

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024663.D
 Acq On : 30 Jan 2020 17:57
 Operator : CG/JU
 Sample : PB126427BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Manual Integrations
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mohammad
 2/3/2020 7:55:35 AM

Quant Time: Jan 30 23:48:35 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	7.43	152	174952	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	607300	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	390161	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	852863	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	964829	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1234796	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1017676	110.62	ng	0.00
7) Phenol-d6	6.63	99	1246410	98.35	ng	-0.01
23) Nitrobenzene-d5	8.57	82	719713	58.12	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	707774	111.52	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	1926764	67.14	ng	-0.02
79) Terphenyl-d14	19.49	244	3243174	62.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	128542	35.323	ng	91
3) Pyridine	3.44	79	312507	29.623	ng	95
4) n-Nitrosodimethylamine	3.35	42	137595	29.385	ng	80
6) Aniline	6.77	93	429577	27.845	ng	96
8) 2-Chlorophenol	7.00	128	410160	39.165	ng	90
9) Benzaldehyde	6.58	77	191541	25.579	ng	91
10) Phenol	6.66	94	446077	35.312	ng	95
11) bis(2-Chloroethyl)ether	6.87	93	339783	33.599	ng	95
12) 1,3-Dichlorobenzene	7.32	146	490338	38.113	ng	95
13) 1,4-Dichlorobenzene	7.46	146	498707	38.209	ng	98
14) 1,2-Dichlorobenzene	7.77	146	476123	37.792	ng	98
15) Benzyl Alcohol	7.67	79	325583	31.160	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.97	45	250621	27.071	ng	95
17) 2-Methylphenol	7.88	107	311511	34.993	ng	94
18) Hexachloroethane	8.49	117	174545	34.632	ng	93
19) n-Nitroso-di-n-propylamine	8.24	70	260030	27.328	ng	96
20) 3+4-Methylphenols	8.21	107	410706	33.329	ng	96
22) Acetophenone	8.24	105	556087	35.511	ng	98
24) Nitrobenzene	8.61	77	411984	34.717	ng	93
25) Isophorone	9.14	82	701110	33.321	ng	96
26) 2-Nitrophenol	9.32	139	227885	41.472	ng	89
27) 2,4-Dimethylphenol	9.40	122	344040	46.074	ng	94
28) bis(2-Chloroethoxy)methane	9.63	93	431161	33.544	ng	99
29) 2,4-Dichlorophenol	9.85	162	407018	40.345	ng	97
30) 1,2,4-Trichlorobenzene	10.06	180	499686	41.069	ng	99
31) Naphthalene	10.24	128	1209094	39.419	ng	99
32) Benzoic acid	9.53	122	234631m	34.350	ng	
33) 4-Chloroaniline	10.35	127	237851	17.691	ng	95
34) Hexachlorobutadiene	10.54	225	330716	39.320	ng	96
35) Caprolactam	11.12	113	111516m	34.455	ng	
36) 4-Chloro-3-methylphenol	11.50	107	359932	33.553	ng	91
37) 2-Methylnaphthalene	11.86	142	900477	38.041	ng	98
38) 1-Methylnaphthalene	12.09	142	845693	37.559	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	555520	39.894	ng	99

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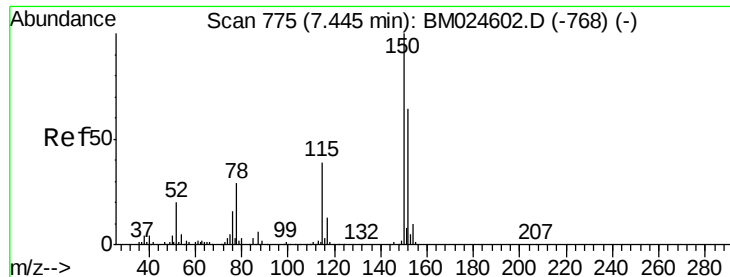
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	733234	93.943	nq	100
43) 2,4,6-Trichlorophenol	12.50	196	356054	40.181	nq	98
44) 2,4,5-Trichlorophenol	12.57	196	375000	41.438	nq #	94
46) 1,1'-Biphenyl	12.90	154	1142295	38.687	nq	99
47) 2-Chloronaphthalene	12.94	162	935587	39.250	nq	97
48) 2-Nitroaniline	13.15	65	210139	28.905	nq	88
49) Acenaphthylene	13.80	152	1421493	39.836	nq	100
50) Dimethylphthalate	13.56	163	1115526	35.358	nq	100
51) 2,6-Dinitrotoluene	13.66	165	250487	37.344	nq #	82
52) Acenaphthene	14.15	154	842757	38.060	nq	99
53) 3-Nitroaniline	13.99	138	153111	22.008	nq	92
54) 2,4-Dinitrophenol	14.20	184	297543	74.179	nq #	87
55) Dibenzofuran	14.49	168	1400196	38.773	nq	97
56) 4-Nitrophenol	14.32	139	424421	78.045	nq #	85
57) 2,4-Dinitrotoluene	14.46	165	345008	35.889	nq #	86
58) Fluorene	15.14	166	1103729	36.369	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	352367	38.396	nq	96
60) Diethylphthalate	14.94	149	1054856	32.934	nq	98
61) 4-Chlorophenyl-phenylether	15.15	204	620624	35.472	nq	97
62) 4-Nitroaniline	15.16	138	230324	29.993	nq	88
63) Azobenzene	15.44	77	829314	30.354	nq	92
65) 4,6-Dinitro-2-methylphenol	15.23	198	213988	42.673	nq	85
66) n-Nitrosodiphenylamine	15.36	169	967694	39.500	nq	99
67) 4-Bromophenyl-phenylether	16.04	248	406644	38.341	nq	96
68) Hexachlorobenzene	16.15	284	479354	39.385	nq	95
69) Atrazine	16.33	200	381038	40.520	nq	97
70) Pentachlorophenol	16.49	266	600906	81.055	nq	99
71) Phenanthrene	16.87	178	1785896	38.669	nq	99
72) Anthracene	16.97	178	1817432	40.218	nq	99
73) Carbazole	17.24	167	1594150	38.751	nq	99
74) Di-n-butylphthalate	17.83	149	1749769	33.271	nq	99
75) Fluoranthene	18.90	202	2239992	38.860	nq	99
77) Benzdine	19.10	184	1387245	61.739	nq	99
78) Pyrene	19.27	202	2322686	36.517	nq	99
80) Butylbenzylphthalate	20.20	149	826770	30.977	nq	94
81) Benzo(a)anthracene	21.03	228	2541763	37.957	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	816817	33.908	nq	98
83) Chrysene	21.08	228	2428921	38.012	nq	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1218105	30.932	nq #	98
85) Di-n-octyl phthalate	21.85	149	2191141	33.678	nq #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3563727	51.170	nq	98
88) Benzo(b)fluoranthene	22.54	252	2909332	36.328	nq	99
89) Benzo(k)fluoranthene	22.58	252	2814720	36.007	nq	100
90) Benzo(a)pyrene	23.07	252	2706209	37.167	nq	99
91) Dibenzo(a,h)anthracene	25.24	278	3030546	43.852	nq	98
92) Benzo(g,h,i)perylene	25.85	276	3037684	48.408	nq	98

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



#1

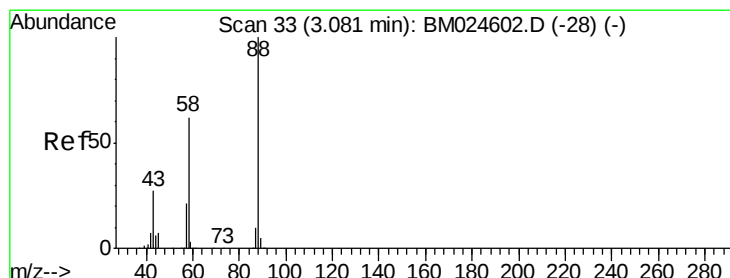
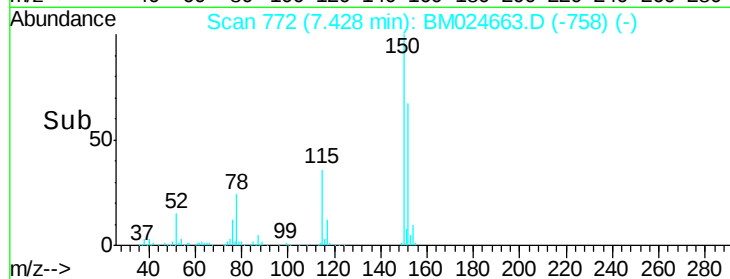
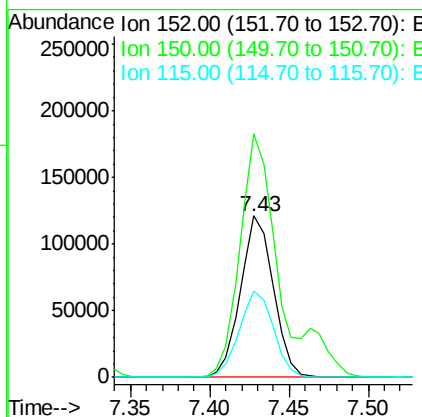
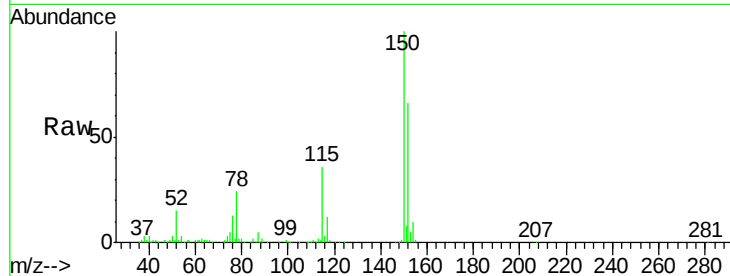
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.2	186.4
115	53.6	48.6	72.8

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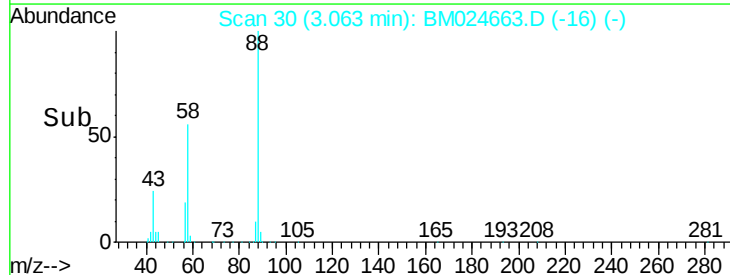
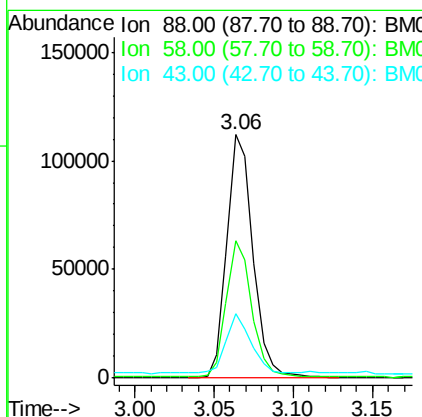
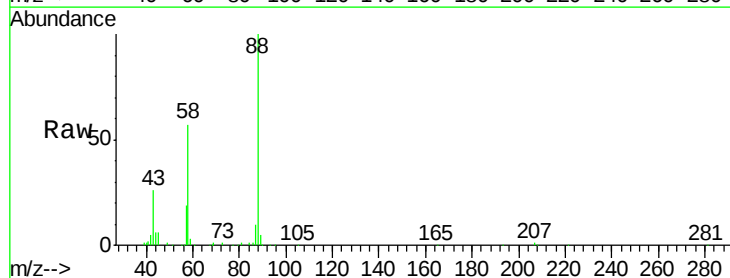
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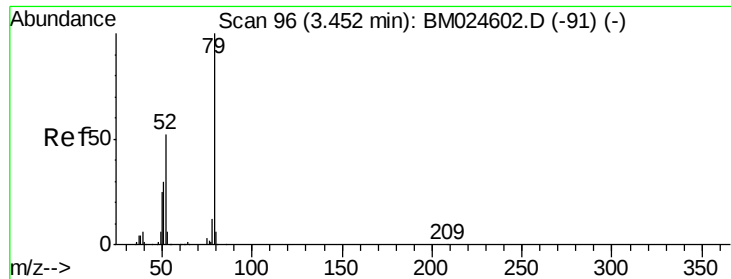


#2

1,4-Dioxane
Concen: 35.323 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.1	50.0	75.0
43	23.0	21.6	32.4





#3

Pvridine

Concen: 29.623 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

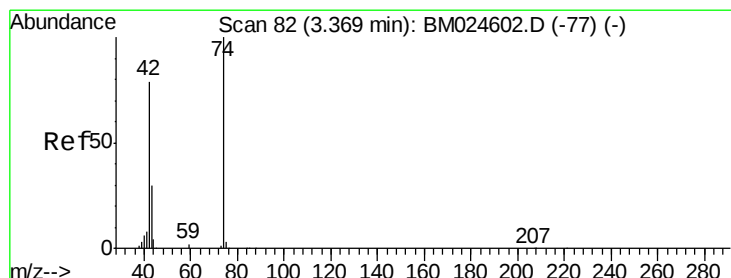
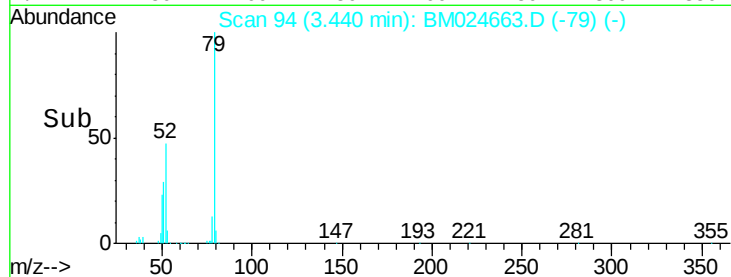
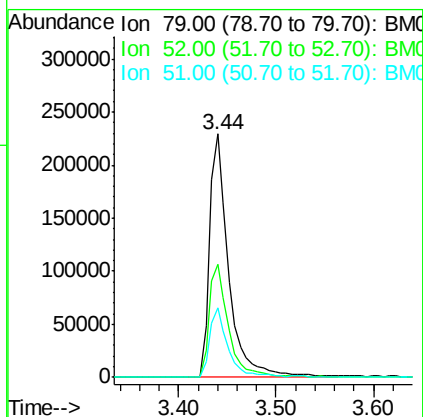
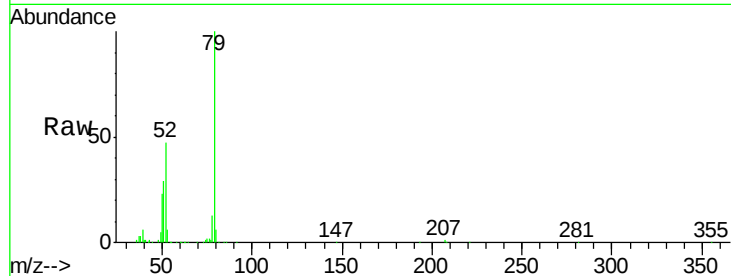
ClientSampleId :

PB126427BS

Tot Ion:	79	Resp:	312507
Ion Ratio	Lower	Upper	
79	100		
52	46.7	41.4	62.2
51	28.7	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 29.385 ng

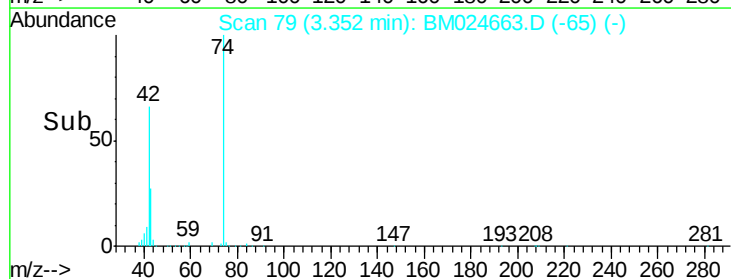
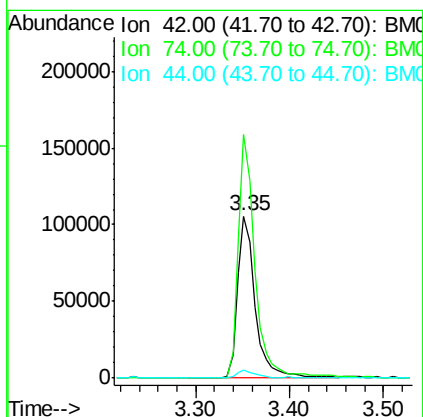
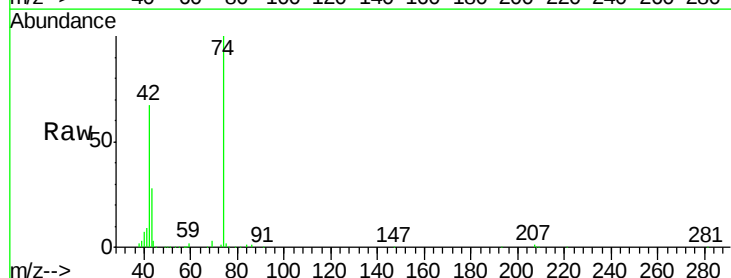
RT: 3.35 min Scan# 79

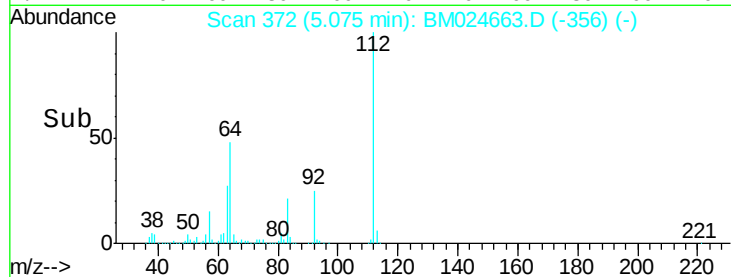
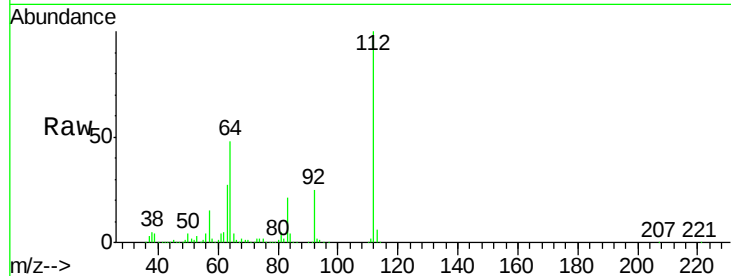
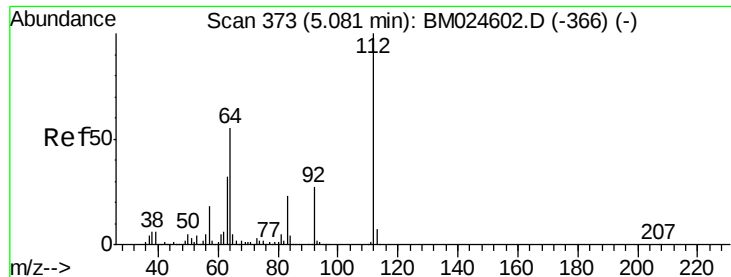
Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	42	Resp:	137595
Ion Ratio	Lower	Upper	
42	100		
74	150.2	101.4	152.2
44	4.9	4.6	6.8





#5

2-Fluorophenol

Concen: 110.623 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tot Ion:	112	Resp:	1017676
Ion	Ratio	Lower	Upper
112	100		
64	47.9	44.2	66.4
63	26.7	25.9	38.9

Instrument :

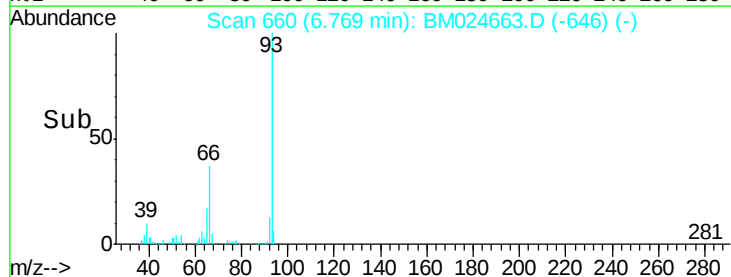
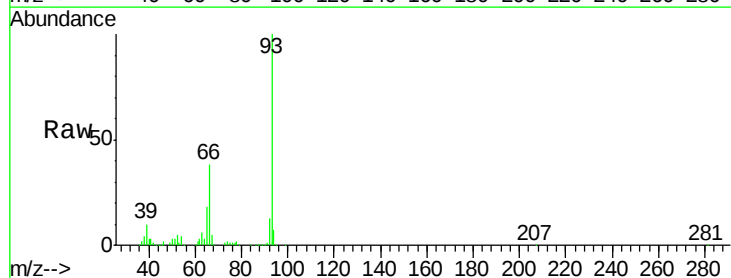
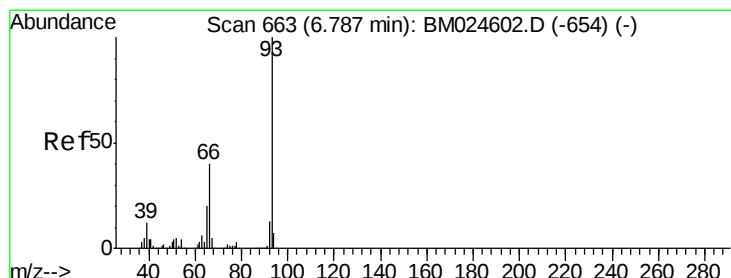
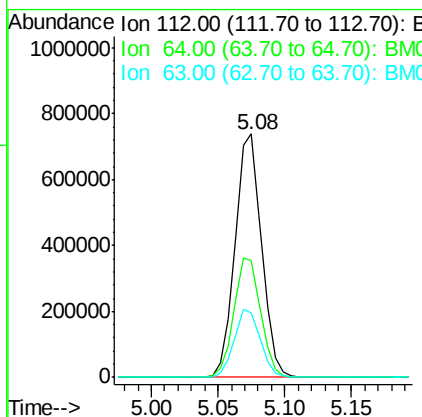
BNA_M

ClientSampleId :

PB126427BS

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#6

Aniline

Concen: 27.845 ng

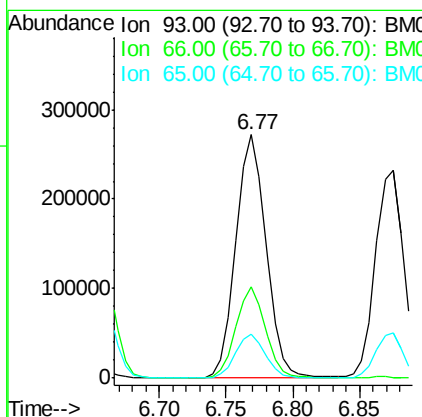
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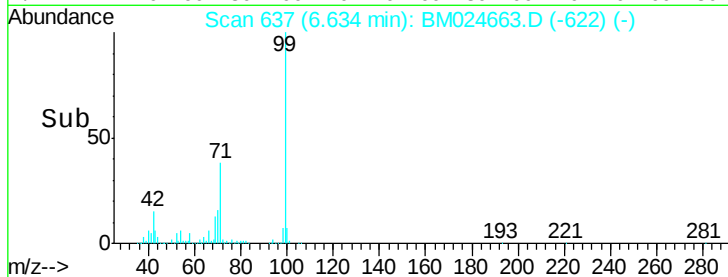
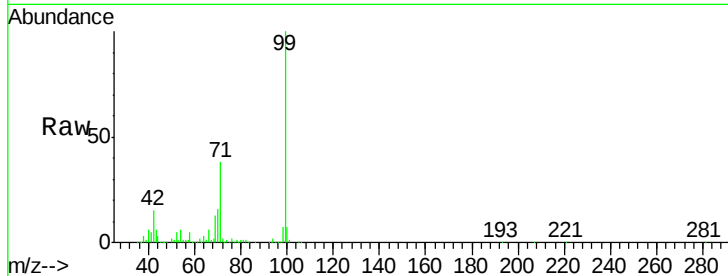
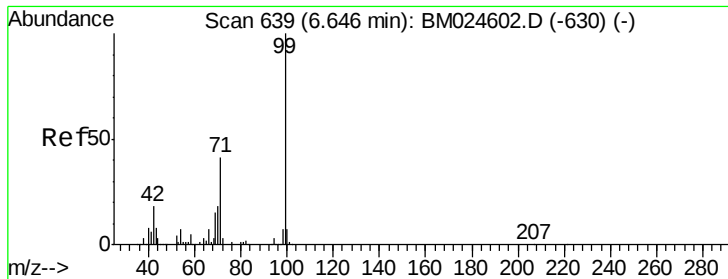
Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	93	Resp:	429577
Ion	Ratio	Lower	Upper
93	100		
66	37.6	31.8	47.8
65	18.0	15.8	23.6





#7

Phenol-d6

Concen: 98.352 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tot Ion:	99	Resp:	1246410
Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.1	21.1
71	38.1	33.0	49.6

Instrument :

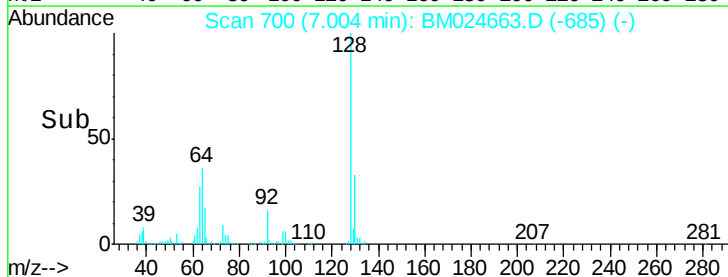
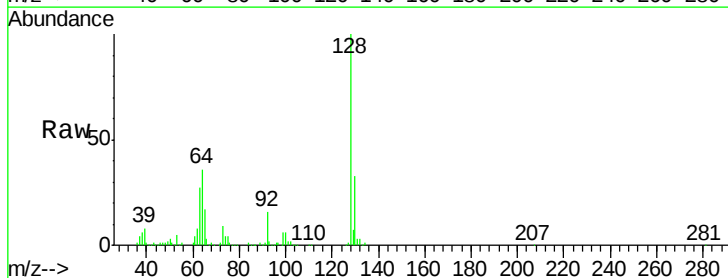
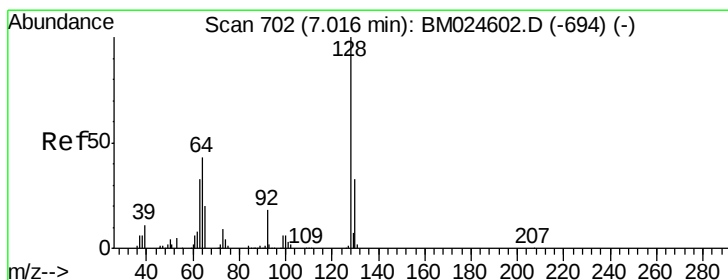
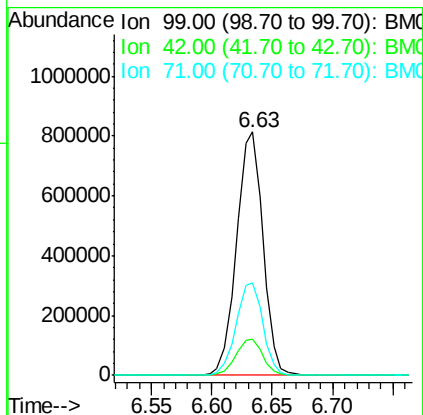
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ClientSampled :

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#8

2-Chlorophenol

Concen: 39.165 ng

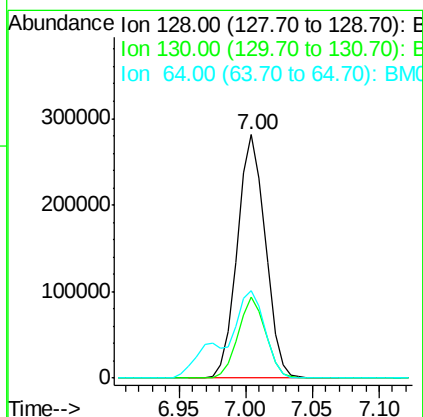
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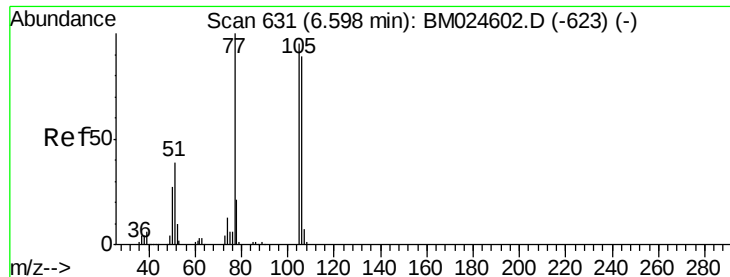
Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	128	Resp:	410160
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.5	52.5
64	35.9	26.1	66.1





#9

Benzaldehyde

Concen: 25.579 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

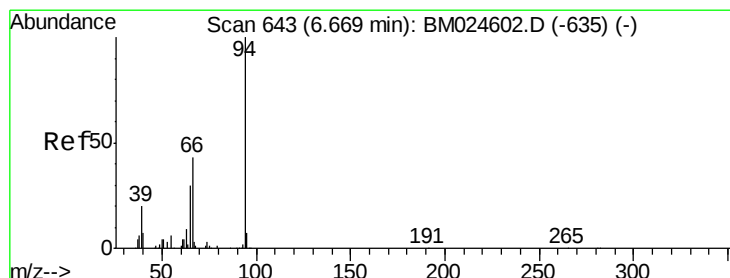
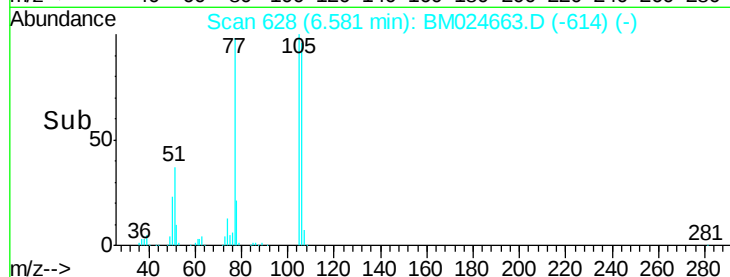
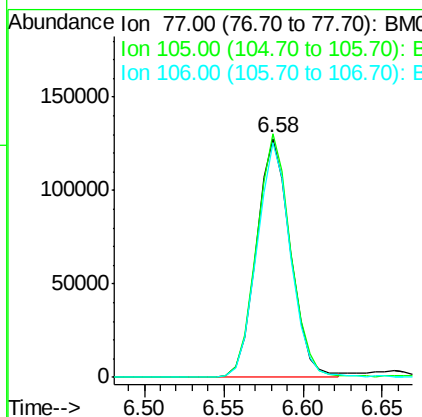
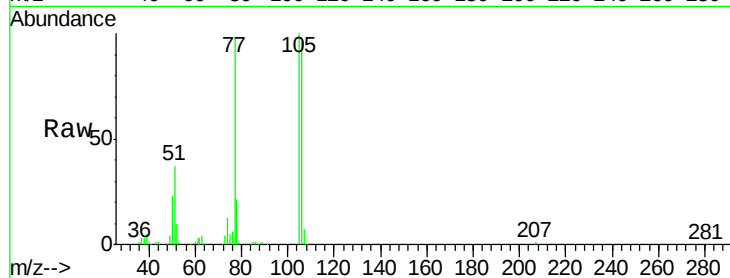
ClientSampleId :

PB126427BS

Tot Ion:	77	Resp:	191541
Ion	Ratio	Lower	Upper
77	100		
105	102.0	75.2	115.2
106	98.1	68.6	108.6

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#10

Phenol

Concen: 35.312 ng

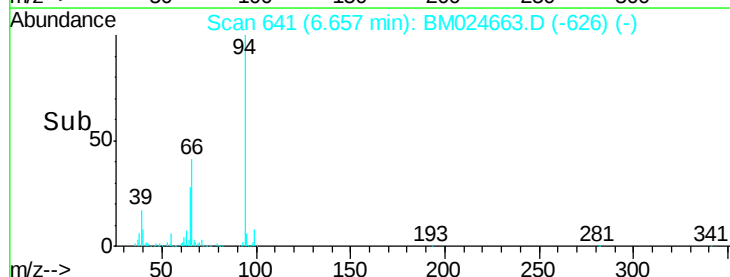
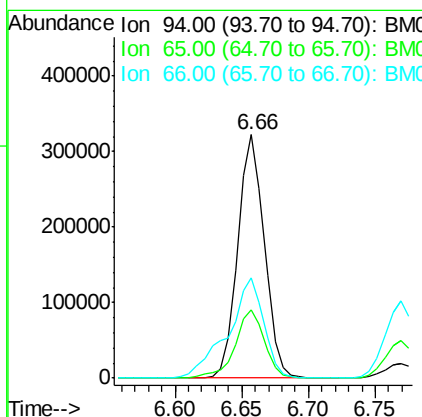
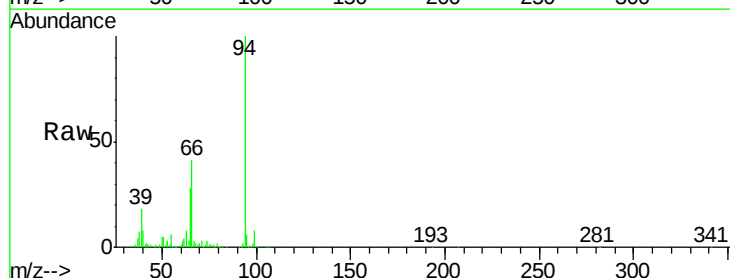
RT: 6.66 min Scan# 641

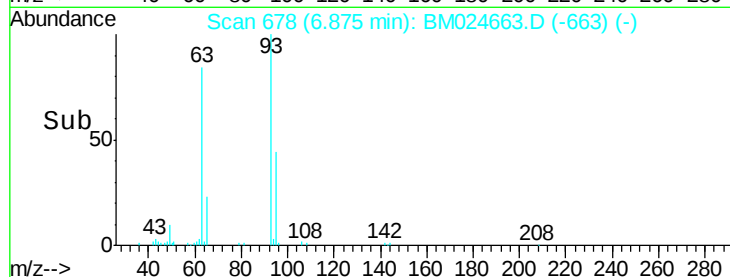
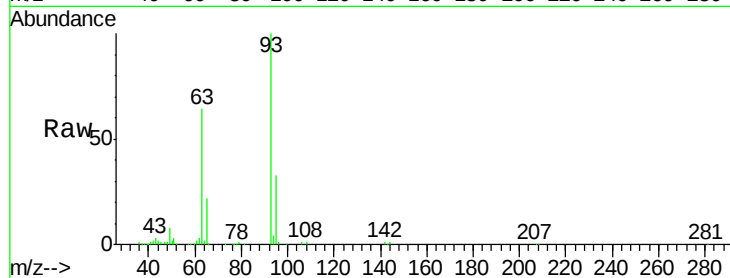
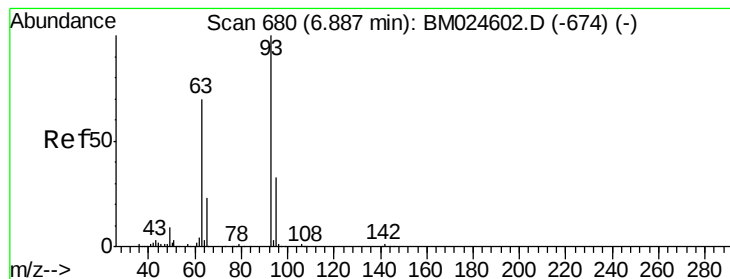
Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	94	Resp:	446077
Ion	Ratio	Lower	Upper
94	100		
65	28.0	10.3	50.3
66	41.0	24.8	64.8





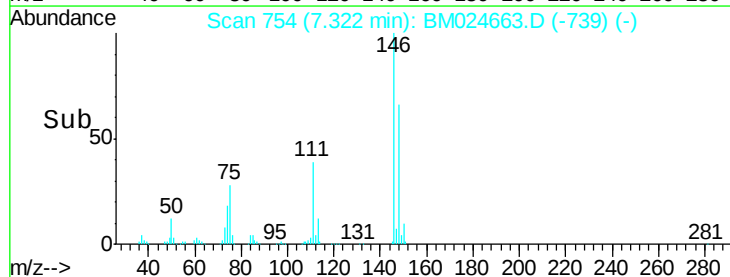
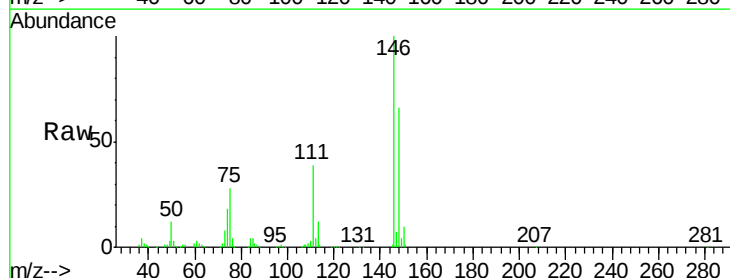
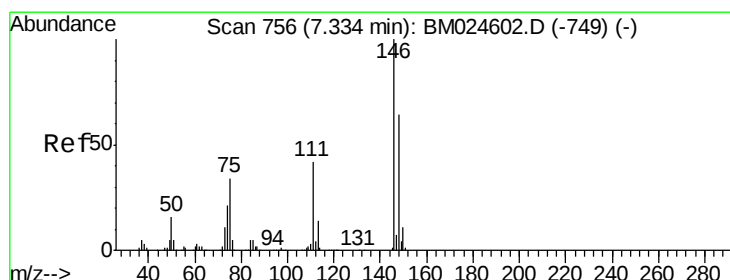
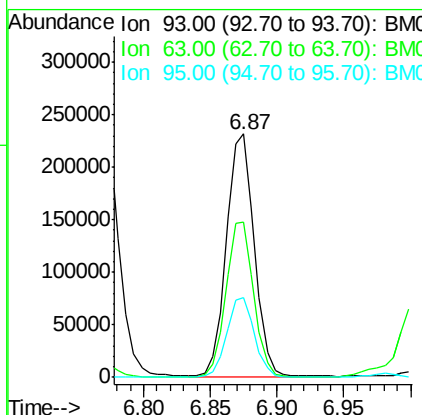
#11
bis(2-Chloroethyl)ether
Concen: 33.599 ng
RT: 6.87 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tot Ion	93	Resp	339783
Ion Ratio	Lower	Upper	
93	100		
63	63.6	49.6	89.6
95	32.6	12.6	52.6

Instrument :
BNA_M
ClientSampleId :
PB126427BS

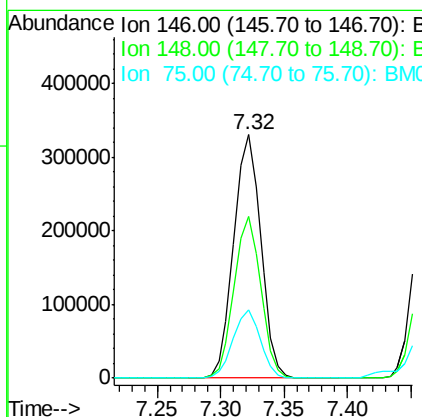
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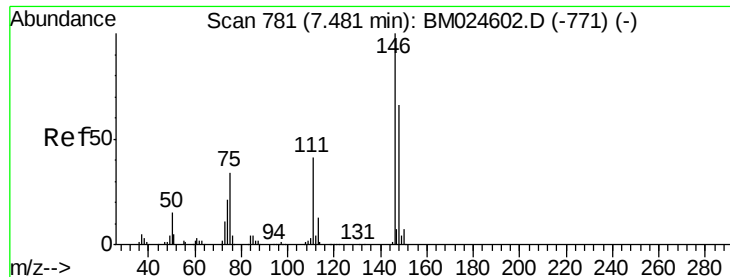
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.113 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	146	Resp	490338
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.0	76.6
75	28.2	27.0	40.4





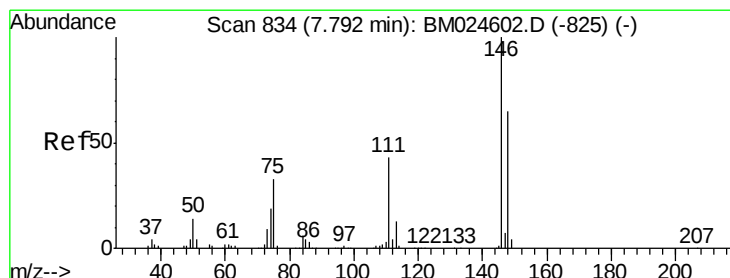
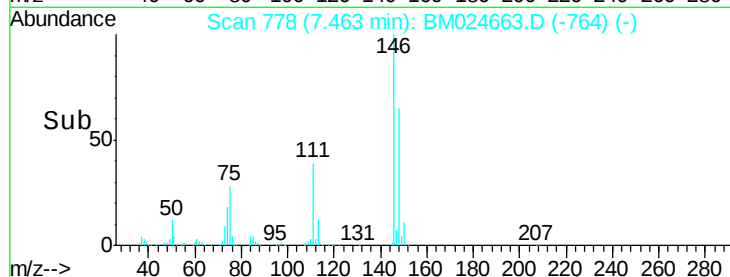
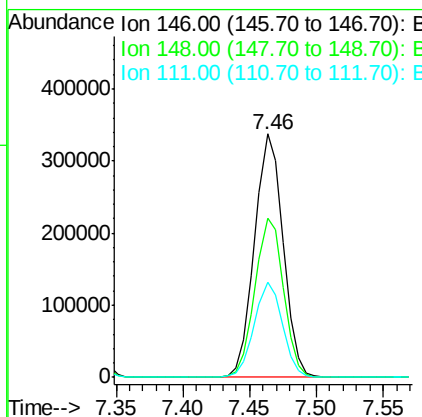
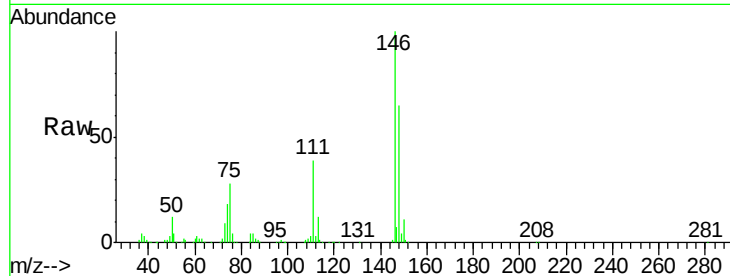
#13
 1,4-Dichlorobenzene
 Concen: 38.209 ng
 RT: 7.46 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		498707		
148	65.4	52.5	78.7		
111	38.9	33.0	49.4		

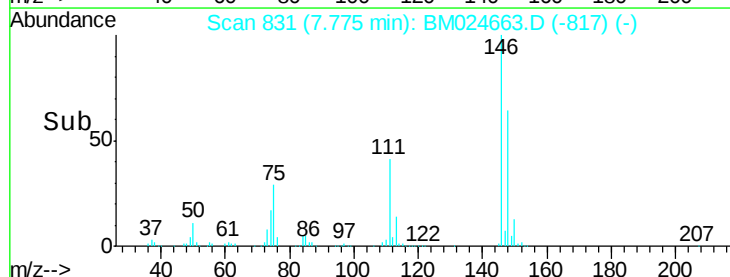
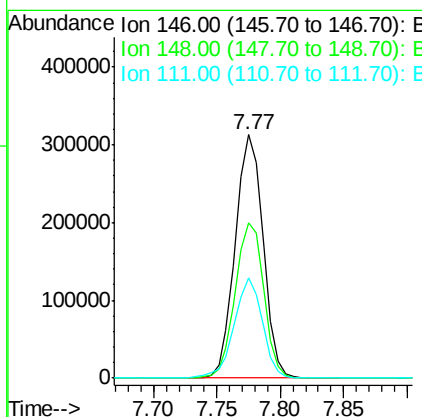
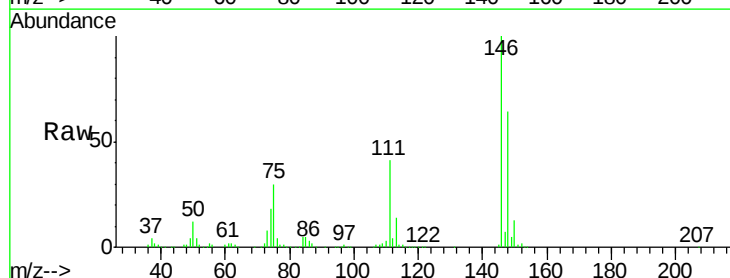
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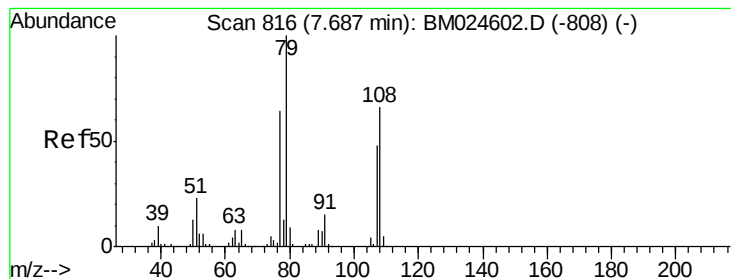
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.792 ng
 RT: 7.77 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		476123		
148	63.6	51.9	77.9		
111	40.9	34.5	51.7		





#15

Benzyl Alcohol

Concen: 31.160 ng

RT: 7.67 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

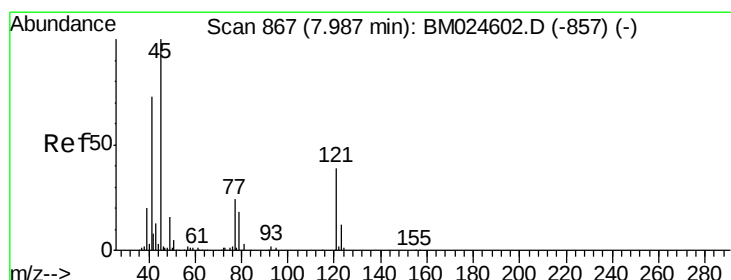
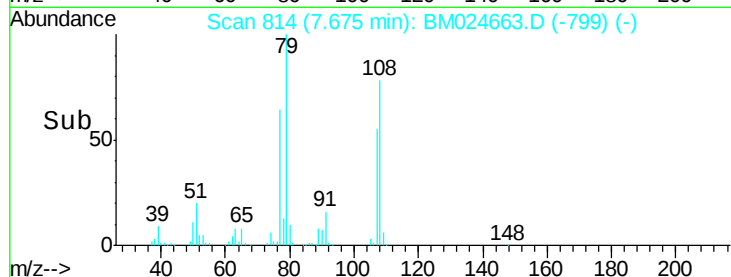
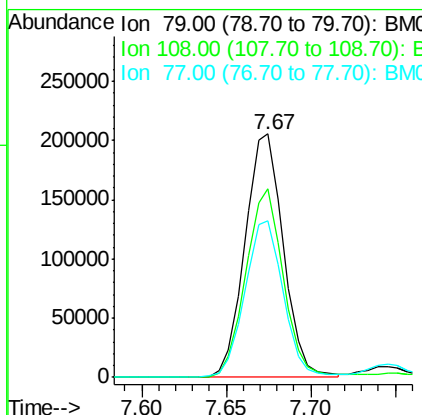
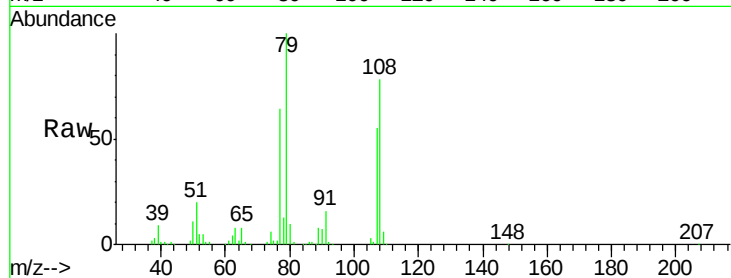
ClientSampleID :

PB126427BS

Tot Ion:	79	Resp:	325583
Ion Ratio	Lower	Upper	
79	100		
108	77.7	53.0	79.4
77	64.4	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.071 ng

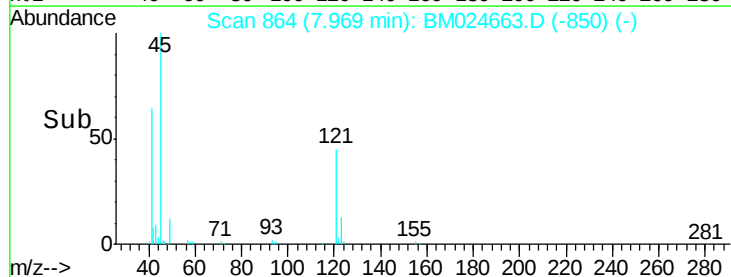
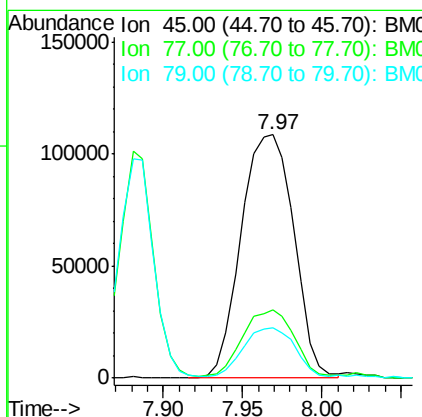
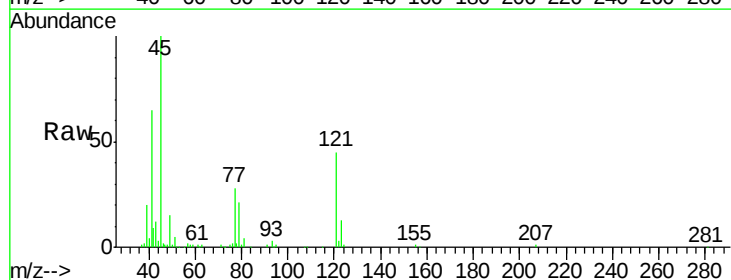
RT: 7.97 min Scan# 864

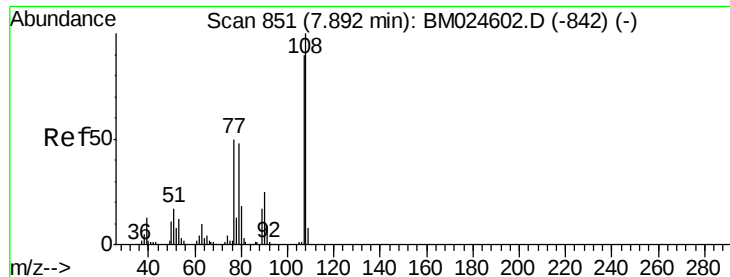
Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	45	Resp:	250621
Ion Ratio	Lower	Upper	
45	100		
77	28.0	5.2	45.2
79	20.9	0.0	39.4





#17

2-Methylphenol

Concen: 34.993 ng

RT: 7.88 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

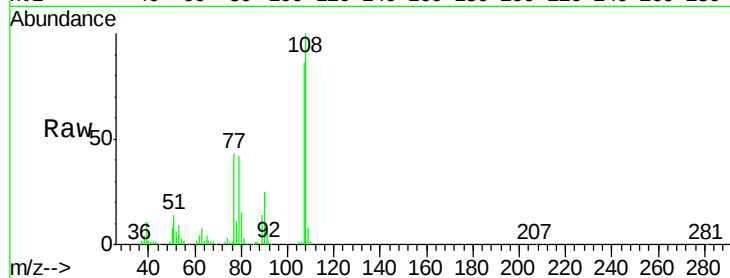
ClientSampleId :

PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.3	88.9	133.3	
77	50.6	44.5	66.7	
79	48.8	42.9	64.3	

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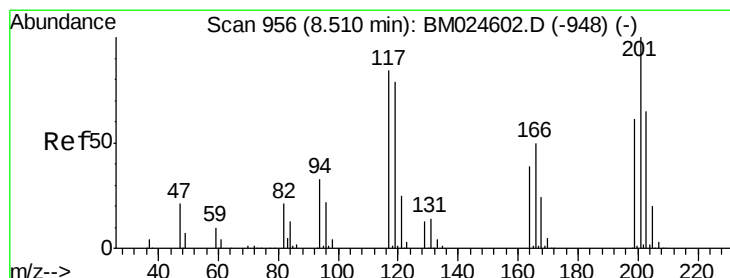
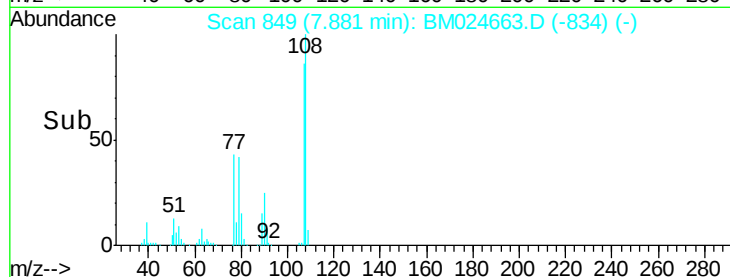
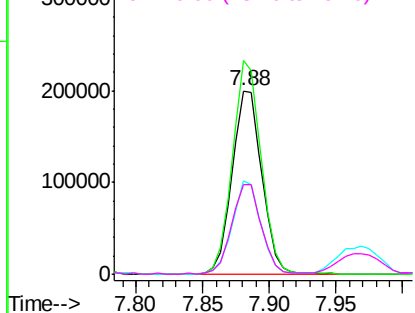


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 34.632 ng

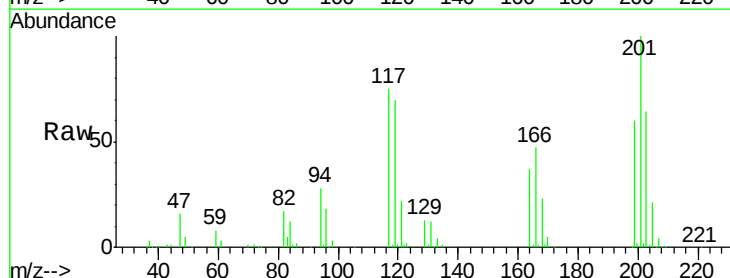
RT: 8.49 min Scan# 953

Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

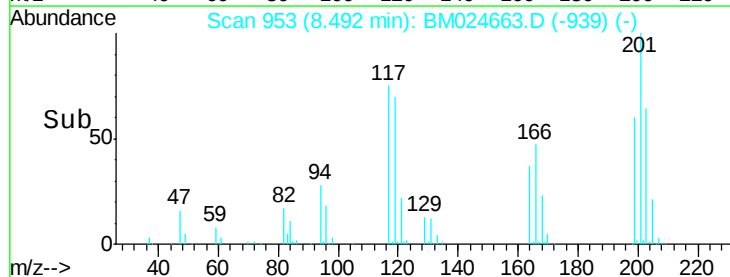
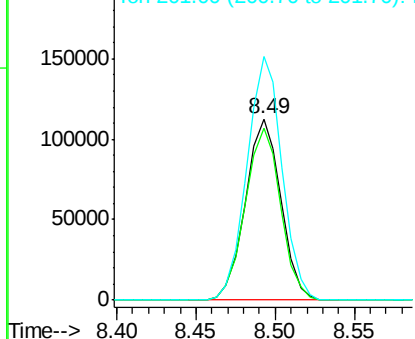
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.4	113.2	
201	134.1	95.8	143.6	

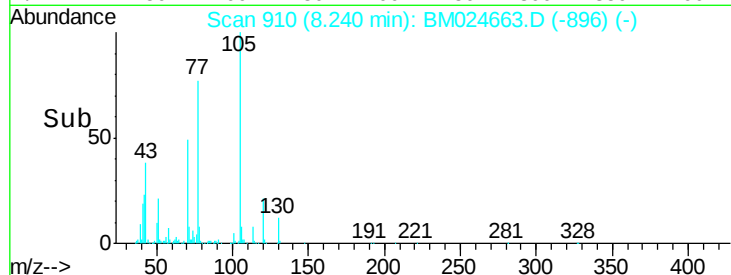
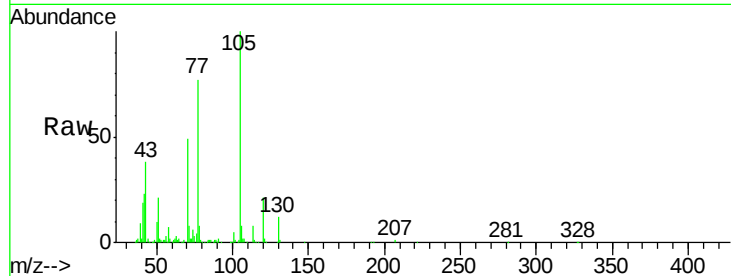
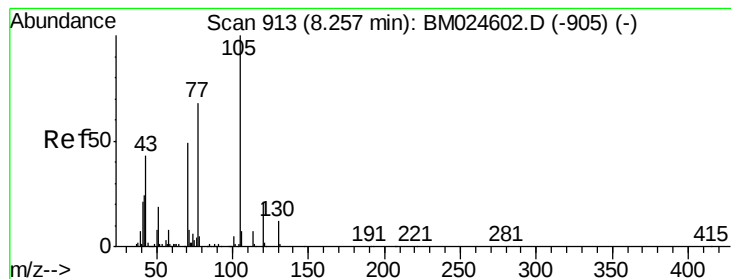


Abundance Ion 117.00 (116.70 to 117.70): E

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: 27.328 ng

RT: 8.24 min Scan# 910

Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion: 70 Resp: 260030

Ion Ratio Lower Upper

70 100

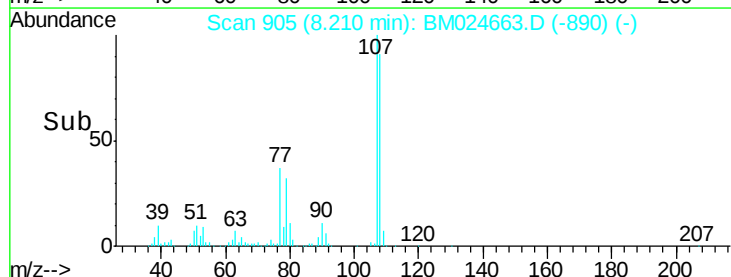
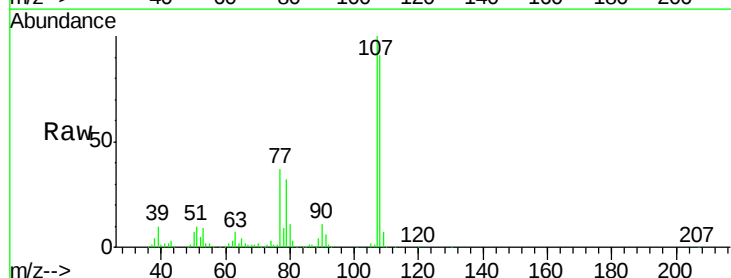
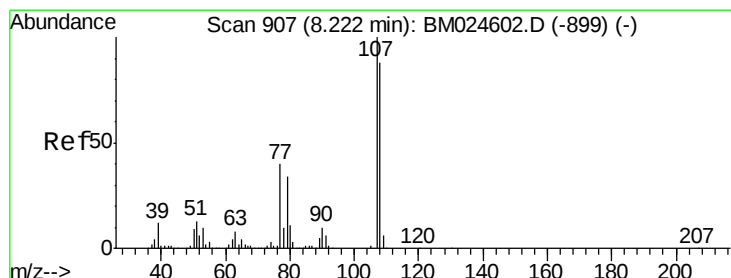
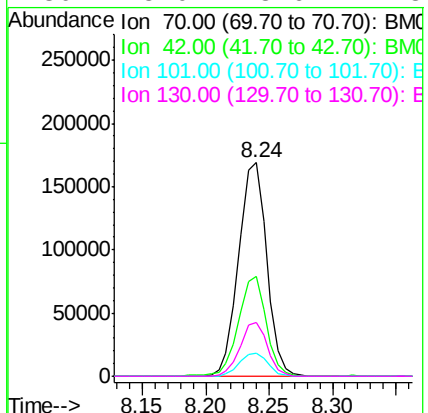
42 46.5 40.0 60.0

101 10.6 8.2 12.2

130 25.0 18.6 27.8

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#20

3+4-Methylphenols

Concen: 33.329 ng

RT: 8.21 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion: 107 Resp: 410706

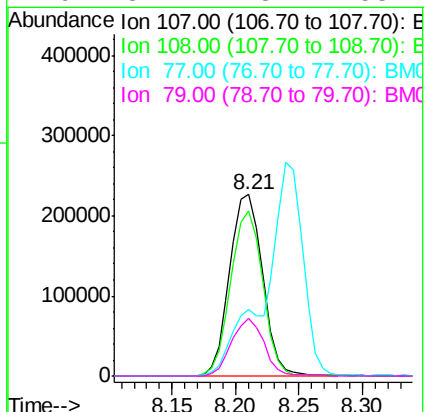
Ion Ratio Lower Upper

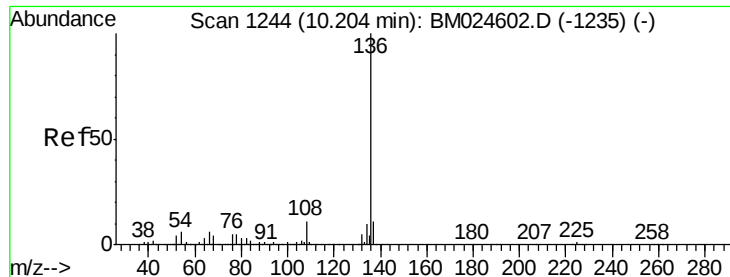
107 100

108 91.0 68.0 108.0

77 36.8 19.9 59.9

79 32.1 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

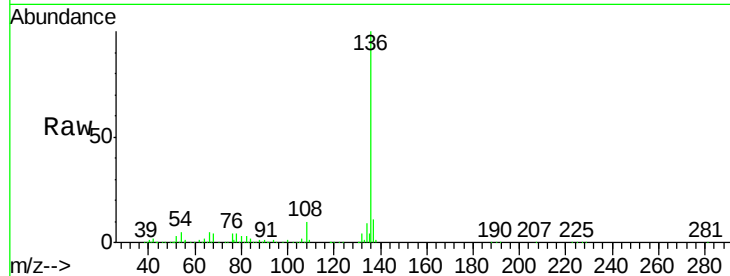
ClientSampleId :

PB126427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		607300		
137	11.3		8.6	13.0	
54	4.6		4.5	6.7	
68	4.0		3.4	5.0	

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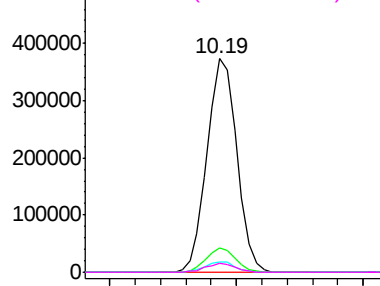


Abundance Ion 136.00 (135.70 to 136.70): E

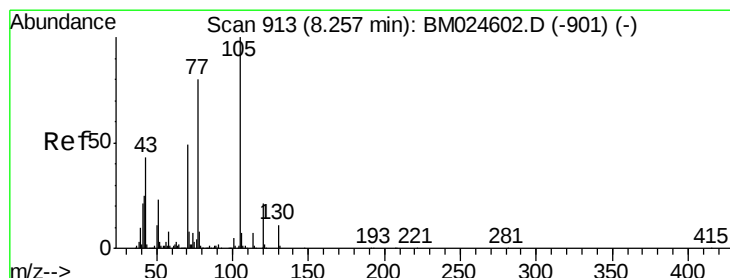
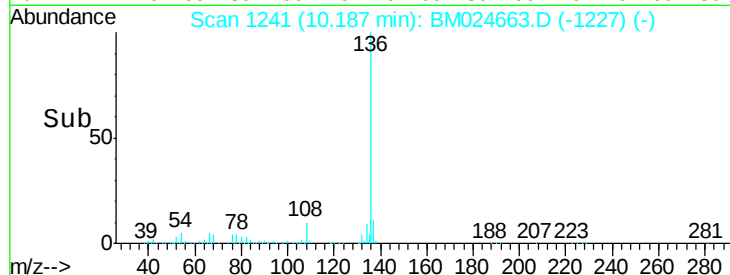
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 35.511 ng

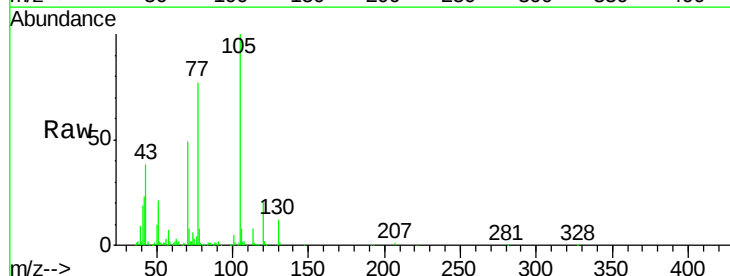
RT: 8.24 min Scan# 910

Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		556087		
71	8.3		6.7	10.1	
51	21.2		18.5	27.7	
120	21.3		16.6	25.0	

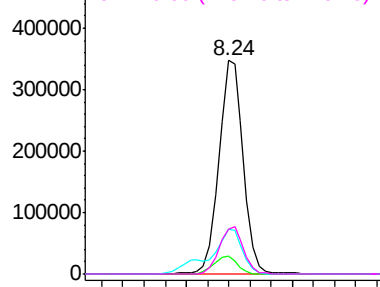


Abundance Ion 105.00 (104.70 to 105.70): E

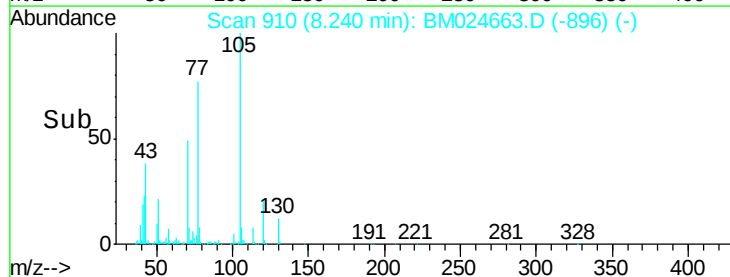
Ion 71.00 (70.70 to 71.70): BM

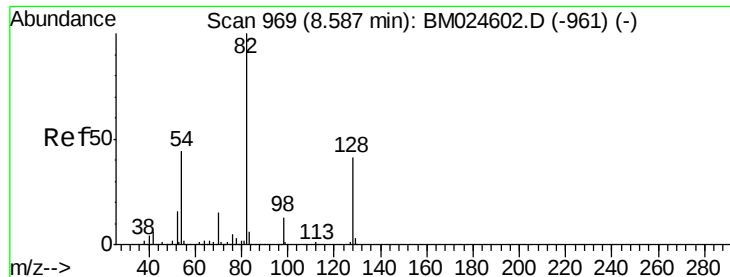
Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->





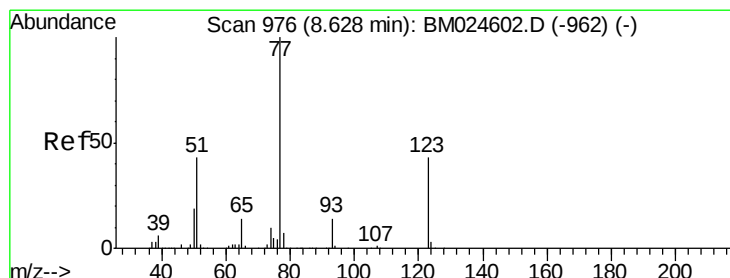
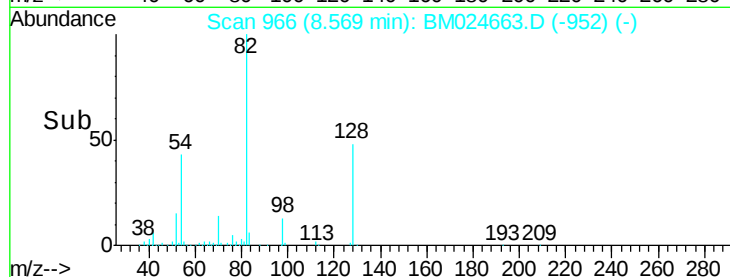
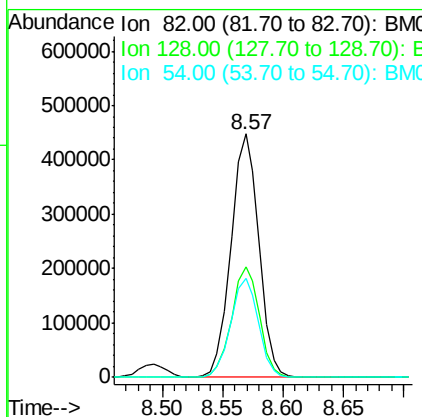
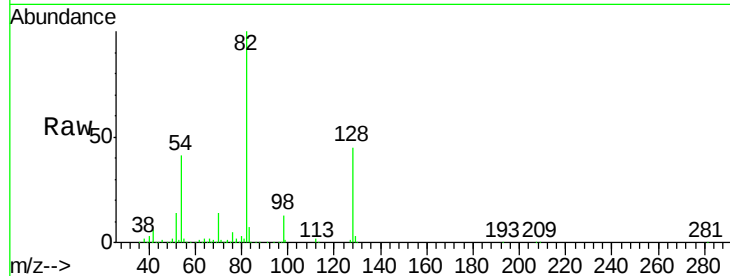
#23
 Nitrobenzene-d5
 Concen: 58.119 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.6	48.8
54	40.7	34.8	52.2

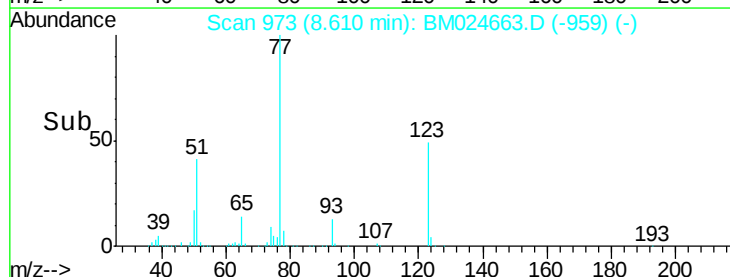
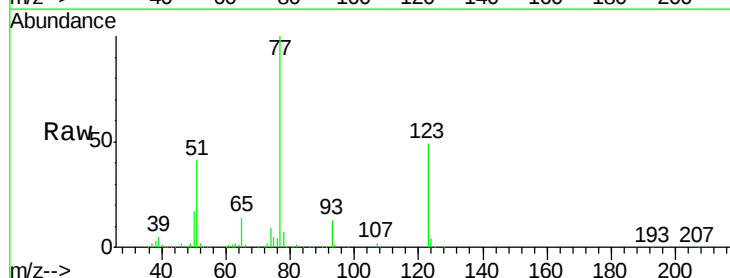
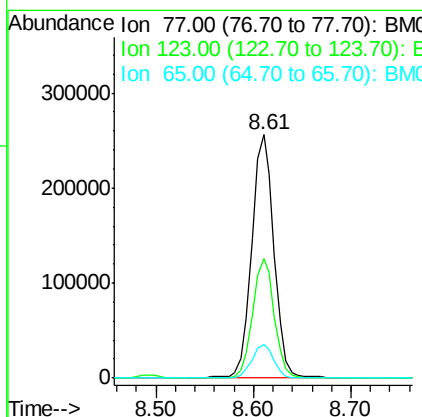
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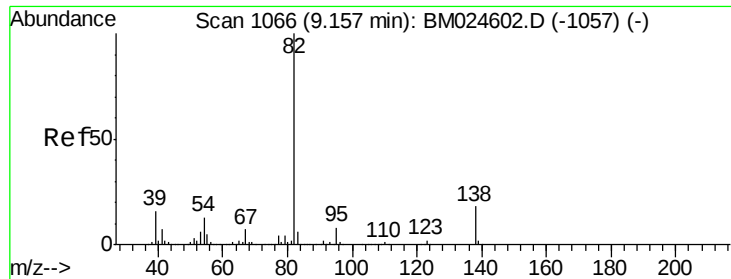
mohammad
 2/3/2020 7:55:35 AM



#24
 Nitrobenzene
 Concen: 34.717 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	34.6	52.0
65	13.8	11.0	16.4





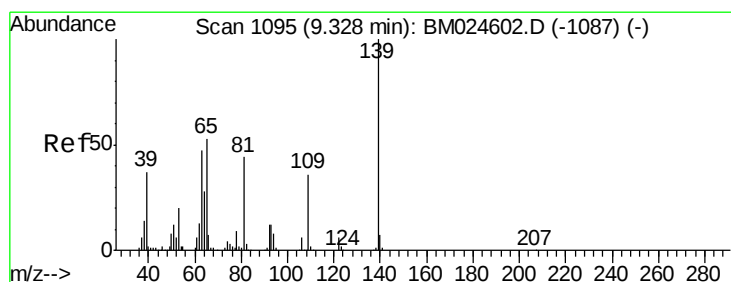
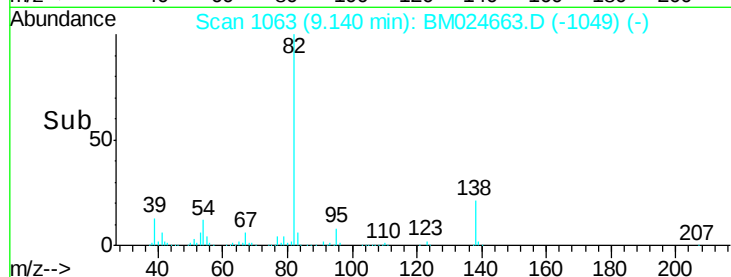
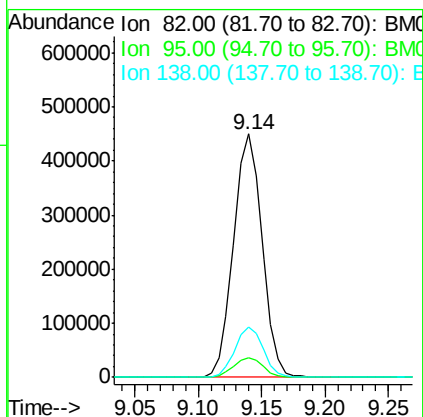
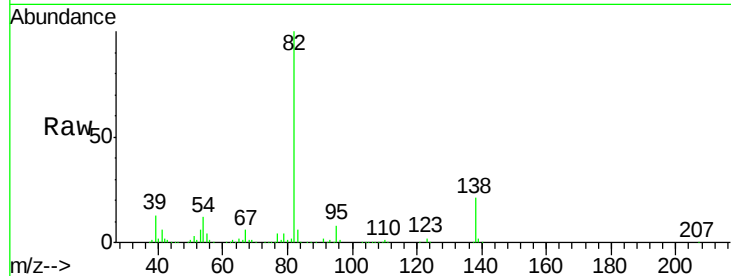
#25
Isophorone
Concen: 33.321 ng
RT: 9.14 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	701110		
95	8.3		6.7	10.1
138	20.6		14.7	22.1

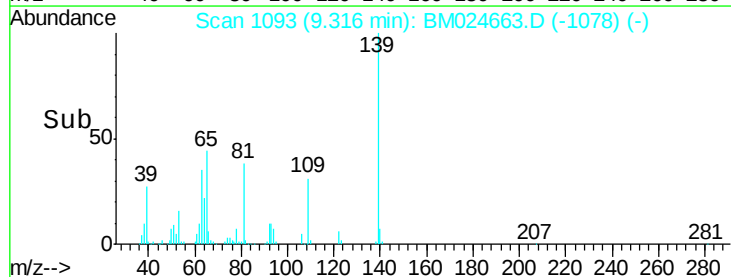
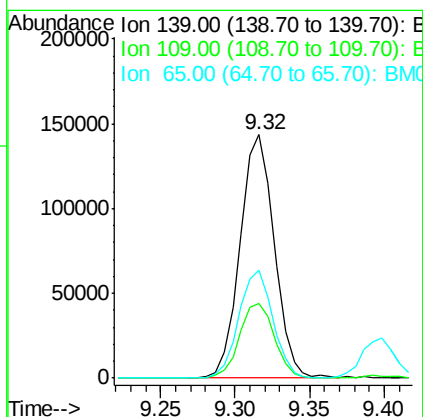
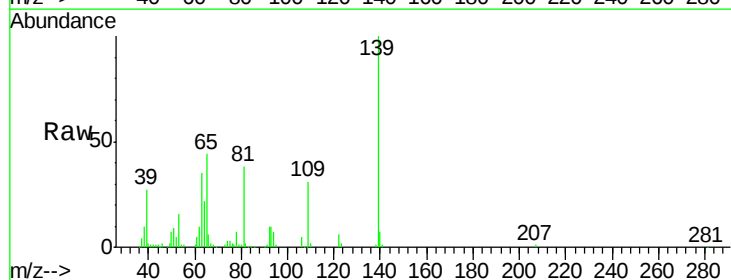
Manual Integrations
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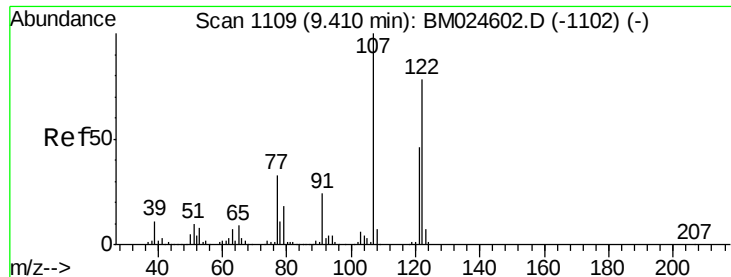
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#26
2-Nitrophenol
Concen: 41.472 ng
RT: 9.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	227885		
109	30.6		28.8	43.2
65	44.2		42.6	63.8





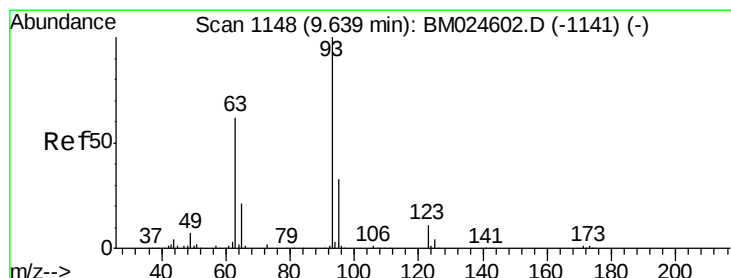
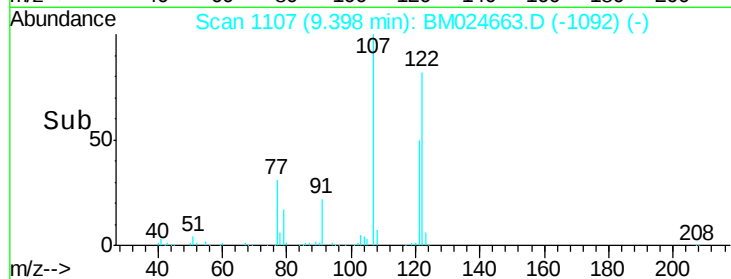
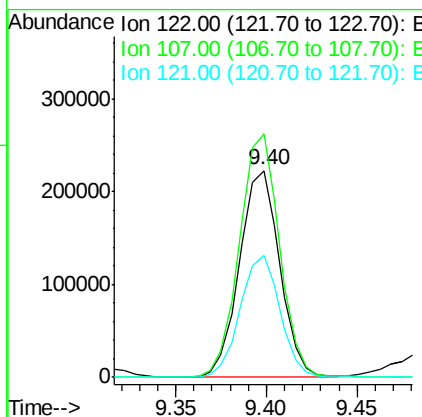
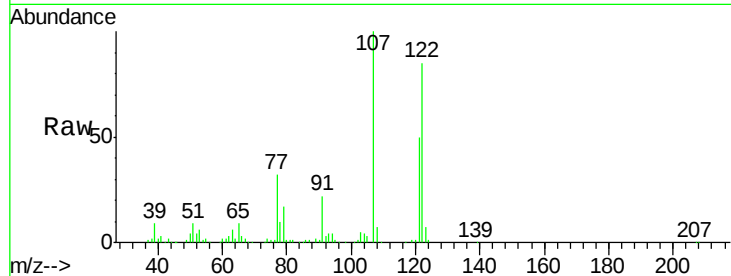
#27
2,4-Dimethylphenol
Concen: 46.074 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	117.9	102.5	153.7		
121	58.8	47.0	70.4		

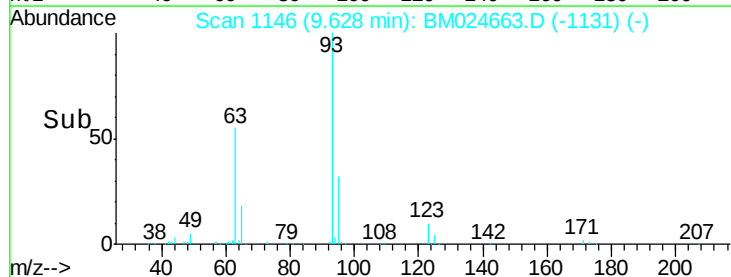
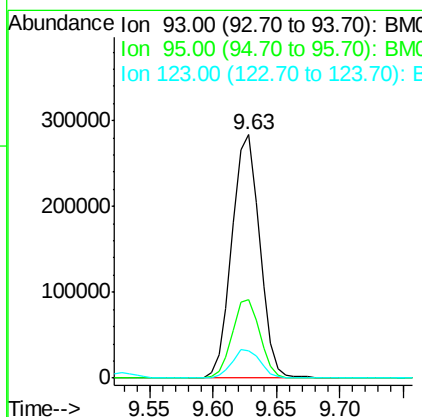
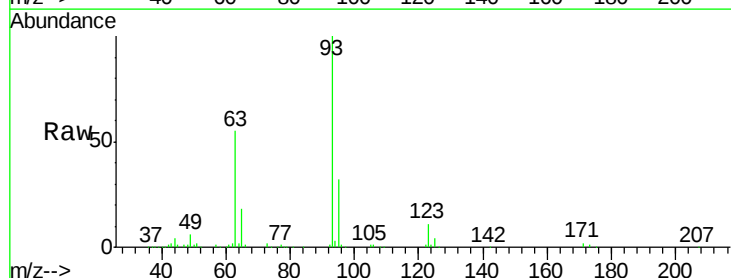
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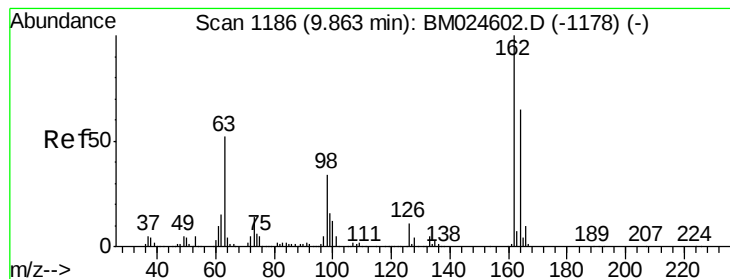
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#28
bis(2-Chloroethoxy)methane
Concen: 33.544 ng
RT: 9.63 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.2	26.1	39.1		
123	11.5	8.7	13.1		





#29

2,4-Dichlorophenol

Concen: 40.345 ng

RT: 9.85 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

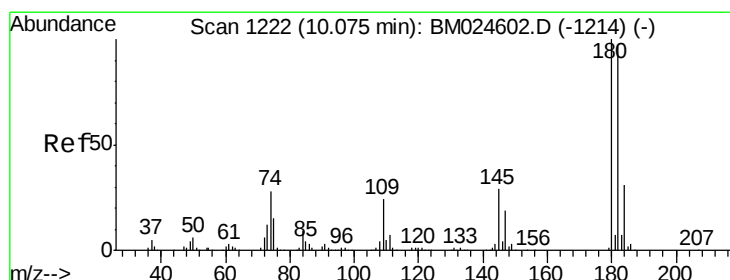
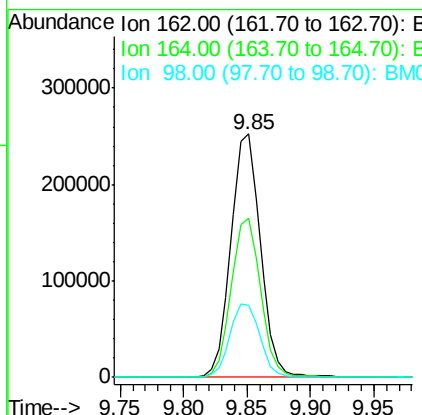
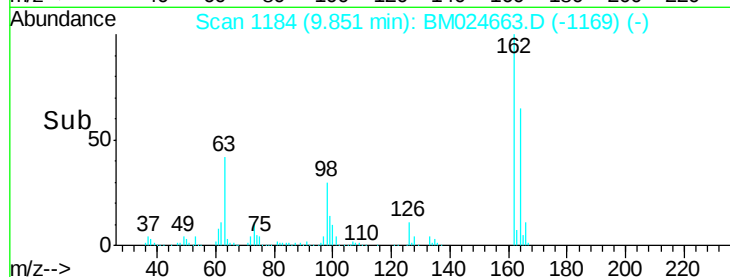
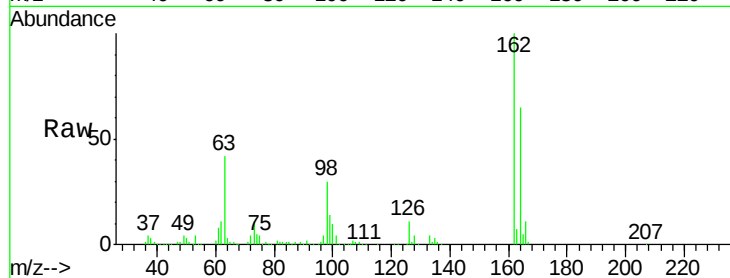
ClientSampleId :

PB126427BS

Tot Ion:	162	Resp:	407018
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.5	84.5
98	29.7	14.2	54.2

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#30

1,2,4-Trichlorobenzene

Concen: 41.069 ng

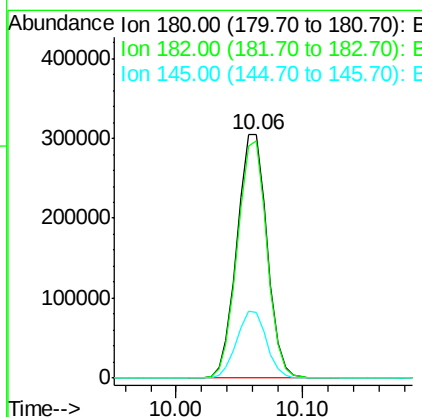
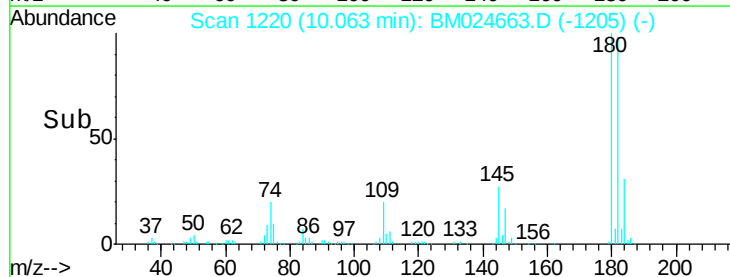
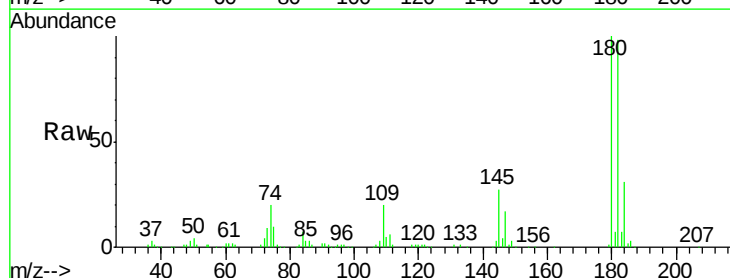
RT: 10.06 min Scan# 1220

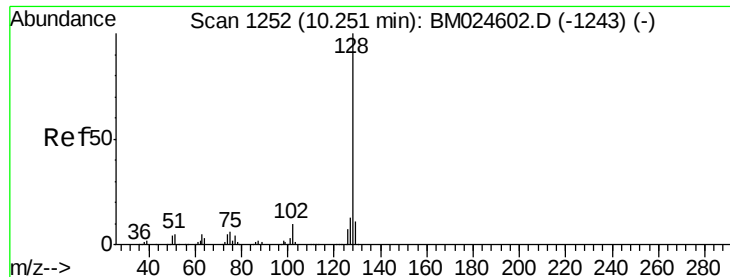
Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	180	Resp:	499686
Ion Ratio	Lower	Upper	
180	100		
182	97.5	77.8	116.6
145	26.7	22.9	34.3





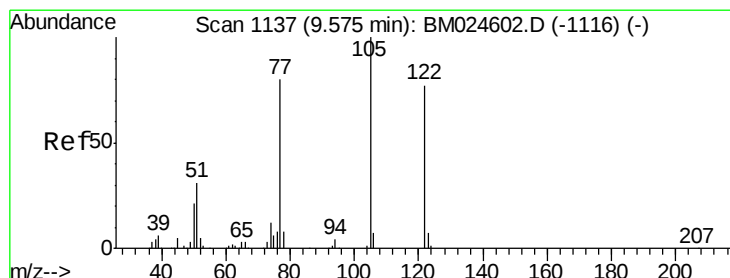
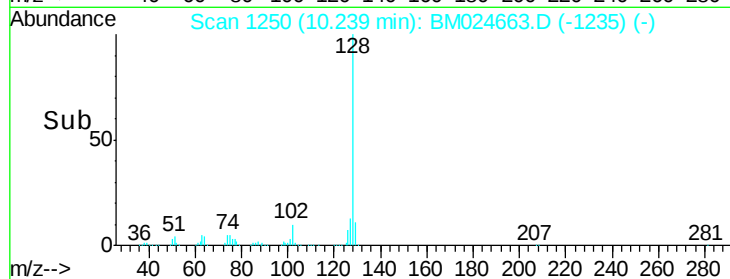
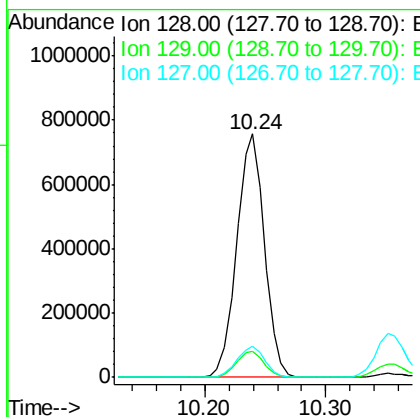
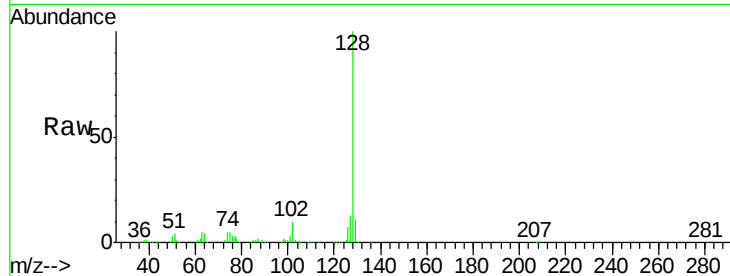
#31
Naphthalene
Concen: 39.419 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.9	10.6	15.8

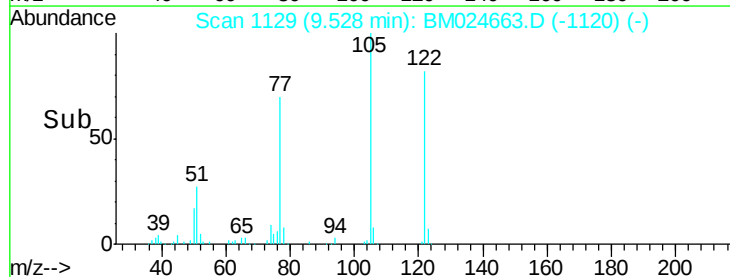
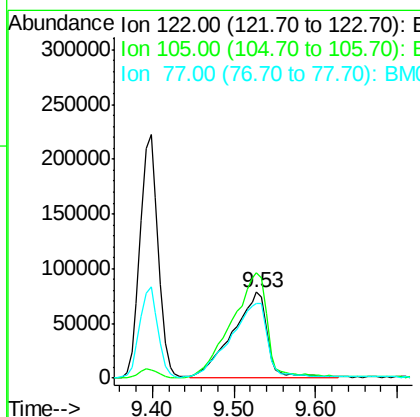
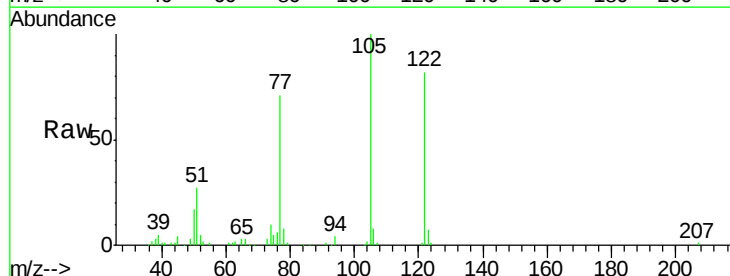
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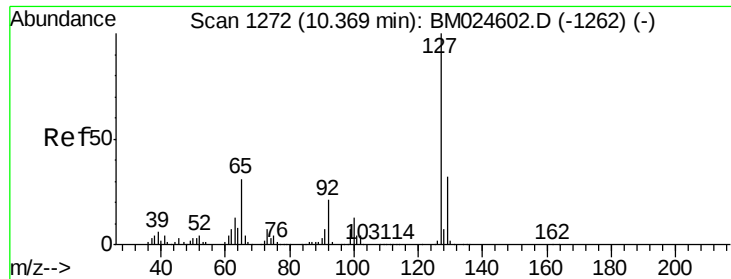
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#32
Benzoic acid
Concen: 34.350 ng m
RT: 9.53 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	107.7	147.7
77	87.4	83.8	123.8





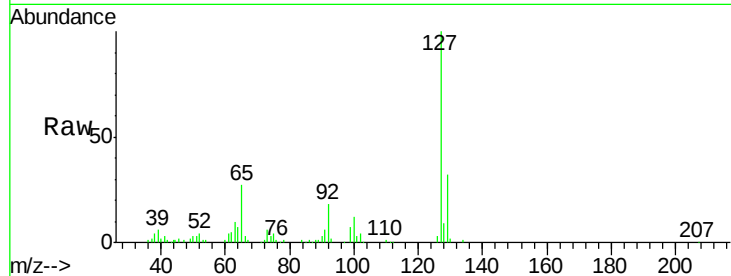
#33
4-Chloroaniline
Concen: 17.691 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		237851		
129	31.8	25.9	38.9		
65	26.9	25.1	37.7		
92	17.9	16.6	25.0		

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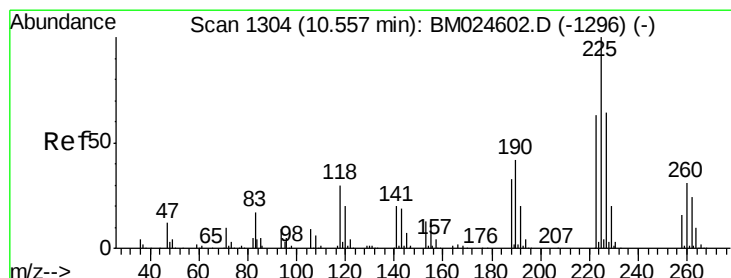
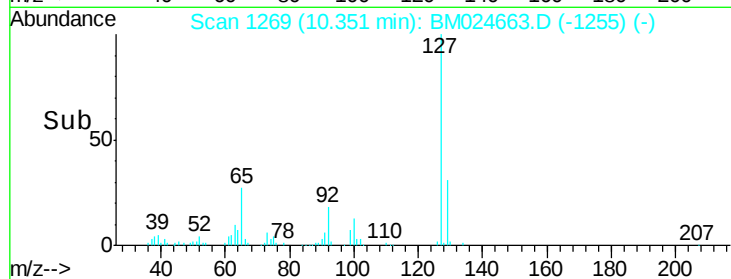
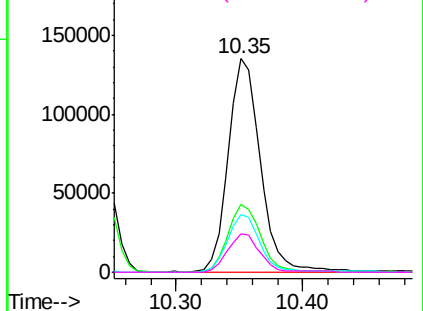
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

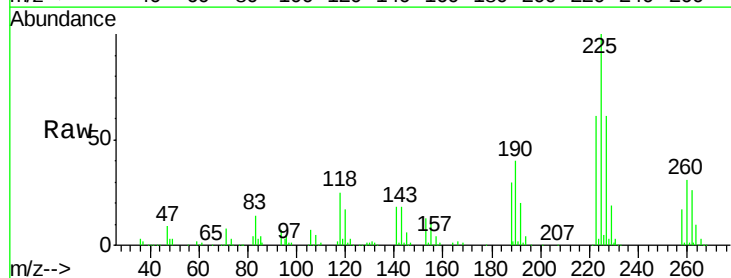
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 39.320 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		330716		
223	60.6	50.7	76.1		
227	61.1	51.4	77.0		

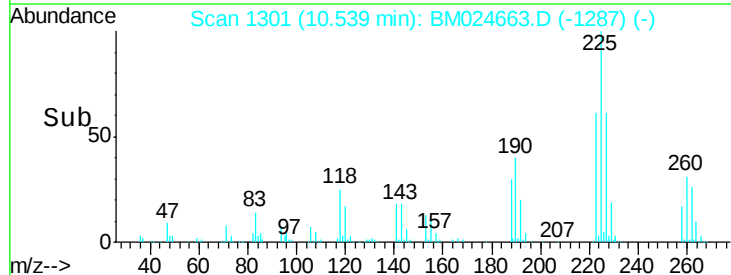
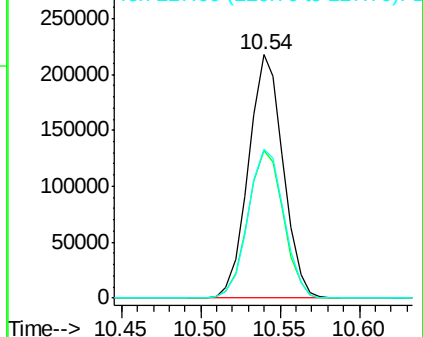


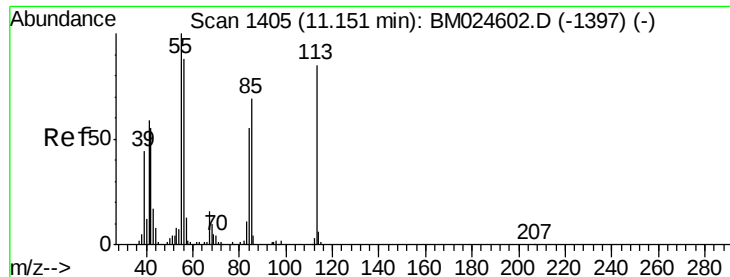
Abundance

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: 34.455 ng/mL

RT: 11.12 min Scan# 1400

Delta R.T. -0.03 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

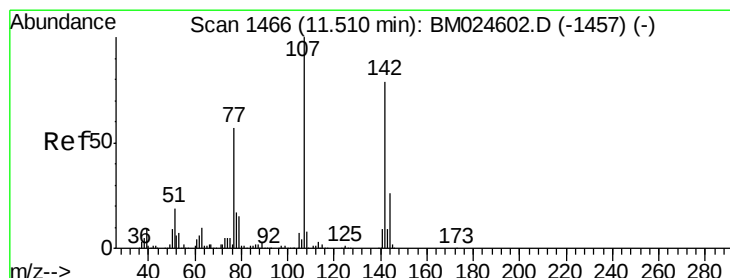
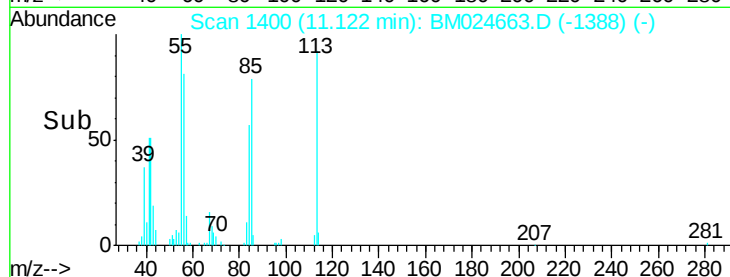
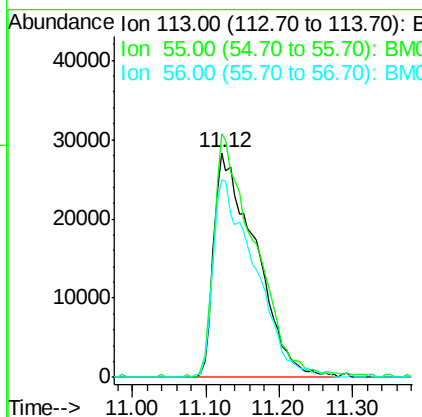
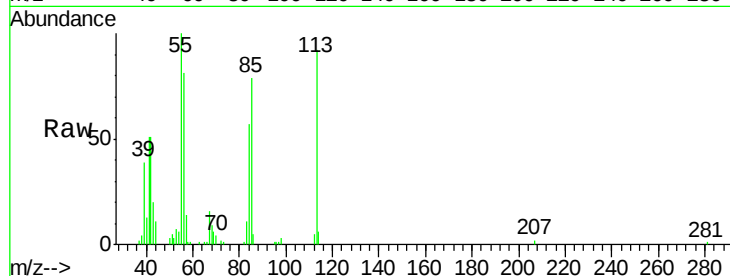
ClientSampleId :

PB126427BS

Tot Ion:	113	Resp:	111516
Ion Ratio	Lower	Upper	
113	100		
55	108.4	97.5	137.5
56	87.9	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 33.553 ng/mL

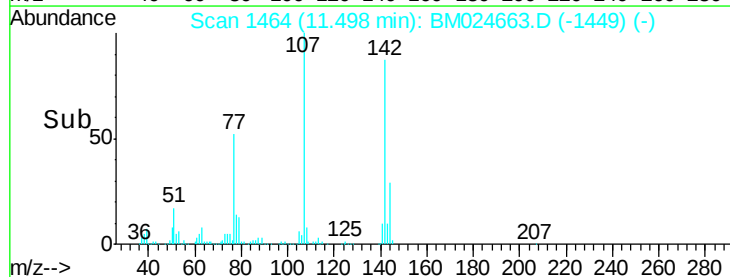
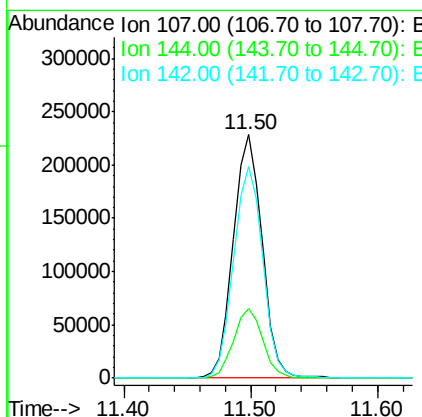
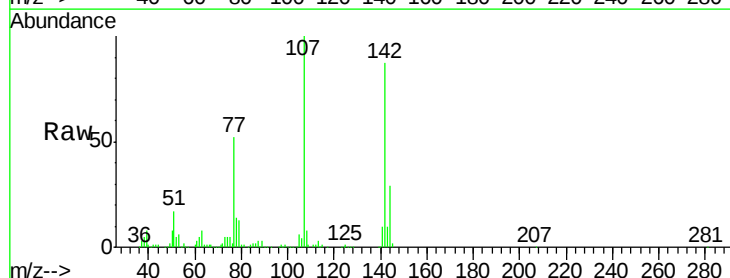
RT: 11.50 min Scan# 1464

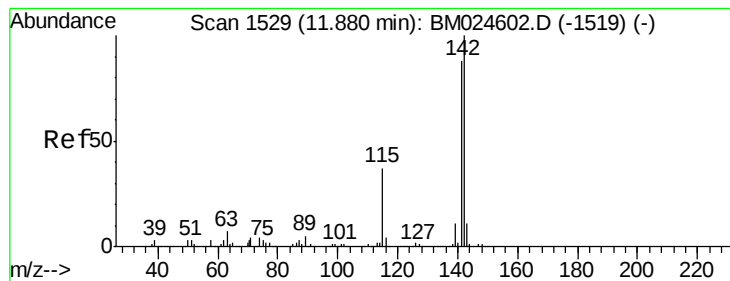
Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	107	Resp:	359932
Ion Ratio	Lower	Upper	
107	100		
144	28.5	20.5	30.7
142	87.0	62.8	94.2





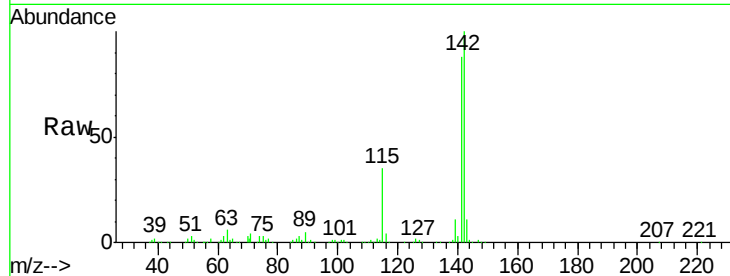
#37
 2-Methylnaphthalene
 Concen: 38.041 ng
 RT: 11.86 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.2
115	34.5	29.7	44.5

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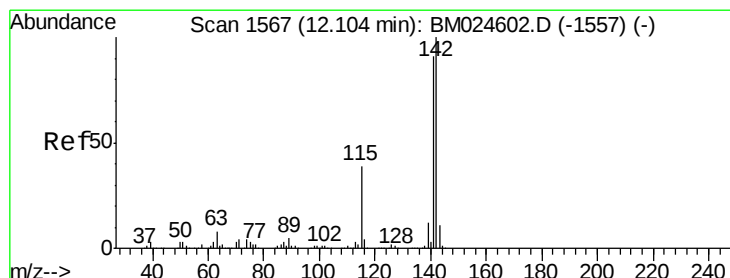
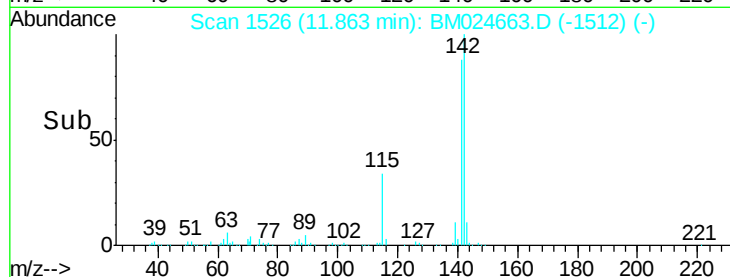
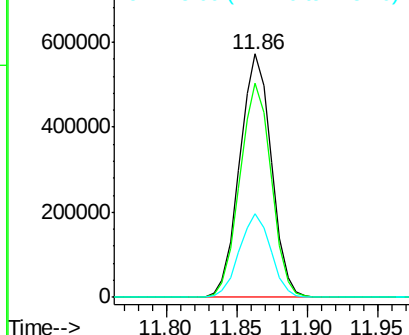


Abundance

Ion 142.00 (141.70 to 142.70): E

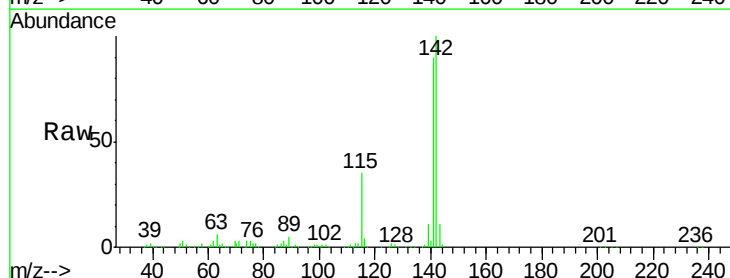
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 37.559 ng
 RT: 12.09 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.8	109.2
116	3.8	3.2	4.8

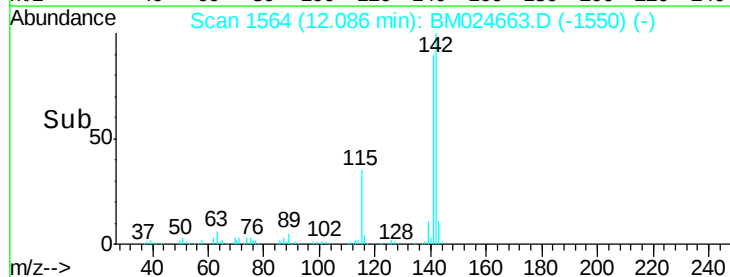
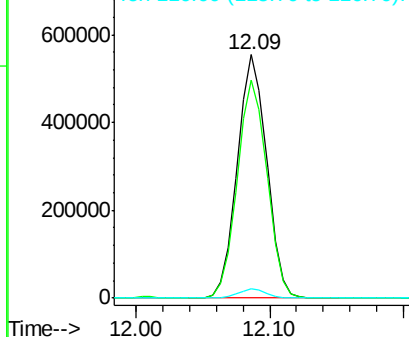


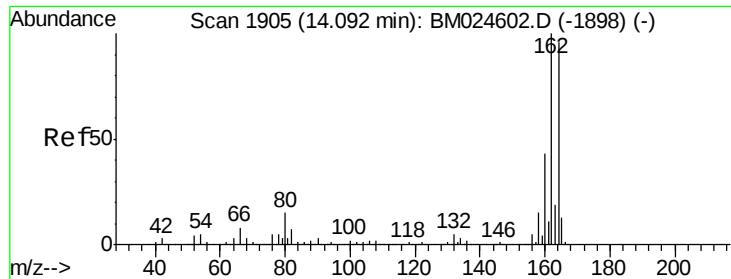
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





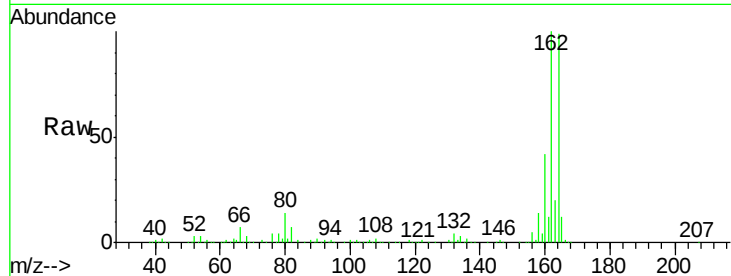
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	82.9	124.3	
160	42.4	35.5	53.3	

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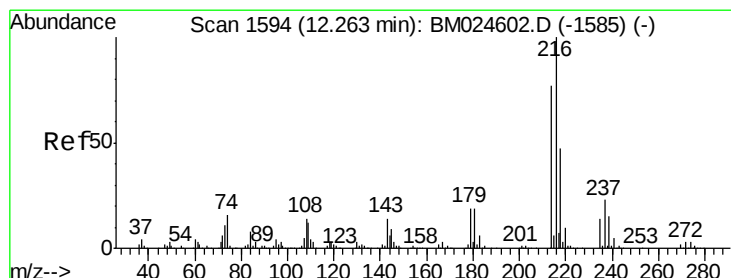
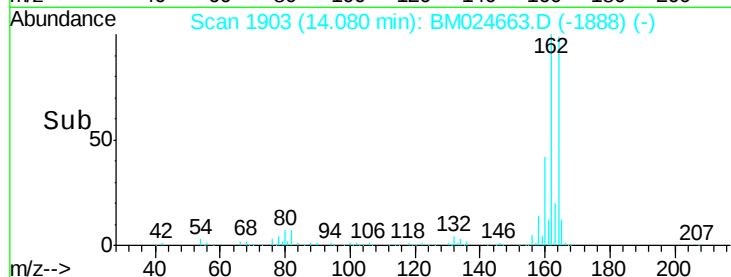
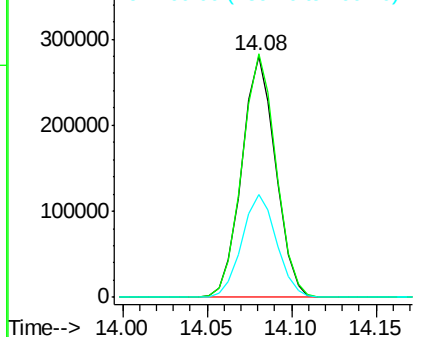


Abundance

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: 39.894 ng
RT: 12.25 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	62.3	93.5	
179	19.8	16.1	24.1	
108	15.7	13.0	19.6	

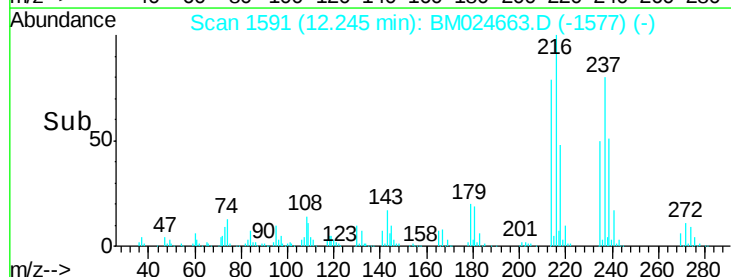
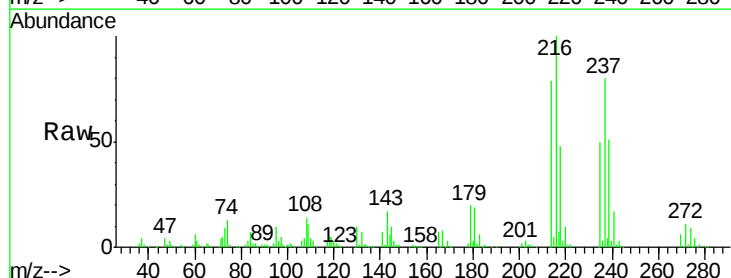
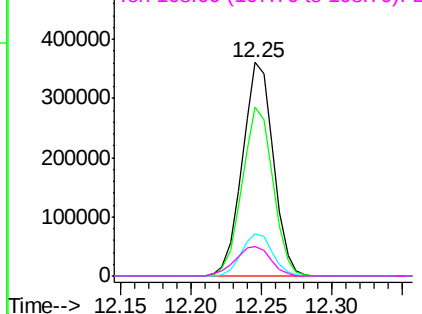
Abundance

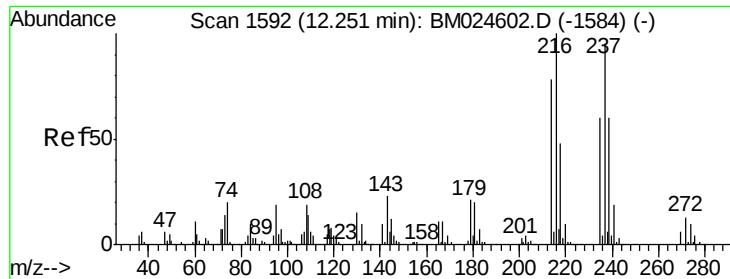
Ion 216.00 (215.70 to 216.70): E

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: 93.943 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

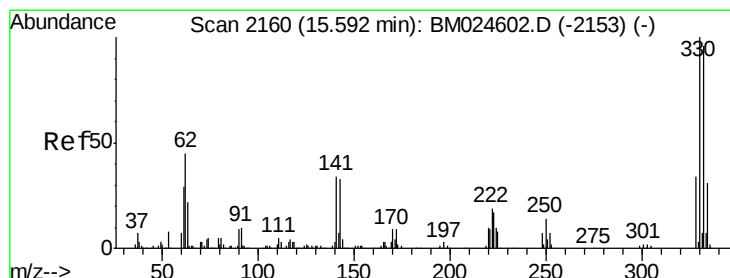
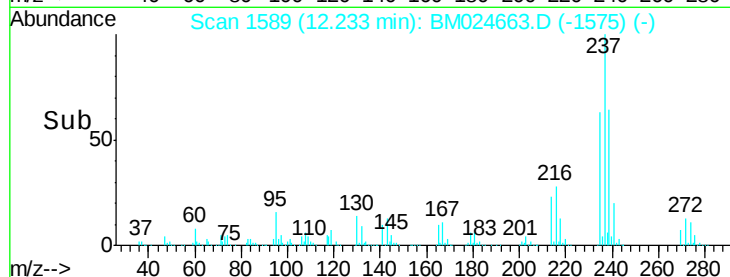
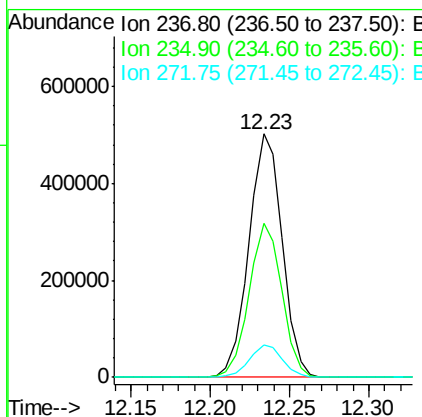
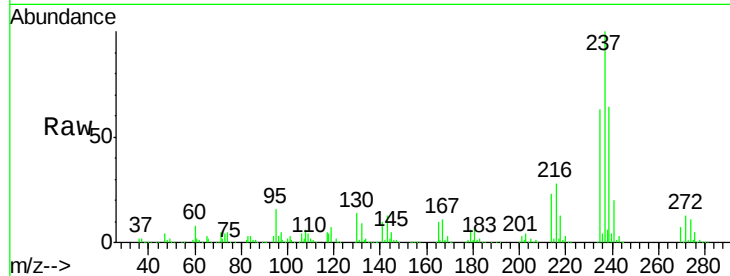
ClientSampleId :

PB126427BS

Tot Ion:	237	Resp:	733234
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.3	83.3
272	13.2	0.0	33.4

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#42

2,4,6-Tribromophenol

Concen: 111.521 ng

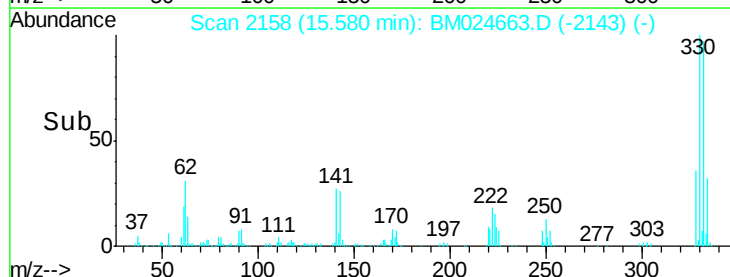
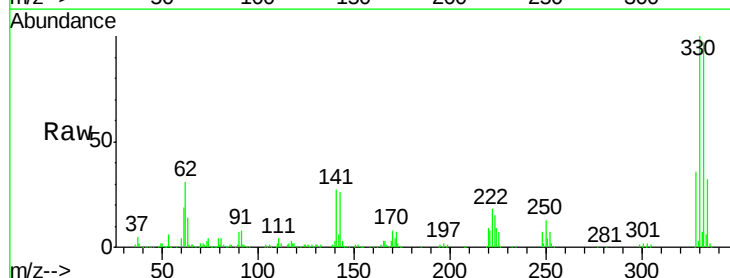
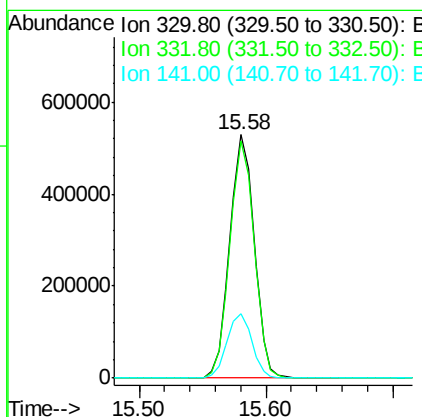
RT: 15.58 min Scan# 2158

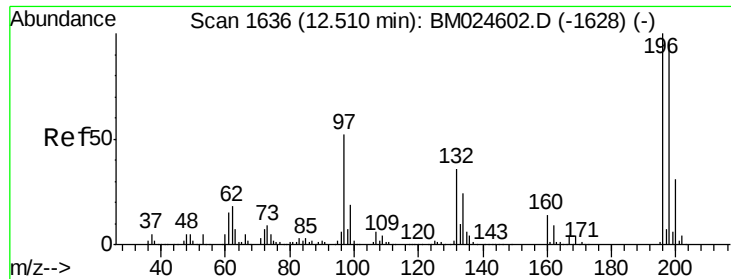
Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	330	Resp:	707774
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.2	115.8
141	27.0	26.9	40.3





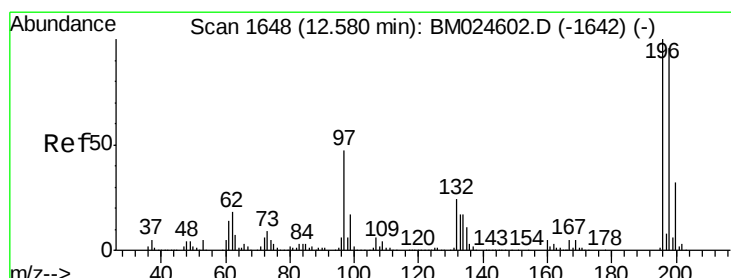
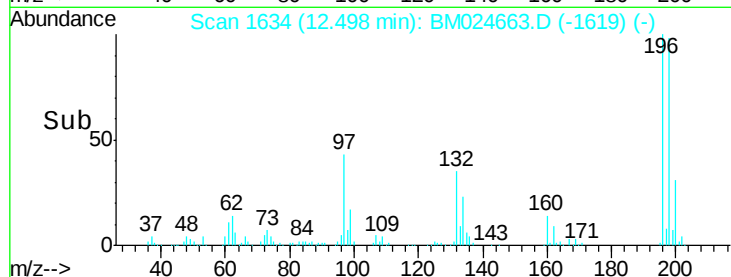
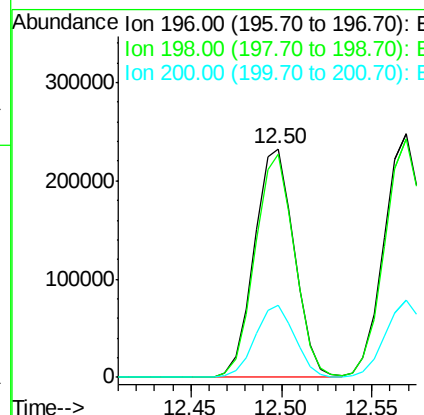
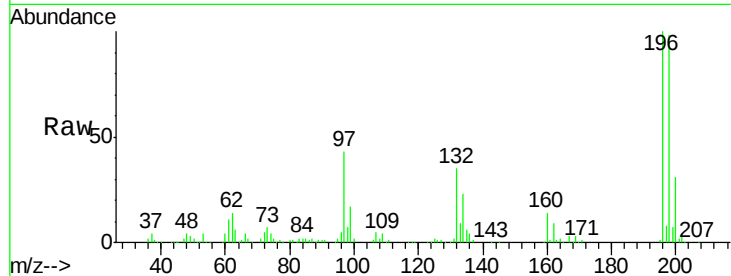
#43
 2,4,6-Trichlorophenol
 Concen: 40.181 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	356054		
198	97.9	76.5	114.7	
200	31.4	25.0	37.6	

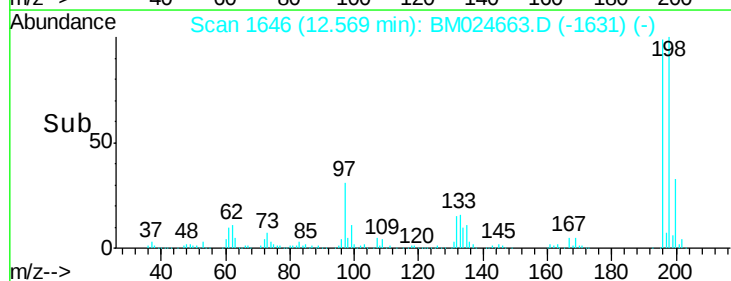
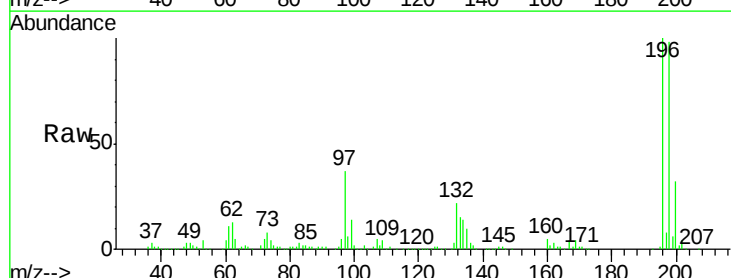
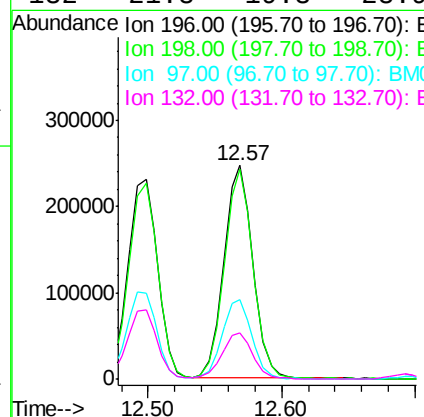
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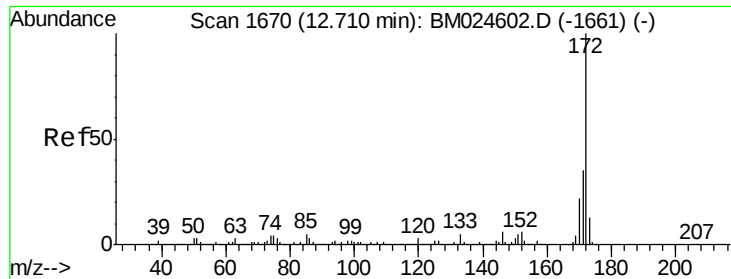
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.438 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	375000		
198	98.1	77.2	115.8	
97	37.0	37.4	56.0	
132	21.8	19.3	28.9	





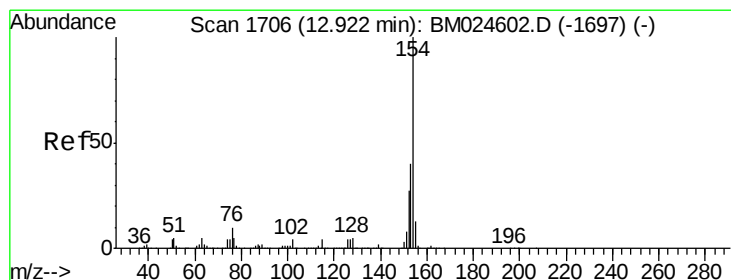
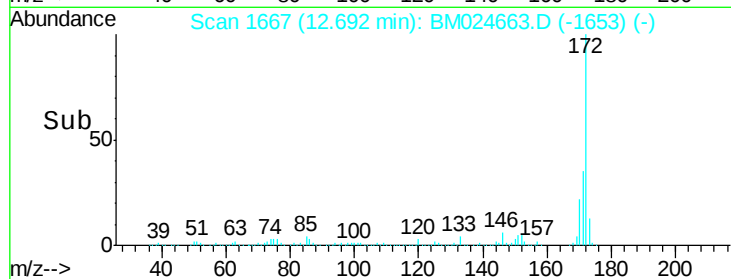
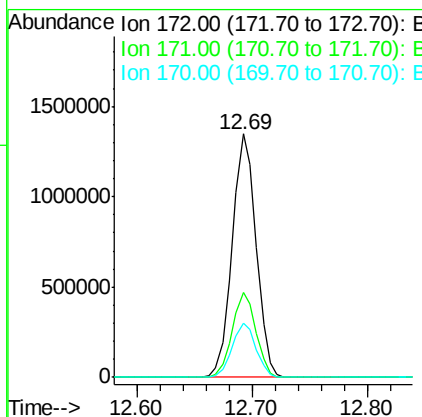
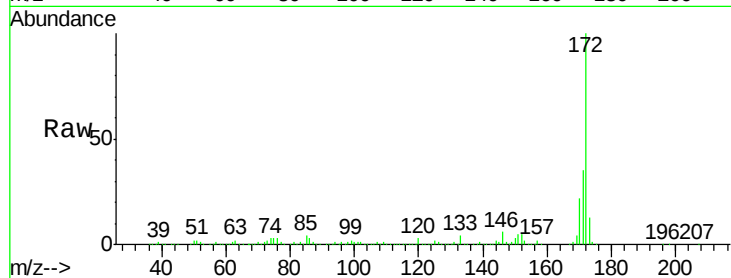
#45
2-Fluorobiphenyl
Concen: 67.137 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.1	17.9	26.9

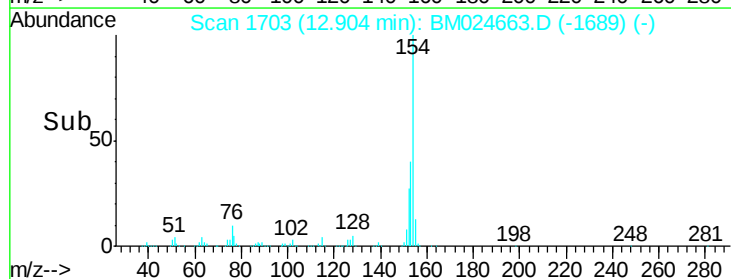
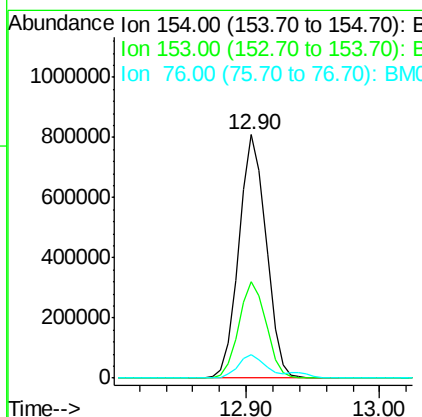
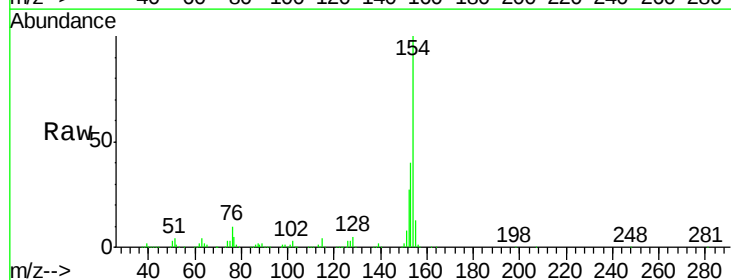
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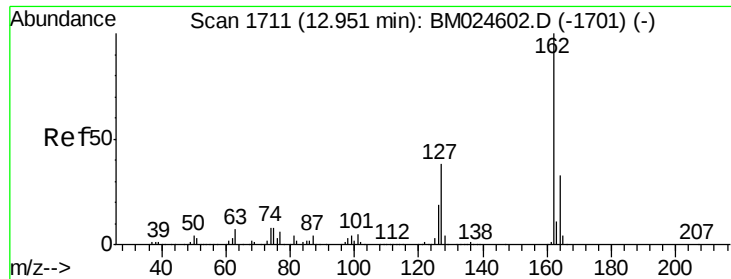
mohammad
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#46
1,1'-Biphenyl
Concen: 38.687 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	9.8	0.0	30.5





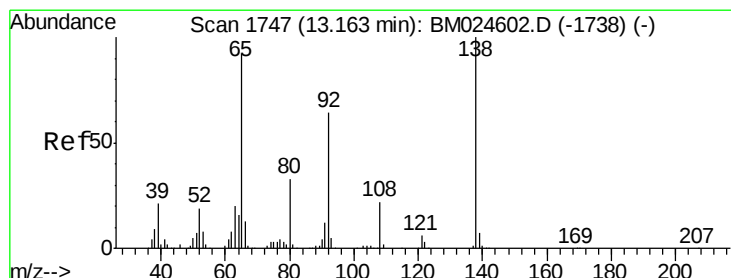
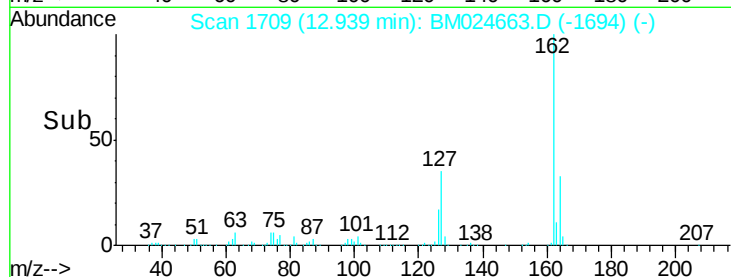
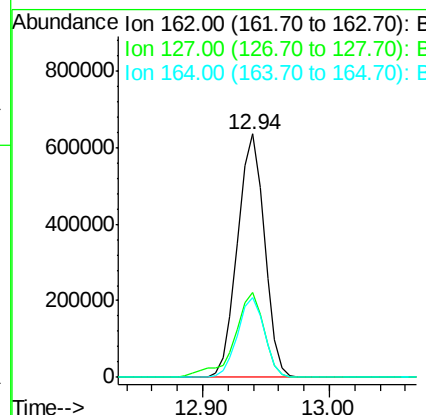
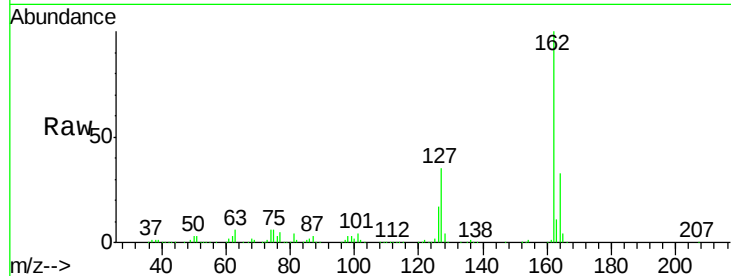
#47
 2-Chloronaphthalene
 Concen: 39.250 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	935587		
127	35.1	30.4	45.6	
164	32.6	26.5	39.7	

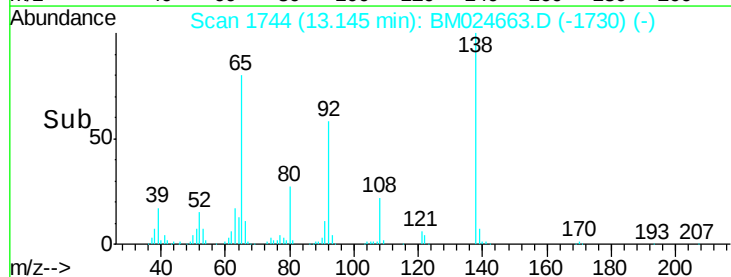
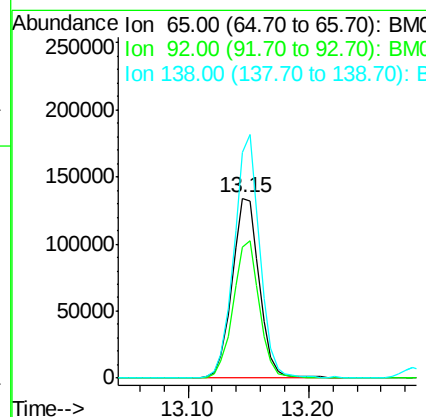
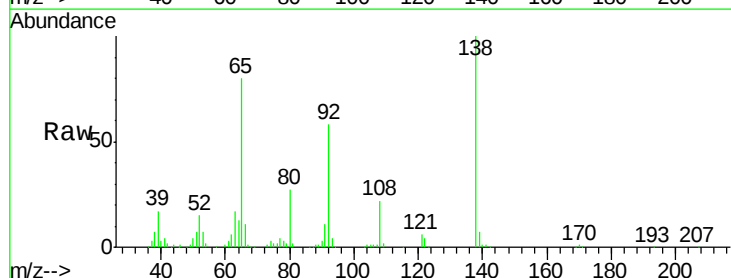
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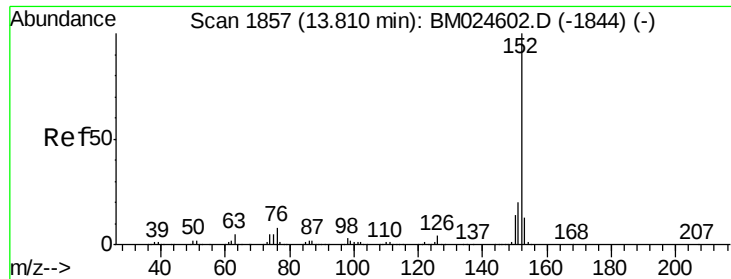
mohammad
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#48
 2-Nitroaniline
 Concen: 28.905 ng
 RT: 13.15 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	210139		
92	73.0	55.4	83.2	
138	125.5	86.6	129.8	





#49

Acenaphthylene

Concen: 39.836 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:152 Resp: 1421493

Ion Ratio Lower Upper

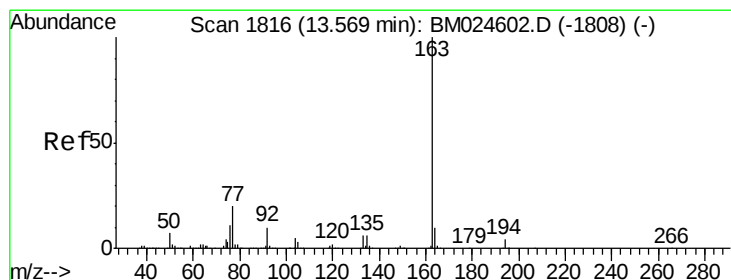
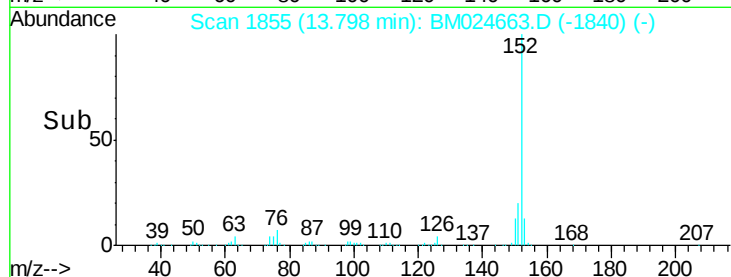
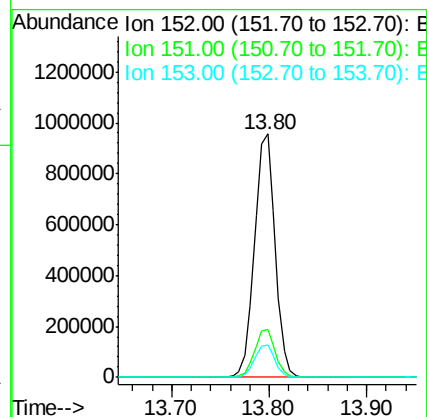
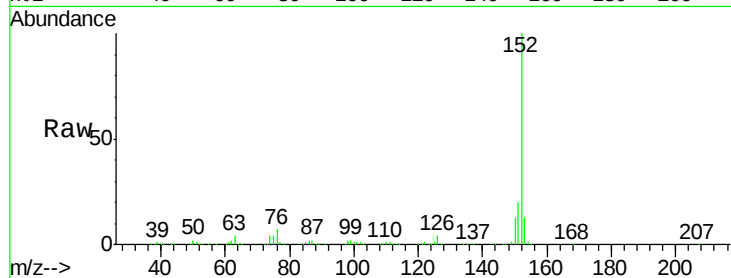
152 100

151 19.6 15.8 23.6

153 13.1 10.4 15.6

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#50

Dimethylphthalate

Concen: 35.358 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

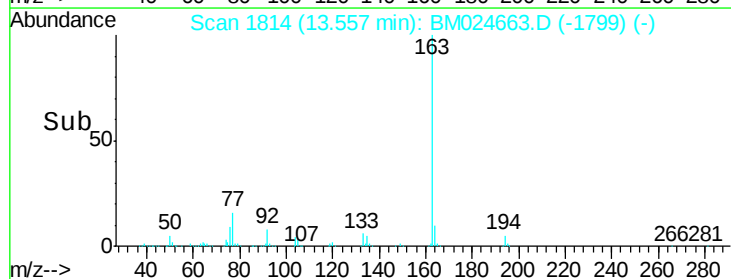
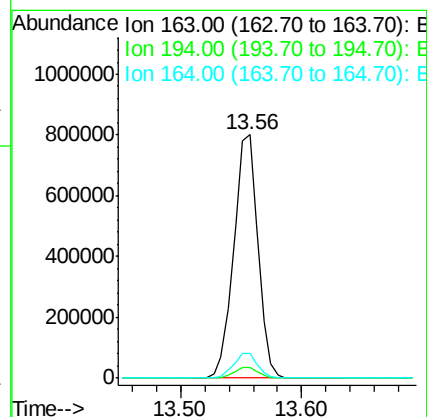
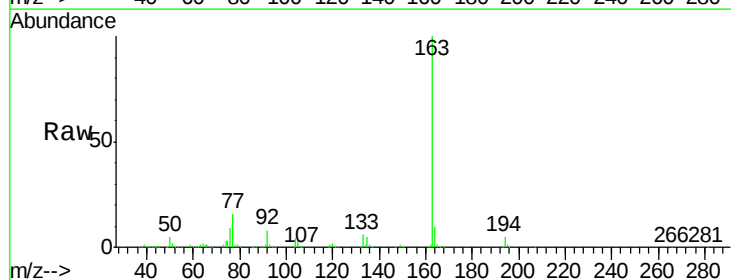
Tgt Ion:163 Resp: 1115526

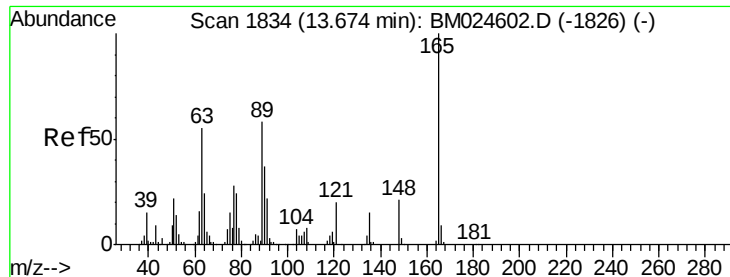
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

164 10.0 8.0 12.0





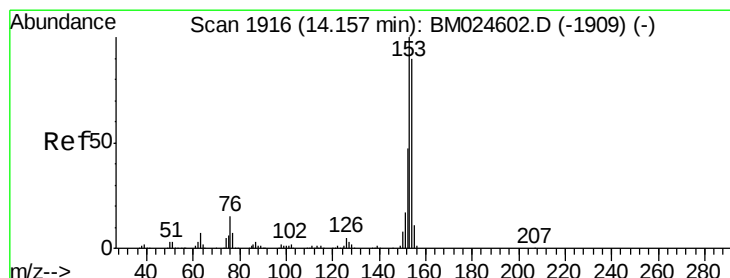
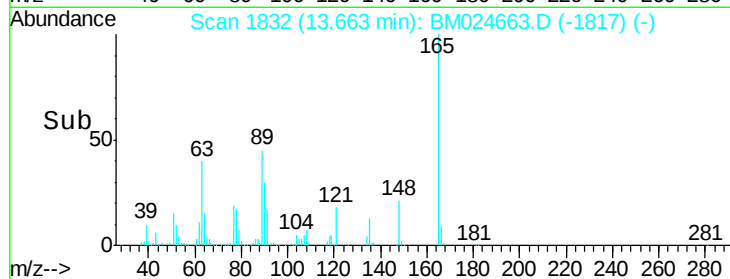
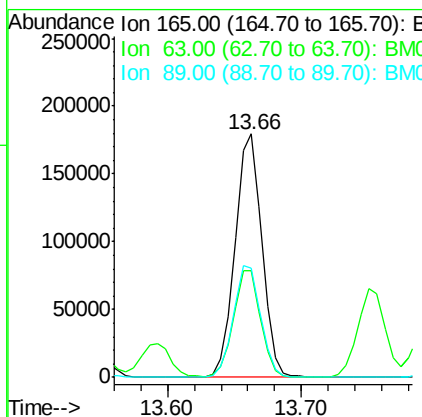
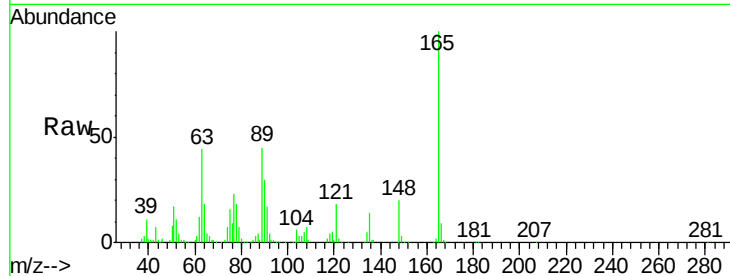
#51
2,6-Dinitrotoluene
Concen: 37.344 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	250487		
63	44.0		45.4	68.0#
89	44.9		46.6	69.8#

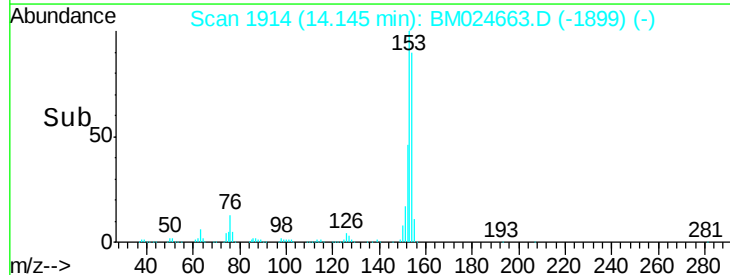
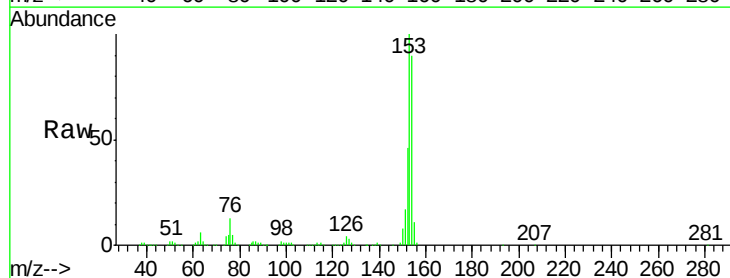
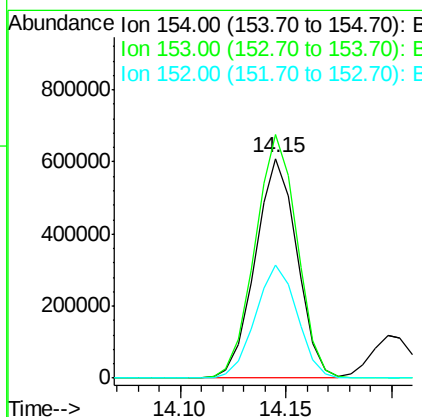
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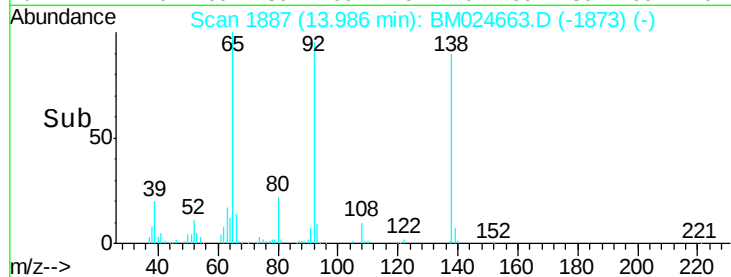
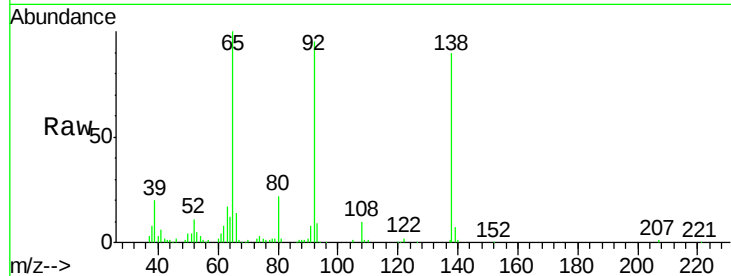
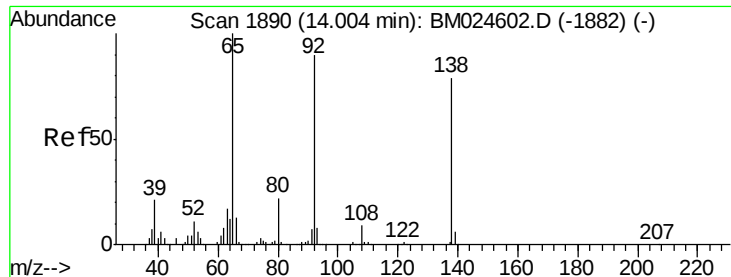
mohammad
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#52
Acenaphthene
Concen: 38.060 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	842757		
153	110.7		89.1	133.7
152	51.2		41.9	62.9





#53

3-Nitroaniline

Concen: 22.008 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

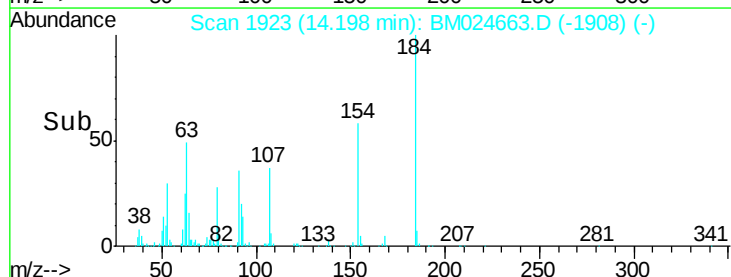
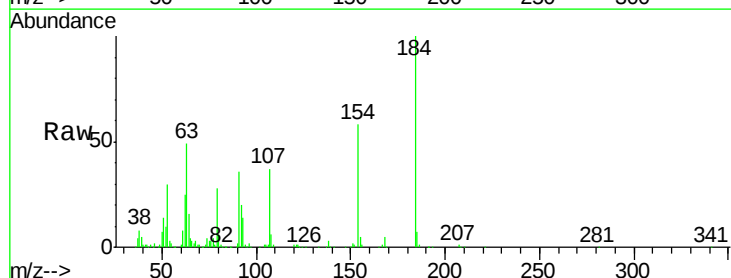
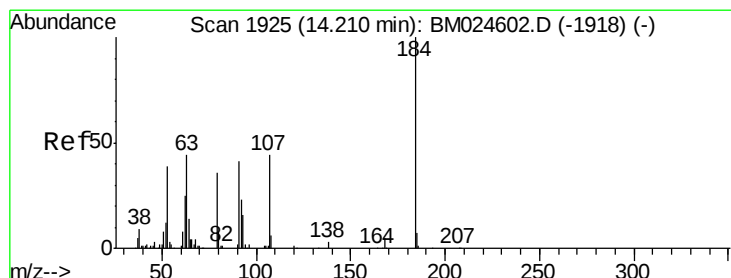
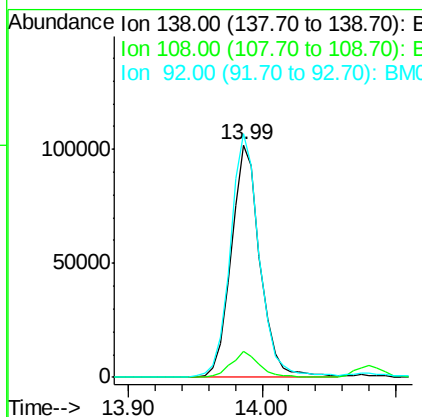
ClientSampleId :

PB126427BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	104.8	91.0	136.4

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#54

2,4-Dinitrophenol

Concen: 74.179 ng

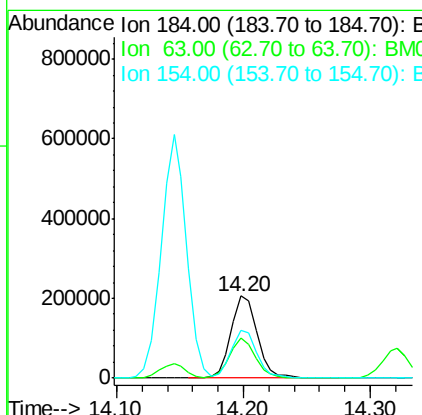
RT: 14.20 min Scan# 1923

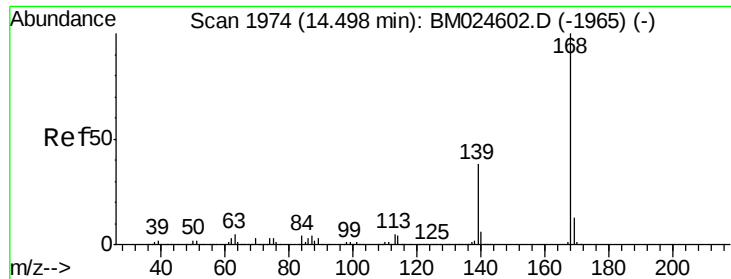
Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.4	51.8	77.8#
154	58.3	50.2	75.4





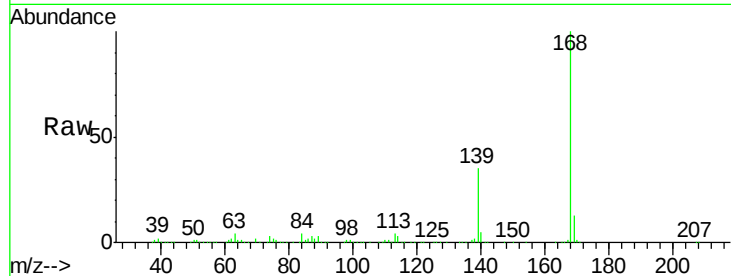
#55
Dibenzofuran
Concen: 38.773 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	30.2	45.4
169	13.4	10.7	16.1

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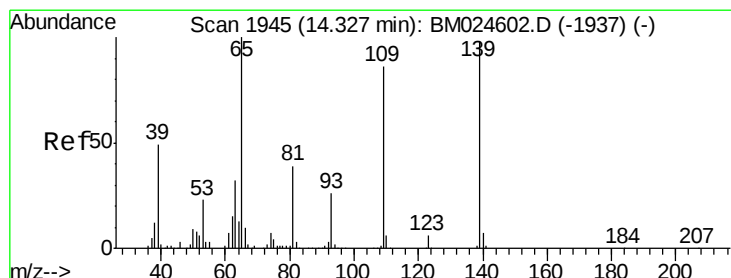
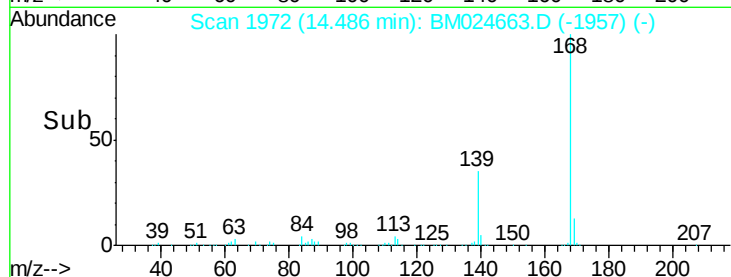
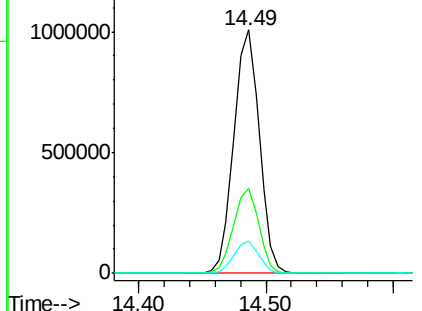


Abundance

Ion 168.00 (167.70 to 168.70): E

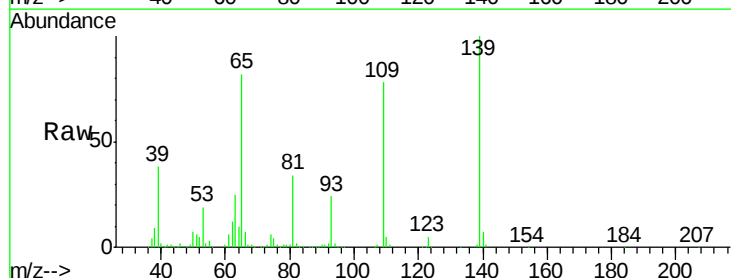
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 78.045 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.2	67.4	107.4
65	81.7	82.1	122.1#

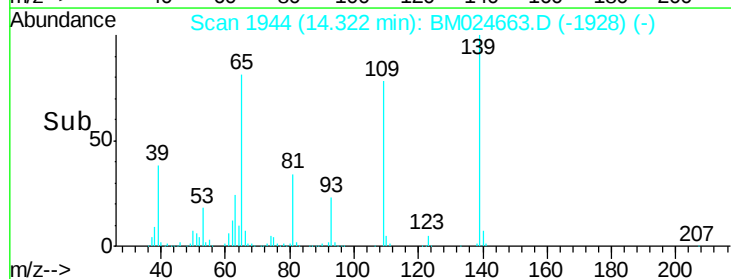
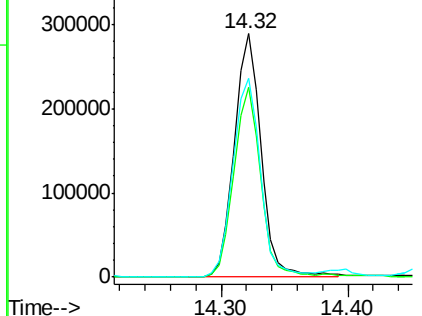


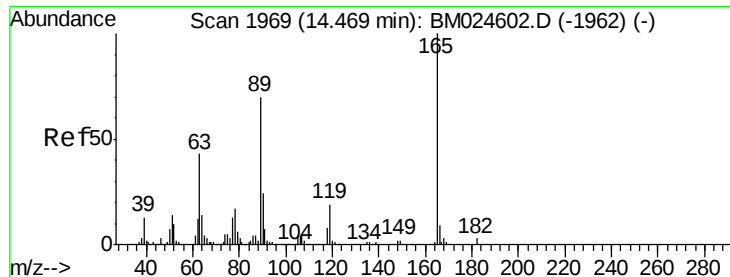
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0





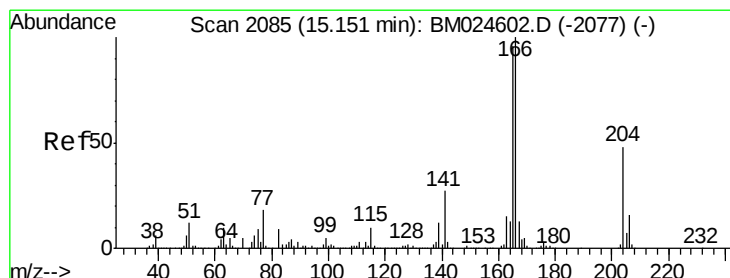
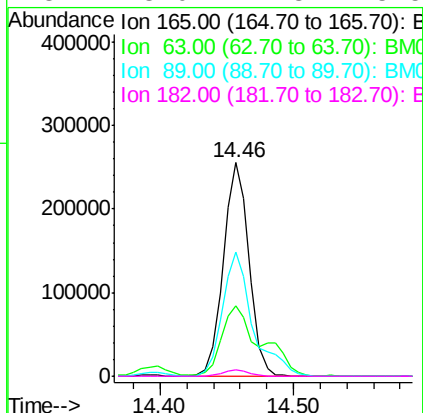
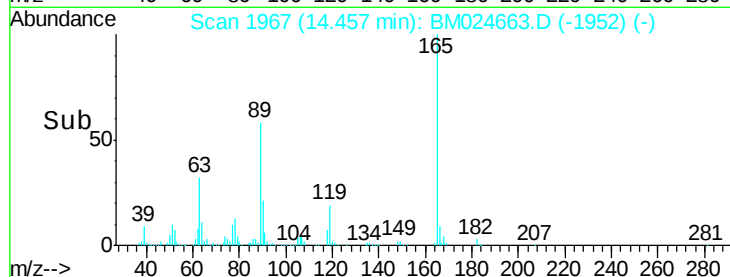
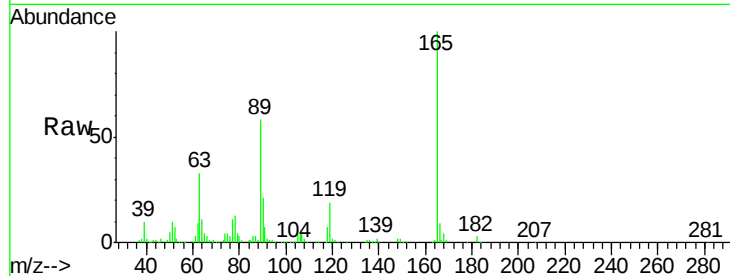
#57
2,4-Dinitrotoluene
Concen: 35.889 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	345008		
63	33.3	34.5	51.7#	
89	58.0	55.8	83.8	
182	3.0	2.3	3.5	

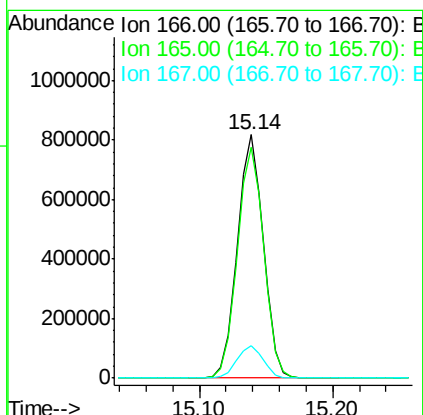
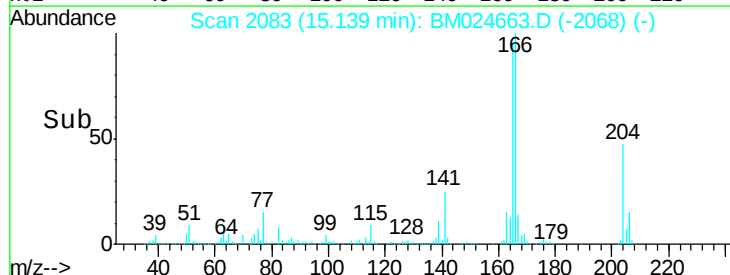
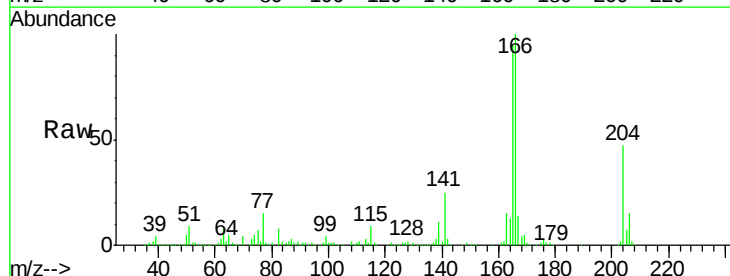
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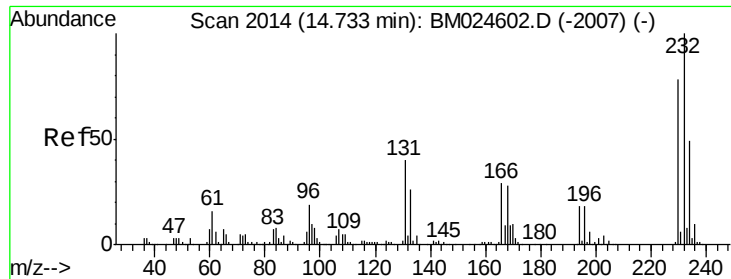
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#58
Fluorene
Concen: 36.369 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1103729		
165	95.0	76.6	114.8	
167	13.6	10.8	16.2	





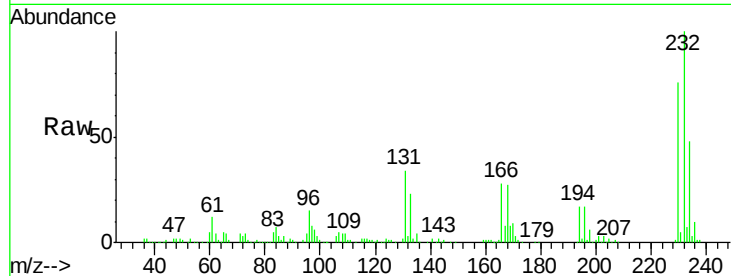
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.396 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

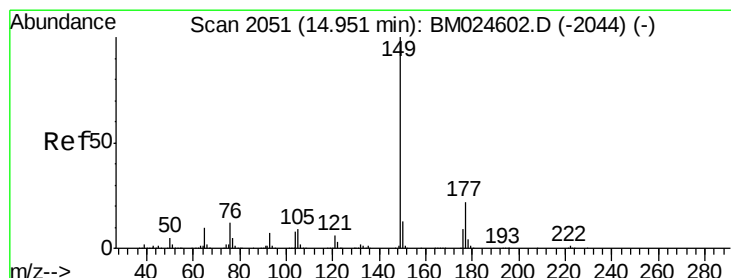
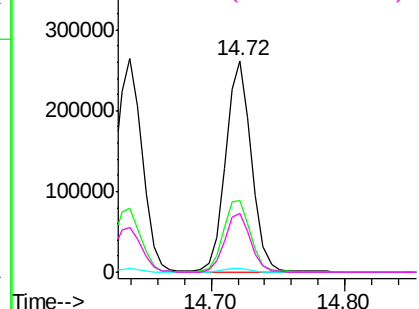
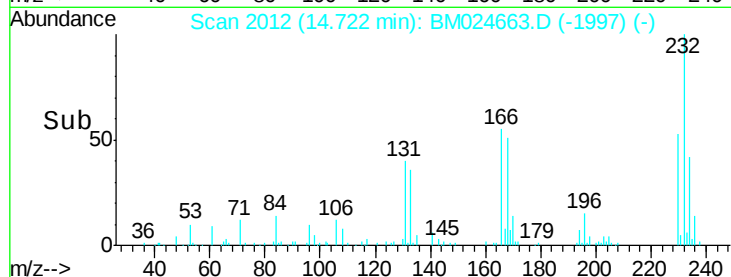
Tot Ion	Ratio	Resp	Lower	Upper
232	100	352367		
131	36.3	32.2	48.4	
130	2.0	1.9	2.9	
166	28.5	23.4	35.0	

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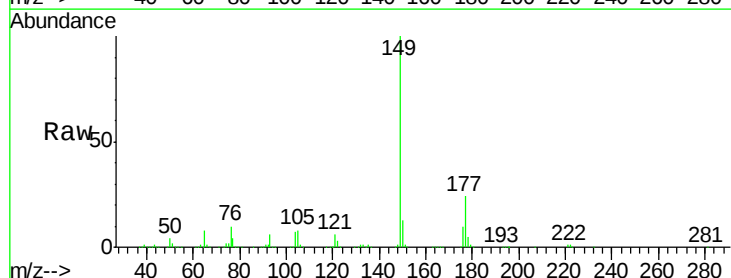


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

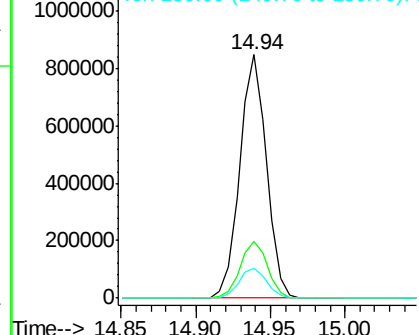
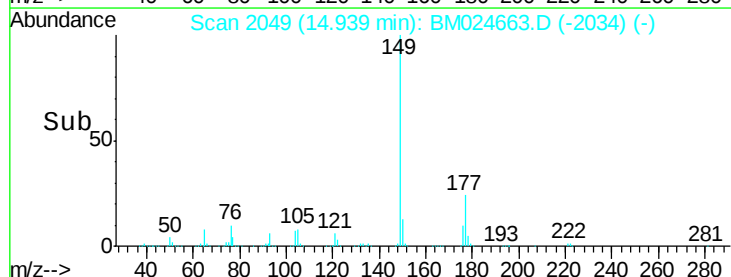


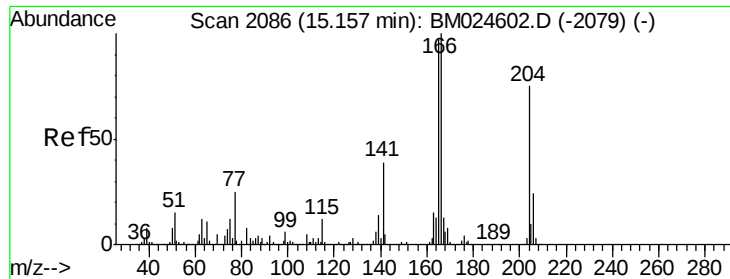
#60
Diethylphthalate
Concen: 32.934 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1054856		
177	23.5	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





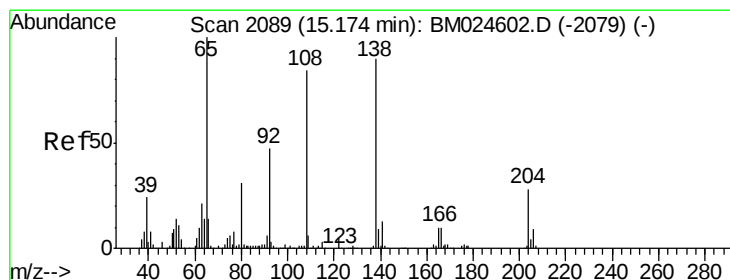
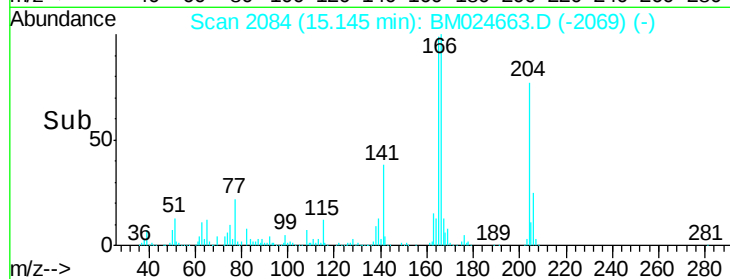
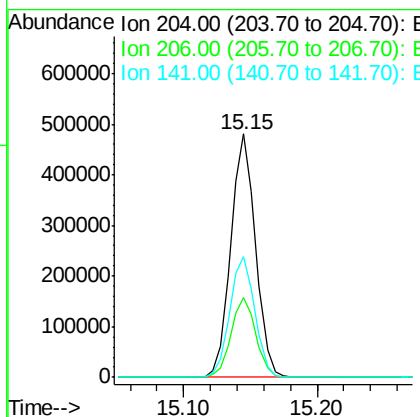
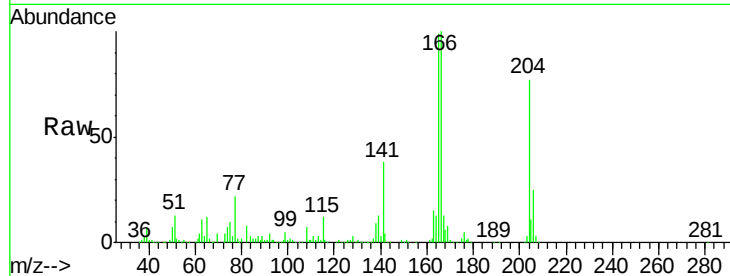
#61
 4-Chlorophenyl-phenylether
 Concen: 35.472 ng
 RT: 15.15 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	620624		
206	32.6		26.2	39.2
141	49.3		42.2	63.2

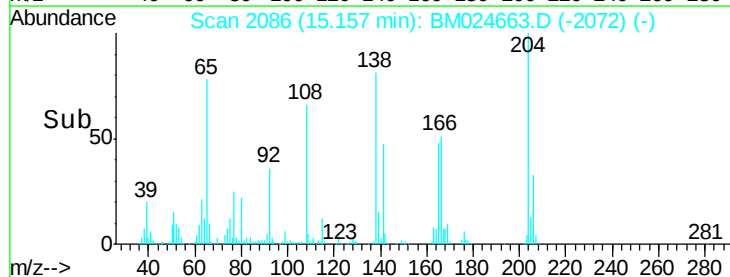
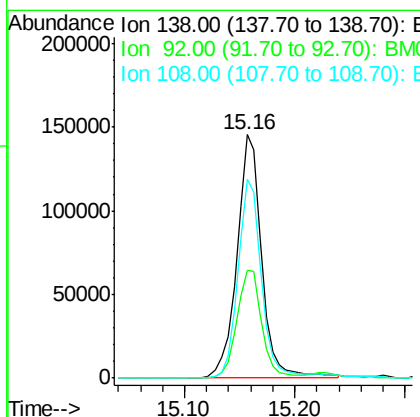
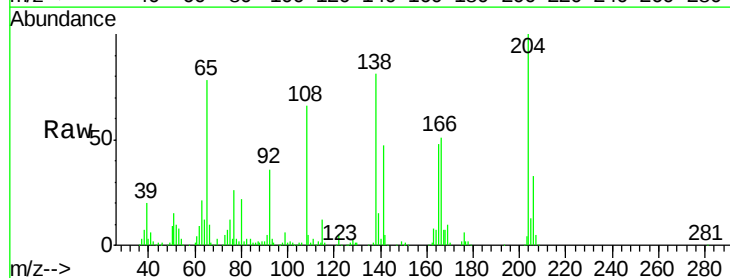
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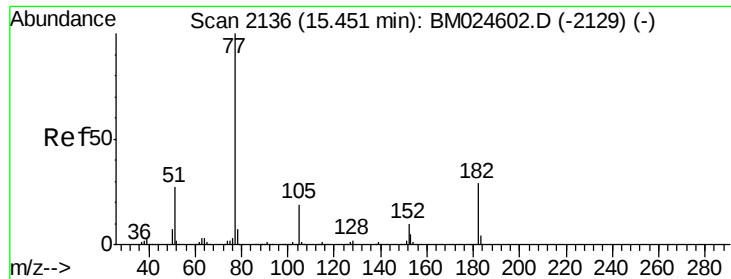
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#62
 4-Nitroaniline
 Concen: 29.993 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	230324		
92	44.5		32.4	72.4
108	81.7		73.3	113.3





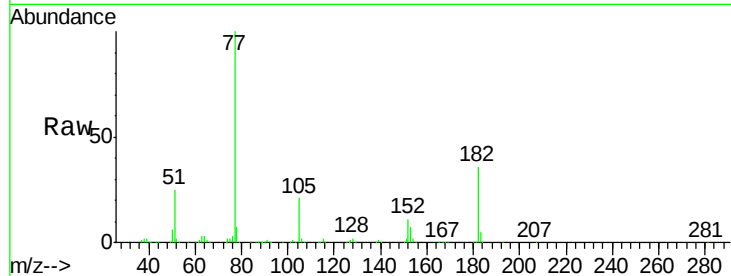
#63
Azobenzene
Concen: 30.354 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

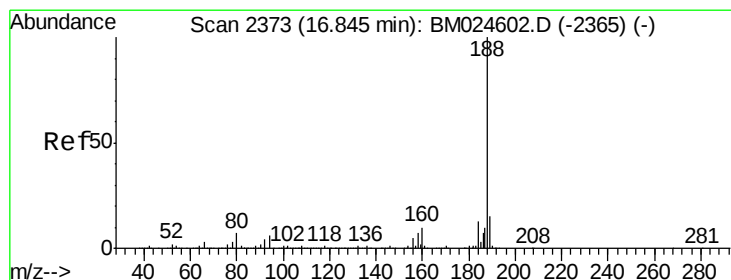
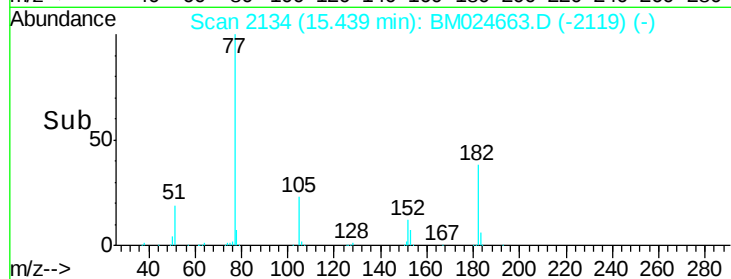
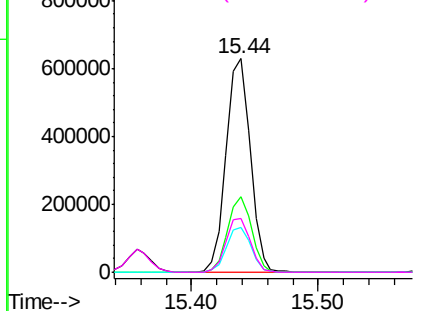
Tot Ion	Ratio	Lower	Upper
77	100		
182	35.6	8.7	48.7
105	21.3	0.0	39.2
51	24.9	7.5	47.5

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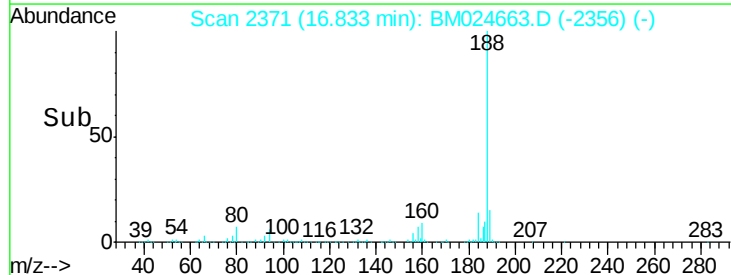
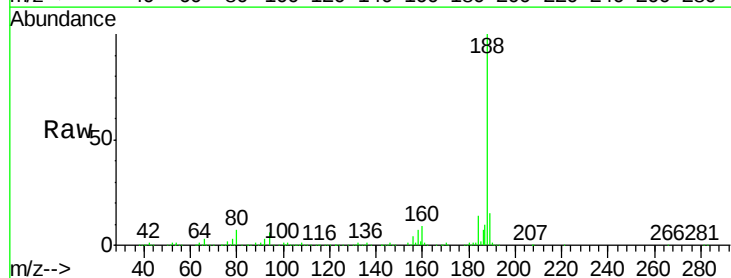
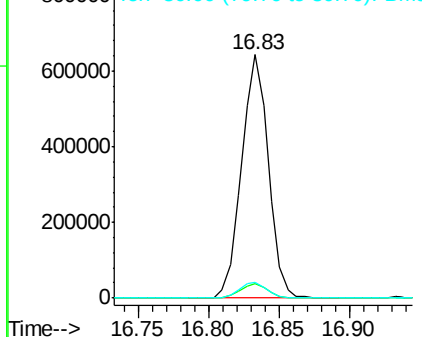
Abundance Ion 77.00 (76.70 to 77.70): BM024663.D (-2119) (-)
Ion 182.00 (181.70 to 182.70): BM024663.D (-2119) (-)
Ion 105.00 (104.70 to 105.70): BM024663.D (-2119) (-)
Ion 51.00 (50.70 to 51.70): BM024663.D (-2119) (-)

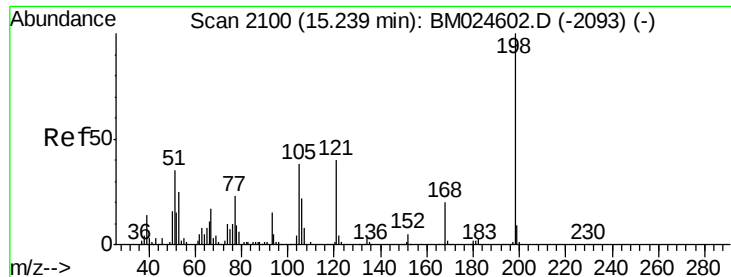


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.6
80	6.5	5.8	8.8

Abundance Ion 188.00 (187.70 to 188.70): BM024663.D (-2356) (-)
Ion 94.00 (93.70 to 94.70): BM024663.D (-2356) (-)
Ion 80.00 (79.70 to 80.70): BM024663.D (-2356) (-)





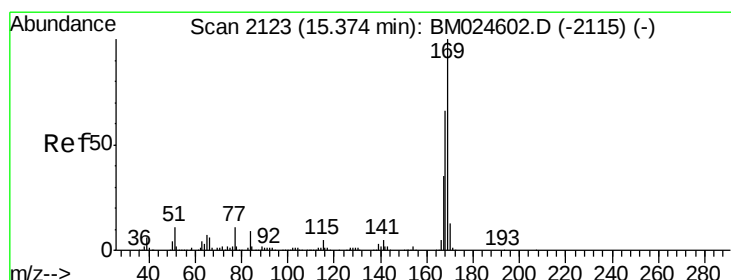
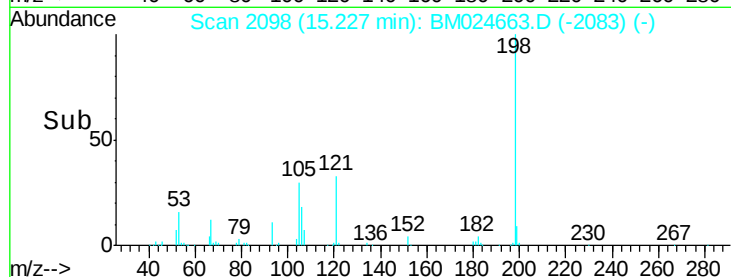
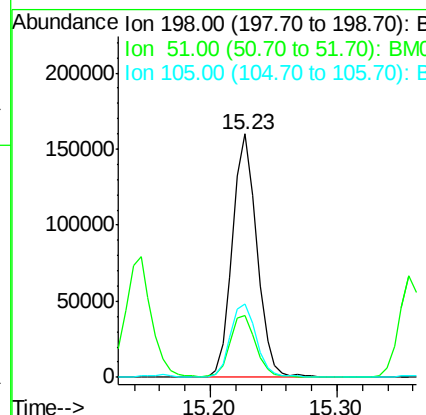
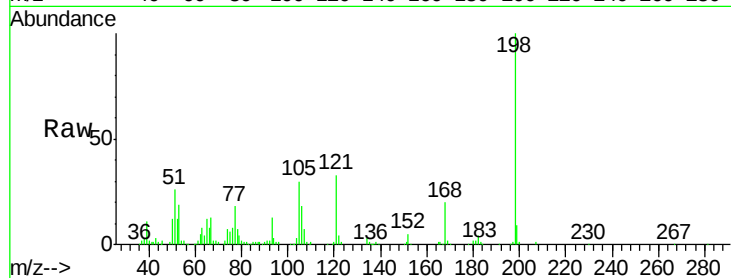
#65
4,6-Dinitro-2-methylphenol
Concen: 42.673 ng
RT: 15.23 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	213988		
51	25.7		15.8	55.8
105	30.4		18.5	58.5

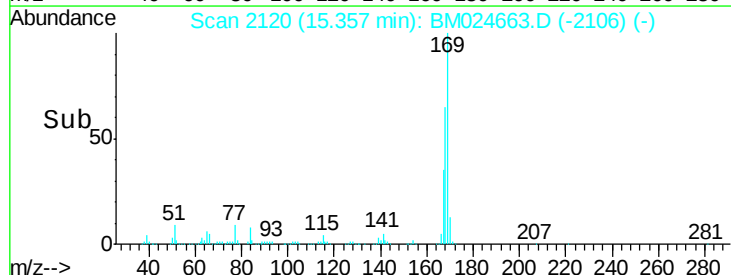
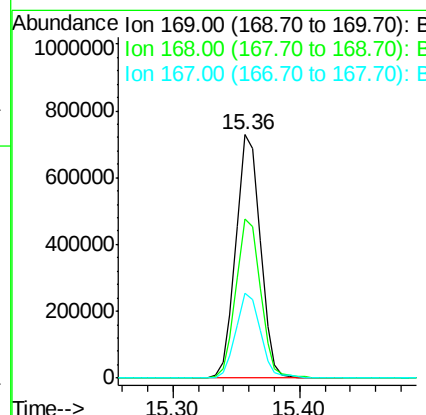
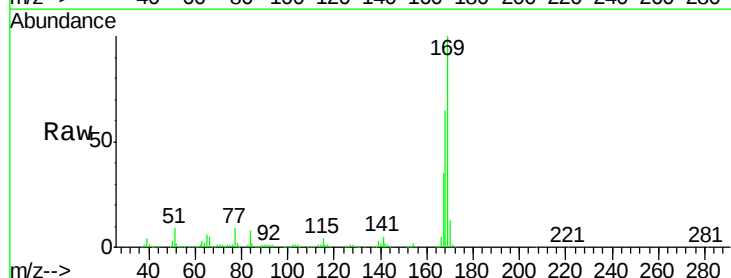
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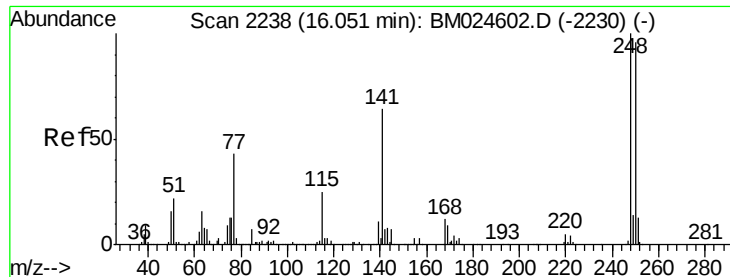
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.500 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	967694		
168	65.3		52.8	79.2
167	35.0		28.2	42.2





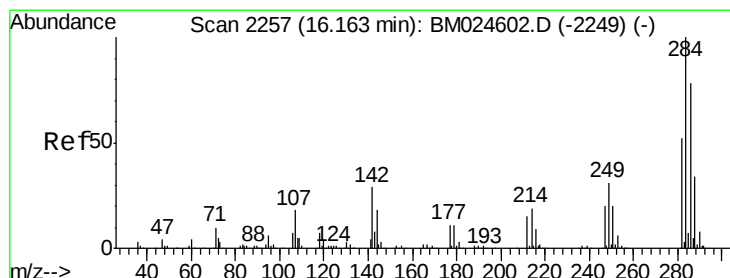
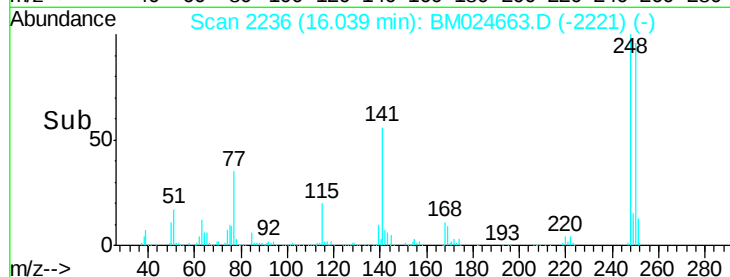
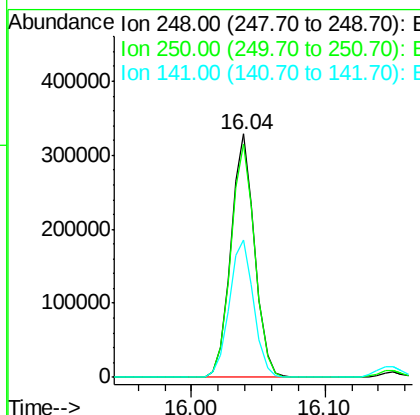
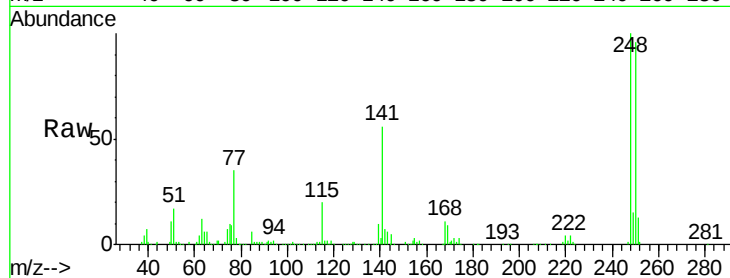
#67
 4-Bromophenyl-phenylether
 Concen: 38.341 ng
 RT: 16.04 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.0	115.6
141	56.3	50.9	76.3

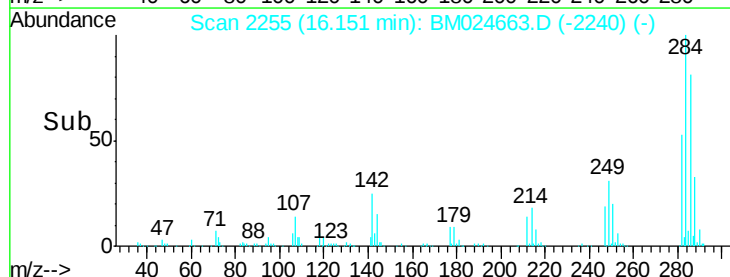
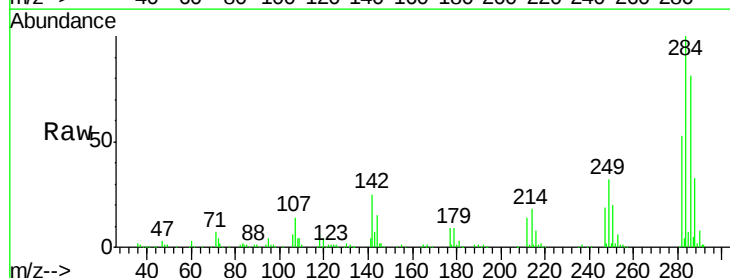
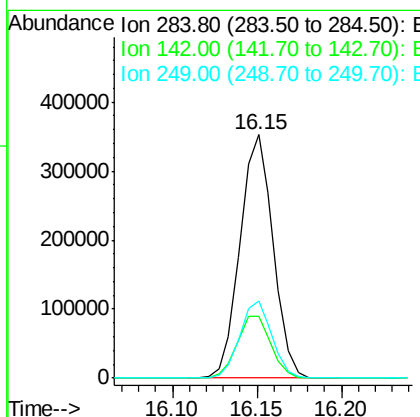
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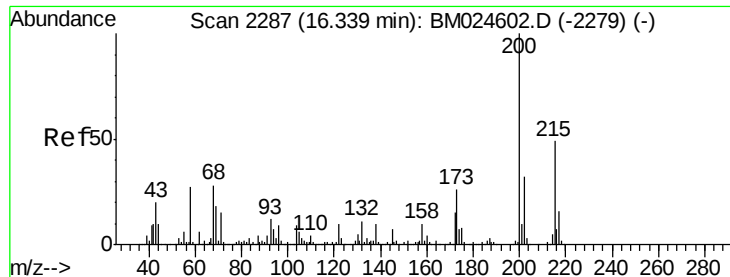
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.385 ng
 RT: 16.15 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	23.5	35.3
249	31.6	24.6	36.8





#69

Atrazine

Concen: 40.520 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

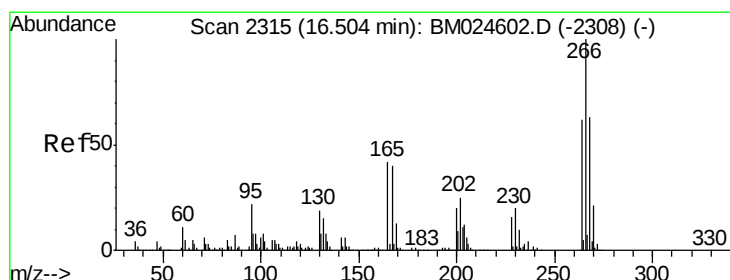
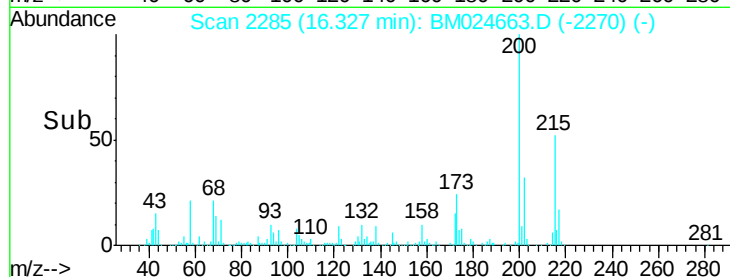
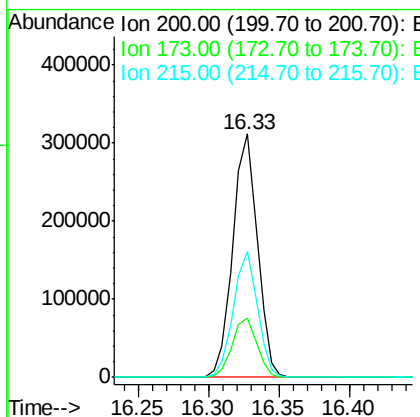
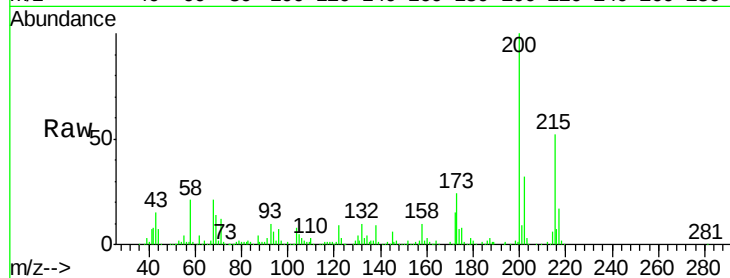
ClientSampleId :

PB126427BS

Tot Ion:	200	Resp:	381038
Ion Ratio	Lower	Upper	
200	100		
173	24.2	5.5	45.5
215	51.9	29.4	69.4

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#70

Pentachlorophenol

Concen: 81.055 ng

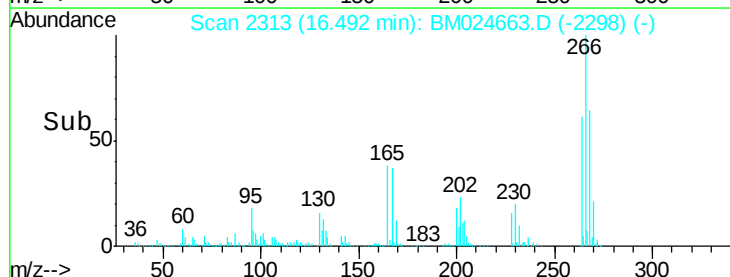
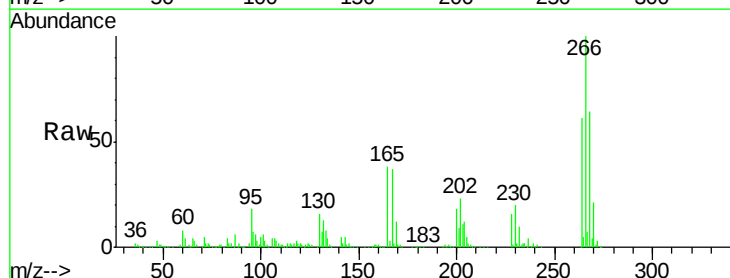
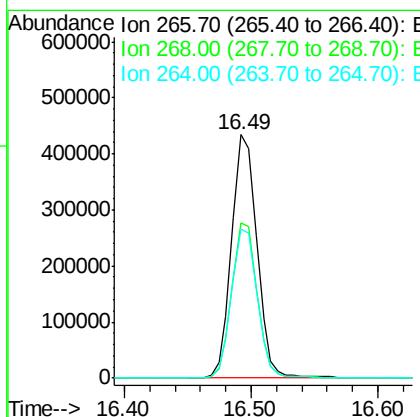
RT: 16.49 min Scan# 2313

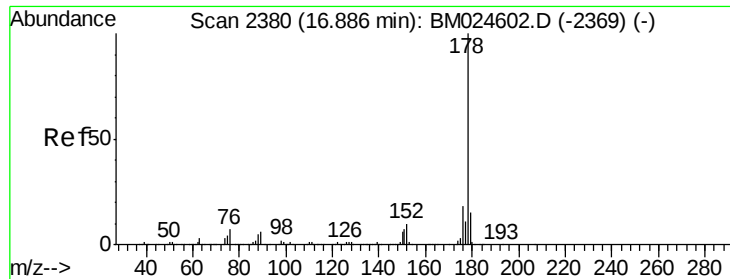
Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	266	Resp:	600906
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.4	75.6
264	61.2	49.9	74.9





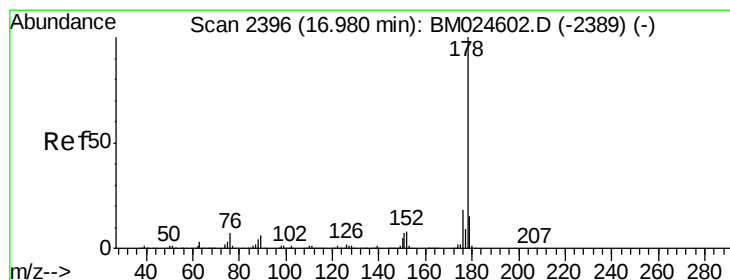
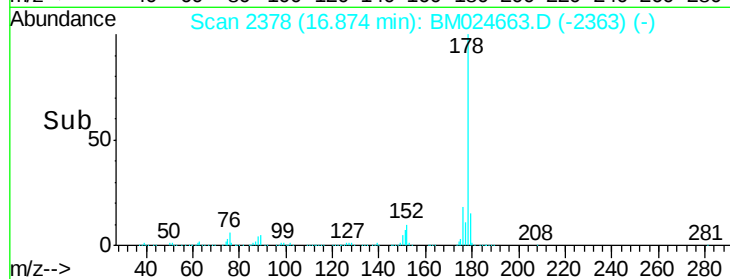
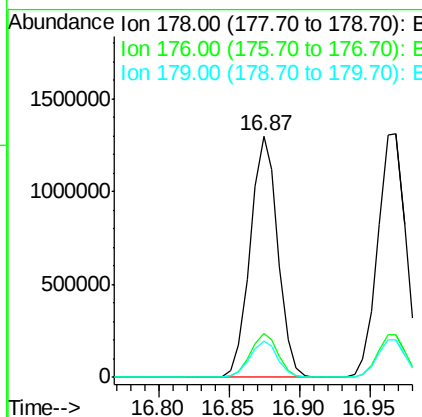
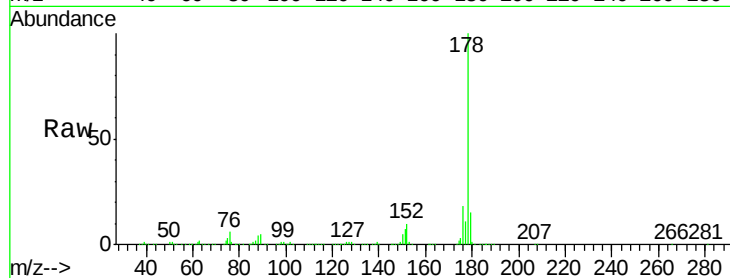
#71
Phenanthrene
Concen: 38.669 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.3	11.9	17.9

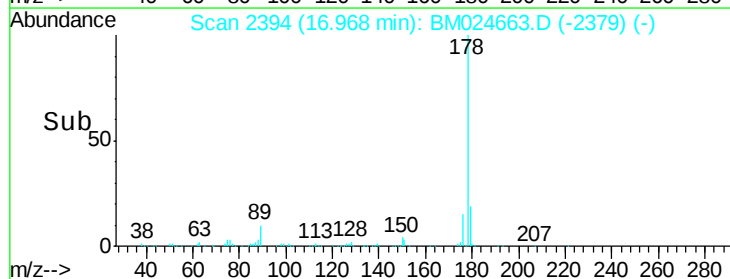
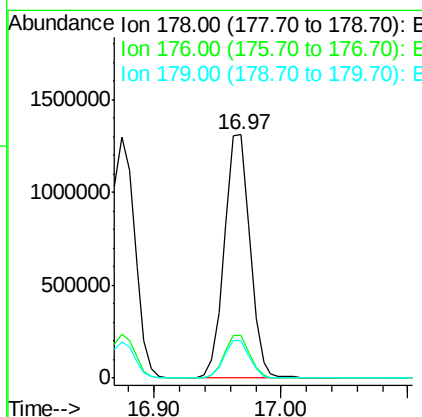
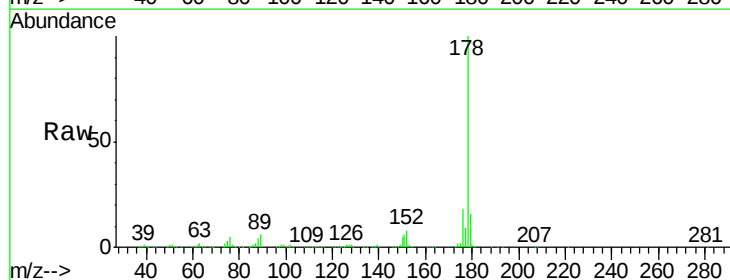
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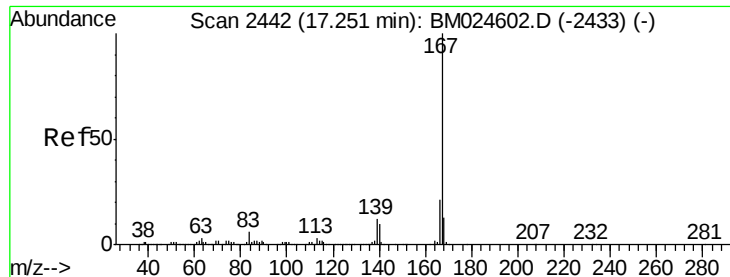
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#72
Anthracene
Concen: 40.218 ng
RT: 16.97 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.6	12.1	18.1





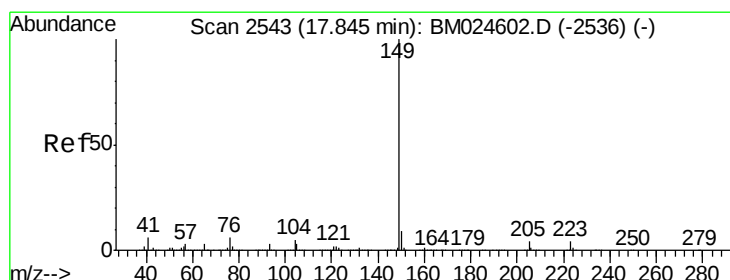
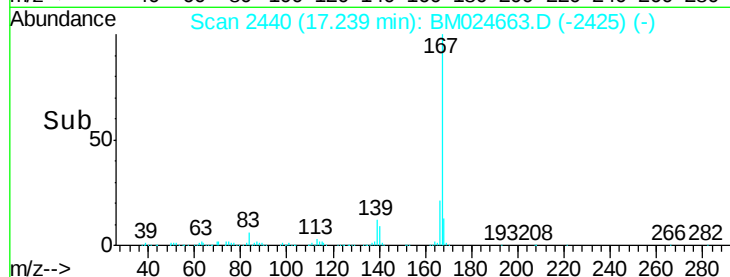
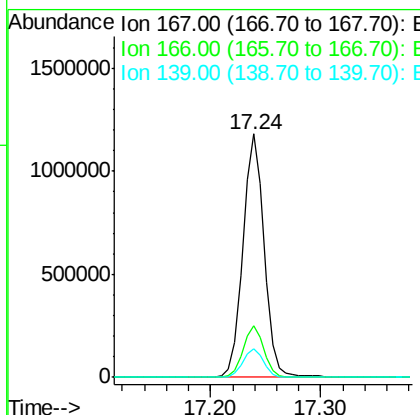
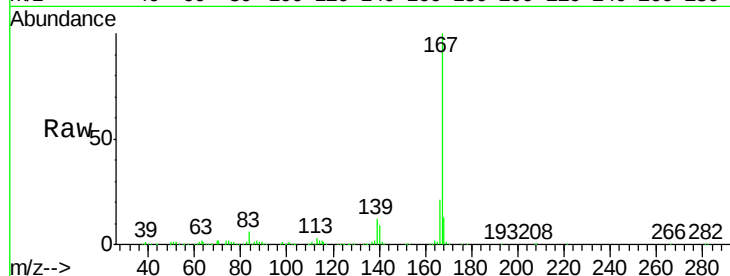
#73
 Carbazole
 Concen: 38.751 ng
 RT: 17.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Instrument :
 BNA_M
 ClientSampleId :
 PB126427BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.2	17.1	25.7	
139	11.8	9.8	14.8	

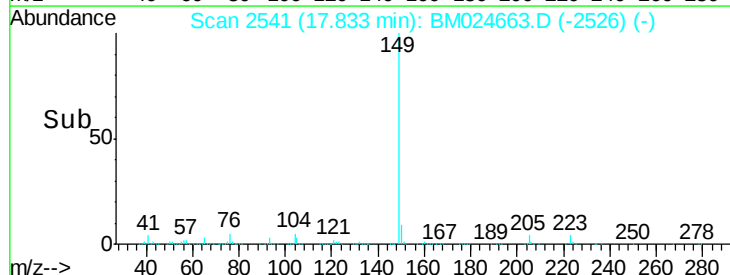
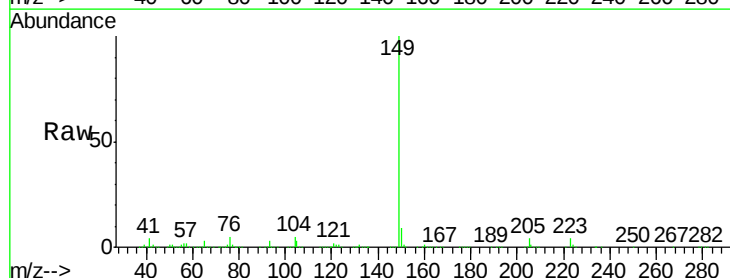
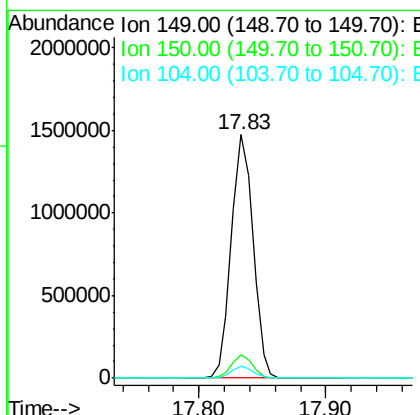
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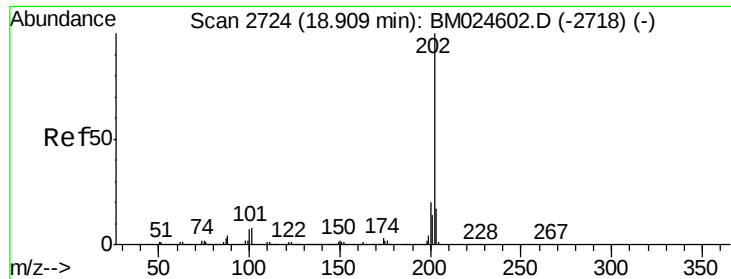
mohammad
 2/3/2020 7:55:35 AM



#74
 Di-n-butylphthalate
 Concen: 33.271 ng
 RT: 17.83 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM024663.D
 Acq: 30 Jan 2020 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.5	7.4	11.0	
104	4.9	4.3	6.5	





#75

Fluoranthene

Concen: 38.860 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

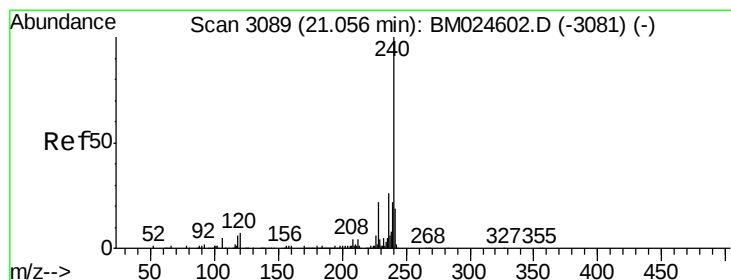
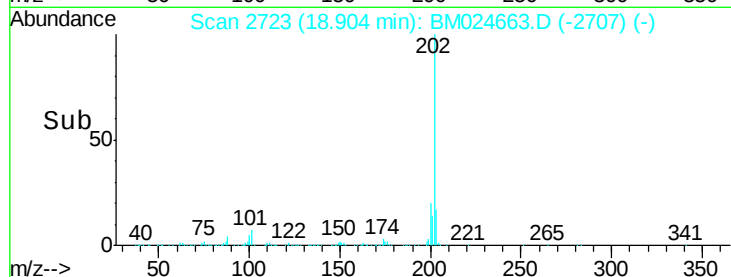
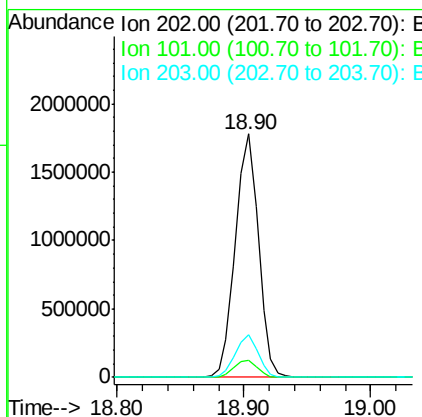
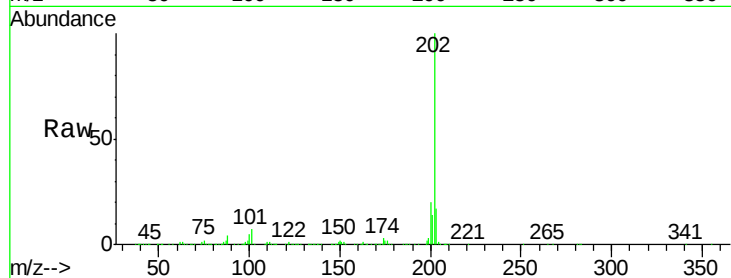
ClientSampleId :

PB126427BS

Tot Ion:	202	Resp:	2239992
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.4
203	17.5	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

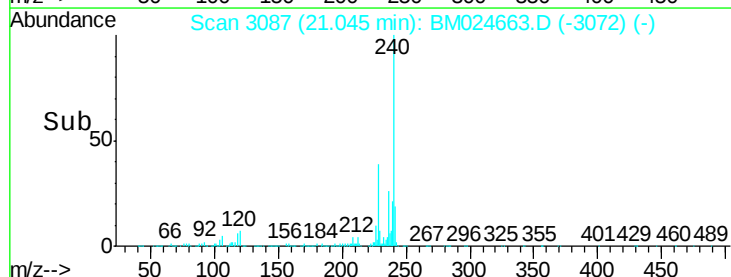
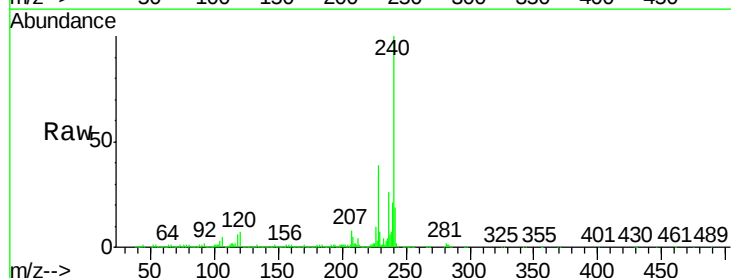
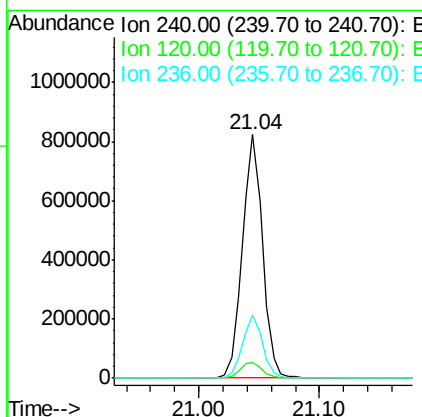
RT: 21.04 min Scan# 3087

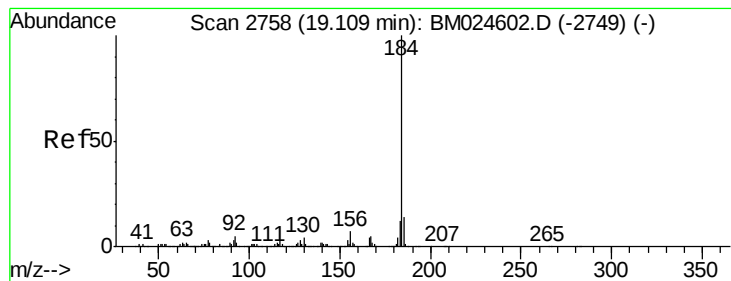
Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	240	Resp:	964829
Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.3	7.9
236	26.1	20.6	31.0





#77

Benzidine

Concen: 61.739 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:184 Resp: 1387245

Ion Ratio Lower Upper

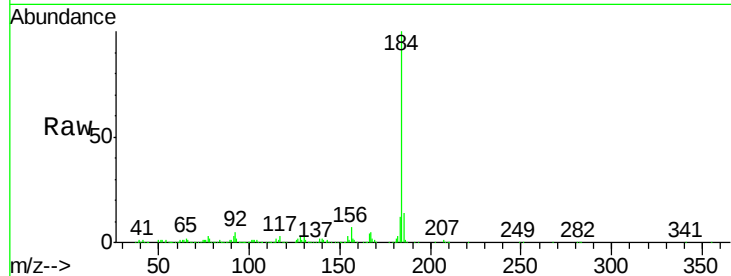
184 100

185 13.6 11.3 16.9

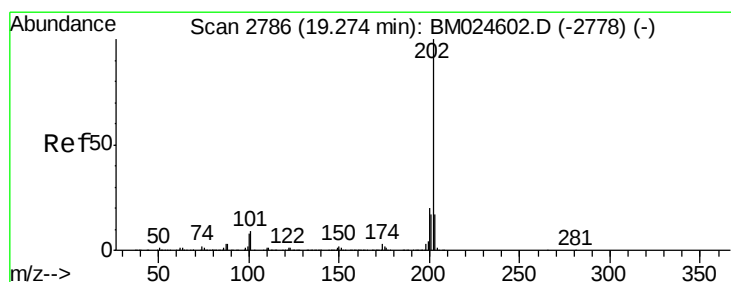
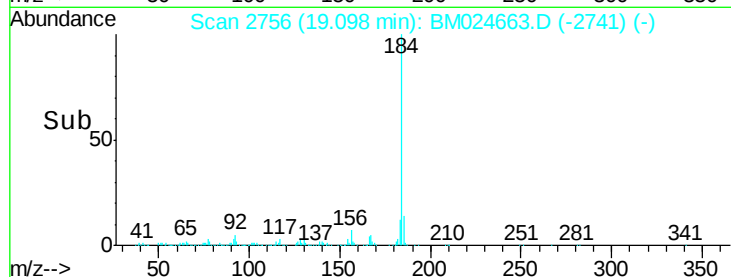
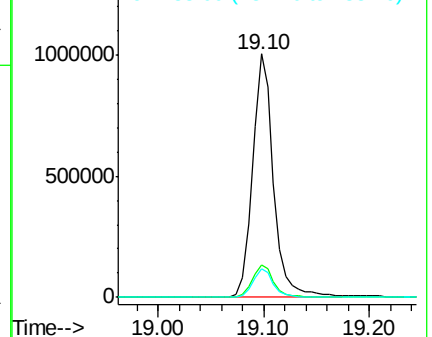
183 11.6 9.6 14.4

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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: 36.517 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

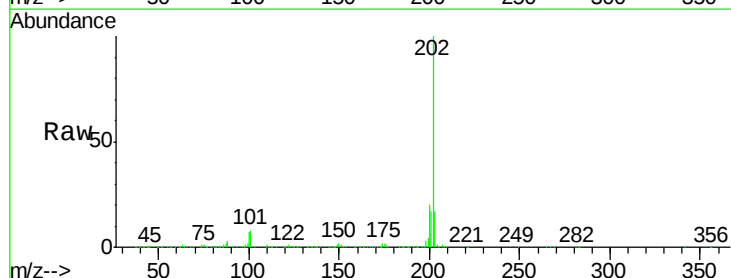
Tgt Ion:202 Resp: 2322686

Ion Ratio Lower Upper

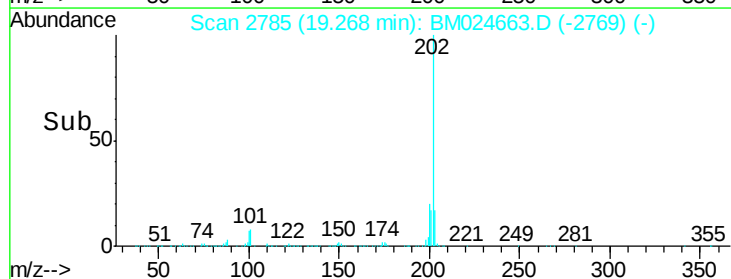
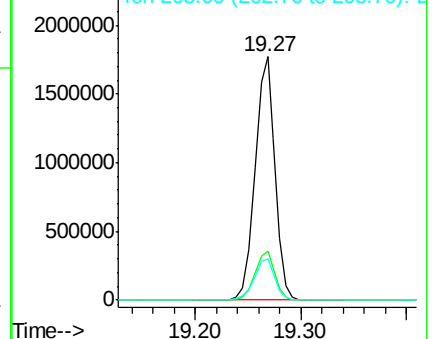
202 100

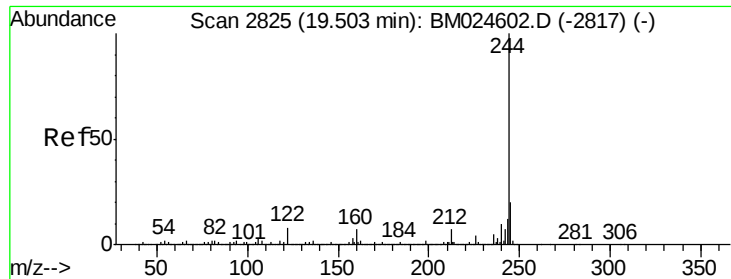
200 20.4 16.2 24.2

203 17.2 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: 62.754 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:244 Resp: 3243174

Ion Ratio Lower Upper

244 100

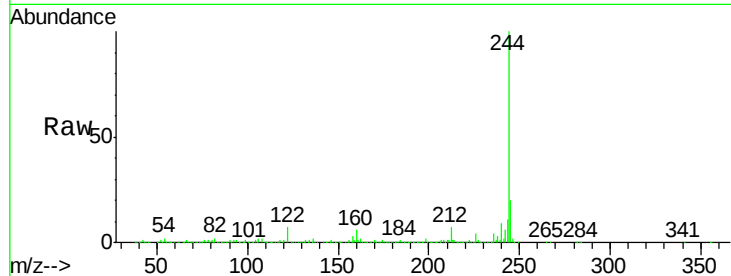
212 6.5 5.4 8.2

122 6.9 6.2 9.4

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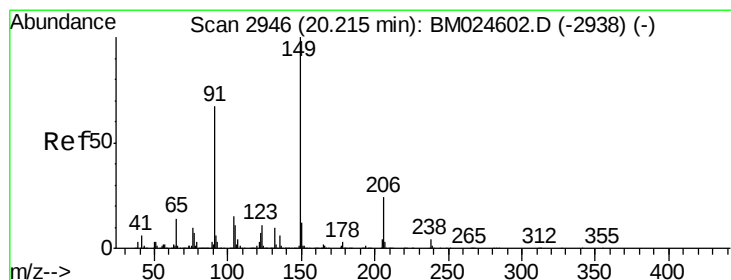
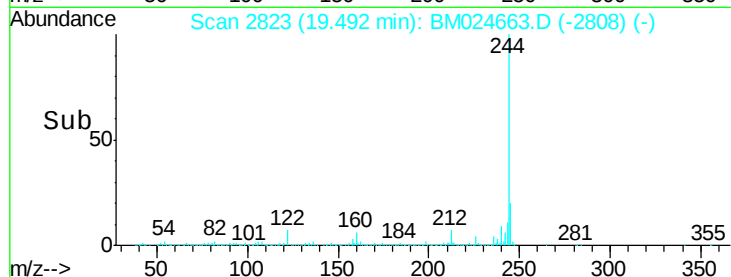
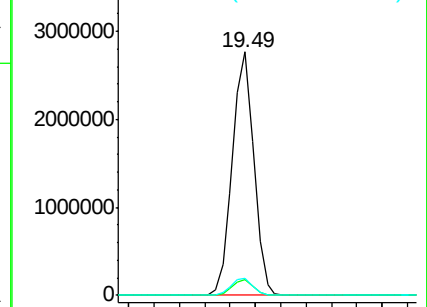
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 30.977 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

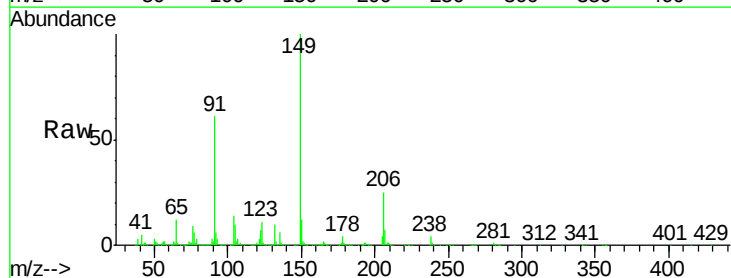
Tgt Ion:149 Resp: 826770

Ion Ratio Lower Upper

149 100

91 61.0 53.9 80.9

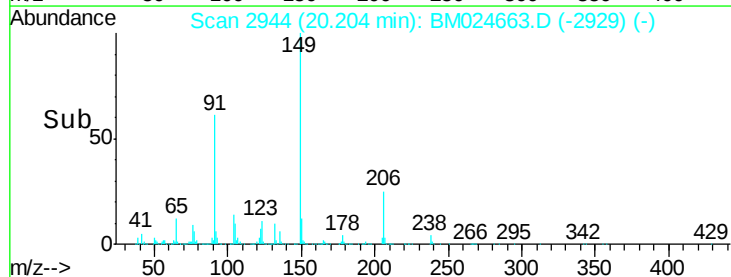
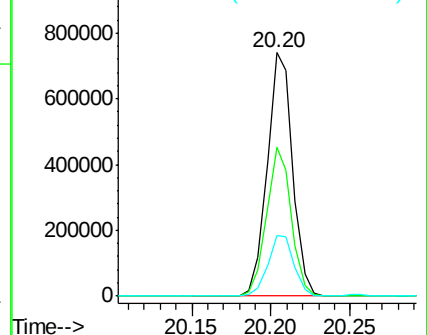
206 24.7 19.0 28.6

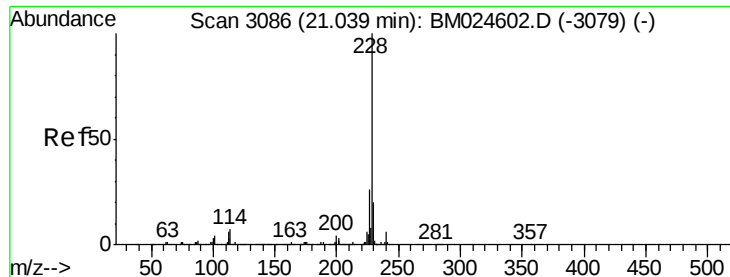


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.957 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:228 Resp: 2541763

Ion Ratio Lower Upper

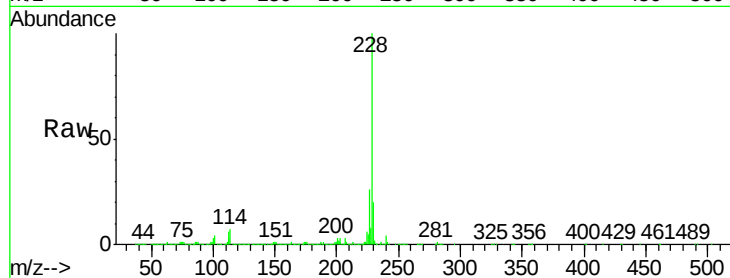
228 100

226 26.4 21.1 31.7

229 19.7 15.8 23.6

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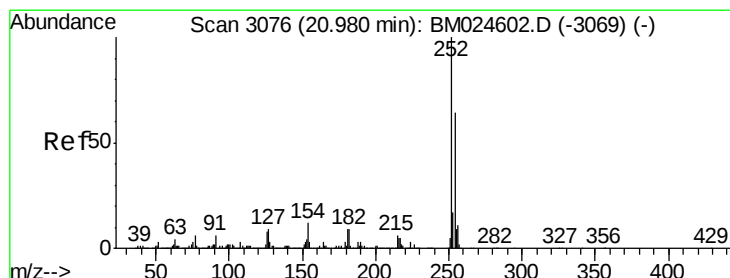
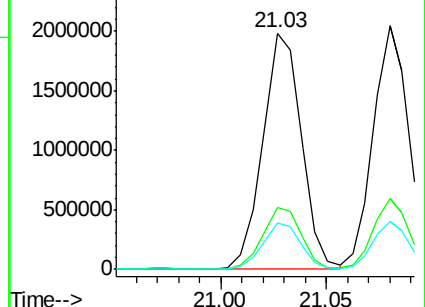
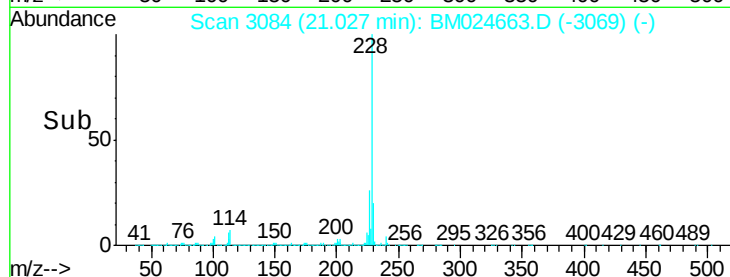
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.908 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

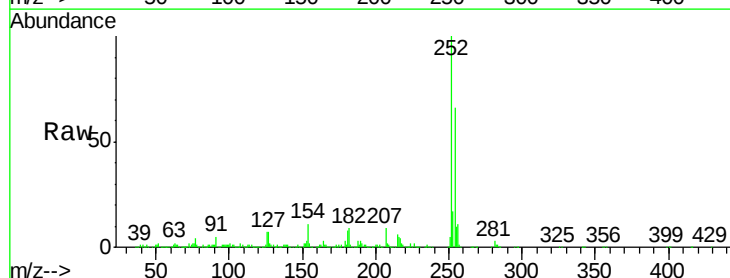
Tgt Ion:252 Resp: 816817

Ion Ratio Lower Upper

252 100

254 65.5 51.5 77.3

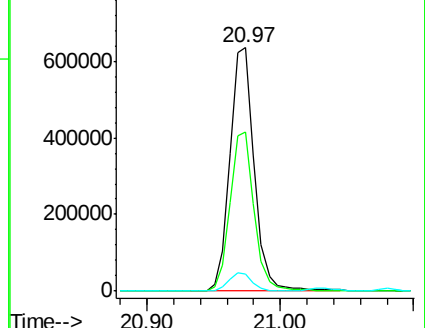
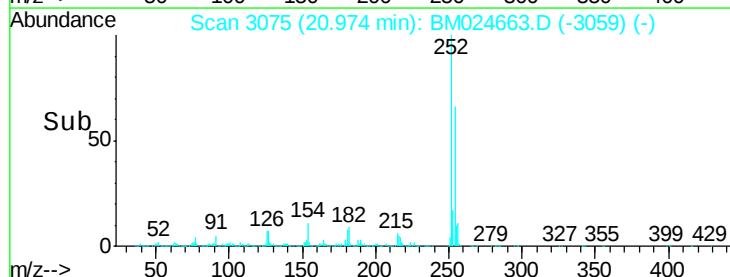
126 6.9 6.7 10.1

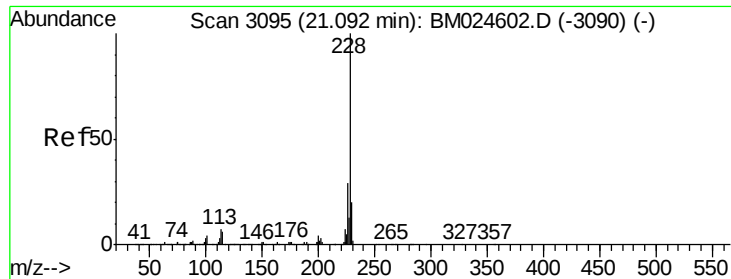


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





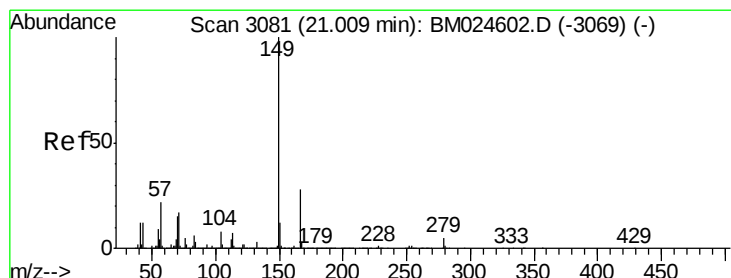
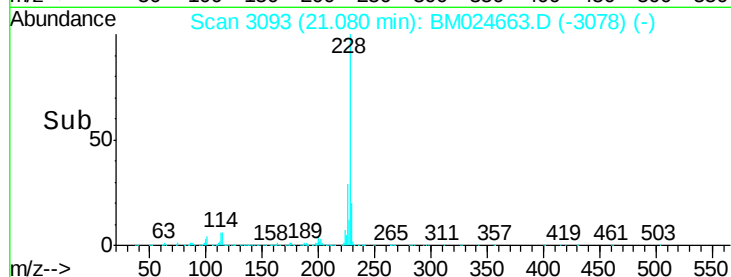
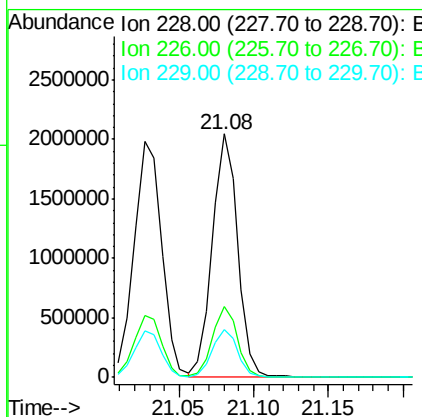
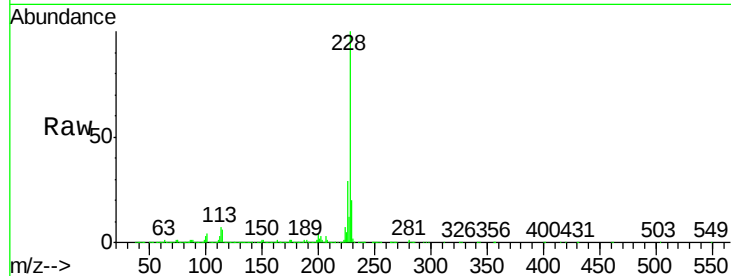
#83
Chrysene
Concen: 38.012 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampled :
PB126427BS

Tot Ion:228 Resp: 2428921
Ion Ratio Lower Upper
228 100
226 28.9 23.2 34.8
229 19.7 15.7 23.5

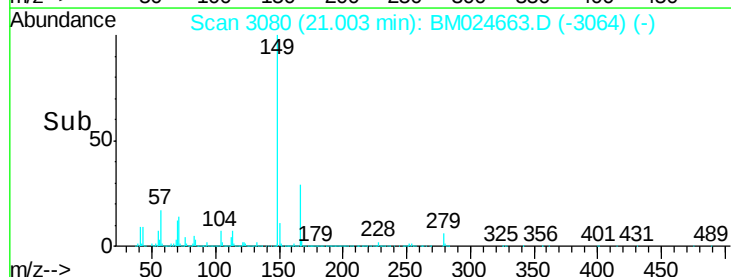
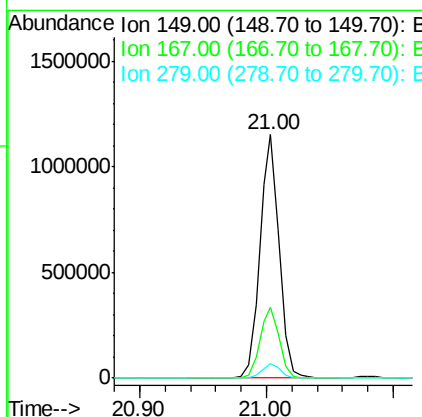
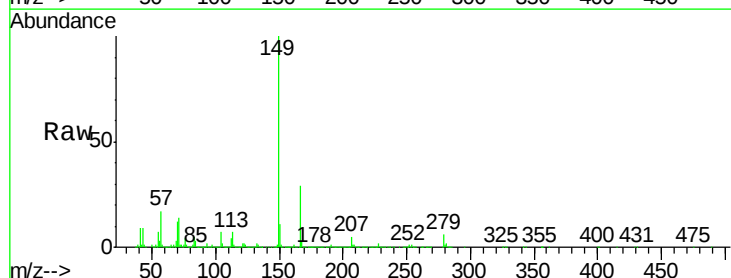
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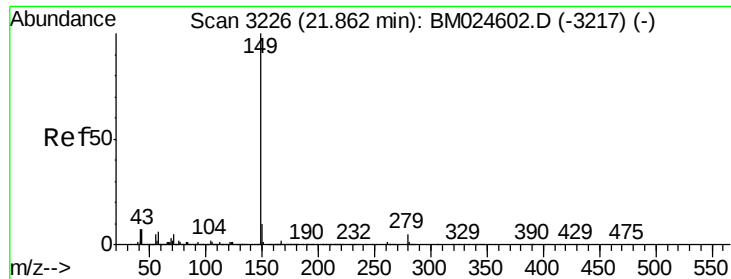
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 30.932 ng
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion:149 Resp: 1218105
Ion Ratio Lower Upper
149 100
167 29.3 22.5 33.7
279 6.1 4.0 6.0#





#85

Di-n-octyl phthalate

Concen: 33.678 ng

RT: 21.85 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

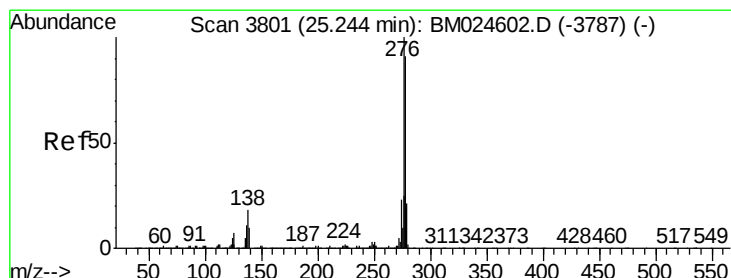
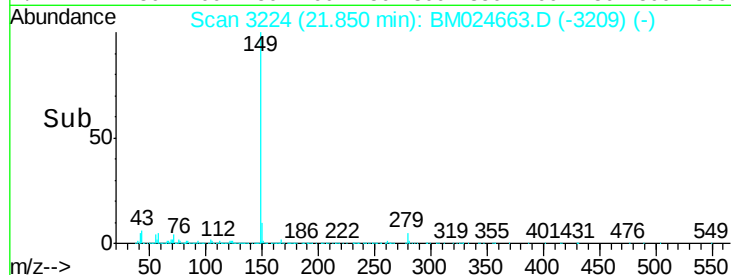
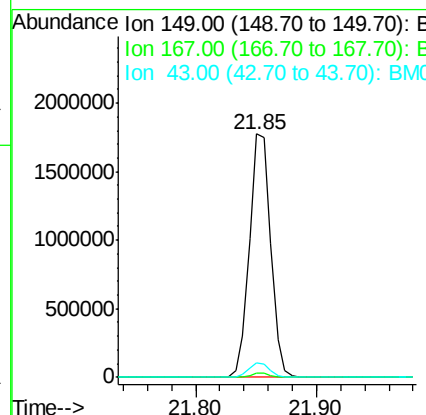
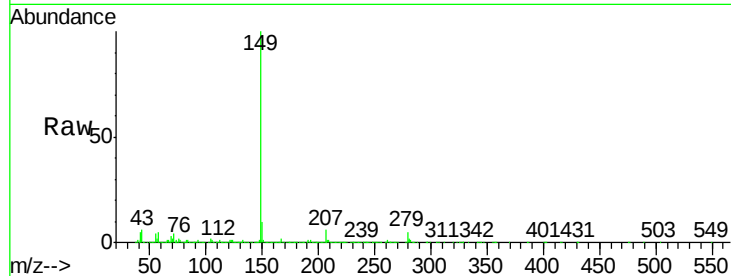
ClientSampleId :

PB126427BS

Tot Ion:	149	Resp:	2191141
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.6	5.8	8.6#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 51.170 ng

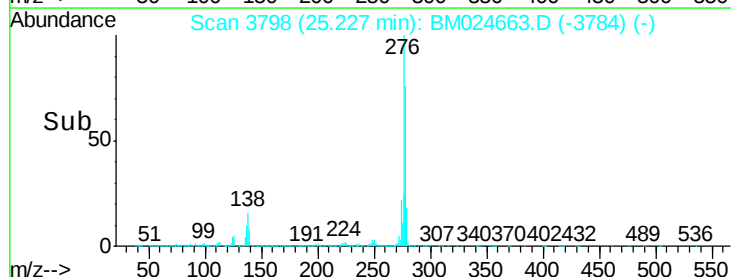
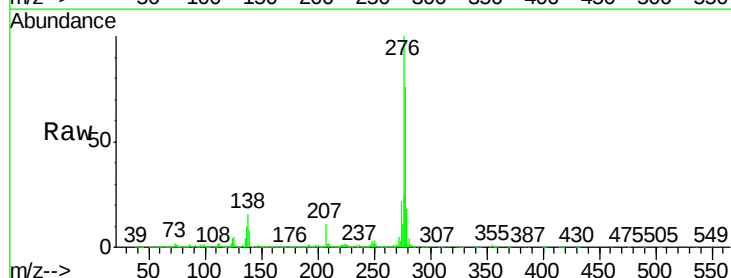
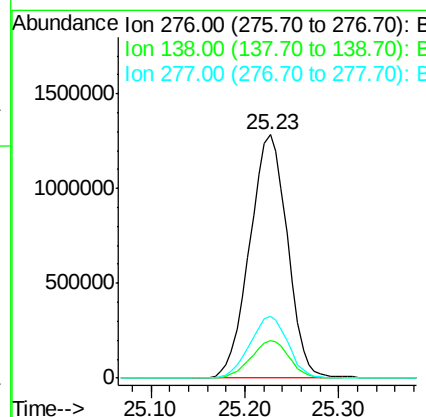
RT: 25.23 min Scan# 3798

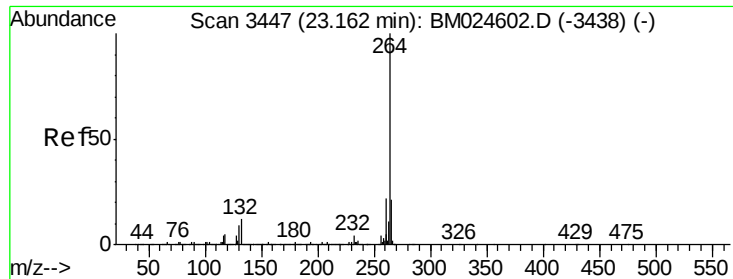
Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:	276	Resp:	3563727
Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.4	20.0
277	25.5	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

ClientSampleId :

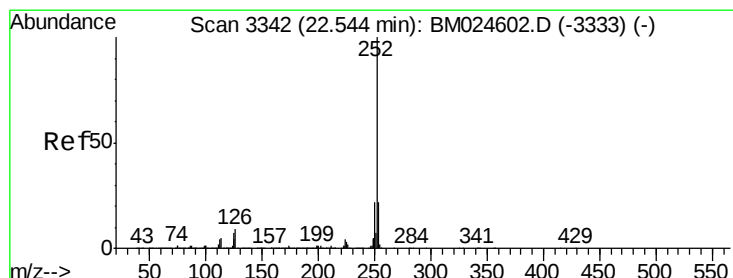
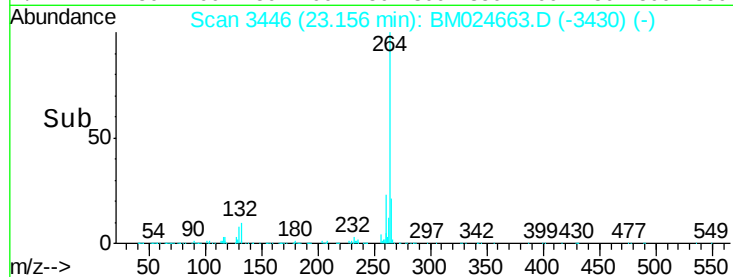
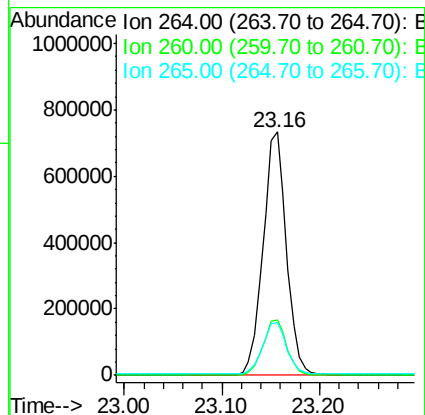
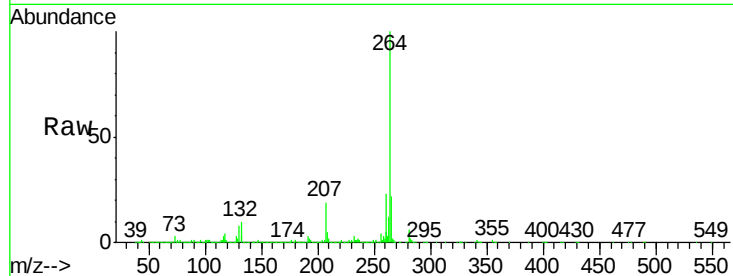
PB126427BS

Tot Ion:264 Resp: 1234796

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.9	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 36.328 ng

RT: 22.54 min Scan# 3341

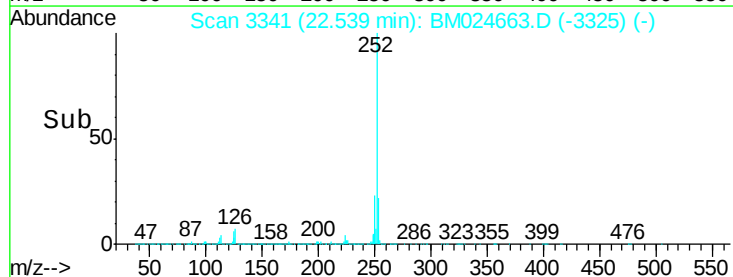
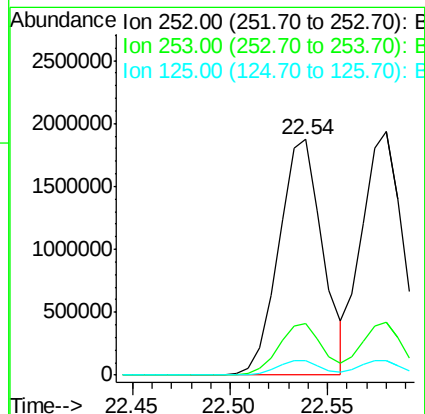
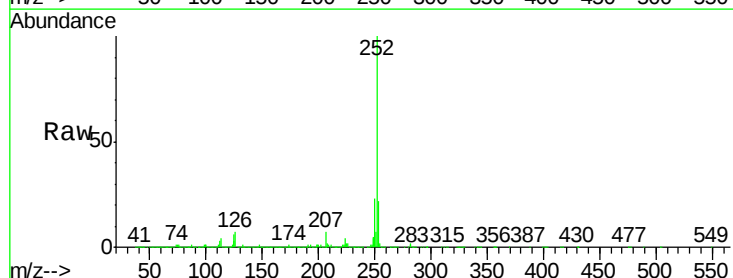
Delta R.T. -0.01 min

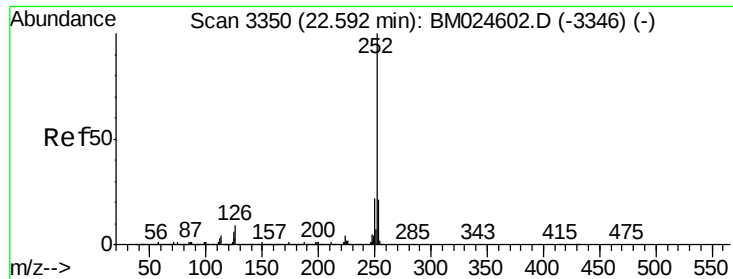
Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Tgt Ion:252 Resp: 2909332

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.0	5.7	8.5





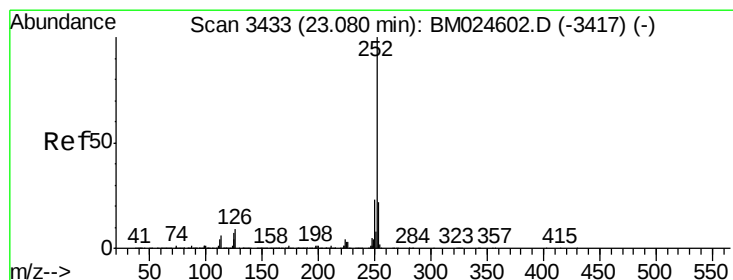
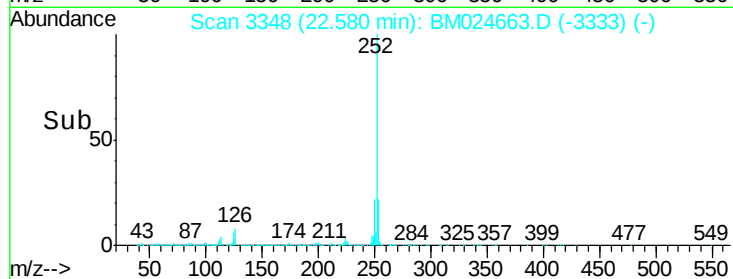
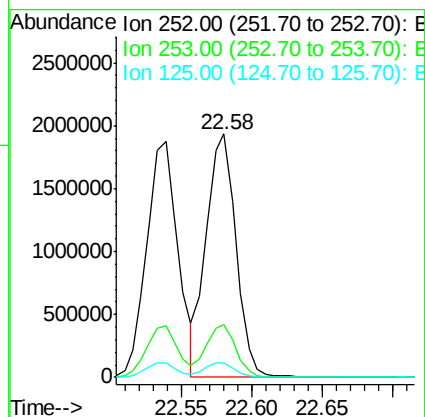
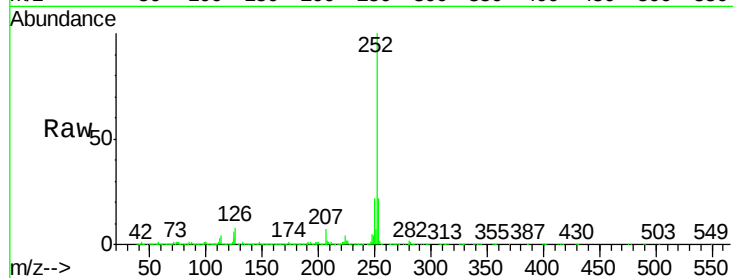
#89
Benzo(k)fluoranthene
Concen: 36.007 ng
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Tot Ion:252 Resp: 2814720
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 5.9 5.2 7.8

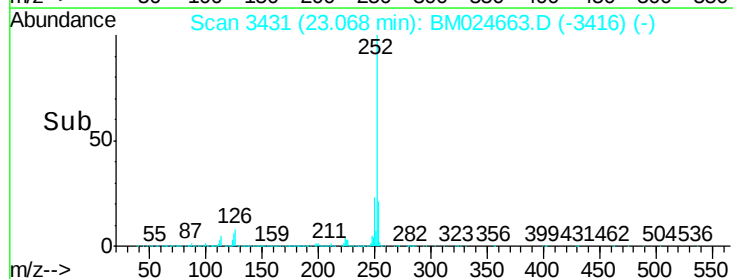
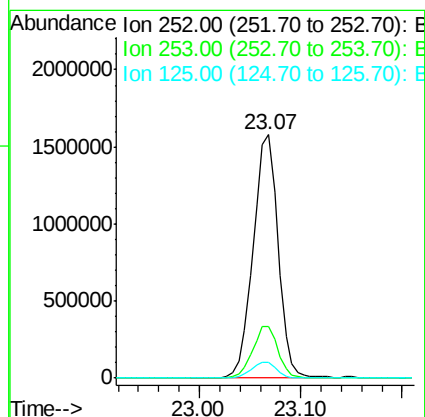
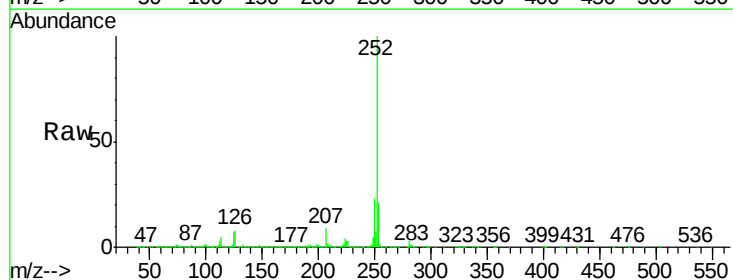
Manual Integrations
APPROVED

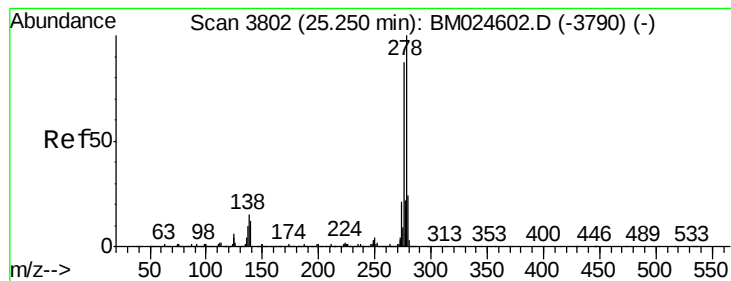
mohammad
2/3/2020 7:55:35 AM



#90
Benzo(a)pyrene
Concen: 37.167 ng
RT: 23.07 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM024663.D
Acq: 30 Jan 2020 17:57

Tgt Ion:252 Resp: 2706209
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 6.5 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 43.852 ng

RT: 25.24 min Scan# 3800

Delta R.T. -0.01 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

Instrument :

BNA_M

ClientSampleId :

PB126427BS

Tot Ion:278 Resp: 3030546

Ion Ratio Lower Upper

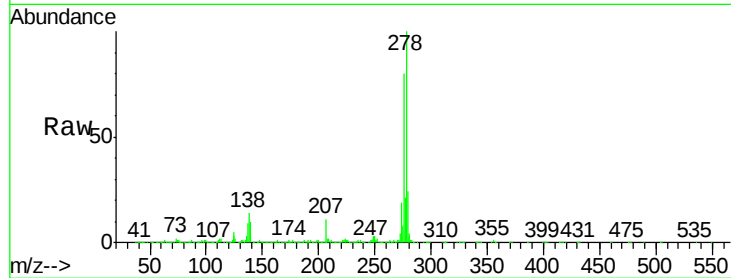
278 100

139 10.2 9.3 13.9

279 23.9 18.9 28.3

Manual Integrations
APPROVED

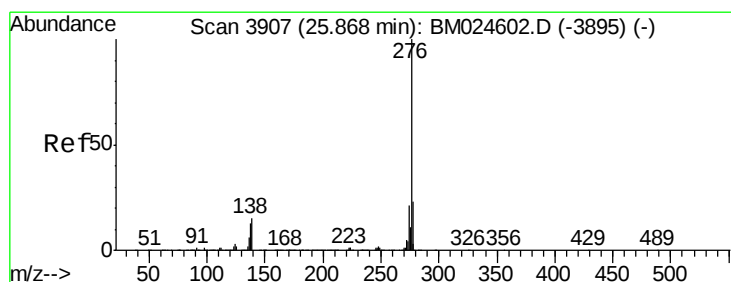
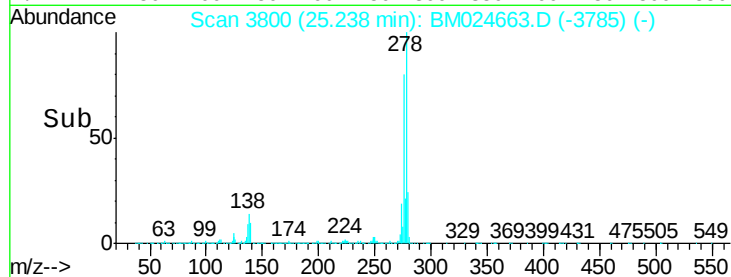
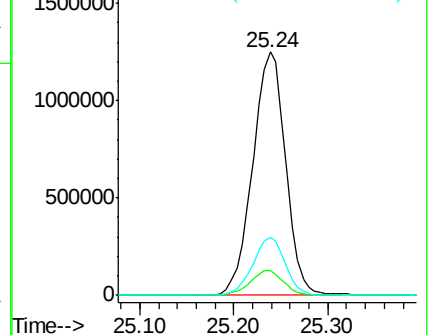
mohammad
2/3/2020 7:55:35 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.408 ng

RT: 25.85 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM024663.D

Acq: 30 Jan 2020 17:57

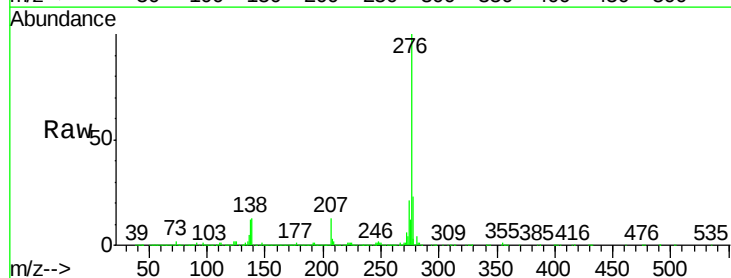
Tgt Ion:276 Resp: 3037684

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 13.3 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

