

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024643.D
 Acq On : 29 Jan 2020 10:53
 Operator : CG/JU
 Sample : PB126393BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:43 AM

Quant Time: Jan 30 03:13:10 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	7.45	152	283332	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1051596	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	720254	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1525129	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1135956	20.00	ng	0.00
87) Perylene-d12	23.16	264	1041591	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	1395463	93.67	ng	0.00
7) Phenol-d6	6.65	99	1710602	83.35	ng	0.00
23) Nitrobenzene-d5	8.59	82	1522926	71.02	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1011430	86.33	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4318208	81.51	ng	0.00
79) Terphenyl-d14	19.50	244	6196149	101.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	245758	41.701	ng	91
3) Pyridine	3.45	79	606651	35.509	ng	96
4) n-Nitrosodimethylamine	3.37	42	278528	36.729	ng	84
6) Aniline	6.79	93	963435	38.561	ng	96
8) 2-Chlorophenol	7.02	128	852737	50.279	ng	92
9) Benzaldehyde	6.59	77	371194	30.609	ng	90
10) Phenol	6.68	94	940309	45.962	ng	95
11) bis(2-Chloroethyl)ether	6.89	93	710573	43.386	ng	95
12) 1,3-Dichlorobenzene	7.33	146	957651	45.963	ng	97
13) 1,4-Dichlorobenzene	7.48	146	971033	45.939	ng	97
14) 1,2-Dichlorobenzene	7.79	146	929369	45.550	ng	97
15) Benzyl Alcohol	7.69	79	691042	40.838	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	511319	34.103	ng	99
17) 2-Methylphenol	7.90	107	667504	46.300	ng	94
18) Hexachloroethane	8.50	117	345859	42.373	ng	96
19) n-Nitroso-di-n-propylamine	8.26	70	548253	35.579	ng	94
20) 3+4-Methylphenols	8.23	107	888465	44.520	ng	97
22) Acetophenone	8.26	105	1127186	41.569	ng	97
24) Nitrobenzene	8.63	77	857896	41.749	ng	93
25) Isophorone	9.16	82	1498909	41.140	ng	97
26) 2-Nitrophenol	9.33	139	481344	50.588	ng	90
27) 2,4-Dimethylphenol	9.41	122	749284	57.949	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	942775	42.358	ng	99
29) 2,4-Dichlorophenol	9.86	162	926165	53.018	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	1041222	49.421	ng	98
31) Naphthalene	10.25	128	2478746	46.669	ng	99
32) Benzoic acid	9.59	122	523011m	44.219	ng	
33) 4-Chloroaniline	10.37	127	455291	19.556	ng	97
34) Hexachlorobutadiene	10.56	225	690315	47.398	ng	99
35) Caprolactam	11.16	113	234569m	41.854	ng	
36) 4-Chloro-3-methylphenol	11.51	107	816695	43.967	ng	92
37) 2-Methylnaphthalene	11.87	142	1923997	46.940	ng	98
38) 1-Methylnaphthalene	12.10	142	1819965	46.678	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1199841	46.676	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1849254	128.344	nq	99
43) 2,4,6-Trichlorophenol	12.51	196	813986	49.760	nq	99
44) 2,4,5-Trichlorophenol	12.58	196	855160	51.189	nq	96
46) 1,1'-Biphenyl	12.92	154	2525157	46.327	nq	99
47) 2-Chloronaphthalene	12.95	162	2024703	46.012	nq	96
48) 2-Nitroaniline	13.16	65	470204	35.035	nq	# 86
49) Acenaphthylene	13.81	152	3131236	47.534	nq	99
50) Dimethylphthalate	13.57	163	2556909	43.902	nq	99
51) 2,6-Dinitrotoluene	13.67	165	574718	46.413	nq	# 85
52) Acenaphthene	14.16	154	1856127	45.408	nq	99
53) 3-Nitroaniline	14.00	138	357751	27.856	nq	92
54) 2,4-Dinitrophenol	14.21	184	641312	86.609	nq	# 89
55) Dibenzofuran	14.50	168	3096811	46.454	nq	96
56) 4-Nitrophenol	14.33	139	877402	87.398	nq	87
57) 2,4-Dinitrotoluene	14.47	165	769542	43.363	nq	87
58) Fluorene	15.15	166	2470789	44.103	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	792921	46.803	nq	95
60) Diethylphthalate	14.95	149	2442322	41.305	nq	98
61) 4-Chlorophenyl-phenylether	15.16	204	1423949	44.086	nq	97
62) 4-Nitroaniline	15.17	138	488587	34.465	nq	92
63) Azobenzene	15.45	77	1929358	38.254	nq	95
65) 4,6-Dinitro-2-methylphenol	15.24	198	451834	50.386	nq	86
66) n-Nitrosodiphenylamine	15.37	169	2178313	49.723	nq	100
67) 4-Bromophenyl-phenylether	16.05	248	931423	49.110	nq	94
68) Hexachlorobenzene	16.16	284	1071301	49.222	nq	99
69) Atrazine	16.34	200	828131	49.246	nq	99
70) Pentachlorophenol	16.50	266	1286619	97.050	nq	100
71) Phenanthrene	16.89	178	3815099	46.194	nq	99
72) Anthracene	16.97	178	3900343	48.265	nq	100
73) Carbazole	17.25	167	3204135	43.555	nq	98
74) Di-n-butylphthalate	17.84	149	3857401	41.016	nq	99
75) Fluoranthene	18.91	202	4277567	41.498	nq	99
77) Benzidine	19.10	184	2367829	89.504	nq	99
78) Pyrene	19.27	202	4274646	57.082	nq	100
80) Butylbenzylphthalate	20.21	149	1417934	45.124	nq	93
81) Benzo(a)anthracene	21.03	228	3638264	46.146	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	974555	34.362	nq	100
83) Chrysene	21.09	228	3466274	46.075	nq	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1953881	42.141	nq	# 96
85) Di-n-octyl phthalate	21.86	149	2897219	37.822	nq	# 96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3536803	43.133	nq	99
88) Benzo(b)fluoranthene	22.54	252	3128218	46.306	nq	99
89) Benzo(k)fluoranthene	22.58	252	3184638	48.296	nq	99
90) Benzo(a)pyrene	23.07	252	2806099	45.687	nq	99
91) Dibenzo(a,h)anthracene	25.24	278	2987931	51.255	nq	99
92) Benzo(g,h,i)perylene	25.85	276	2979479	56.287	nq	98

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

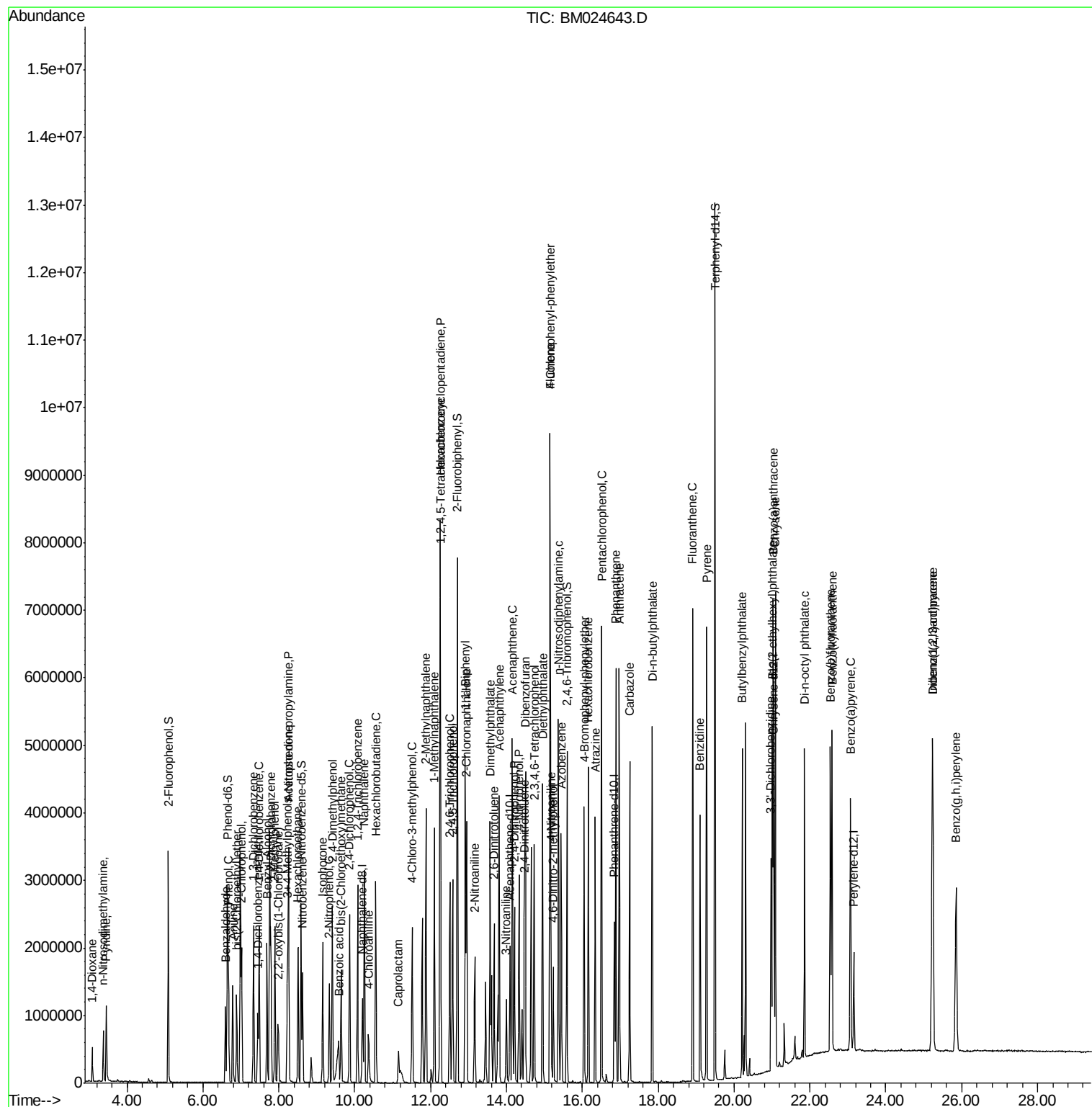
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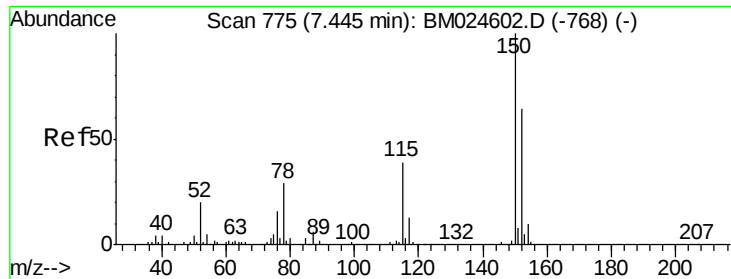
Instrument :
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#1

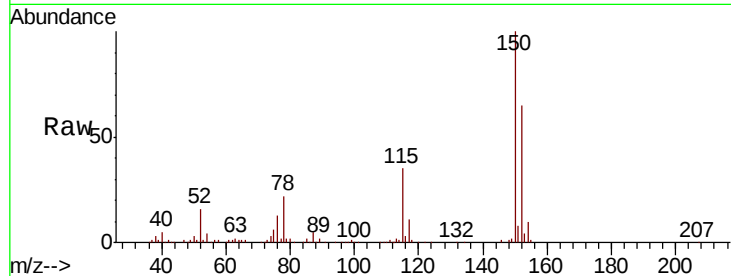
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.4
115	53.6	48.6	72.8

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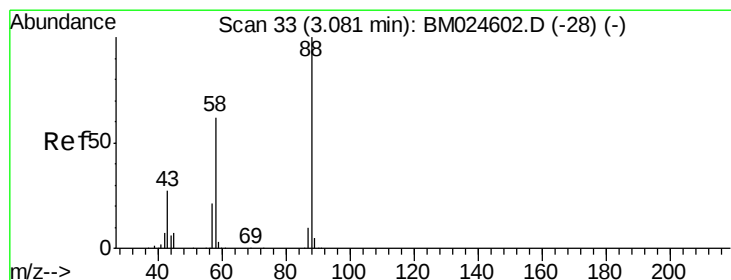
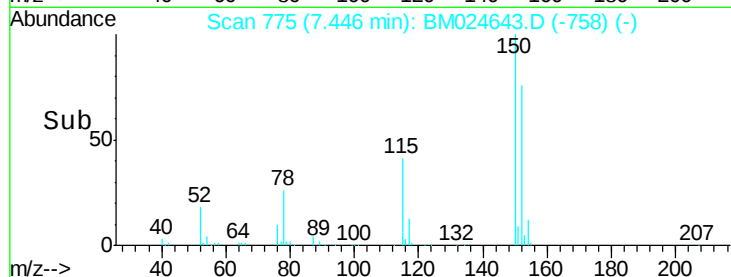
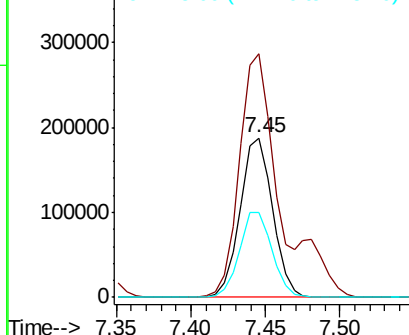


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

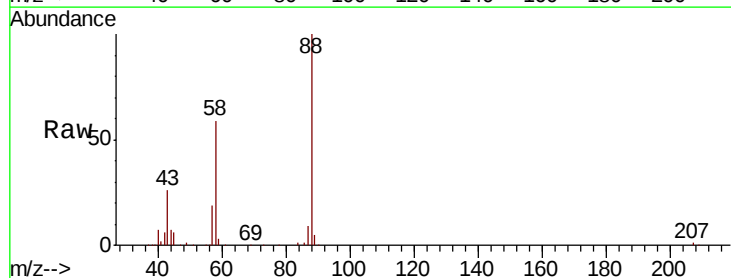
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.701 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.1	50.0	75.0
43	23.6	21.6	32.4

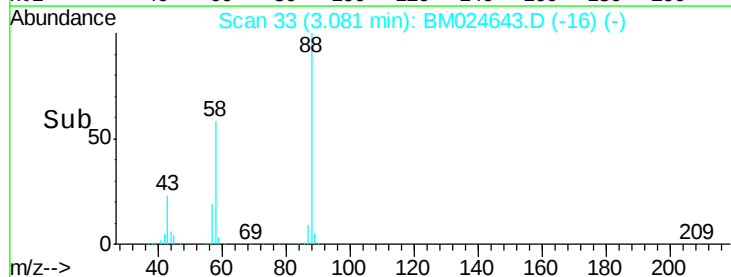
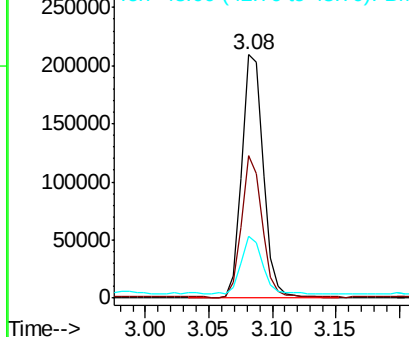


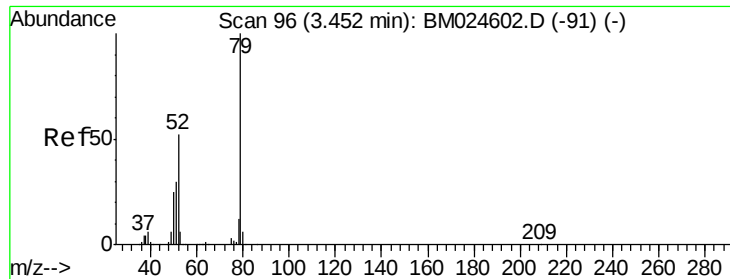
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 35.509 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

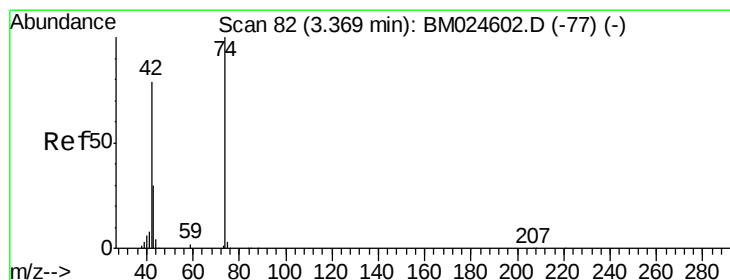
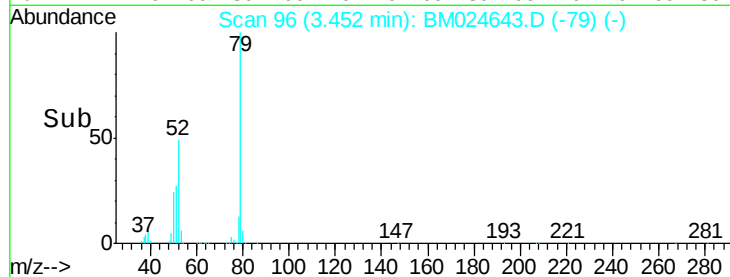
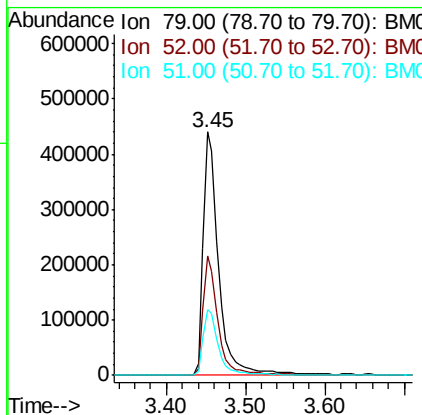
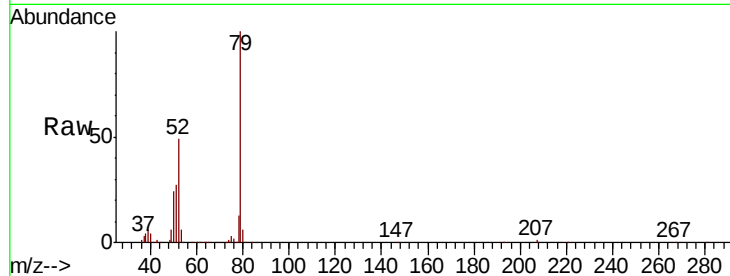
ClientSampleId :

PB126393BSD

Tot Ion:	79	Resp:	606651
Ion	Ratio	Lower	Upper
79	100		
52	48.9	41.4	62.2
51	27.1	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 36.729 ng

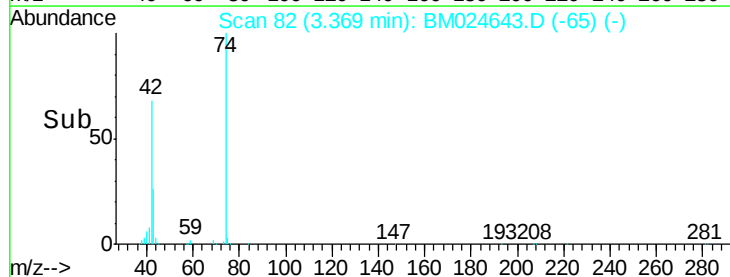
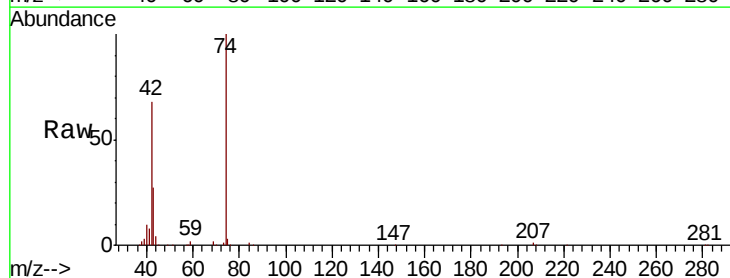
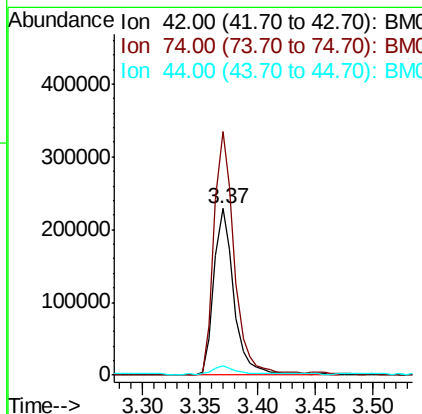
RT: 3.37 min Scan# 82

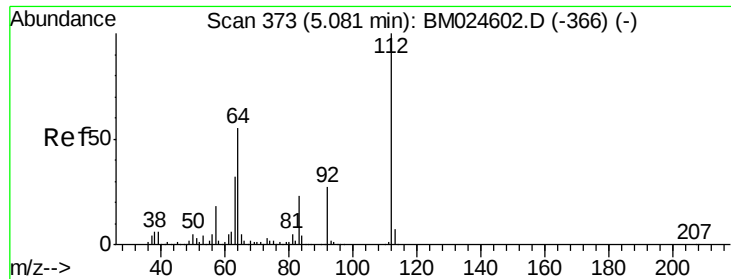
Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:	42	Resp:	278528
Ion	Ratio	Lower	Upper
42	100		
74	146.3	101.4	152.2
44	5.5	4.6	6.8





#5

2-Fluorophenol

Concen: 93.665 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampled :

PB126393BSD

Tot Ion:112 Resp: 1395463

Ion Ratio Lower Upper

112 100

64 49.5 44.2 66.4

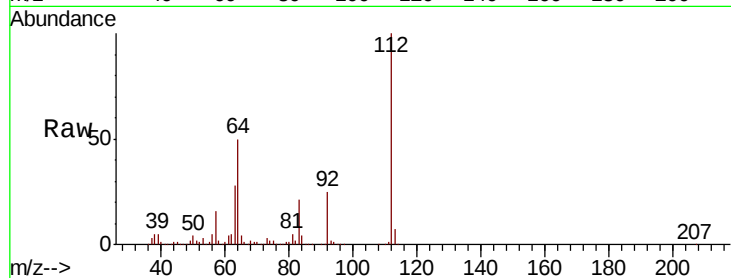
63 27.7 25.9 38.9

Manual Integrations

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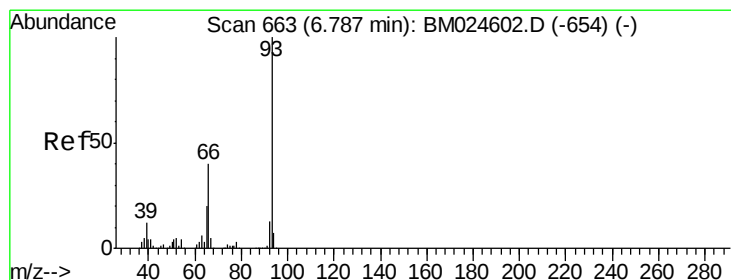
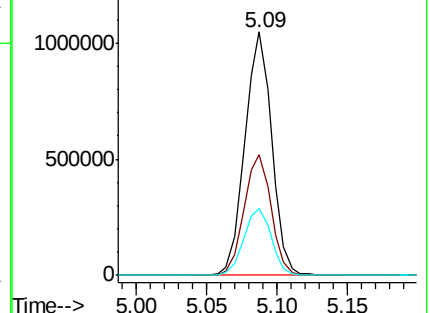
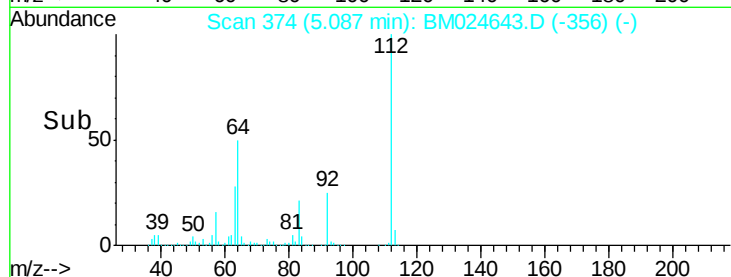
1/30/2020 10:18:43 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.561 ng

RT: 6.79 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

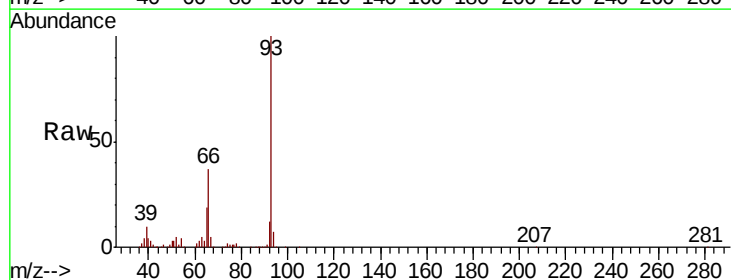
Tgt Ion: 93 Resp: 963435

Ion Ratio Lower Upper

93 100

66 36.6 31.8 47.8

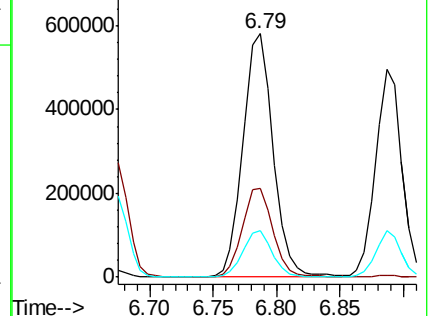
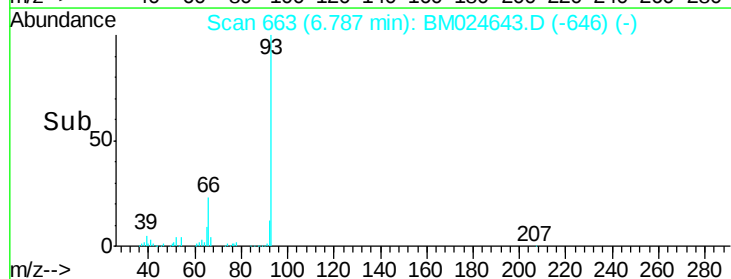
65 18.9 15.8 23.6

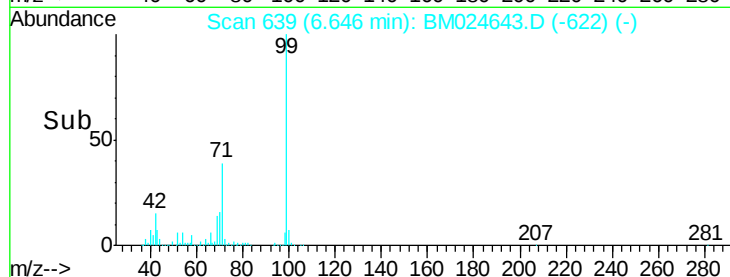
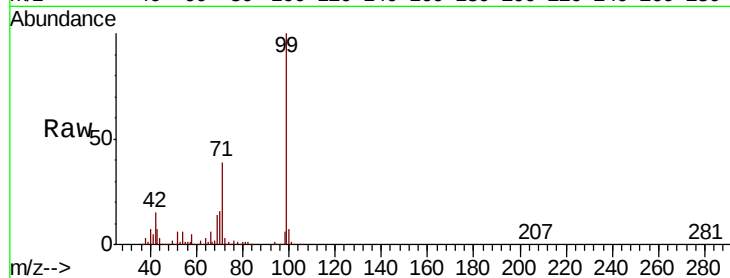
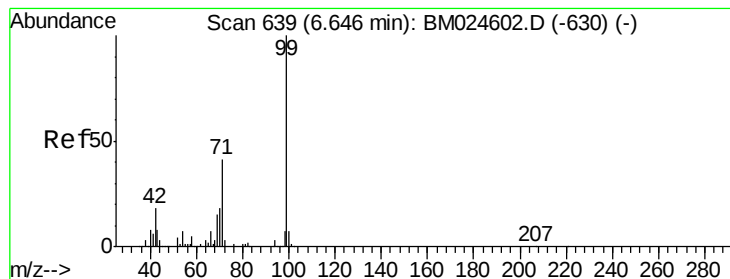


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.348 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tot Ion: 99 Resp: 1710602

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 38.6 33.0 49.6

Instrument :

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ClientSampleId :

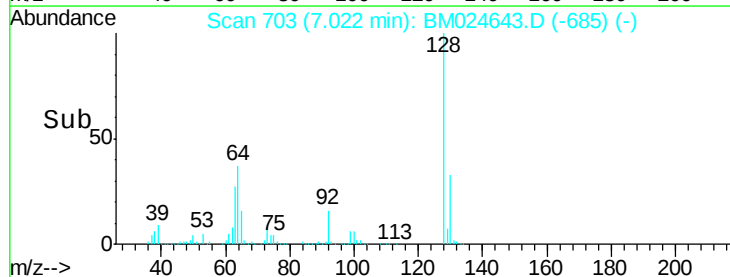
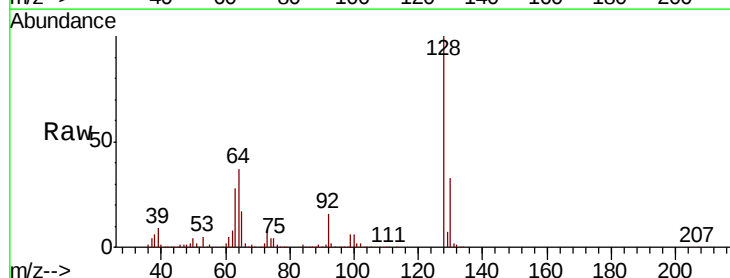
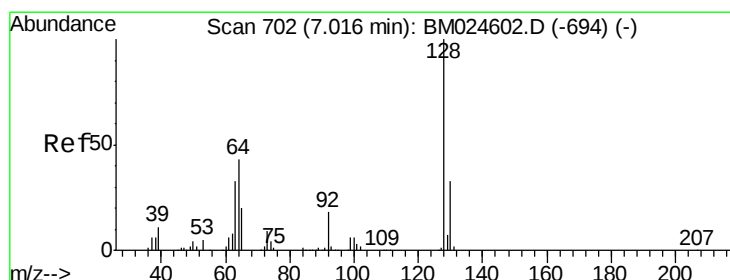
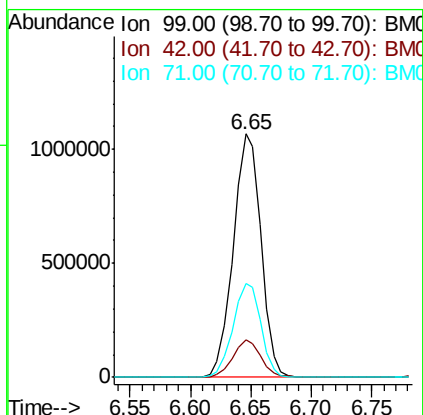
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#8

2-Chlorophenol

Concen: 50.279 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

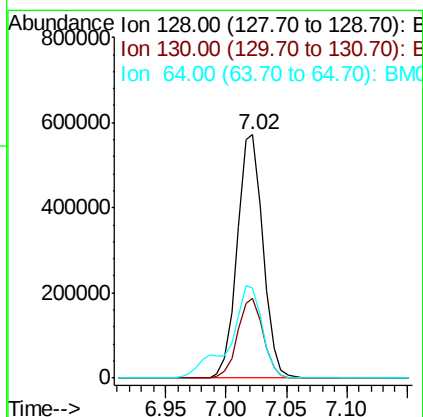
Tgt Ion: 128 Resp: 852737

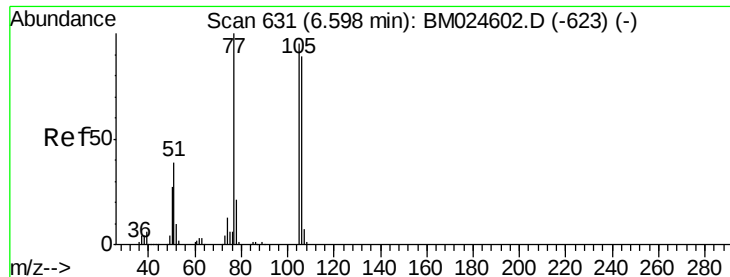
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 37.1 26.1 66.1





#9

Benzaldehyde

Concen: 30.609 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

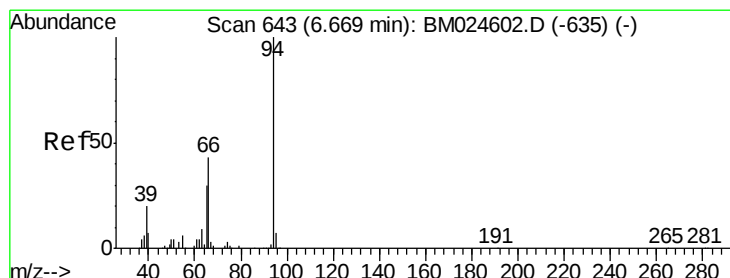
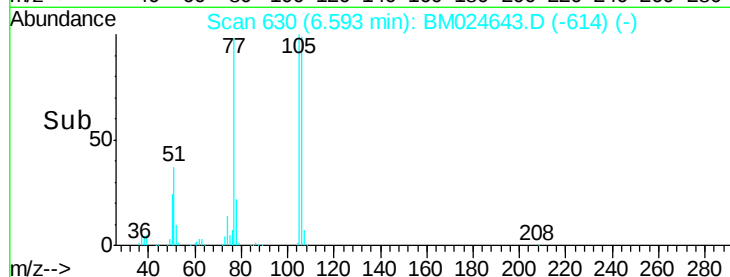
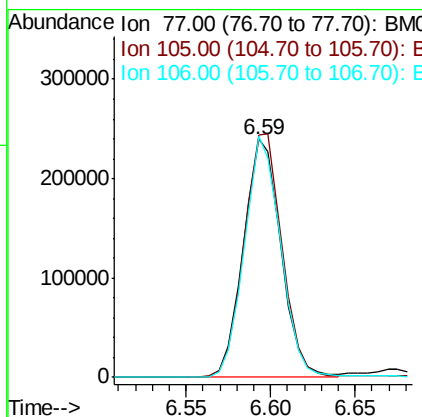
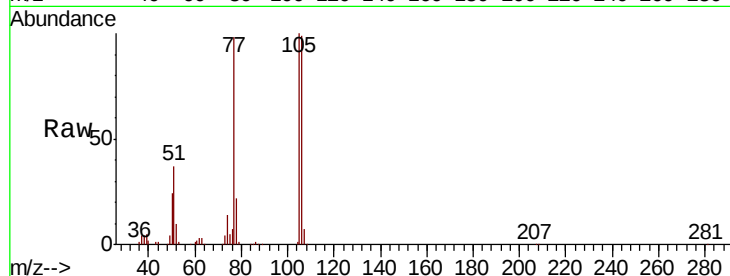
ClientSampleId :

PB126393BSD

Tot Ion:	77	Resp:	371194
Ion	Ratio	Lower	Upper
77	100		
105	101.8	75.2	115.2
106	100.9	68.6	108.6

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#10

Phenol

Concen: 45.962 ng

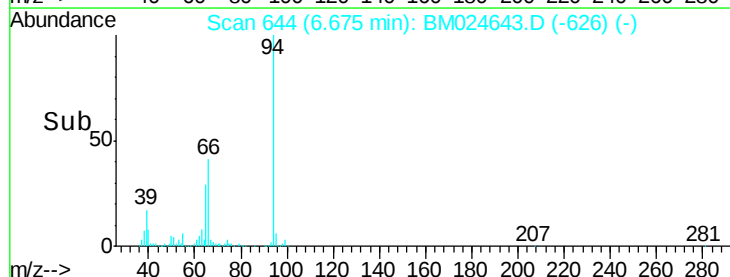
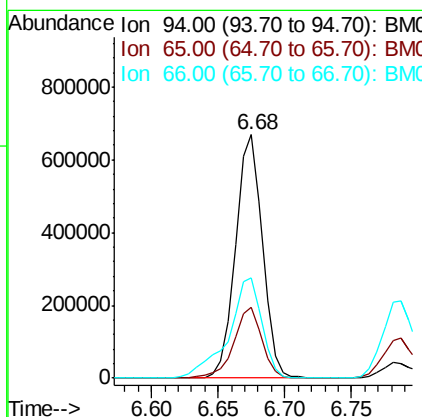
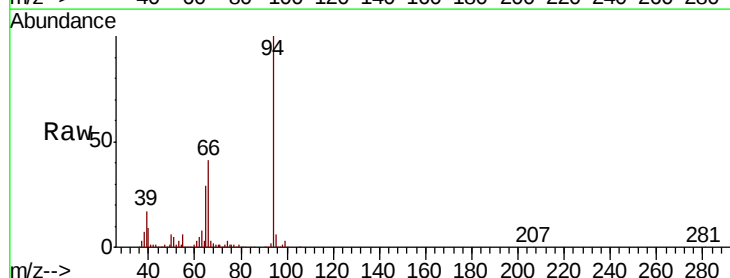
RT: 6.68 min Scan# 644

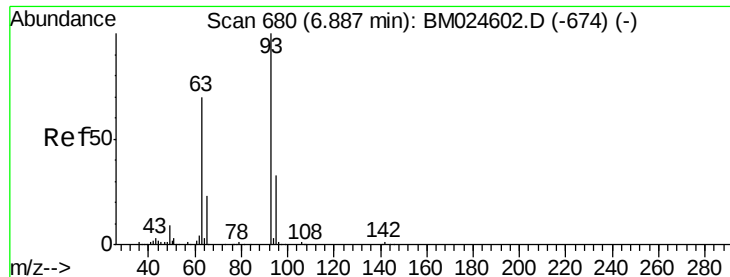
Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:	94	Resp:	940309
Ion	Ratio	Lower	Upper
94	100		
65	28.9	10.3	50.3
66	41.0	24.8	64.8





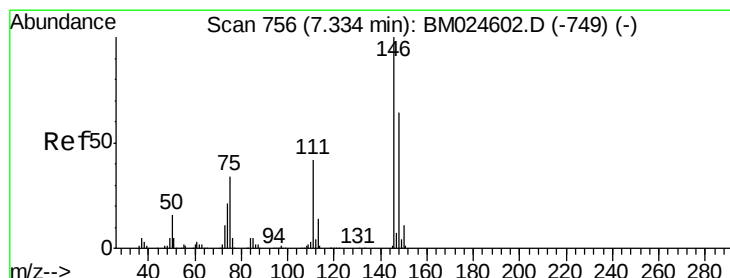
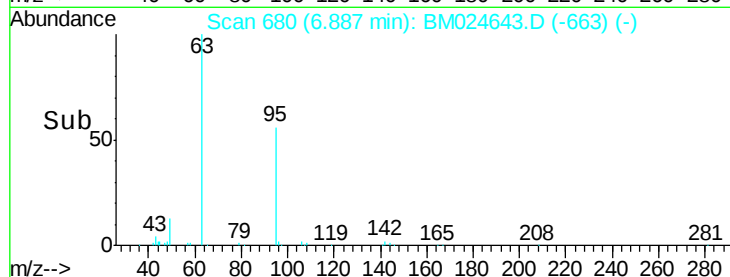
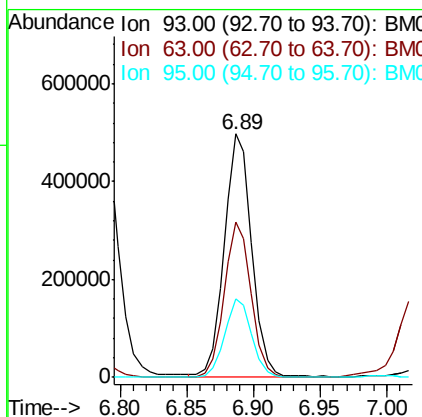
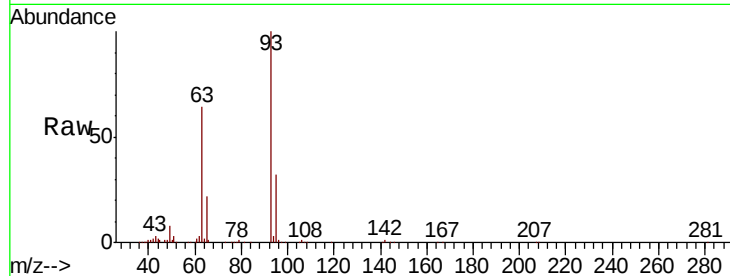
#11
bis(2-Chloroethyl)ether
Concen: 43.386 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	63.5	49.6	89.6
95	32.2	12.6	52.6

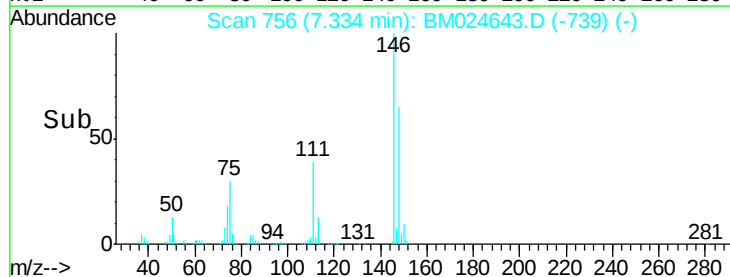
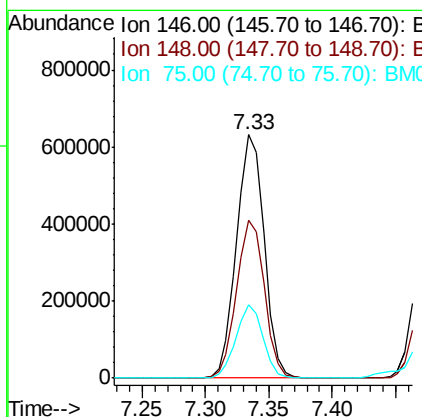
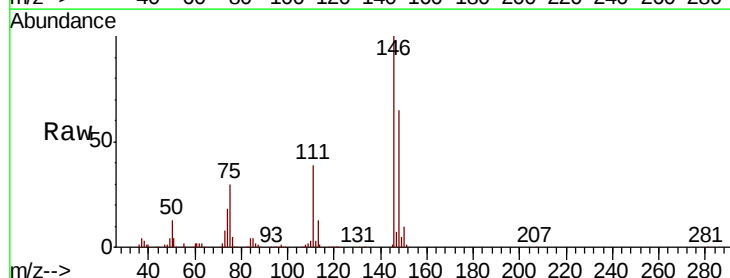
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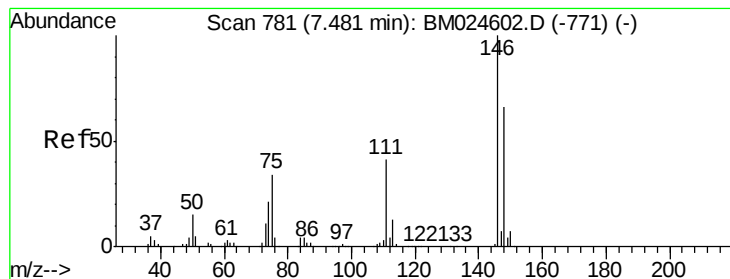
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#12
1,3-Dichlorobenzene
Concen: 45.963 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
75	29.9	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 45.939 ng

RT: 7.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:146 Resp: 971033

Ion Ratio Lower Upper

146 100

148 66.2 52.5 78.7

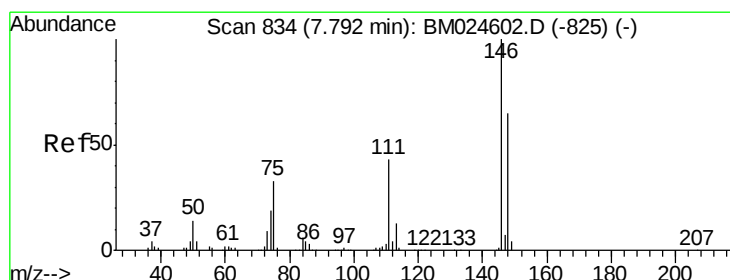
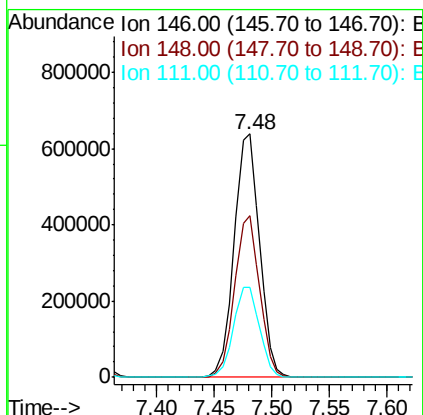
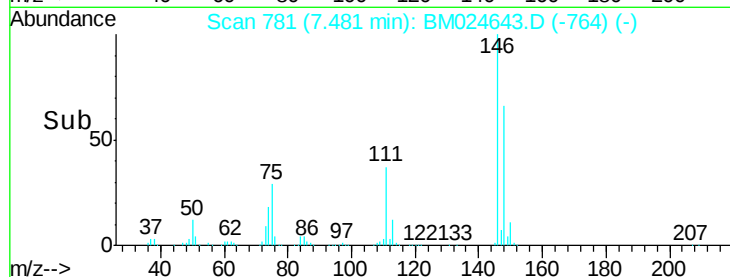
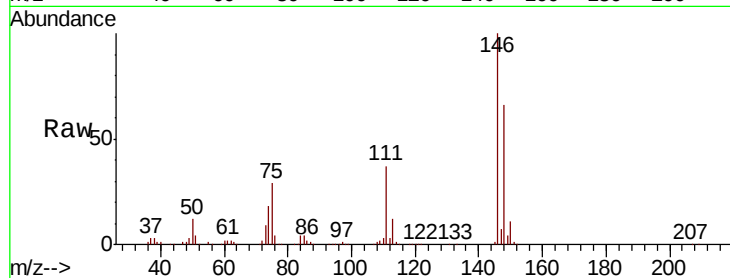
111 37.1 33.0 49.4

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#14

1,2-Dichlorobenzene

Concen: 45.550 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

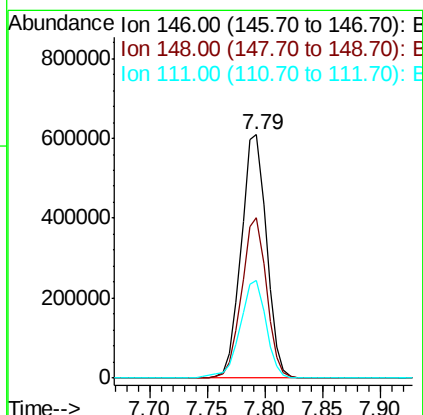
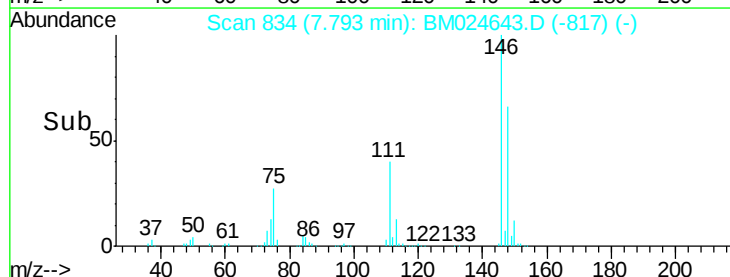
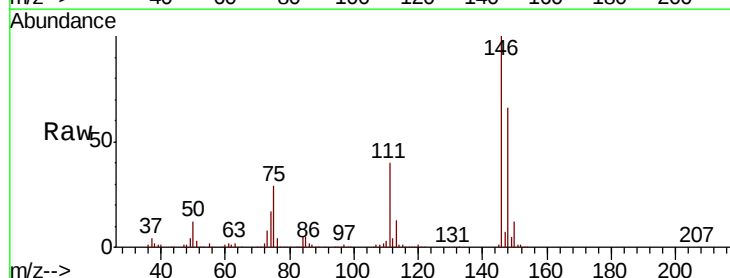
Tgt Ion:146 Resp: 929369

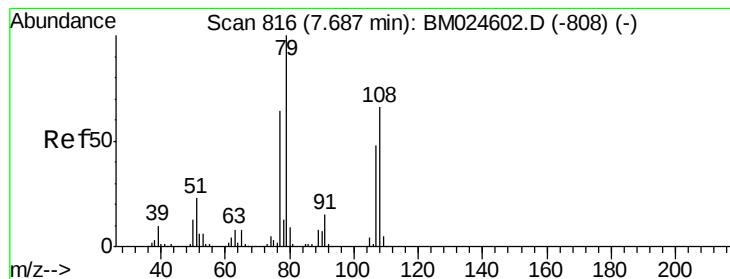
Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

111 40.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 40.838 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

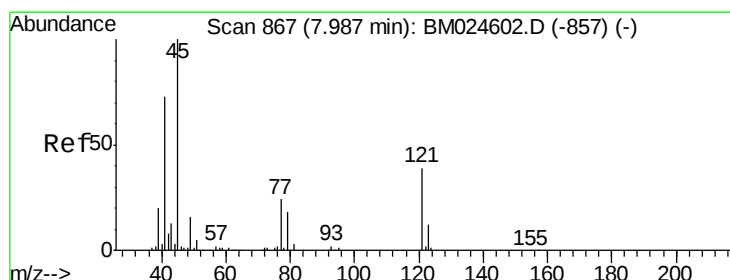
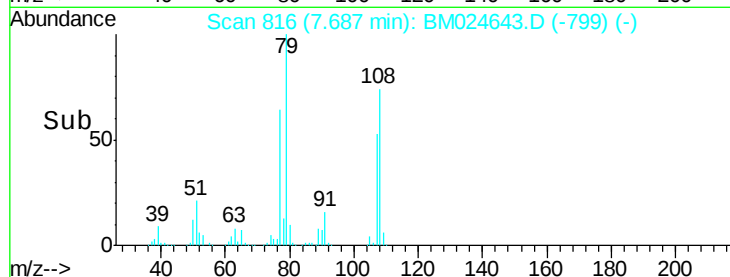
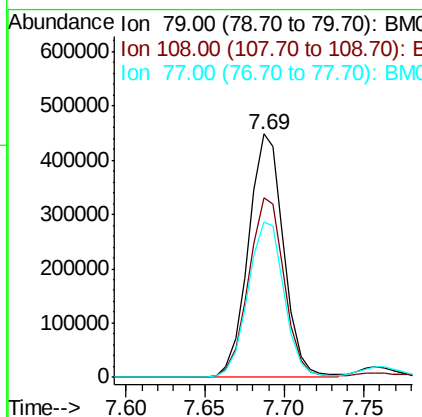
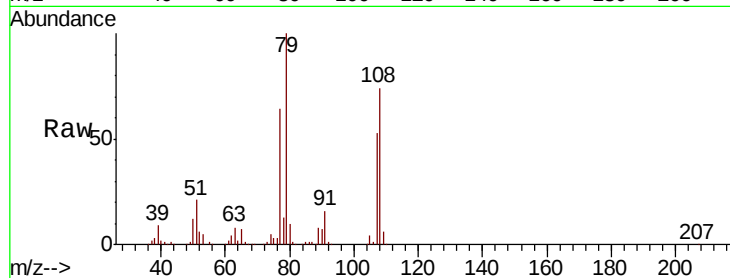
ClientSampleId :

PB126393BSD

Tot Ion:	79	Resp:	691042
Ion	Ratio	Lower	Upper
79	100		
108	73.8	53.0	79.4
77	64.0	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.103 ng

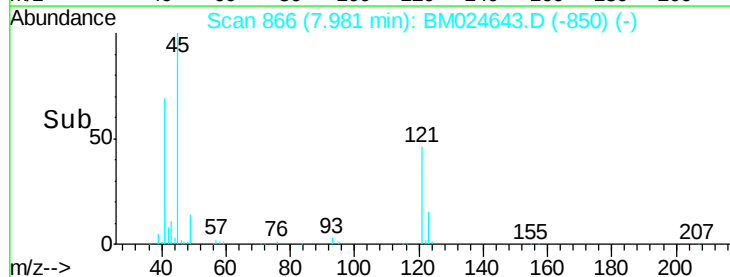
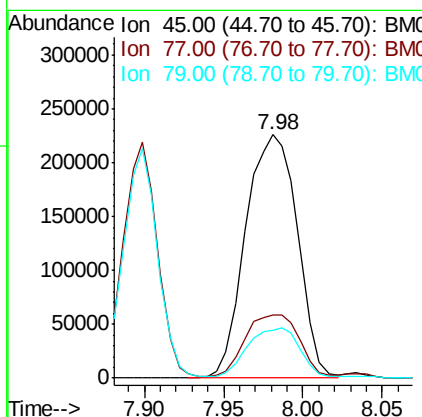
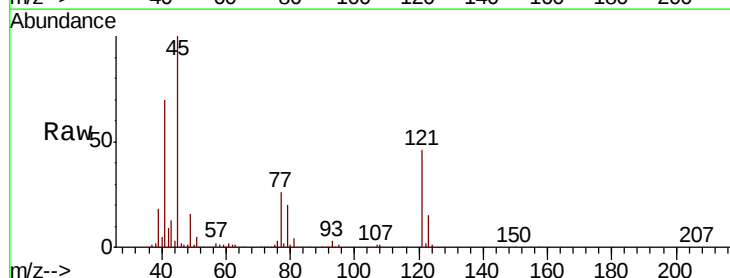
RT: 7.98 min Scan# 866

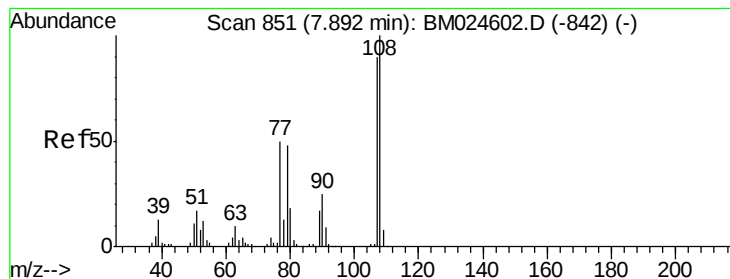
Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:	45	Resp:	511319
Ion	Ratio	Lower	Upper
45	100		
77	26.0	5.2	45.2
79	19.7	0.0	39.4





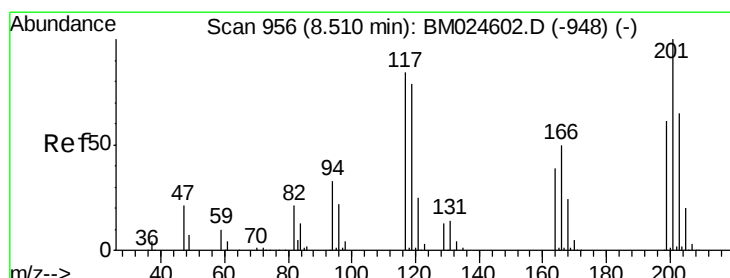
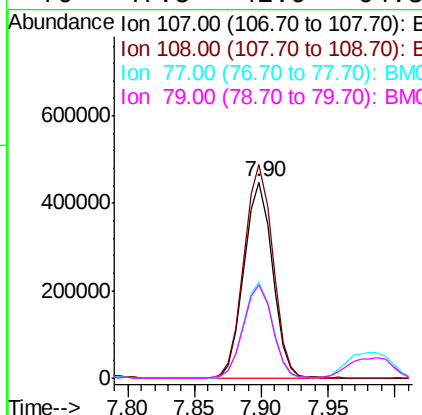
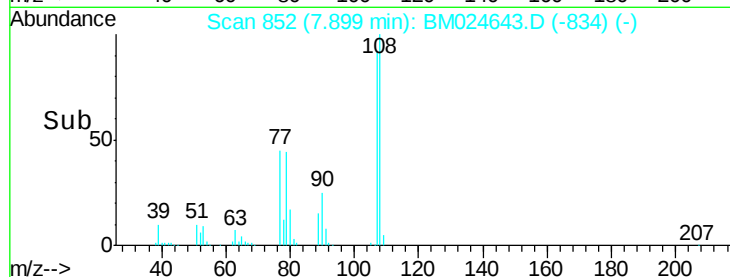
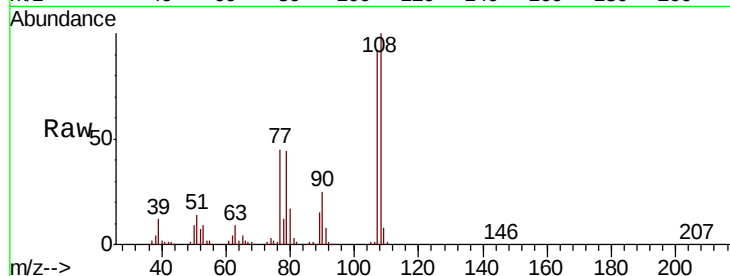
#17
2-Methylphenol
Concen: 46.300 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	667504		
108	108.8	88.9	133.3	
77	48.8	44.5	66.7	
79	47.5	42.9	64.3	

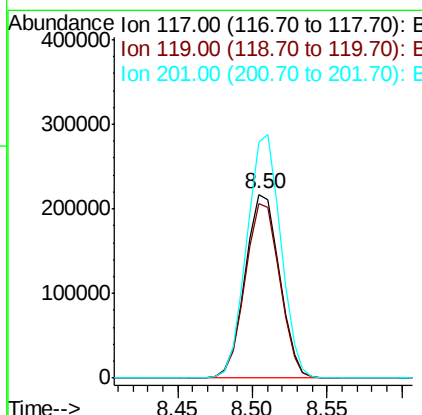
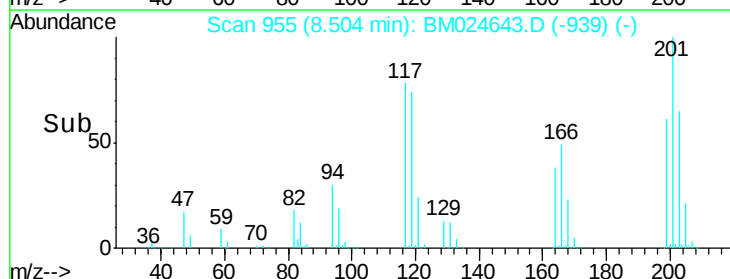
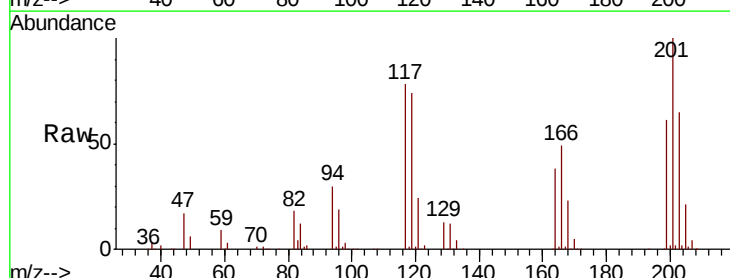
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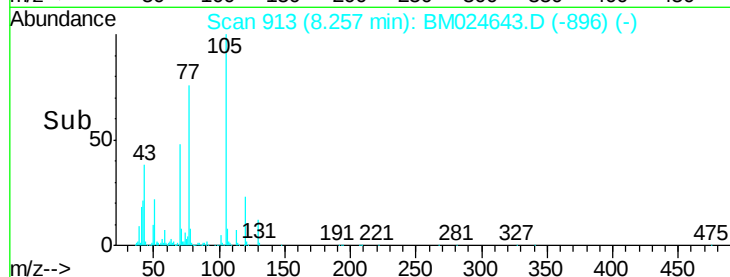
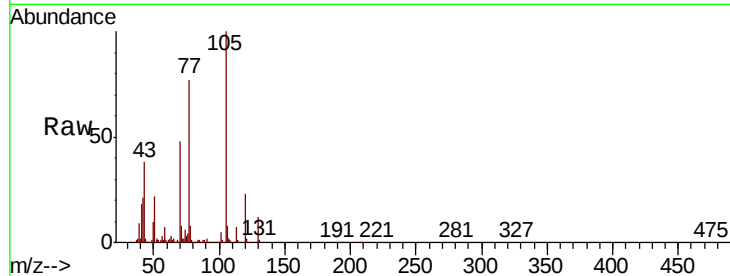
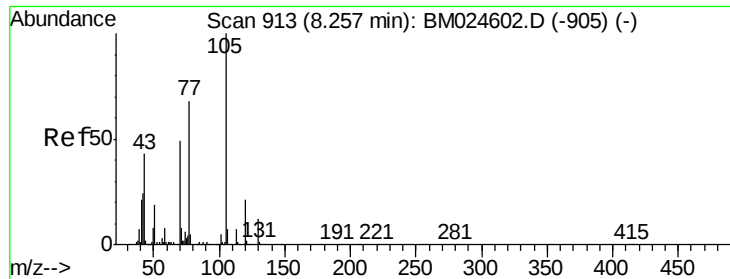
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#18
Hexachloroethane
Concen: 42.373 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	345859		
119	94.6	75.4	113.2	
201	128.3	95.8	143.6	





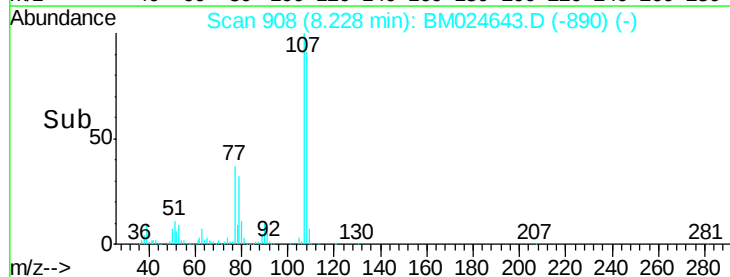
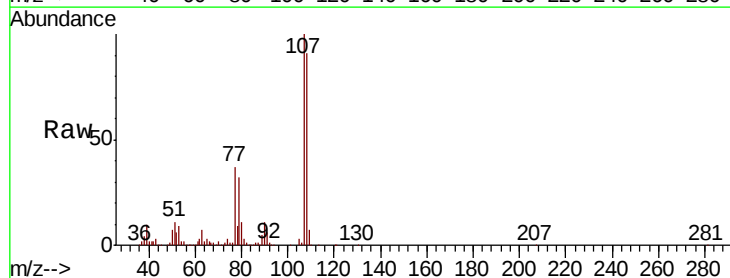
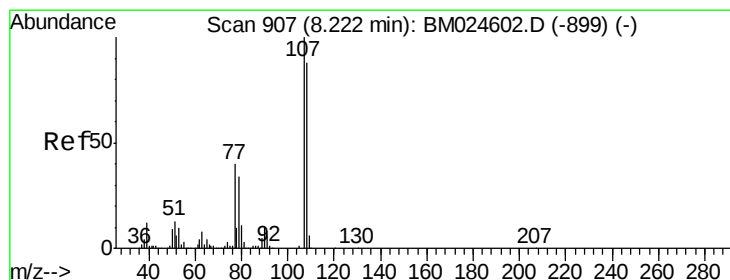
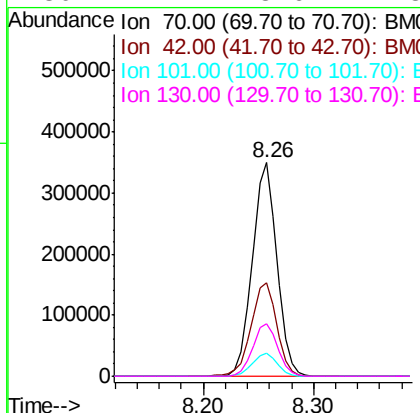
#19
n-Nitroso-di-n-propylamine
Concen: 35.579 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.8	40.0	60.0
101	10.8	8.2	12.2
130	24.4	18.6	27.8

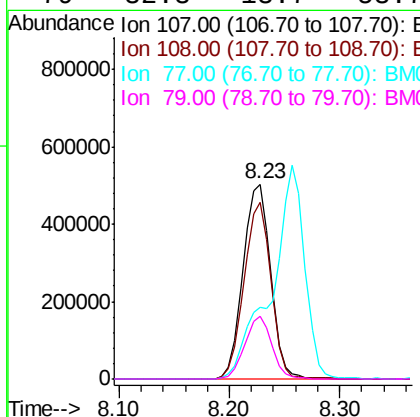
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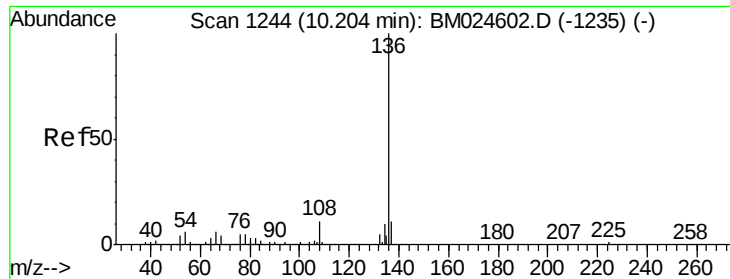
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#20
3+4-Methylphenols
Concen: 44.520 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.0	108.0
77	37.0	19.9	59.9
79	32.3	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:136 Resp: 1051596

Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

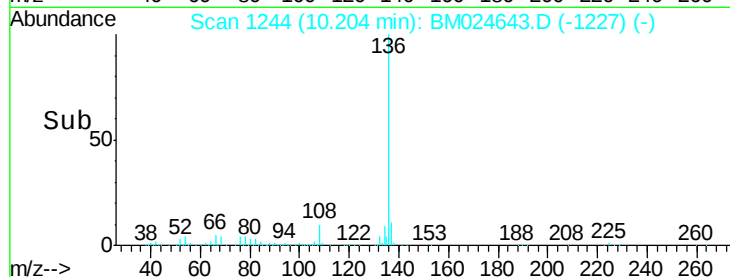
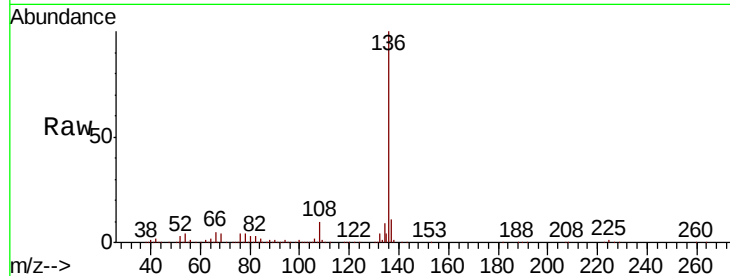
54 4.4 4.5 6.7#

68 3.8 3.4 5.0

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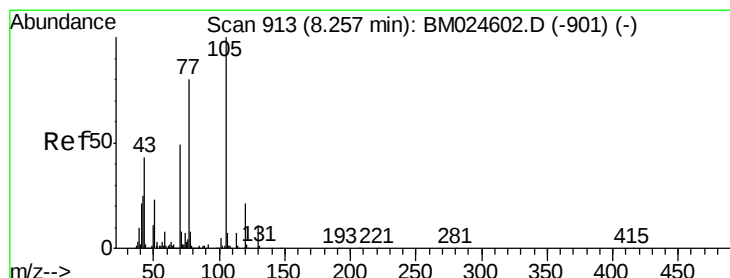
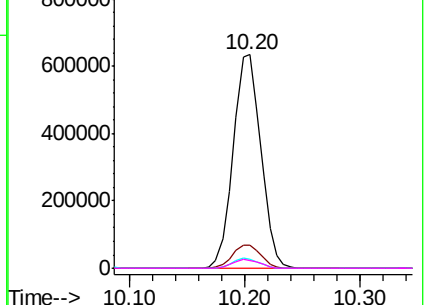


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.569 ng

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:105 Resp: 1127186

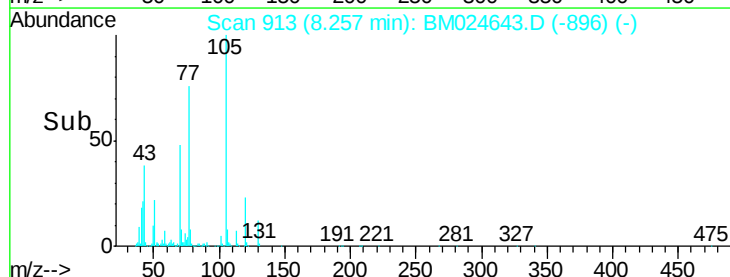
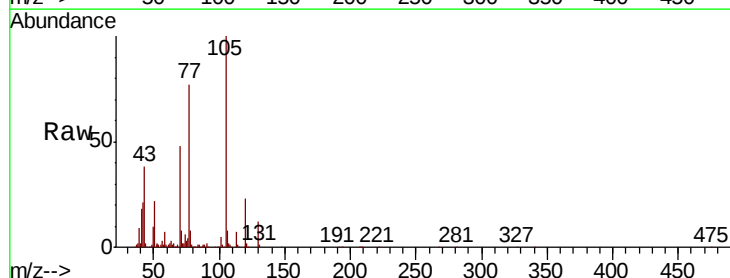
Ion Ratio Lower Upper

105 100

71 8.1 6.7 10.1

51 21.5 18.5 27.7

120 22.9 16.6 25.0

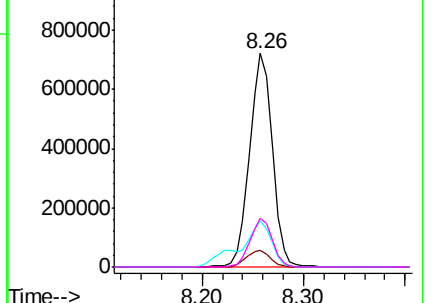


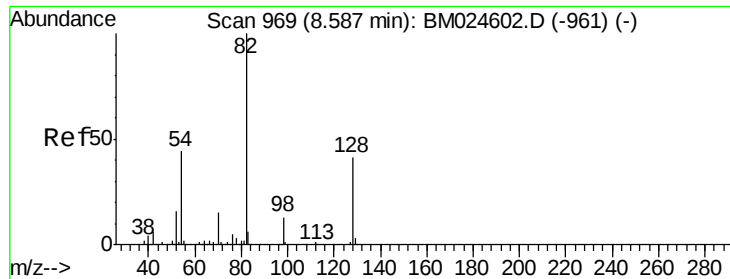
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





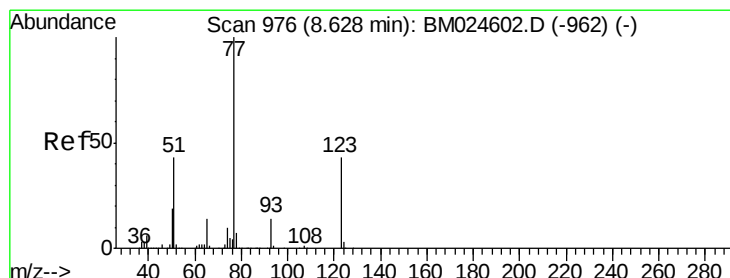
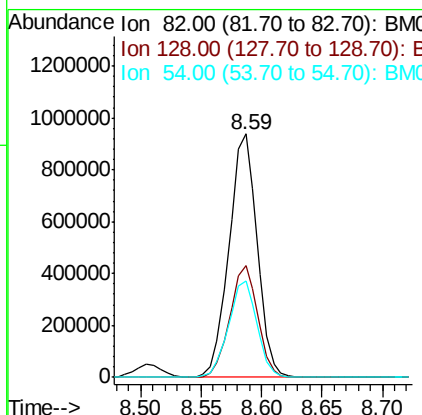
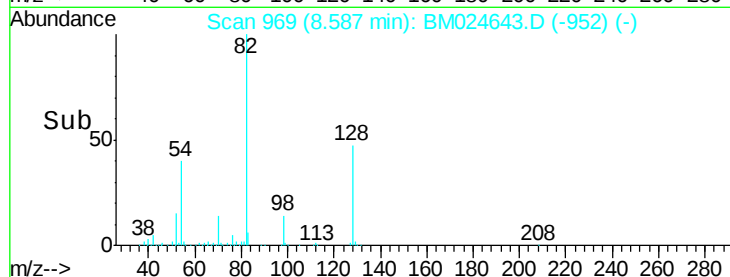
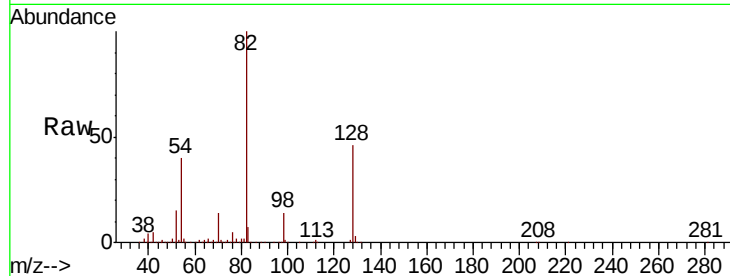
#23
 Nitrobenzene-d5
 Concen: 71.022 ng
 RT: 8.59 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	32.6	48.8
54	39.6	34.8	52.2

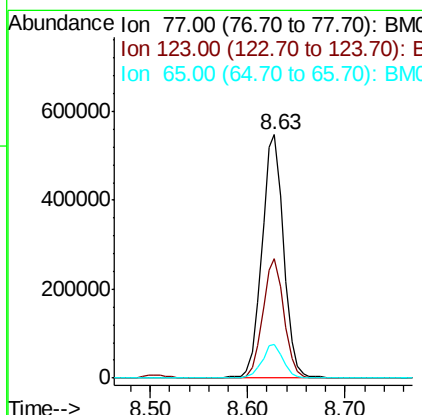
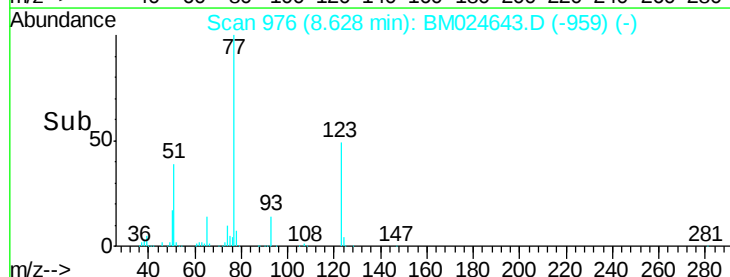
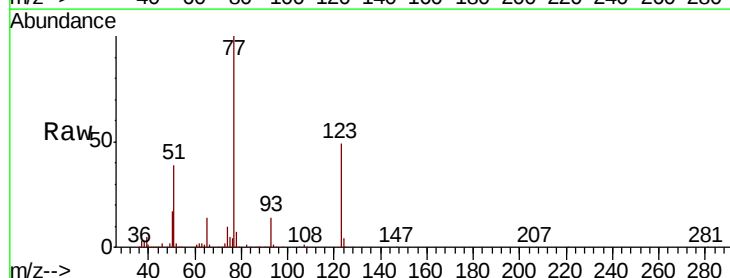
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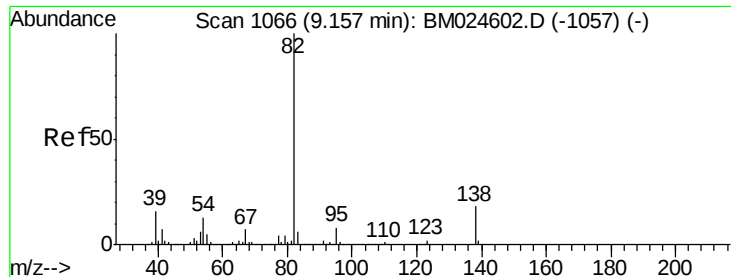
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#24
 Nitrobenzene
 Concen: 41.749 ng
 RT: 8.63 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	34.6	52.0
65	14.0	11.0	16.4





#25

Isophorone

Concen: 41.140 ng

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion: 82 Resp: 1498909

Ion Ratio Lower Upper

82 100

95 8.4 6.7 10.1

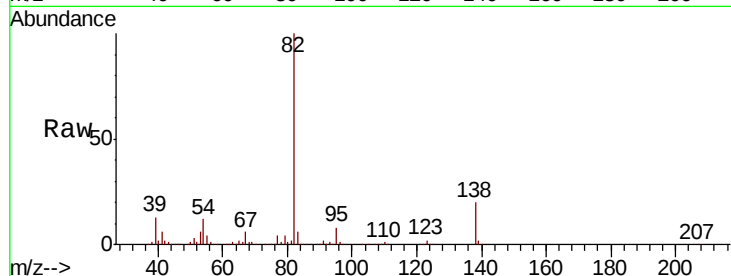
138 20.4 14.7 22.1

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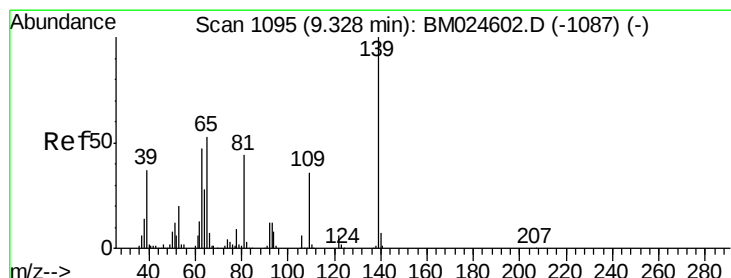
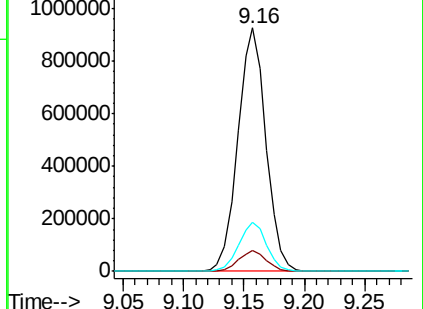
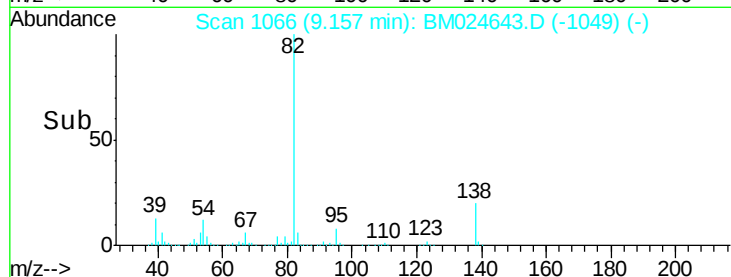
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Abundance Ion 82.00 (81.70 to 82.70): BM024643.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024643.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024643.D (-1049) (-)



#26

2-Nitrophenol

Concen: 50.588 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

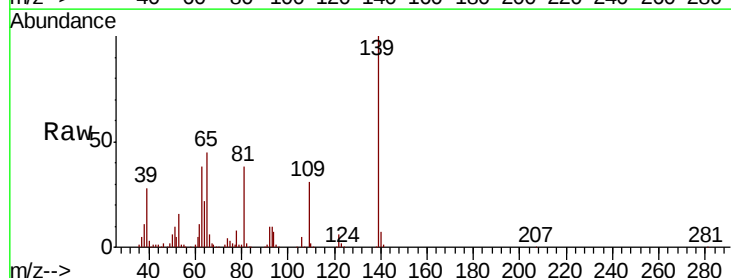
Tgt Ion: 139 Resp: 481344

Ion Ratio Lower Upper

139 100

109 31.4 28.8 43.2

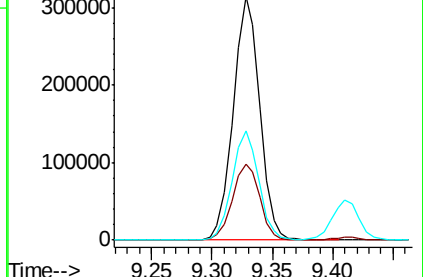
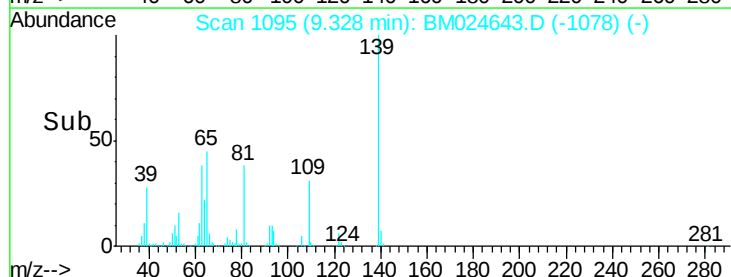
65 44.9 42.6 63.8

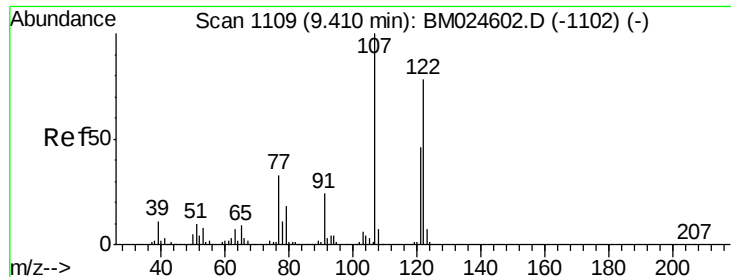


Abundance Ion 139.00 (138.70 to 139.70): BM024643.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024643.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024643.D (-1078) (-)





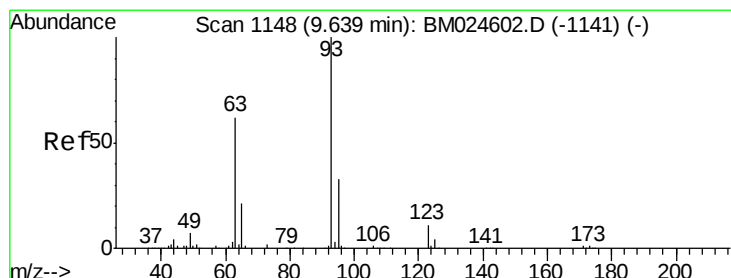
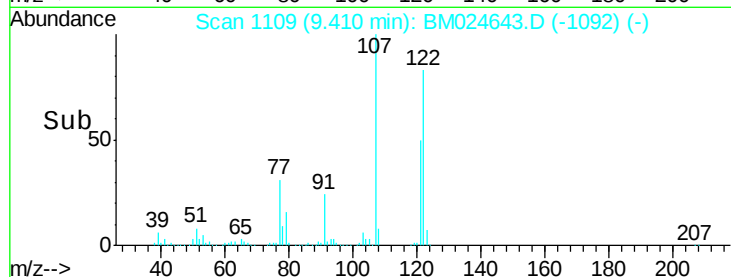
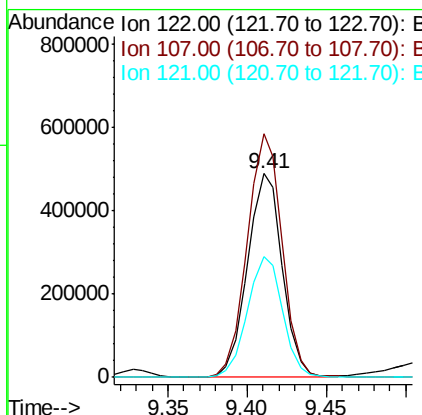
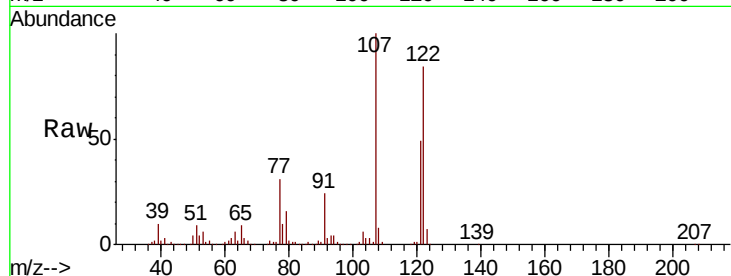
#27
2,4-Dimethylphenol
Concen: 57.949 ng
RT: 9.41 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	102.5	153.7
121	59.1	47.0	70.4

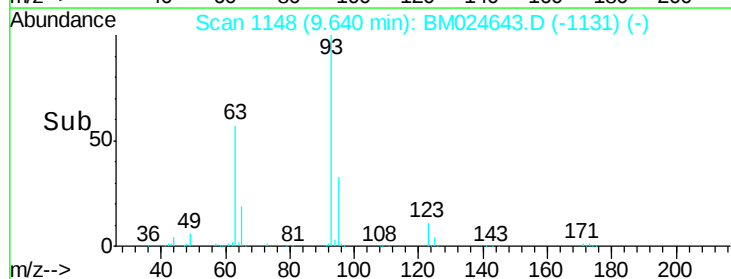
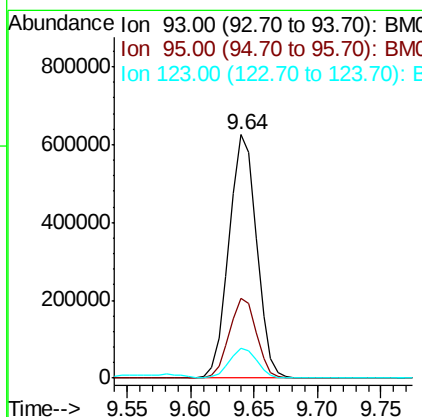
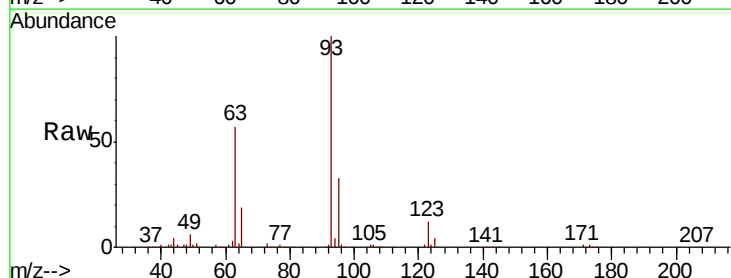
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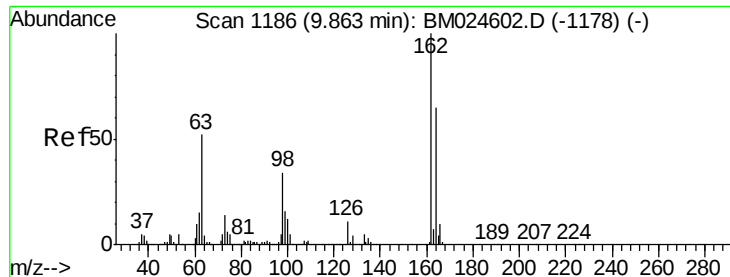
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.358 ng
RT: 9.64 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	12.2	8.7	13.1





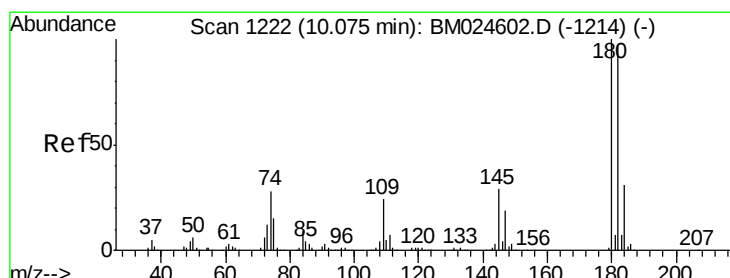
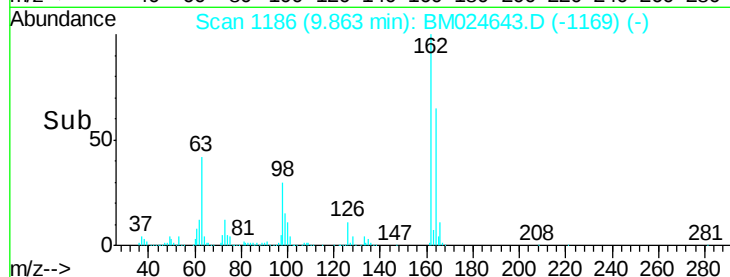
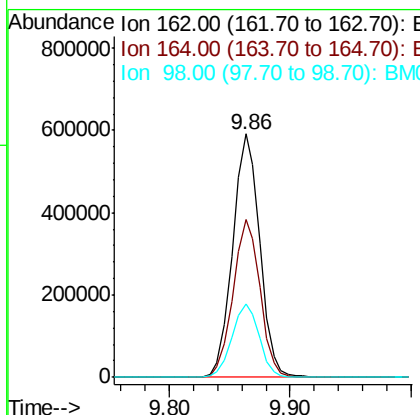
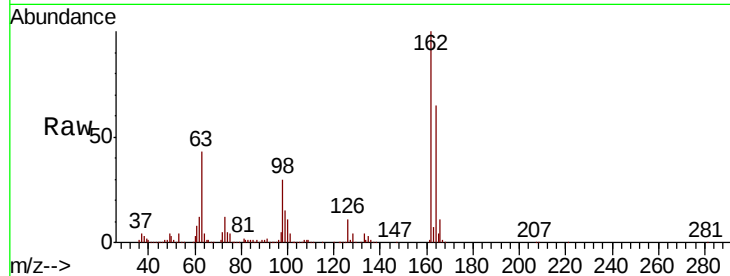
#29
 2,4-Dichlorophenol
 Concen: 53.018 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	926165		
164	64.9		44.5	84.5
98	30.3		14.2	54.2

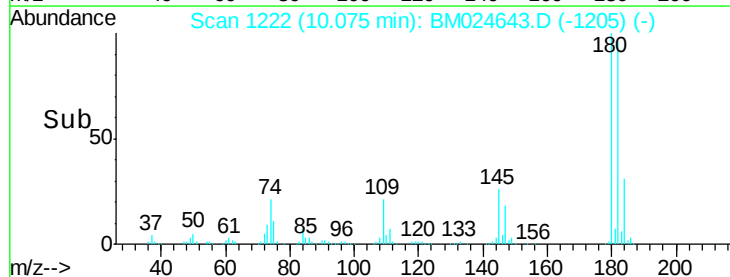
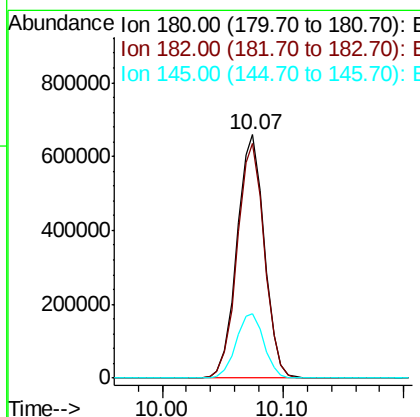
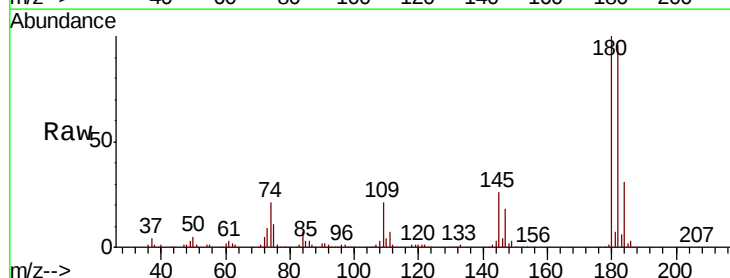
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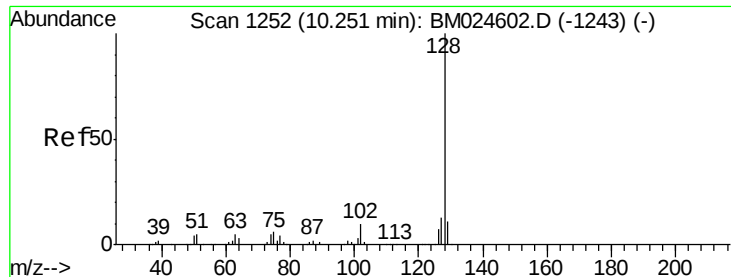
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.421 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1041222		
182	96.3		77.8	116.6
145	26.4		22.9	34.3





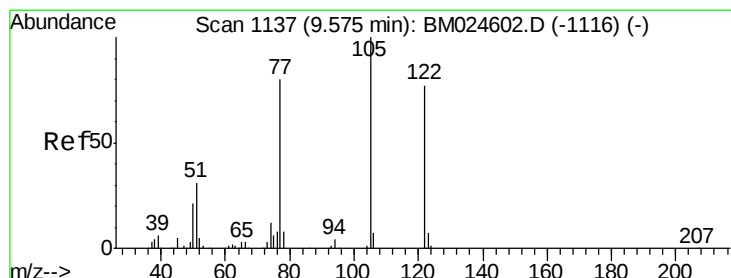
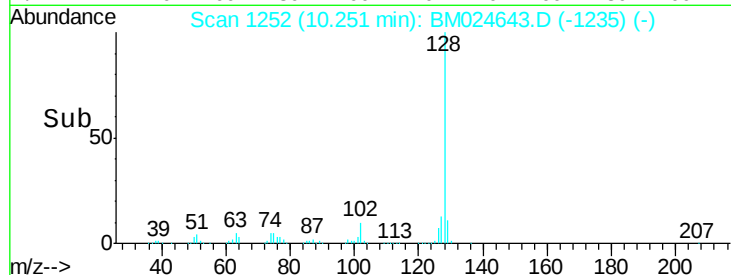
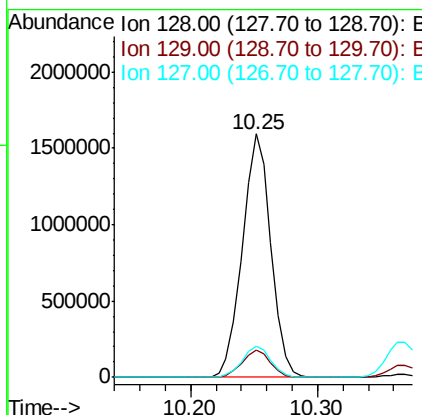
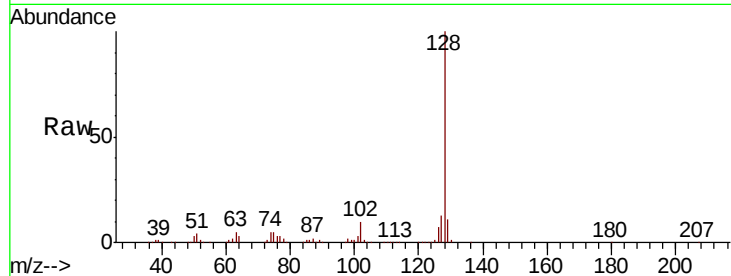
#31
Naphthalene
Concen: 46.669 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.6	15.8

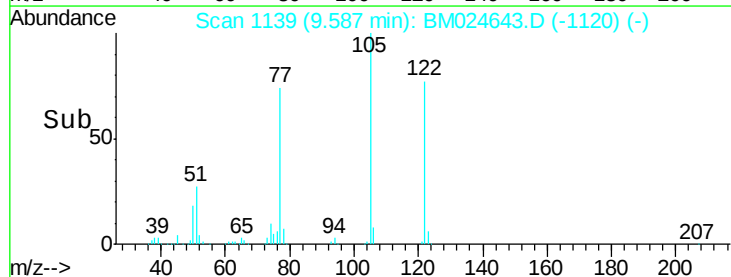
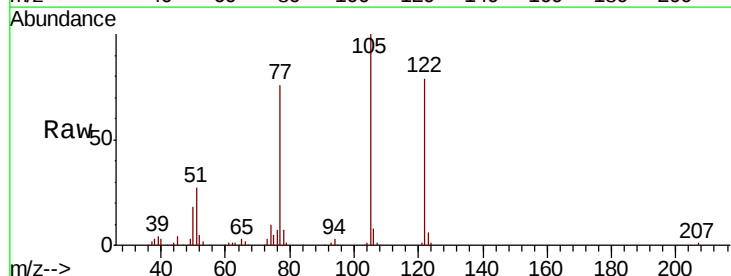
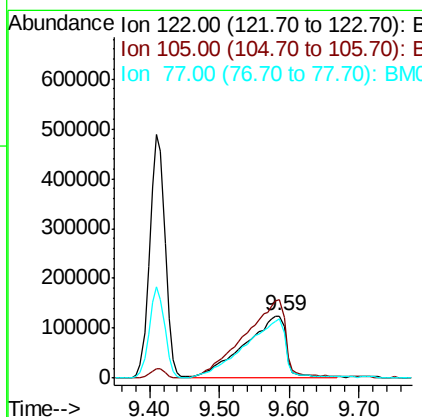
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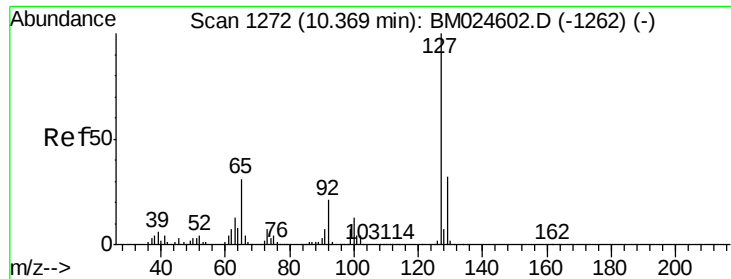
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#32
Benzoic acid
Concen: 44.219 ng m
RT: 9.59 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	107.7	147.7
77	96.0	83.8	123.8





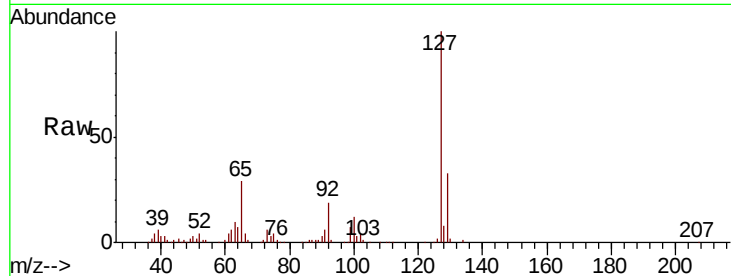
#33
4-Chloroaniline
Concen: 19.556 ng
RT: 10.37 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

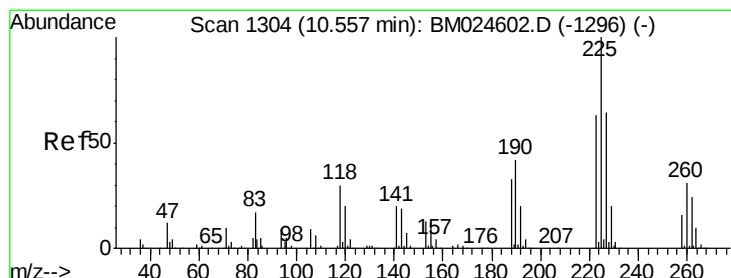
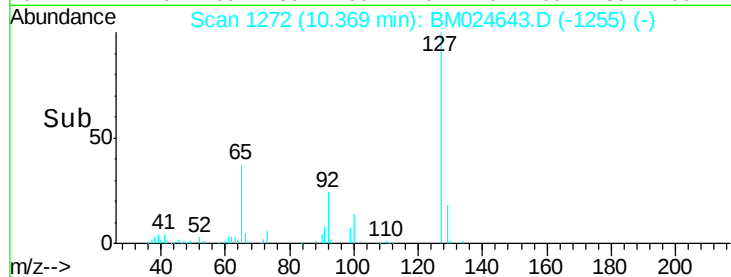
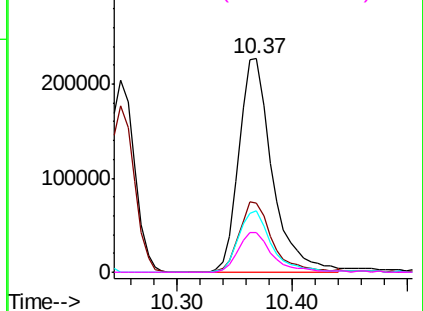
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		455291		
129	32.6	25.9	38.9		
65	28.5	25.1	37.7		
92	18.8	16.6	25.0		

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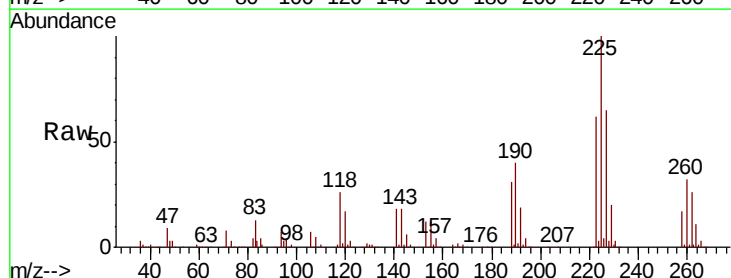


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

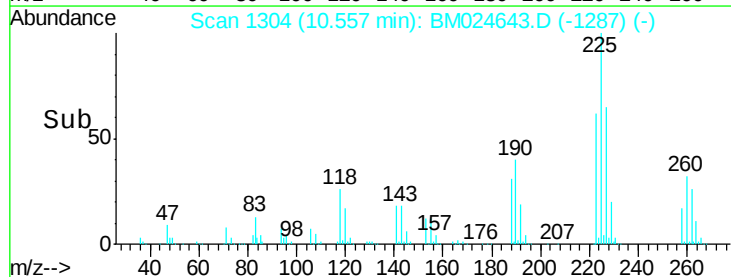
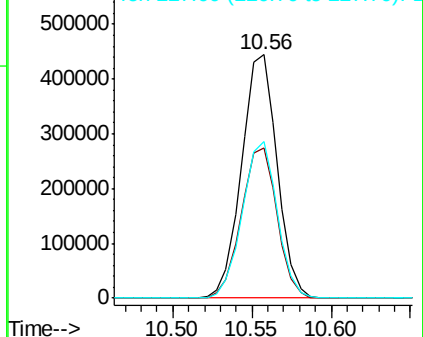


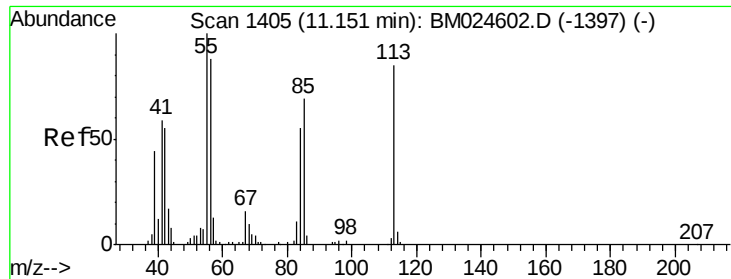
#34
Hexachlorobutadiene
Concen: 47.398 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		690315		
223	61.7	50.7	76.1		
227	64.6	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: 41.854 ng/mL

RT: 11.16 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

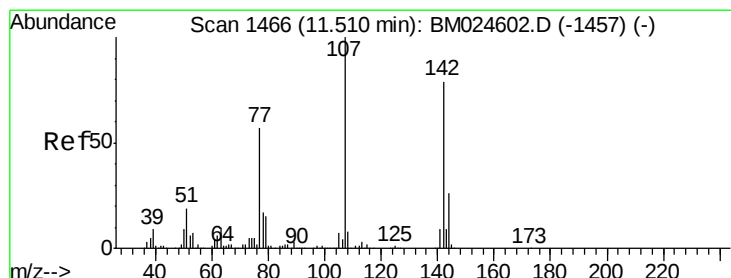
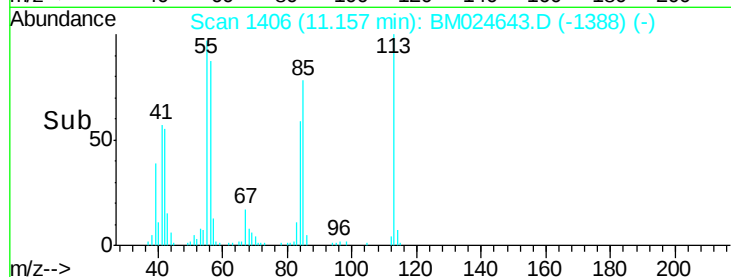
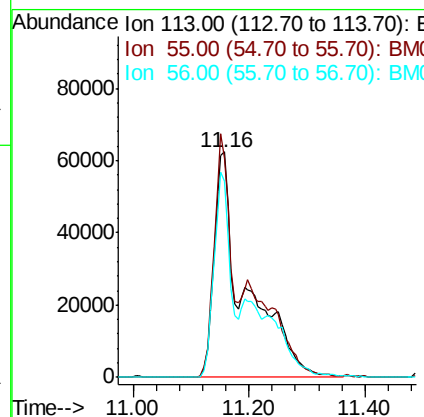
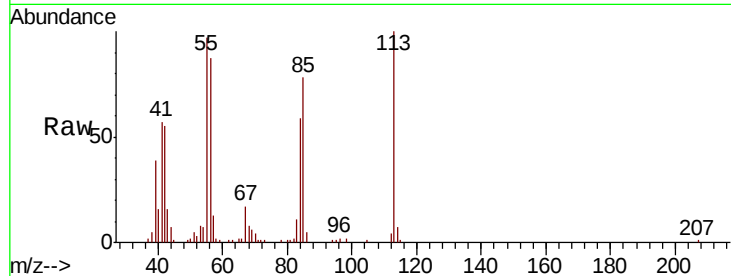
ClientSampleId :

PB126393BSD

Tot Ion:	113	Resp:	234569
Ion Ratio	Lower	Upper	
113	100		
55	97.3	97.5	137.5#
56	86.9	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 43.967 ng/mL

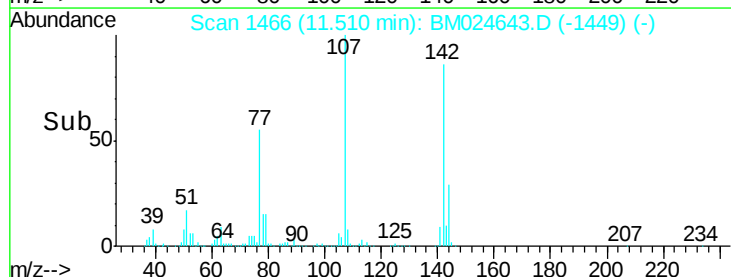
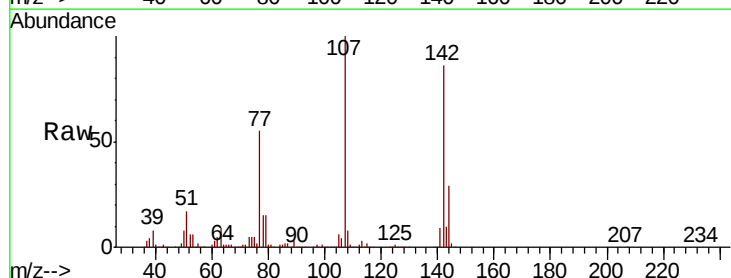
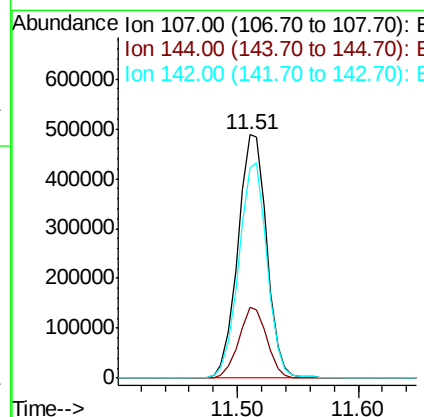
RT: 11.51 min Scan# 1466

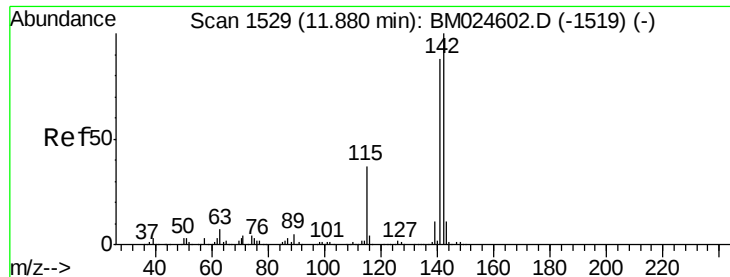
Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:	107	Resp:	816695
Ion Ratio	Lower	Upper	
107	100		
144	29.1	20.5	30.7
142	86.3	62.8	94.2





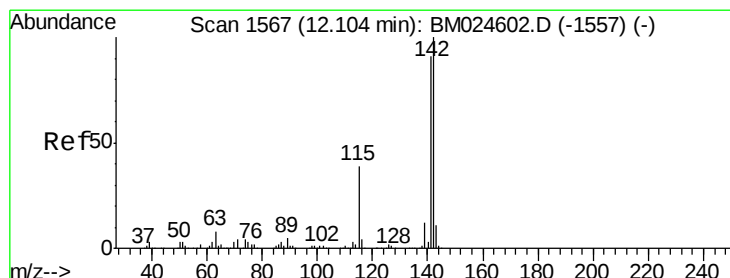
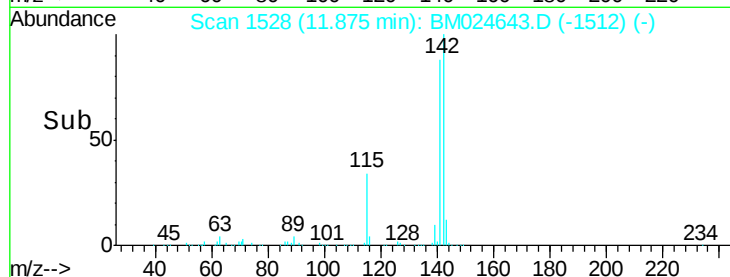
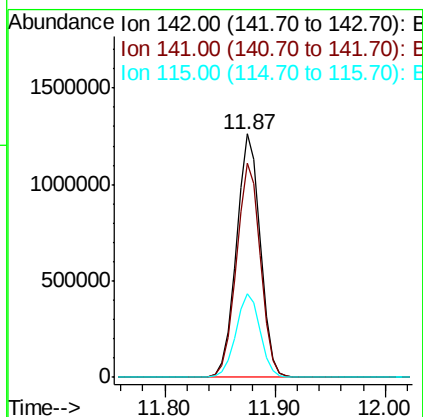
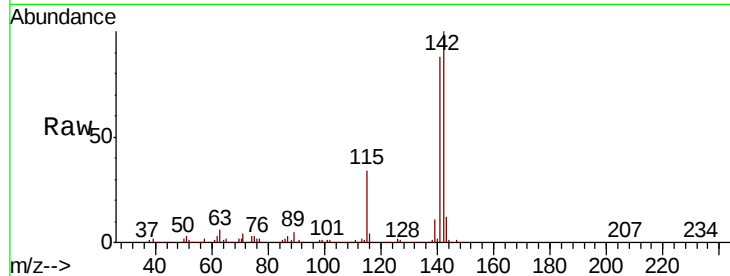
#37
2-Methylnaphthalene
Concen: 46.940 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.2
115	34.5	29.7	44.5

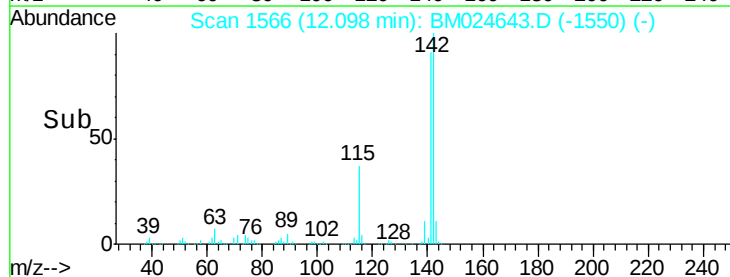
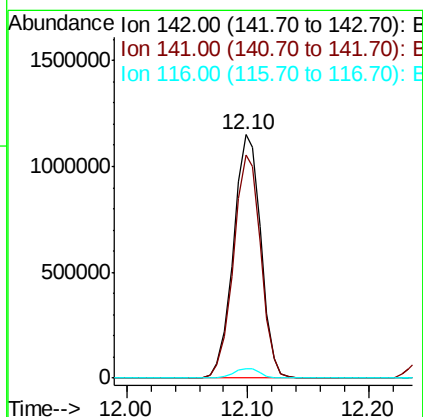
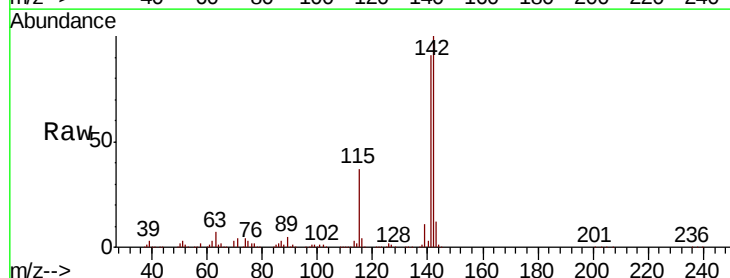
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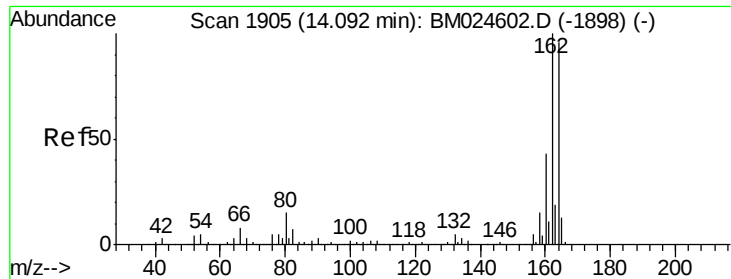
mohammad
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#38
1-Methylnaphthalene
Concen: 46.678 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.8	109.2
116	4.0	3.2	4.8





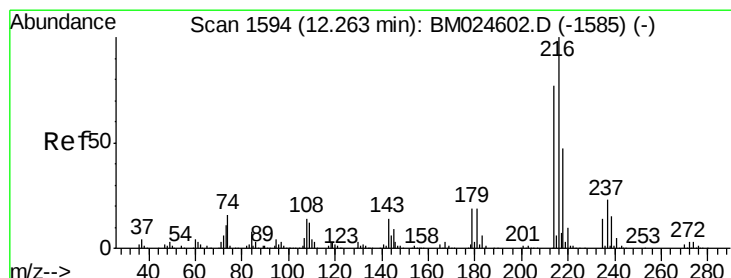
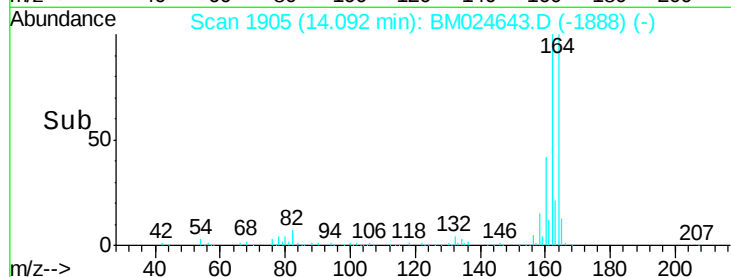
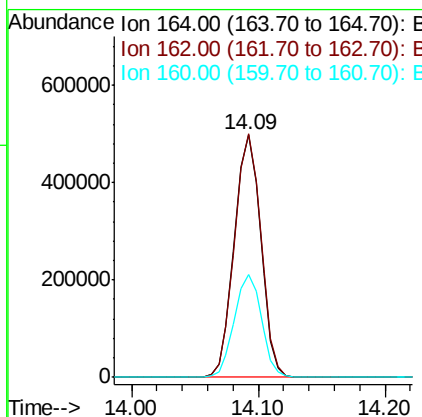
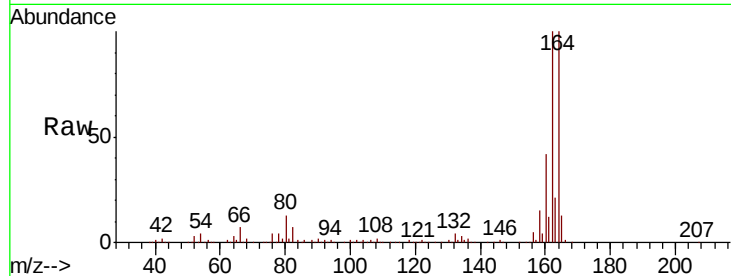
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.9	124.3
160	42.4	35.5	53.3

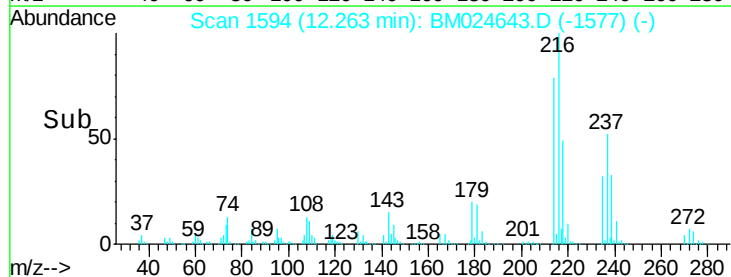
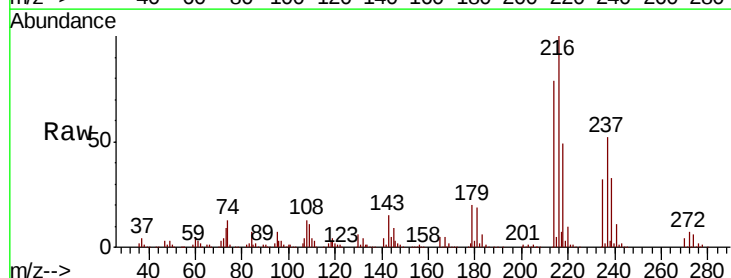
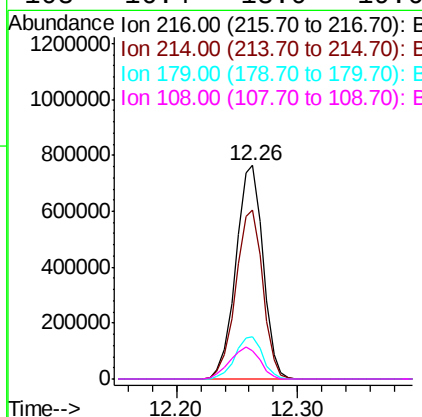
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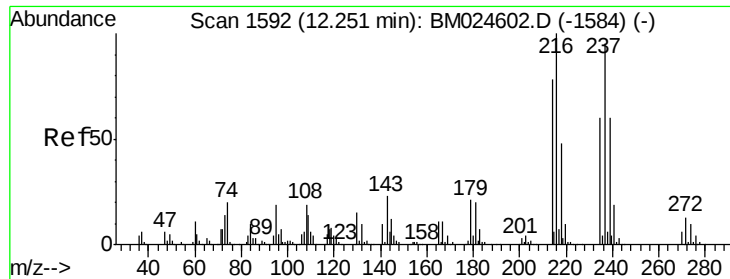
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.676 ng
RT: 12.26 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.3	93.5
179	19.8	16.1	24.1
108	16.4	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 128.344 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:237 Resp: 1849254

Ion Ratio Lower Upper

237 100

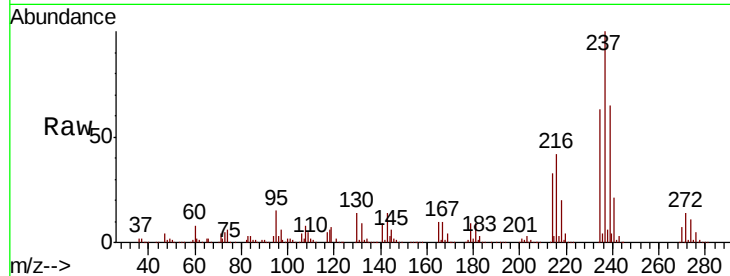
235 62.7 43.3 83.3

272 13.8 0.0 33.4

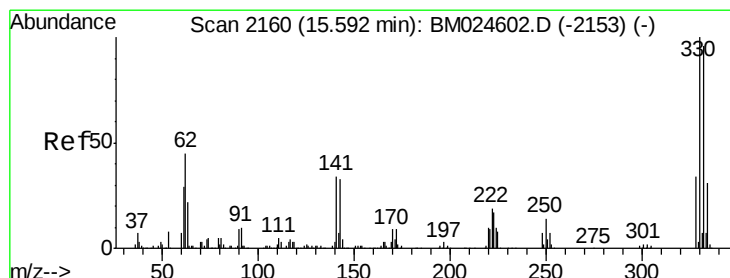
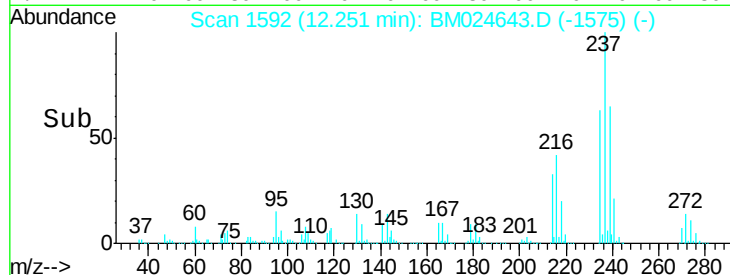
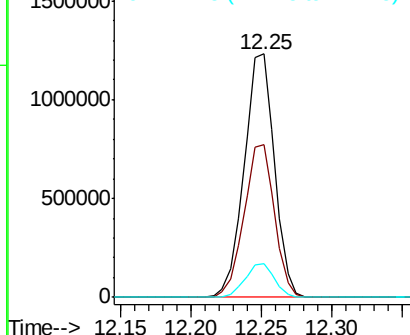
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.329 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

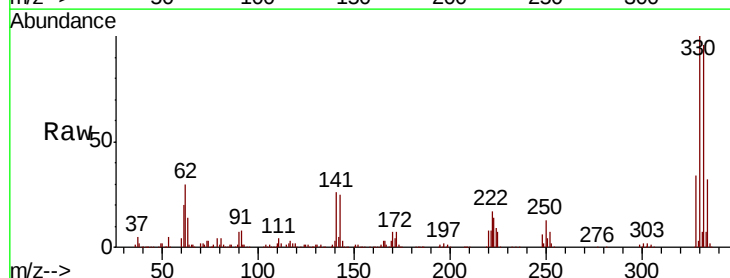
Tgt Ion:330 Resp: 1011430

Ion Ratio Lower Upper

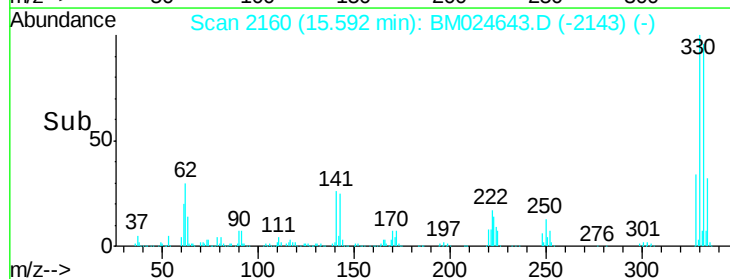
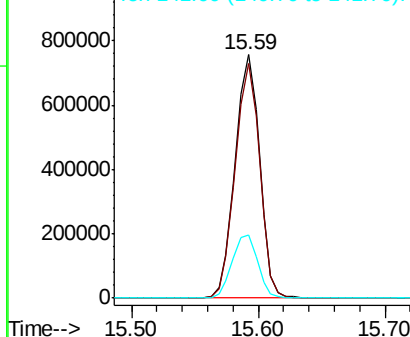
330 100

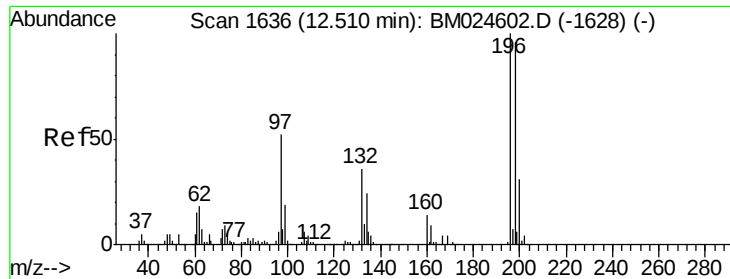
332 96.4 77.2 115.8

141 27.4 26.9 40.3



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





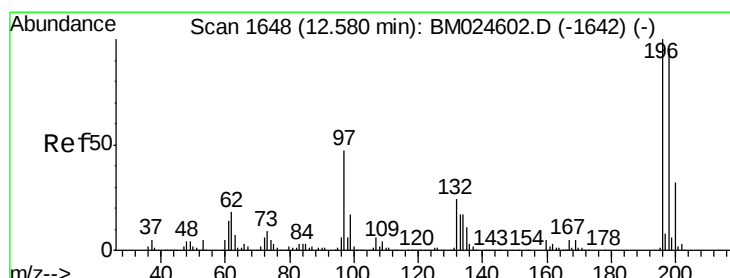
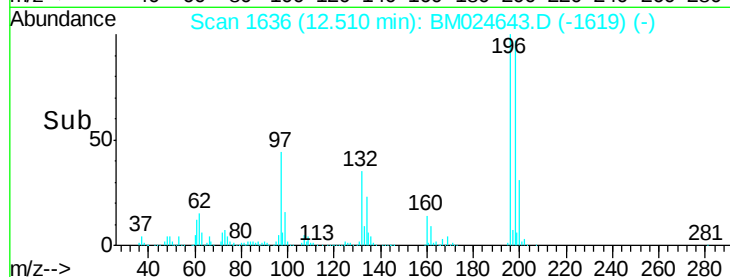
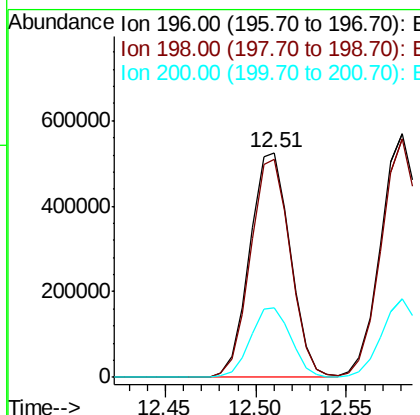
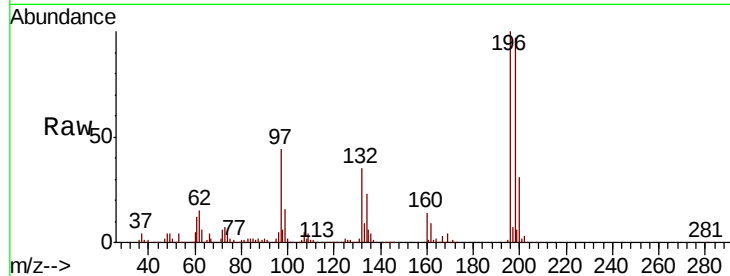
#43
 2,4,6-Trichlorophenol
 Concen: 49.760 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	813986		
198	97.2	76.5	114.7	
200	31.0	25.0	37.6	

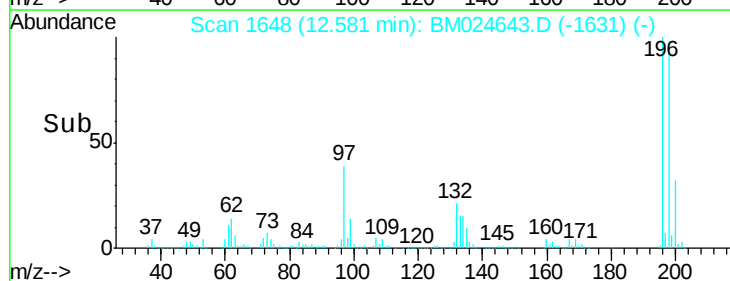
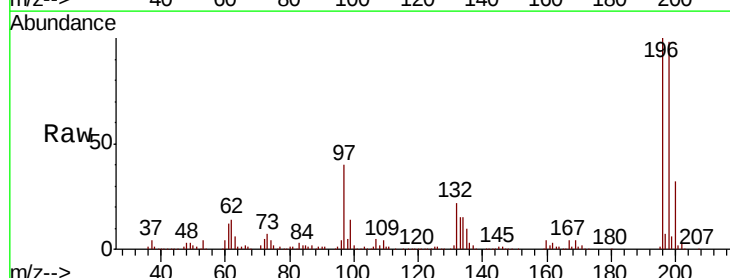
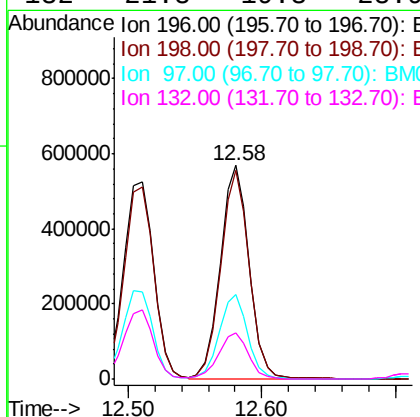
Manual Integrations
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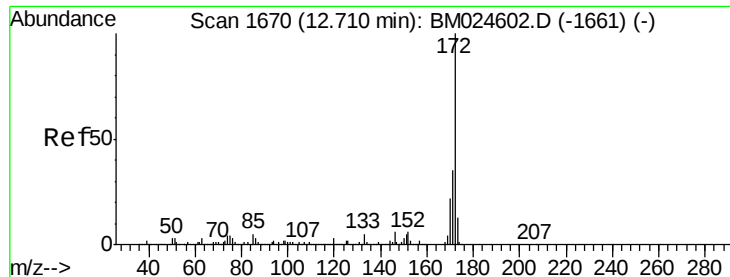
mohammad
 1/30/2020 10:18:43 AM



#44
 2,4,5-Trichlorophenol
 Concen: 51.189 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	855160		
198	97.8	77.2	115.8	
97	39.7	37.4	56.0	
132	21.8	19.3	28.9	





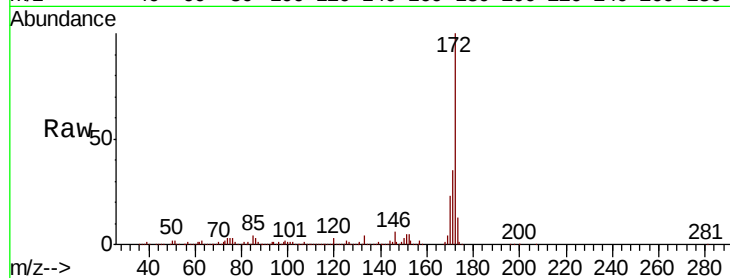
#45
2-Fluorobiphenyl
Concen: 81.508 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.6	17.9	26.9

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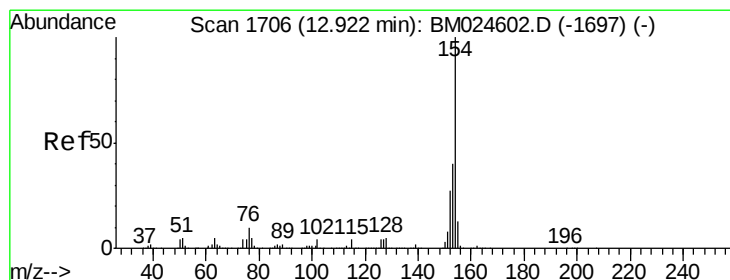
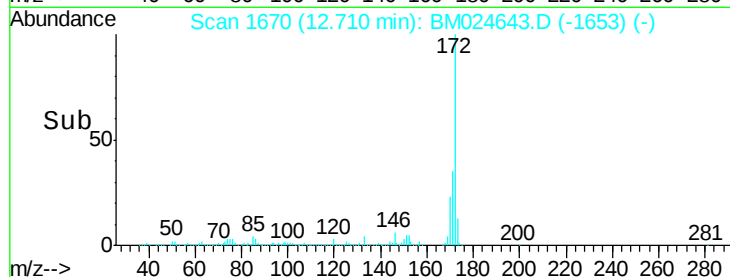
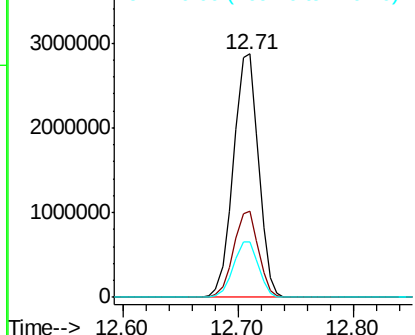


Abundance

Ion 172.00 (171.70 to 172.70): E

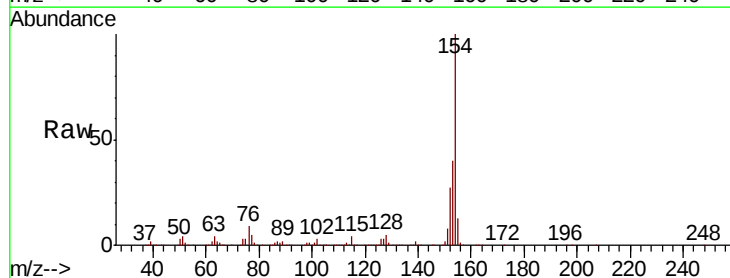
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 46.327 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	9.3	0.0	30.5

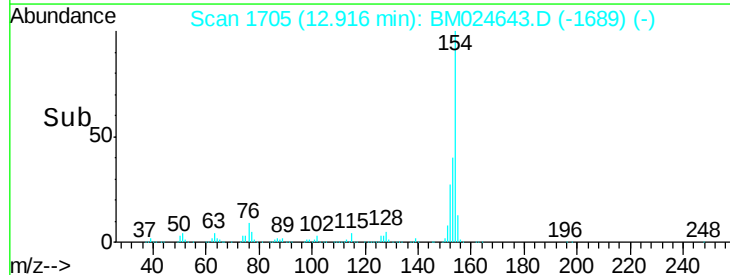
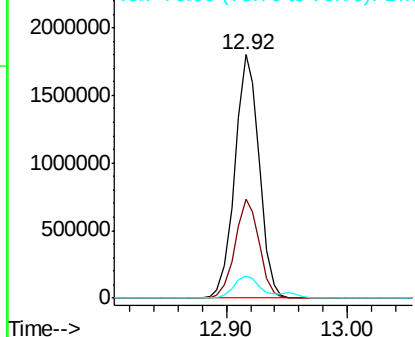


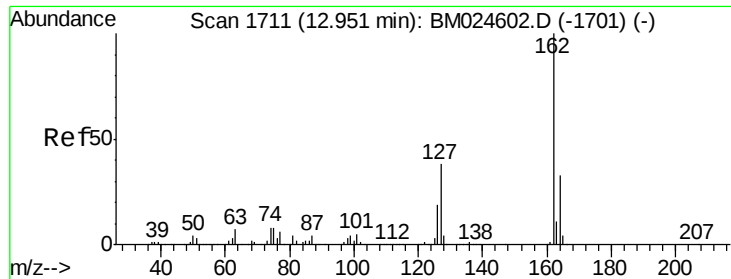
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





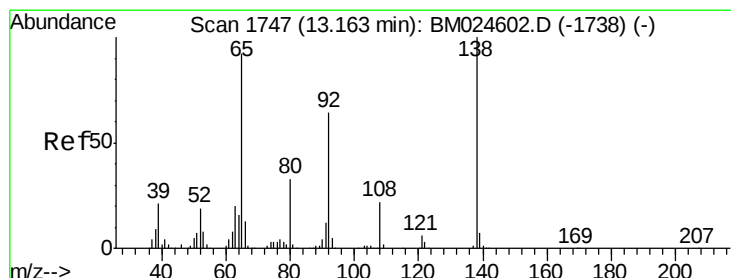
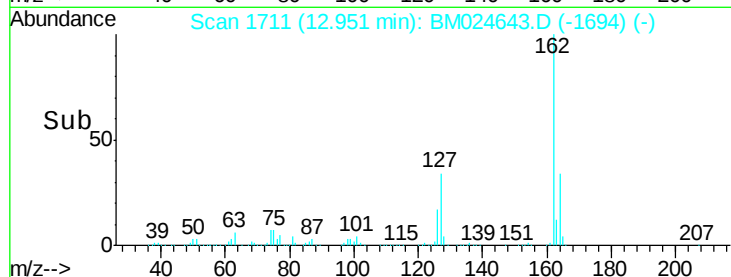
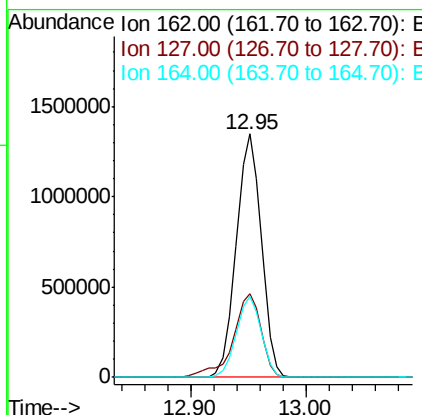
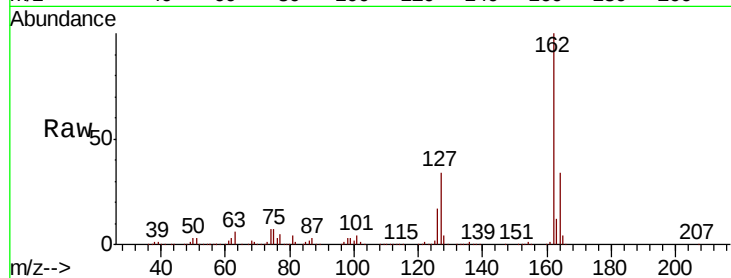
#47
2-Chloronaphthalene
Concen: 46.012 ng
RT: 12.95 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	30.4	45.6
164	33.5	26.5	39.7

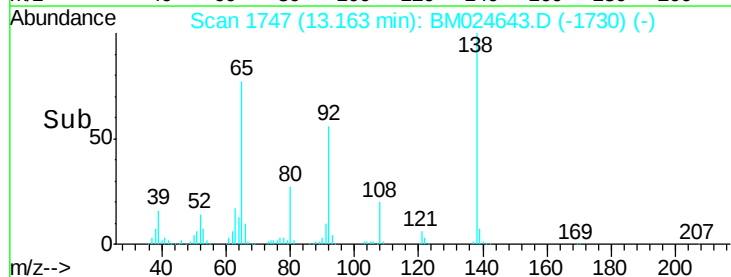
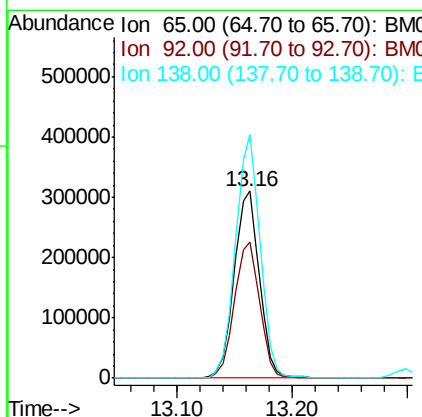
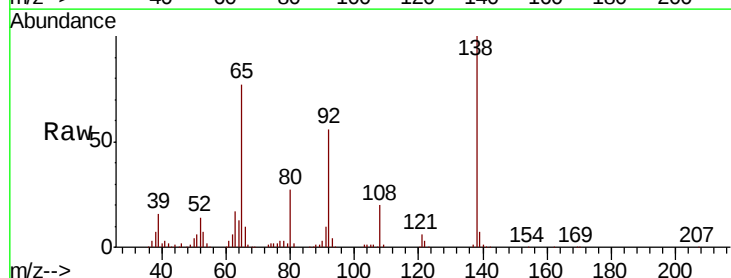
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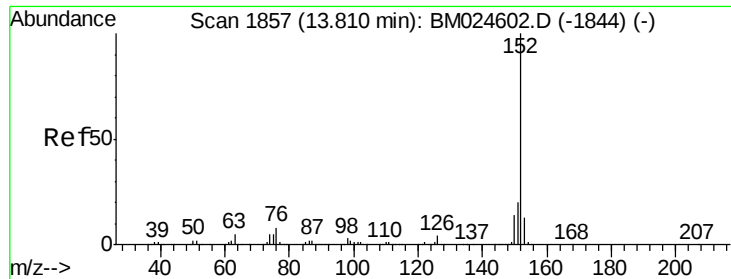
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#48
2-Nitroaniline
Concen: 35.035 ng
RT: 13.16 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	55.4	83.2
138	130.0	86.6	129.8





#49

Acenaphthylene

Concen: 47.534 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:152 Resp: 3131236

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

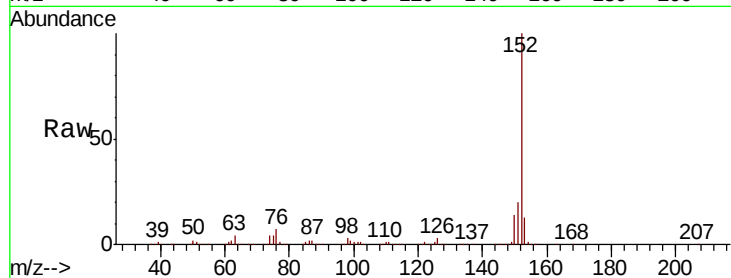
153 12.6 10.4 15.6

Manual Integrations

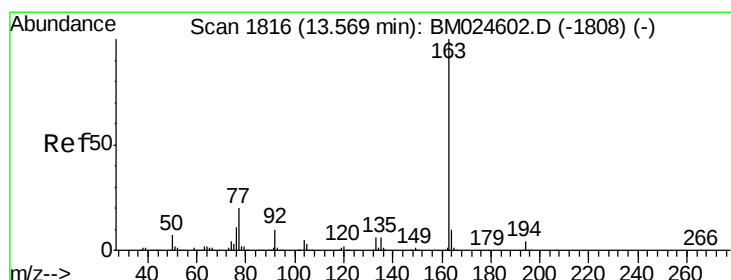
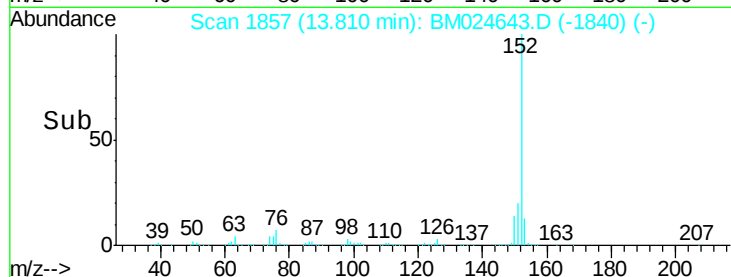
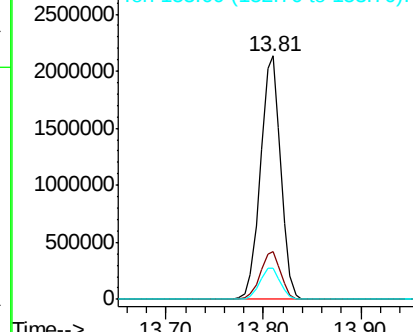
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.902 ng

RT: 13.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

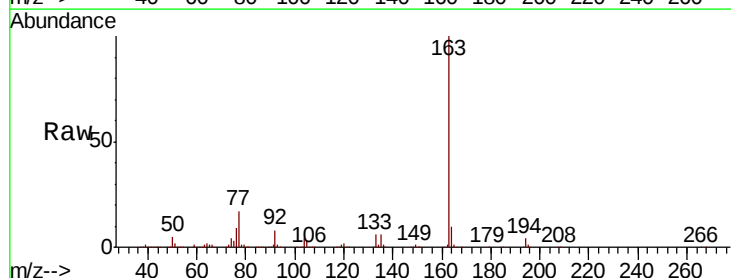
Tgt Ion:163 Resp: 2556909

Ion Ratio Lower Upper

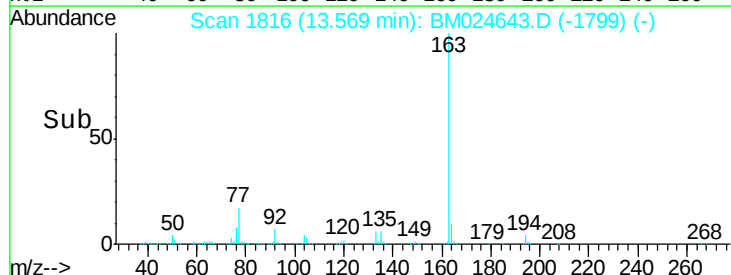
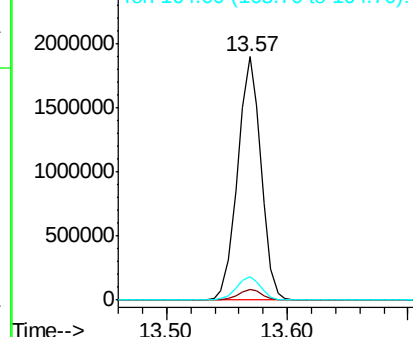
163 100

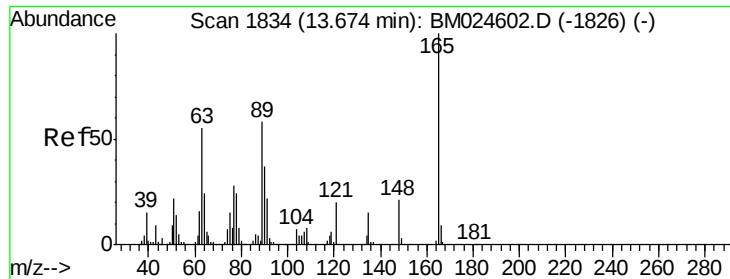
194 4.3 3.4 5.0

164 9.8 8.0 12.0



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





#51

2,6-Dinitrotoluene

Concen: 46.413 ng

RT: 13.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:165 Resp: 574718
Ion Ratio Lower Upper

165 100

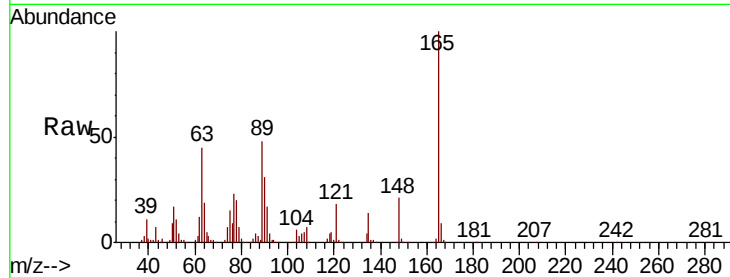
63 45.2 45.4 68.0#

89 47.5 46.6 69.8

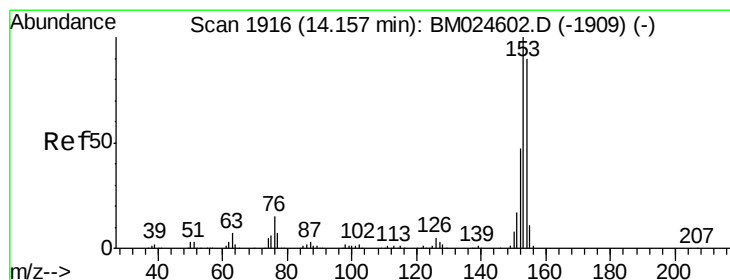
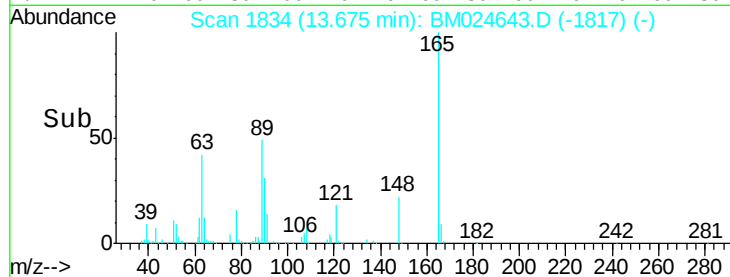
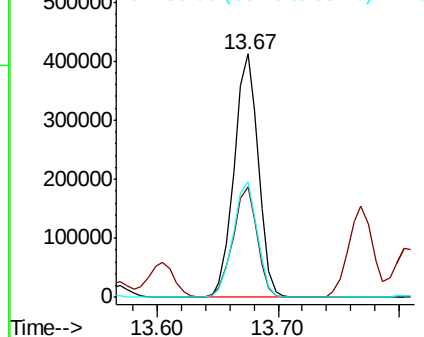
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 45.408 ng

RT: 14.16 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BM024643.D

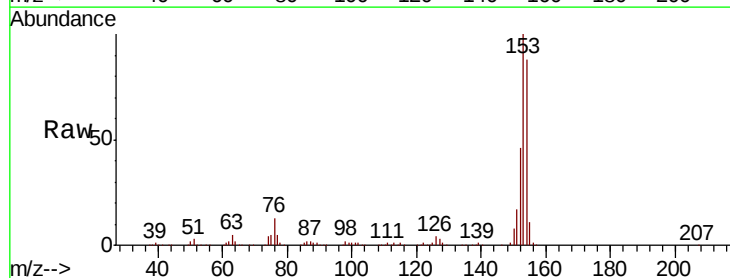
Acq: 29 Jan 2020 10:53

Tgt Ion:154 Resp: 1856127
Ion Ratio Lower Upper

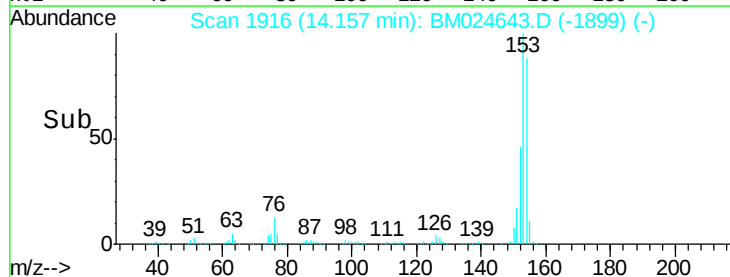
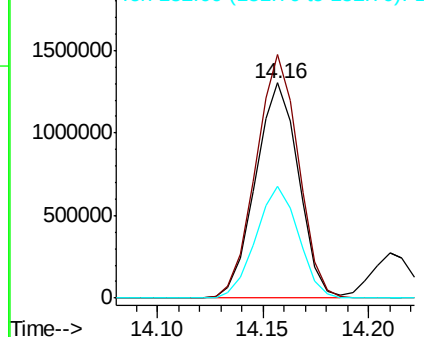
154 100

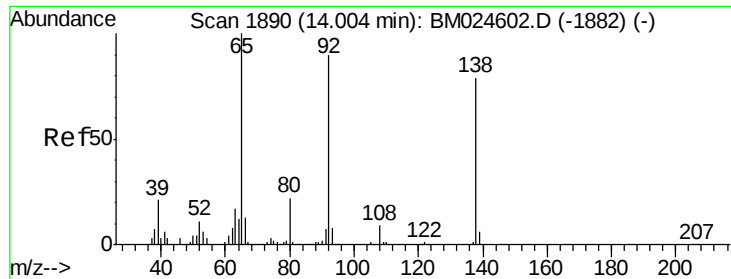
153 113.0 89.1 133.7

152 51.9 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





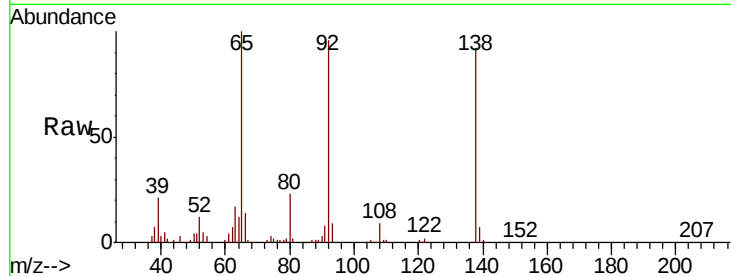
#53
3-Nitroaniline
Concen: 27.856 ng
RT: 14.00 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

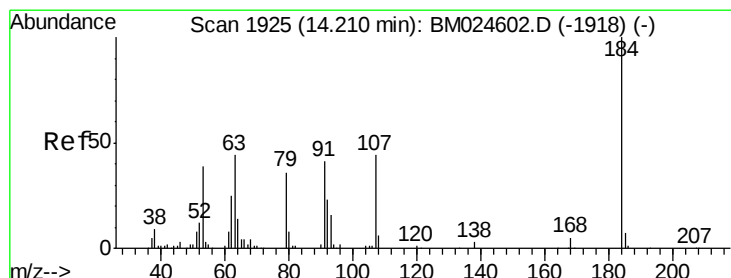
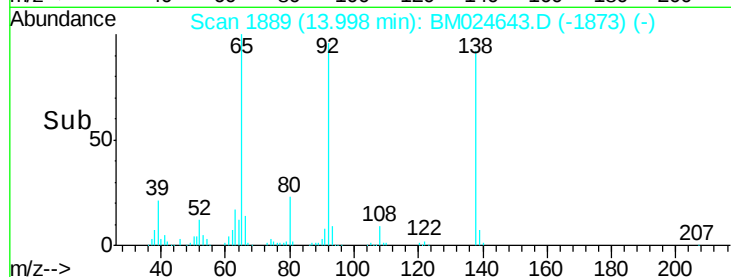
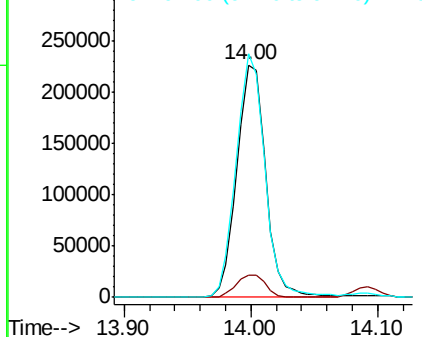
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.7	13.1
92	104.8	91.0	136.4

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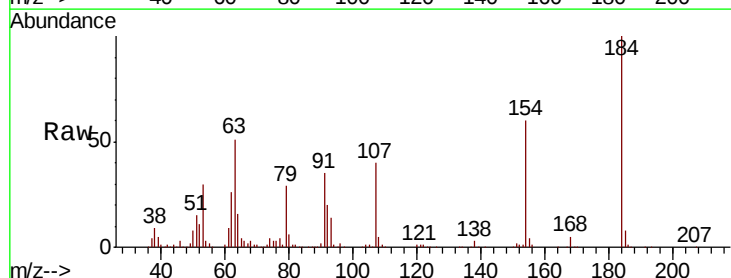


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

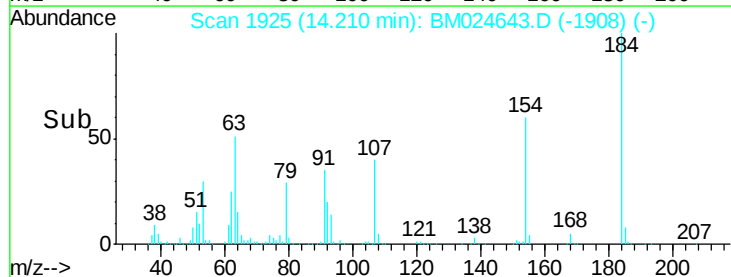
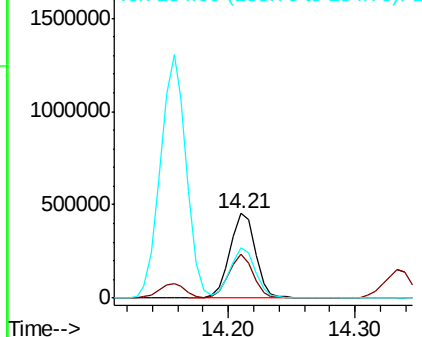


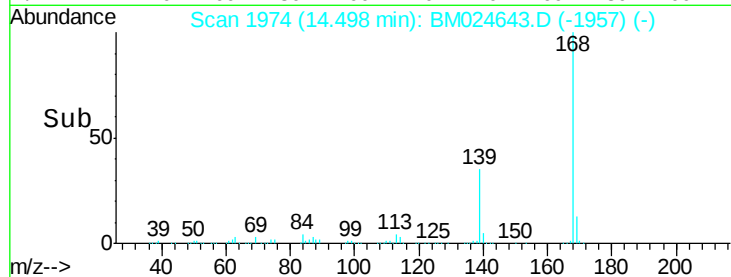
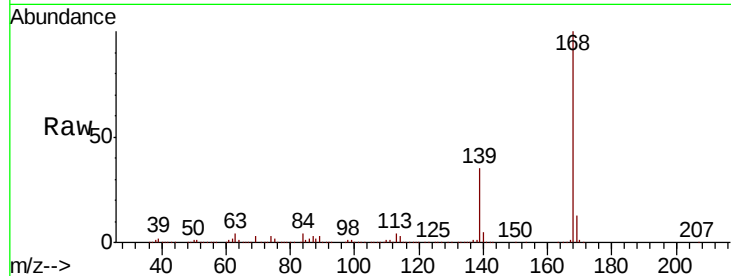
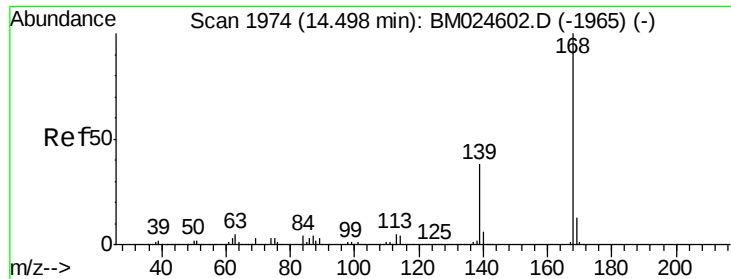
#54
2,4-Dinitrophenol
Concen: 86.609 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.2	51.8	77.8#
154	60.0	50.2	75.4



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





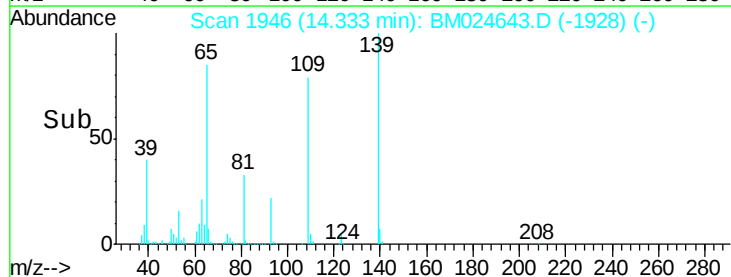
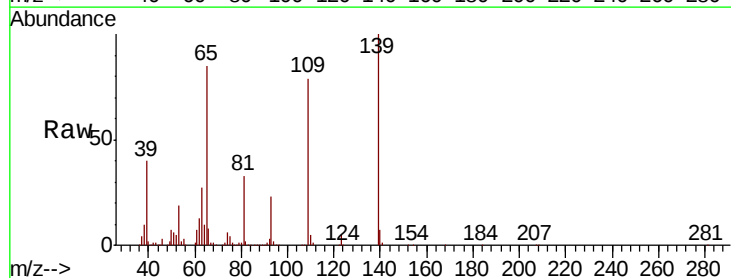
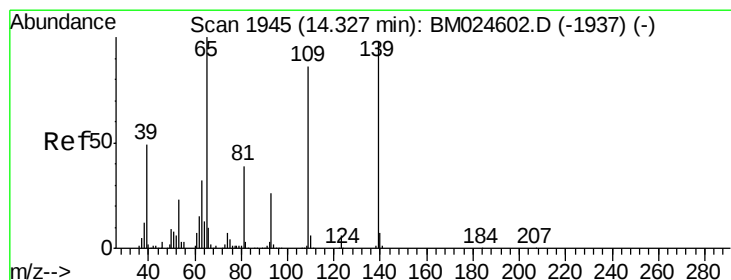
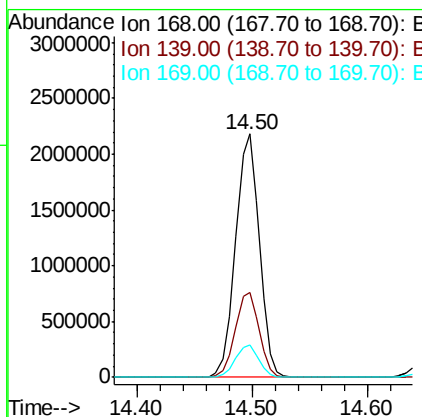
#55
Dibenzofuran
Concen: 46.454 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampled :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.2	45.4
169	13.1	10.7	16.1

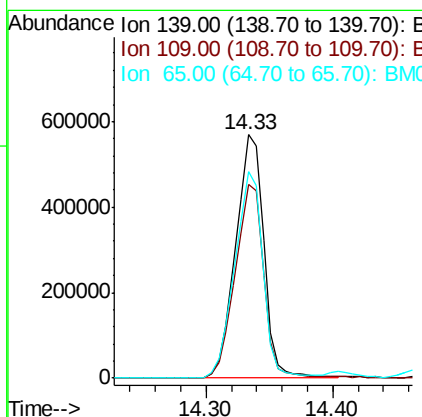
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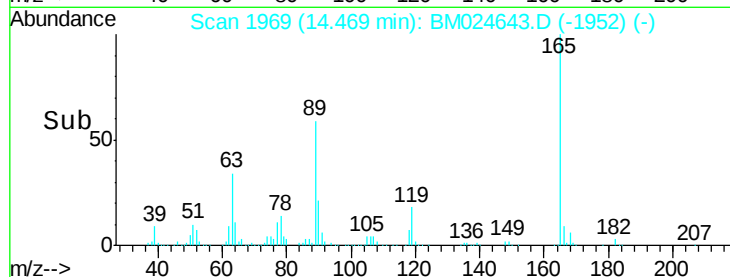
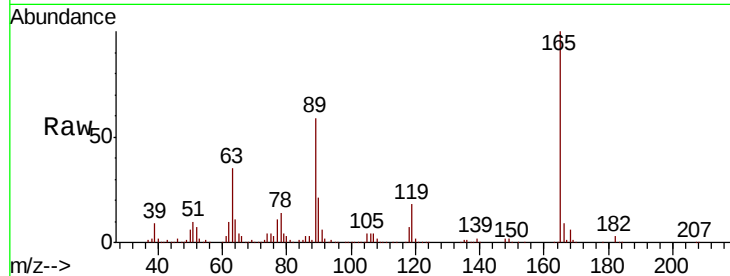
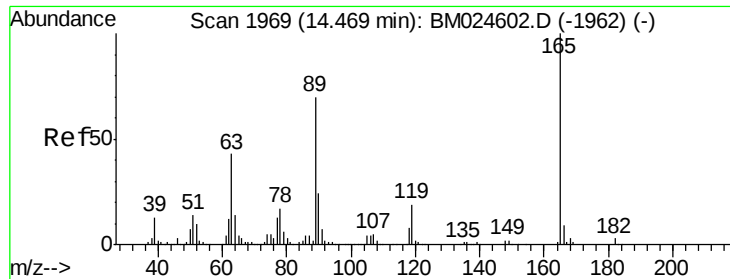
mohammad
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#56
4-Nitrophenol
Concen: 87.398 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.5	67.4	107.4
65	84.9	82.1	122.1





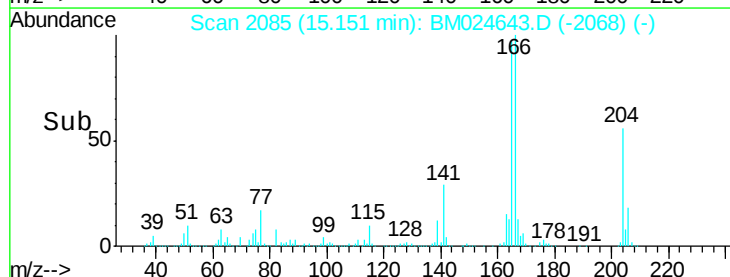
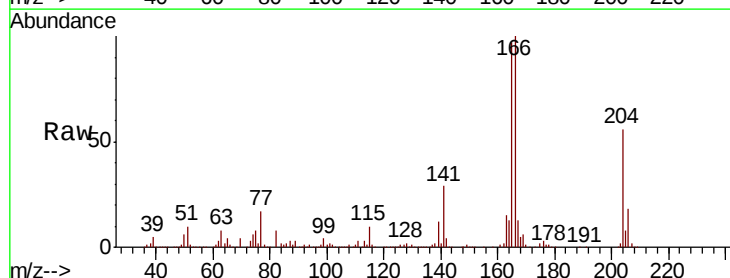
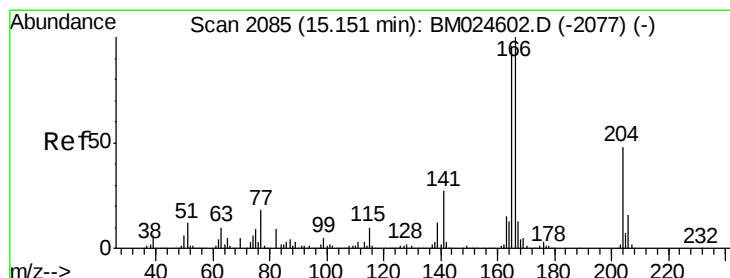
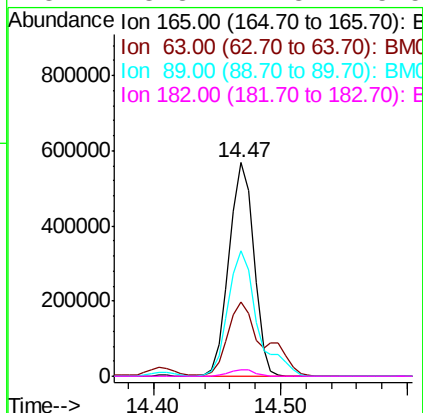
#57
2,4-Dinitrotoluene
Concen: 43.363 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		769542		
63	35.0		34.5	51.7	
89	58.7		55.8	83.8	
182	3.3		2.3	3.5	

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

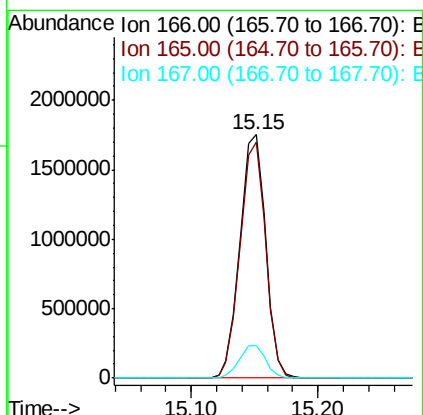
Manual Integrations
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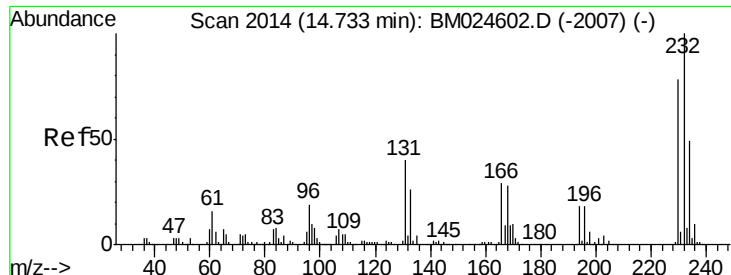
mohammad
1/30/2020 10:18:43 AM



#58
Fluorene
Concen: 44.103 ng
RT: 15.15 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2470789		
165	96.8		76.6	114.8	
167	13.3		10.8	16.2	





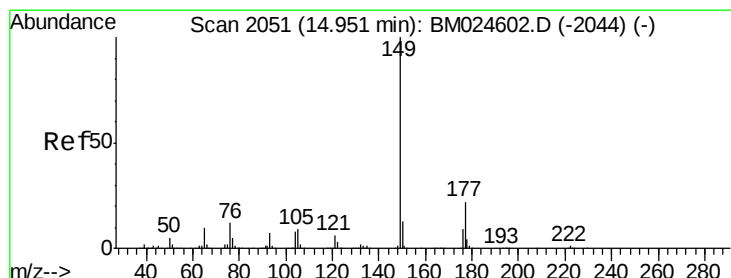
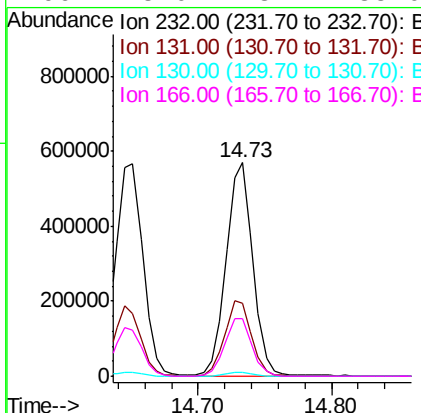
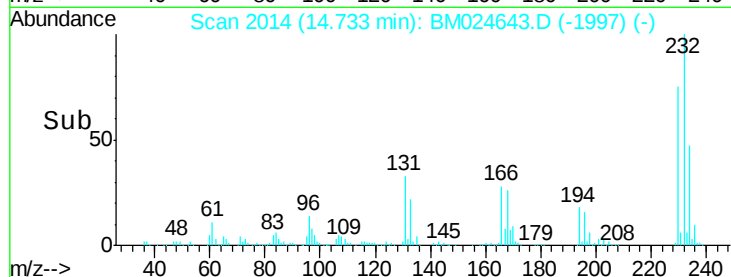
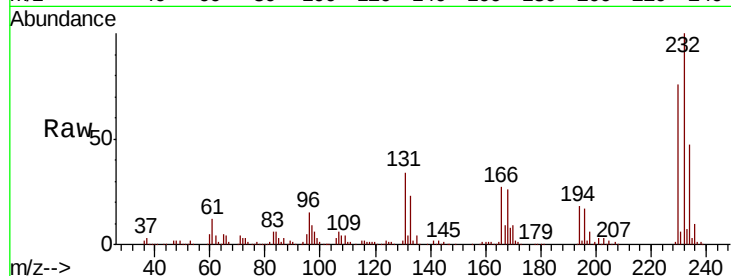
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.803 ng
 RT: 14.73 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	792921		
131	35.9	32.2	48.4	
130	1.9	1.9	2.9	
166	28.0	23.4	35.0	

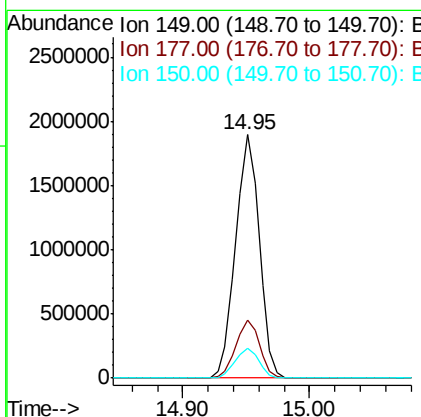
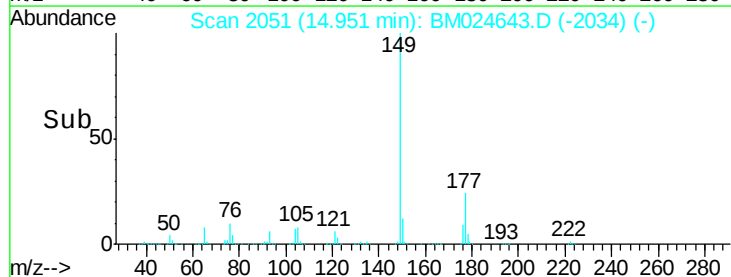
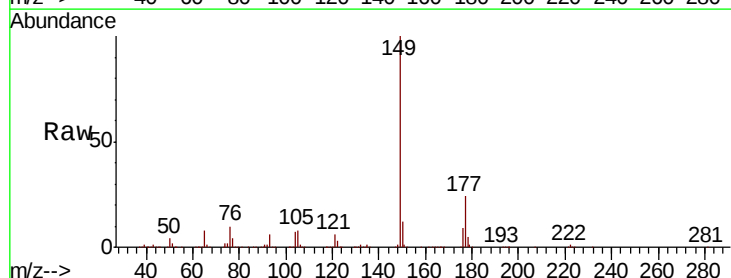
Manual Integrations
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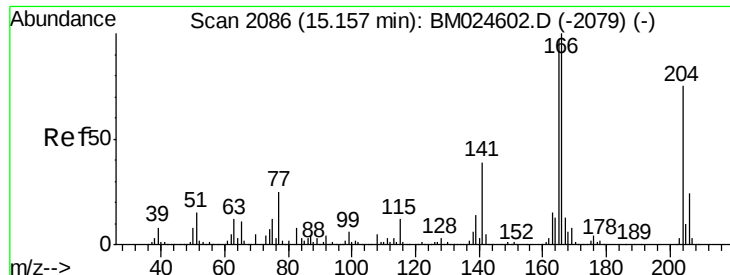
mohammad
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#60
 Diethylphthalate
 Concen: 41.305 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2442322		
177	24.1	18.0	27.0	
150	12.5	10.2	15.4	





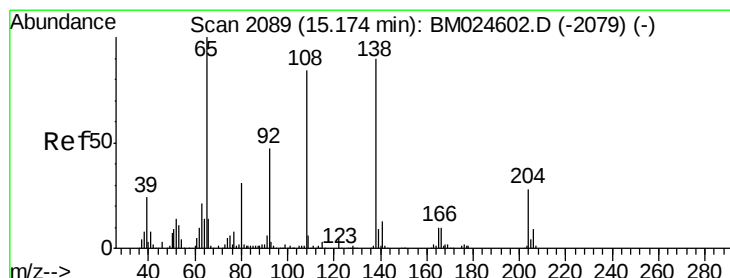
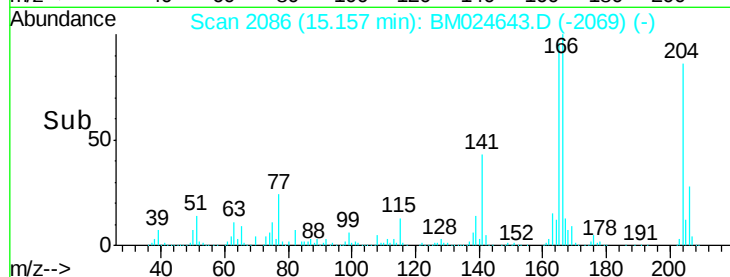
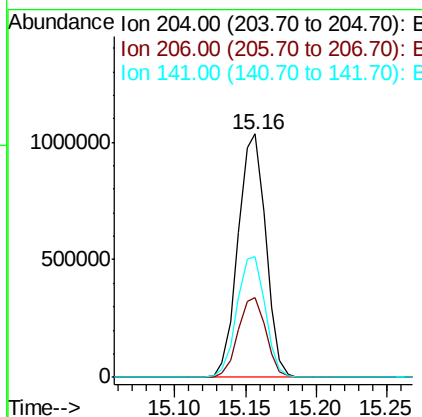
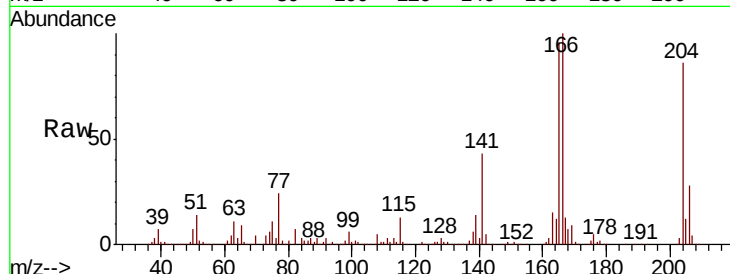
#61
 4-Chlorophenyl-phenylether
 Concen: 44.086 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampled :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	49.5	42.2	63.2

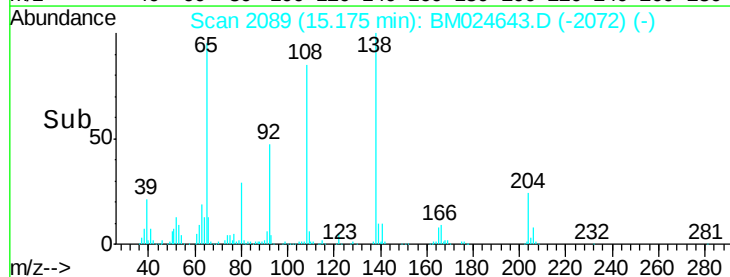
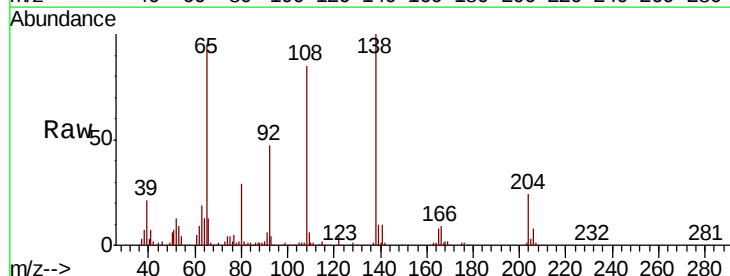
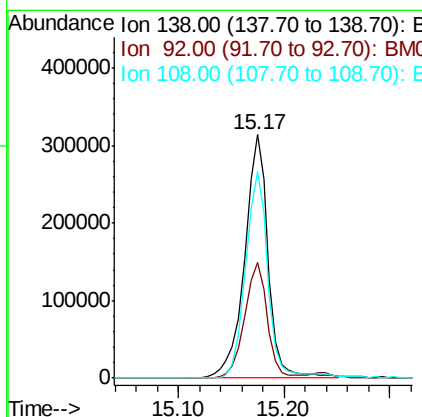
Manual Integrations
 APPROVED

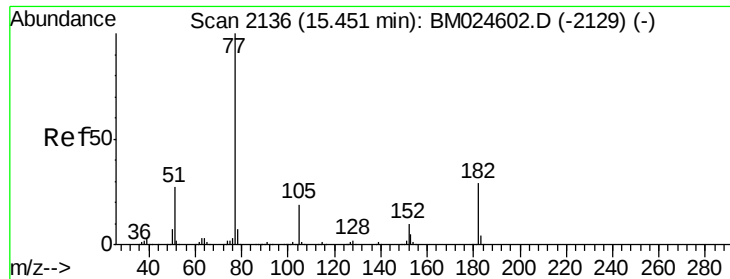
mohammad
 1/30/2020 10:18:43 AM



#62
 4-Nitroaniline
 Concen: 34.465 ng
 RT: 15.17 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	32.4	72.4
108	85.0	73.3	113.3





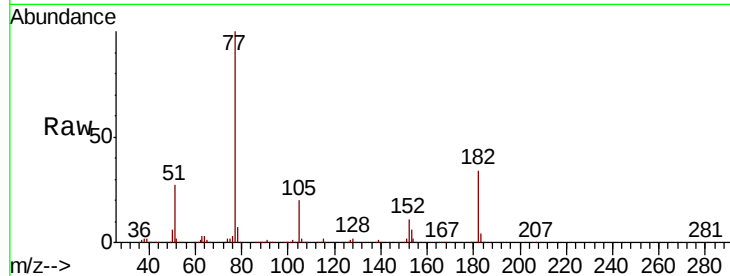
#63
Azobenzene
Concen: 38.254 ng
RT: 15.45 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	77	Resp	1929358
Ion	Ratio	Lower	Upper
77	100		
182	34.2	8.7	48.7
105	20.5	0.0	39.2
51	26.6	7.5	47.5

Manual Integrations
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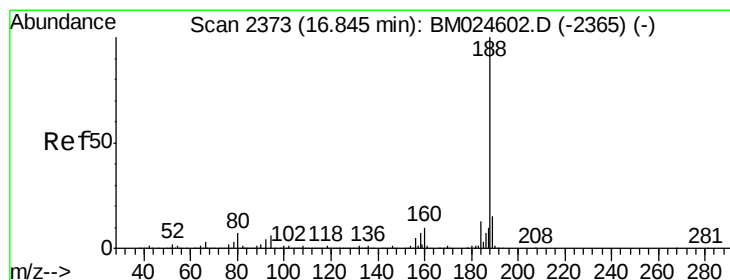
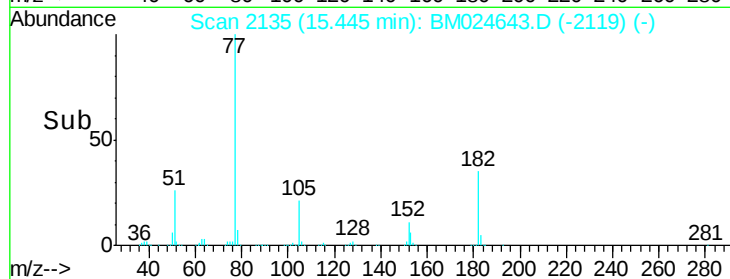
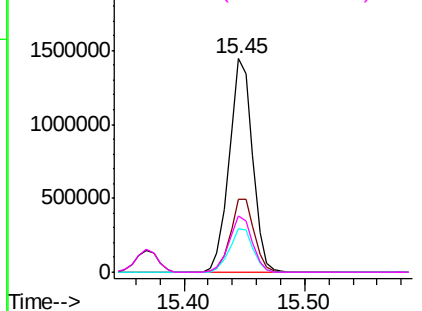


Abundance Ion 77.00 (76.70 to 77.70): BM024643.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024643.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM024643.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024643.D (-2119) (-)



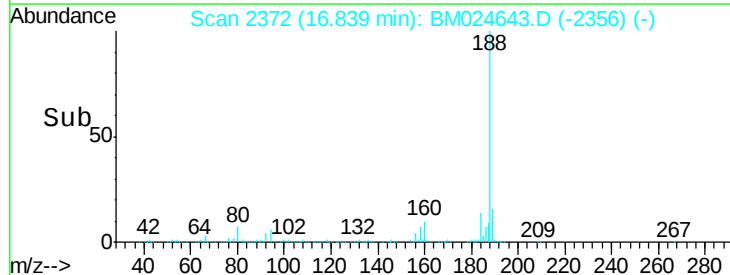
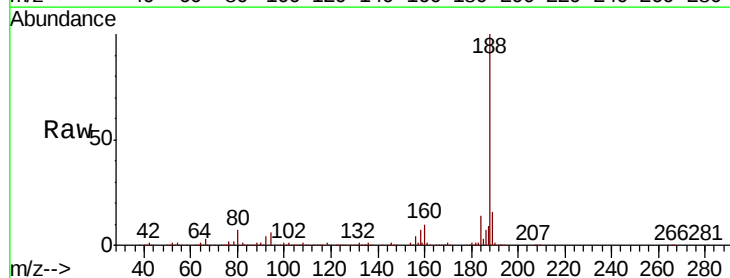
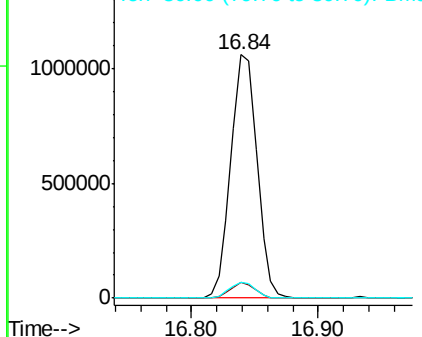
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

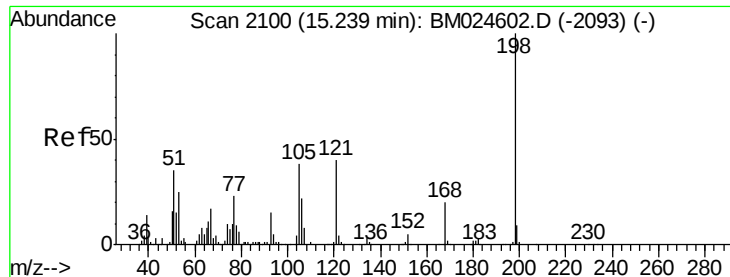
Tgt Ion	188	Resp	1525129
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.6
80	6.7	5.8	8.8

Abundance Ion 188.00 (187.70 to 188.70): BM024643.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024643.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024643.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 50.386 ng

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:198 Resp: 451834
Ion Ratio Lower Upper

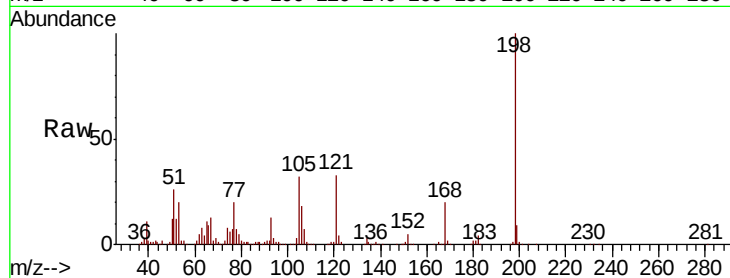
198 100

51 25.7 15.8 55.8

105 31.9 18.5 58.5

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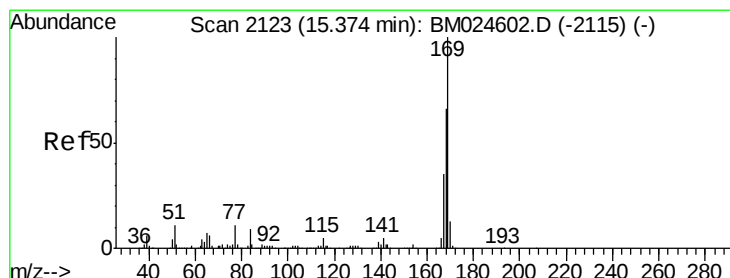
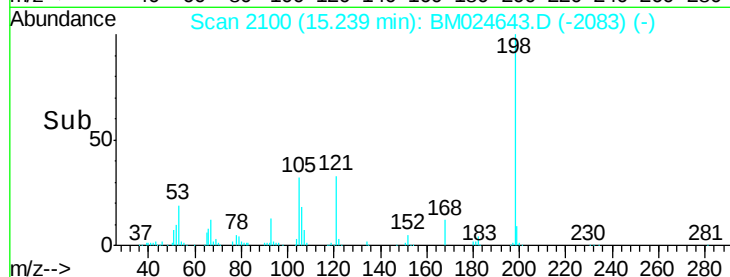
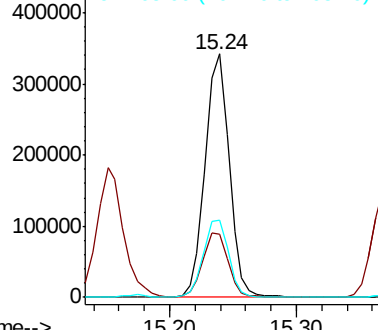
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.723 ng

RT: 15.37 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM024643.D

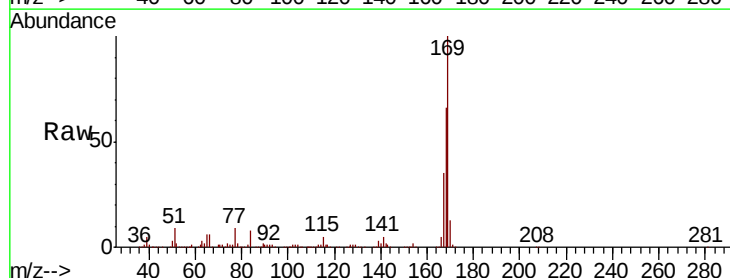
Acq: 29 Jan 2020 10:53

Tgt Ion:169 Resp: 2178313
Ion Ratio Lower Upper

169 100

168 65.5 52.8 79.2

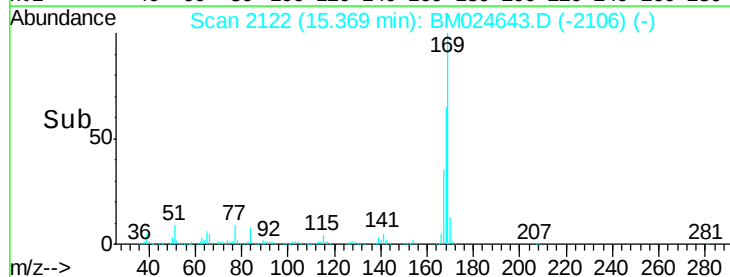
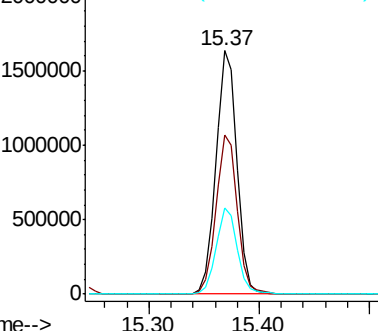
167 35.3 28.2 42.2

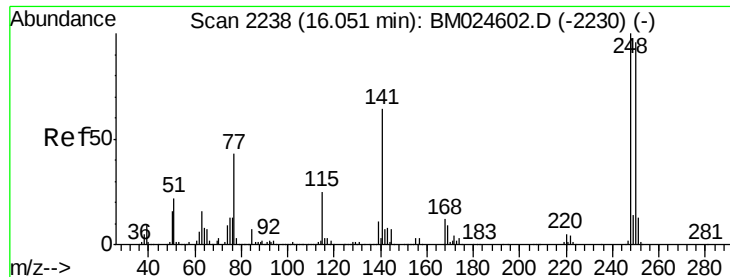


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





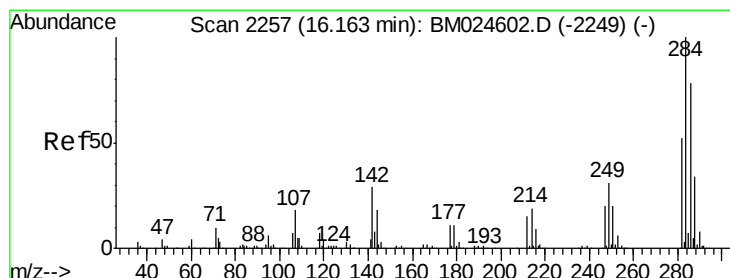
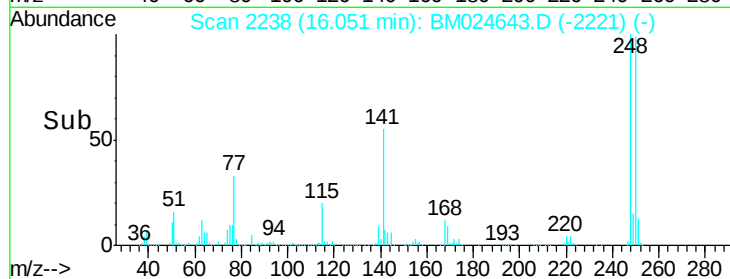
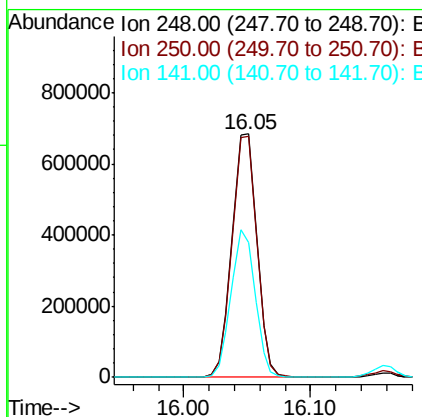
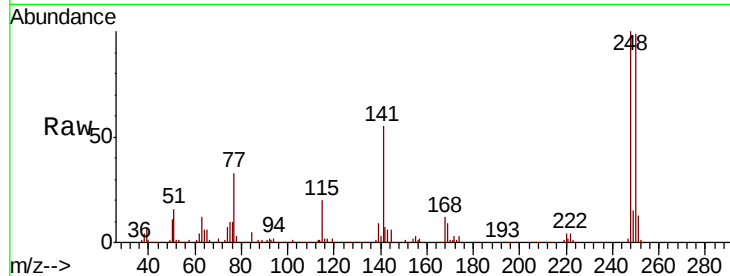
#67
 4-Bromophenyl-phenylether
 Concen: 49.110 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.6
141	55.3	50.9	76.3

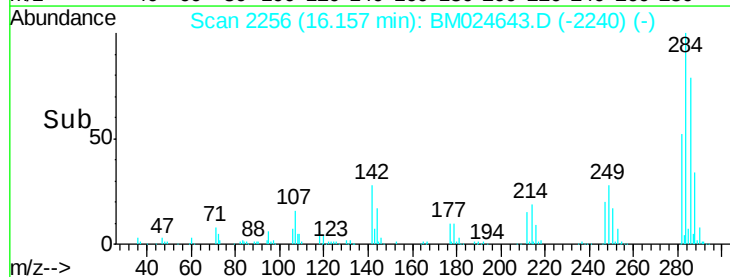
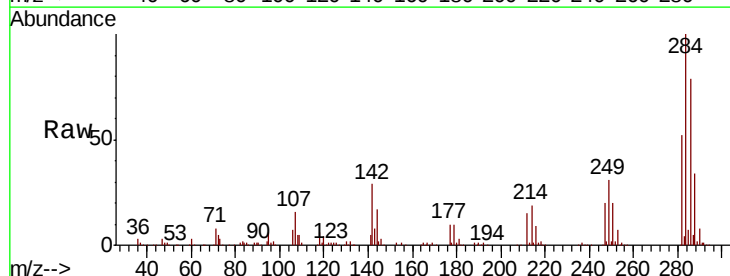
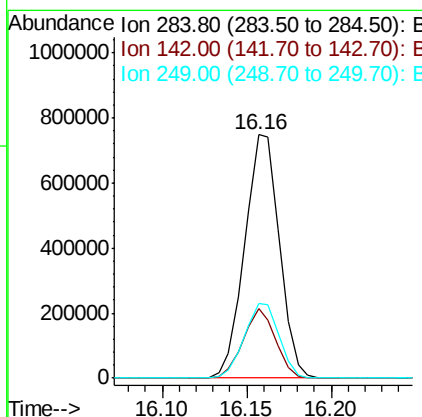
Manual Integrations
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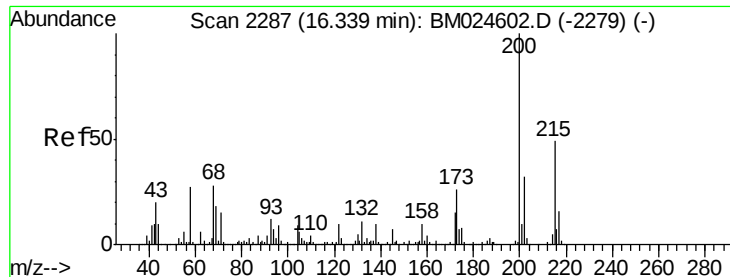
mohammad
 1/30/2020 10:18:43 AM



#68
 Hexachlorobenzene
 Concen: 49.222 ng
 RT: 16.16 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	23.5	35.3
249	30.8	24.6	36.8





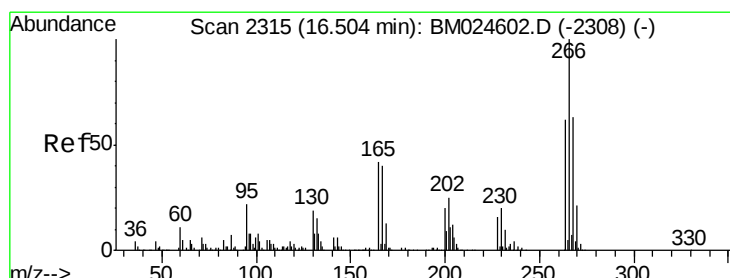
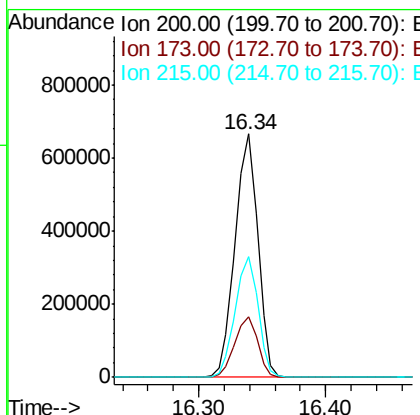
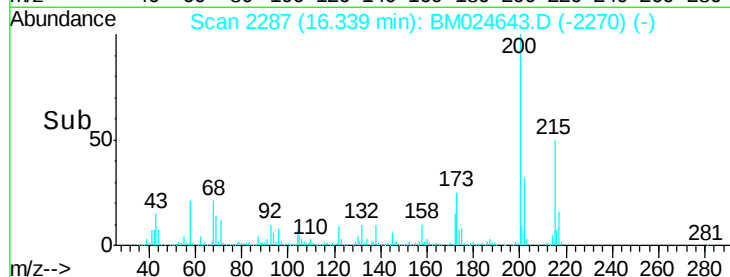
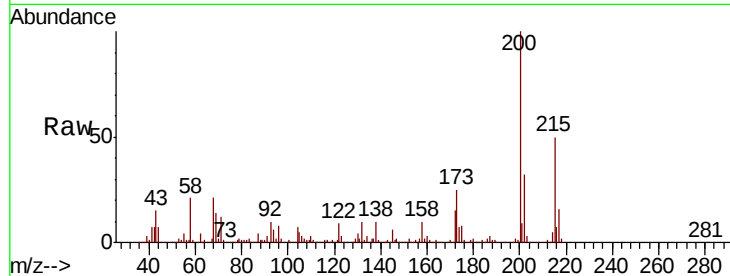
#69
Atrazine
Concen: 49.246 ng
RT: 16.34 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	5.5	45.5
215	49.8	29.4	69.4

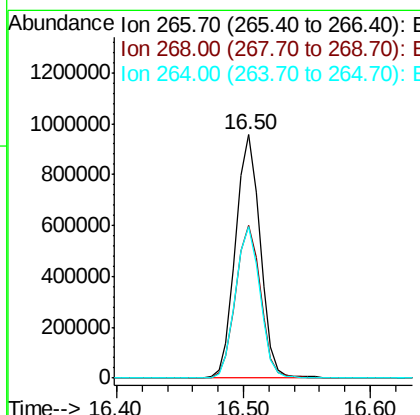
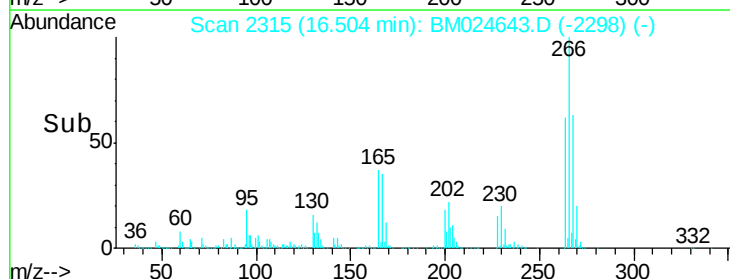
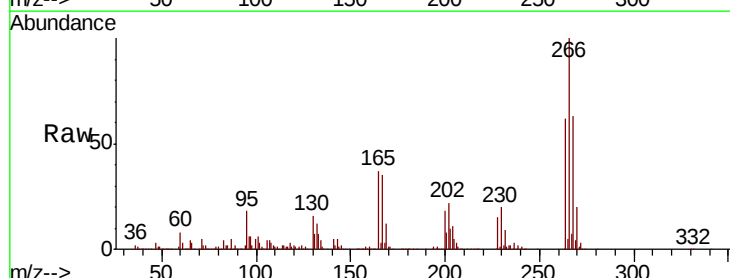
Manual Integrations
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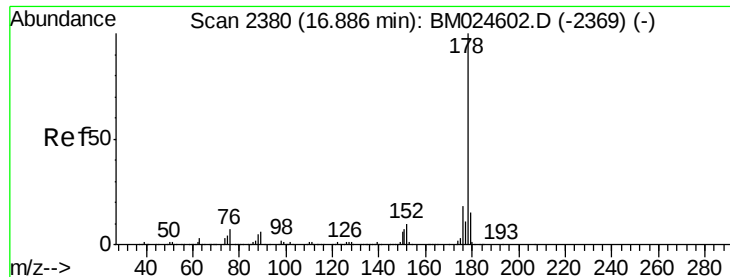
mohammad
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#70
Pentachlorophenol
Concen: 97.050 ng
RT: 16.50 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.4	75.6
264	62.1	49.9	74.9





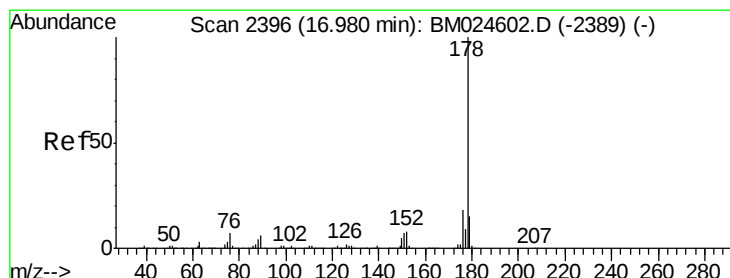
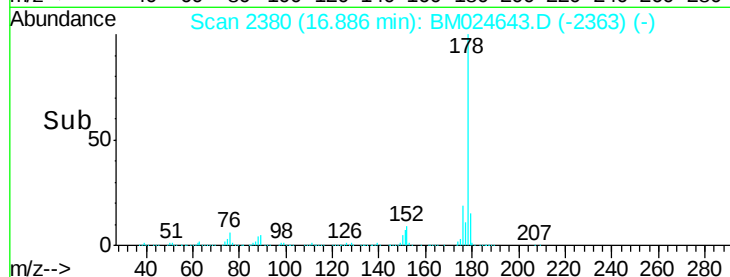
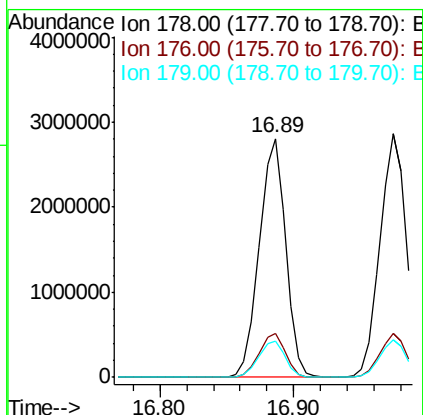
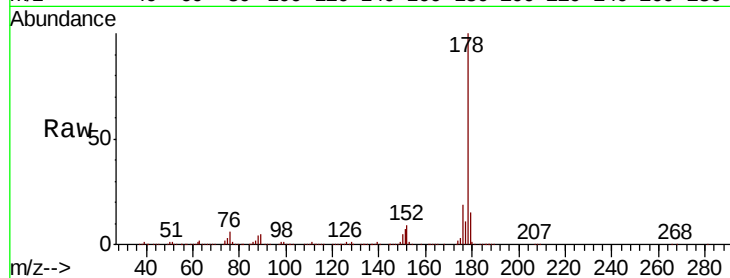
#71
Phenanthrene
Concen: 46.194 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.1	11.9	17.9

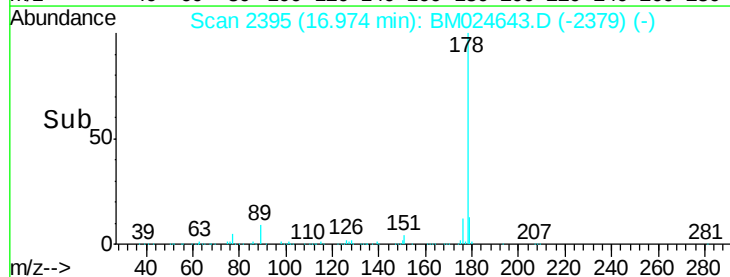
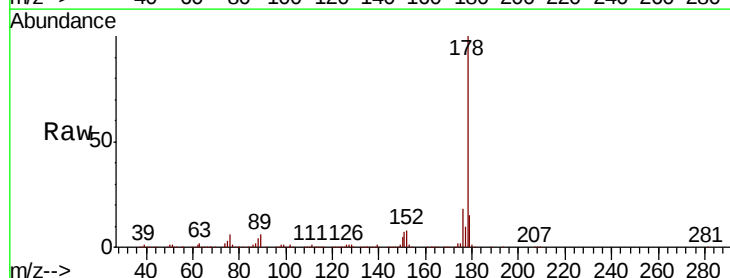
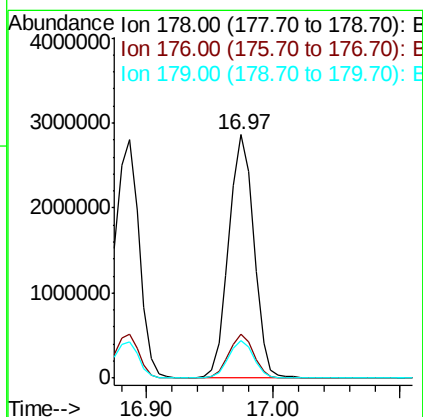
Manual Integrations
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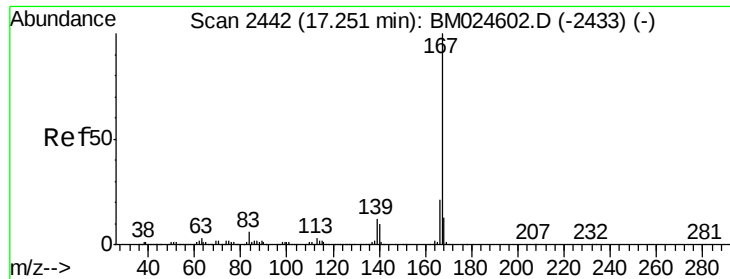
mohammad
1/30/2020 10:18:43 AM



#72
Anthracene
Concen: 48.265 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.3	21.5
179	15.3	12.1	18.1





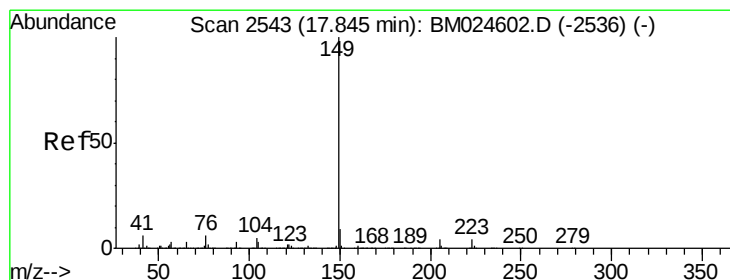
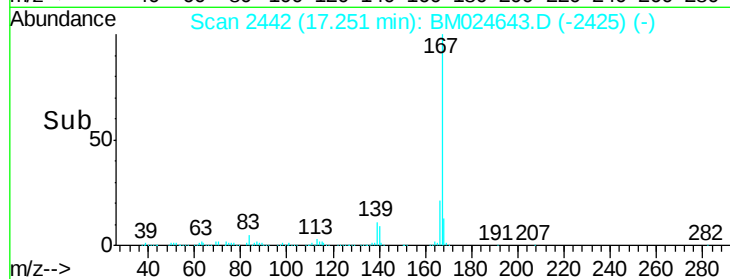
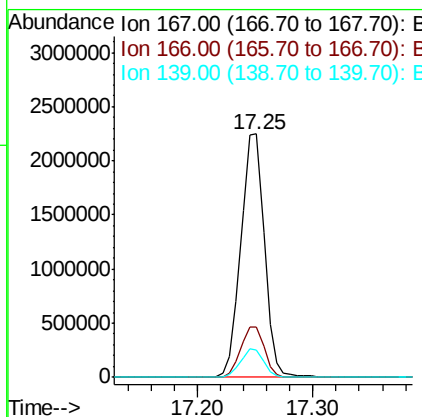
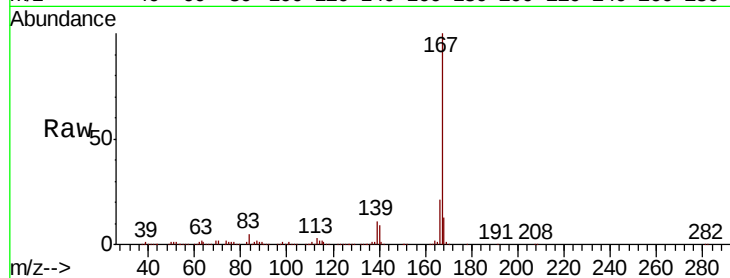
#73
 Carbazole
 Concen: 43.555 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion:167 Resp: 3204135
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.1 25.7
 139 11.5 9.8 14.8

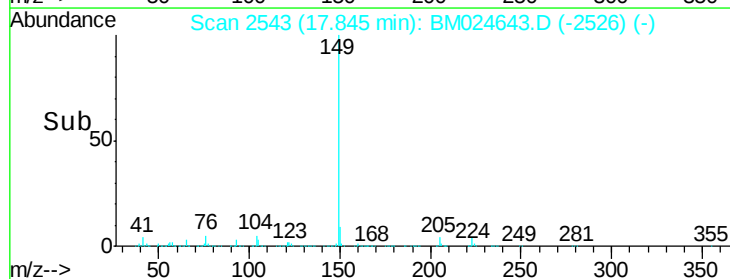
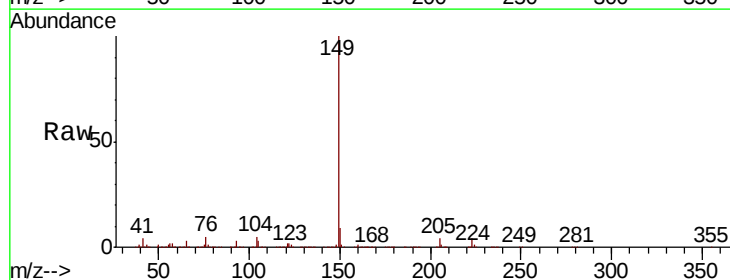
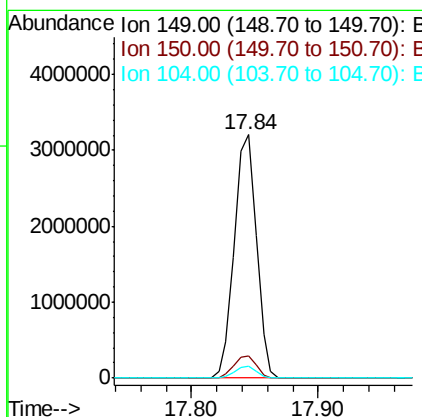
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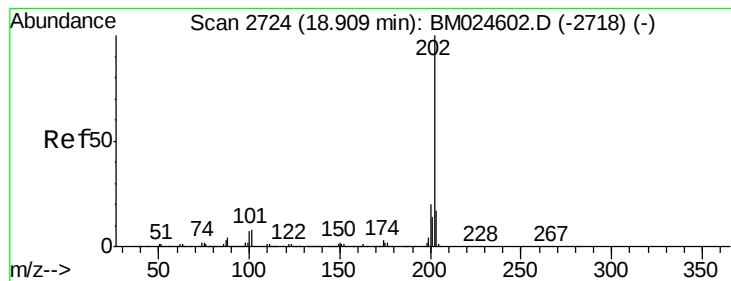
mohammad
 1/30/2020 10:18:43 AM



#74
 Di-n-butylphthalate
 Concen: 41.016 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion:149 Resp: 3857401
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.6 4.3 6.5





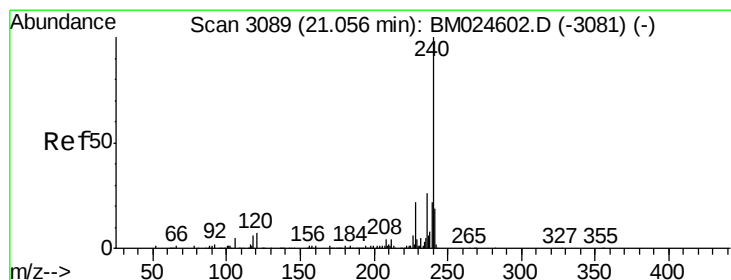
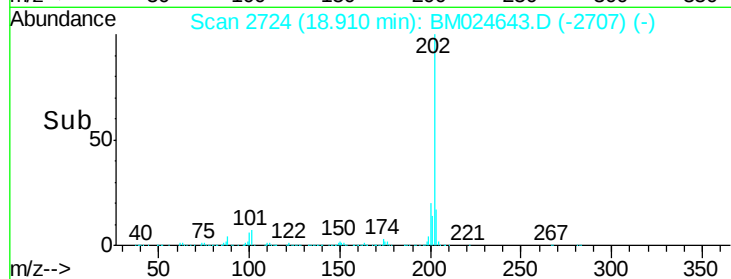
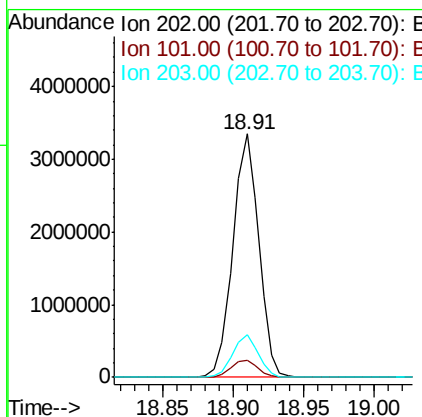
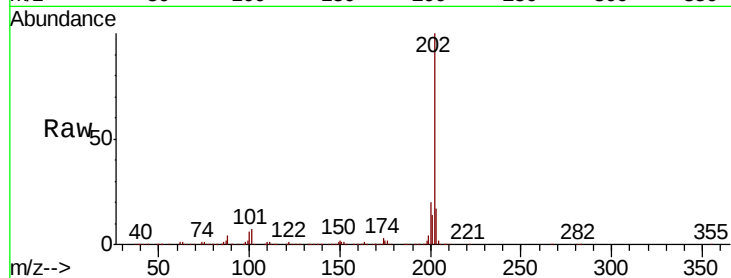
#75
Fluoranthene
 Concen: 41.498 ng
 RT: 18.91 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.4
203	17.4	0.0	37.5

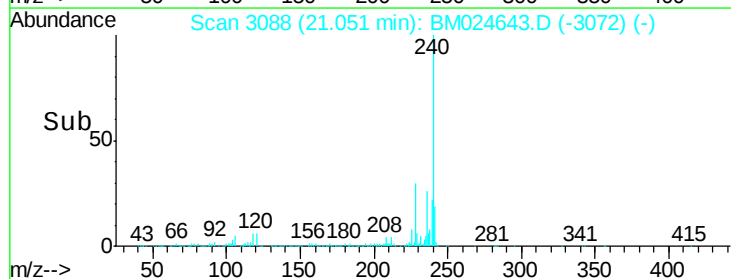
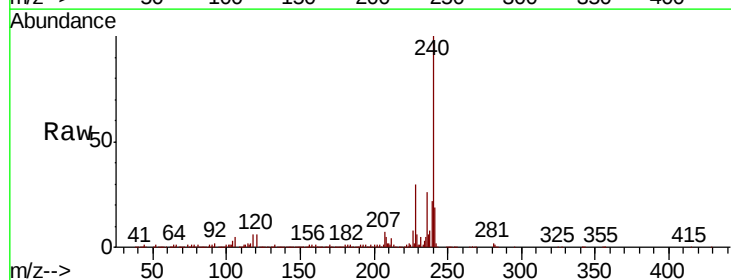
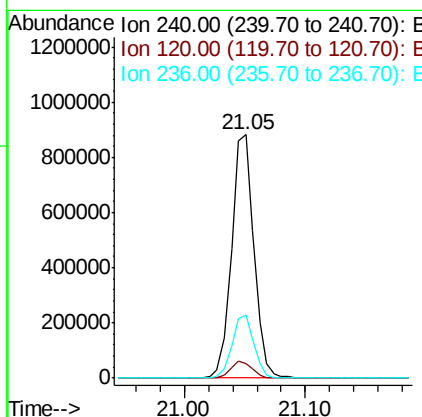
Manual Integrations
 APPROVED

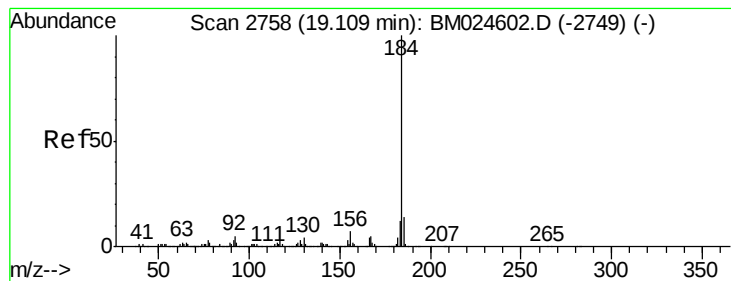
mohammad
 1/30/2020 10:18:43 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM024643.D
 Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.3	7.9
236	25.8	20.6	31.0





#77

Benzidine

Concen: 89.504 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:184 Resp: 2367829

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

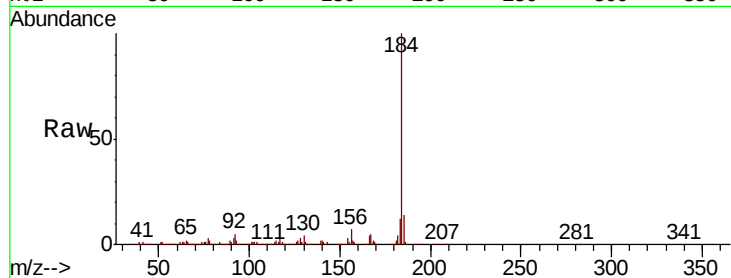
183 11.6 9.6 14.4

Manual Integrations

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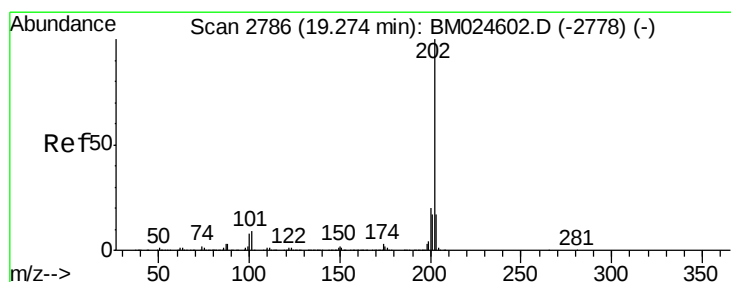
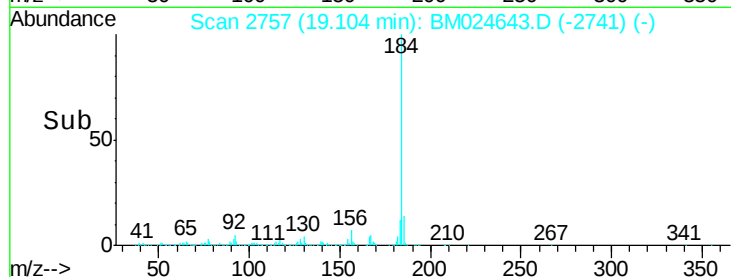
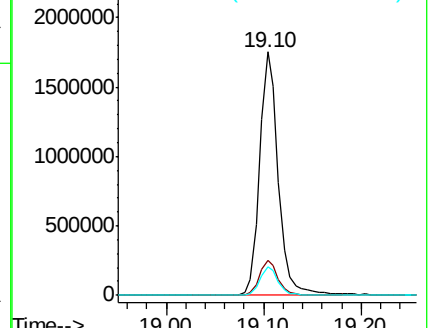
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.082 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

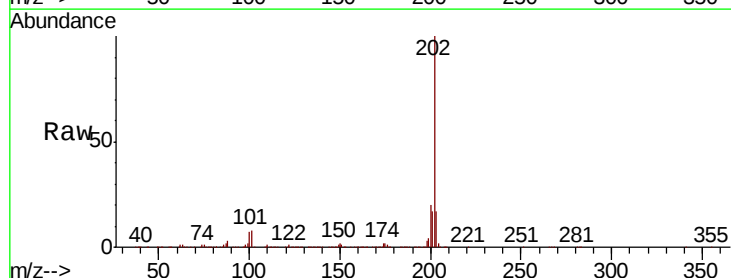
Tgt Ion:202 Resp: 4274646

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

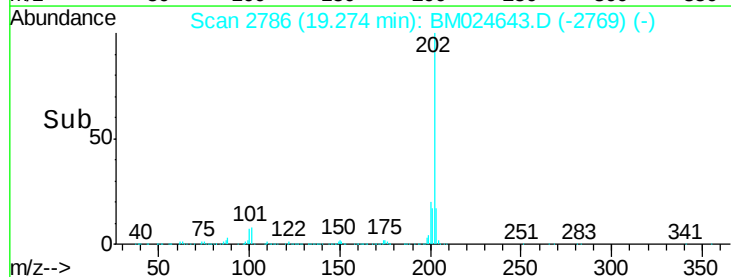
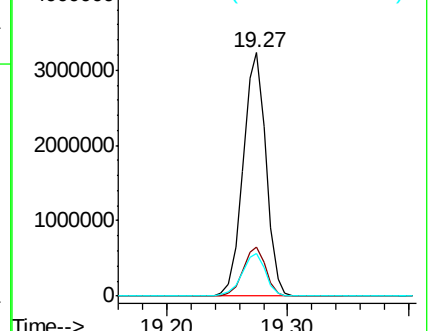
203 17.5 14.0 21.0

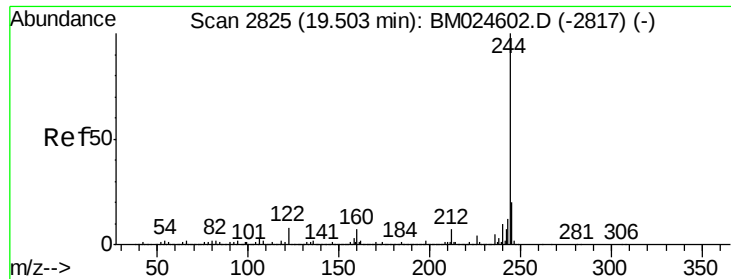


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.831 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:244 Resp: 6196149

Ion Ratio Lower Upper

244 100

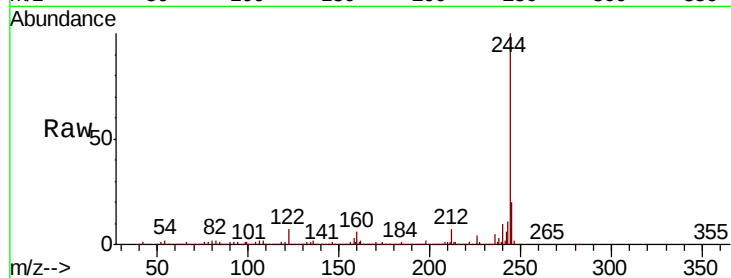
212 6.8 5.4 8.2

122 7.1 6.2 9.4

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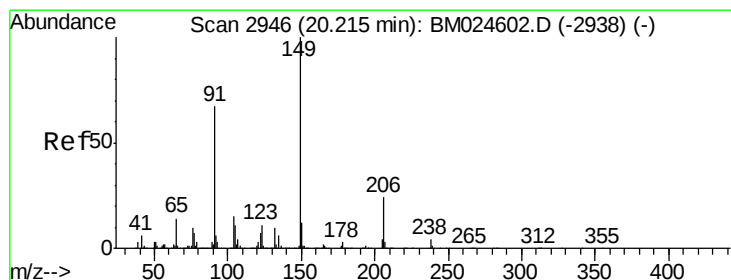
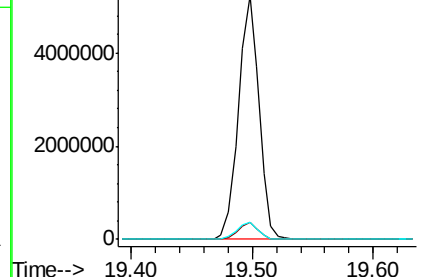
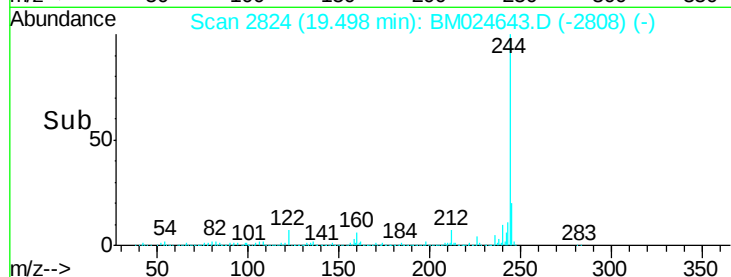
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.124 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

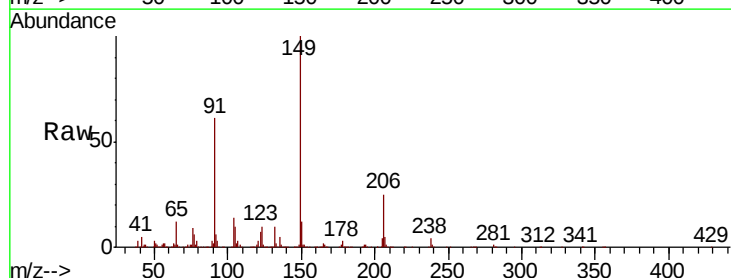
Tgt Ion:149 Resp: 1417934

Ion Ratio Lower Upper

149 100

91 60.8 53.9 80.9

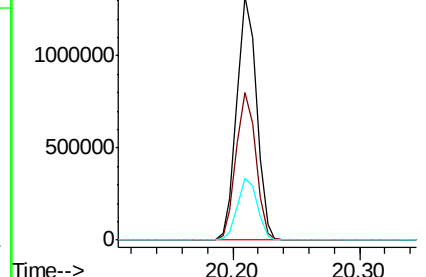
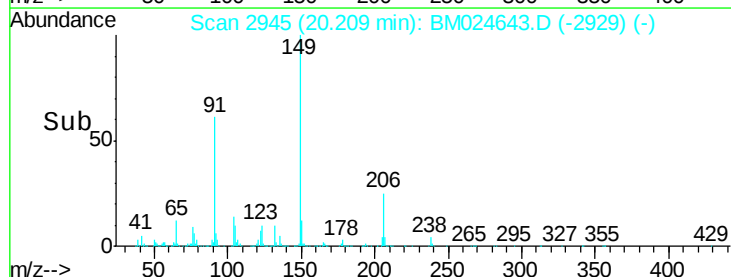
206 25.5 19.0 28.6

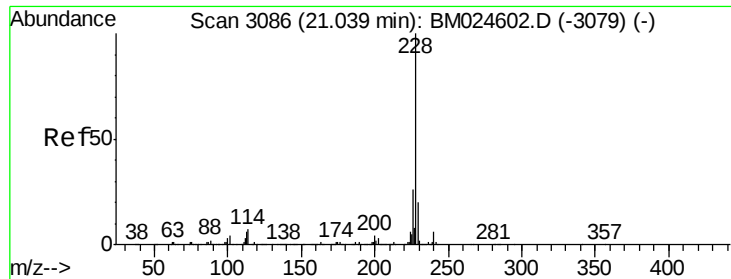


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.146 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:228 Resp: 3638264

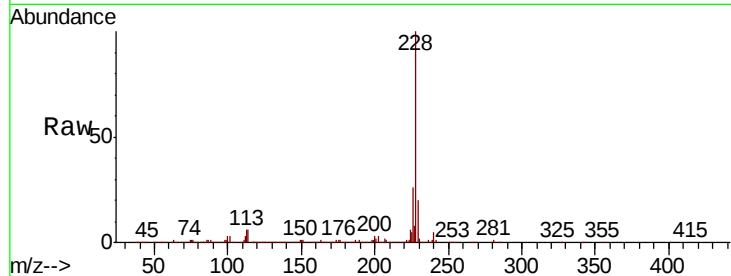
Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.1	31.7
229	19.8	15.8	23.6

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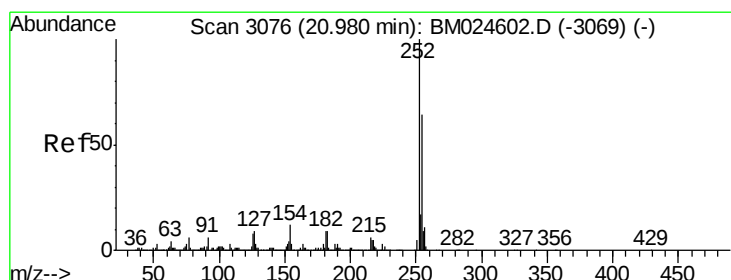
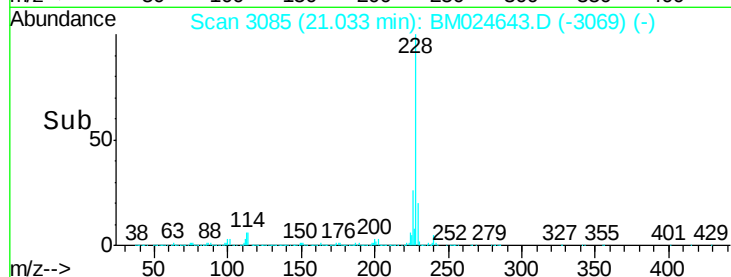
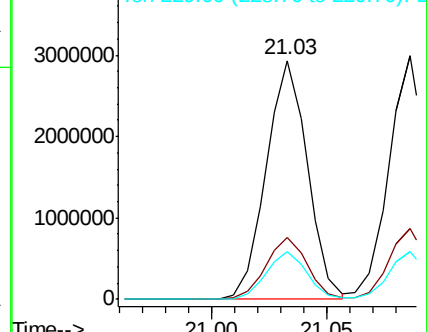


Abundance

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: 34.362 ng

RT: 20.97 min Scan# 3075

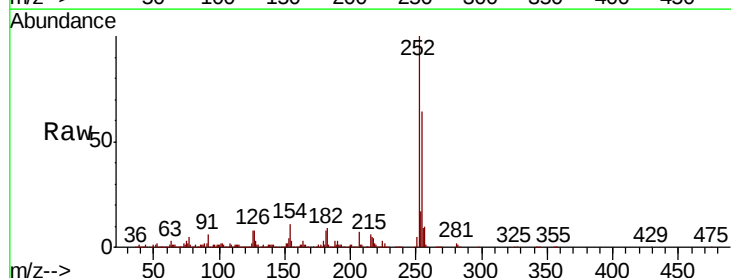
Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Tgt Ion:252 Resp: 974555

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	8.0	6.7	10.1

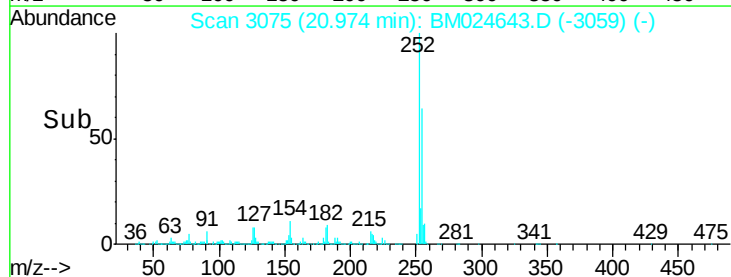
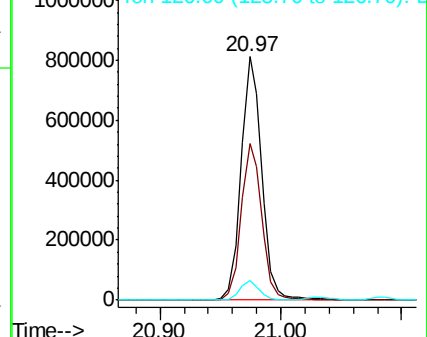


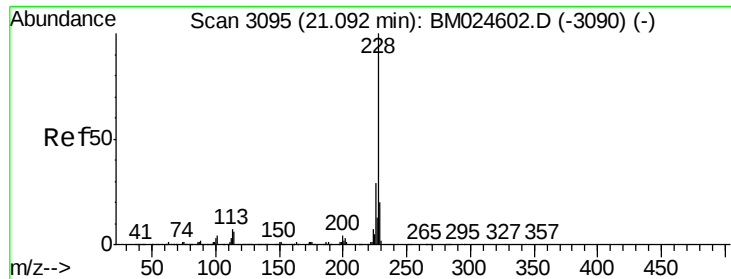
Abundance

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

Chrvsene

Concen: 46.075 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:228 Resp: 3466274

Ion Ratio Lower Upper

228 100

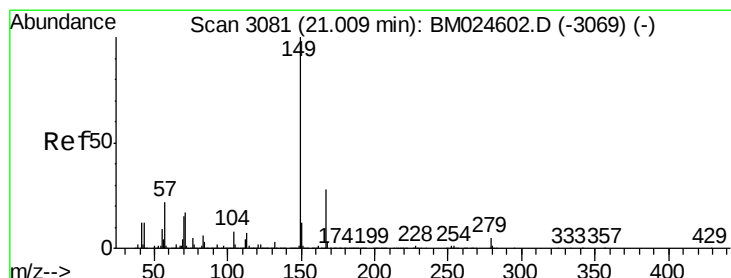
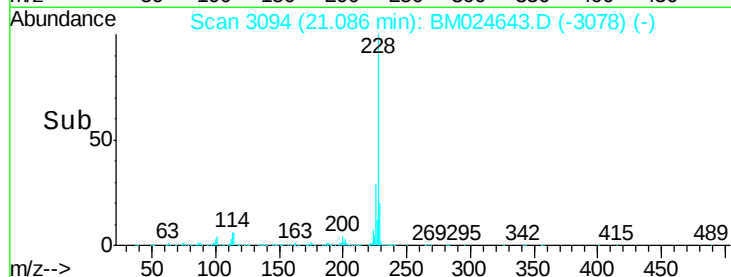
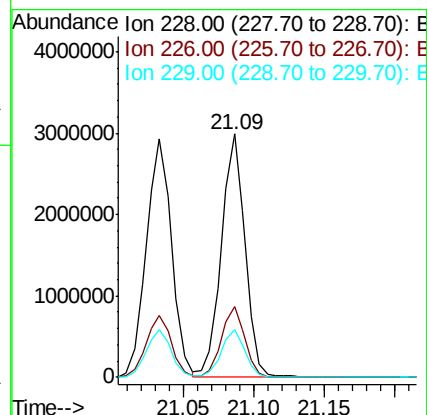
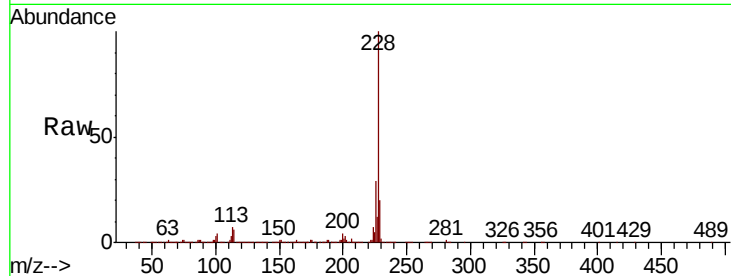
226 29.2 23.2 34.8

229 19.6 15.7 23.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.141 ng

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

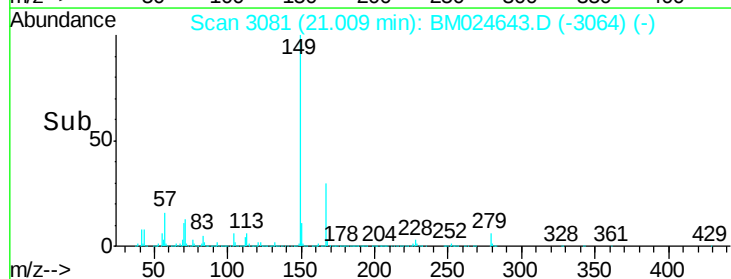
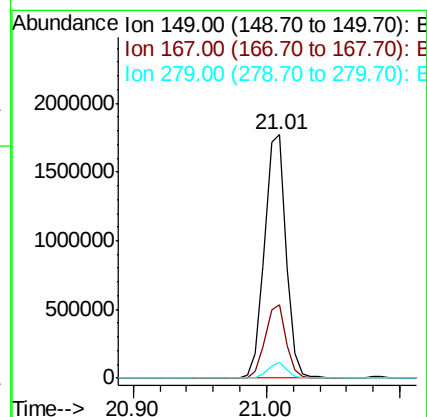
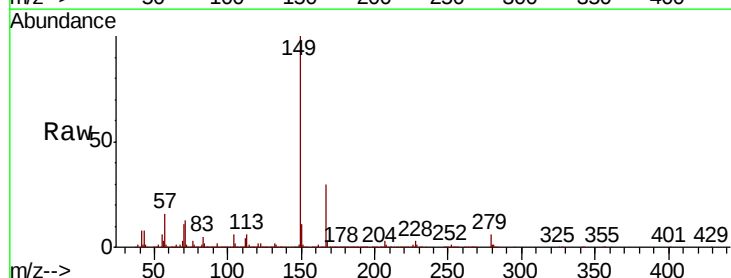
Tgt Ion:149 Resp: 1953881

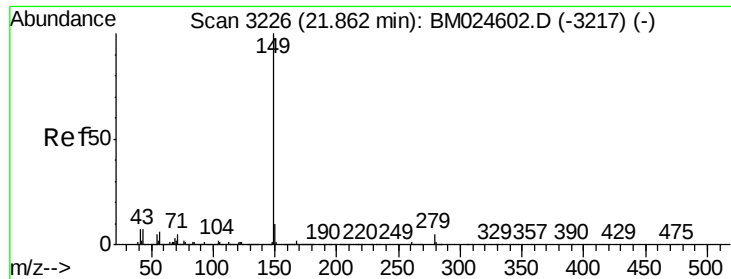
Ion Ratio Lower Upper

149 100

167 30.3 22.5 33.7

279 6.3 4.0 6.0#





#85

Di-n-octyl phthalate

Concen: 37.822 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

Instrument :

BNA_M

ClientSampleId :

PB126393BSD

Tot Ion:149 Resp: 2897219

Ion Ratio Lower Upper

149 100

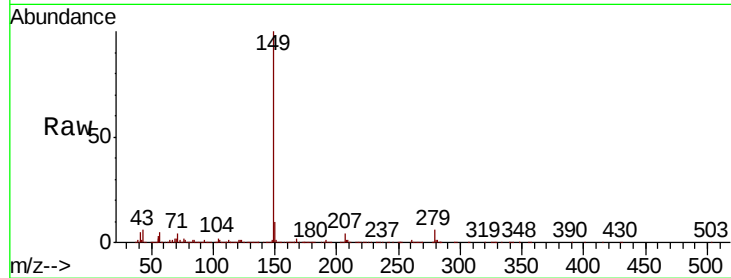
167 1.7 1.3 1.9

43 5.6 5.8 8.6#

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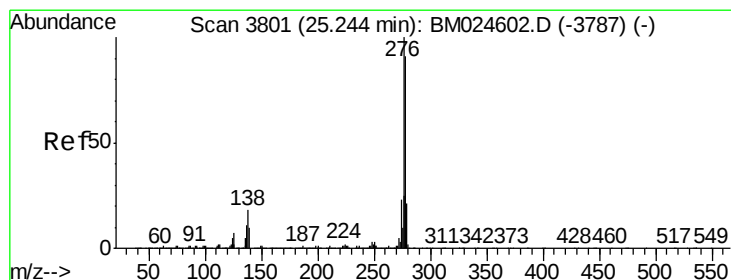
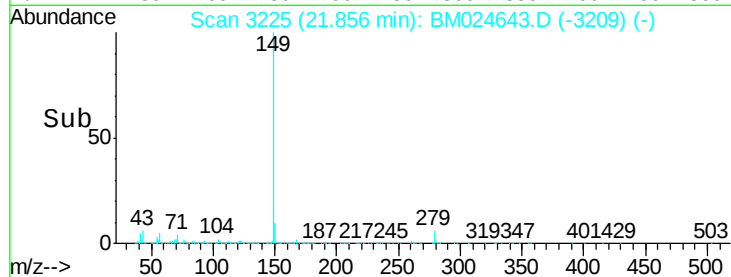
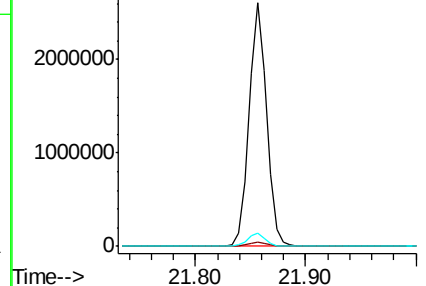
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.133 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024643.D

Acq: 29 Jan 2020 10:53

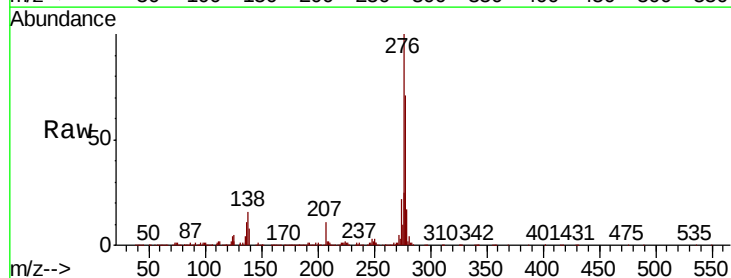
Tgt Ion:276 Resp: 3536803

Ion Ratio Lower Upper

276 100

138 16.3 13.4 20.0

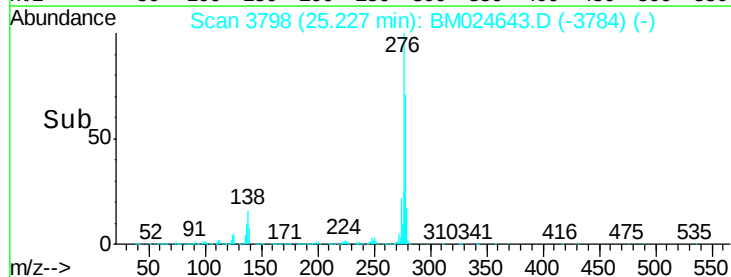
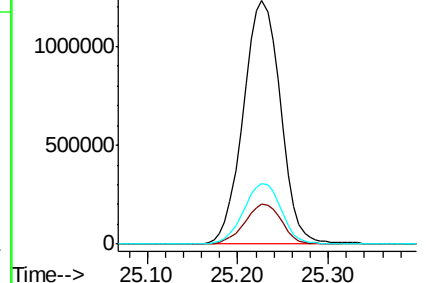
277 25.2 19.6 29.4

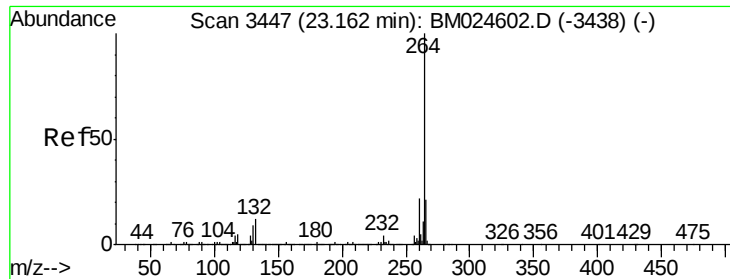


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





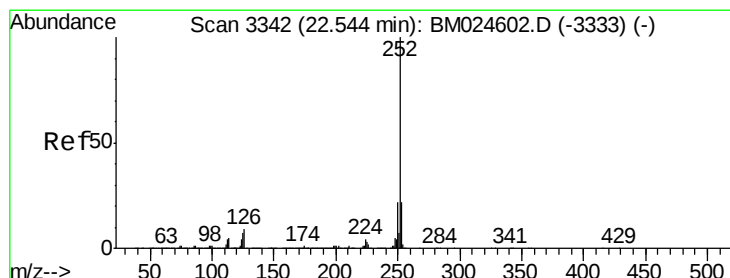
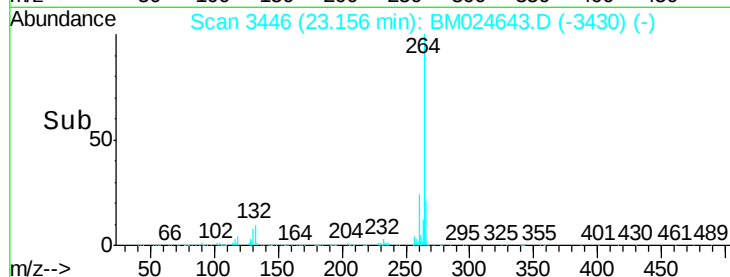
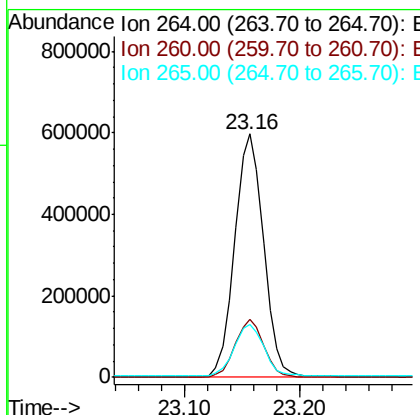
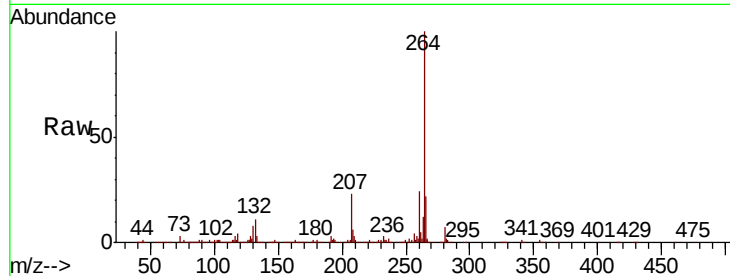
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	21.9	17.3	25.9

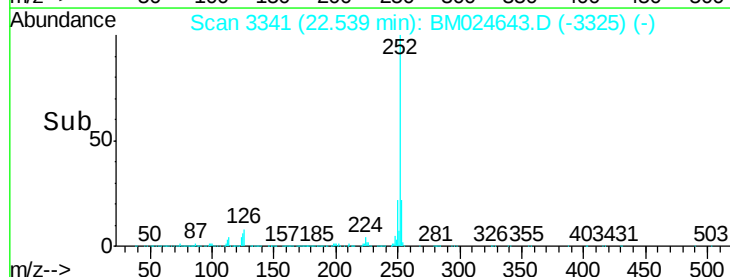
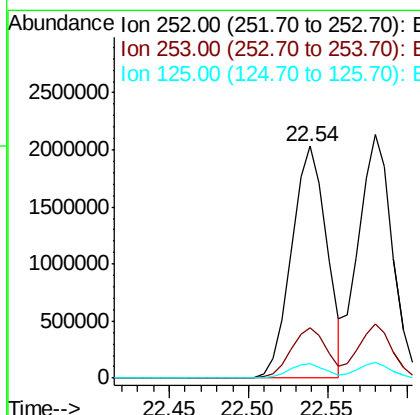
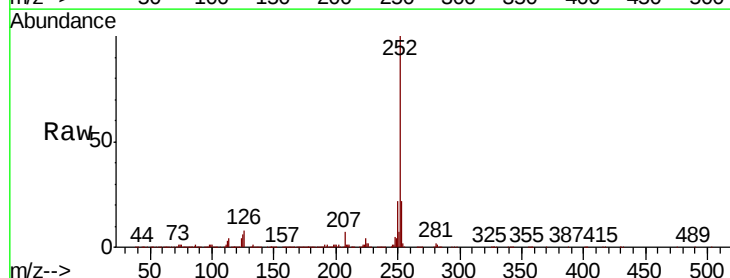
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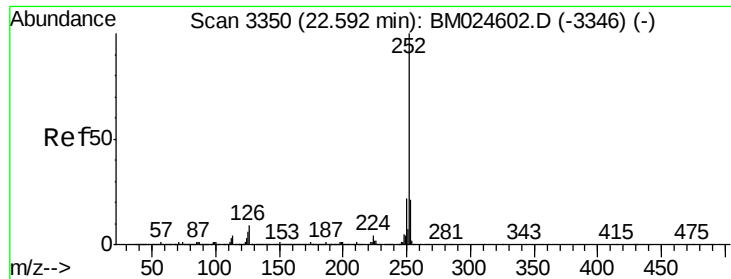
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#88
Benzo(b)fluoranthene
Concen: 46.306 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	6.4	5.7	8.5





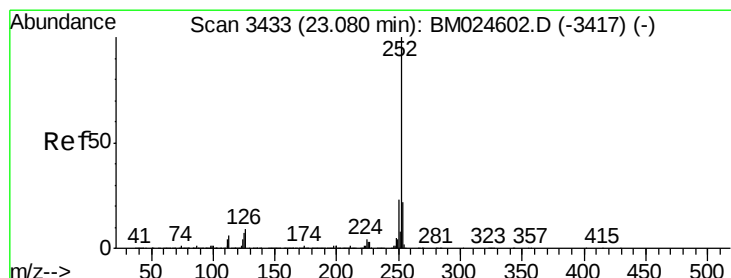
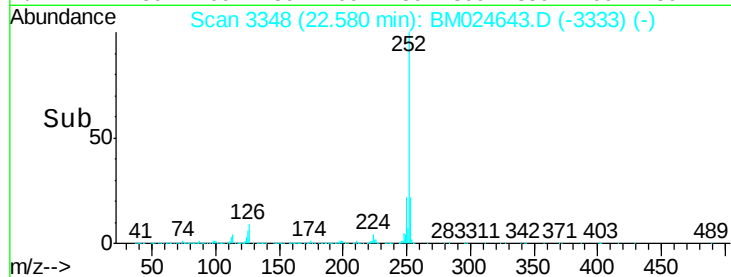
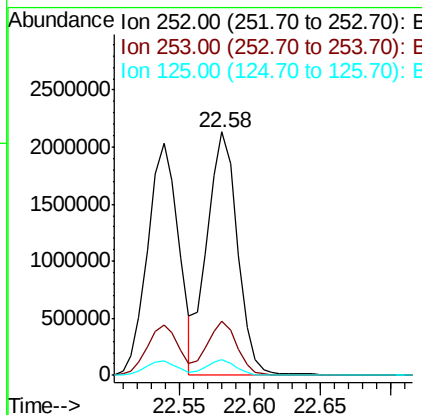
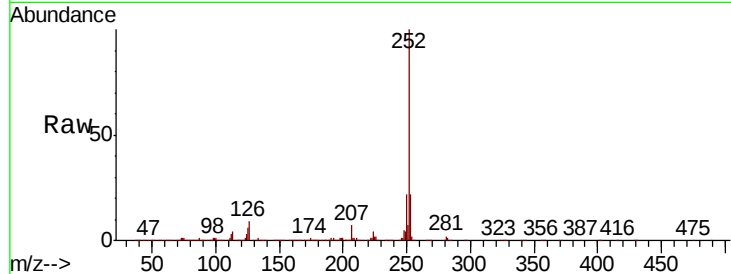
#89
Benzo(k)fluoranthene
Concen: 48.296 ng
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampled :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	6.3	5.2	7.8

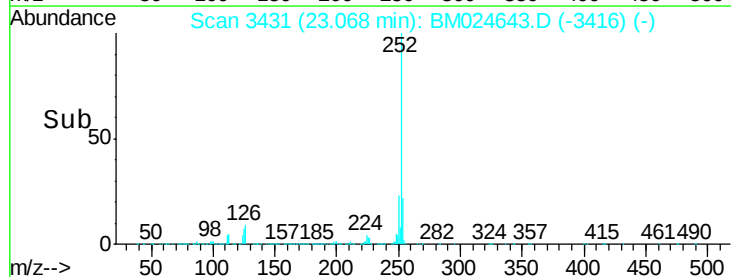
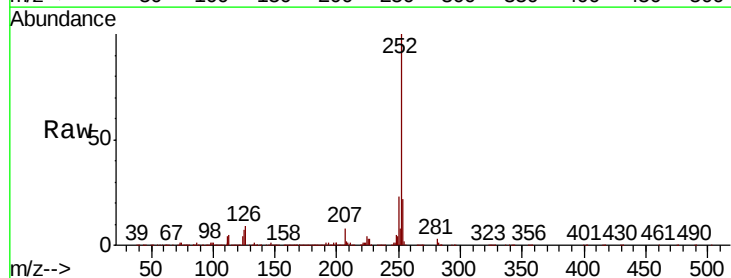
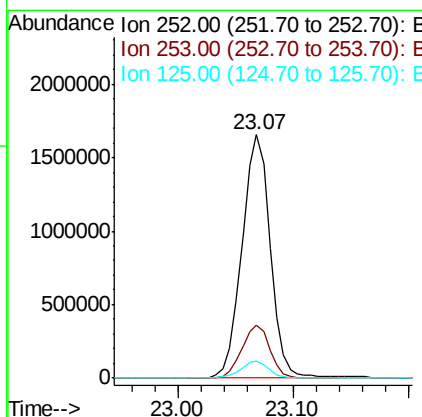
Manual Integrations
APPROVED

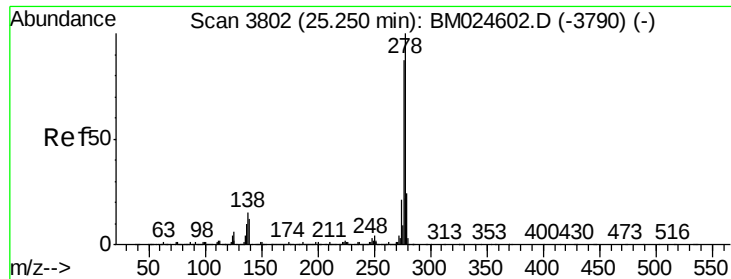
mohammad
1/30/2020 10:18:43 AM



#90
Benzo(a)pyrene
Concen: 45.687 ng
RT: 23.07 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	6.8	5.8	8.8





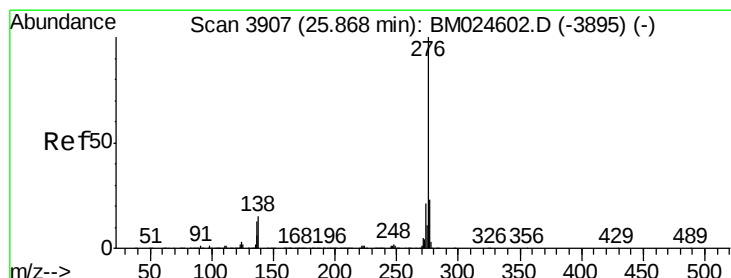
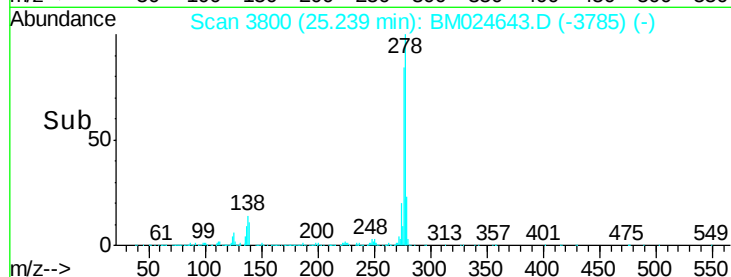
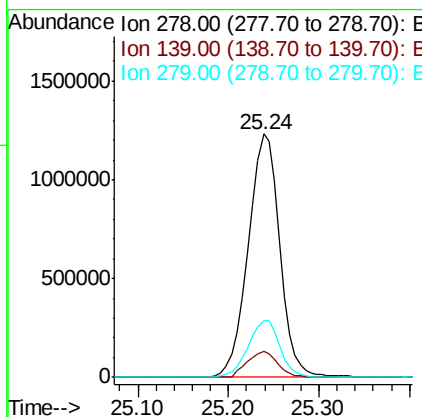
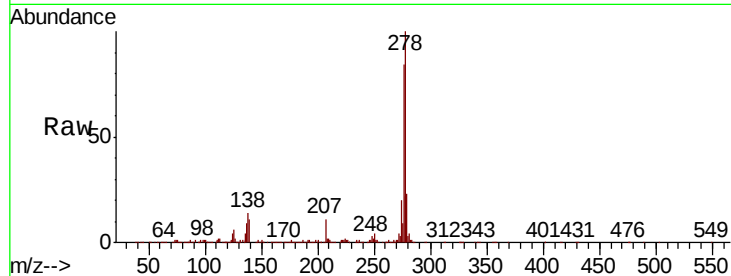
#91
Dibenzo(a,h)anthracene
Concen: 51.255 ng
RT: 25.24 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	9.3	13.9
279	23.4	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:43 AM



#92
Benzo(g,h,i)perylene
Concen: 56.287 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM024643.D
Acq: 29 Jan 2020 10:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	13.8	11.9	17.9

