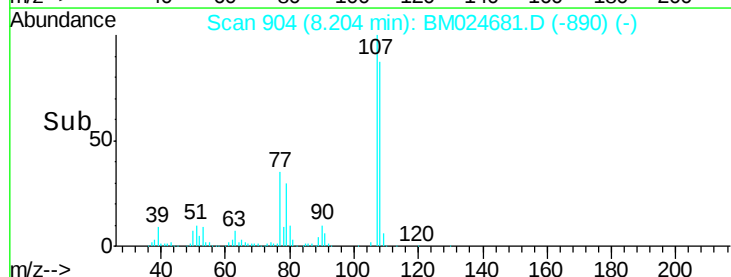
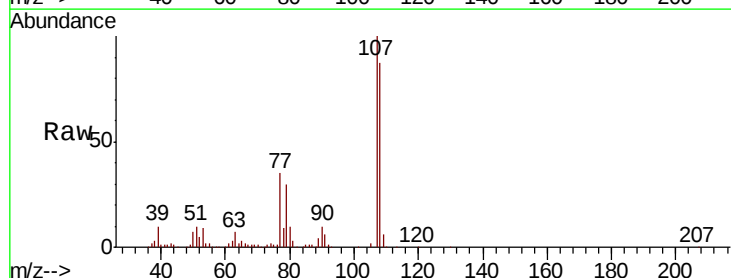
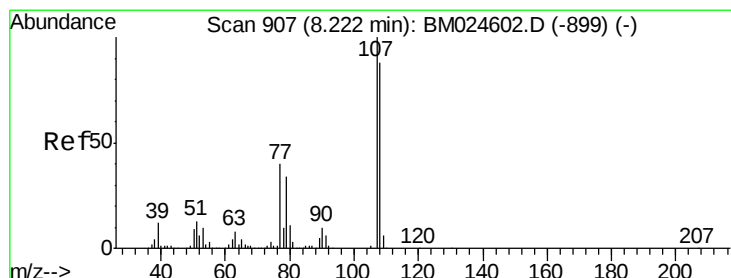
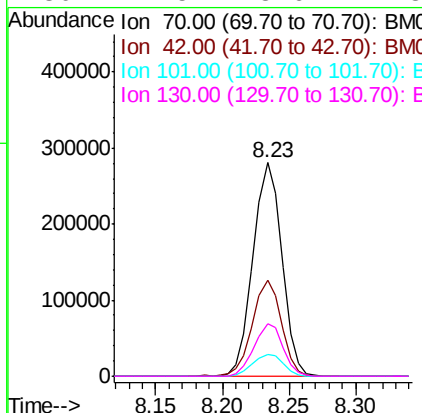
#19
n-Nitroso-di-n-propylamine
Concen: 38.736 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	70	Resp	418963
Ion Ratio	Lower	Upper	
70	100		
42	45.0	40.0	60.0
101	10.5	8.2	12.2
130	24.5	18.6	27.8

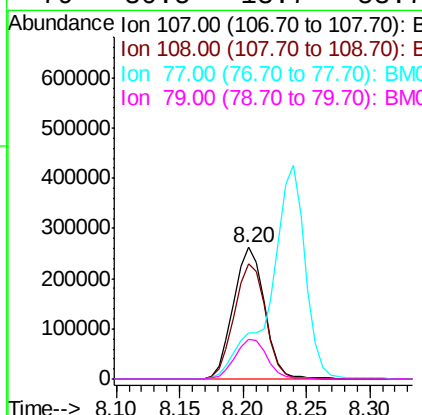
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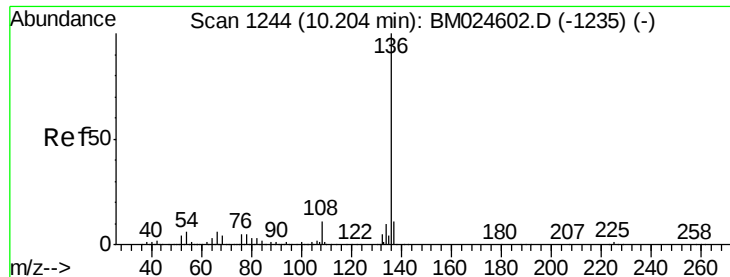
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#20
3+4-Methylphenols
Concen: 32.045 ng
RT: 8.20 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	107	Resp	448873
Ion Ratio	Lower	Upper	
107	100		
108	87.4	68.0	108.0
77	35.5	19.9	59.9
79	30.5	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

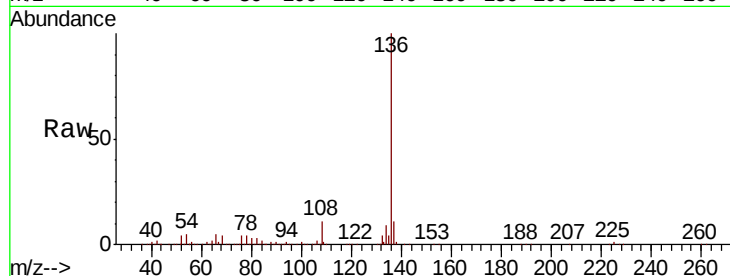
ClientSampleId :

PB126499BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		728619		
137	10.8		8.6	13.0	
54	4.7		4.5	6.7	
68	4.3		3.4	5.0	

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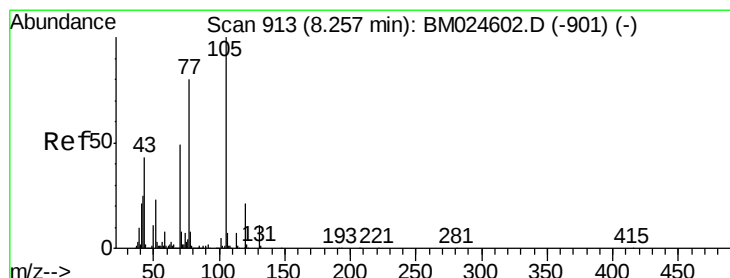
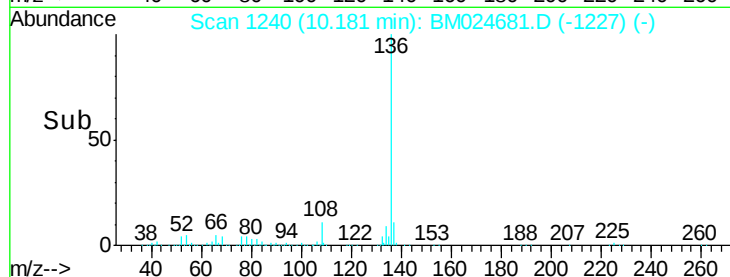
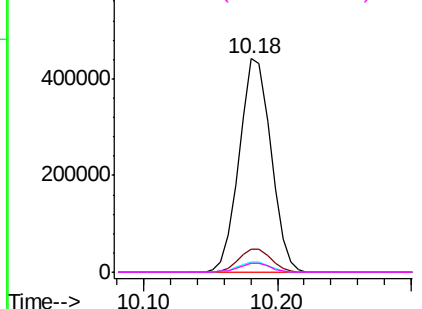
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 46.610 ng

RT: 8.24 min Scan# 910

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		875704		
71	7.0		6.7	10.1	
51	20.7		18.5	27.7	
120	22.0		16.6	25.0	

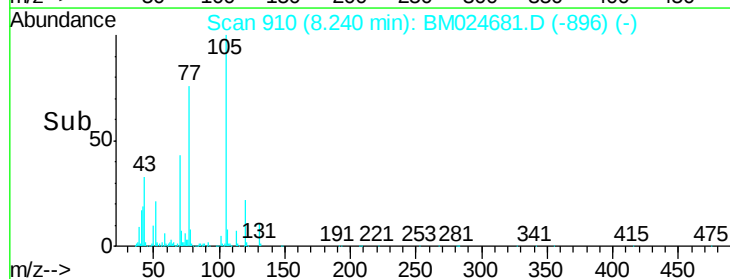
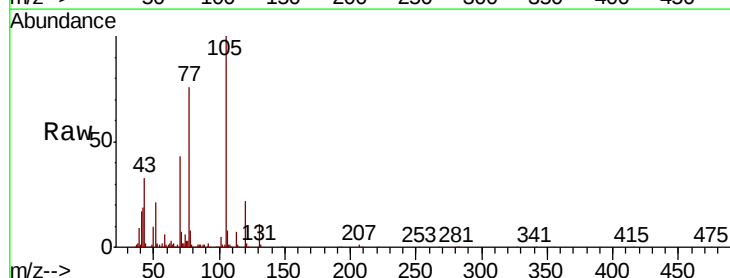
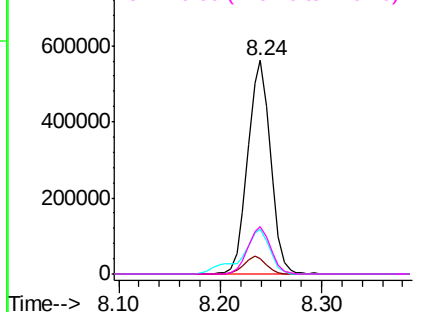
Abundance

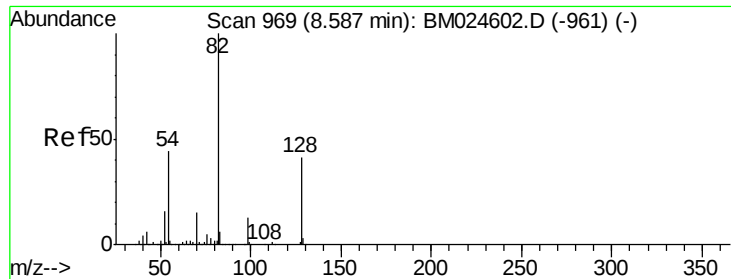
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





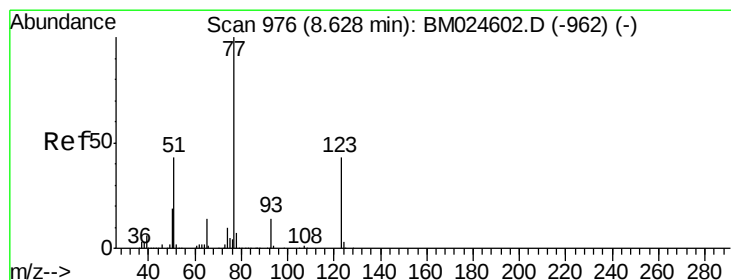
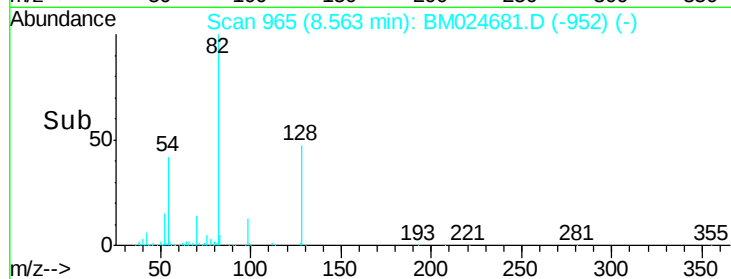
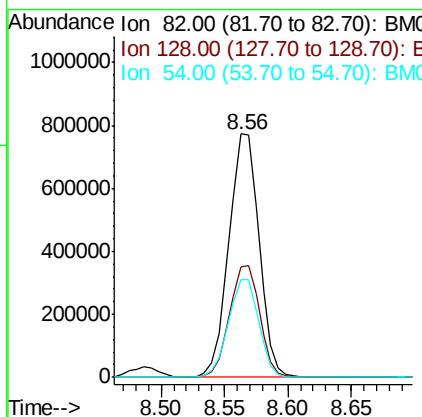
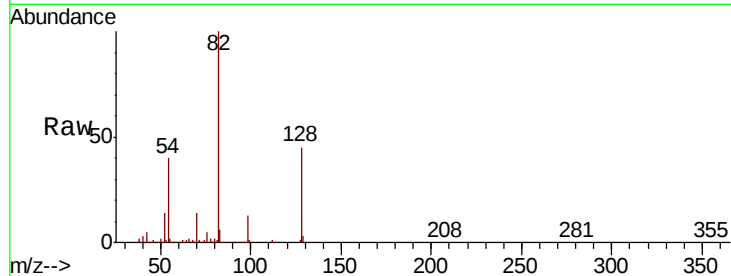
#23
Nitrobenzene-d5
Concen: 85.563 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	48.8
54	40.0	34.8	52.2

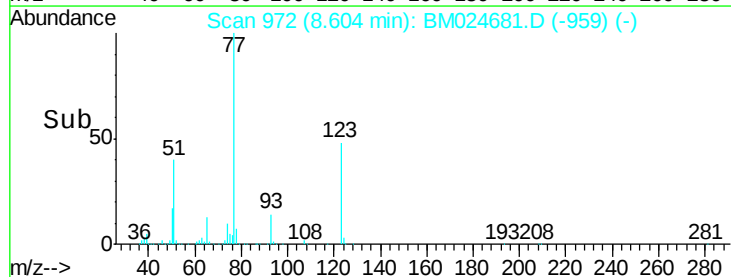
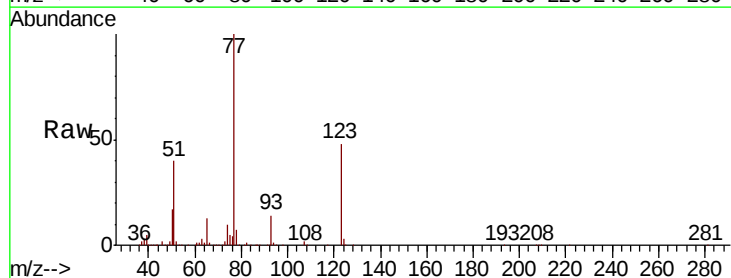
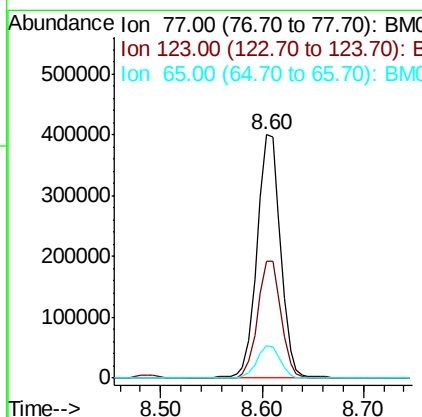
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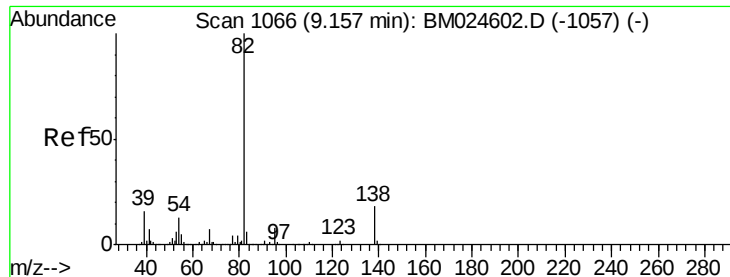
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#24
Nitrobenzene
Concen: 45.074 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	34.6	52.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 45.614 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

PB126499BSD

Tot Ion: 82 Resp: 1151498

Ion Ratio Lower Upper

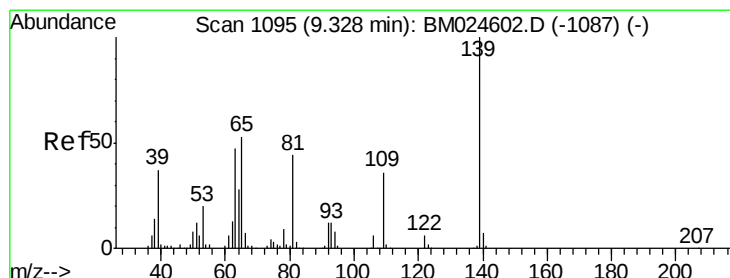
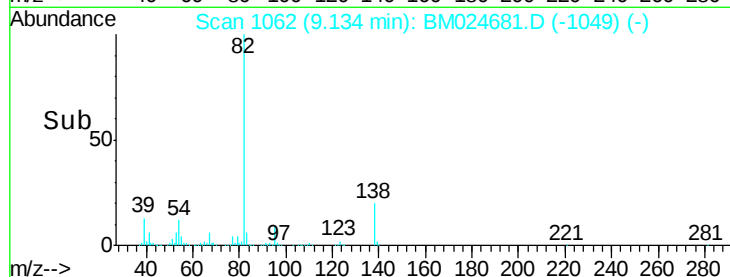
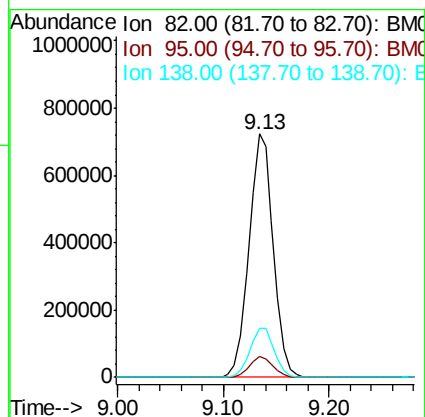
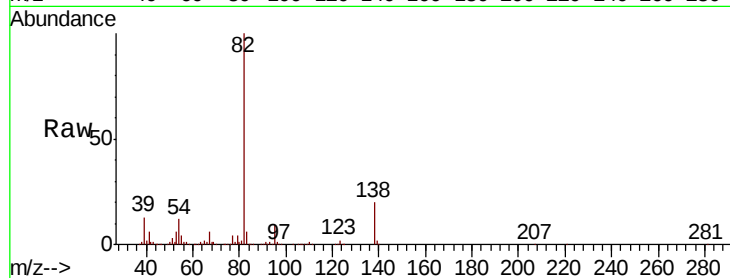
82 100

95 8.6 6.7 10.1

138 20.2 14.7 22.1

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#26

2-Nitrophenol

Concen: 55.134 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

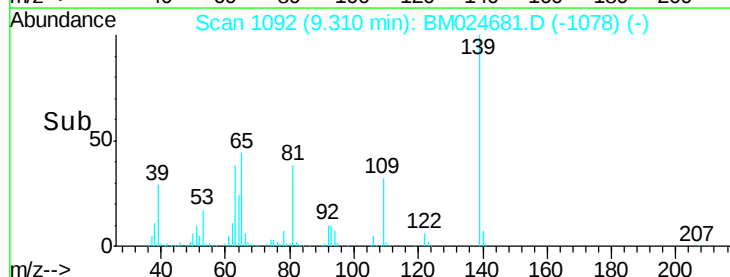
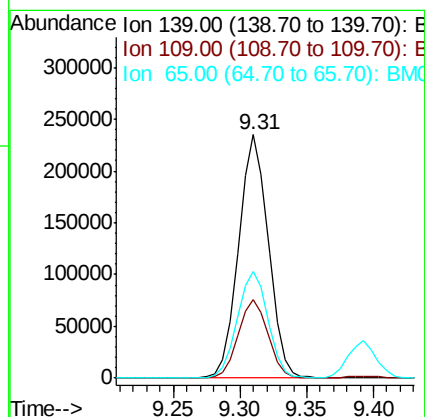
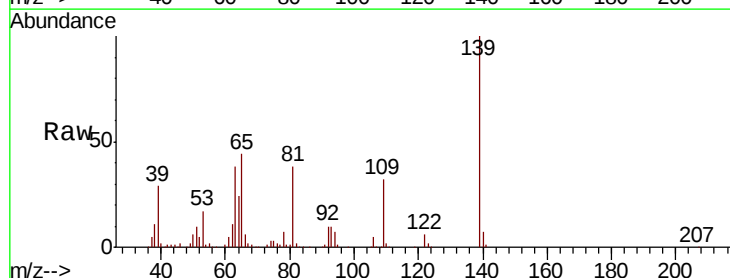
Tgt Ion: 139 Resp: 363478

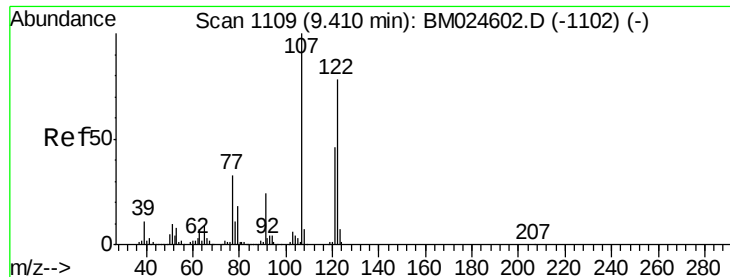
Ion Ratio Lower Upper

139 100

109 32.5 28.8 43.2

65 44.0 42.6 63.8





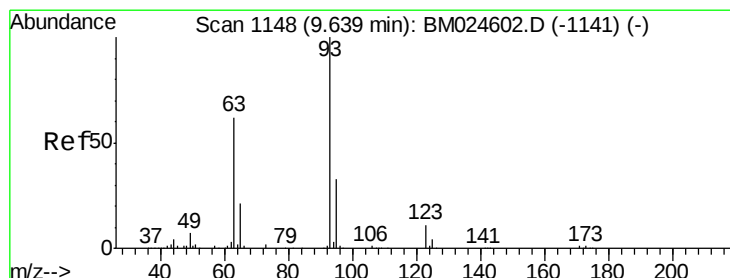
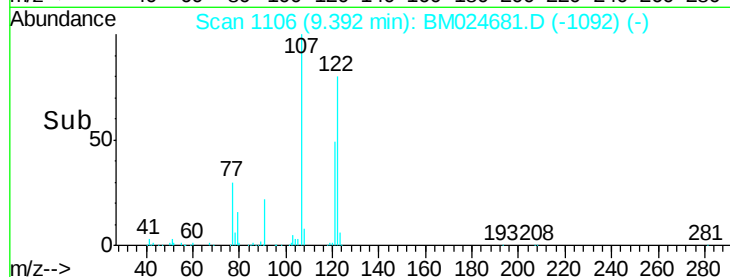
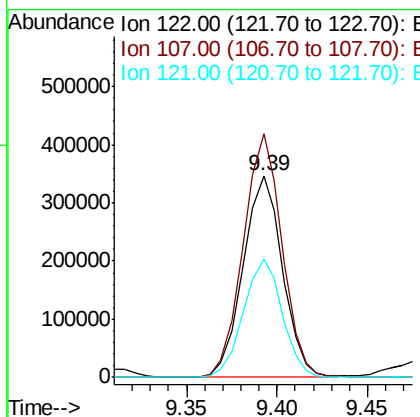
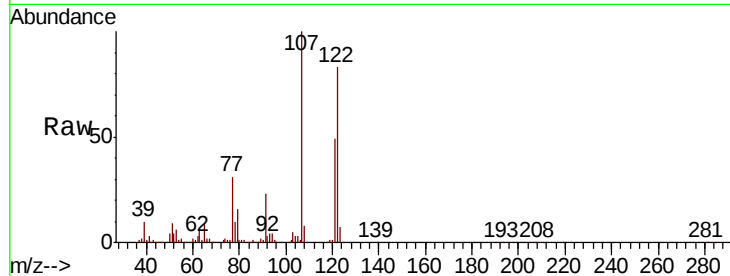
#27
 2,4-Dimethylphenol
 Concen: 58.501 ng
 RT: 9.39 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB126499BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.5	102.5	153.7
121	58.7	47.0	70.4

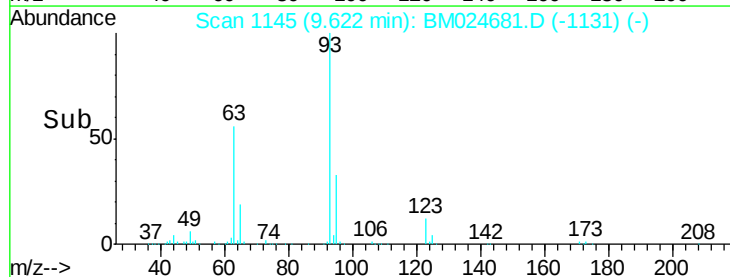
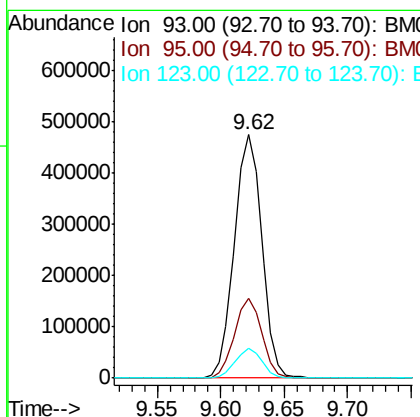
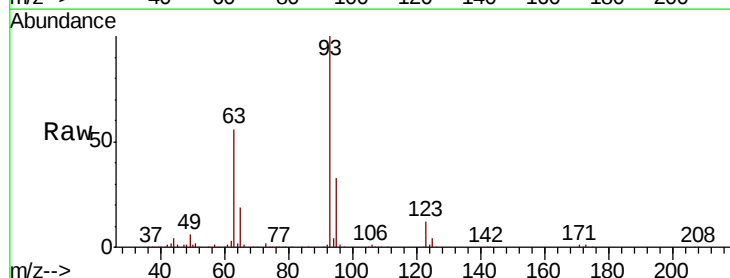
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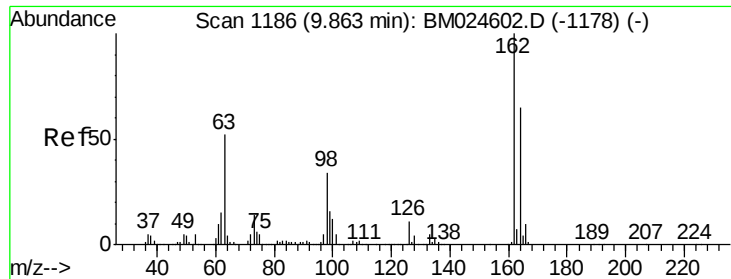
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.165 ng
 RT: 9.62 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	12.1	8.7	13.1





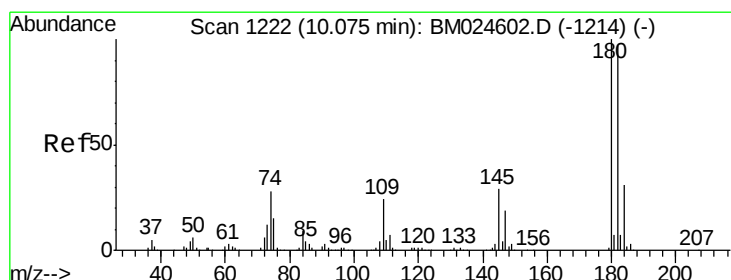
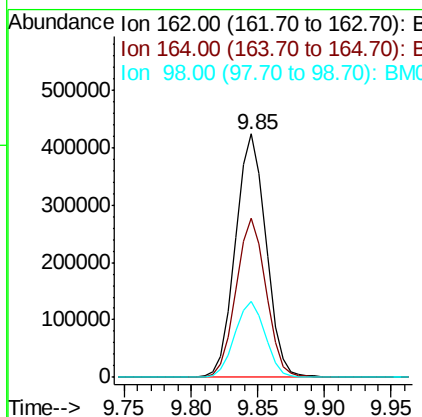
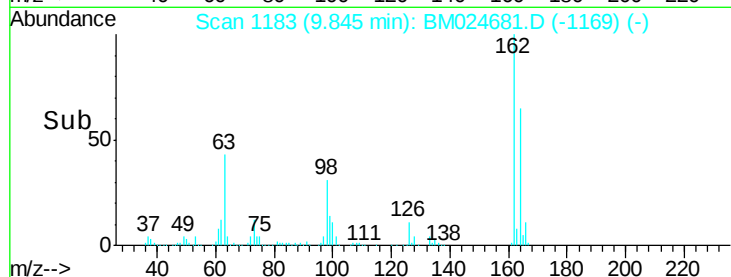
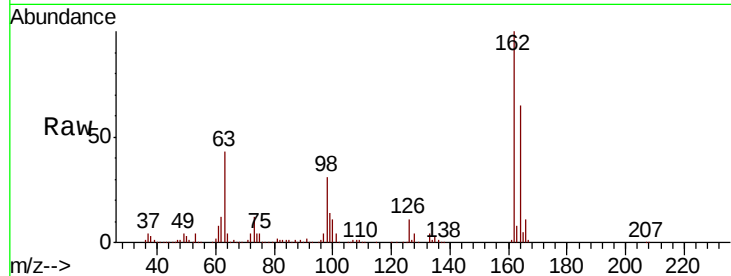
#29
2,4-Dichlorophenol
Concen: 55.652 ng
RT: 9.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	673587		
164	65.5		44.5	84.5
98	31.2		14.2	54.2

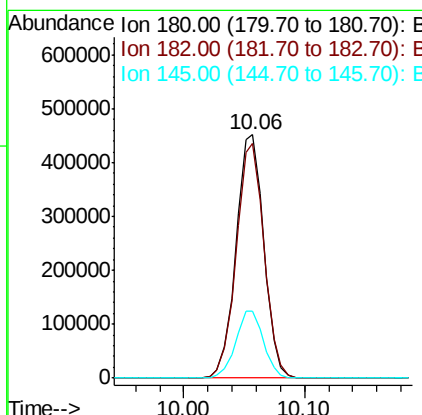
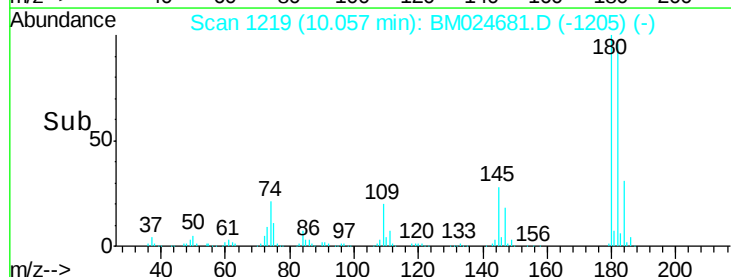
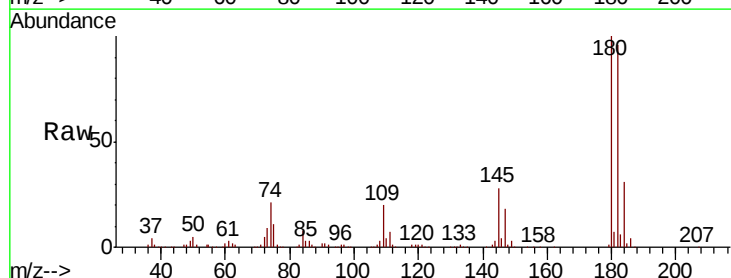
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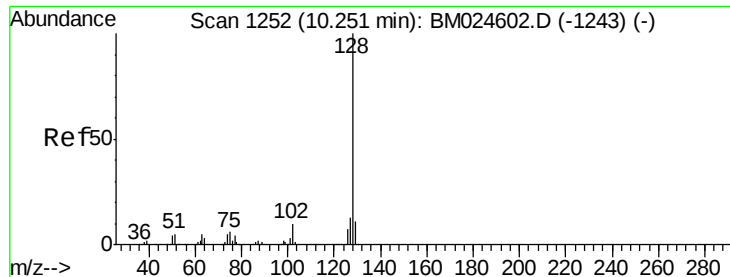
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#30
1,2,4-Trichlorobenzene
Concen: 49.652 ng
RT: 10.06 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	724796		
182	96.2		77.8	116.6
145	27.6		22.9	34.3





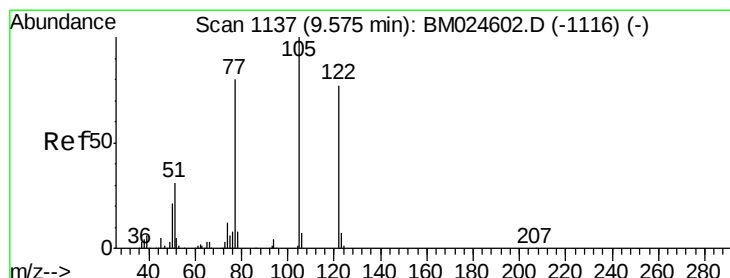
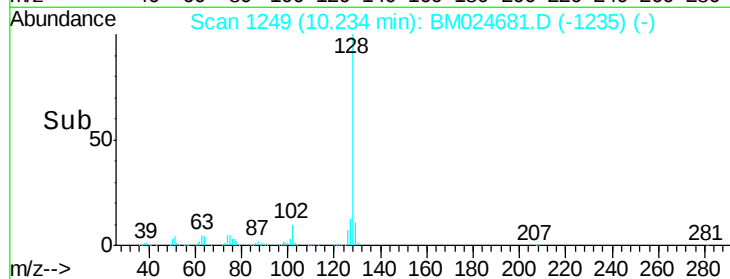
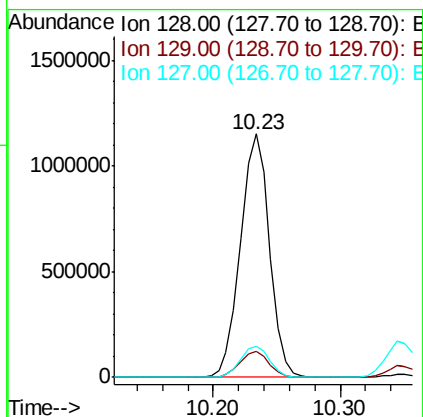
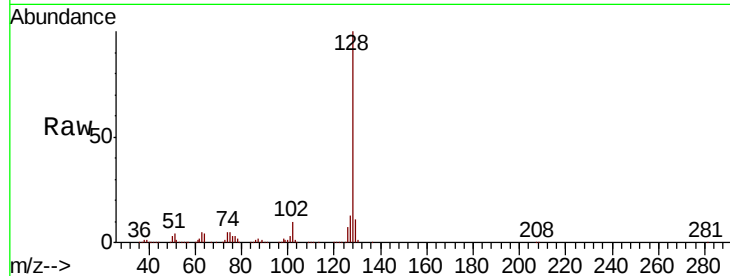
#31
Naphthalene
Concen: 49.569 ng
RT: 10.23 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.6	15.8

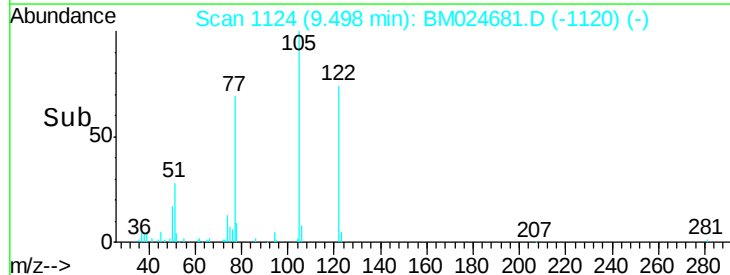
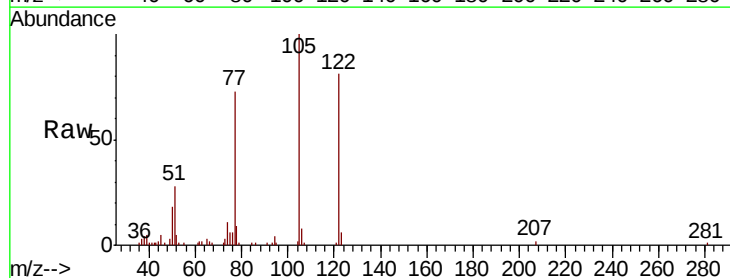
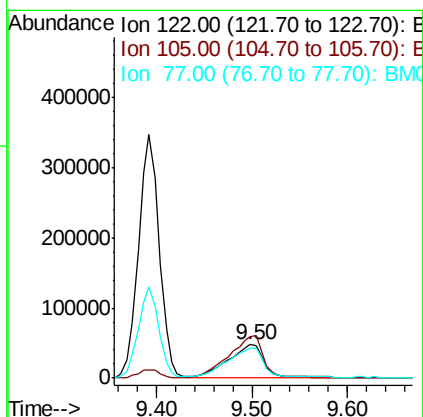
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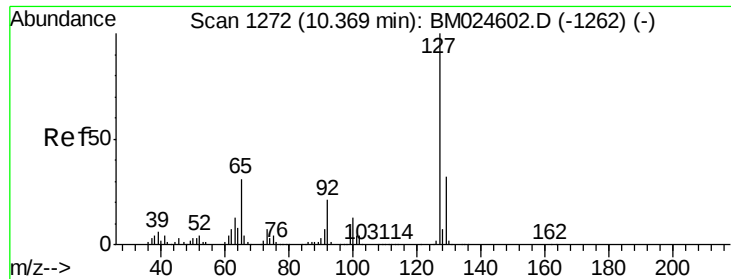
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#32
Benzoic acid
Concen: 14.898 ng m
RT: 9.50 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	107.7	147.7
77	90.5	83.8	123.8





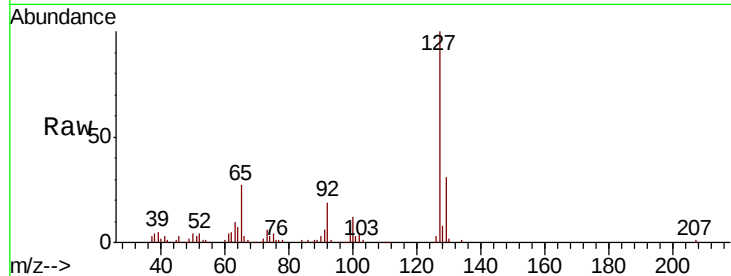
#33
4-Chloroaniline
Concen: 18.285 ng
RT: 10.35 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampled :
PB126499BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	25.9	38.9	
65	26.6	25.1	37.7	
92	18.8	16.6	25.0	

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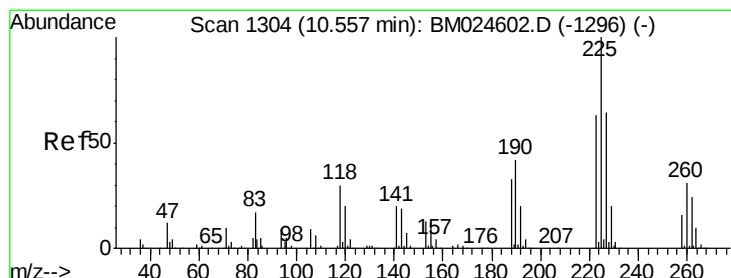
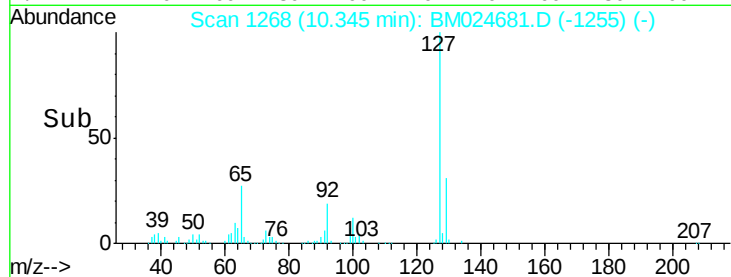
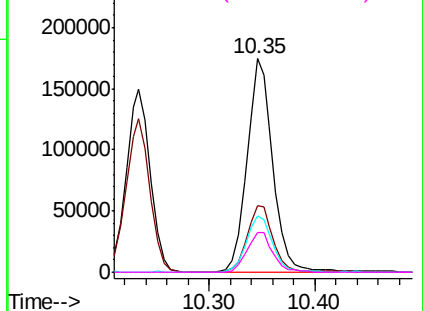
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

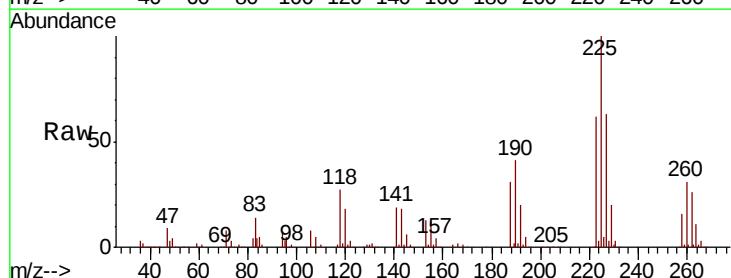
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 46.996 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	50.7	76.1	
227	63.2	51.4	77.0	

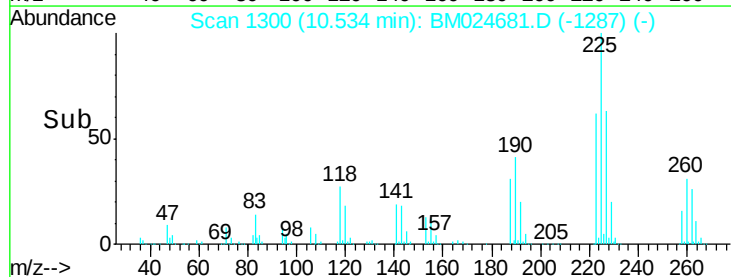
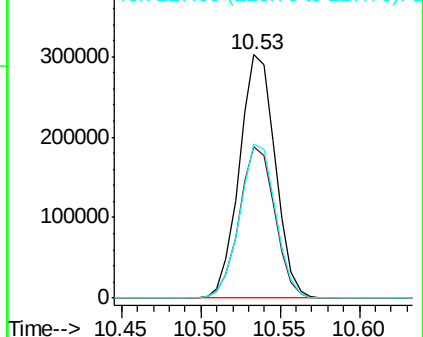


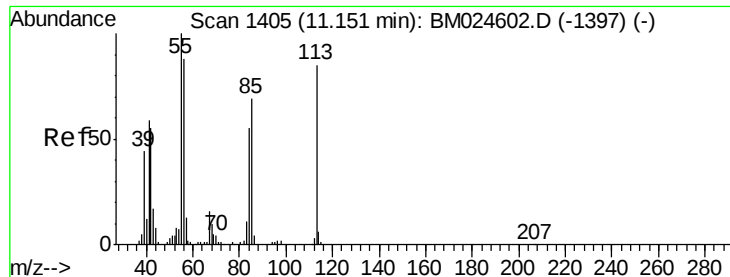
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.788 ng/mL

RT: 11.14 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

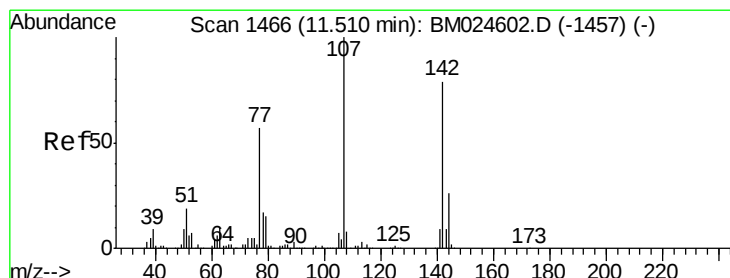
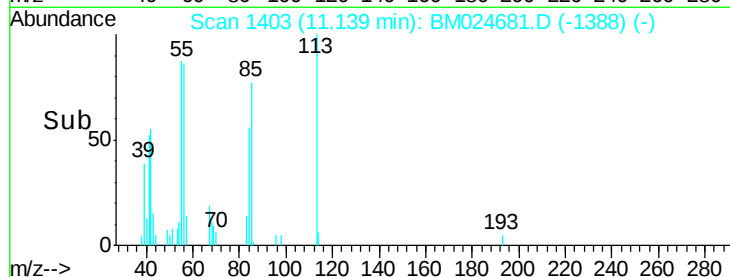
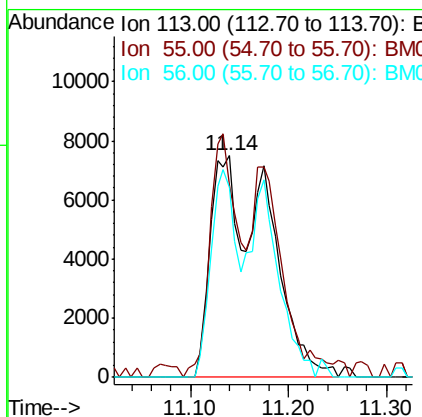
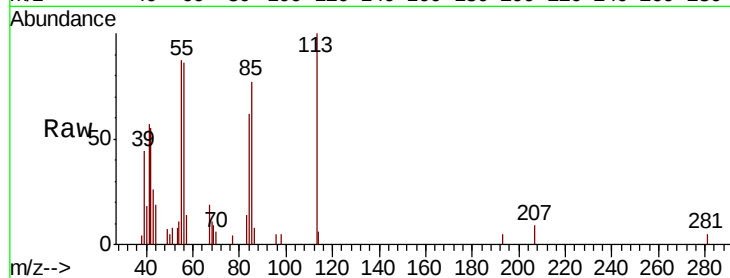
ClientSampleId :

PB126499BSD

Tot Ion:	113	Resp:	30243
Ion	Ratio	Lower	Upper
113	100		
55	86.8	97.5	137.5#
56	85.6	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 46.389 ng/mL

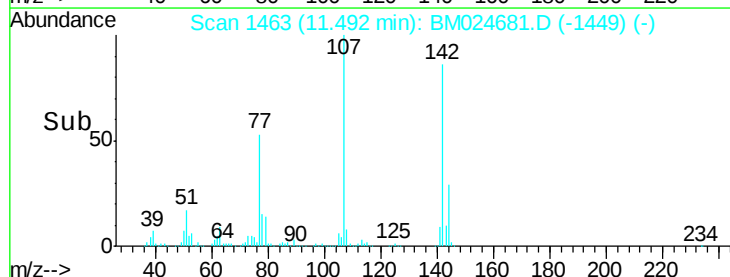
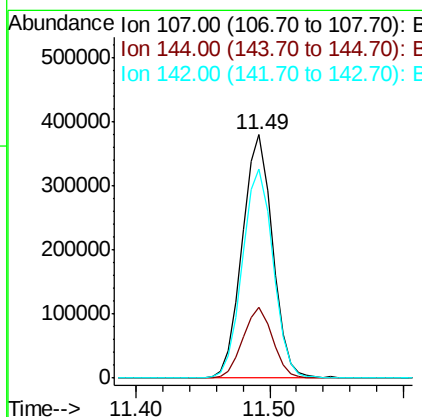
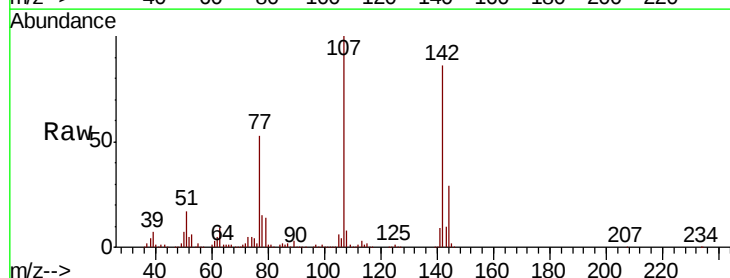
RT: 11.49 min Scan# 1463

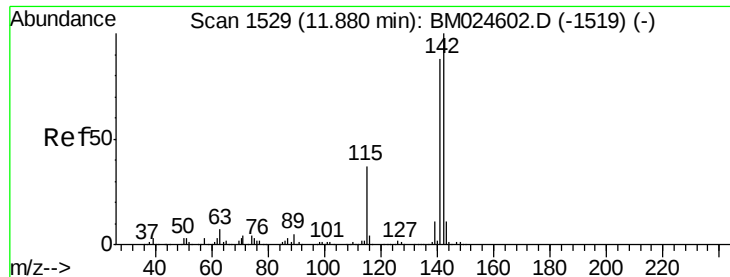
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:	107	Resp:	597032
Ion	Ratio	Lower	Upper
107	100		
144	29.3	20.5	30.7
142	86.1	62.8	94.2





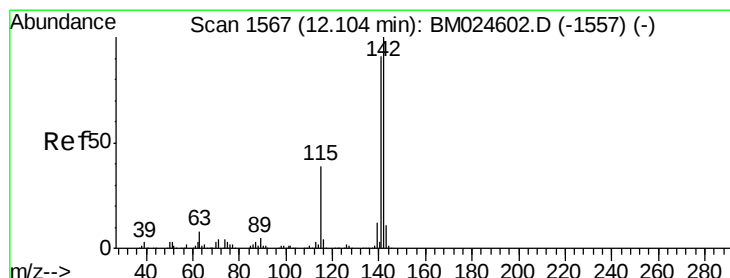
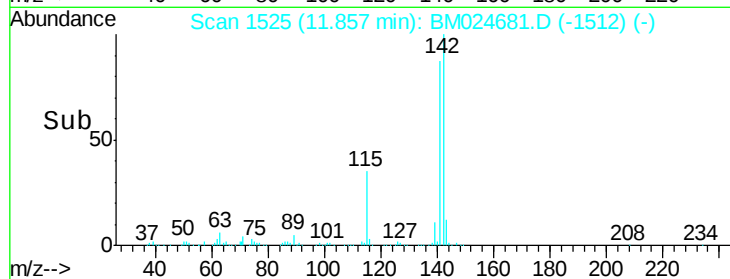
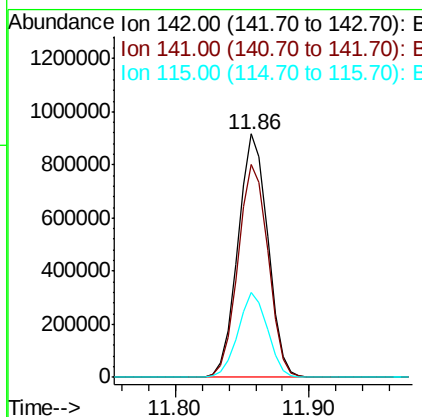
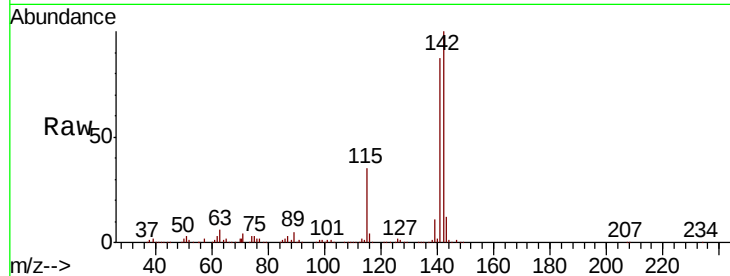
#37
2-Methylnaphthalene
Concen: 50.094 ng
RT: 11.86 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.2	105.2
115	34.7	29.7	44.5

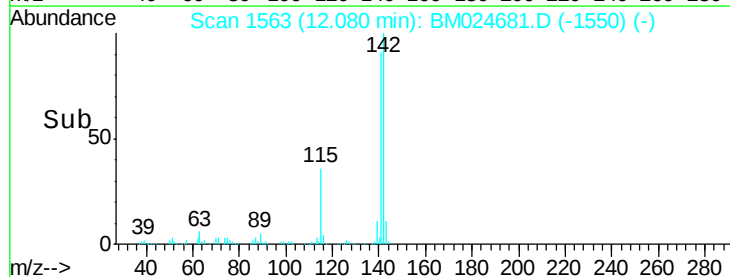
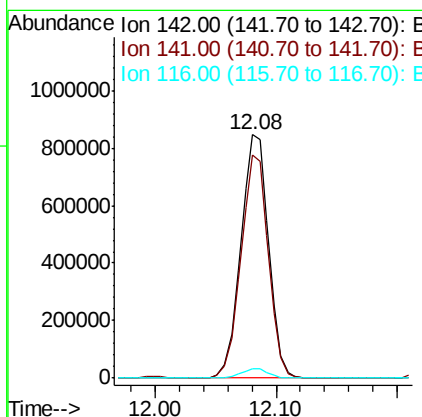
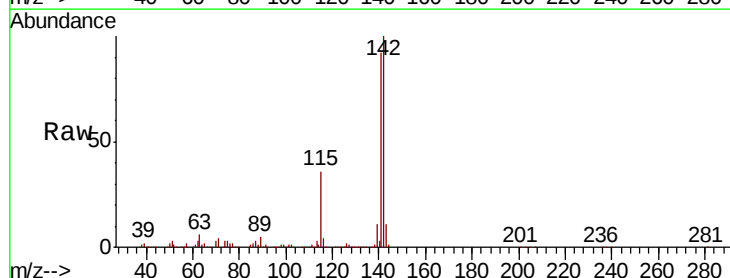
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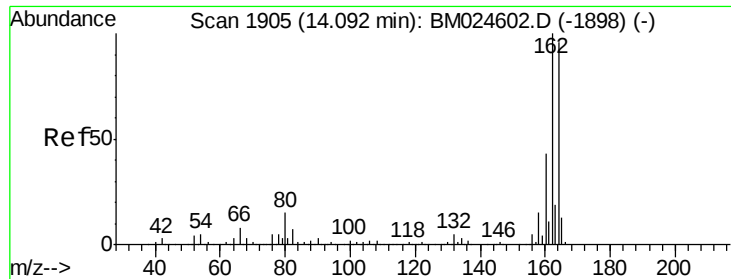
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#38
1-Methylnaphthalene
Concen: 50.128 ng
RT: 12.08 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.8	109.2
116	3.9	3.2	4.8





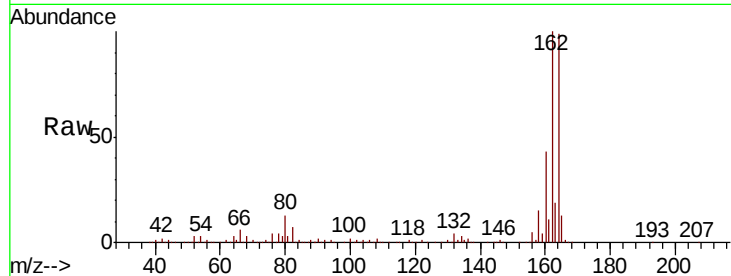
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	82.9	124.3	
160	44.0	35.5	53.3	

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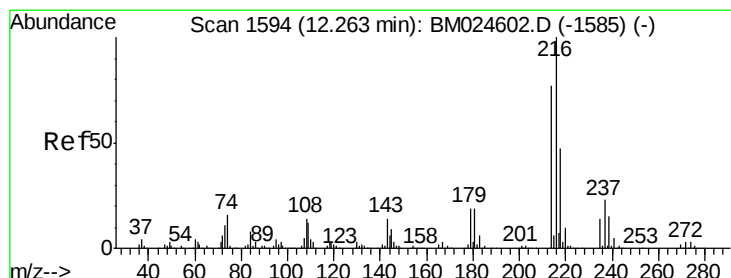
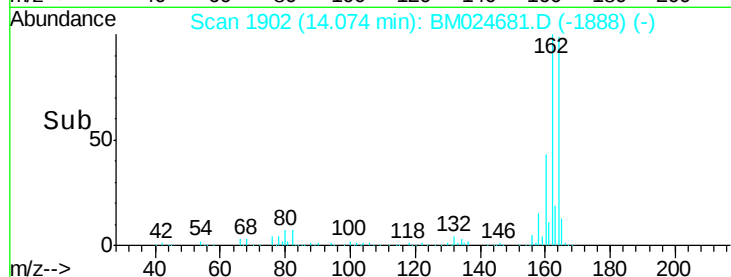
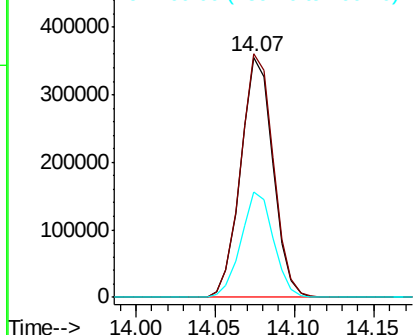


Abundance

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: 49.361 ng
RT: 12.25 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.6	62.3	93.5	
179	19.6	16.1	24.1	
108	15.4	13.0	19.6	

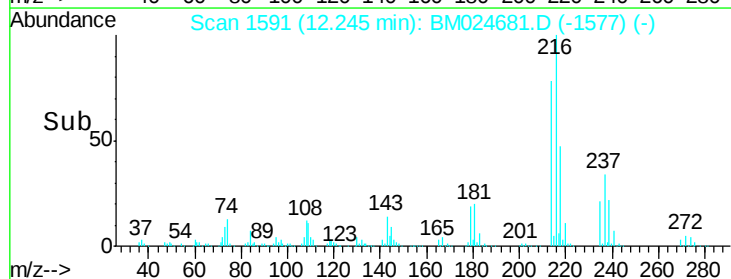
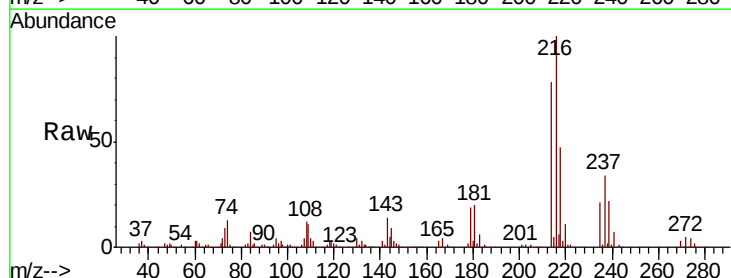
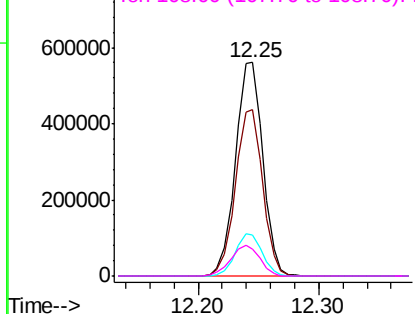
Abundance

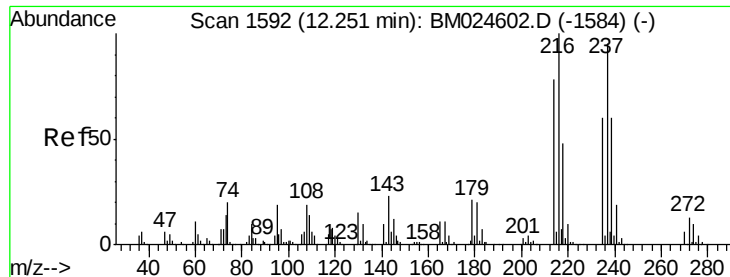
Ion 216.00 (215.70 to 216.70): E

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: 102.439 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

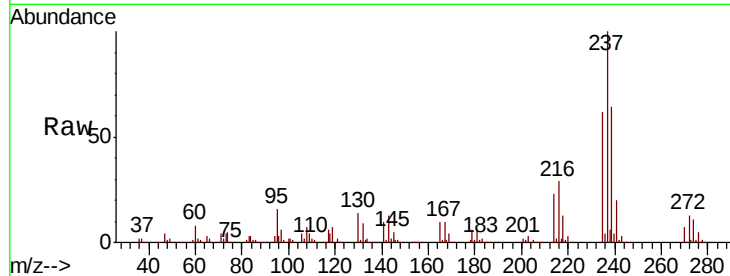
ClientSampleId :

PB126499BSD

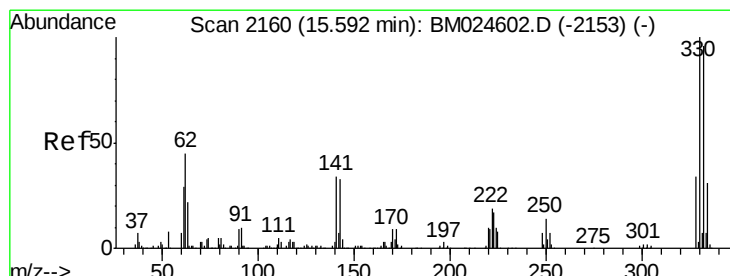
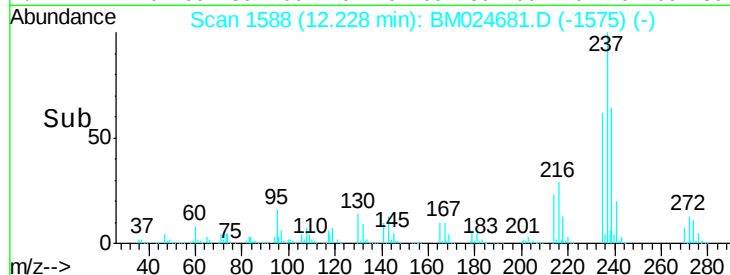
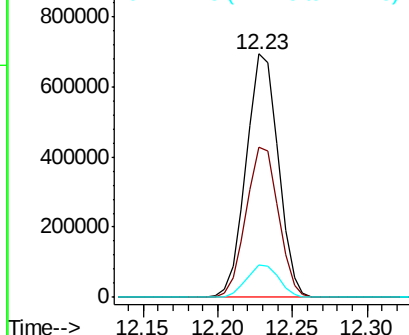
Tot Ion:	237	Resp:	1029804
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.3	83.3
272	13.4	0.0	33.4

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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: 109.247 ng

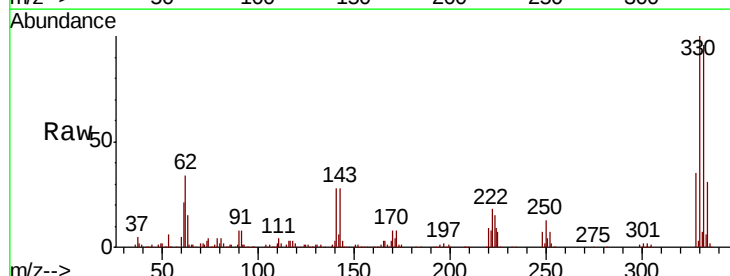
RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

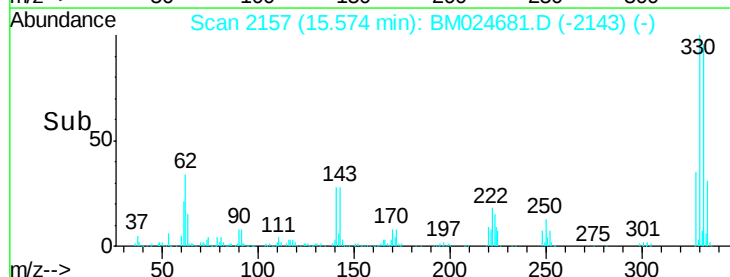
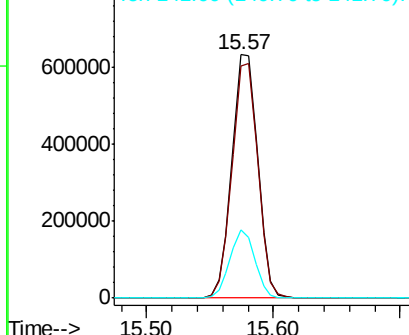
Lab File: BM024681.D

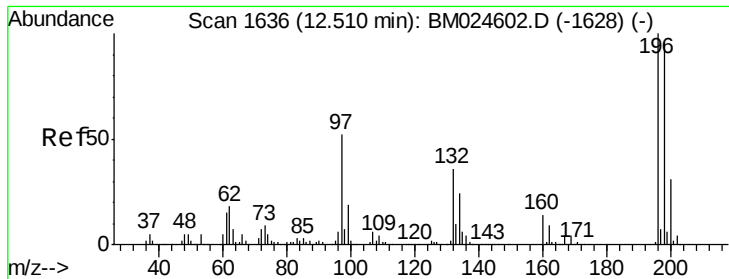
Acq: 31 Jan 2020 18:35

Tgt Ion:	330	Resp:	893011
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	27.0	26.9	40.3



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





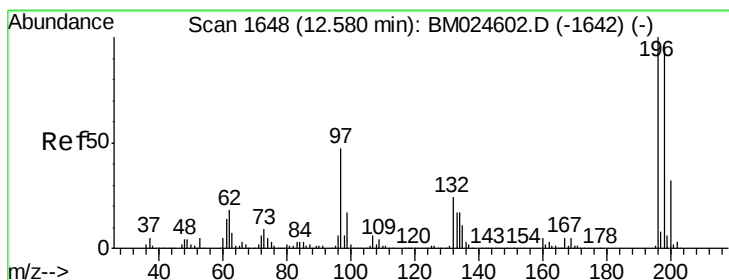
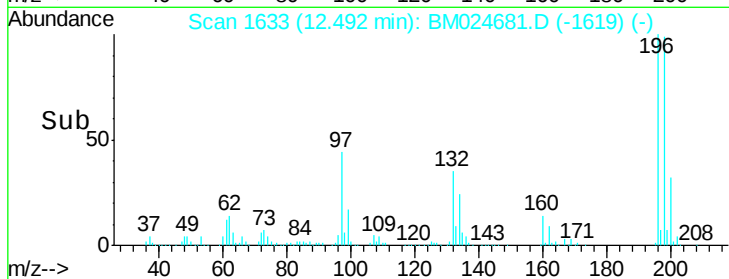
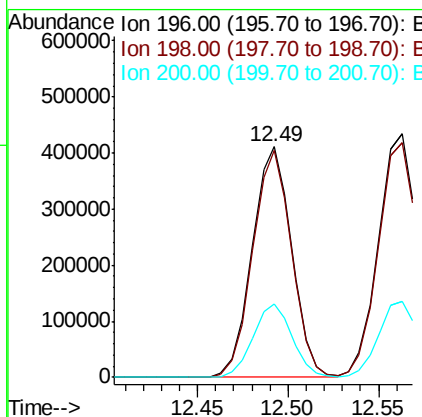
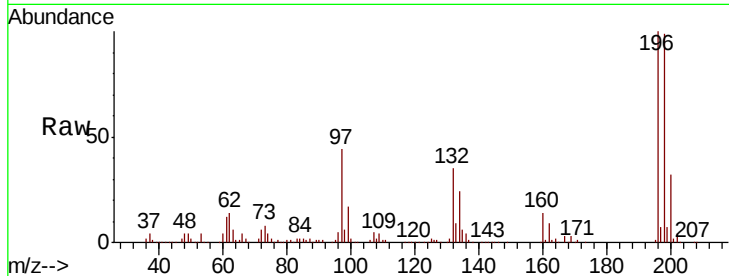
#43
 2,4,6-Trichlorophenol
 Concen: 54.380 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB126499BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	620640		
198	98.5	76.5	114.7	
200	31.6	25.0	37.6	

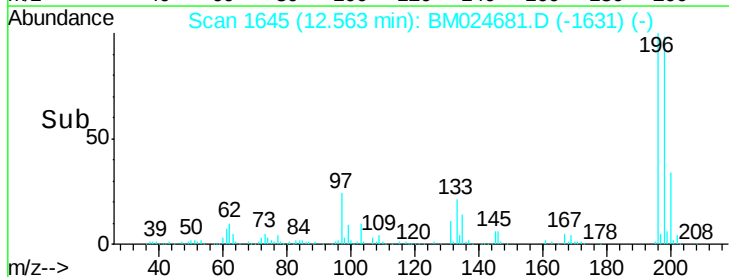
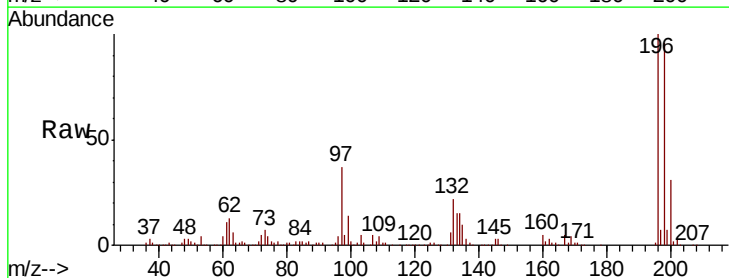
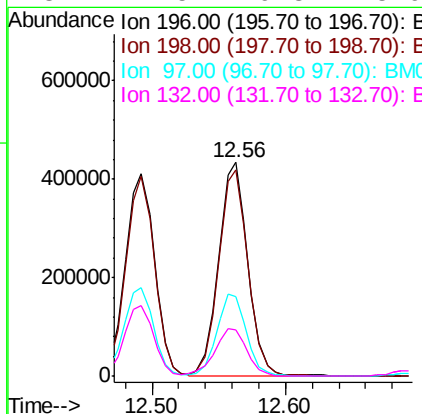
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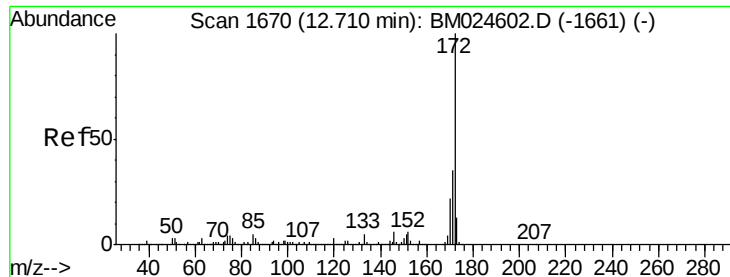
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 56.664 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	660462		
198	96.4	77.2	115.8	
97	37.5	37.4	56.0	
132	21.5	19.3	28.9	





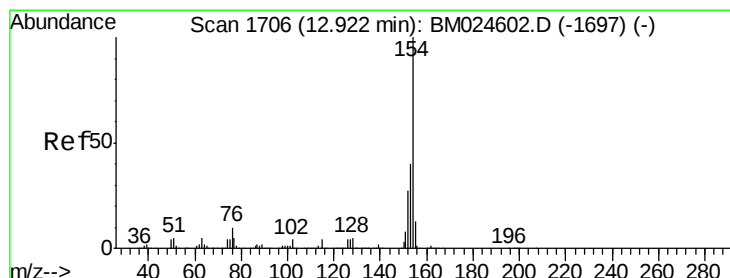
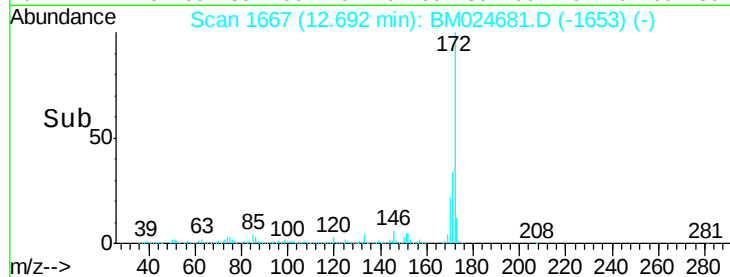
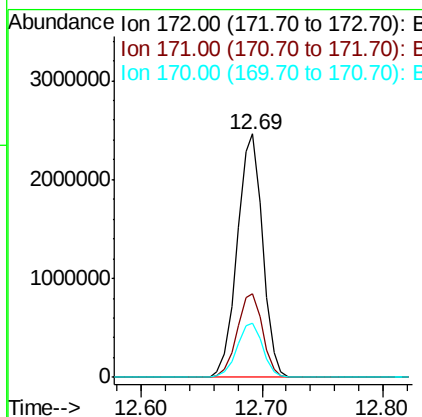
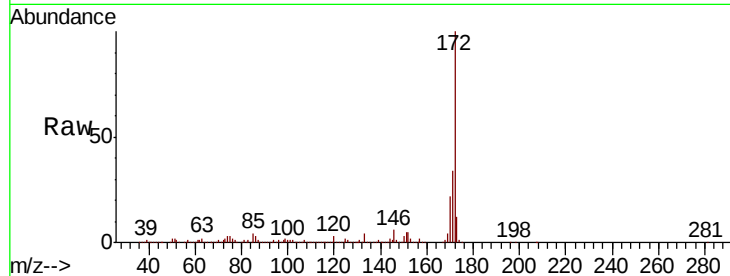
#45
2-Fluorobiphenyl
Concen: 97.074 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.3	42.5
170	22.4	17.9	26.9

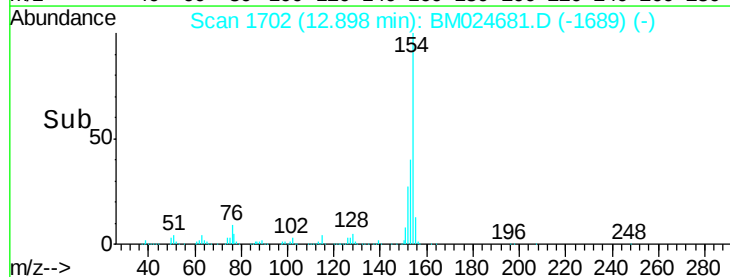
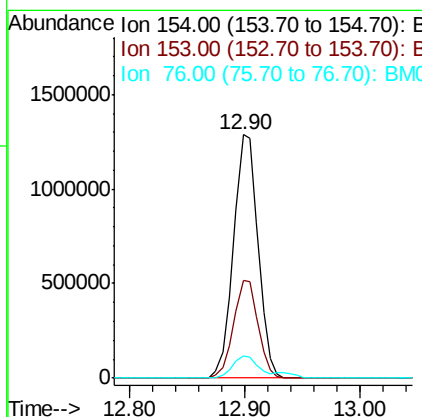
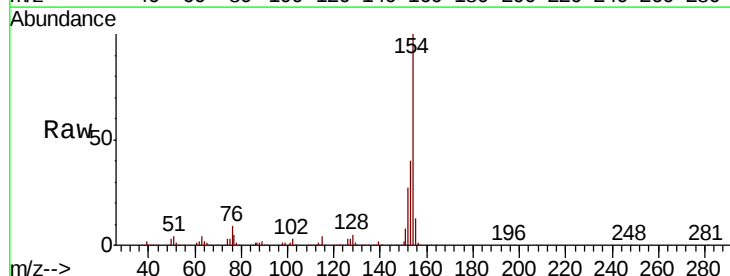
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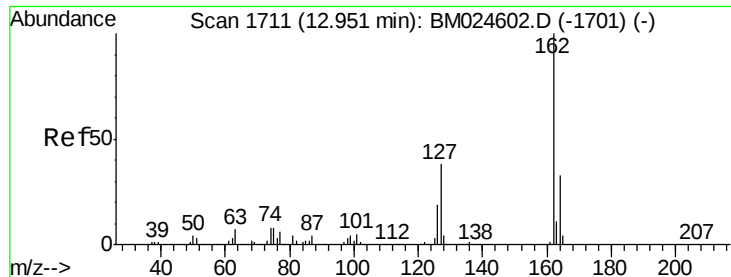
mohammad
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#46
1,1'-Biphenyl
Concen: 49.843 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	9.3	0.0	30.5





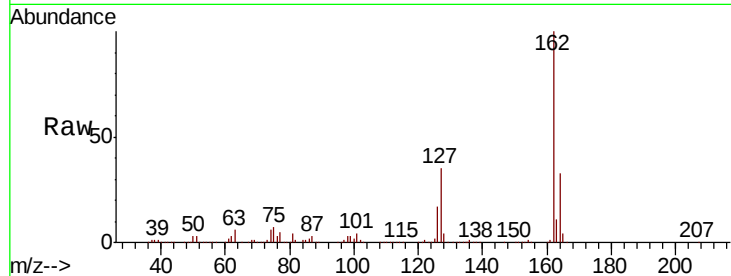
#47
2-Chloronaphthalene
Concen: 49.472 ng
RT: 12.93 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampled :
PB126499BSD

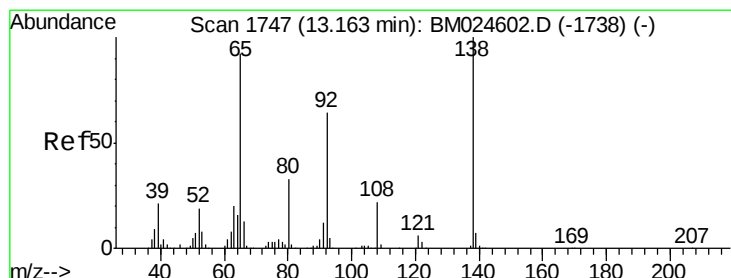
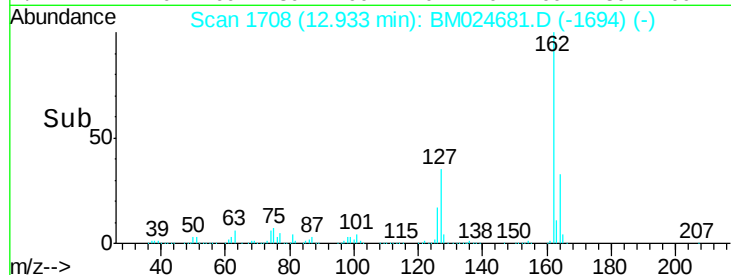
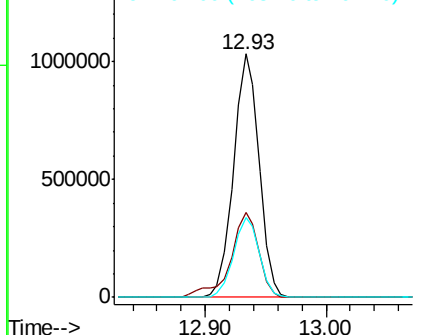
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	30.4	45.6
164	32.9	26.5	39.7

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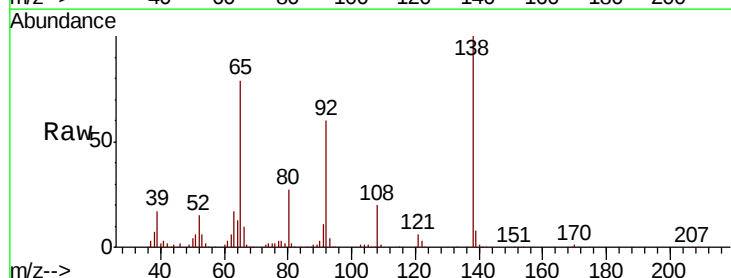


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

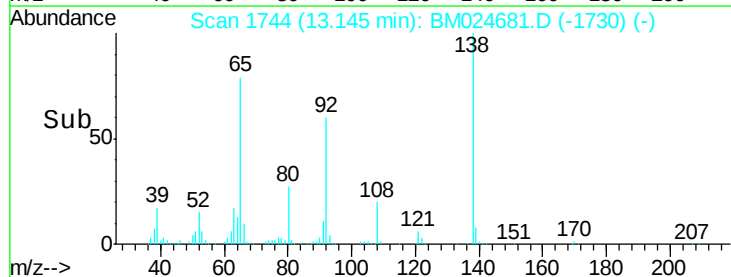
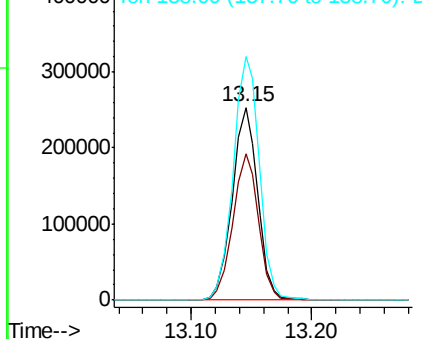


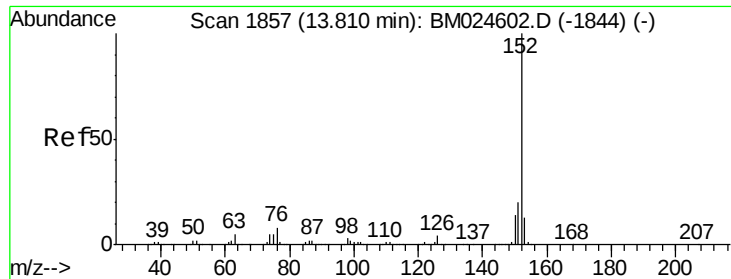
#48
2-Nitroaniline
Concen: 39.929 ng
RT: 13.15 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.8	55.4	83.2
138	126.3	86.6	129.8



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: 52.521 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

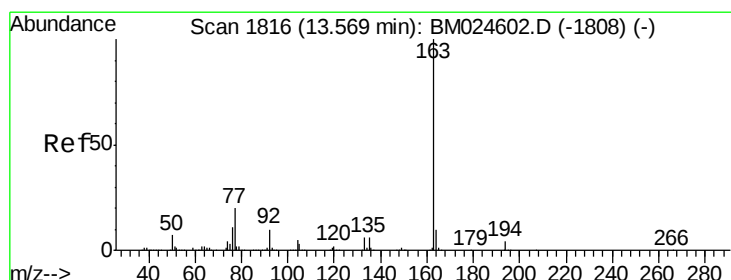
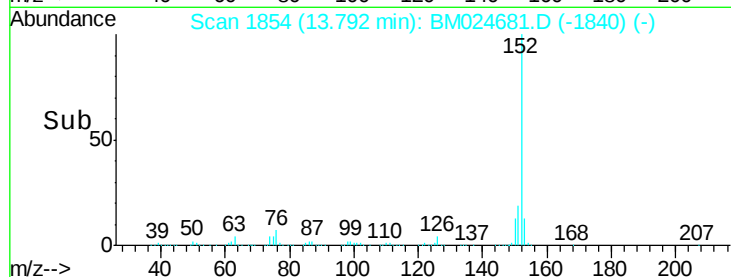
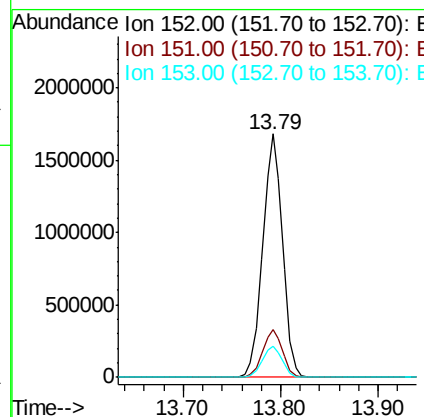
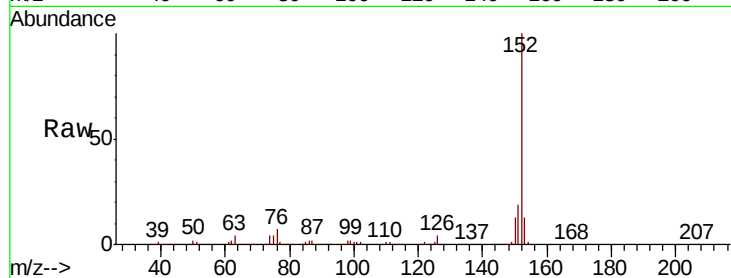
ClientSampleId :

PB126499BSD

Tot Ion:	152	Resp:	2413882
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.0	10.4	15.6

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#50

Dimethylphthalate

Concen: 49.844 ng

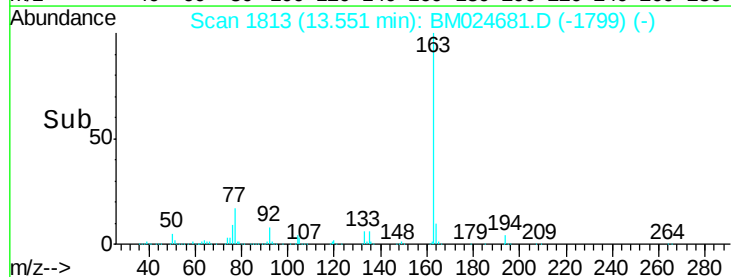
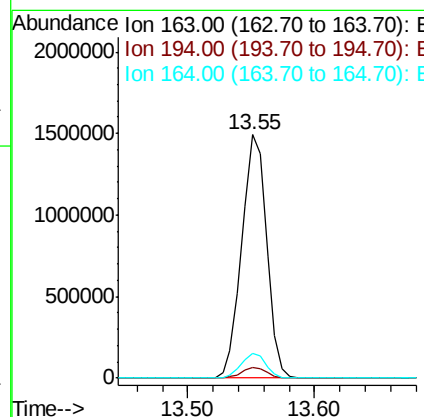
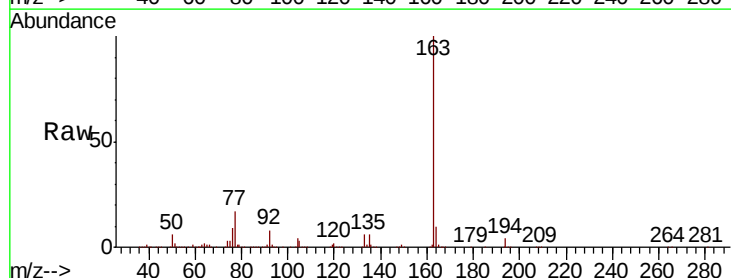
RT: 13.55 min Scan# 1813

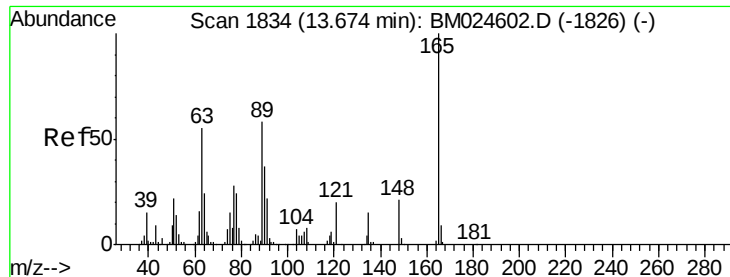
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:	163	Resp:	2025398
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.0	12.0





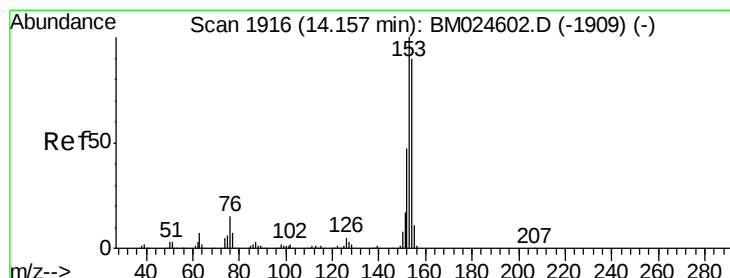
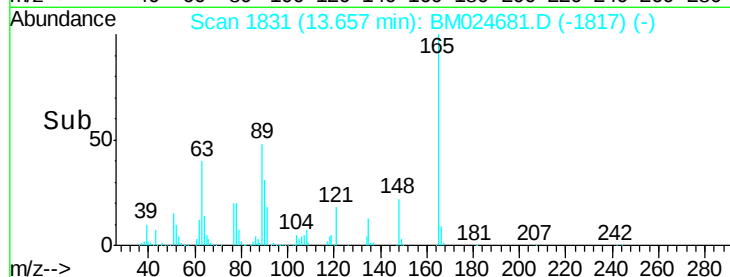
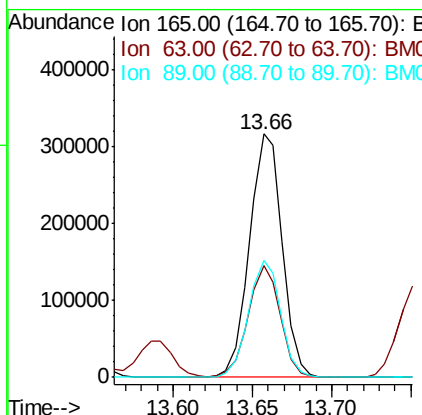
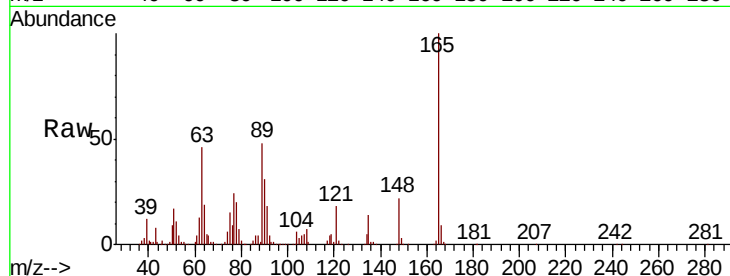
#51
2,6-Dinitrotoluene
Concen: 52.392 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	452633		
63	45.7		45.4	68.0
89	48.0		46.6	69.8

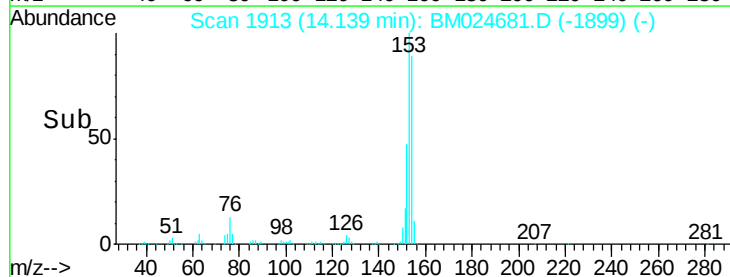
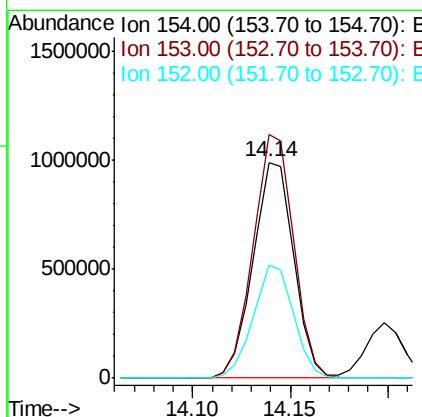
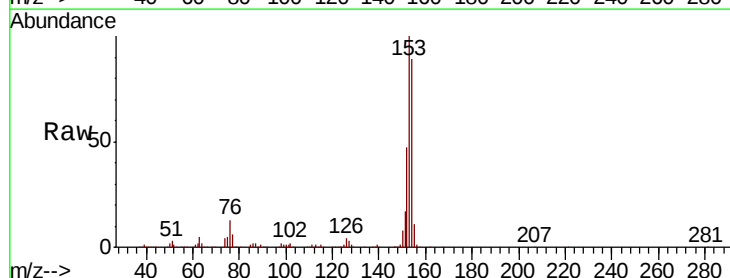
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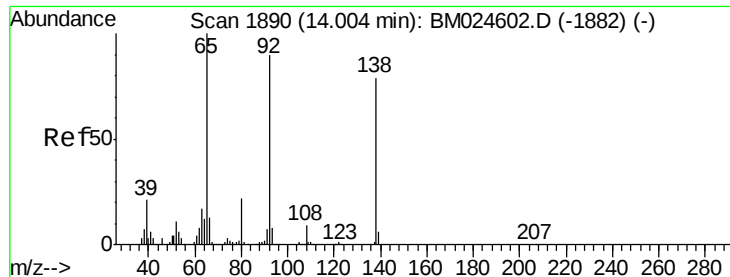
mohammad
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#52
Acenaphthene
Concen: 50.358 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1436197		
153	112.7		89.1	133.7
152	52.6		41.9	62.9





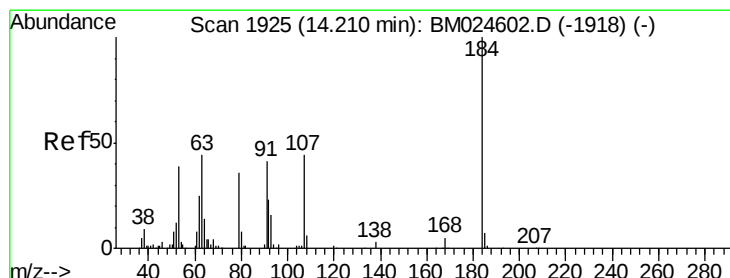
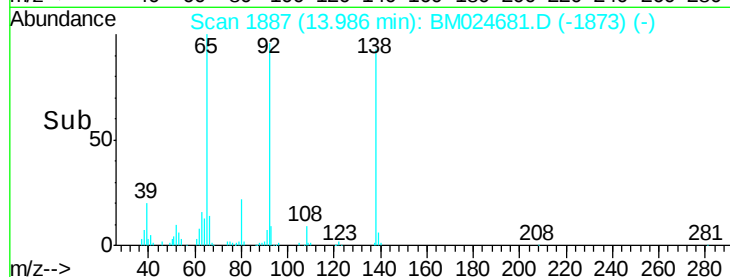
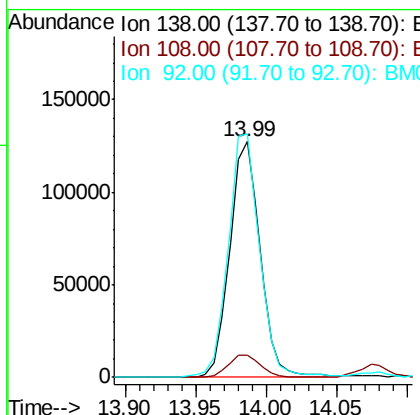
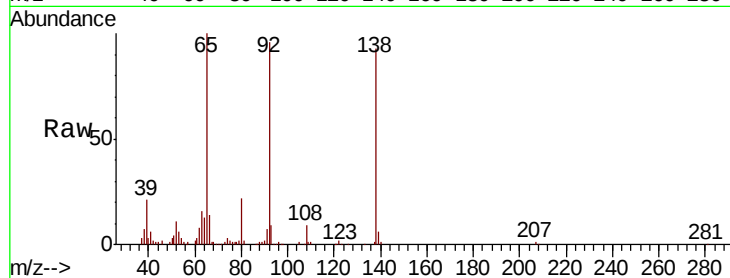
#53
3-Nitroaniline
Concen: 21.402 ng
RT: 13.99 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.7	13.1
92	103.4	91.0	136.4

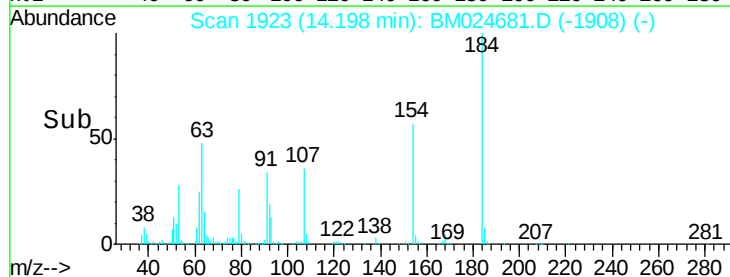
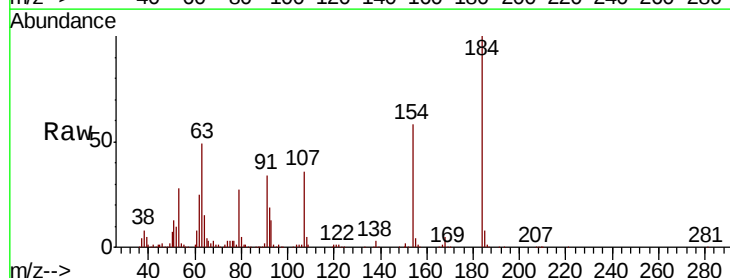
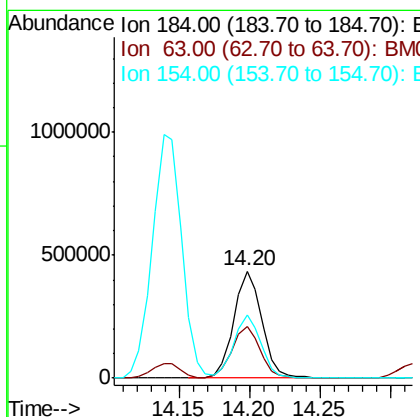
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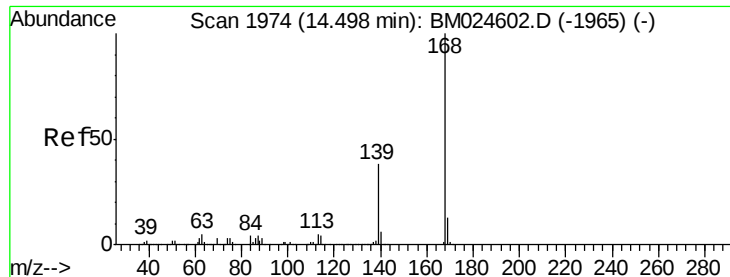
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#54
2,4-Dinitrophenol
Concen: 117.700 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.7	51.8	77.8#
154	58.3	50.2	75.4





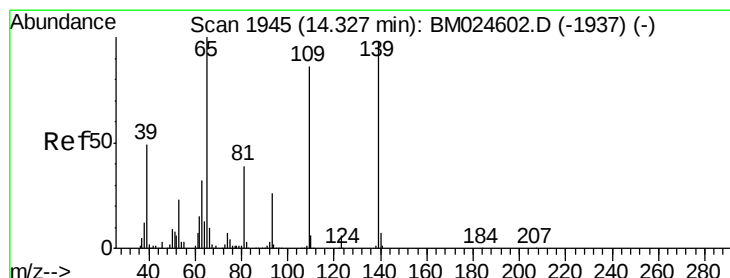
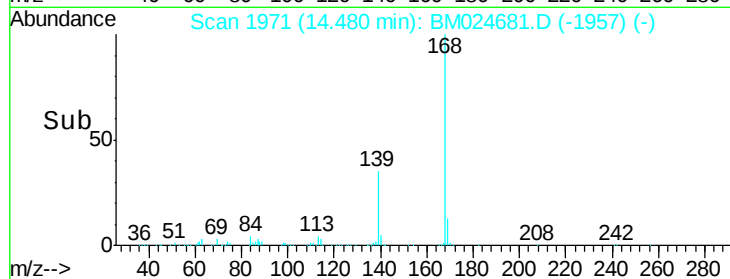
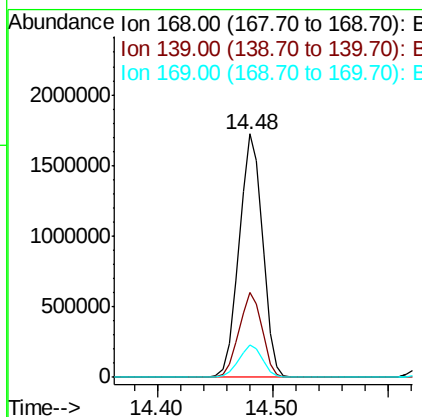
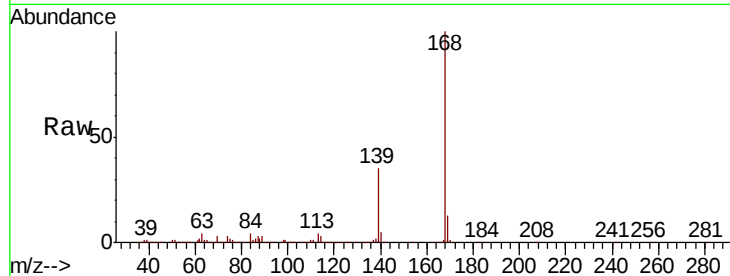
#55
Dibenzenofuran
Concen: 52.010 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.2	45.4
169	13.2	10.7	16.1

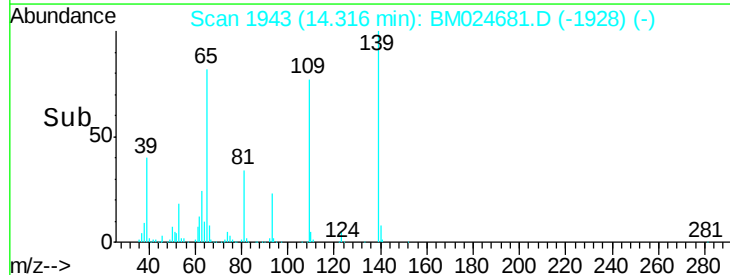
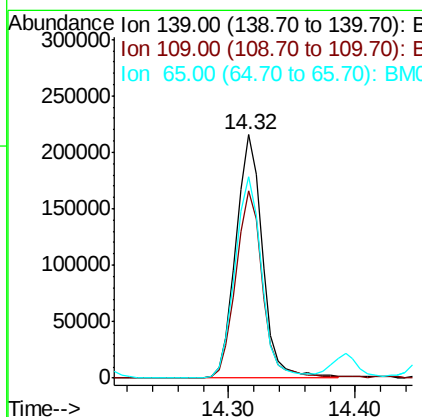
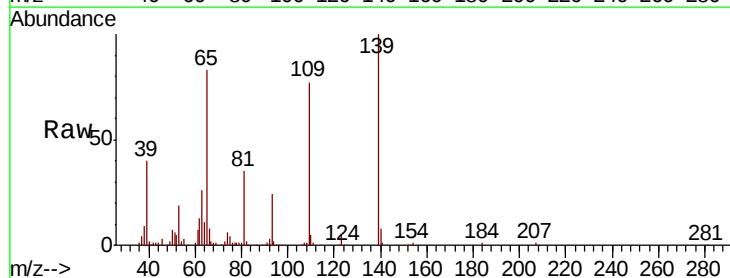
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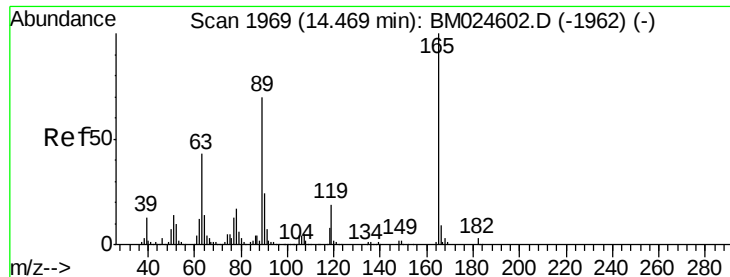
mohammad
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#56
4-Nitrophenol
Concen: 44.828 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.2	67.4	107.4
65	82.8	82.1	122.1





#57

2,4-Dinitrotoluene

Concen: 51.822 ng

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

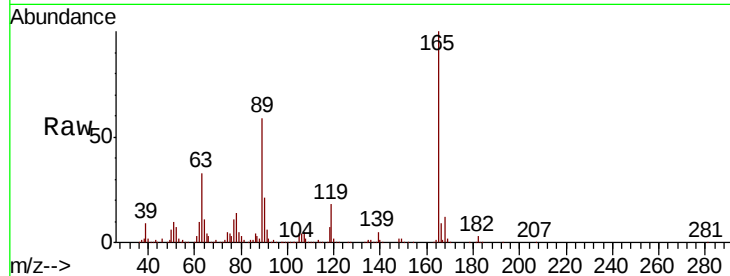
ClientSampleId :

PB126499BSD

Tot Ion:	165	Resp:	641640
Ion Ratio	Lower	Upper	
165	100		
63	33.4	34.5	51.7#
89	58.6	55.8	83.8
182	3.3	2.3	3.5

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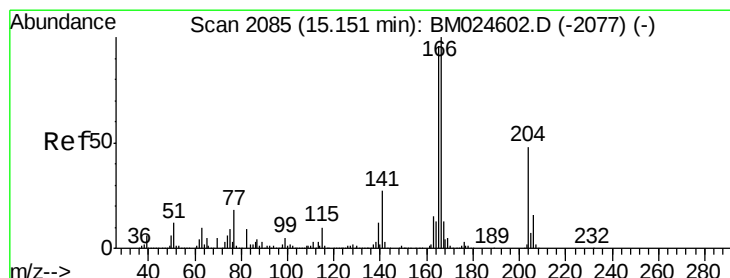
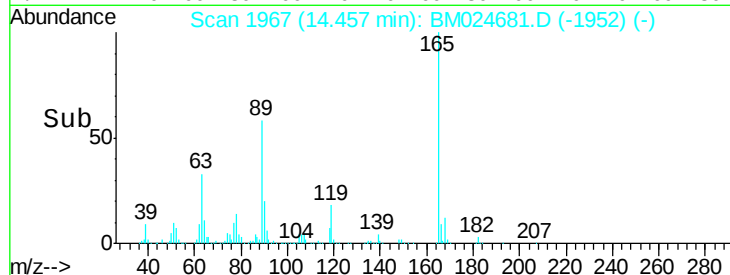
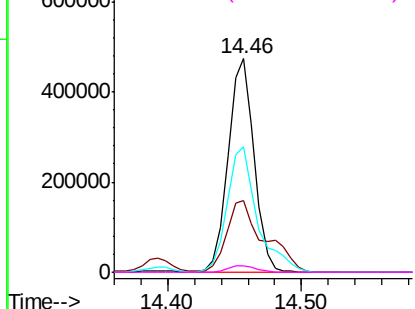


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.103 ng

RT: 15.13 min Scan# 2082

Delta R.T. -0.02 min

Lab File: BM024681.D

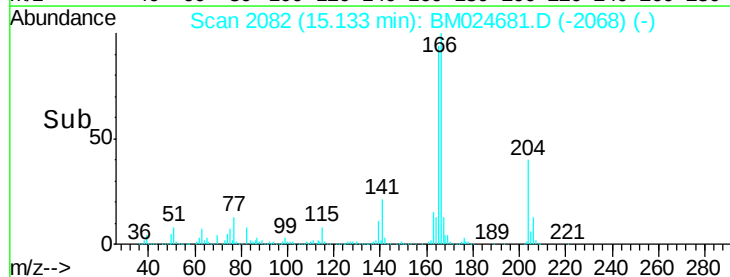
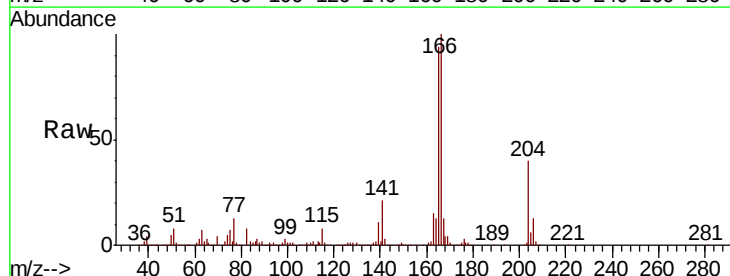
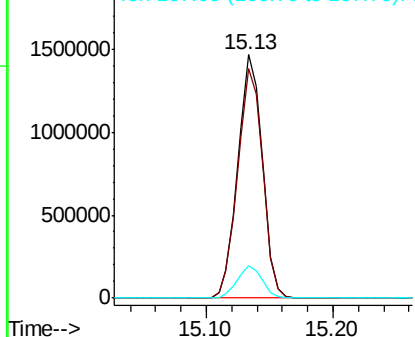
Acq: 31 Jan 2020 18:35

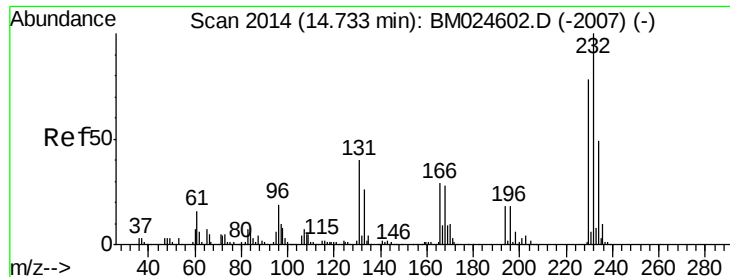
Tgt Ion:	166	Resp:	1958403
Ion Ratio	Lower	Upper	
166	100		
165	94.3	76.6	114.8
167	13.4	10.8	16.2

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





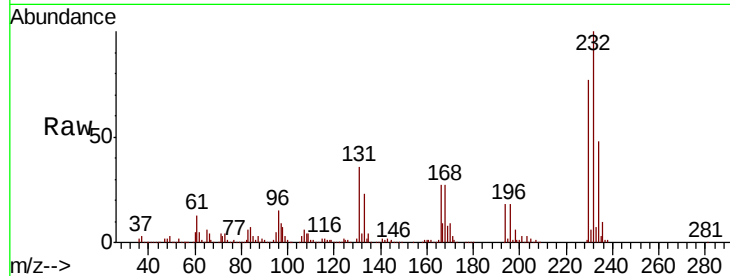
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.166 ng
RT: 14.72 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

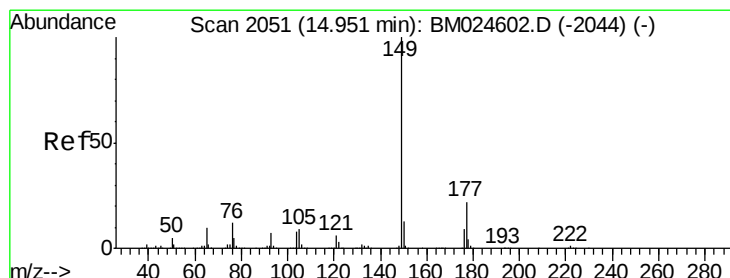
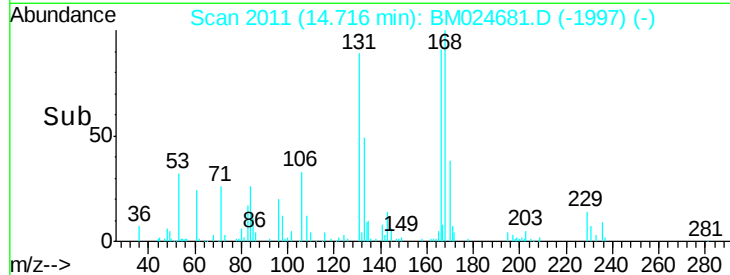
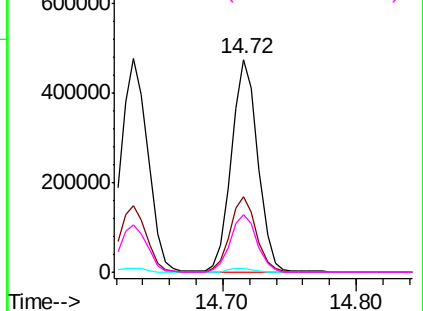
Tot Ion	Ratio	Lower	Upper
232	100		
131	35.4	32.2	48.4
130	2.0	1.9	2.9
166	27.3	23.4	35.0

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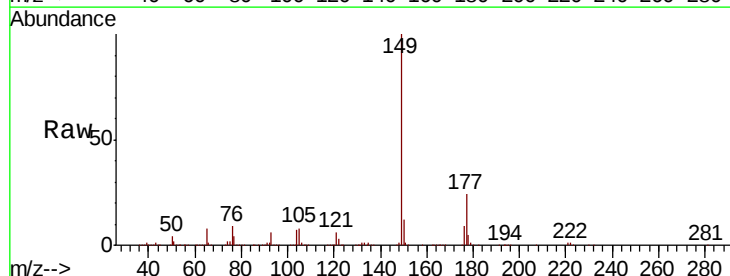


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

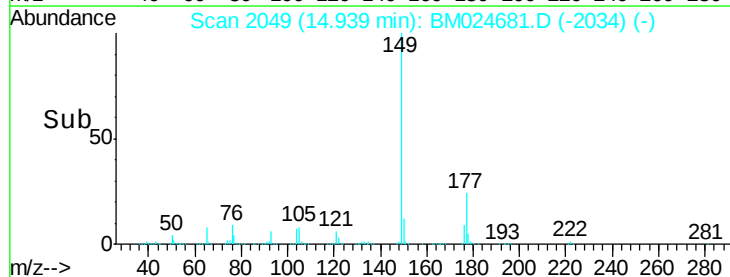
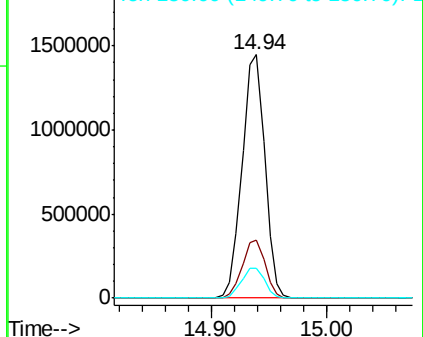


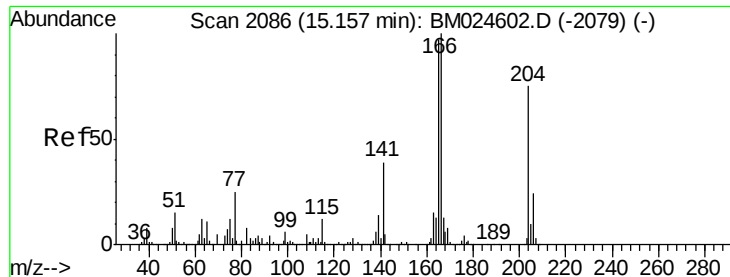
#60
Diethylphthalate
Concen: 48.077 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.0	27.0
150	12.5	10.2	15.4



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





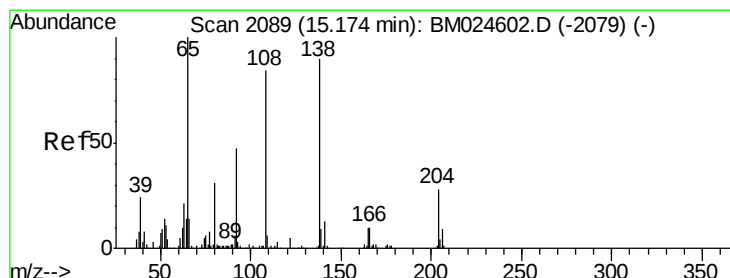
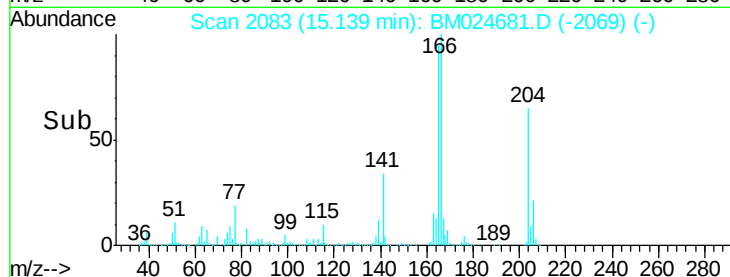
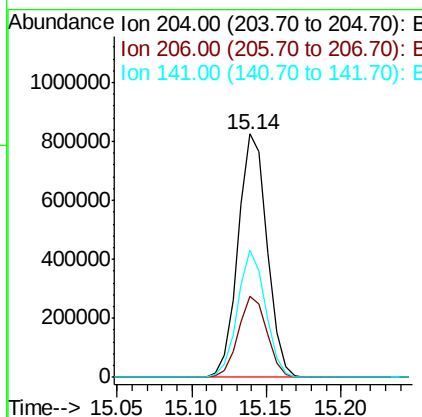
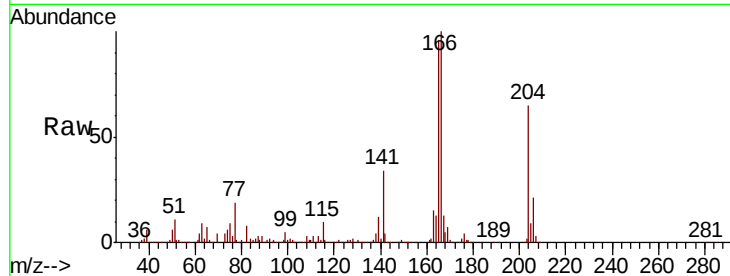
#61
4-Chlorophenyl-phenylether
Concen: 49.371 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion:204 Resp: 1112570
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 52.0 42.2 63.2

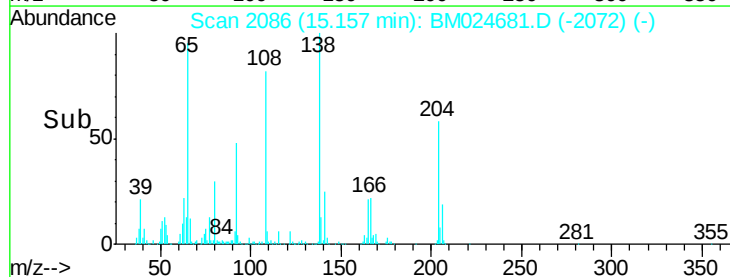
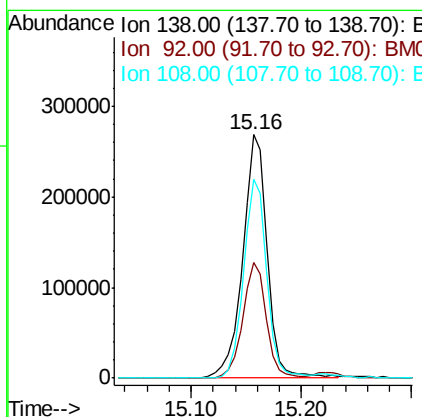
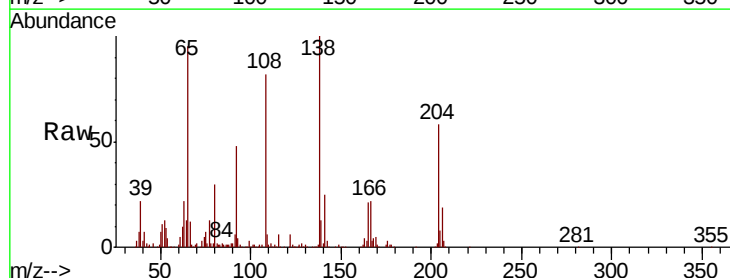
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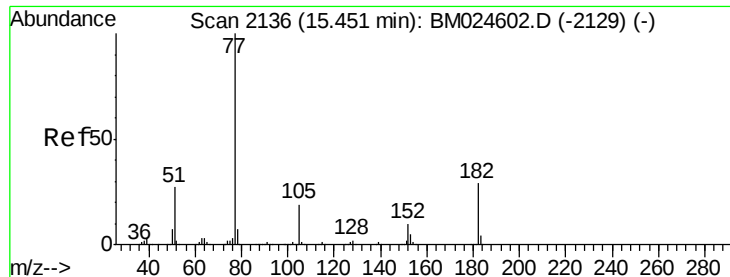
mohammad
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#62
4-Nitroaniline
Concen: 42.439 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:138 Resp: 419748
Ion Ratio Lower Upper
138 100
92 47.7 32.4 72.4
108 81.8 73.3 113.3





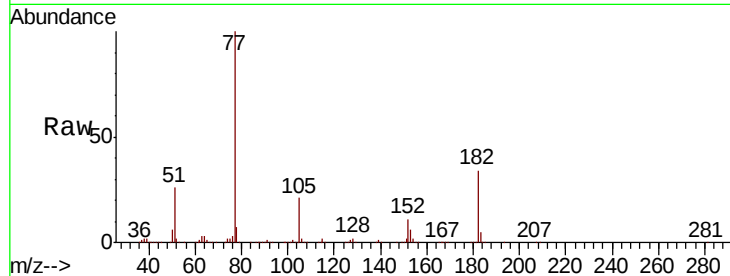
#63
Azobenzene
Concen: 42.885 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	77	Resp	1509068
Ion	Ratio	Lower	Upper
77	100		
182	34.2	8.7	48.7
105	21.1	0.0	39.2
51	25.6	7.5	47.5

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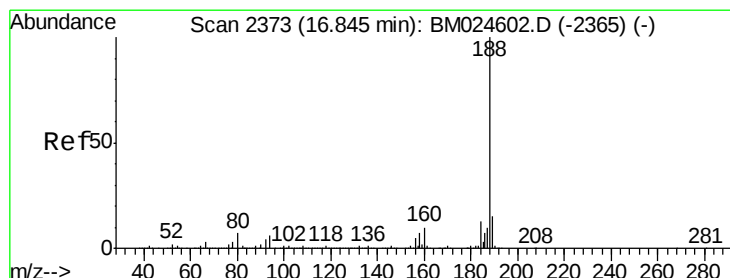
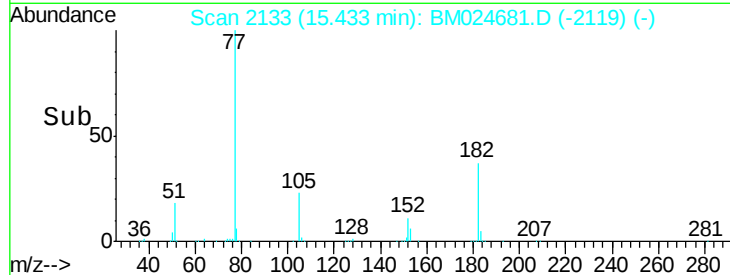
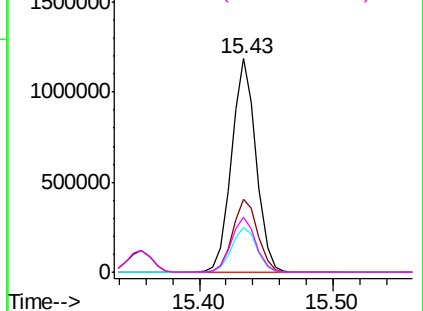


Abundance Ion 77.00 (76.70 to 77.70): BM024681.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM024681.D (-2119) (-)



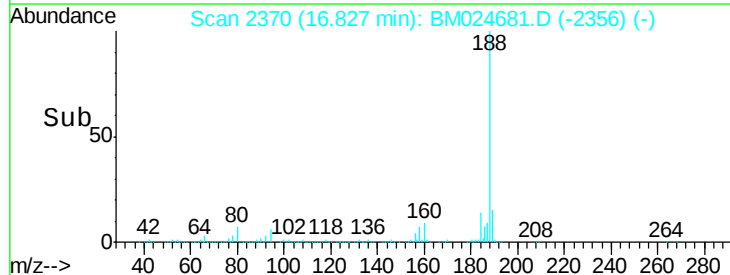
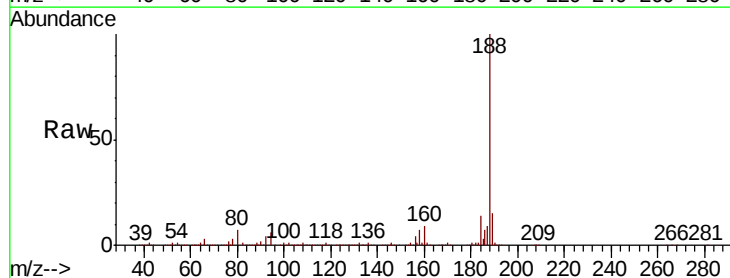
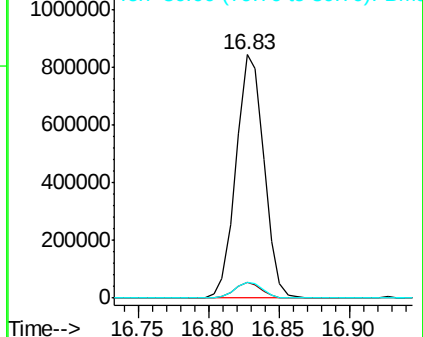
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

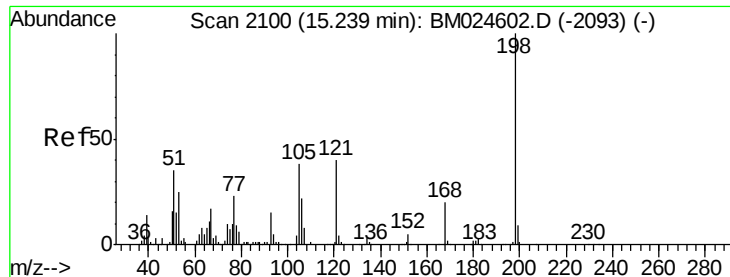
Tgt Ion	188	Resp	1167687
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.6
80	6.7	5.8	8.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM024681.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024681.D (-2356) (-)





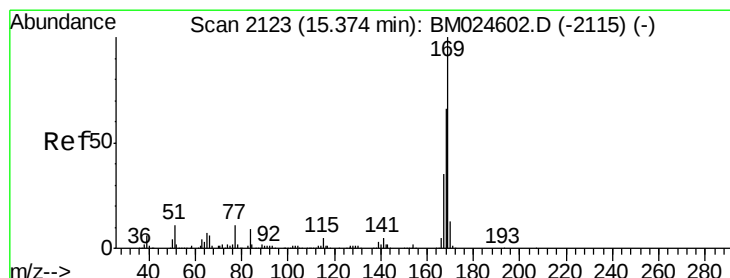
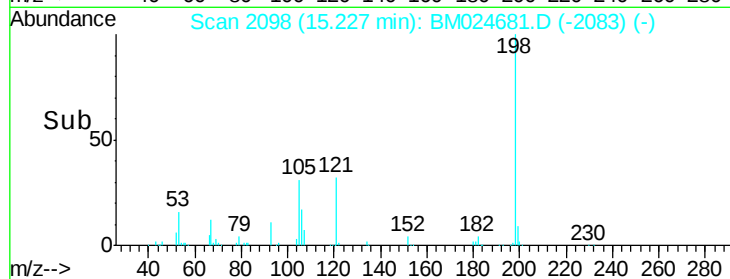
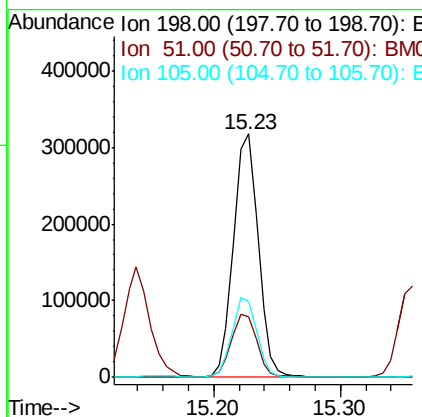
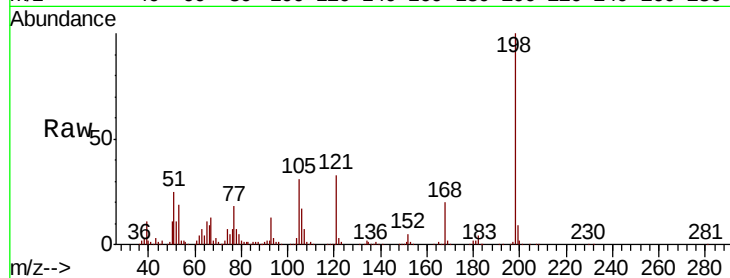
#65
4,6-Dinitro-2-methylphenol
Concen: 62.820 ng
RT: 15.23 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	24.9	15.8	55.8
105	31.3	18.5	58.5

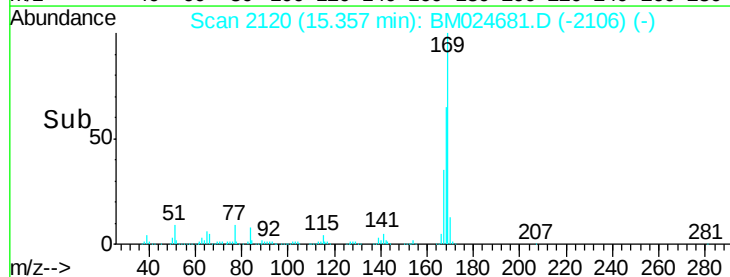
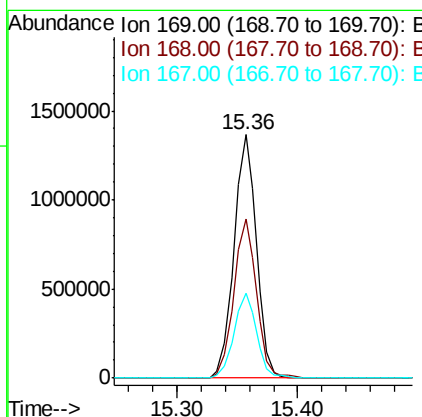
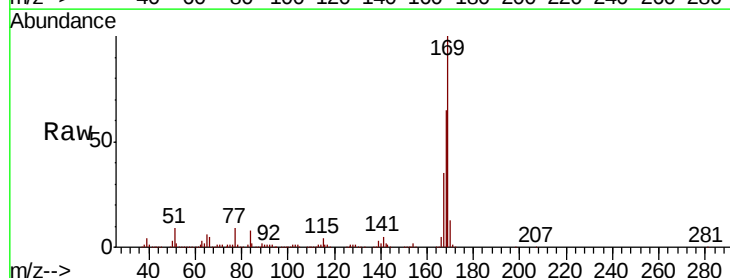
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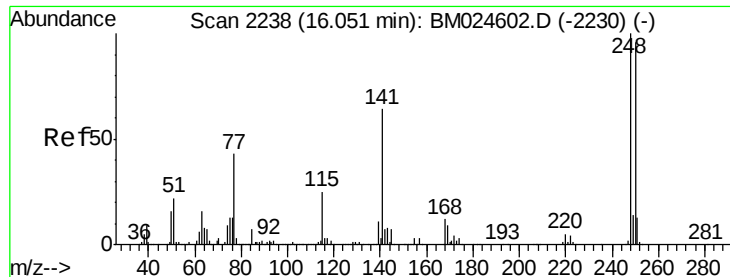
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#66
n-Nitrosodiphenylamine
Concen: 52.804 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.3	52.8	79.2
167	34.7	28.2	42.2





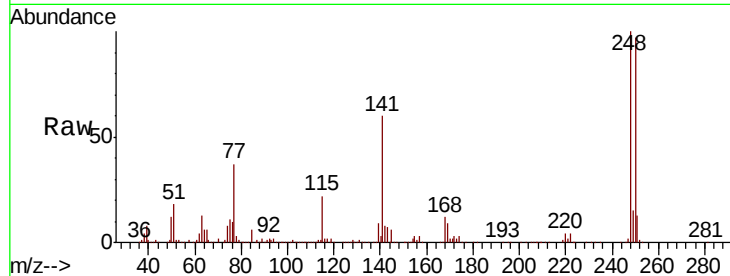
#67
4-Bromophenyl-phenylether
Concen: 51.446 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	59.9	50.9	76.3

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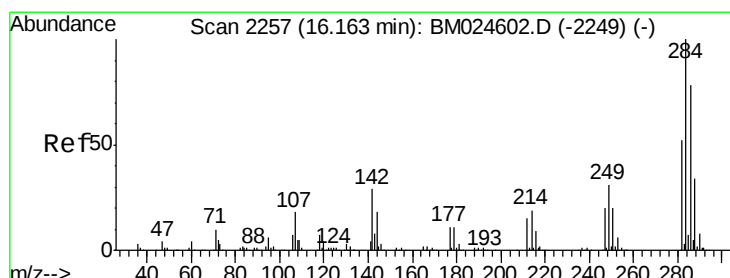
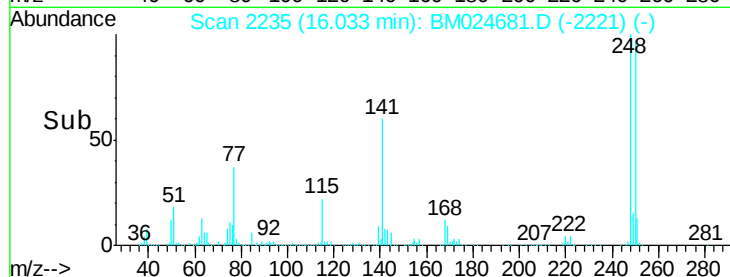
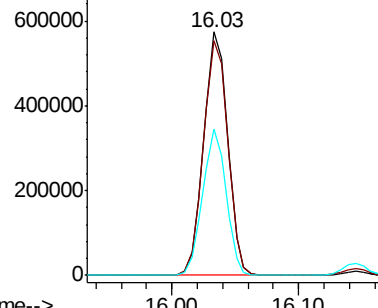


Abundance

Ion 248.00 (247.70 to 248.70): E

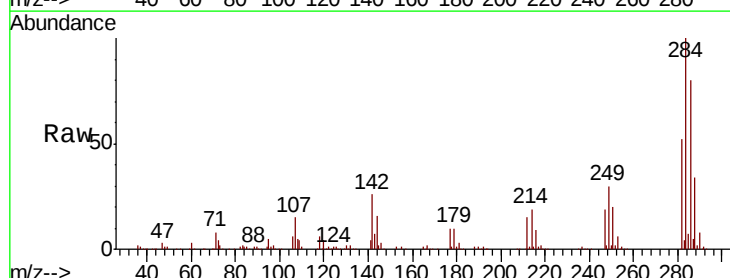
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 52.557 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	23.5	35.3
249	30.3	24.6	36.8

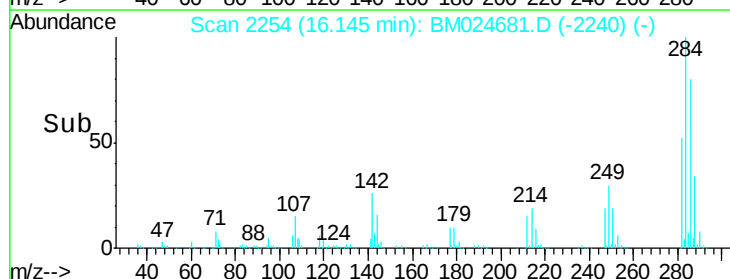
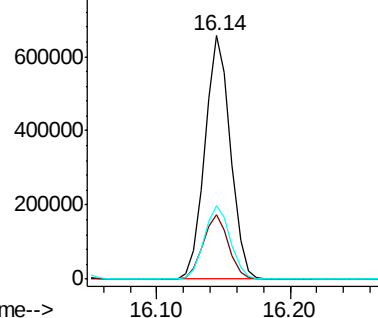


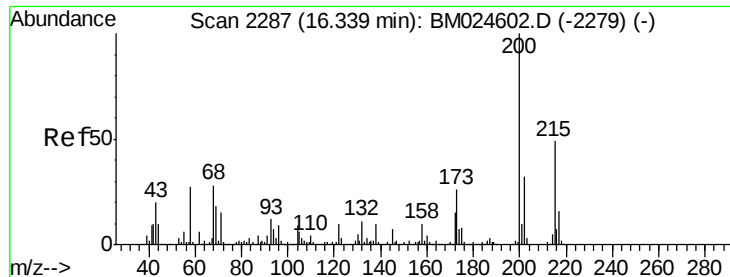
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





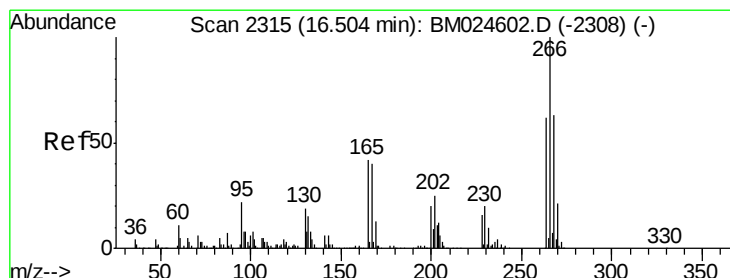
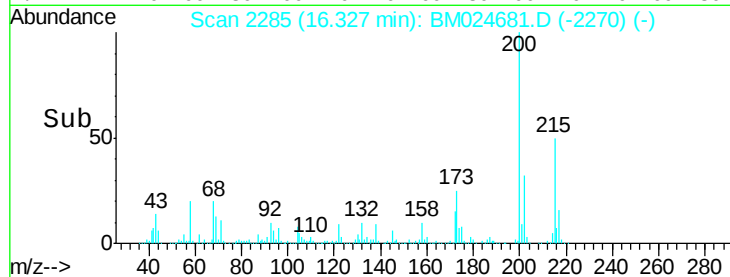
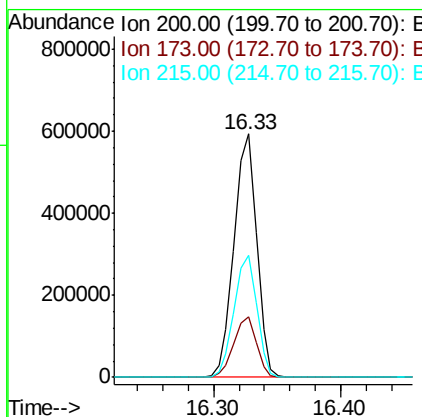
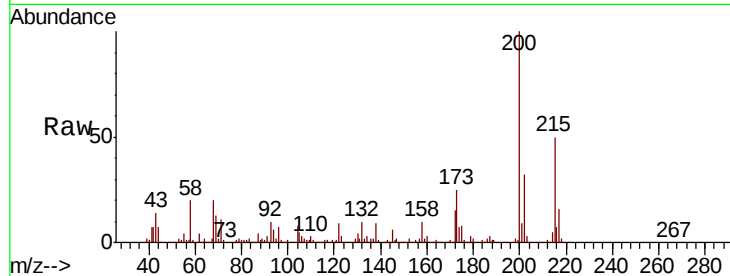
#69
 Atrazine
 Concen: 56.969 ng
 RT: 16.33 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB126499BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.8	5.5	45.5
215	49.9	29.4	69.4

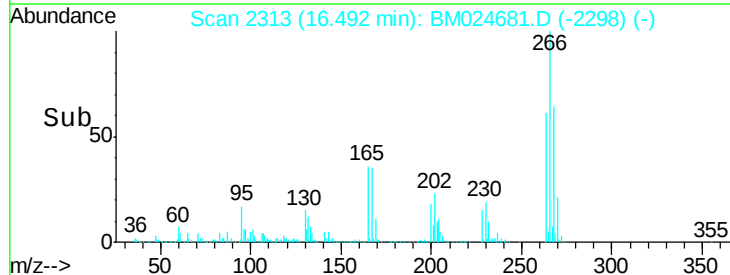
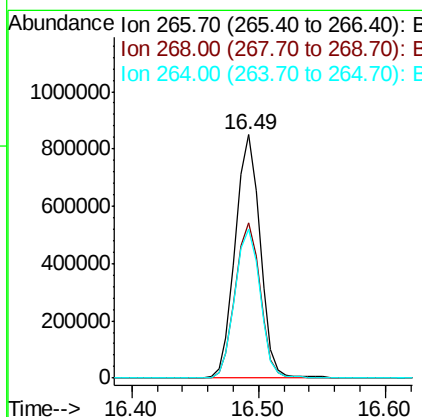
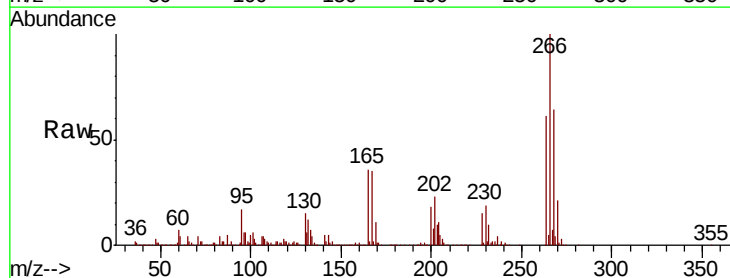
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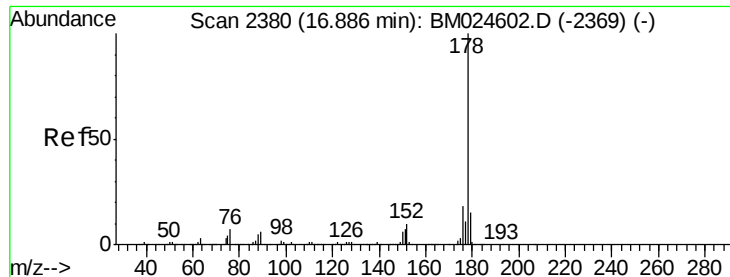
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#70
 Pentachlorophenol
 Concen: 113.793 ng
 RT: 16.49 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	50.4	75.6
264	61.2	49.9	74.9





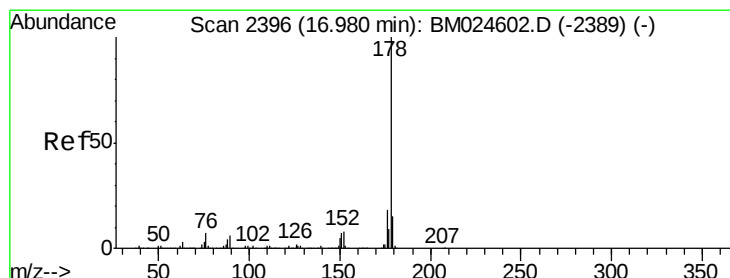
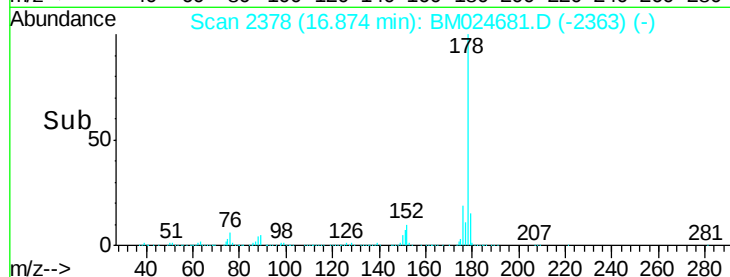
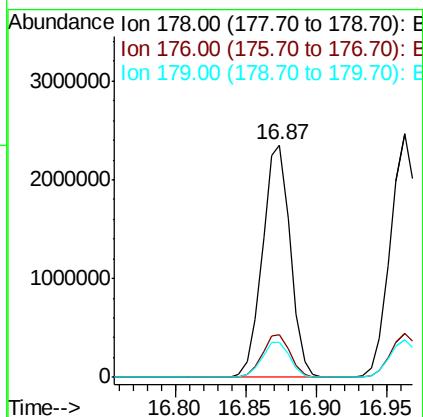
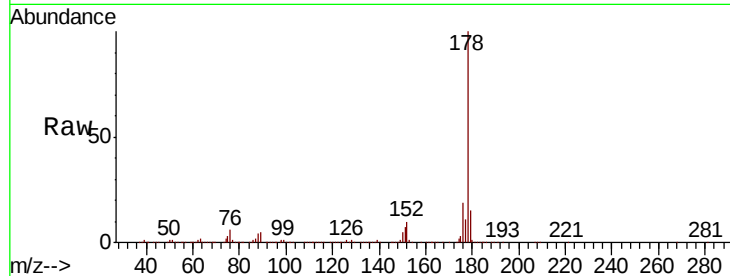
#71
Phenanthrene
Concen: 51.773 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.3	11.9	17.9

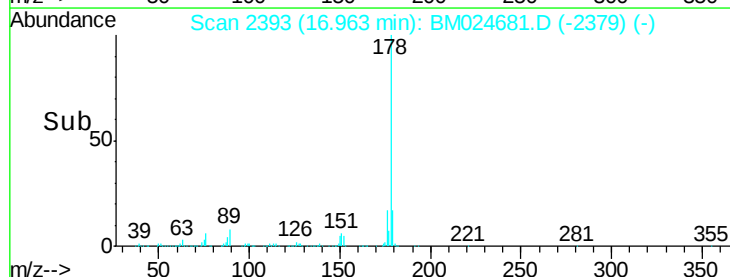
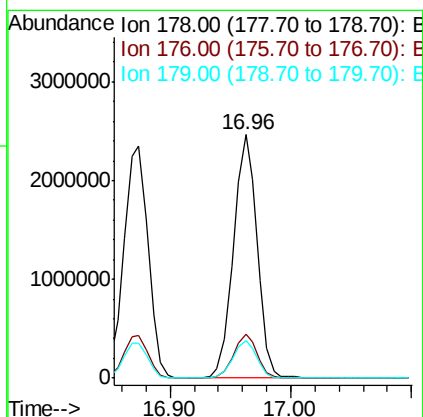
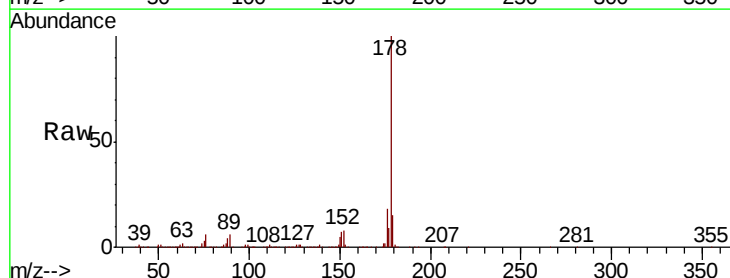
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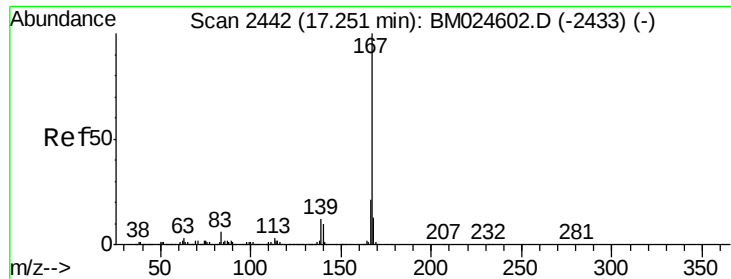
mohammad
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#72
Anthracene
Concen: 54.087 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.4	12.1	18.1





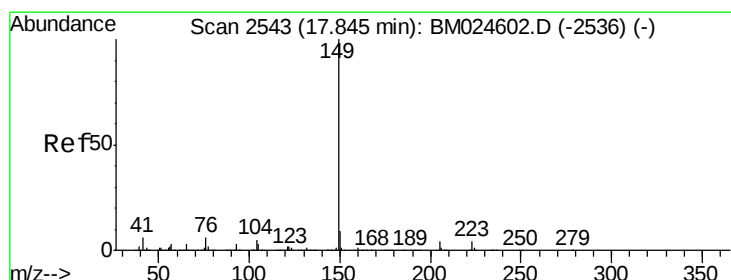
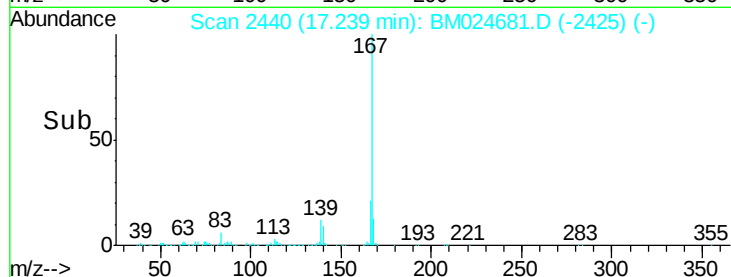
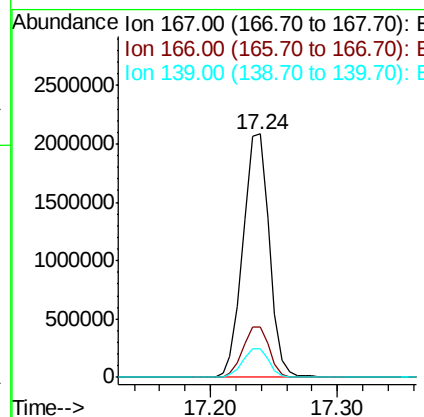
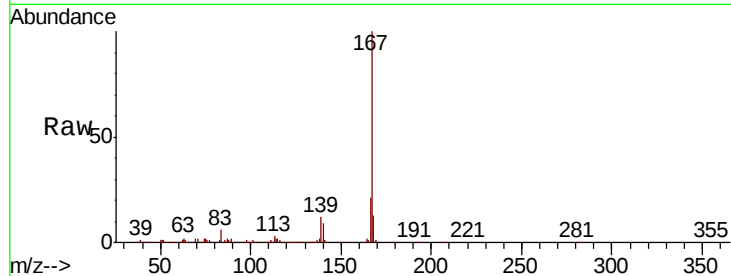
#73
 Carbazole
 Concen: 53.207 ng
 RT: 17.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB126499BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	11.6	9.8	14.8

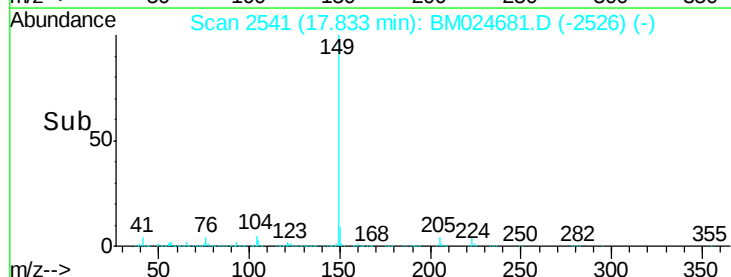
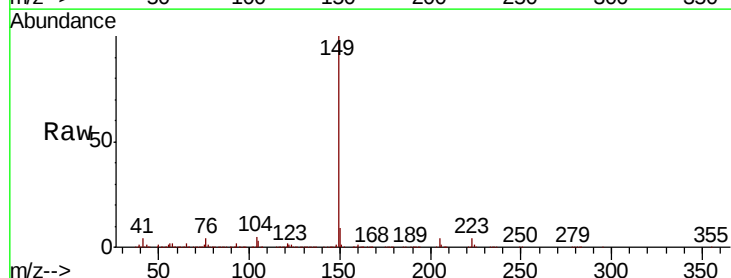
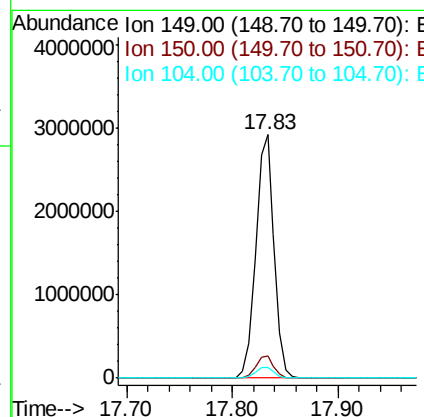
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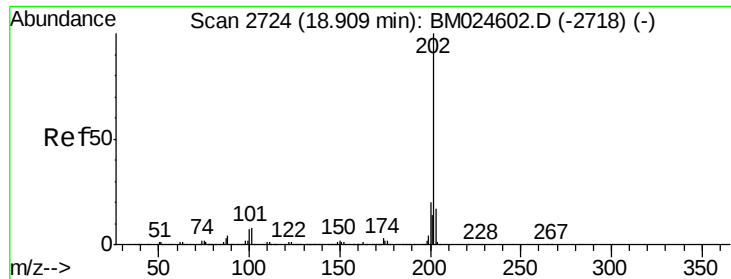
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.563 ng
 RT: 17.83 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.6	4.3	6.5





#75

Fluoranthene

Concen: 53.558 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

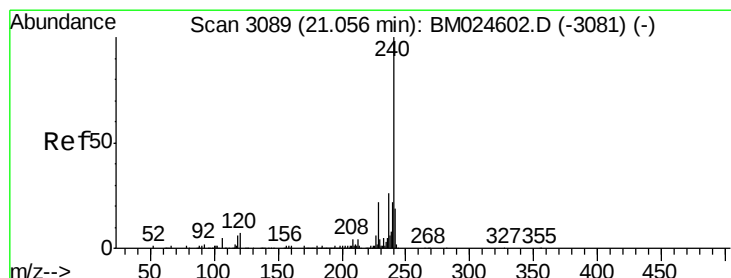
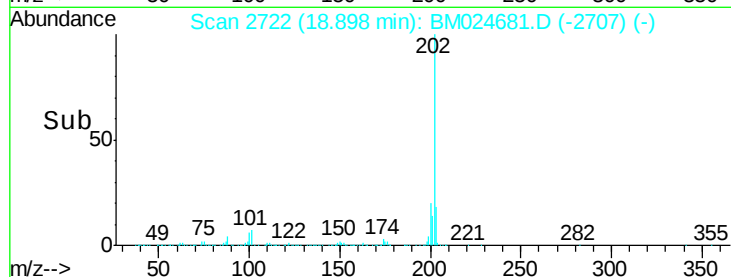
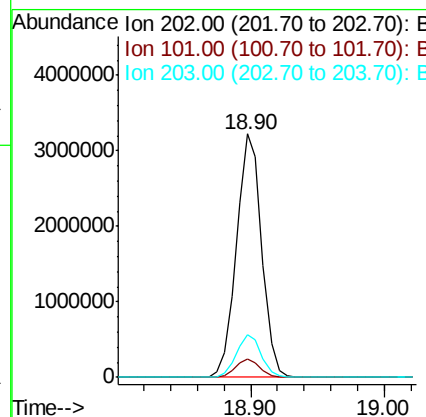
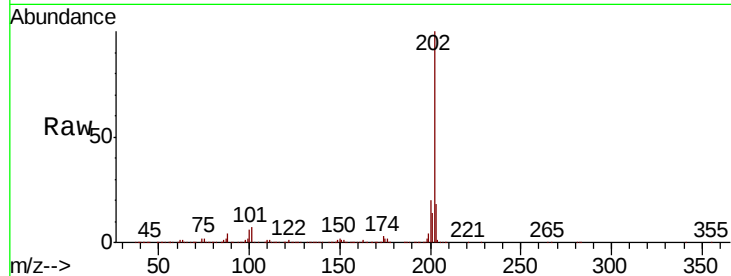
ClientSampleId :

PB126499BSD

Tot Ion:	202	Resp:	4226849
Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.4
203	17.5	0.0	37.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

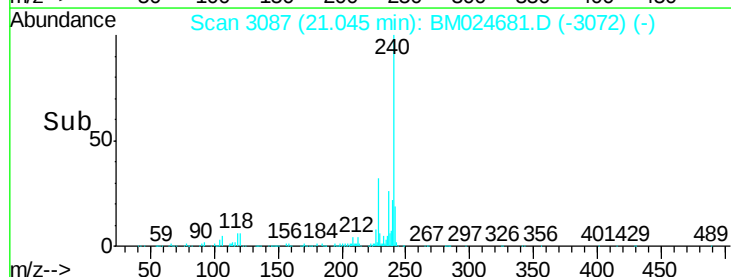
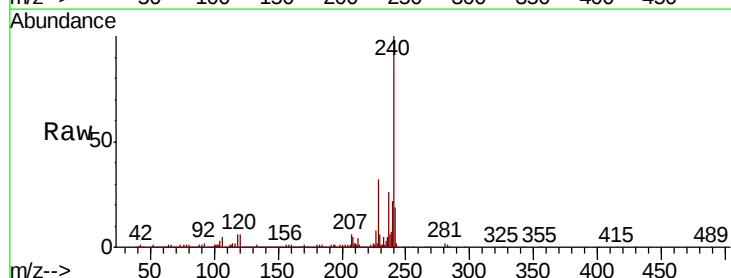
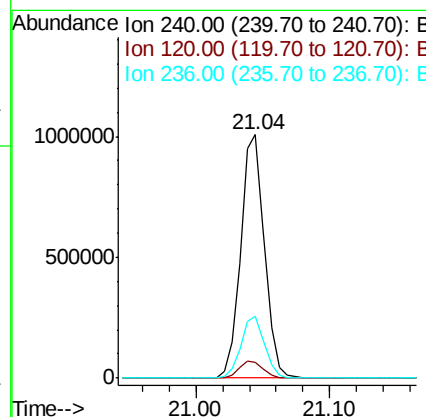
RT: 21.04 min Scan# 3087

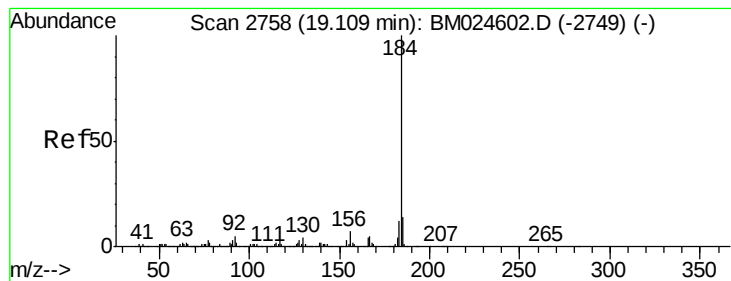
Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:	240	Resp:	1242395
Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	25.6	20.6	31.0





#77

Benzidine

Concen: 46.632 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

PB126499BSD

Tot Ion:184 Resp: 1349236

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

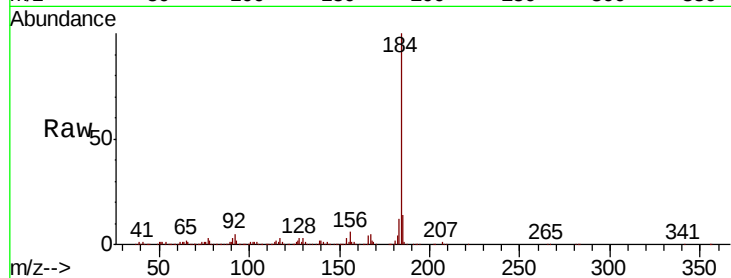
183 11.5 9.6 14.4

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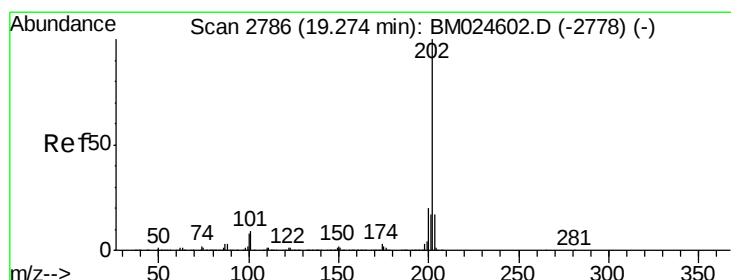
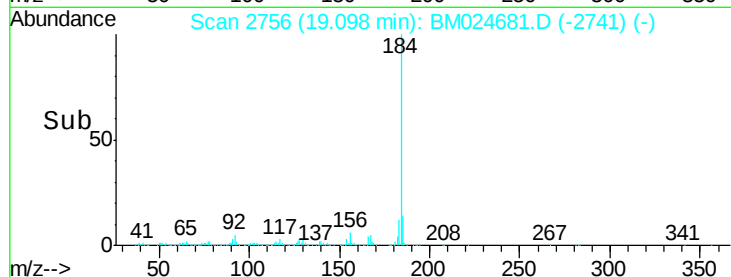
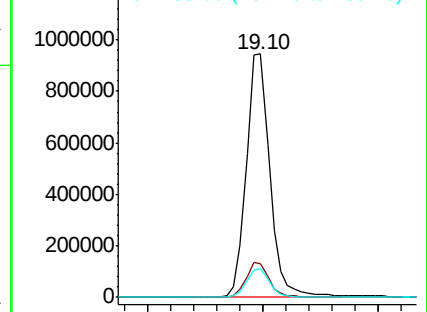
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.741 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

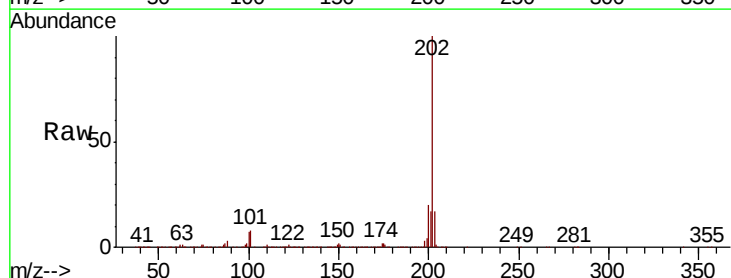
Tgt Ion:202 Resp: 4319670

Ion Ratio Lower Upper

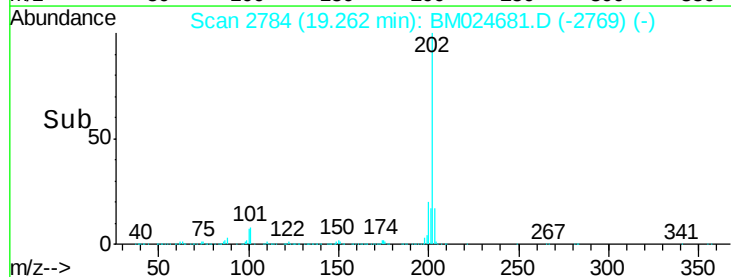
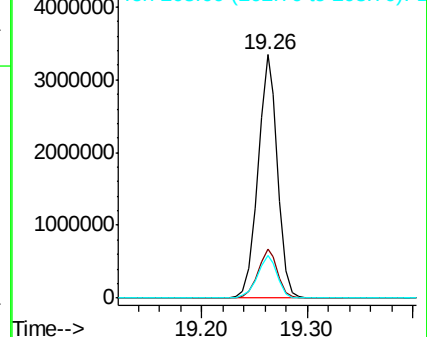
202 100

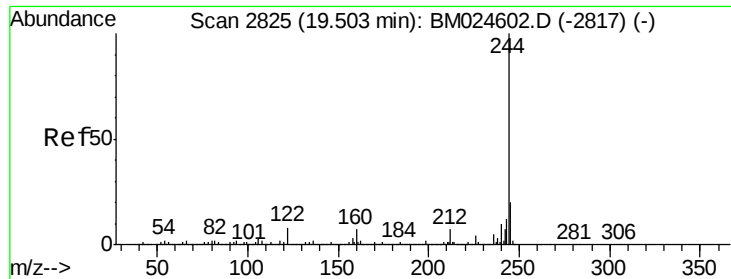
200 20.2 16.2 24.2

203 17.3 14.0 21.0



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: 108.904 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

PB126499BSD

Tot Ion:244 Resp: 7247426

Ion Ratio Lower Upper

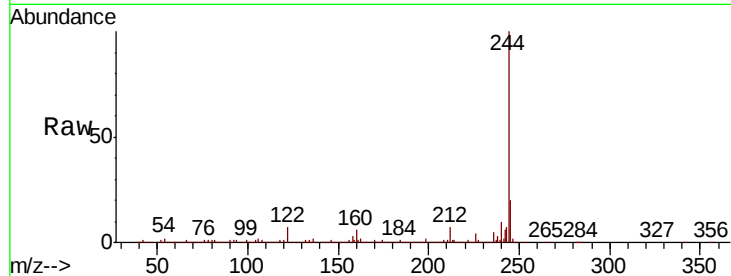
244 100

212 6.5 5.4 8.2

122 6.7 6.2 9.4

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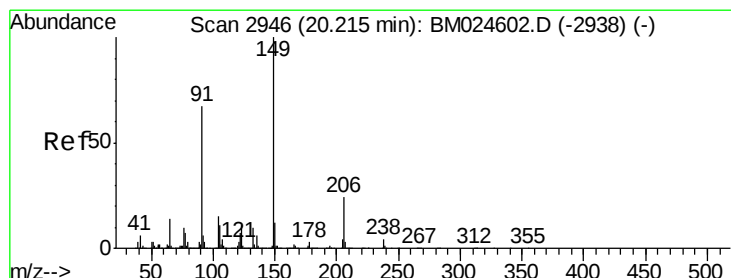
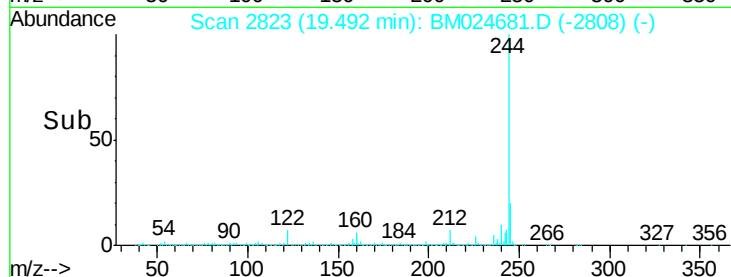
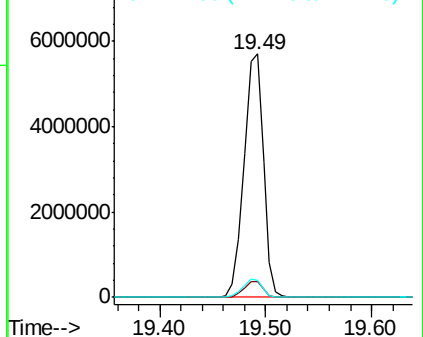
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.902 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

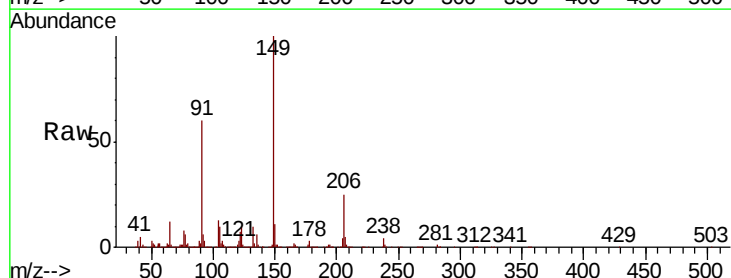
Tgt Ion:149 Resp: 1646296

Ion Ratio Lower Upper

149 100

91 60.3 53.9 80.9

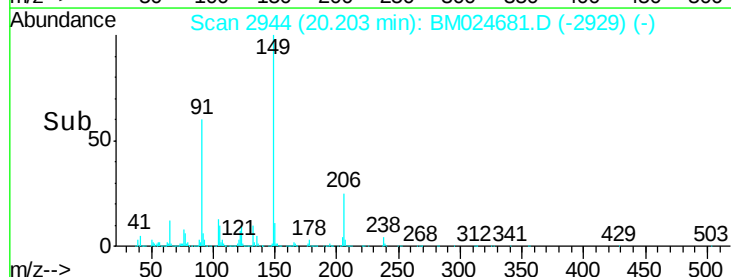
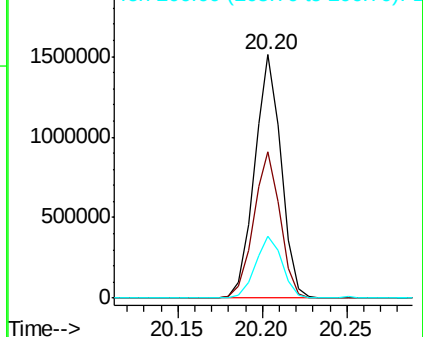
206 25.3 19.0 28.6

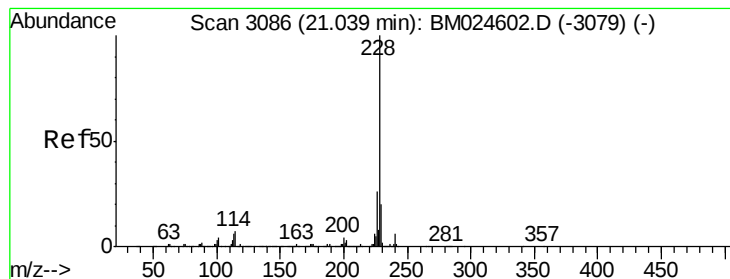


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.168 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

PB126499BSD

Tot Ion:228 Resp: 4412181

Ion Ratio Lower Upper

228 100

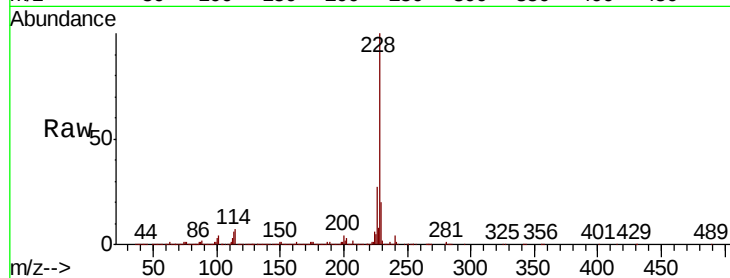
226 27.0 21.1 31.7

229 19.9 15.8 23.6

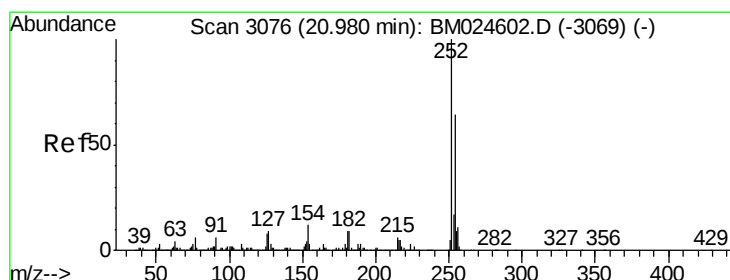
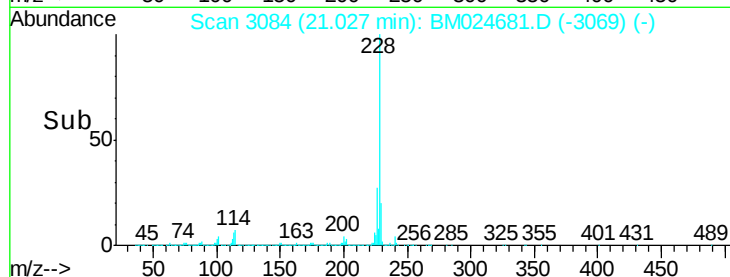
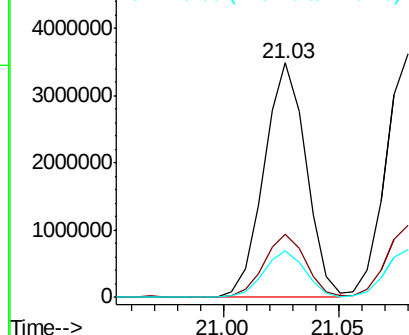
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Abundance Ion 228.00 (227.70 to 228.70): E
5000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.007 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

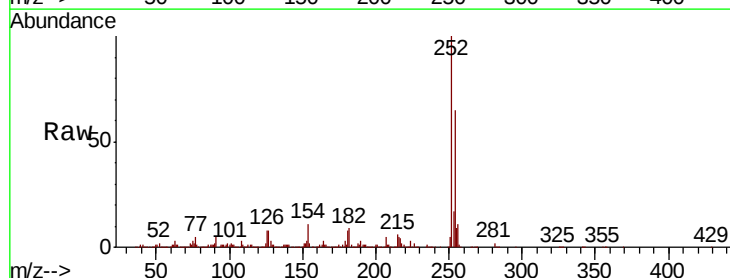
Tgt Ion:252 Resp: 1334017

Ion Ratio Lower Upper

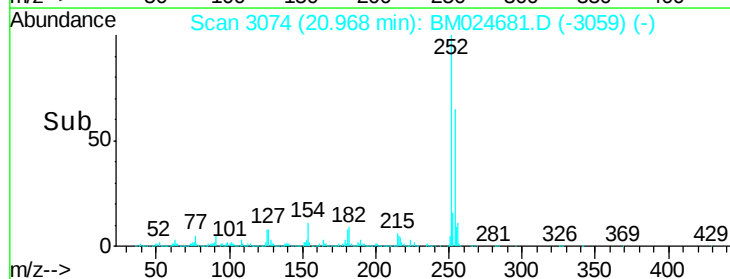
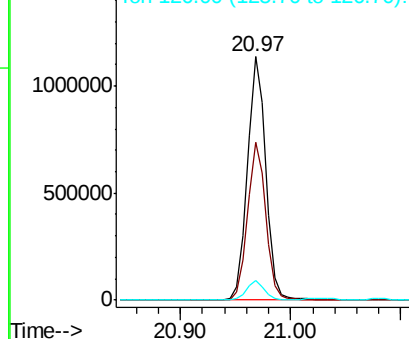
252 100

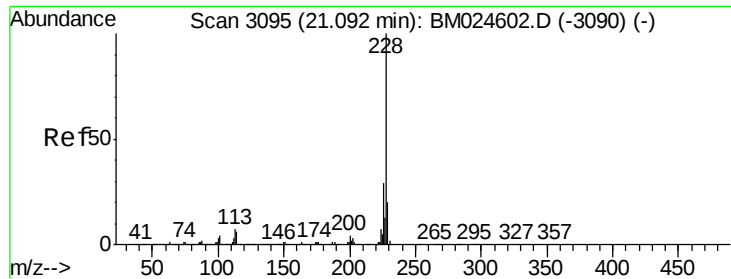
254 64.6 51.5 77.3

126 7.9 6.7 10.1



Abundance Ion 252.00 (251.70 to 252.70): E
1500000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





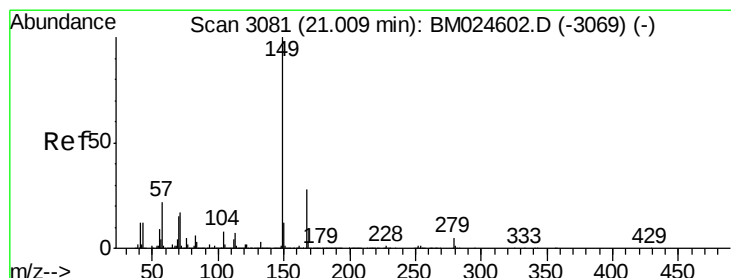
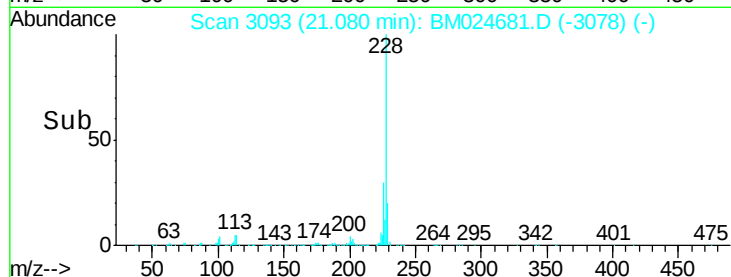
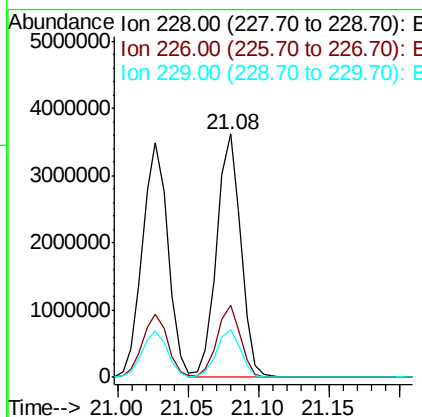
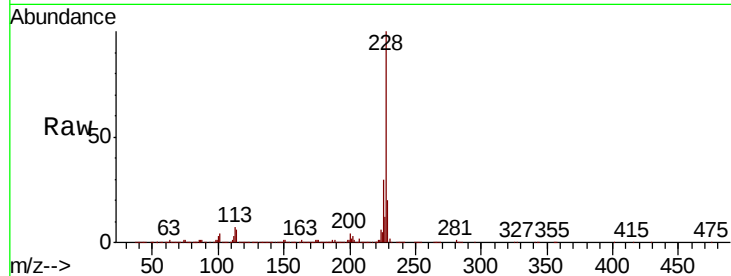
#83
Chrysene
Concen: 52.018 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion:228 Resp: 4280093
Ion Ratio Lower Upper
228 100
226 29.5 23.2 34.8
229 19.7 15.7 23.5

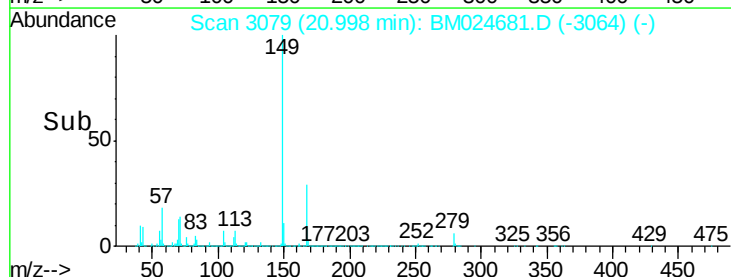
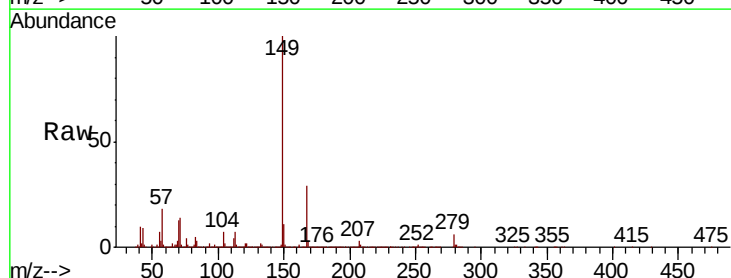
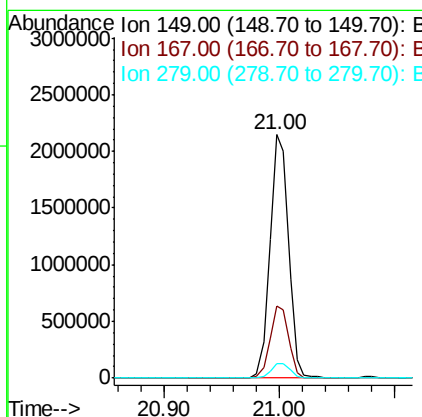
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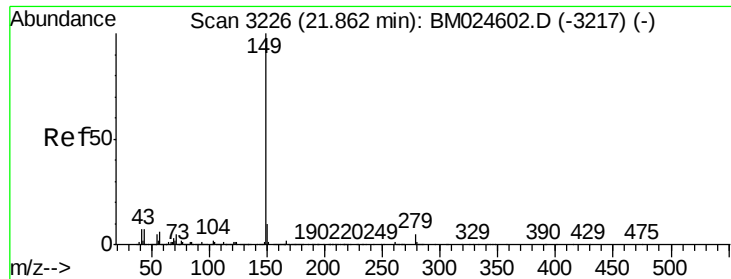
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.527 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:149 Resp: 2410111
Ion Ratio Lower Upper
149 100
167 29.4 22.5 33.7
279 5.7 4.0 6.0





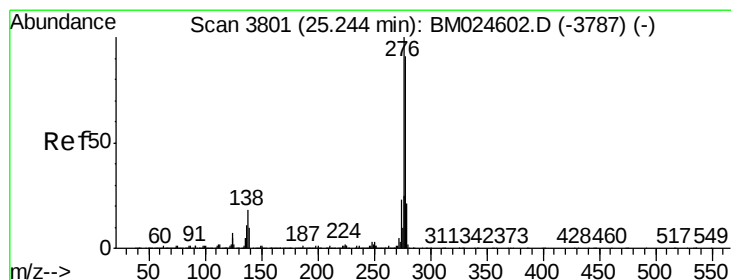
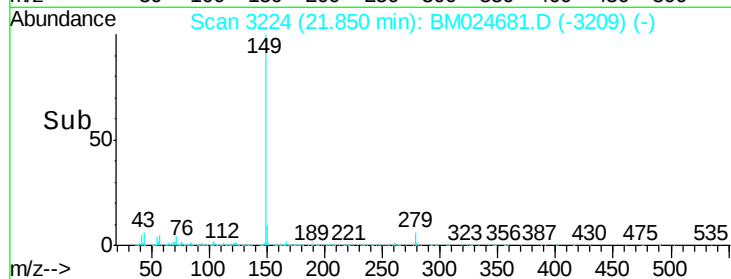
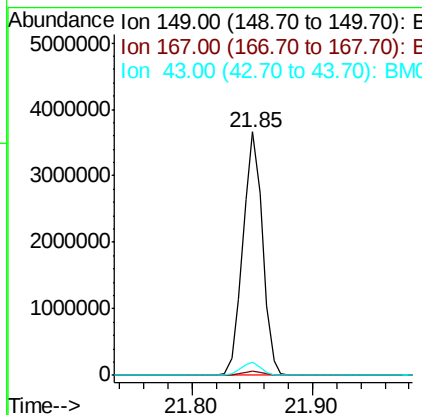
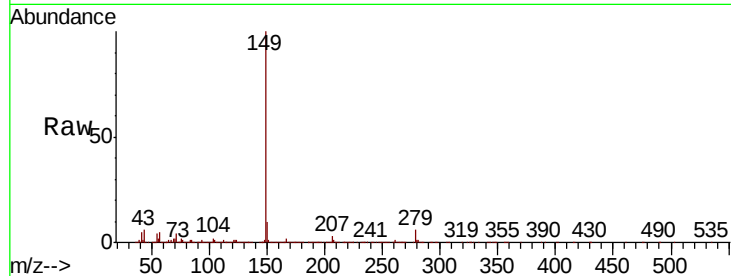
#85
Di-n-octyl phthalate
Concen: 49.722 ng
RT: 21.85 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.6	5.8	8.6

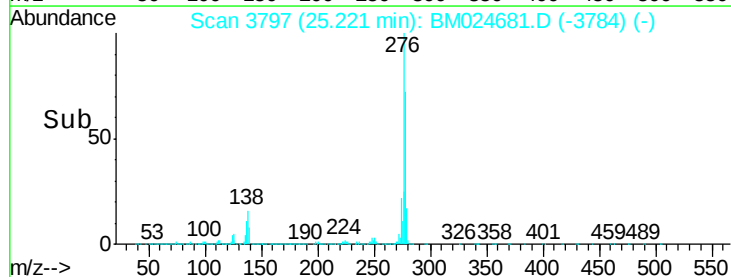
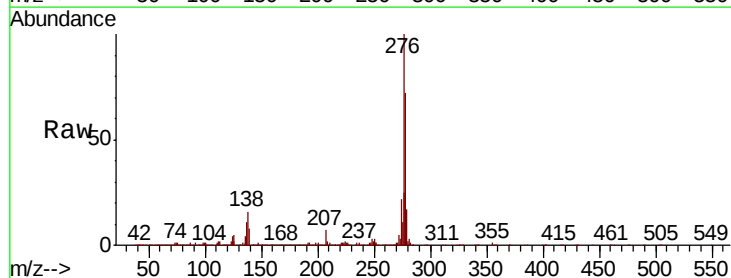
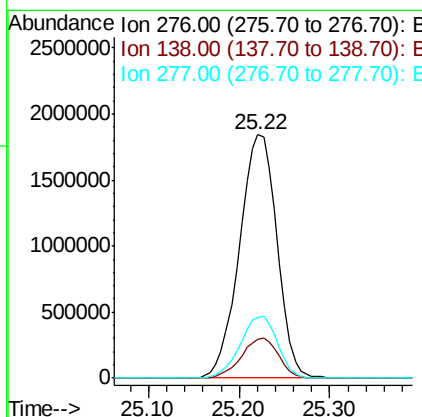
Manual Integrations
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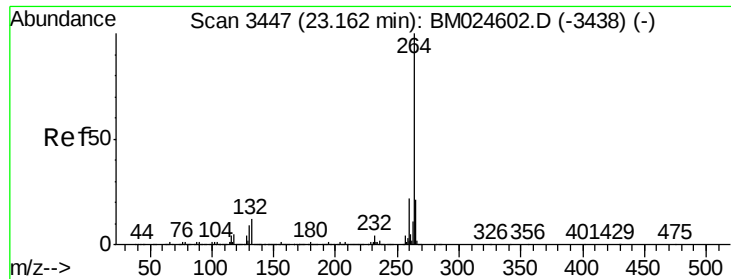
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.112 ng
RT: 25.22 min Scan# 3797
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.4	20.0
277	25.3	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

PB126499BSD

Tot Ion:264 Resp: 1418444

Ion Ratio Lower Upper

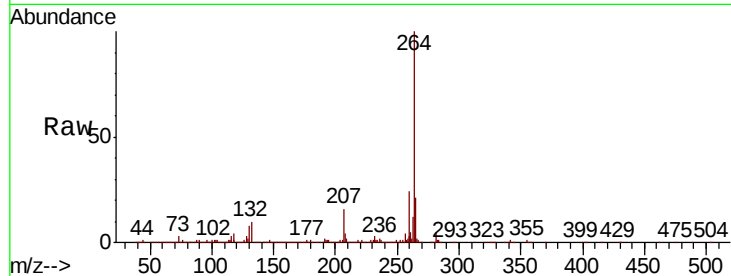
264 100

260 23.5 17.9 26.9

265 21.2 17.3 25.9

Manual Integrations
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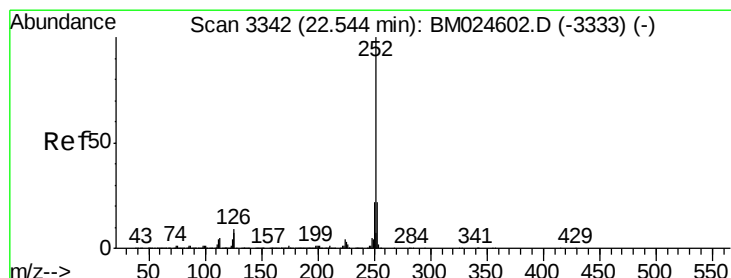
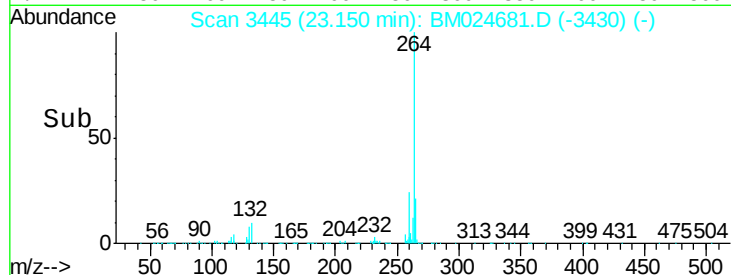
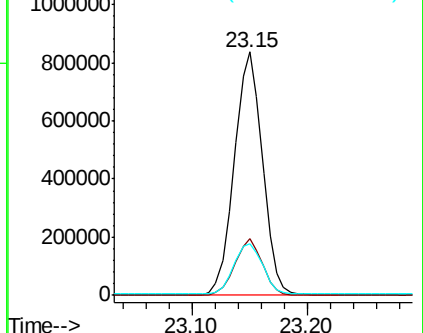


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.264 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

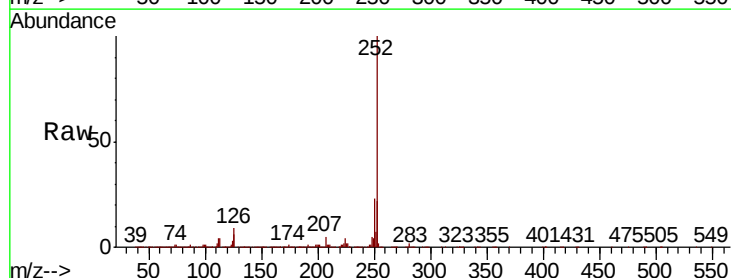
Tgt Ion:252 Resp: 4808119

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 6.5 5.7 8.5

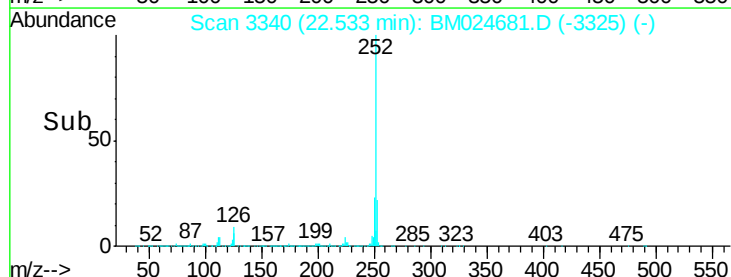
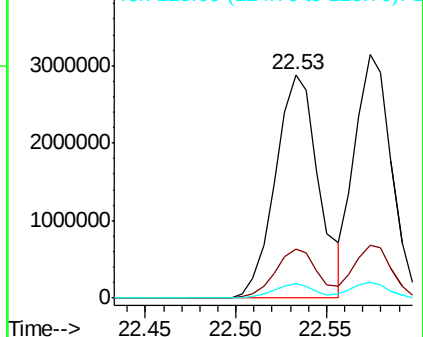


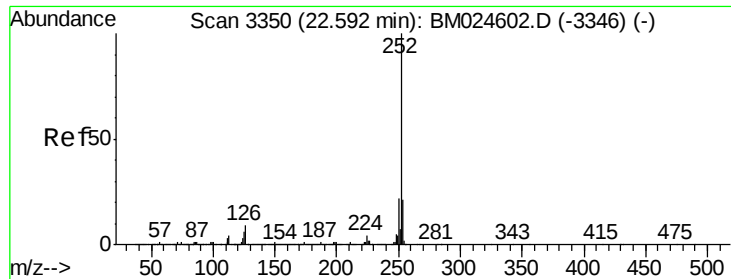
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





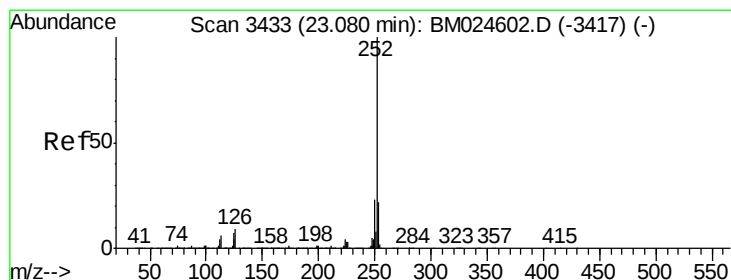
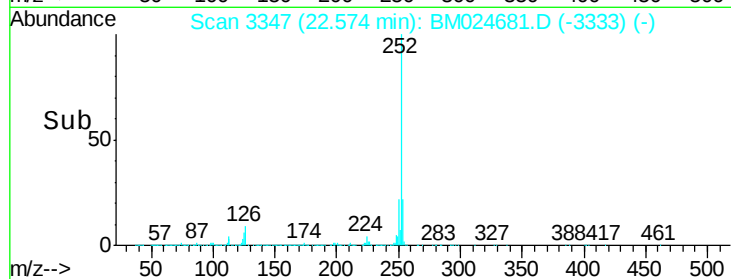
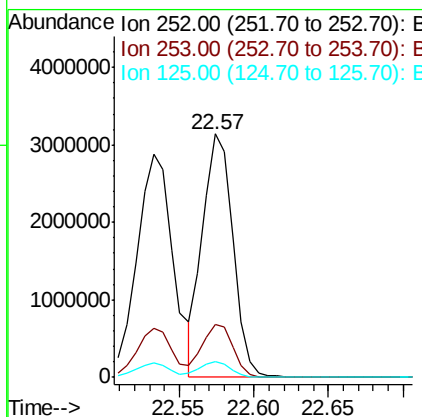
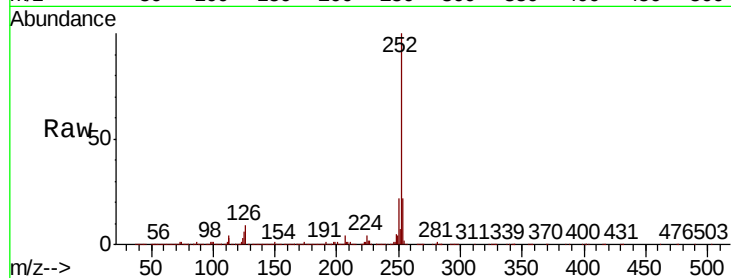
#89
Benzo(k)fluoranthene
Concen: 49.246 ng
RT: 22.57 min Scan# 3347
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	6.4	5.2	7.8

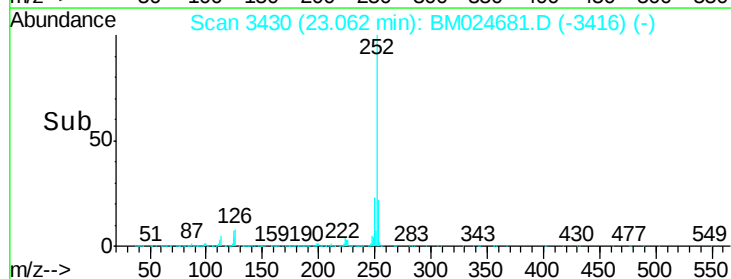
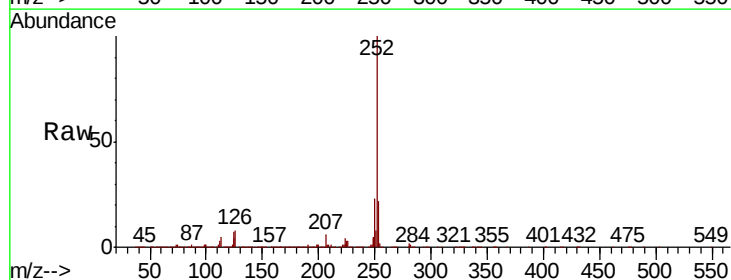
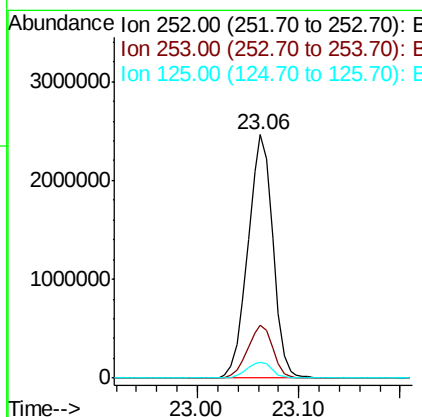
Manual Integrations
APPROVED

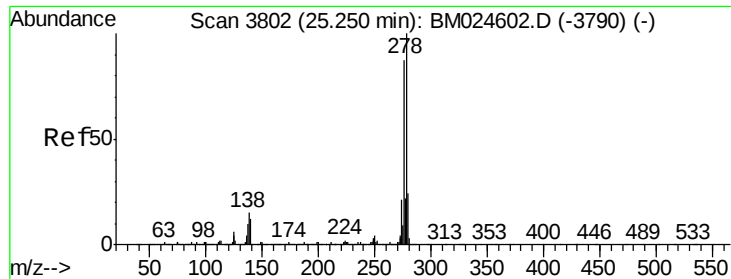
mohammad
2/3/2020 4:11:12 PM



#90
Benzo(a)pyrene
Concen: 50.055 ng
RT: 23.06 min Scan# 3430
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	6.7	5.8	8.8





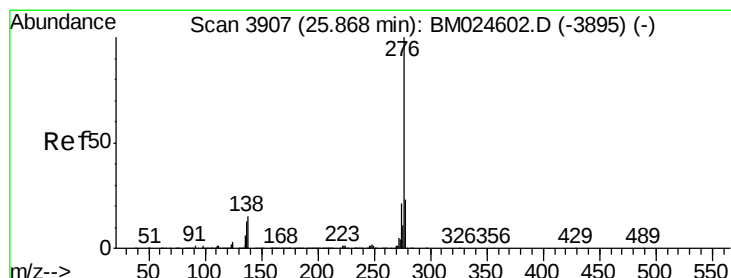
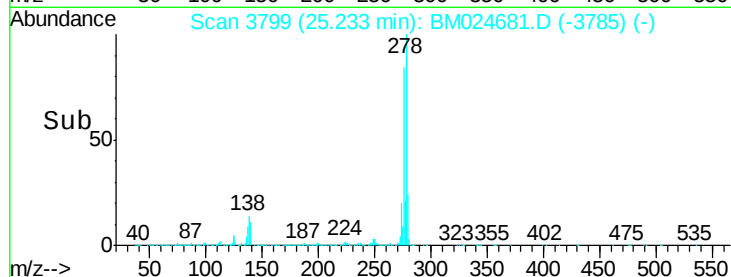
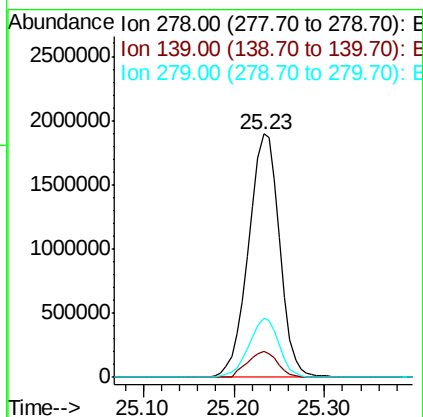
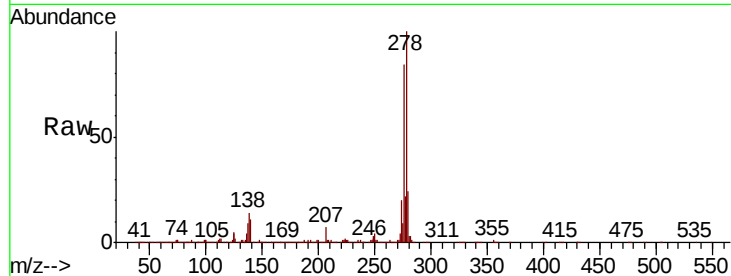
#91
Dibenzo(a,h)anthracene
Concen: 56.906 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :
PB126499BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.3	13.9
279	24.1	18.9	28.3

Manual Integrations
APPROVED

mohammad
2/3/2020 4:11:12 PM



#92
Benzo(g,h,i)perylene
Concen: 61.987 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	13.2	11.9	17.9

