

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027196.D
 Acq On : 24 Aug 2020 16:20
 Operator : JU/CG
 Sample : PB131136BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

Manual Integrations
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 8/25/2020 4:18:18 PM

Quant Time: Aug 24 17:01:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	112635	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	450019	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	275500	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	574658	20.00	ng	0.00
76) Chrysene-d12	21.19	240	571907	20.00	ng	0.00
86) Perylene-d12	23.37	264	618310	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	693068	119.95	ng	0.00
7) Phenol-d6	6.79	99	785244	98.99	ng	0.00
23) Nitrobenzene-d5	8.75	82	737919	67.65	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	421673	94.52	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1482449	70.69	ng	0.00
79) Terphenyl-d14	19.63	244	2125839	69.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	160012	57.952	ng	98
3) Pyridine	3.58	79	237087	30.588	ng	97
4) n-Nitrosodimethylamine	3.49	42	120070	35.510	ng	# 77
6) Aniline	6.94	93	360129	39.962	ng	98
8) 2-Chlorophenol	7.17	128	262590	43.673	ng	97
9) Benzaldehyde	6.75	77	200007	36.823	ng	97
10) Phenol	6.82	94	325450	43.047	ng	92
11) bis(2-Chloroethyl)ether	7.04	93	257640	41.691	ng	98
12) 1,3-Dichlorobenzene	7.50	146	314010	37.316	ng	93
13) 1,4-Dichlorobenzene	7.64	146	318860	37.556	ng	99
14) 1,2-Dichlorobenzene	7.95	146	336510	41.790	ng	98
15) Benzyl Alcohol	7.85	79	290380	40.271	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.14	45	222704	44.919	ng	96
17) 2-Methylphenol	8.05	107	247515	47.316	ng	92
18) Hexachloroethane	8.67	117	136338	39.570	ng	96
19) n-Nitroso-di-n-propylamine	8.41	70	261344	42.919	ng	96
20) 3+4-Methylphenols	8.37	107	328718	46.960	ng	91
22) Acetophenone	8.42	105	459682	38.007	ng	# 96
24) Nitrobenzene	8.79	77	400526	36.278	ng	95
25) Isophorone	9.32	82	649988	40.684	ng	98
26) 2-Nitrophenol	9.49	139	156046	45.282	ng	87
27) 2,4-Dimethylphenol	9.57	122	255522	47.755	ng	96
28) bis(2-Chloroethoxy)methane	9.80	93	381188	39.099	ng	98
29) 2,4-Dichlorophenol	10.03	162	296903	39.788	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	357049	36.448	ng	99
31) Naphthalene	10.43	128	868753	38.088	ng	99
32) Benzoic acid	9.70	122	160047	37.047	ng	96
33) 4-Chloroaniline	10.53	127	262589	27.867	ng	97
34) Hexachlorobutadiene	10.72	225	235354	35.954	ng	97
35) Caprolactam	11.31	113	78343m	38.729	ng	
36) 4-Chloro-3-methylphenol	11.67	107	294827	38.222	ng	95
37) 2-Methylnaphthalene	12.05	142	657864	38.086	ng	95
38) 1-Methylnaphthalene	12.27	142	620817	37.347	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	404334	41.673	ng	99

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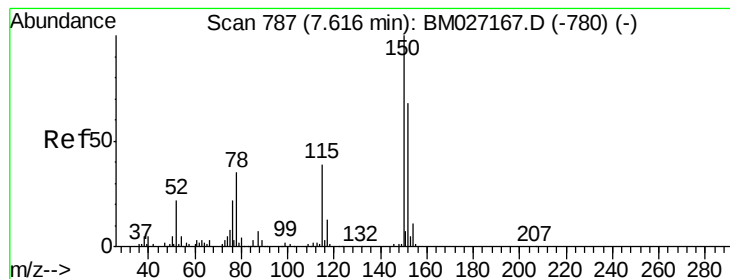
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Quant Time: Aug 24 17:01:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	566233	105.582	nq	98
43) 2,4,6-Trichlorophenol	12.67	196	247986	41.393	nq	96
44) 2,4,5-Trichlorophenol	12.74	196	266550	41.957	nq	95
46) 1,1'-Biphenyl	13.07	154	861474	41.720	nq	98
47) 2-Chloronaphthalene	13.11	162	671949	38.167	nq	98
48) 2-Nitroaniline	13.31	65	209096	37.214	nq	96
49) Acenaphthylene	13.96	152	1023544	41.805	nq	99
50) Dimethylphthalate	13.71	163	828799	37.054	nq	100
51) 2,6-Dinitrotoluene	13.82	165	181185	40.738	nq	93
52) Acenaphthene	14.31	154	610442	39.276	nq	98
53) 3-Nitroaniline	14.15	138	125300	29.212	nq	98
54) 2,4-Dinitrophenol	14.36	184	191741	82.574	nq	92
55) Dibenzofuran	14.65	168	1011716	39.076	nq	96
56) 4-Nitrophenol	14.47	139	291292	85.097	nq	89
57) 2,4-Dinitrotoluene	14.61	165	243968	39.484	nq	91
58) Fluorene	15.30	166	805021	37.662	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	245205	39.402	nq	96
60) Diethylphthalate	15.09	149	815028	36.730	nq	98
61) 4-Chlorophenyl-phenylether	15.30	204	451488	36.776	nq	96
62) 4-Nitroaniline	15.31	138	165519	34.387	nq	# 87
63) Azobenzene	15.59	77	837482	36.787	nq	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	138135	48.944	nq	99
66) n-Nitrosodiphenylamine	15.51	169	705127	43.202	nq	100
67) 4-Bromophenyl-phenylether	16.19	248	278895	40.196	nq	99
68) Hexachlorobenzene	16.30	284	319225	38.743	nq	97
69) Atrazine	16.47	200	227324	36.788	nq	97
70) Pentachlorophenol	16.64	266	416205	93.390	nq	99
71) Phenanthrene	17.03	178	1253815	39.248	nq	100
72) Anthracene	17.12	178	1279828	41.907	nq	99
73) Carbazole	17.39	167	1114771	39.685	nq	99
74) Di-n-butylphthalate	17.97	149	1334081	41.120	nq	99
75) Fluoranthene	19.05	202	1489364	37.322	nq	98
77) Benzidine	19.24	184	955431	96.312	nq	99
78) Pyrene	19.42	202	1507075	43.307	nq	99
80) Butylbenzylphthalate	20.34	149	590116	46.394	nq	94
81) Benzo(a)anthracene	21.17	228	1495349	40.350	nq	99
82) 3,3'-Dichlorobenzidine	21.11	252	522853	40.484	nq	99
83) Chrysene	21.23	228	1425005	39.592	nq	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	859503	47.478	nq	100
85) Di-n-octyl phthalate	21.99	149	1482886	49.649	nq	99
87) Indeno(1,2,3-cd)pyrene	25.56	276	2045510	42.268	nq	100
88) Benzo(b)fluoranthene	22.72	252	1630346	39.542	nq	99
89) Benzo(k)fluoranthene	22.77	252	1564005	38.744	nq	100
90) Benzo(a)pyrene	23.28	252	1505953	40.010	nq	100
91) Dibenzo(a,h)anthracene	25.57	278	1727120	42.881	nq	99
92) Benzo(g,h,i)perylene	26.22	276	1720113	44.329	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.60 min Scan# 785

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

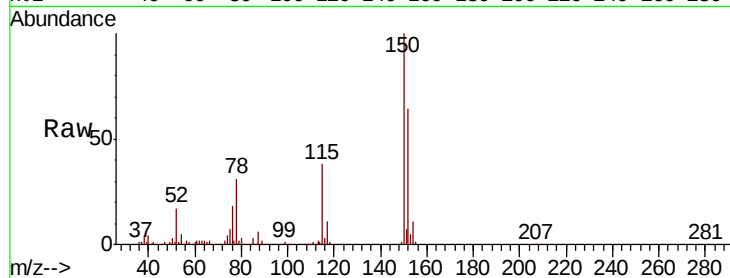
ClientSampleId :

PB131136BSD

Tot Ion:	152	Resp:	112635
Ion	Ratio	Lower	Upper
152	100		
150	155.4	118.2	177.4
115	58.5	46.1	69.1

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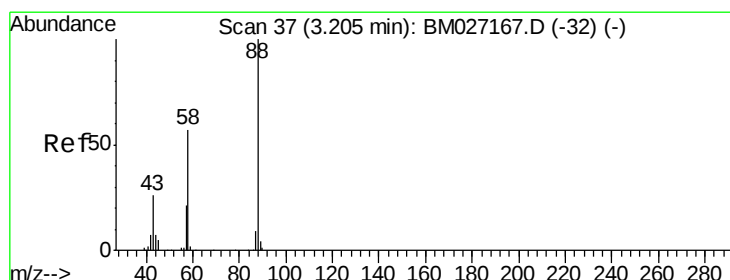
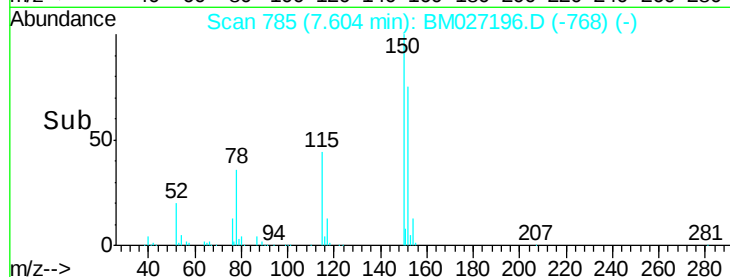
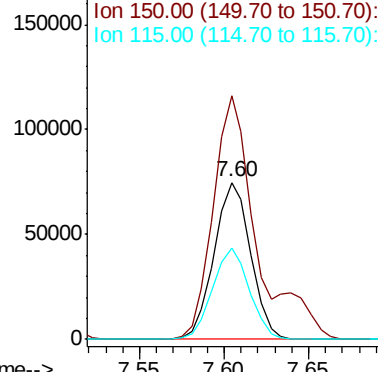


Abundance

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: 57.952 ng

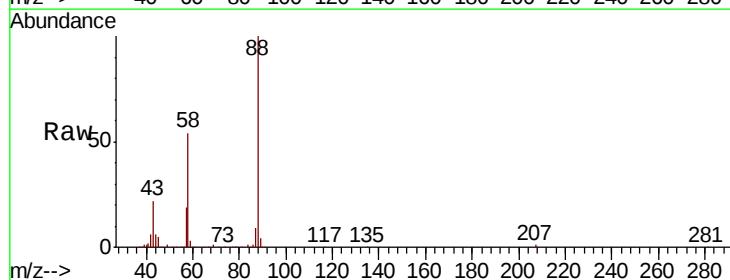
RT: 3.20 min Scan# 36

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	88	Resp:	160012
Ion	Ratio	Lower	Upper
88	100		
58	57.1	46.2	69.2
43	22.8	20.0	30.0

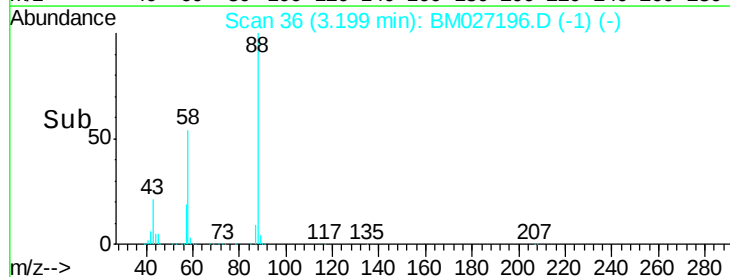
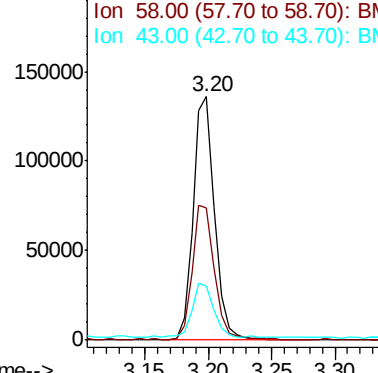


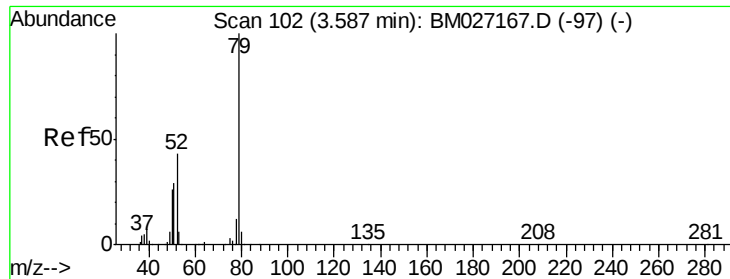
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 30.588 ng

RT: 3.58 min Scan# 100

Delta R.T. -0.01 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

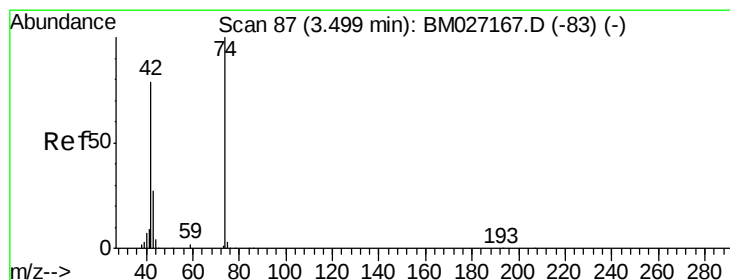
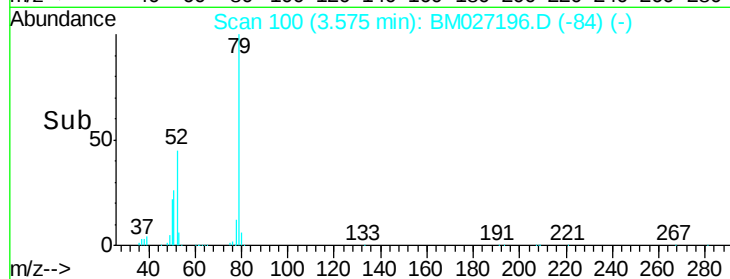
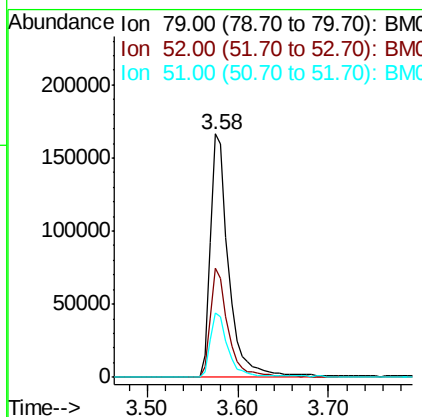
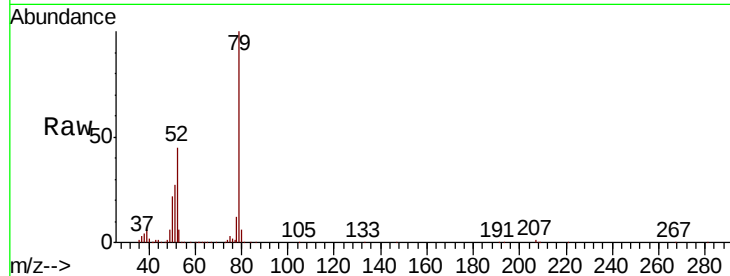
ClientSampleId :

PB131136BSD

Tot Ion:	79	Resp:	237087
Ion	Ratio	Lower	Upper
79	100		
52	44.7	34.8	52.2
51	26.7	23.7	35.5

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#4

n-Nitrosodimethylamine

Concen: 35.510 ng

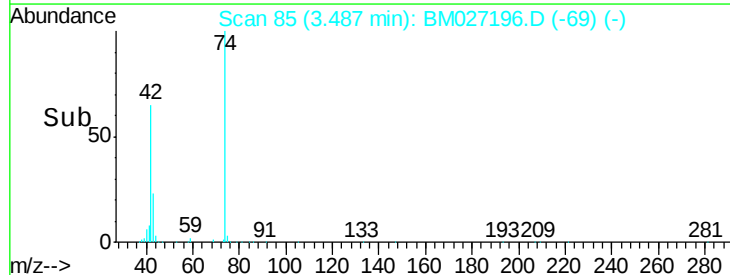
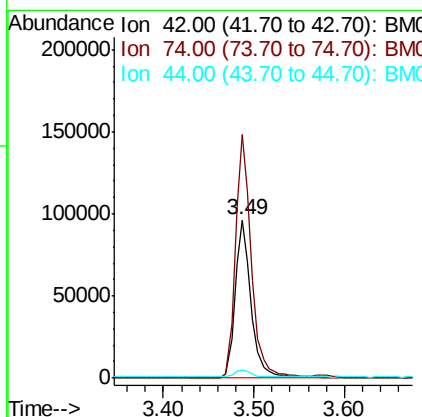
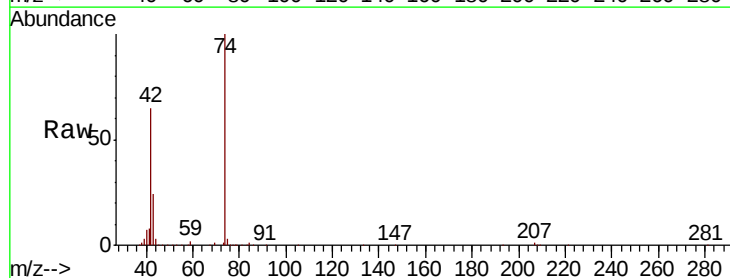
RT: 3.49 min Scan# 85

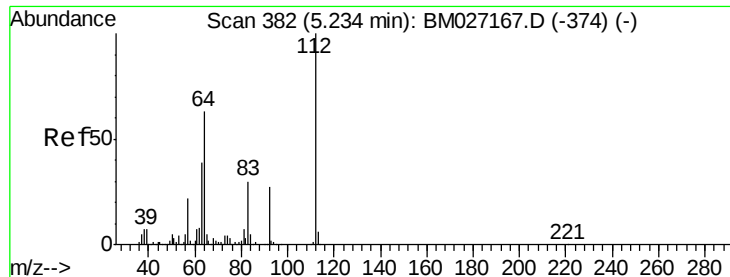
Delta R.T. -0.01 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	42	Resp:	120070
Ion	Ratio	Lower	Upper
42	100		
74	153.7	101.0	151.4#
44	5.3	3.8	5.8





#5

2-Fluorophenol

Concen: 119.954 ng

RT: 5.23 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

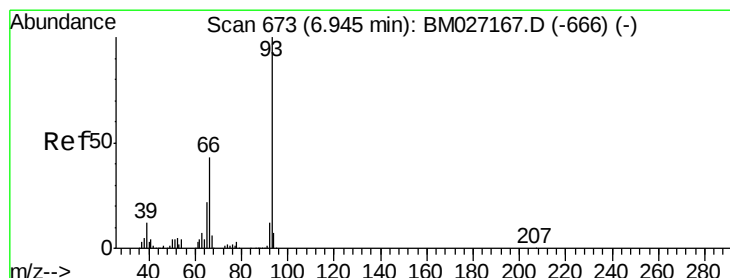
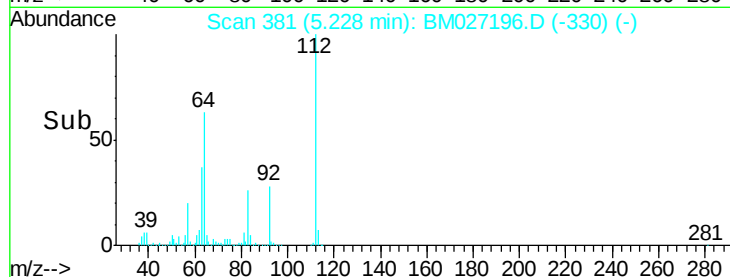
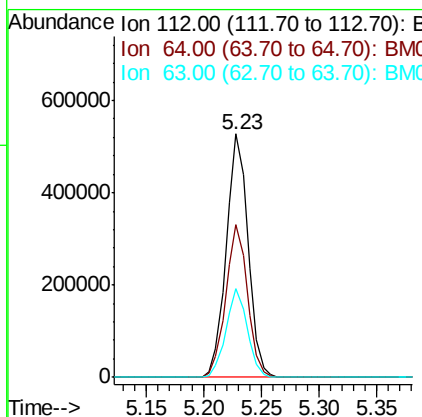
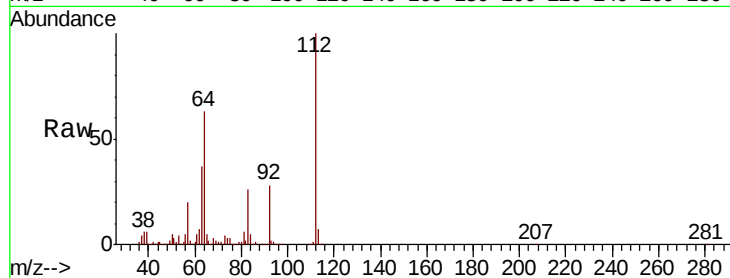
ClientSampleId :

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Tot Ion:	112	Resp:	693068
Ion Ratio	Lower	Upper	
112	100		
64	62.7	50.0	75.0
63	36.6	31.6	47.4

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#6

Aniline

Concen: 39.962 ng

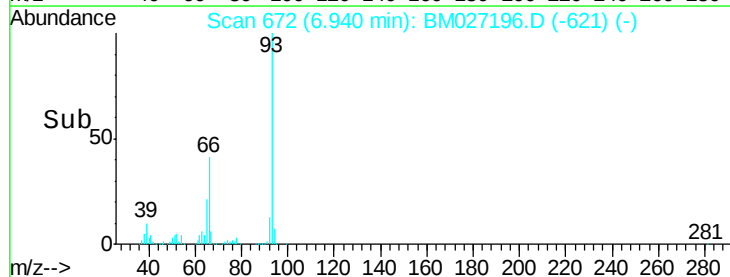
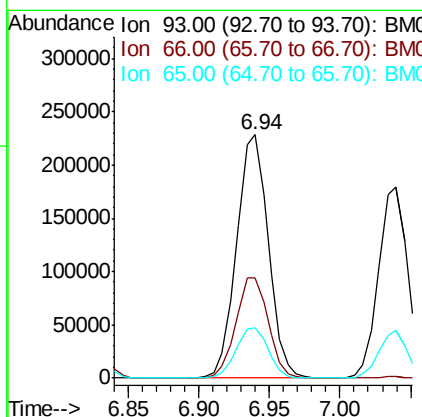
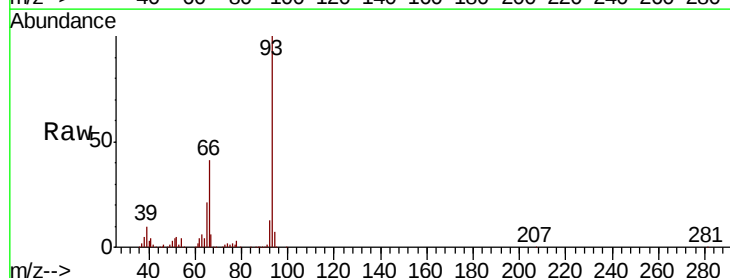
RT: 6.94 min Scan# 672

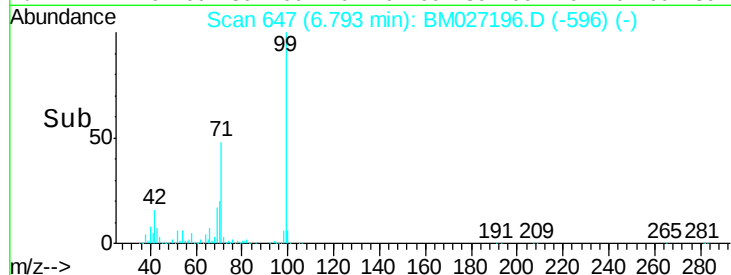
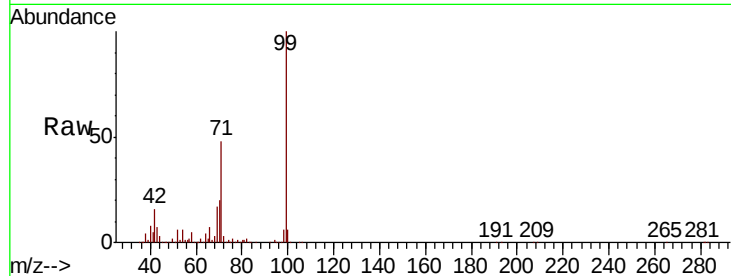
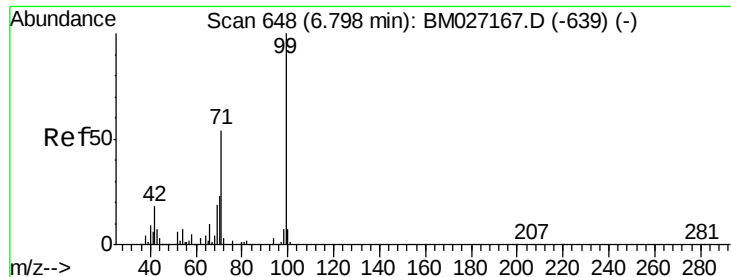
Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	93	Resp:	360129
Ion Ratio	Lower	Upper	
93	100		
66	41.4	34.2	51.2
65	20.9	17.5	26.3





#7

Phenol-d6

Concen: 98.986 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tot Ion:	99	Resp:	785244
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	47.7	43.0	64.4

Instrument :

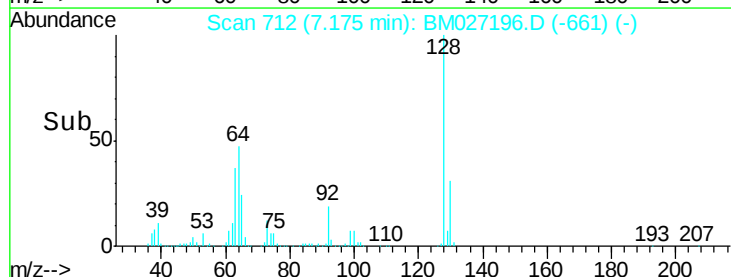
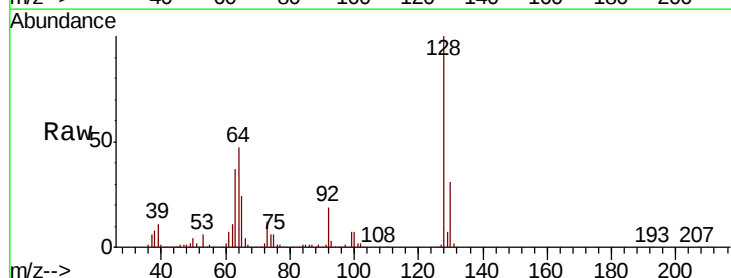
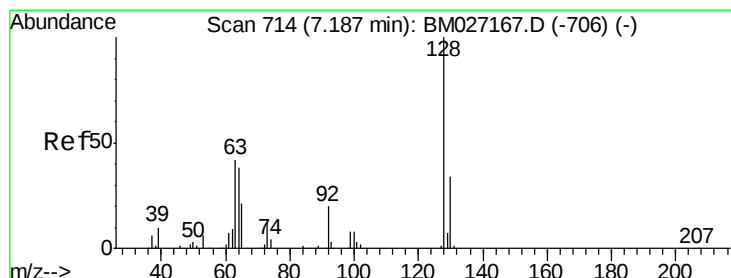
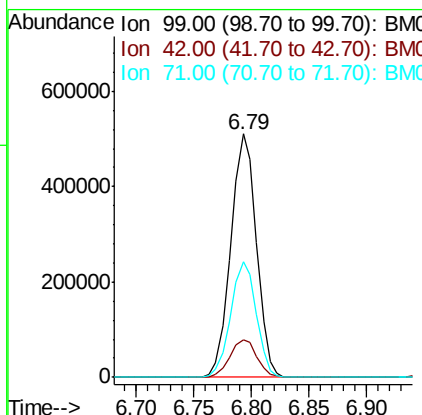
BNA_M

ClientSampleId :

PB131136BSD

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#8

2-Chlorophenol

Concen: 43.673 ng

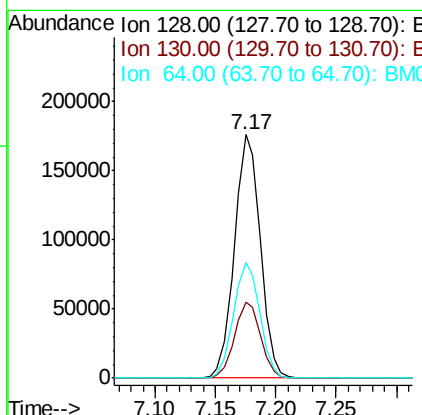
RT: 7.17 min Scan# 712

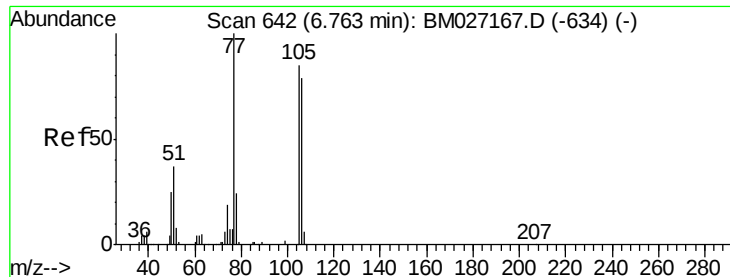
Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	128	Resp:	262590
Ion Ratio	Lower	Upper	
128	100		
130	31.5	14.0	54.0
64	47.3	28.6	68.6





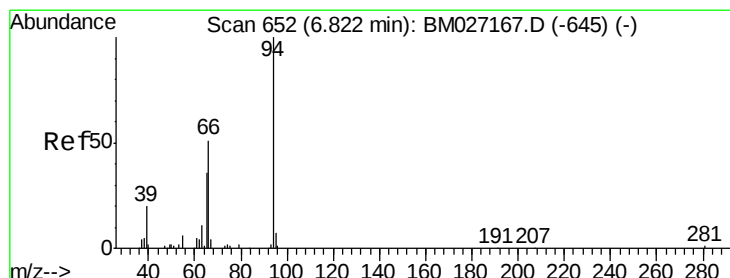
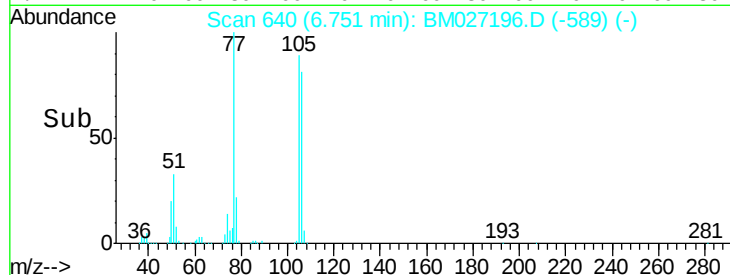
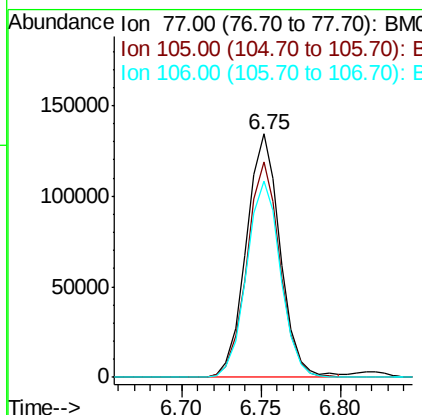
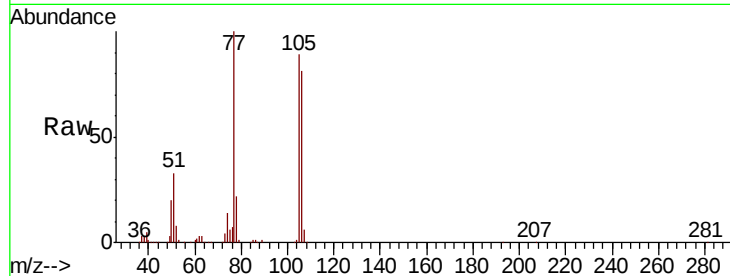
#9
Benzaldehyde
Concen: 36.823 ng
RT: 6.75 min Scan# 640
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.7	64.9	104.9
106	80.8	59.0	99.0

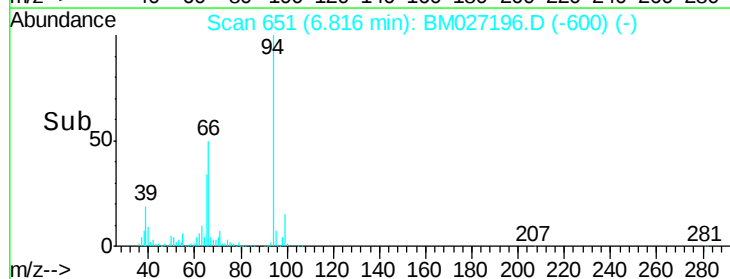
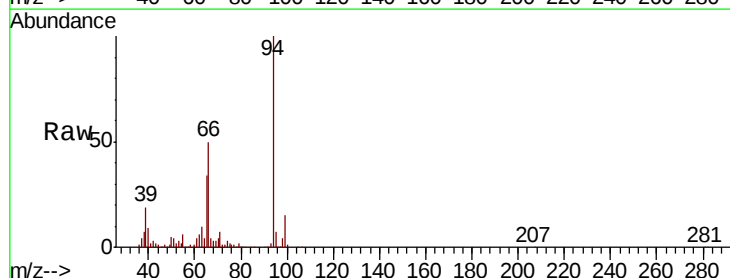
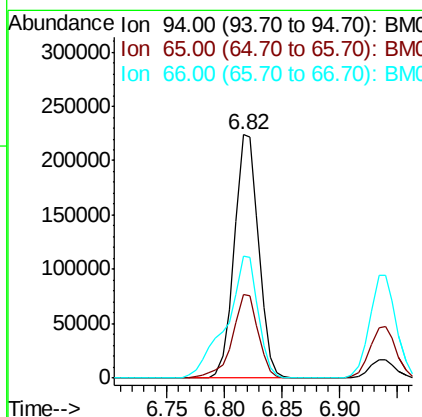
Manual Integrations
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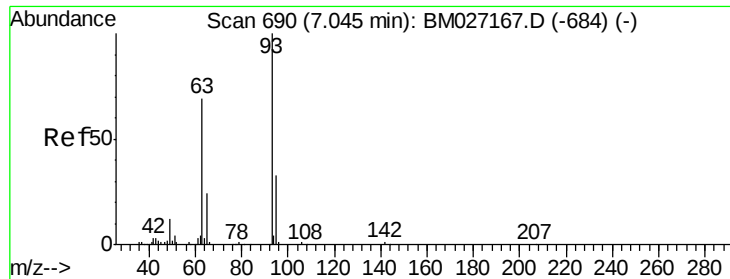
mohammad
8/25/2020 4:18:18 PM



#10
Phenol
Concen: 43.047 ng
RT: 6.82 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.1	17.0	57.0
66	50.4	37.8	77.8





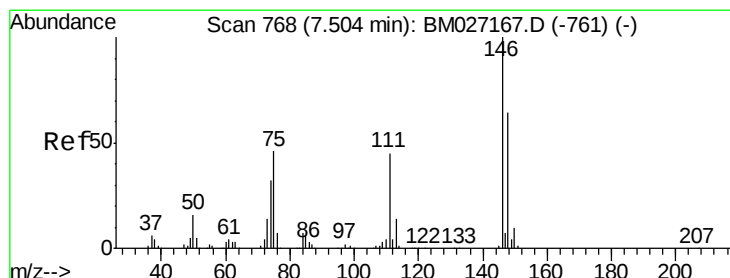
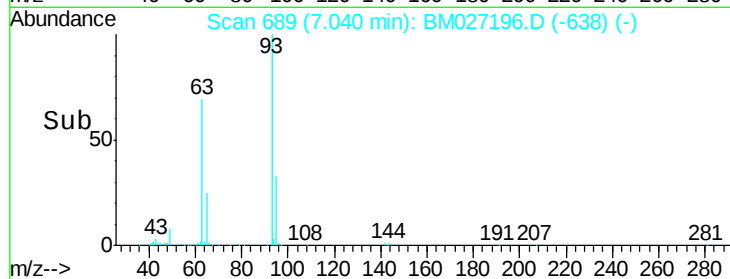
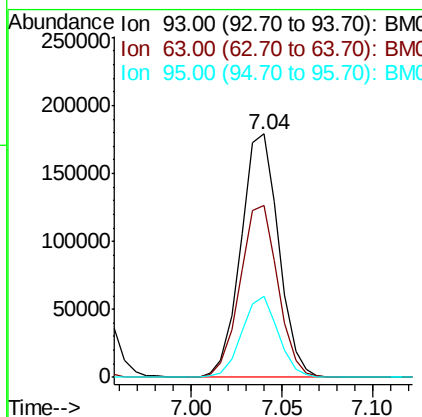
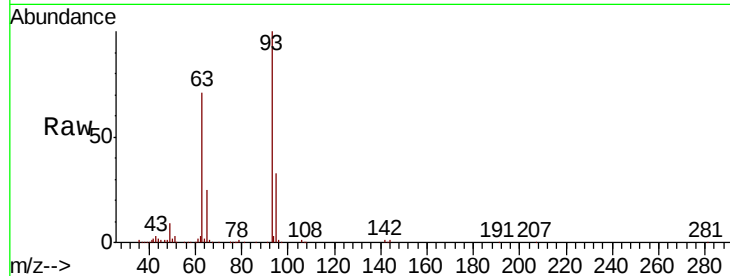
#11
bis(2-Chloroethyl)ether
Concen: 41.691 ng
RT: 7.04 min Scan# 689
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion:	93	Resp:	257640
Ion	Ratio	Lower	Upper
93	100		
63	70.5	48.3	88.3
95	33.1	12.5	52.5

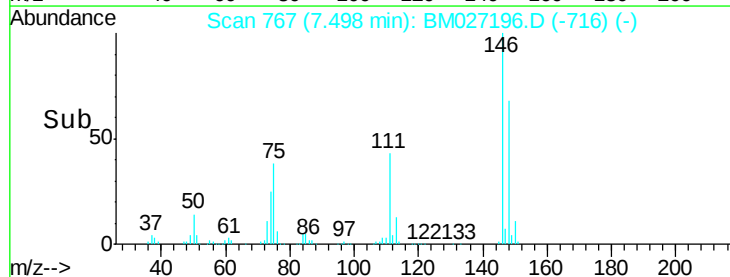
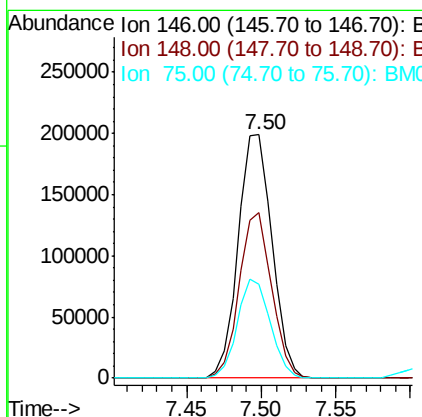
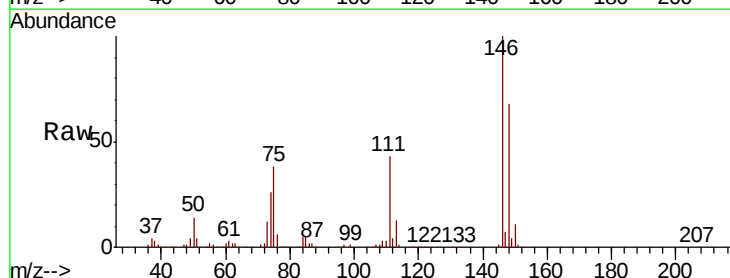
Manual Integrations
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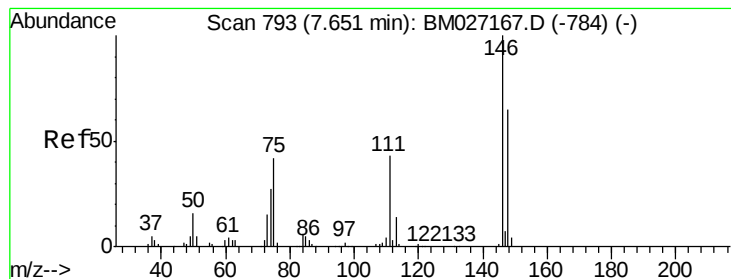
mohammad
8/25/2020 4:18:18 PM



#12
1,3-Dichlorobenzene
Concen: 37.316 ng
RT: 7.50 min Scan# 767
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion:	146	Resp:	314010
Ion	Ratio	Lower	Upper
146	100		
148	67.7	51.4	77.2
75	38.5	36.4	54.6





#13

1,4-Dichlorobenzene

Concen: 37.556 ng

RT: 7.64 min Scan# 791

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

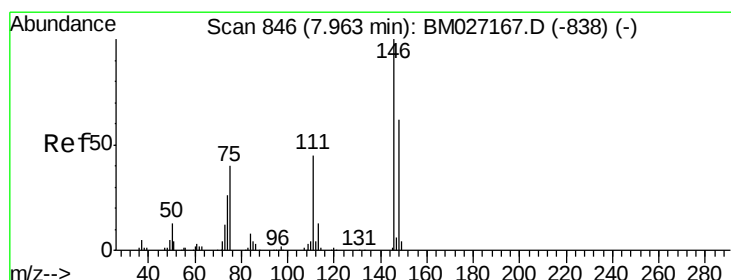
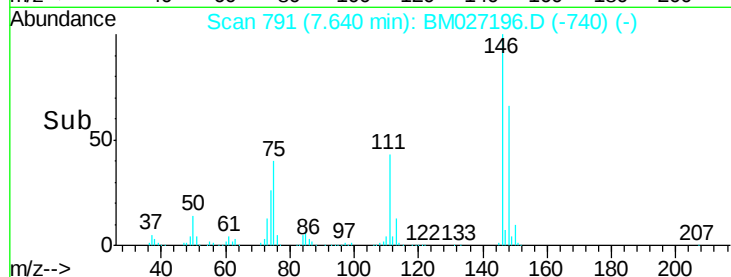
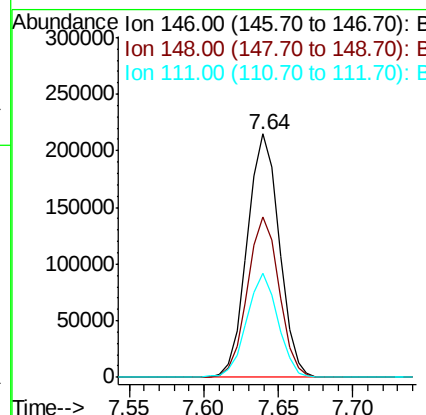
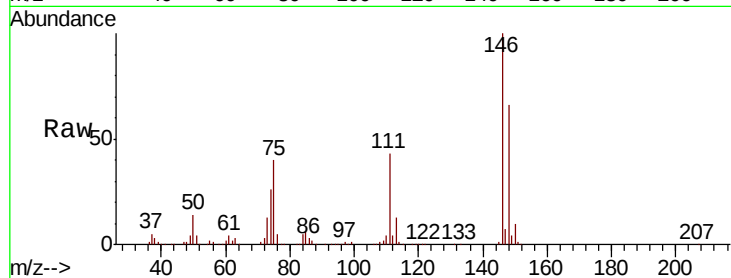
ClientSampleId :

PB131136BSD

Tot Ion:	146	Resp:	318860
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.0	78.0
111	42.5	34.3	51.5

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#14

1,2-Dichlorobenzene

Concen: 41.790 ng

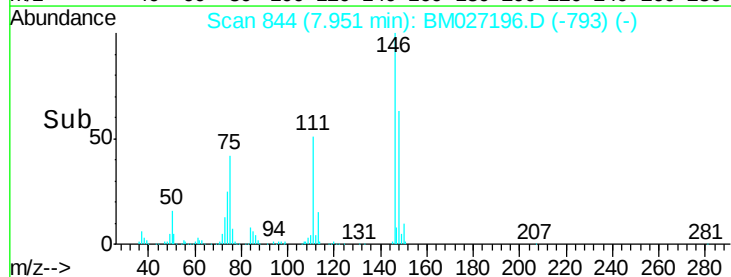
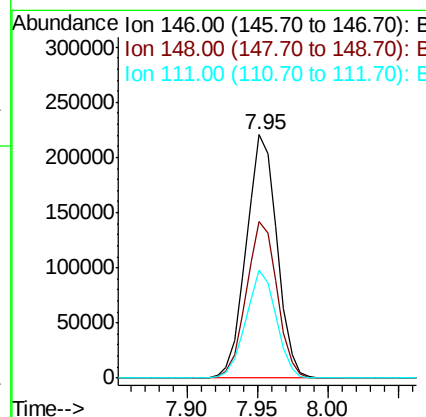
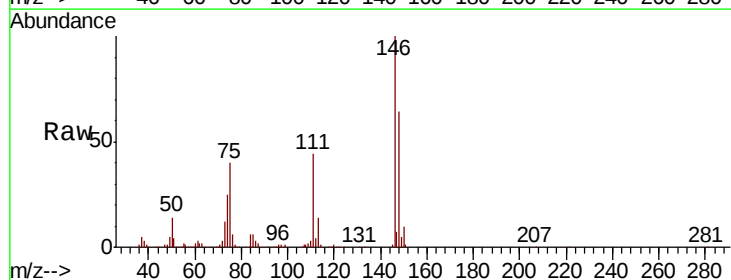
RT: 7.95 min Scan# 844

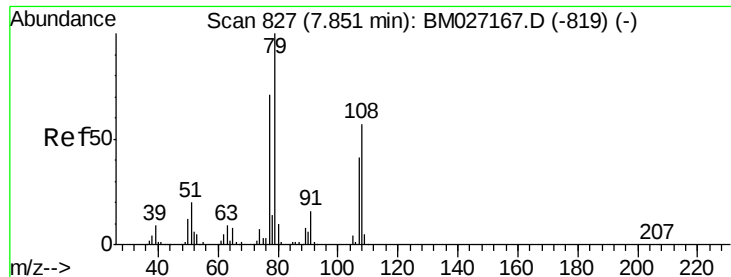
Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	146	Resp:	336510
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.1	75.1
111	44.3	36.3	54.5





#15

Benzyl Alcohol

Concen: 40.271 ng

RT: 7.85 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

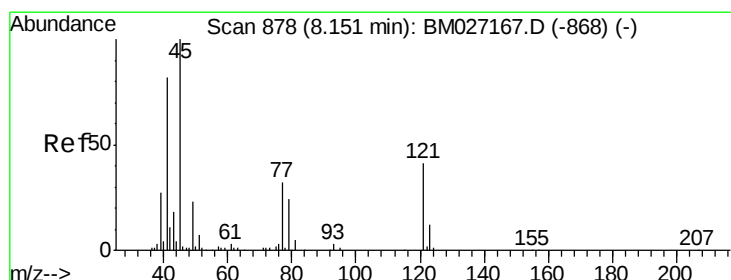
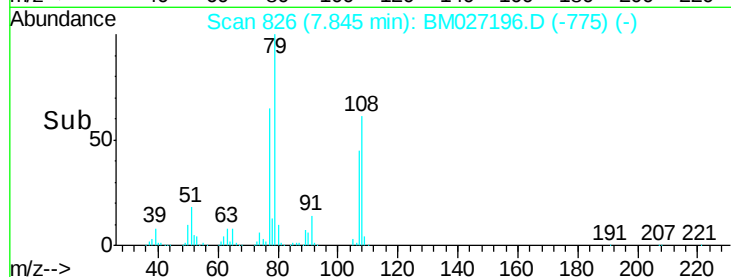
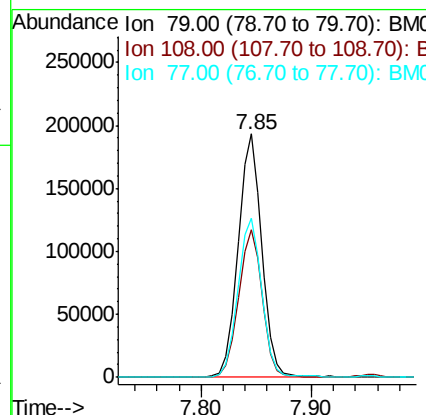
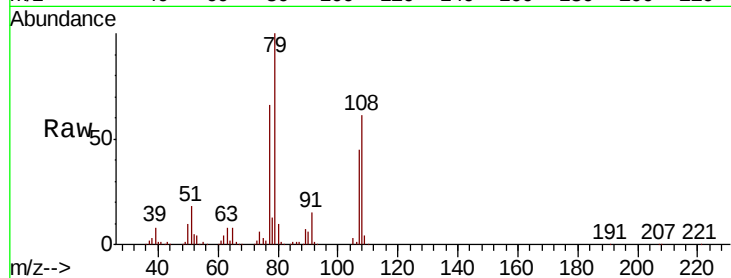
ClientSampled :

PB131136BSD

Tot Ion:	79	Resp:	290380
Ion Ratio	Lower	Upper	
79	100		
108	60.6	45.8	68.8
77	65.6	57.1	85.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.919 ng

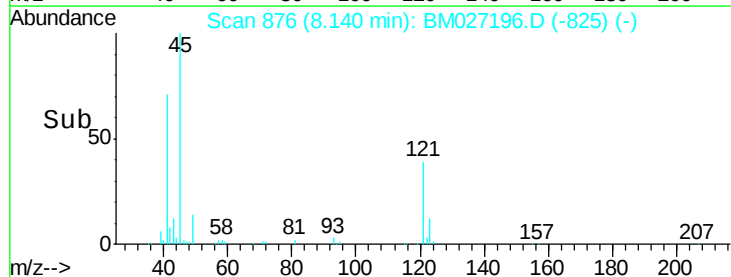
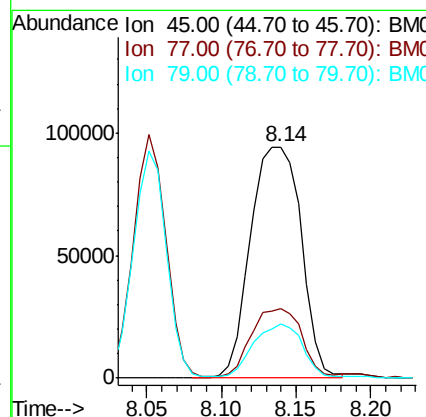
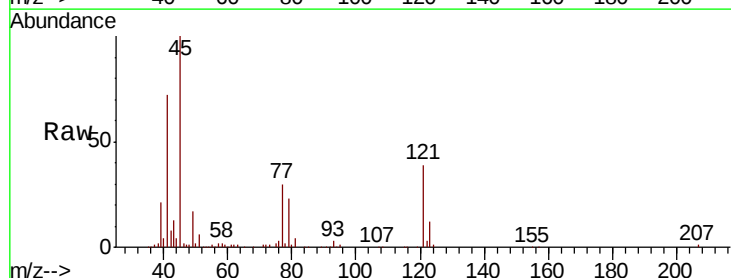
RT: 8.14 min Scan# 876

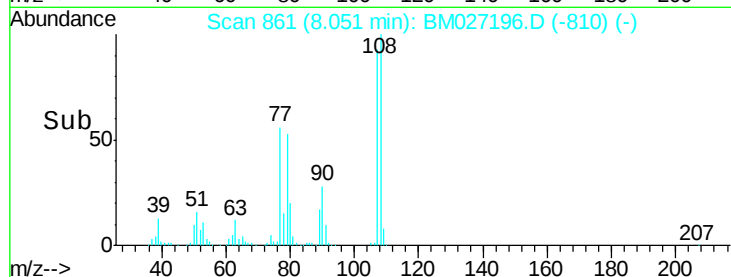
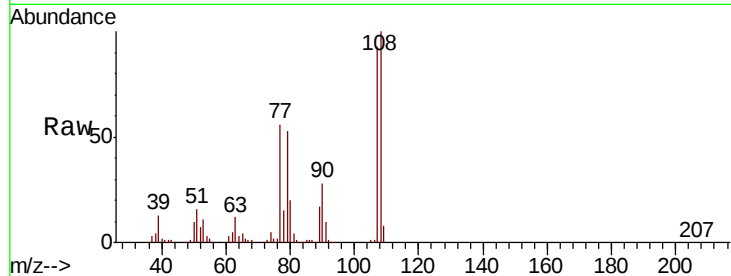
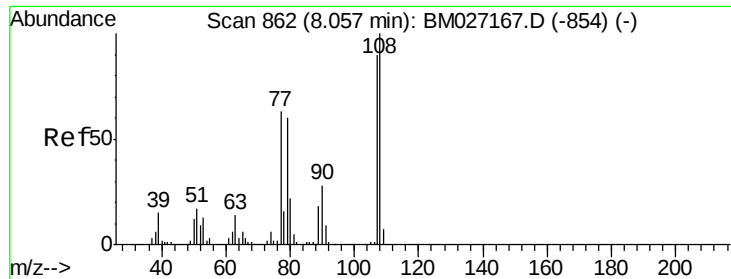
Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	45	Resp:	222704
Ion Ratio	Lower	Upper	
45	100		
77	29.8	12.9	52.9
79	23.3	4.9	44.9





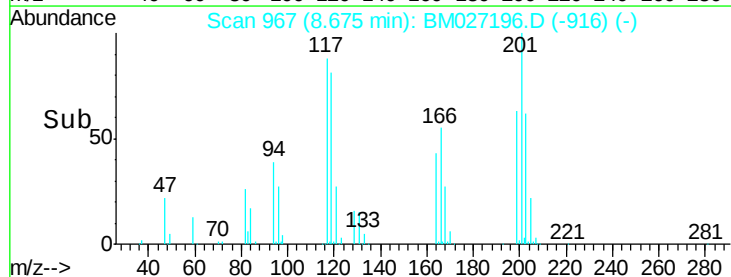
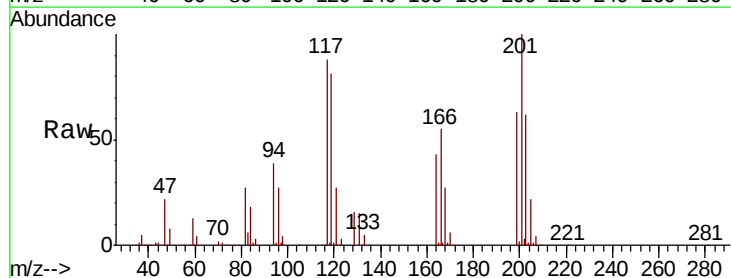
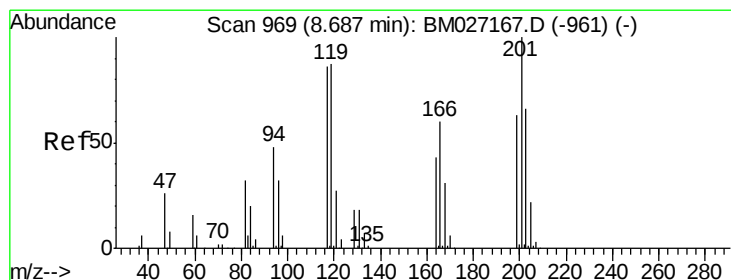
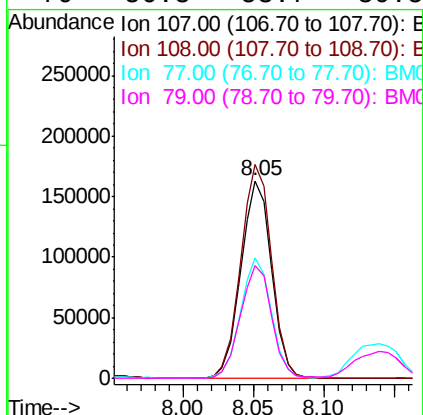
#17
2-Methylphenol
Concen: 47.316 ng
RT: 8.05 min Scan# 861
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tot Ion	107	Resp	247515
Ion Ratio	Lower	Upper	
107	100		
108	108.1	89.2	133.8
77	60.9	56.2	84.2
79	56.8	53.7	80.5

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

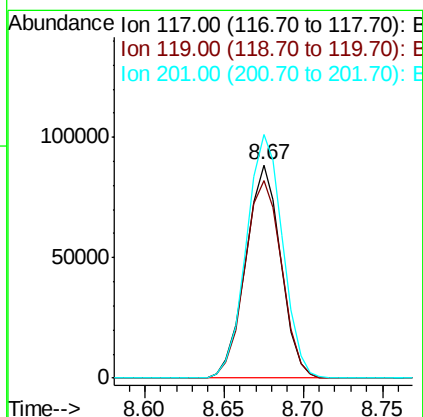
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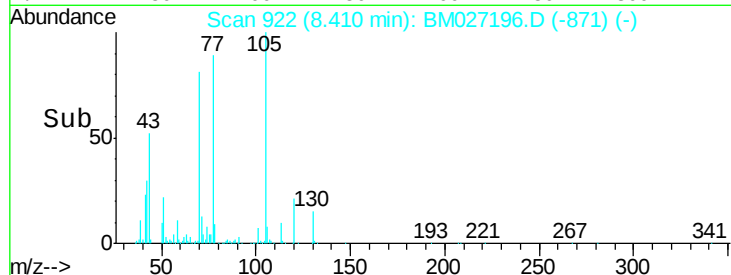
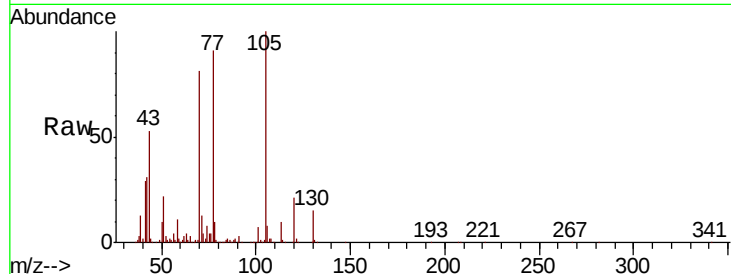
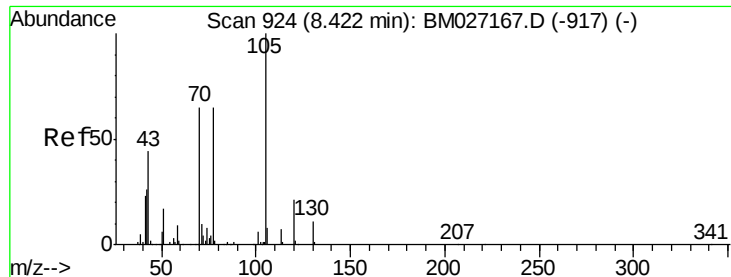
mohammad
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#18
Hexachloroethane
Concen: 39.570 ng
RT: 8.67 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	117	Resp	136338
Ion Ratio	Lower	Upper	
117	100		
119	92.7	80.1	120.1
201	114.2	92.6	138.8





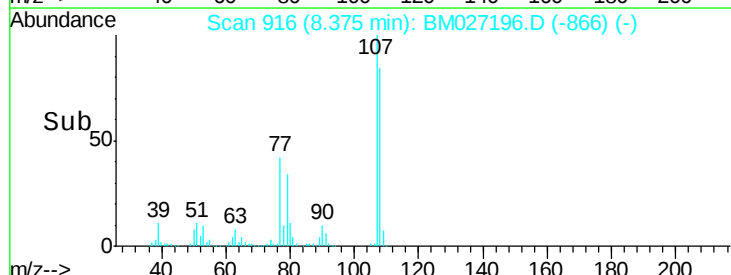
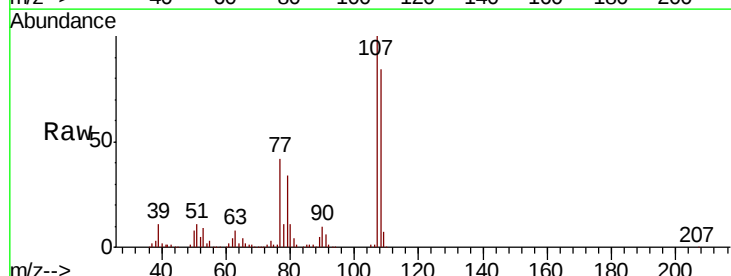
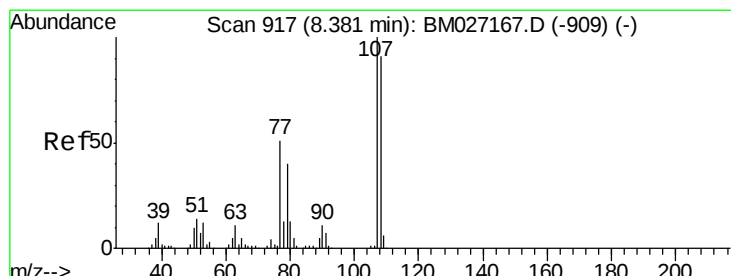
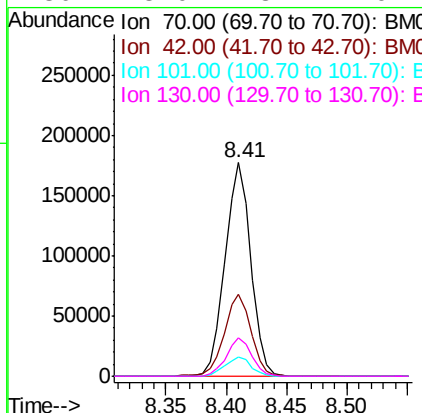
#19
n-Nitroso-di-n-propylamine
Concen: 42.919 ng
RT: 8.41 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampled :
PB131136BSD

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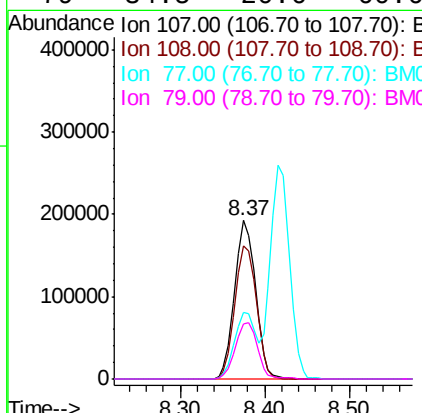
mohammad
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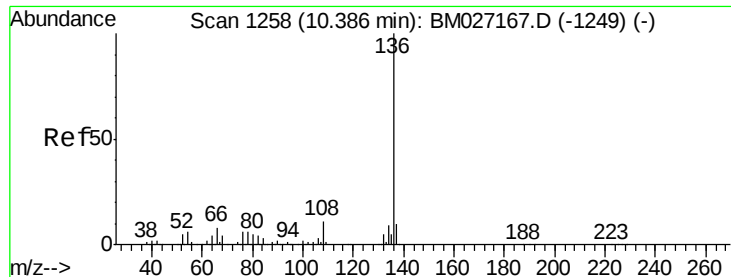
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.3	33.2	49.8	
101	9.0	6.9	10.3	
130	18.0	13.1	19.7	



#20
3+4-Methylphenols
Concen: 46.960 ng
RT: 8.37 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.9	70.7	110.7	
77	42.3	30.8	70.8	
79	34.5	20.6	60.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

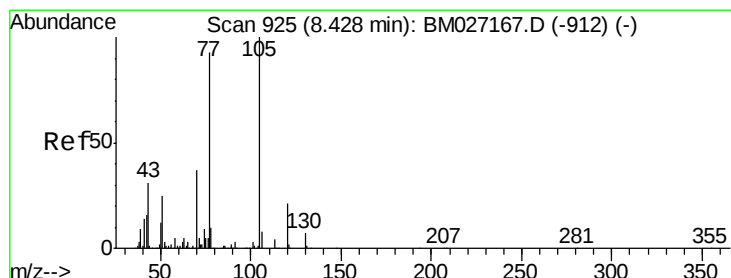
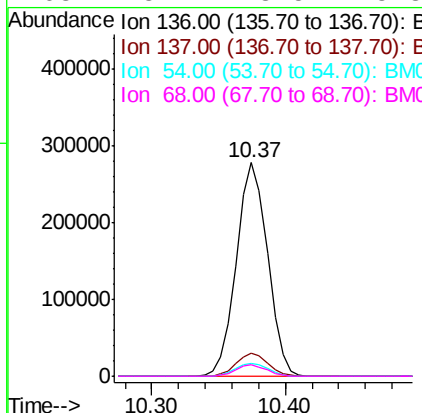
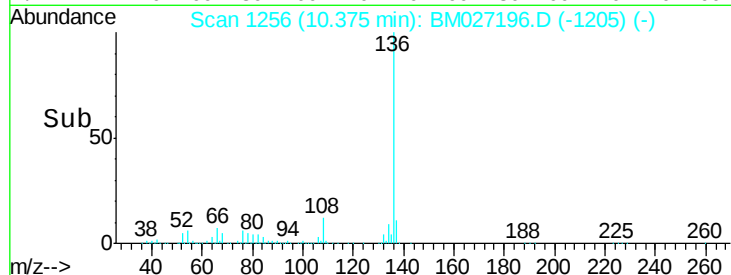
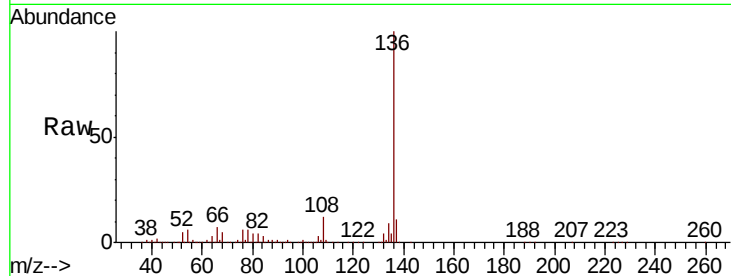
ClientSampleId :

PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	450019		
137	10.6		8.2	12.4
54	6.1		4.8	7.2
68	5.4		3.5	5.3#

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#22

Acetophenone

Concen: 38.007 ng

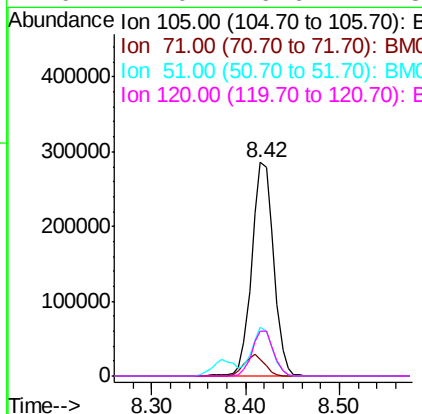
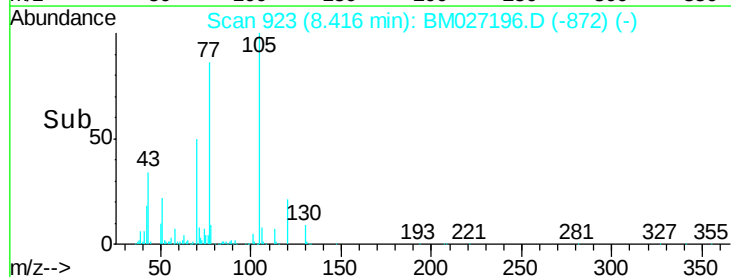
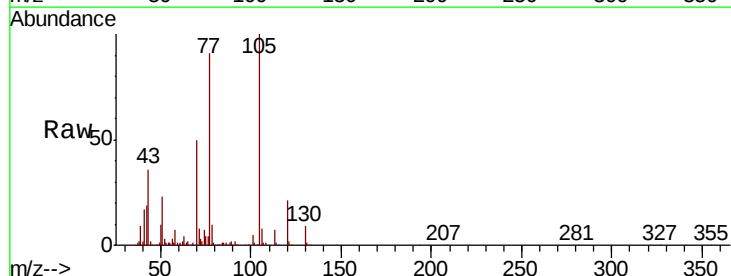
RT: 8.42 min Scan# 923

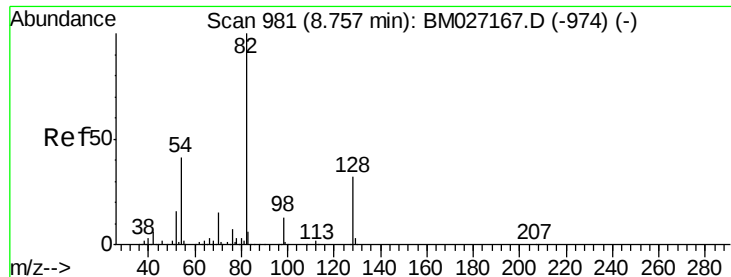
Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	459682		
71	7.8		4.2	6.2#
51	22.5		20.2	30.4
120	21.0		16.6	24.8





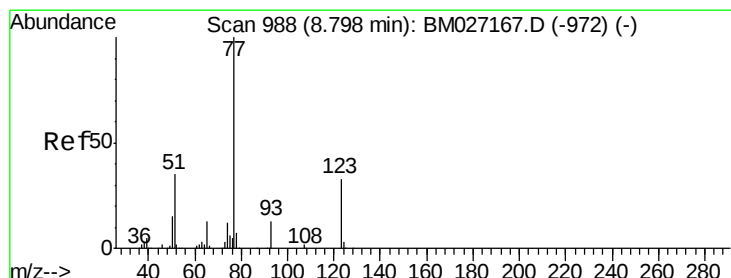
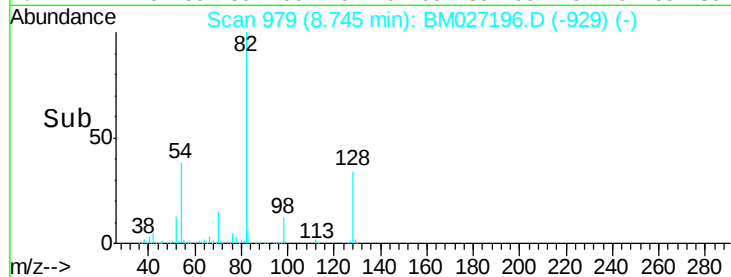
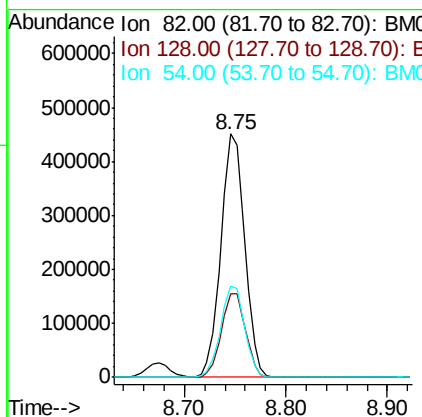
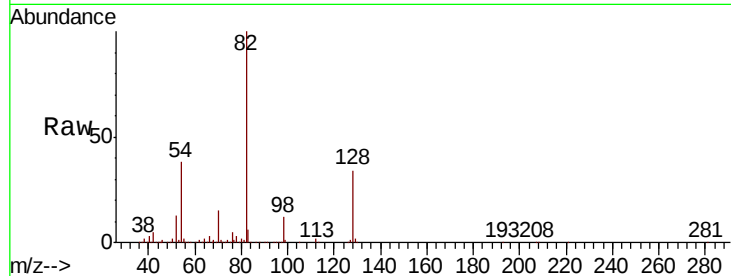
#23
 Nitrobenzene-d5
 Concen: 67.652 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

Tot Ion:	82	Resp:	737919
Ion Ratio	Lower	Upper	
82	100		
128	34.1	25.7	38.5
54	37.8	33.0	49.4

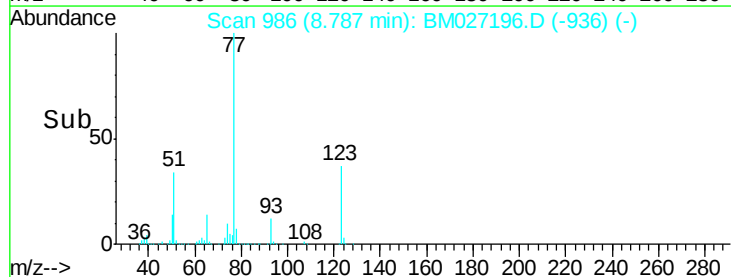
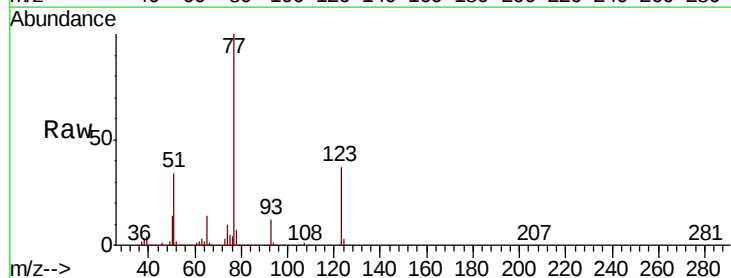
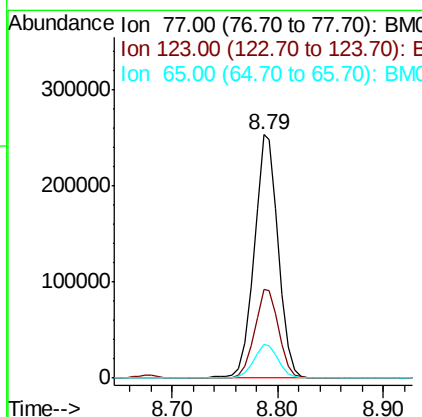
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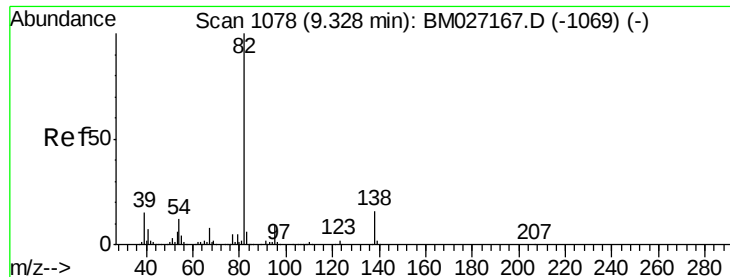
mohammad
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#24
 Nitrobenzene
 Concen: 36.278 ng
 RT: 8.79 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Tgt Ion:	77	Resp:	400526
Ion Ratio	Lower	Upper	
77	100		
123	36.5	26.2	39.4
65	13.7	10.5	15.7





#25

Isophorone

Concen: 40.684 ng

RT: 9.32 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

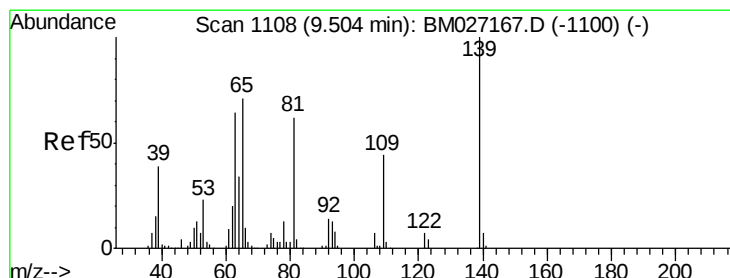
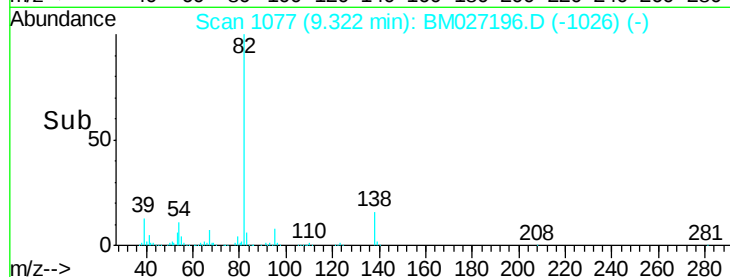
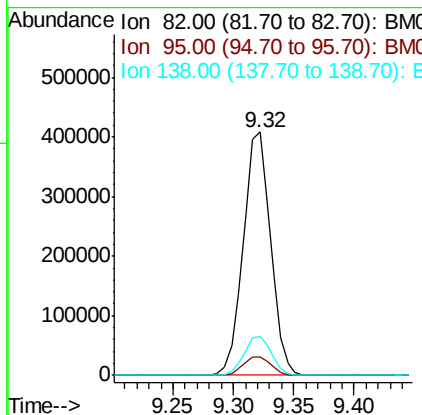
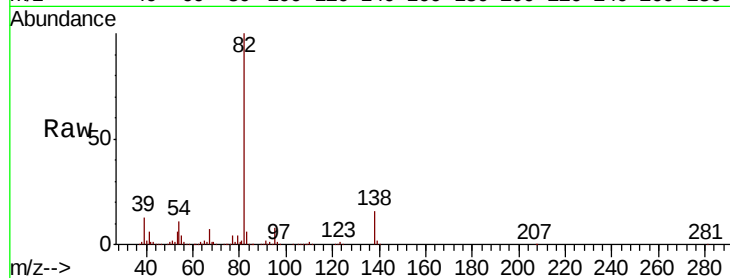
ClientSampleId :

PB131136BSD

Tot Ion:	82	Resp:	649988
Ion Ratio	Lower	Upper	
82	100		
95	7.5	7.2	10.8
138	15.7	12.8	19.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.282 ng

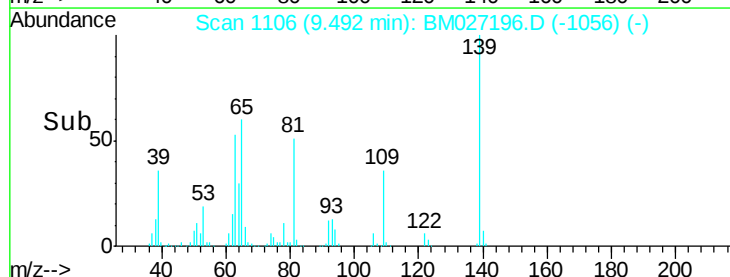
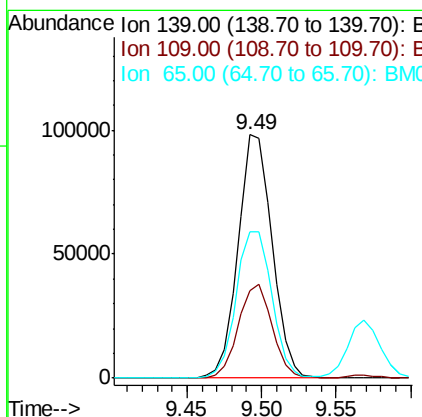
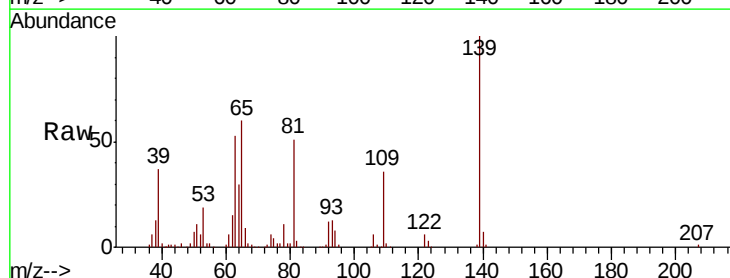
RT: 9.49 min Scan# 1106

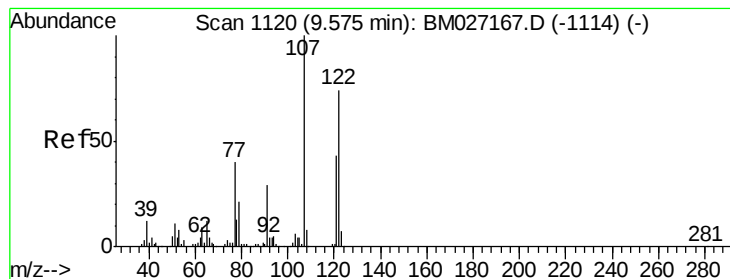
Delta R.T. -0.01 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	139	Resp:	156046
Ion Ratio	Lower	Upper	
139	100		
109	35.8	35.0	52.6
65	60.0	57.0	85.6





#27

2,4-Dimethylphenol

Concen: 47.755 ng

RT: 9.57 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

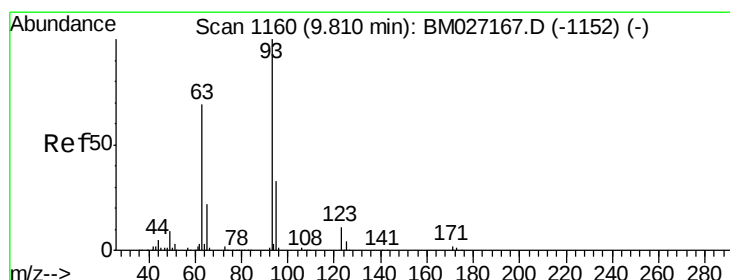
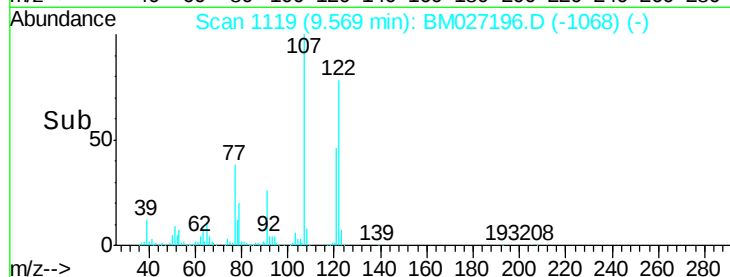
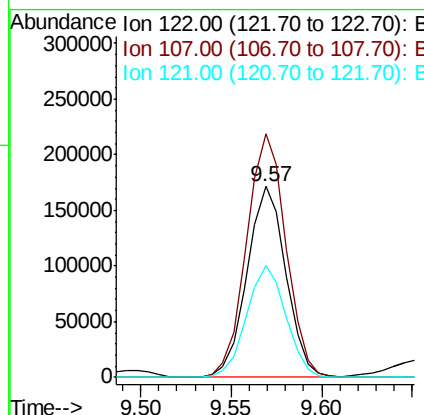
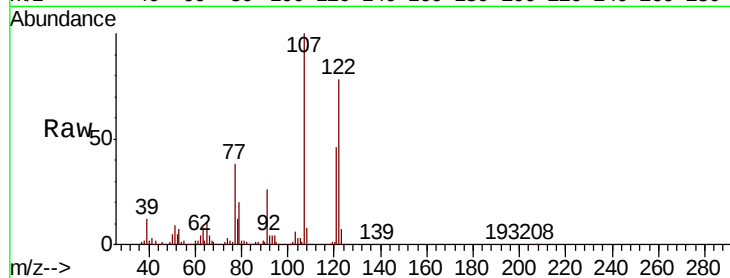
ClientSampled :

PB131136BSD

Tot Ion:	122	Resp:	255522
Ion Ratio	Lower	Upper	
122	100		
107	127.5	108.1	162.1
121	58.7	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 39.099 ng

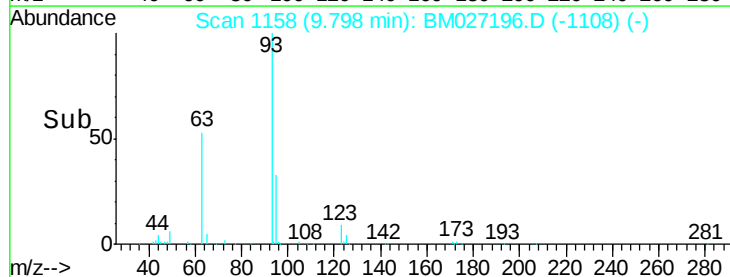
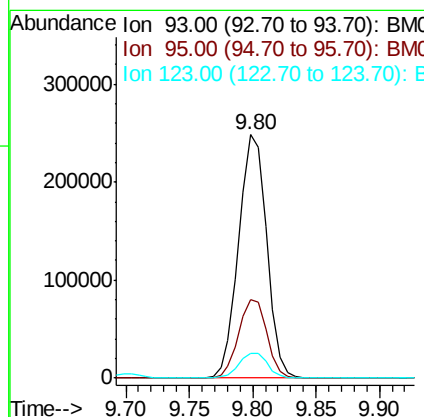
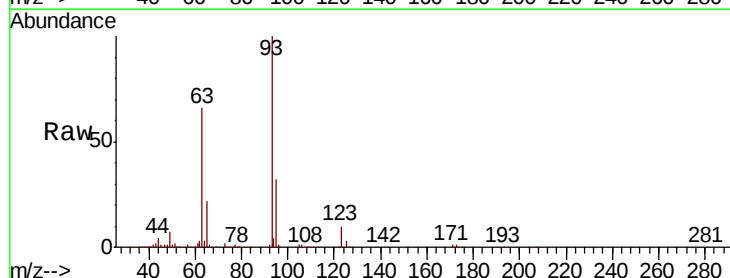
RT: 9.80 min Scan# 1158

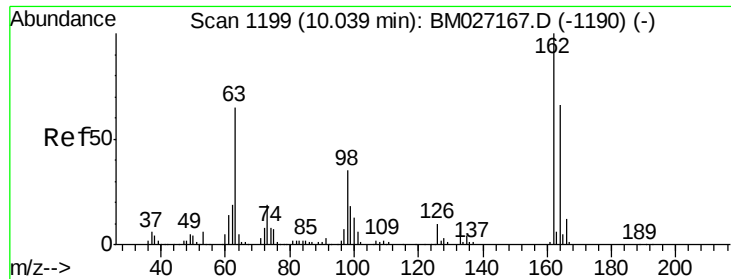
Delta R.T. -0.01 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	93	Resp:	381188
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.2	39.2
123	10.1	8.8	13.2





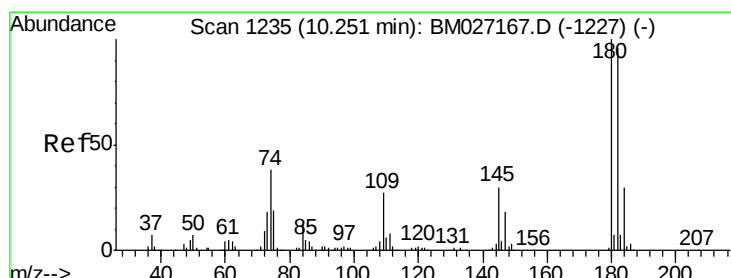
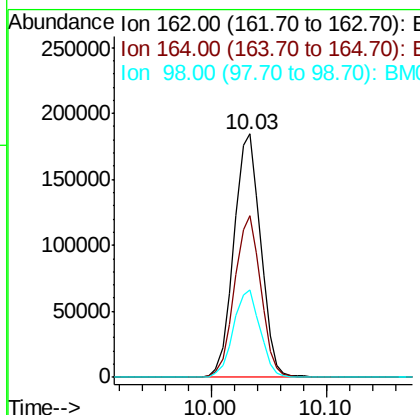
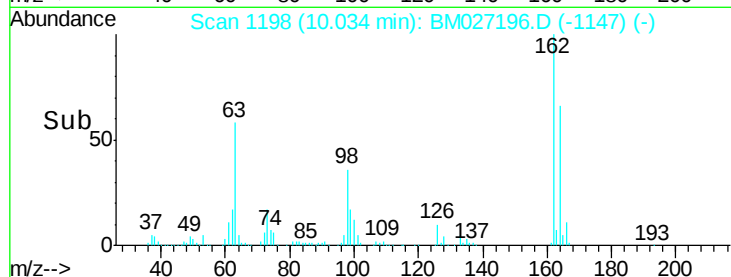
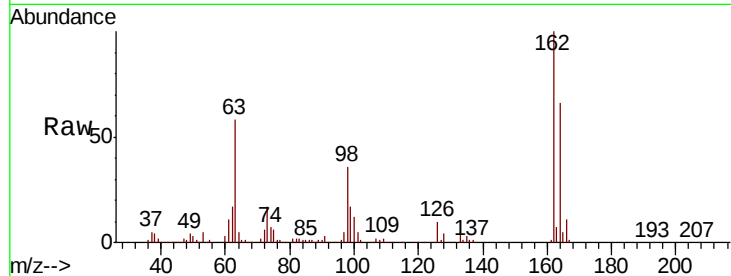
#29
 2,4-Dichlorophenol
 Concen: 39.788 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleID :
 PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	296903		
164	66.3	46.0	86.0	
98	35.9	15.0	55.0	

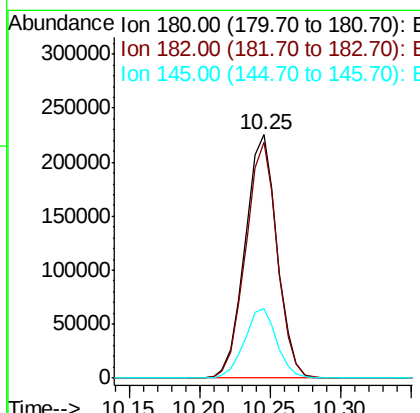
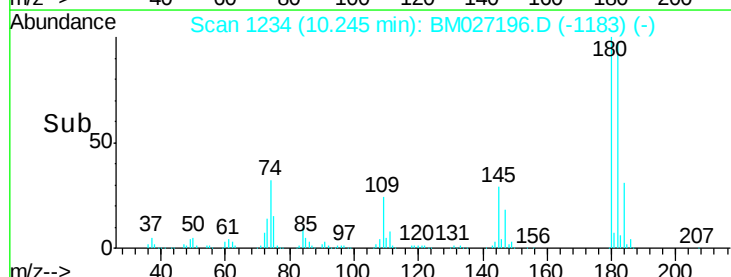
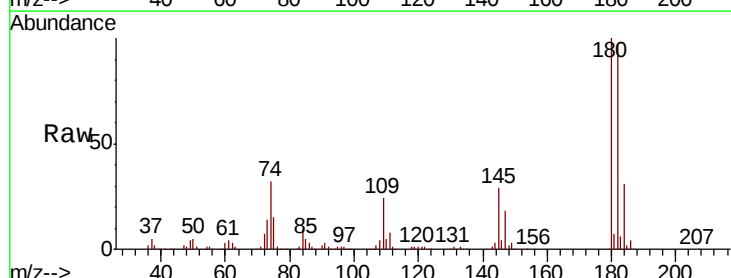
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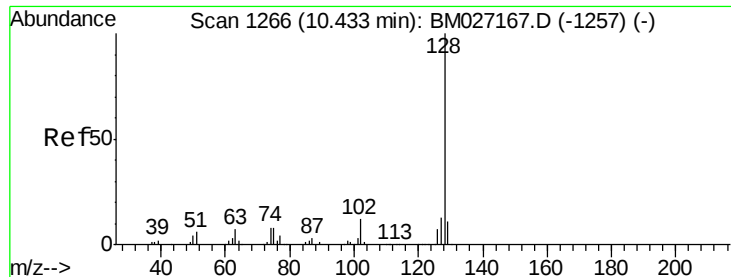
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.448 ng
 RT: 10.25 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	357049		
182	96.7	76.6	115.0	
145	28.6	23.7	35.5	





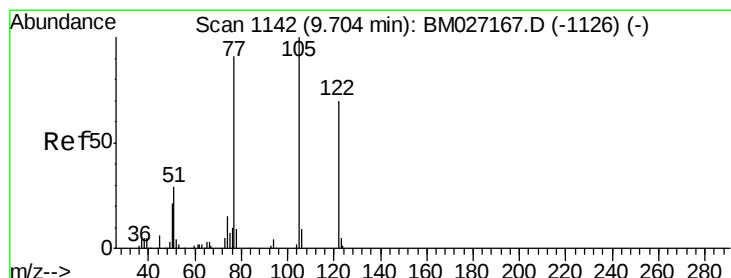
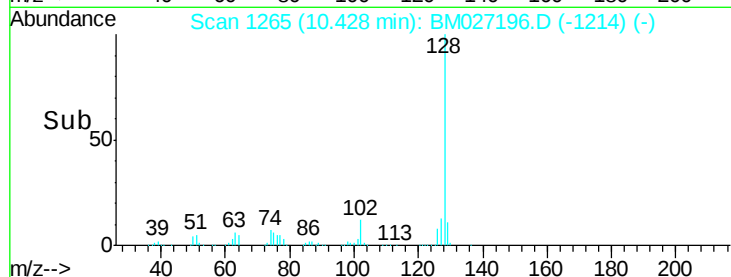
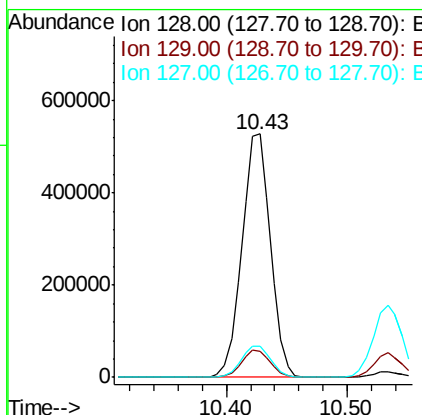
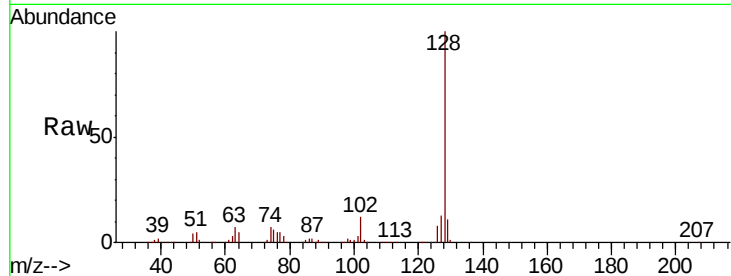
#31
Naphthalene
Concen: 38.088 ng
RT: 10.43 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	868753		
129	10.5		9.0	13.4
127	12.9		10.7	16.1

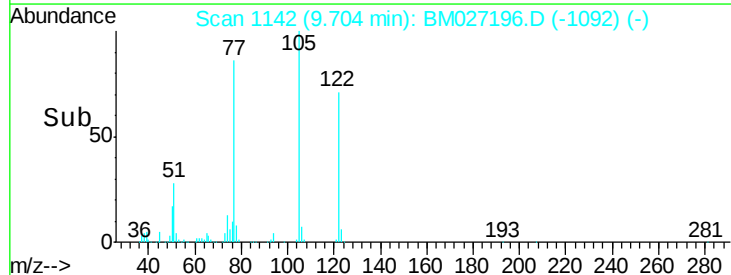
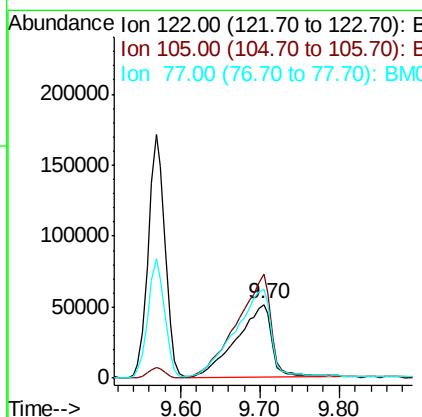
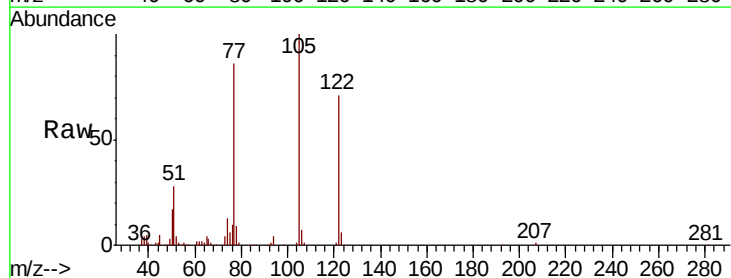
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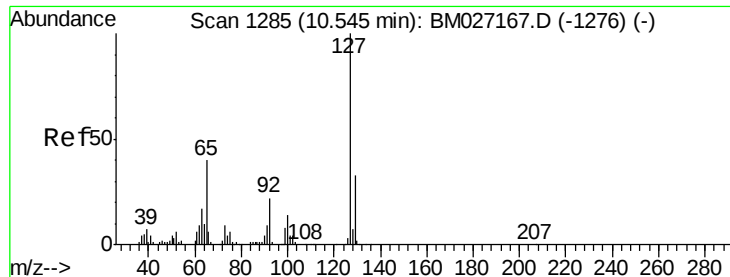
mohammad
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#32
Benzoic acid
Concen: 37.047 ng
RT: 9.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	160047		
105	140.5		117.8	157.8
77	121.2		107.8	147.8





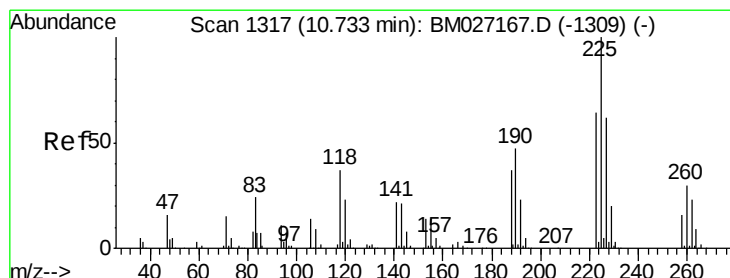
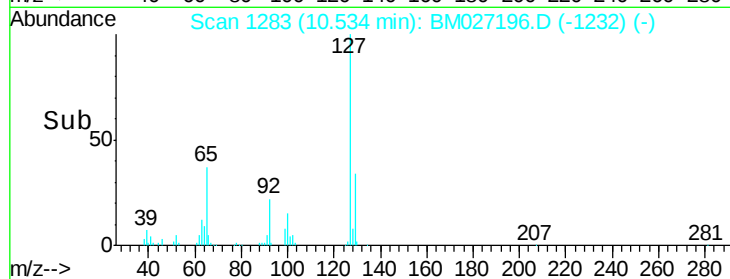
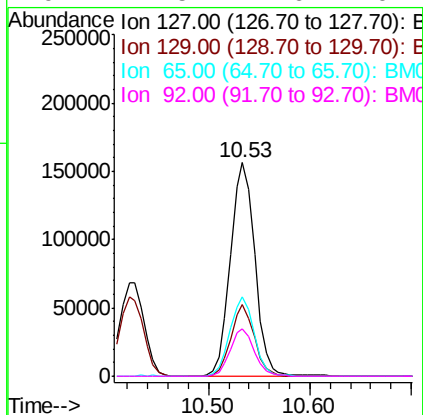
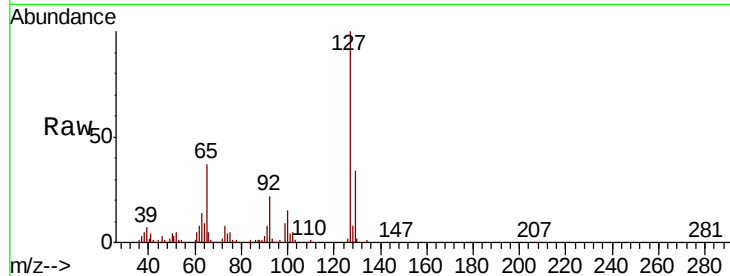
#33
4-Chloroaniline
Concen: 27.867 ng
RT: 10.53 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	262589		
129	33.5	26.0	39.0	
65	36.9	31.8	47.6	
92	22.5	17.6	26.4	

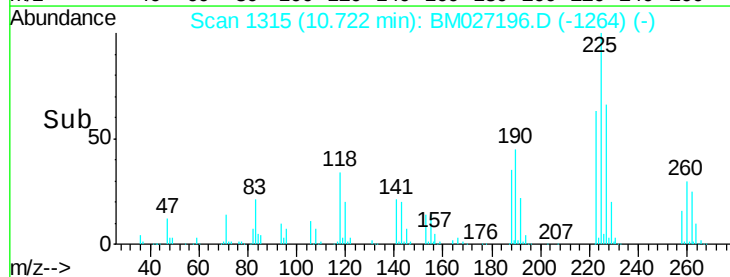
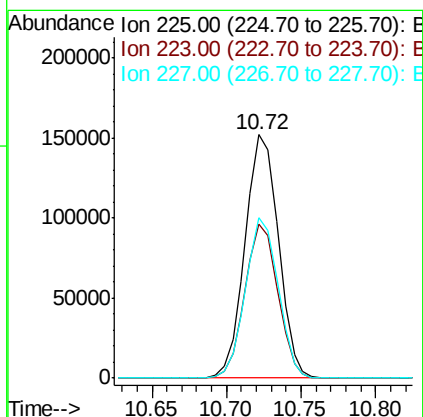
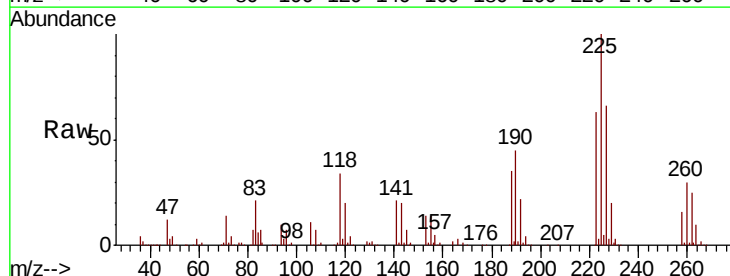
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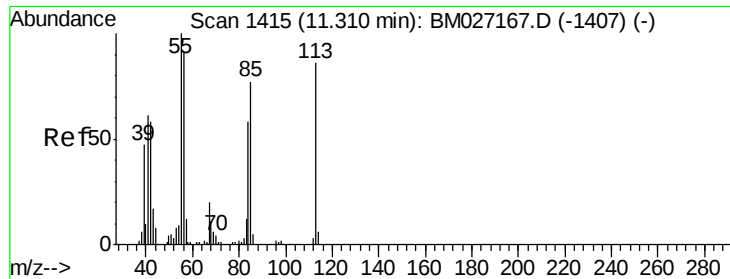
mohammad
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#34
Hexachlorobutadiene
Concen: 35.954 ng
RT: 10.72 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	235354		
223	63.5	51.1	76.7	
227	65.7	49.7	74.5	





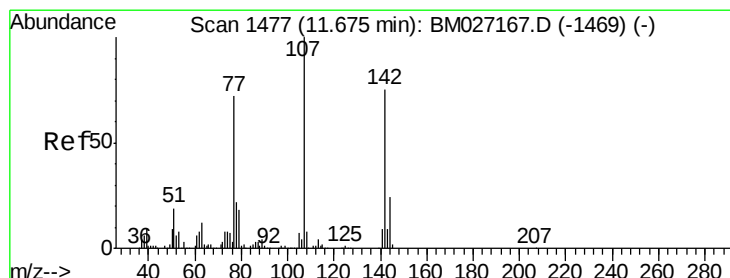
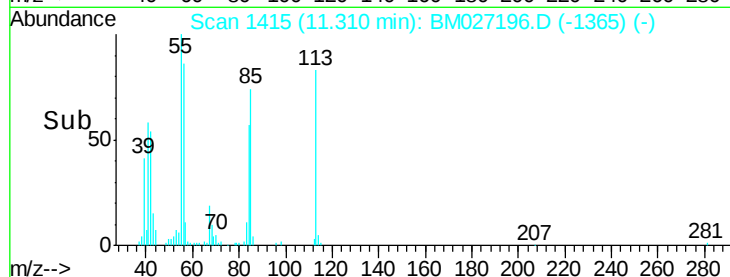
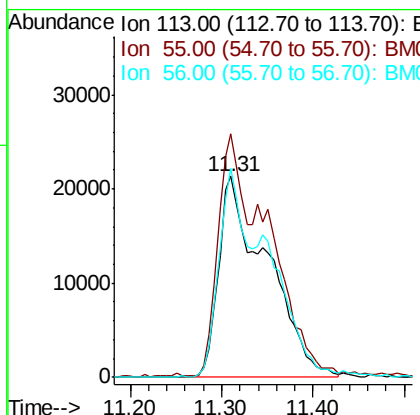
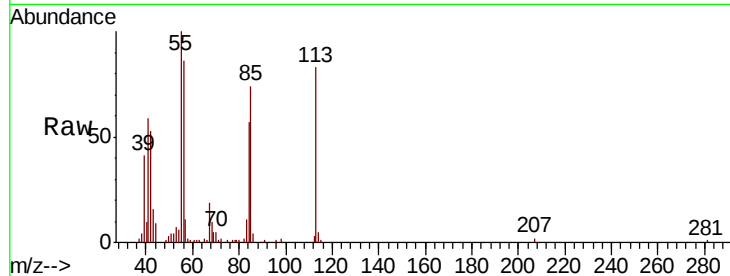
#35
Caprolactam
Concen: 38.729 ng/ml
RT: 11.31 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	78343		
55	121.2		96.9	136.9
56	103.9		85.9	125.9

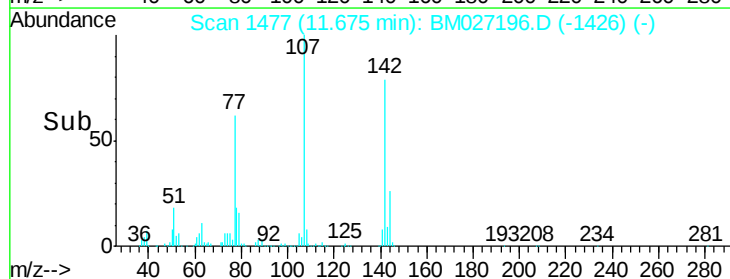
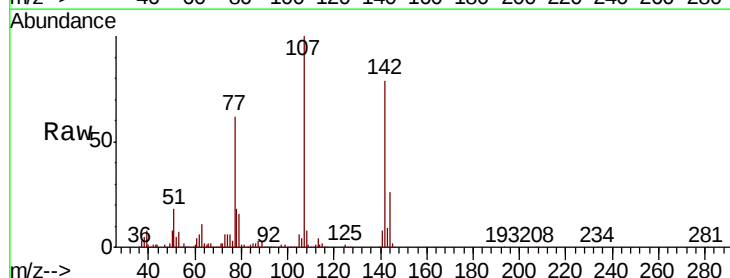
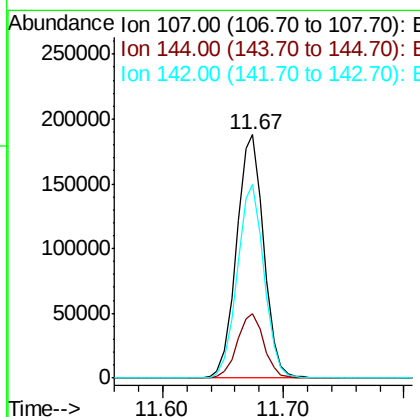
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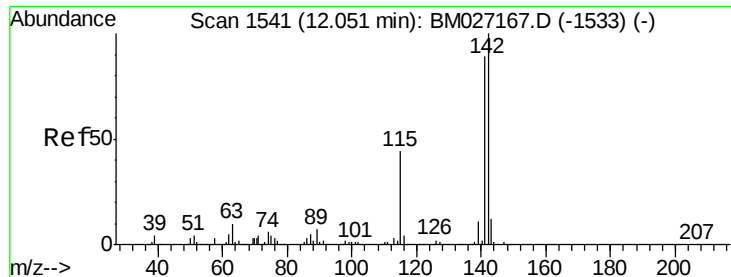
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 38.222 ng/ml
RT: 11.67 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	294827		
144	26.3		19.5	29.3
142	79.4		60.3	90.5





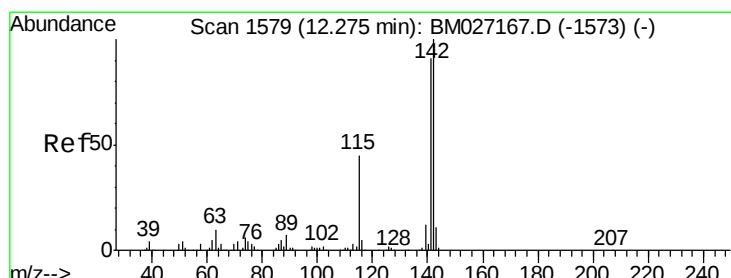
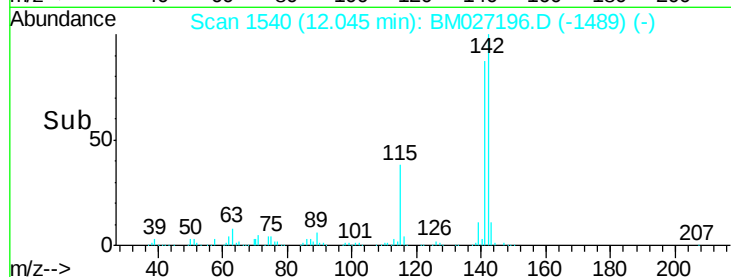
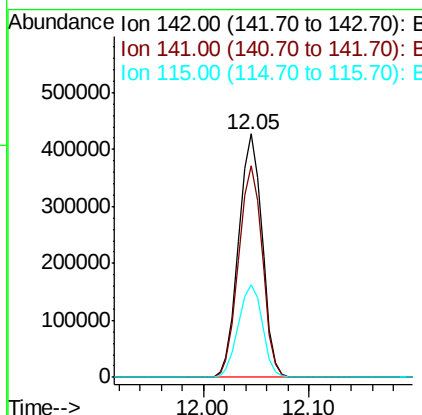
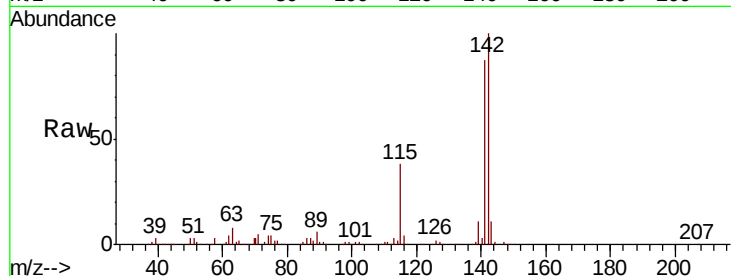
#37
2-Methylnaphthalene
Concen: 38.086 ng
RT: 12.05 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.4	107.0
115	37.9	34.8	52.2

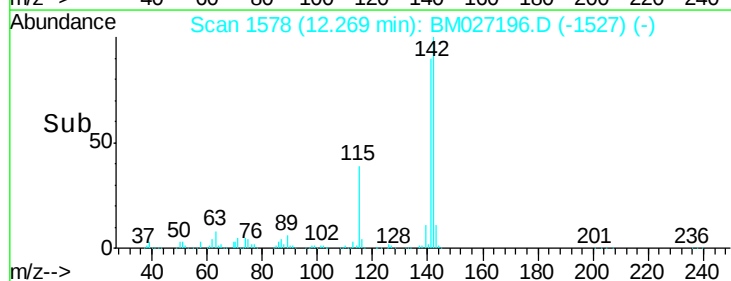
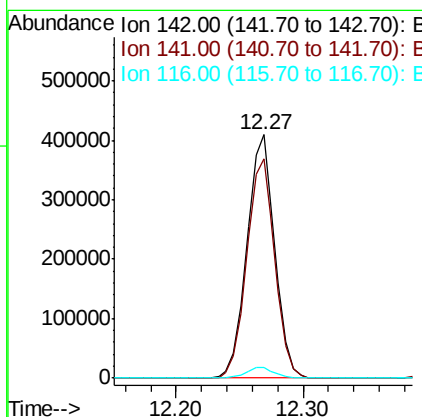
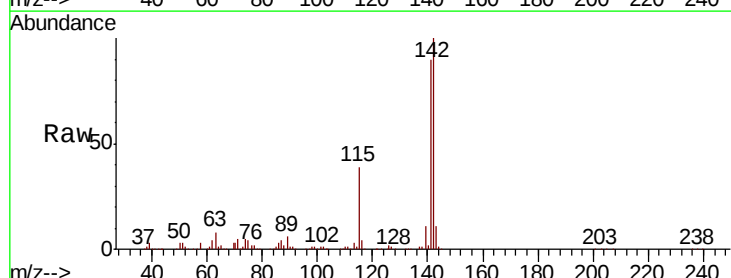
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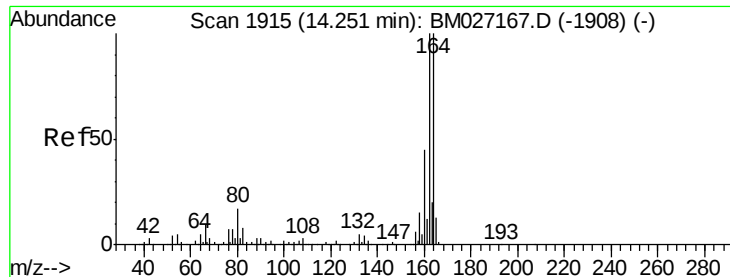
mohammad
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#38
1-Methylnaphthalene
Concen: 37.347 ng
RT: 12.27 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.8	109.2
116	4.2	4.2	6.4#





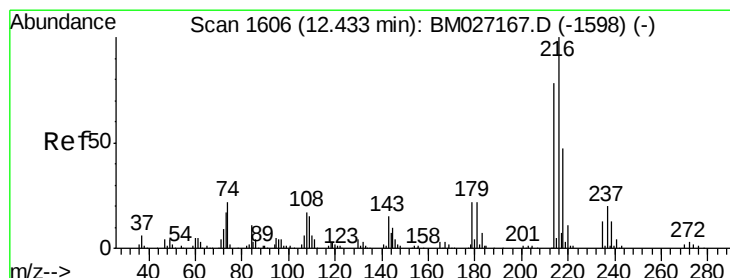
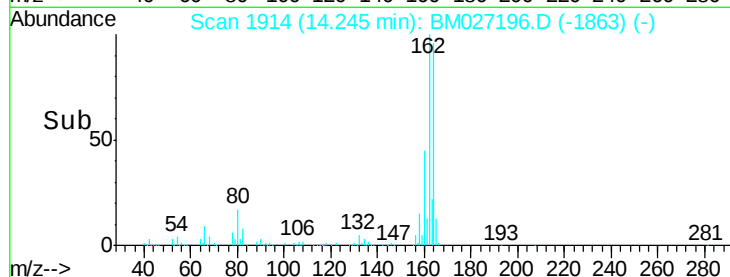
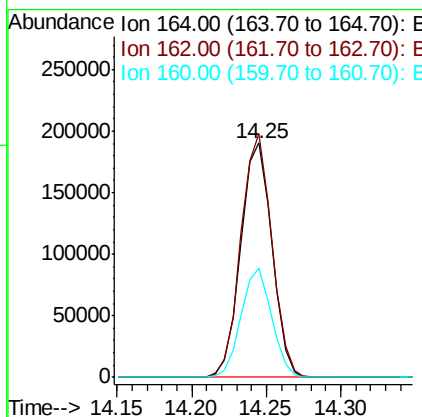
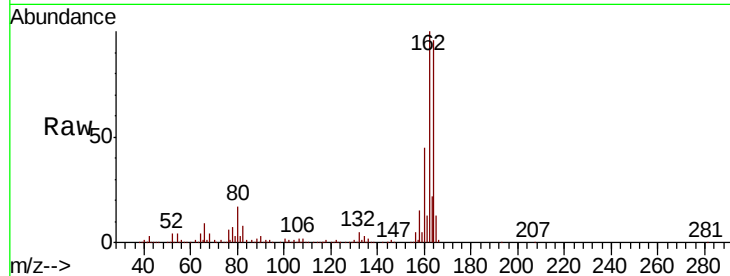
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	275500		
162	103.8	80.2	120.4	
160	46.3	36.3	54.5	

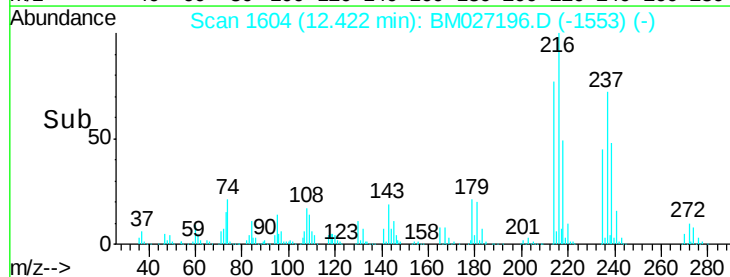
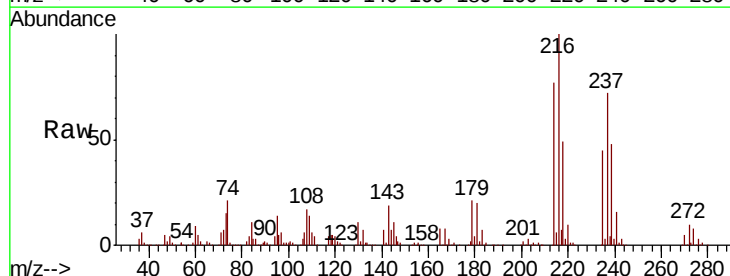
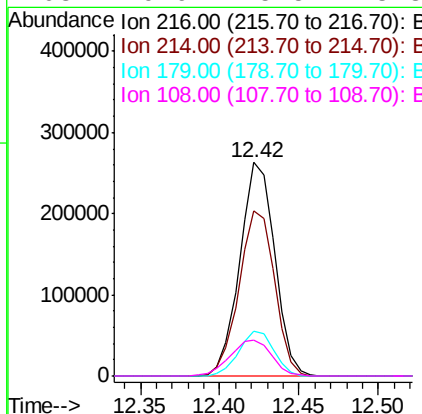
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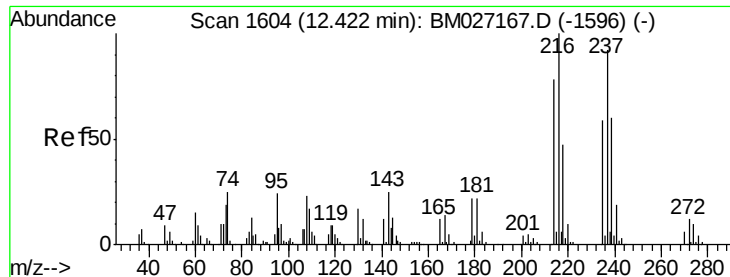
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.673 ng
RT: 12.42 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	404334		
214	78.3	62.8	94.2	
179	21.0	18.0	27.0	
108	19.9	15.5	23.3	





#41

Hexachlorocyclopentadiene

Concen: 105.582 ng

RT: 12.41 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

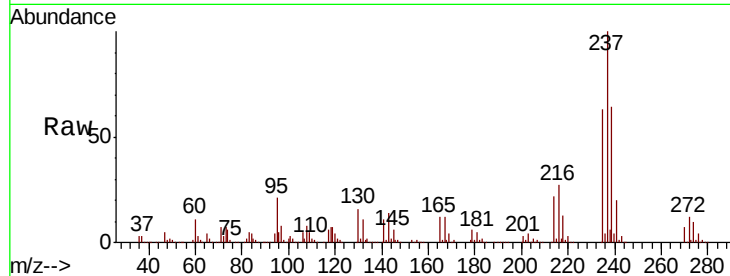
ClientSampleId :

PB131136BSD

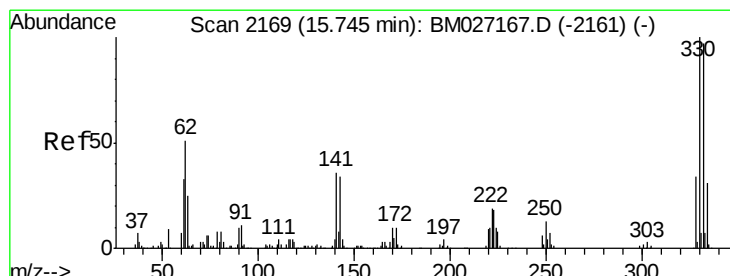
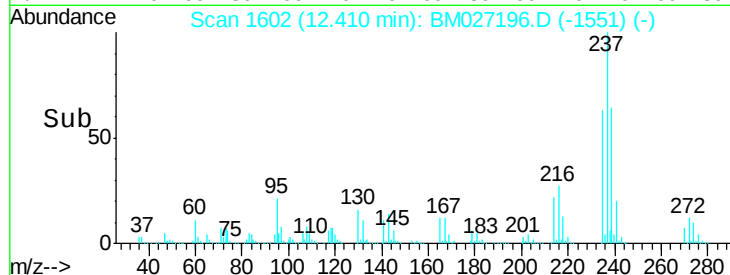
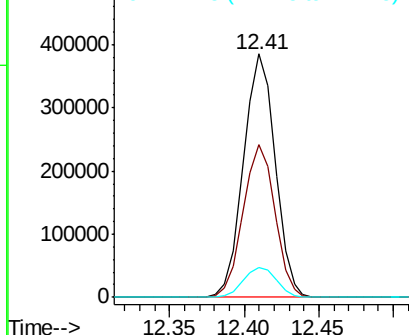
Tot Ion:	237	Resp:	566233
Ion Ratio	Lower	Upper	
237	100		
235	62.5	44.0	84.0
272	12.4	0.0	33.4

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



#42

2,4,6-Tribromophenol

Concen: 94.519 ng

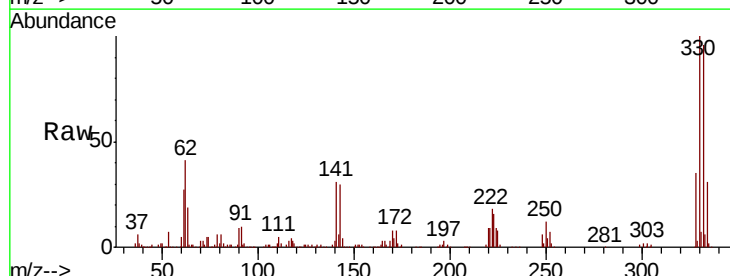
RT: 15.74 min Scan# 2168

Delta R.T. 0.00 min

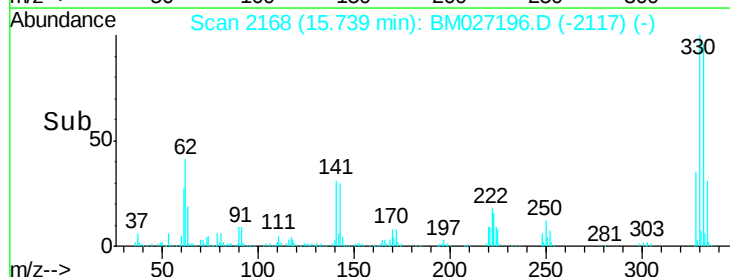
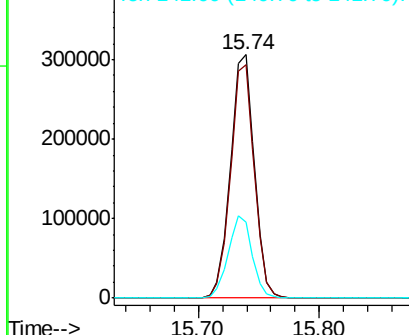
Lab File: BM027196.D

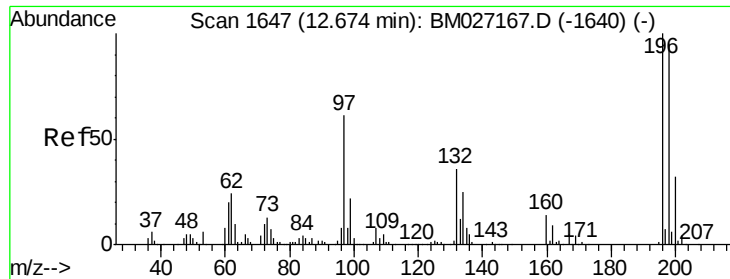
Acq: 24 Aug 2020 16:20

Tgt Ion:	330	Resp:	421673
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	33.9	31.0	46.6



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





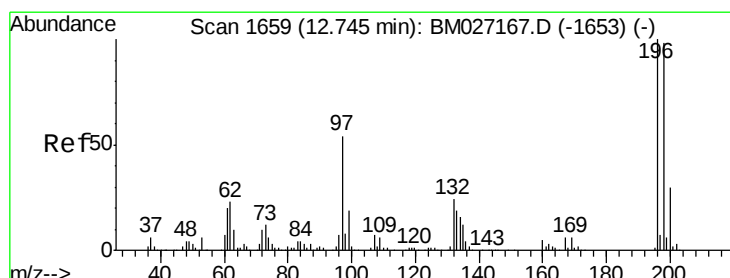
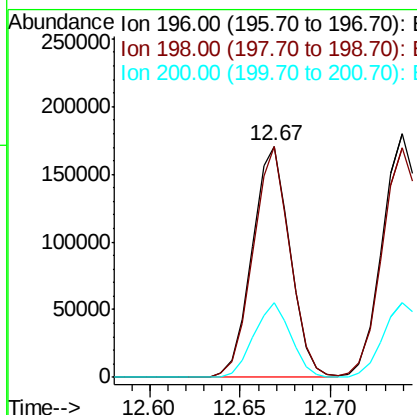
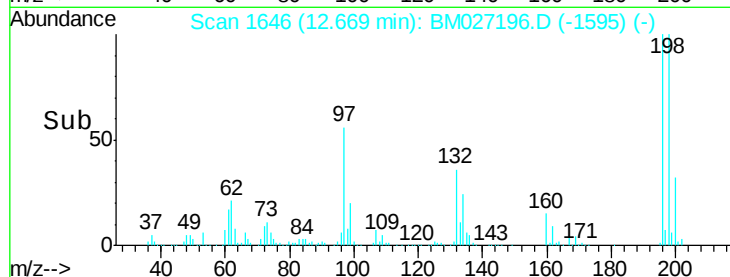
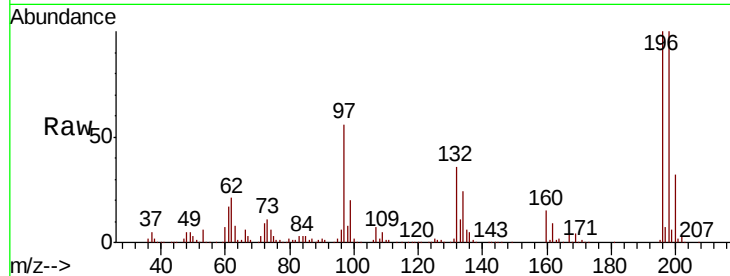
#43
 2,4,6-Trichlorophenol
 Concen: 41.393 ng
 RT: 12.67 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	247986		
198	99.8	76.1	114.1	
200	32.5	25.6	38.4	

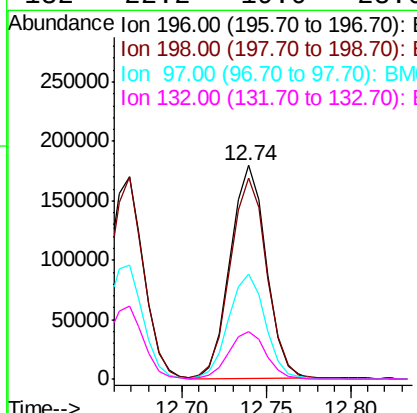
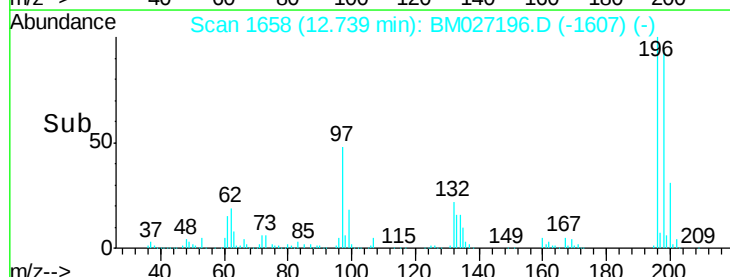
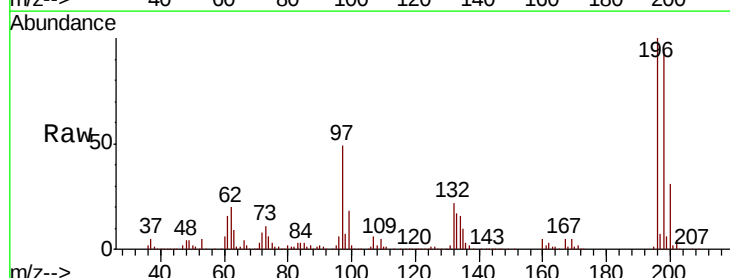
Manual Integrations
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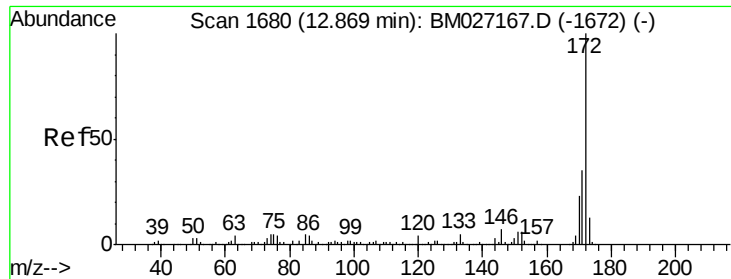
mohammad
 8/25/2020 4:18:18 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.957 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266550		
198	94.3	78.2	117.4	
97	49.0	43.5	65.3	
132	22.2	19.0	28.6	





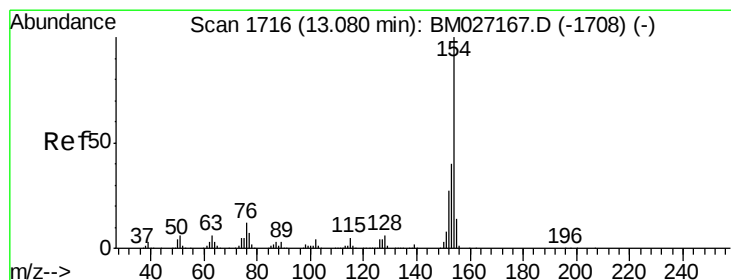
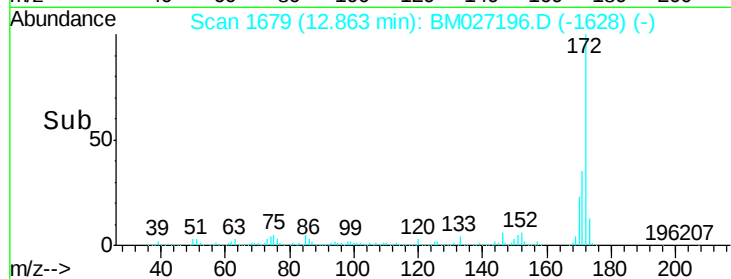
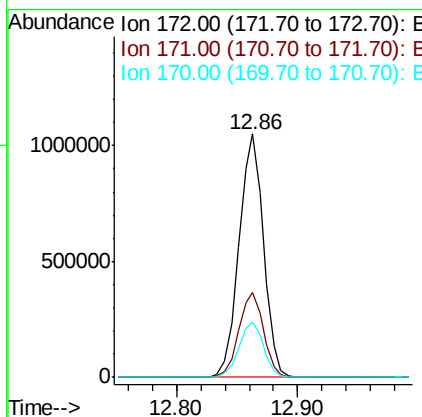
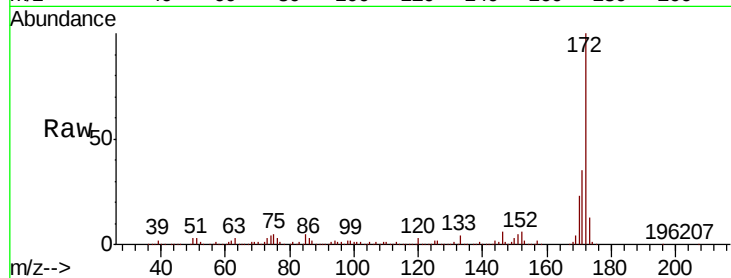
#45
2-Fluorobiphenyl
Concen: 70.685 ng
RT: 12.86 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampled :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.8	18.6	28.0

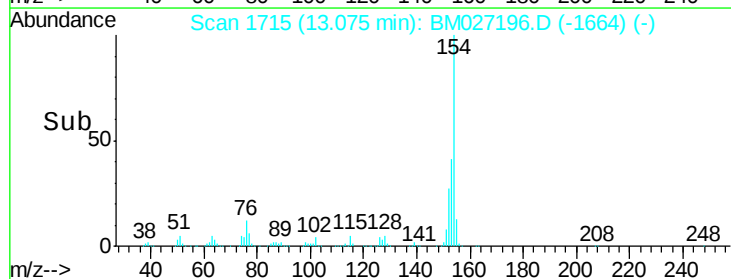
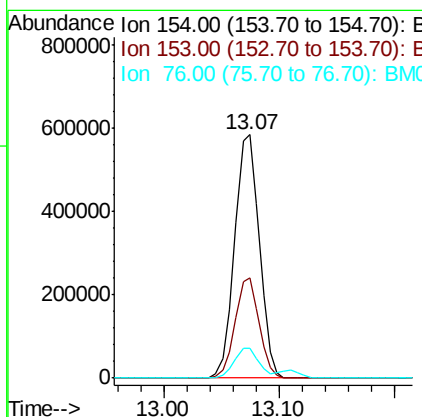
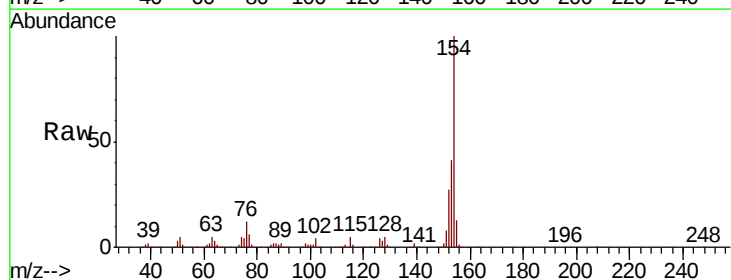
Manual Integrations
APPROVED

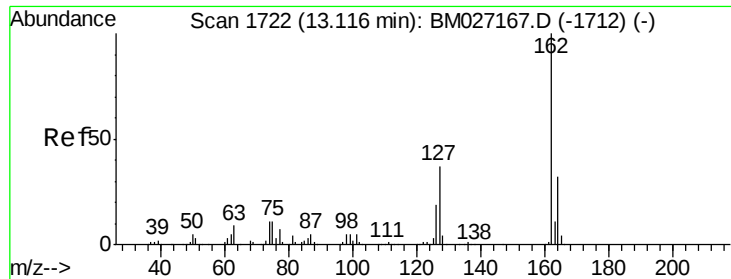
mohammad
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#46
1,1'-Biphenyl
Concen: 41.720 ng
RT: 13.07 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	12.0	0.0	31.7





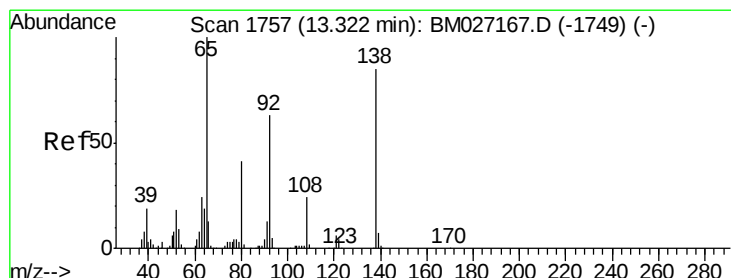
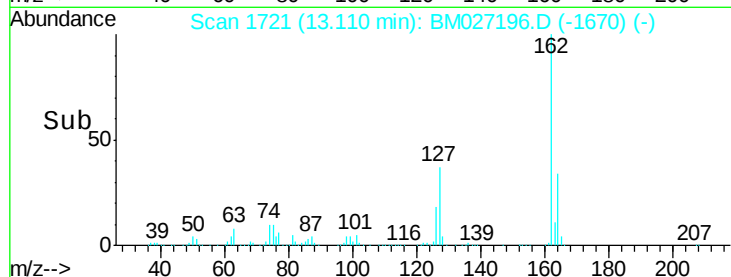
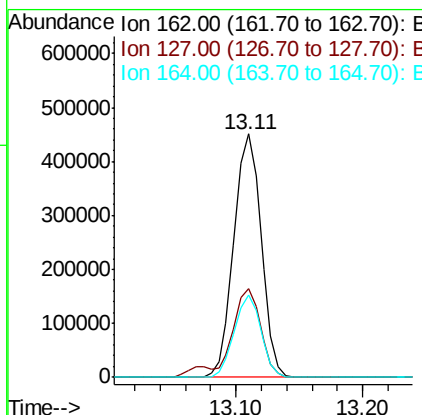
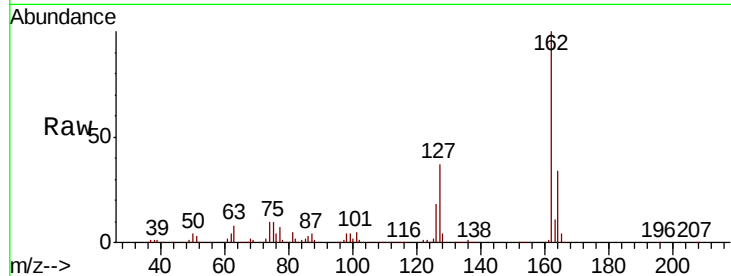
#47
 2-Chloronaphthalene
 Concen: 38.167 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.2	45.2
164	33.7	25.6	38.4

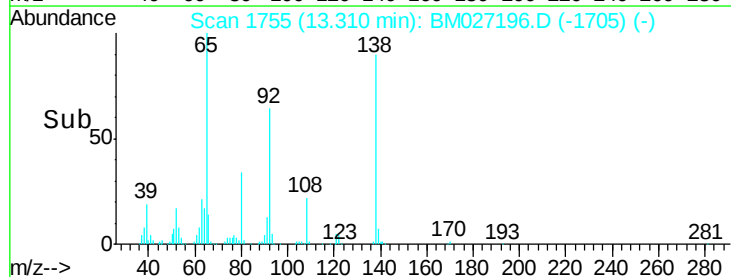
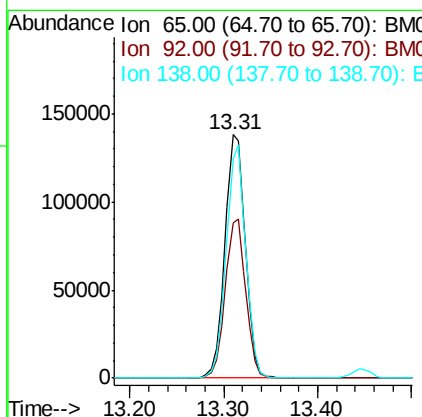
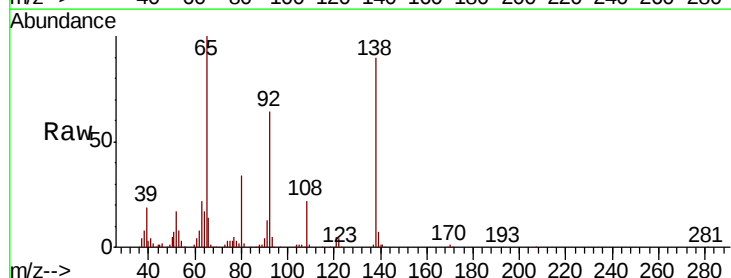
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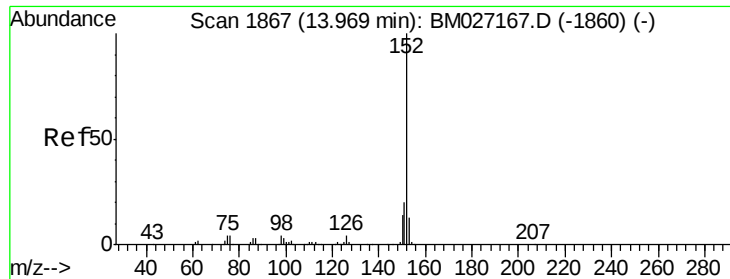
mohammad
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#48
 2-Nitroaniline
 Concen: 37.214 ng
 RT: 13.31 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	50.4	75.6
138	90.2	68.1	102.1





#49

Acenaphthylene

Concen: 41.805 ng

RT: 13.96 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

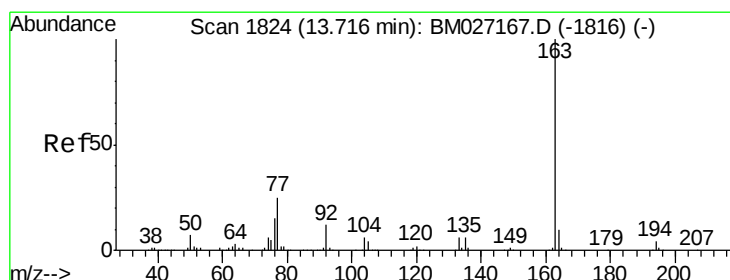
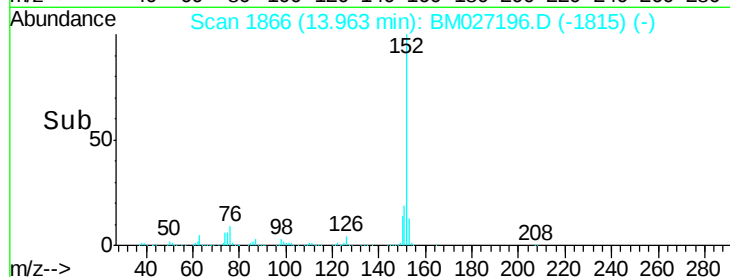
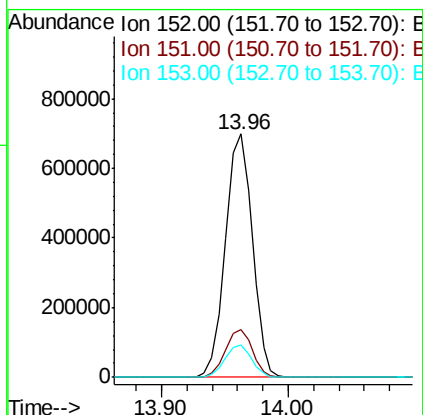
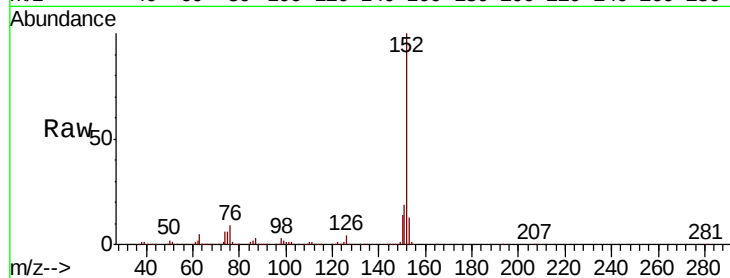
ClientSampleId :

PB131136BSD

Tot Ion:	152	Resp:	1023544
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.1	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.054 ng

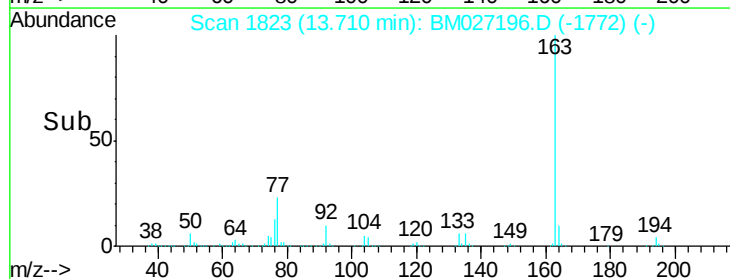
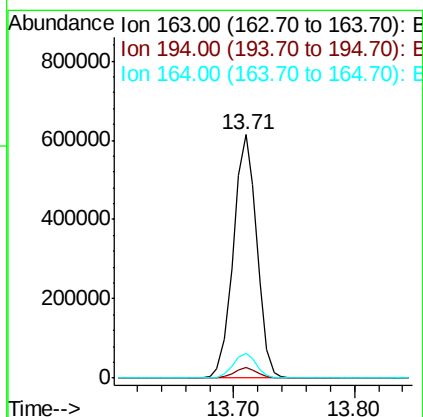
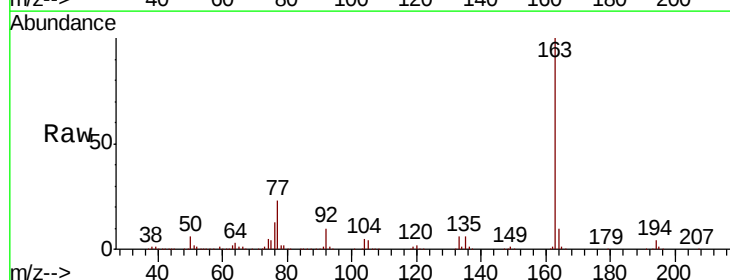
RT: 13.71 min Scan# 1823

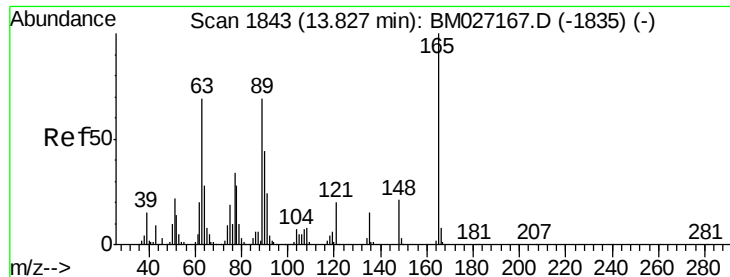
Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	163	Resp:	828799
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.2	12.2





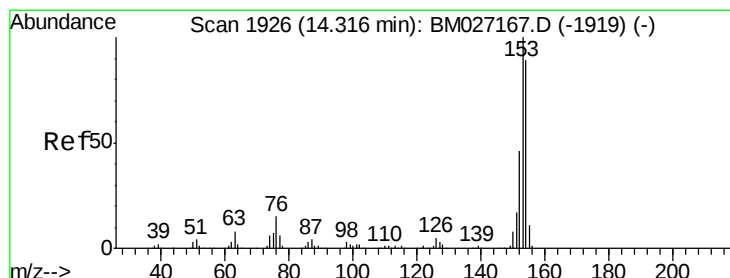
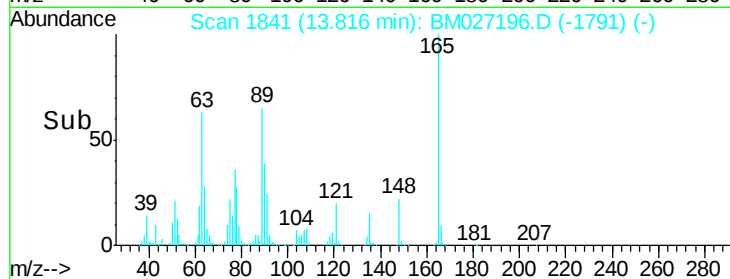
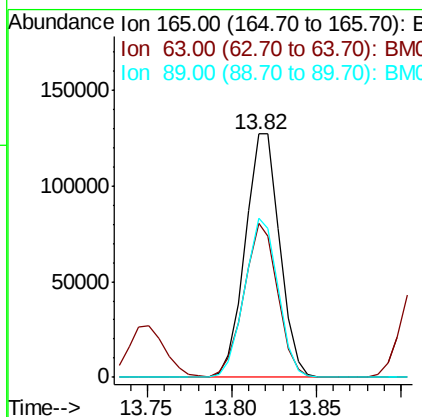
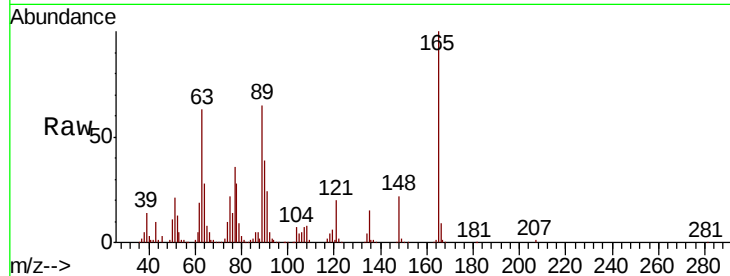
#51
2,6-Dinitrotoluene
Concen: 40.738 ng
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		181185		
63	63.3	56.2	84.4		
89	65.3	55.3	82.9		

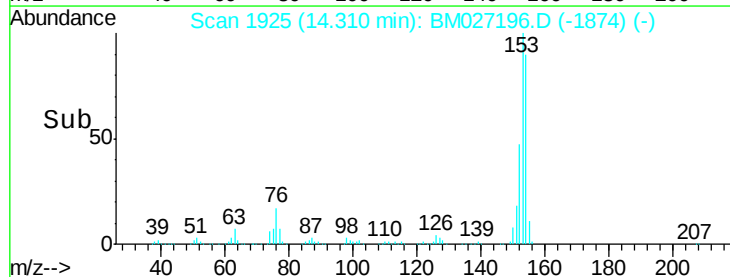
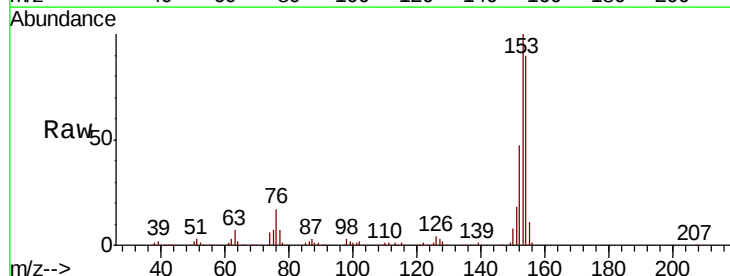
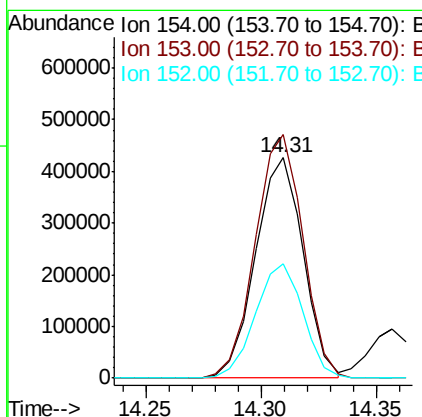
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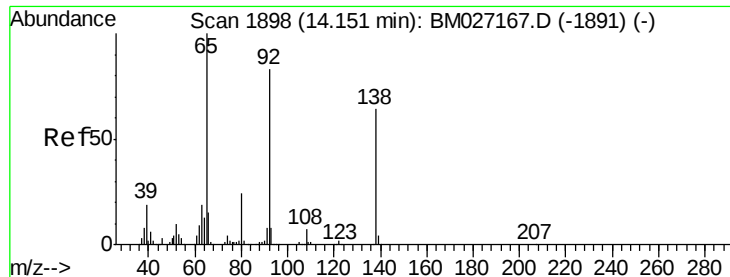
mohammad
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#52
Acenaphthene
Concen: 39.276 ng
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		610442		
153	110.7	90.2	135.4		
152	52.0	41.2	61.8		





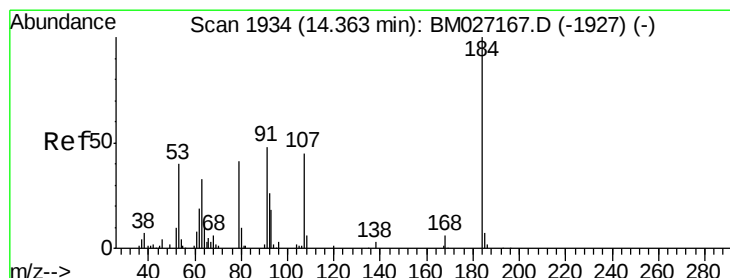
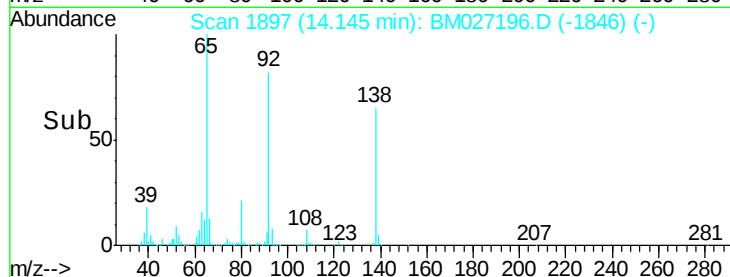
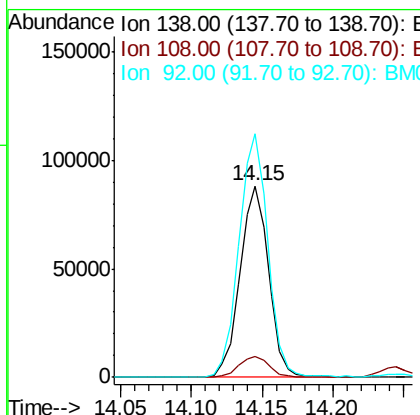
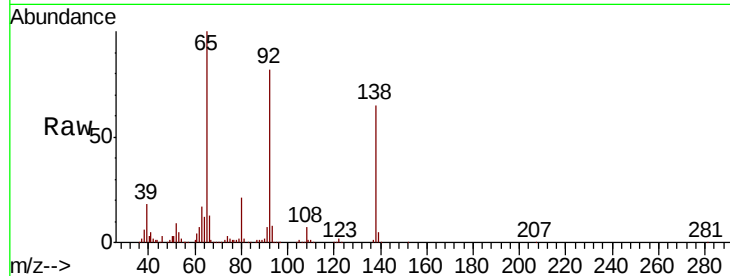
#53
3-Nitroaniline
Concen: 29.212 ng
RT: 14.15 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.3	12.5
92	127.3	103.4	155.2

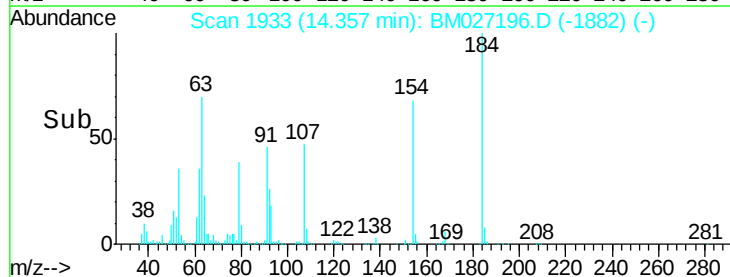
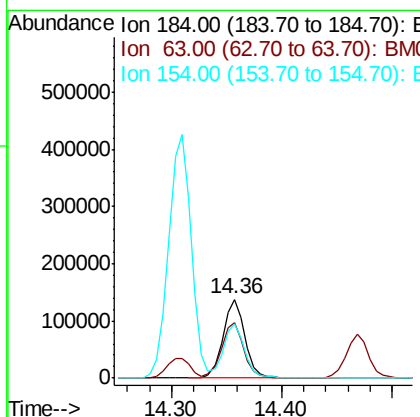
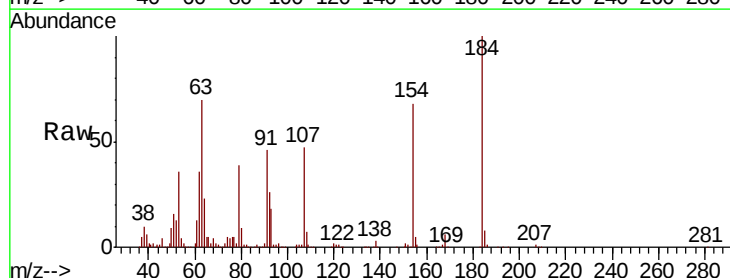
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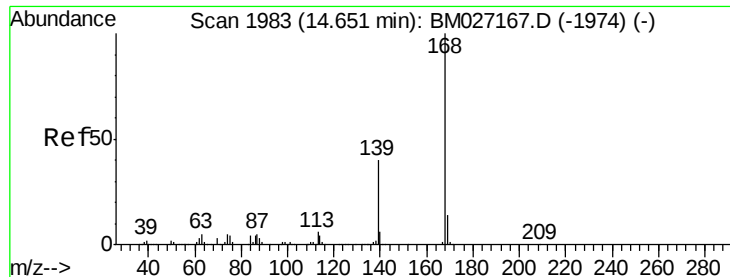
mohammad
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#54
2,4-Dinitrophenol
Concen: 82.574 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.8	62.6	94.0
154	68.3	58.7	88.1





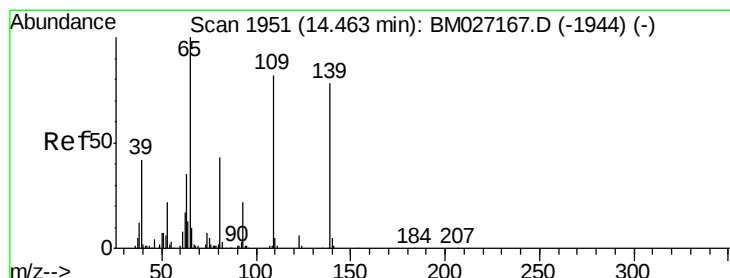
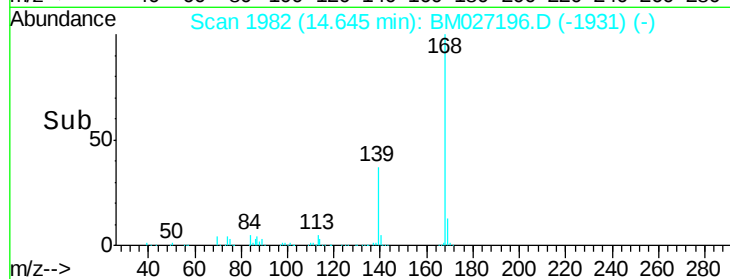
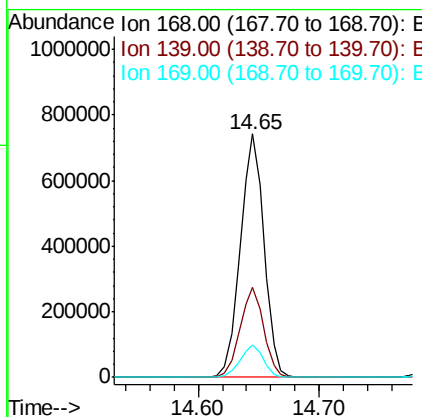
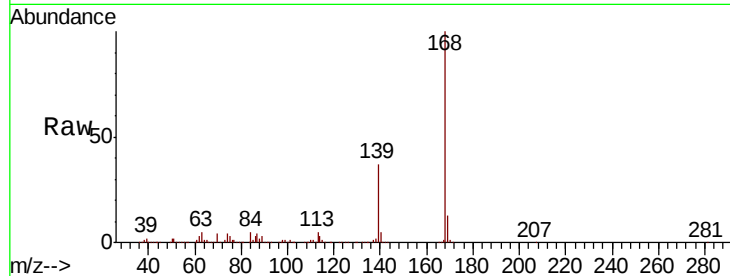
#55
Dibenzofuran
Concen: 39.076 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	32.4	48.6
169	13.3	10.9	16.3

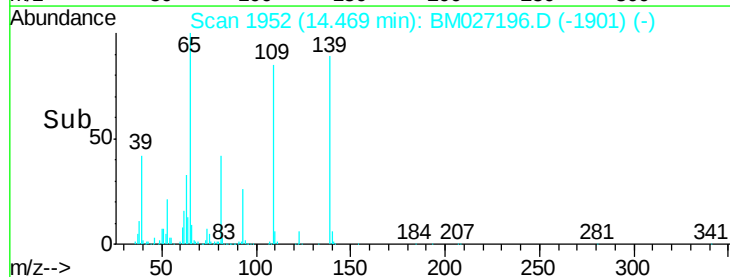
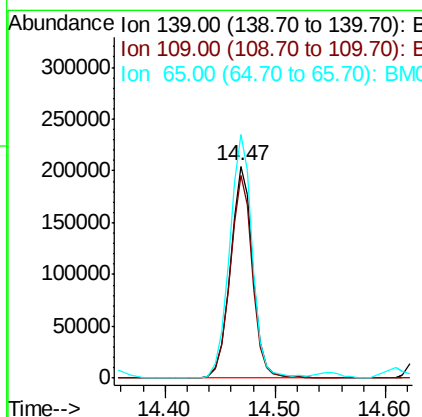
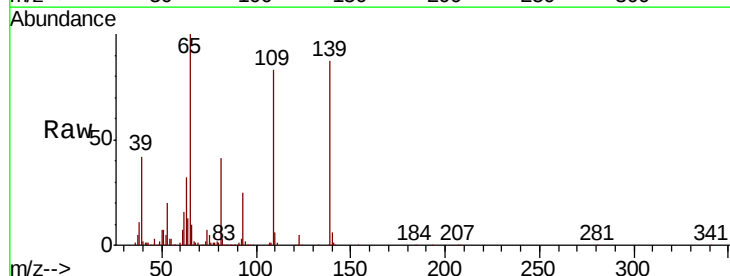
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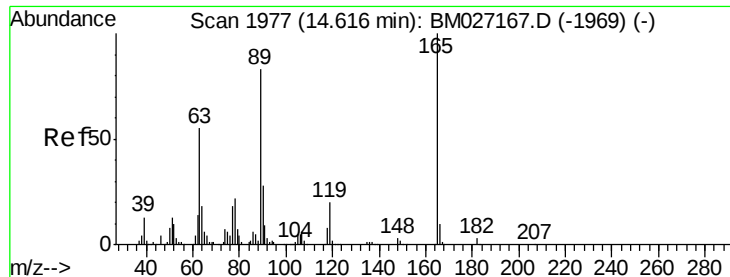
mohammad
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#56
4-Nitrophenol
Concen: 85.097 ng
RT: 14.47 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.6	85.4	125.4
65	115.0	108.7	148.7





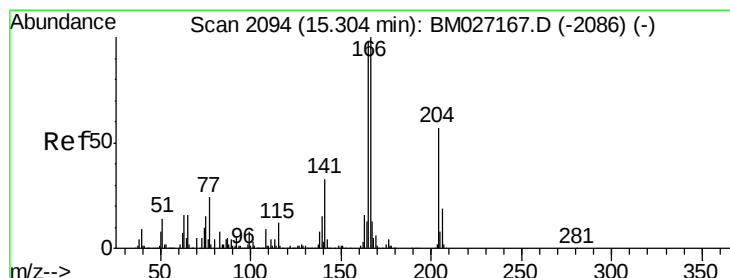
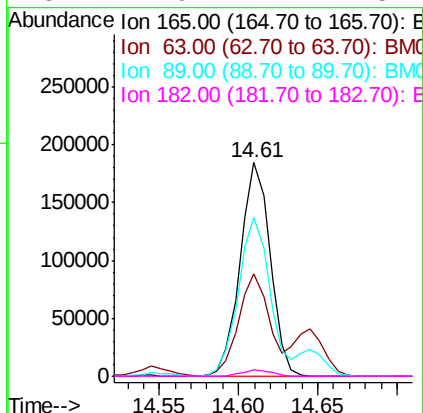
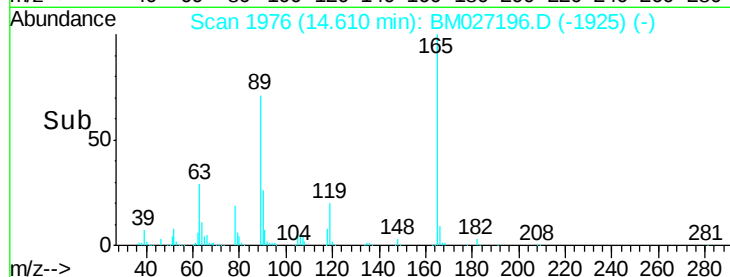
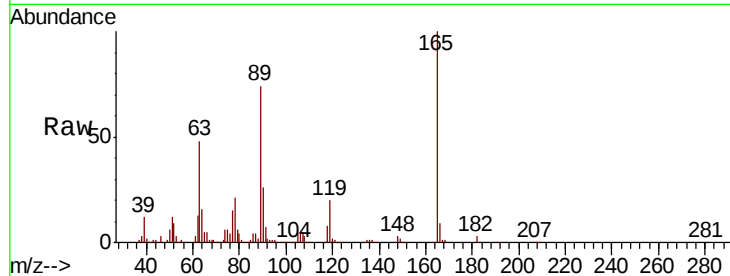
#57
2,4-Dinitrotoluene
Concen: 39.484 ng
RT: 14.61 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		243968		
63	47.9		43.8	65.6	
89	74.3		66.2	99.2	
182	2.9		2.1	3.1	

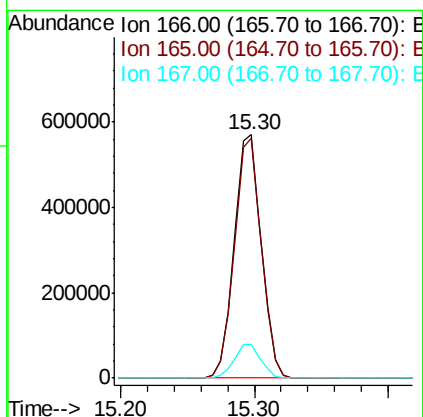
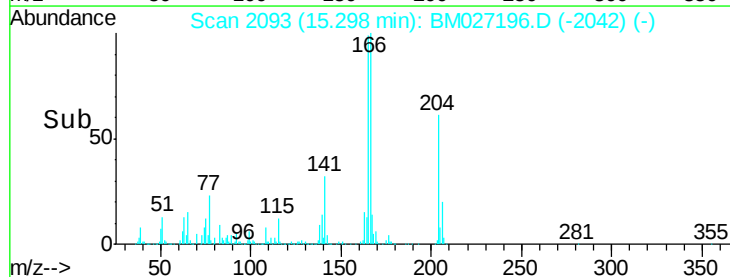
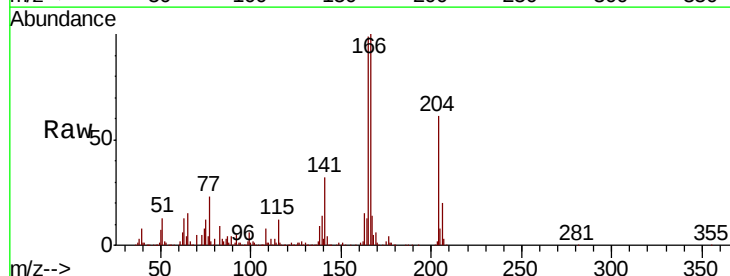
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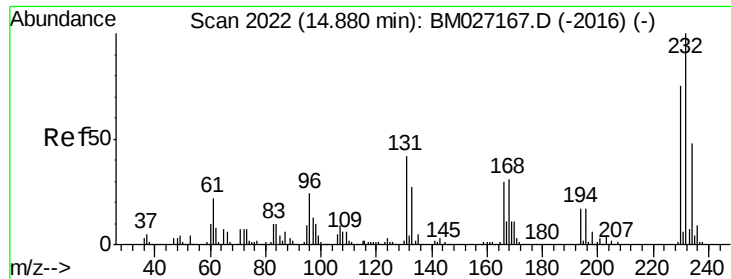
mohammad
8/25/2020 4:18:18 PM



#58
Fluorene
Concen: 37.662 ng
RT: 15.30 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		805021		
165	98.7		78.3	117.5	
167	13.7		10.7	16.1	





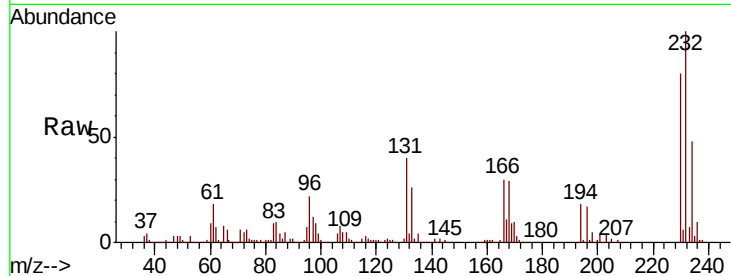
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.402 ng
 RT: 14.87 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

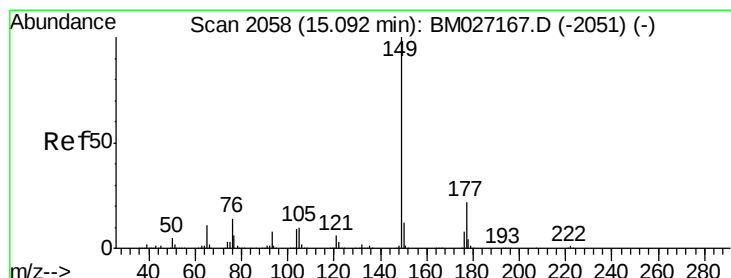
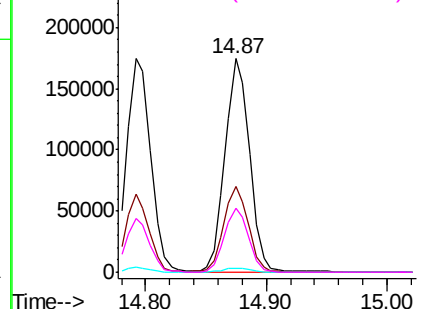
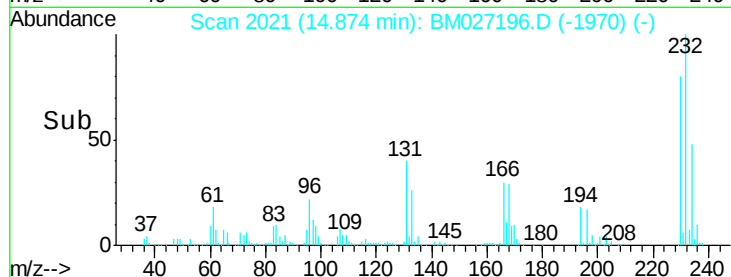
Tot Ion	Ratio	Resp	Lower	Upper
232	100	245205		
131	39.7	34.0	51.0	
130	2.1	2.1	3.1	
166	29.6	25.0	37.4	

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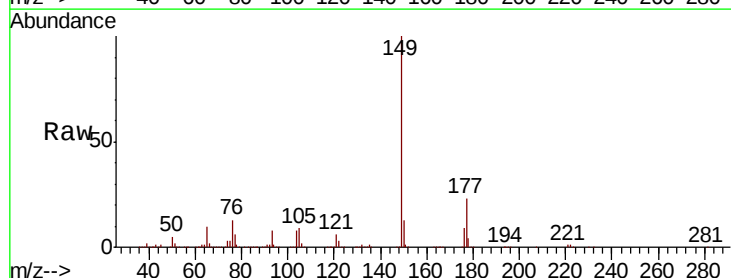


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

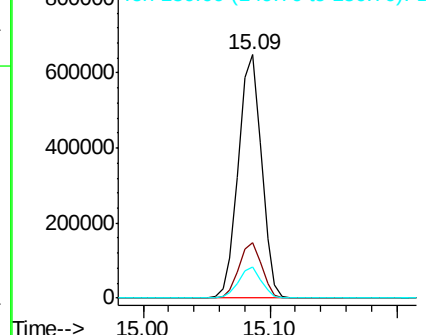
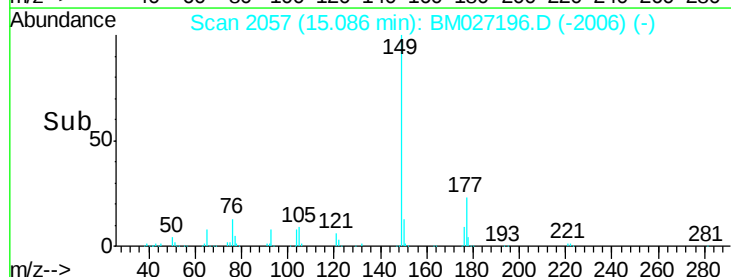


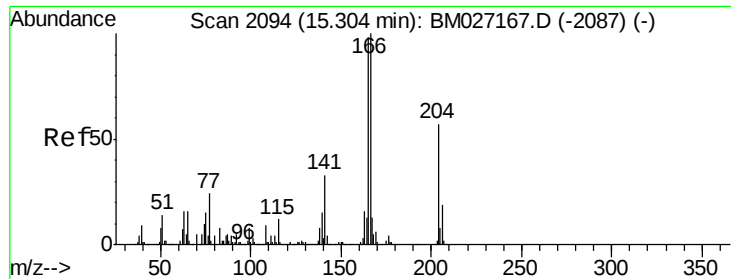
#60
 Diethylphthalate
 Concen: 36.730 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	815028		
177	23.0	17.5	26.3	
150	12.6	9.8	14.8	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





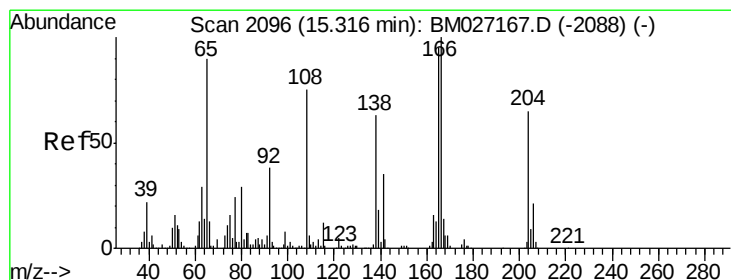
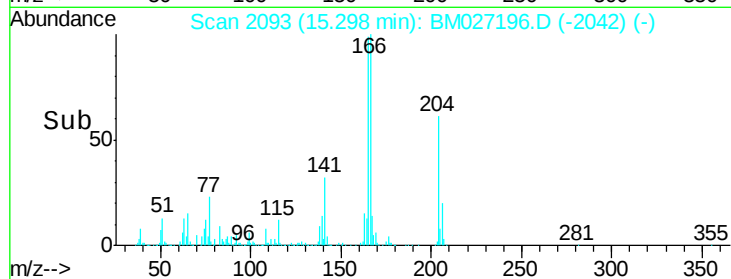
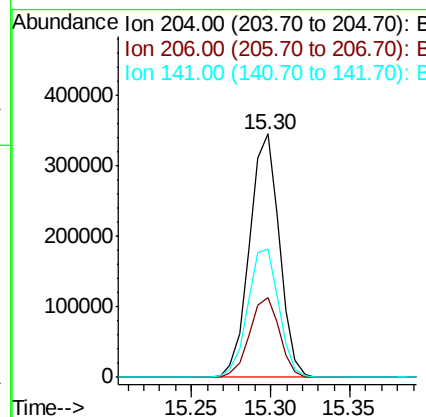
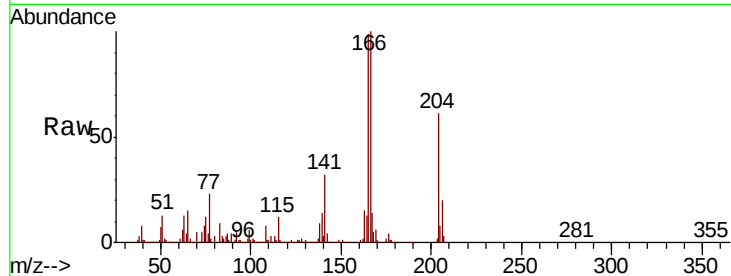
#61
4-Chlorophenyl-phenylether
Concen: 36.776 ng
RT: 15.30 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.9	26.2	39.2	
141	52.9	46.2	69.4	

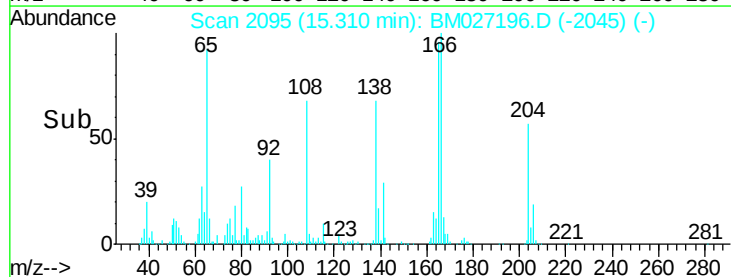
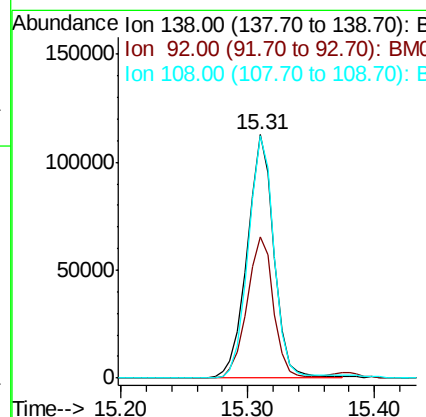
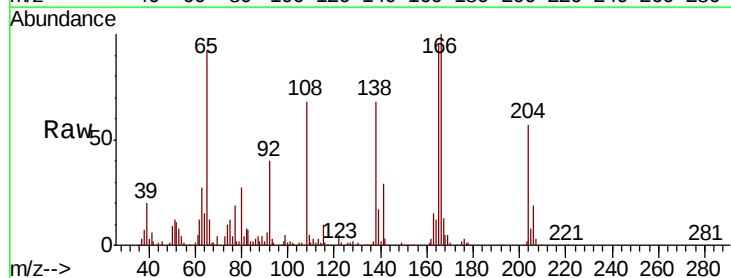
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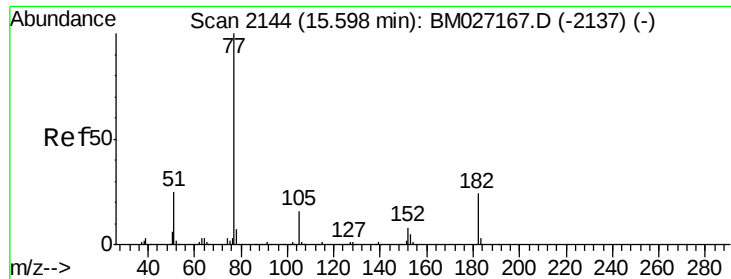
mohammad
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#62
4-Nitroaniline
Concen: 34.387 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	58.2	40.0	80.0	
108	99.4	100.6	140.6	





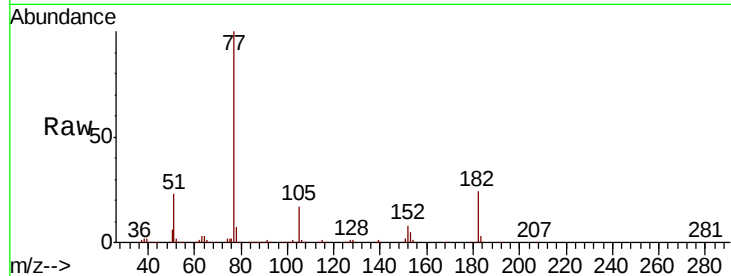
#63
Azobenzene
Concen: 36.787 ng
RT: 15.59 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

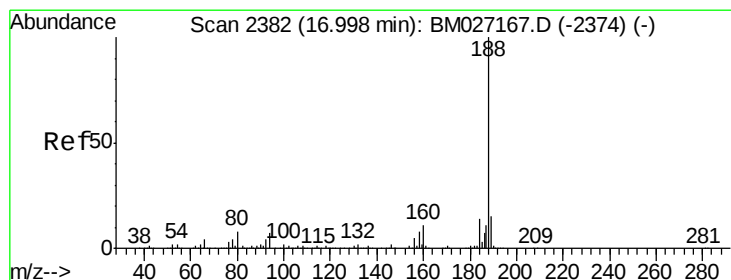
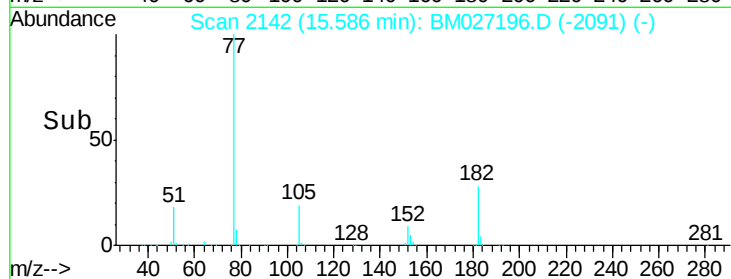
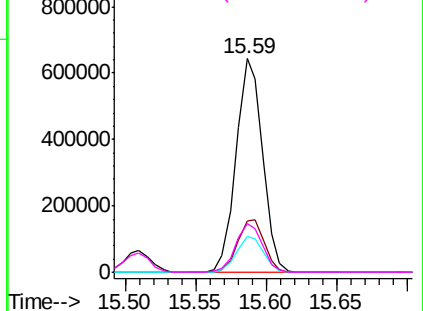
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.0	44.0
105	16.8	0.0	36.0
51	22.9	5.0	45.0

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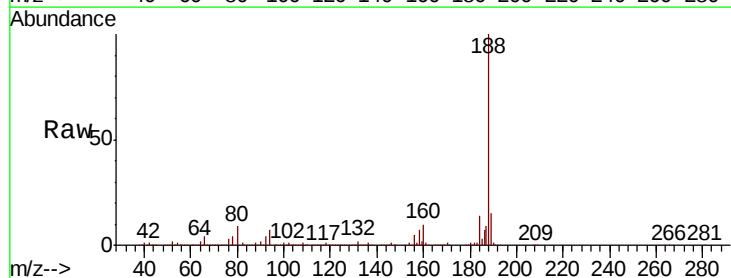


Abundance Ion 77.00 (76.70 to 77.70): BM027196.D (-2091) (-)
Ion 182.00 (181.70 to 182.70): BM027196.D (-2091) (-)
Ion 105.00 (104.70 to 105.70): BM027196.D (-2091) (-)
Ion 51.00 (50.70 to 51.70): BM027196.D (-2091) (-)

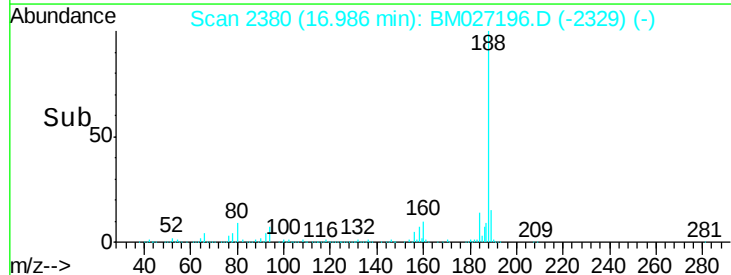
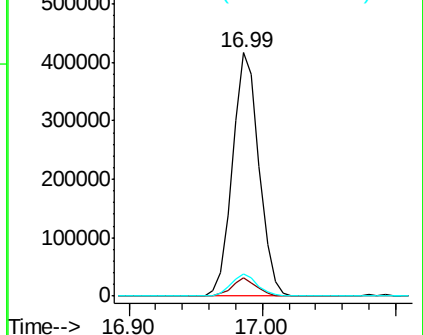


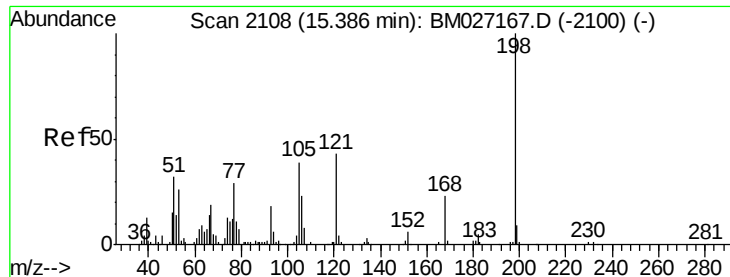
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	9.3	6.2	9.4



Abundance Ion 188.00 (187.70 to 188.70): BM027196.D (-2329) (-)
Ion 94.00 (93.70 to 94.70): BM027196.D (-2329) (-)
Ion 80.00 (79.70 to 80.70): BM027196.D (-2329) (-)





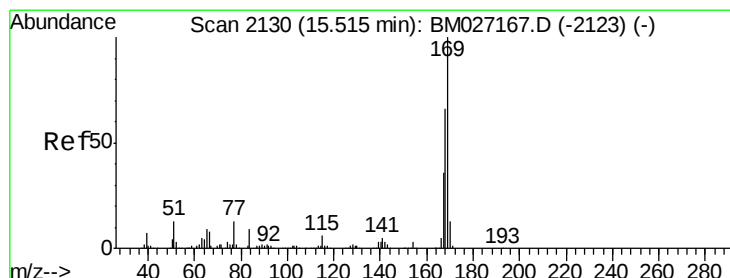
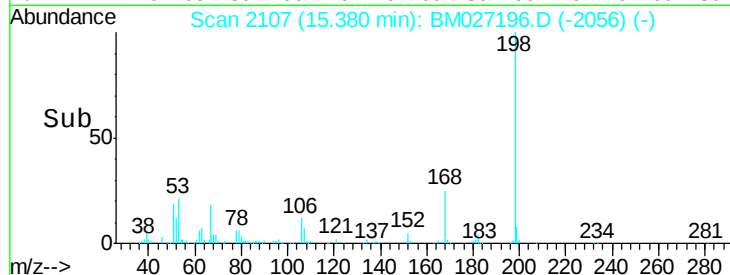
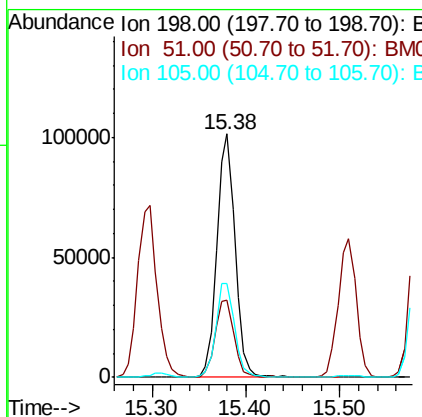
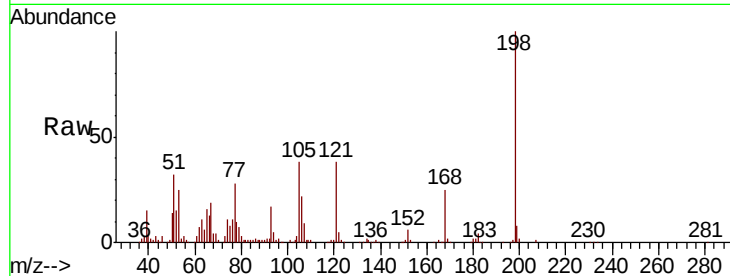
#65
4,6-Dinitro-2-methylphenol
Concen: 48.944 ng
RT: 15.38 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138135		
51	31.6	12.1	52.1	
105	38.5	18.9	58.9	

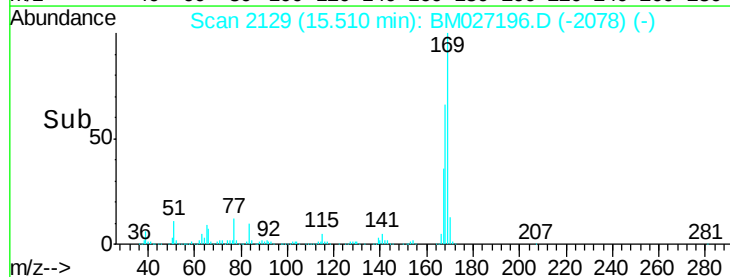
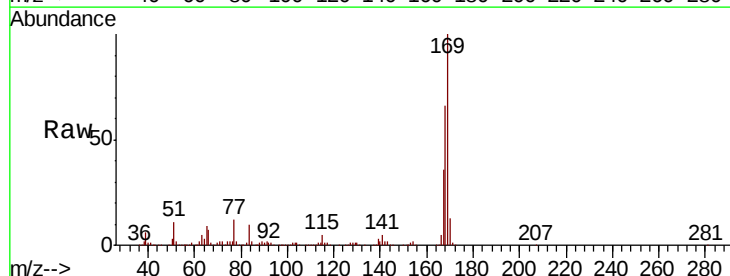
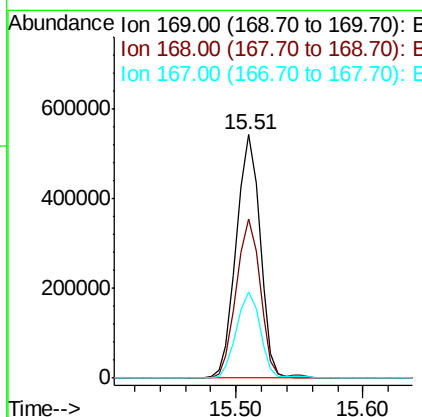
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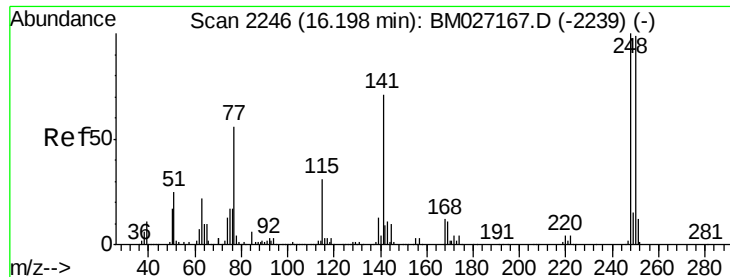
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#66
n-Nitrosodiphenylamine
Concen: 43.202 ng
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	705127		
168	65.6	52.9	79.3	
167	35.5	28.5	42.7	





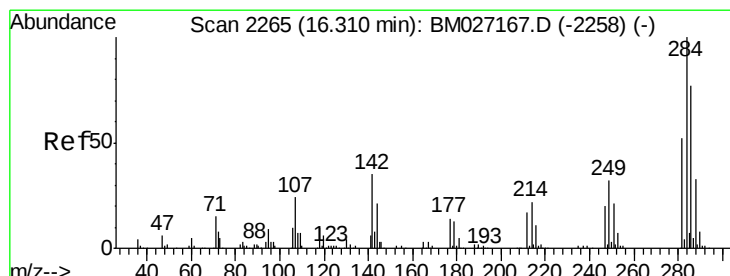
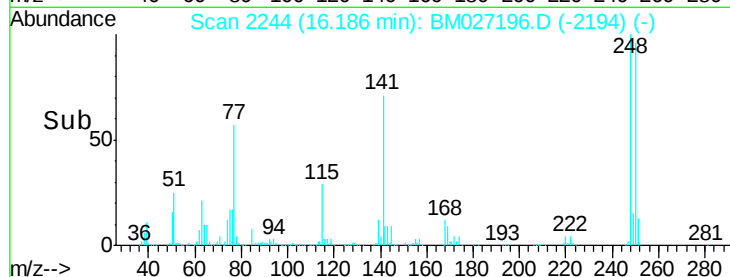
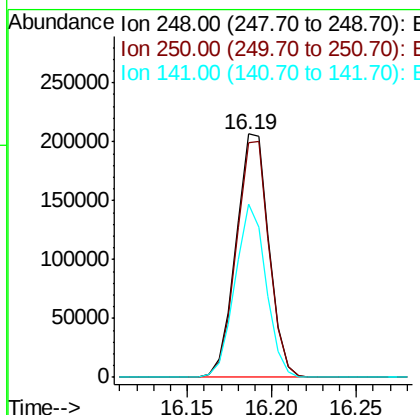
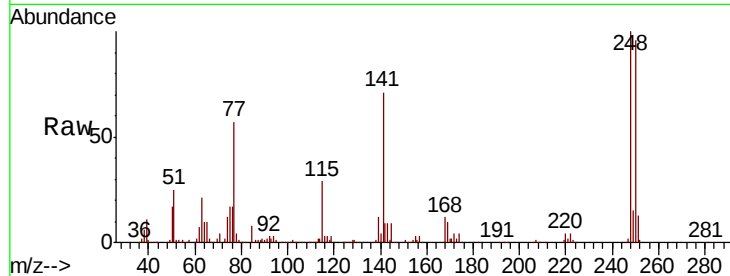
#67
4-Bromophenyl-phenylether
Concen: 40.196 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	79.1	118.7
141	71.2	56.9	85.3

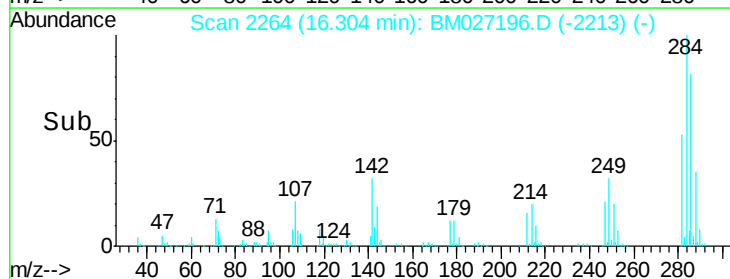
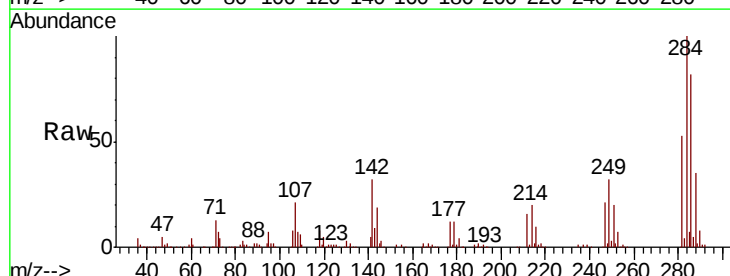
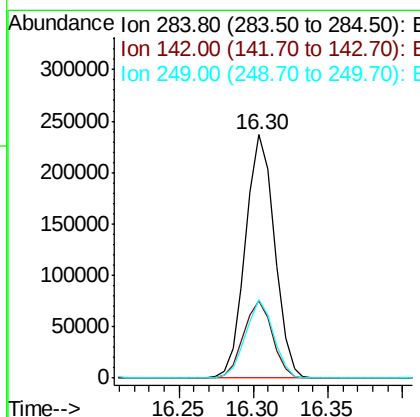
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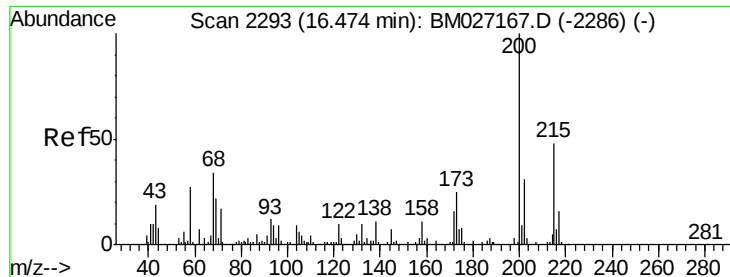
mohammad
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#68
Hexachlorobenzene
Concen: 38.743 ng
RT: 16.30 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	27.8	41.6
249	32.1	25.6	38.4





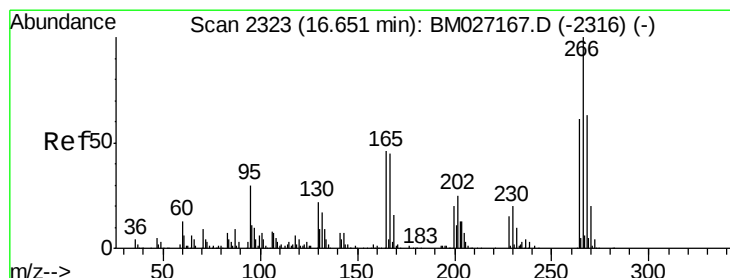
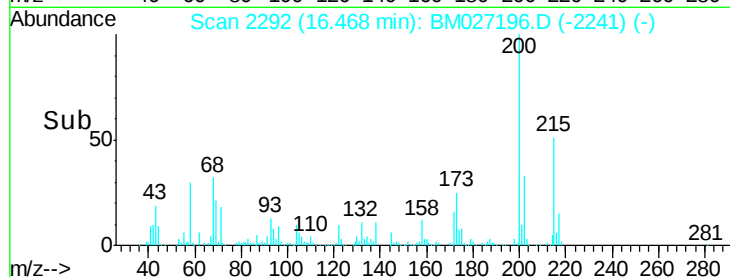
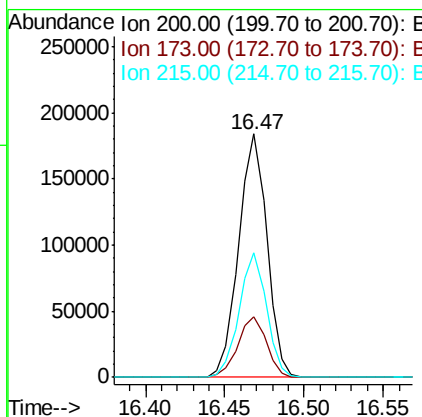
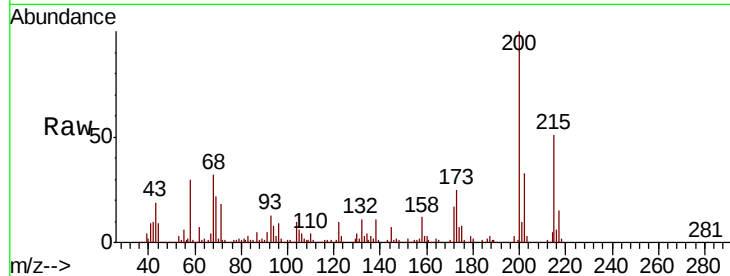
#69
Atrazine
Concen: 36.788 ng
RT: 16.47 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	4.6	44.6
215	50.9	28.5	68.5

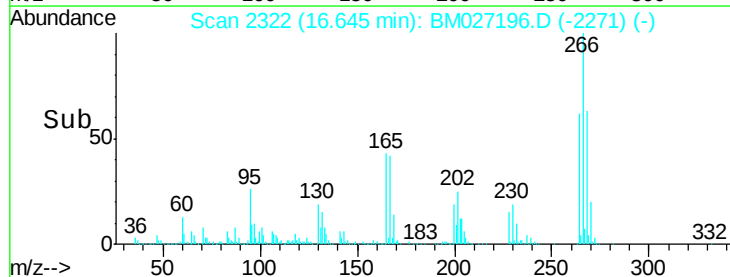
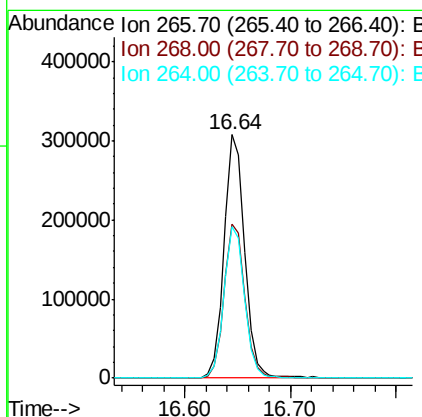
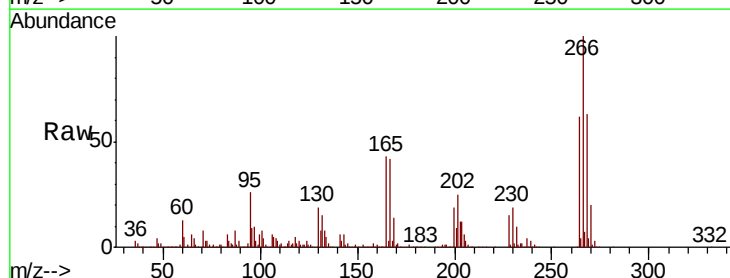
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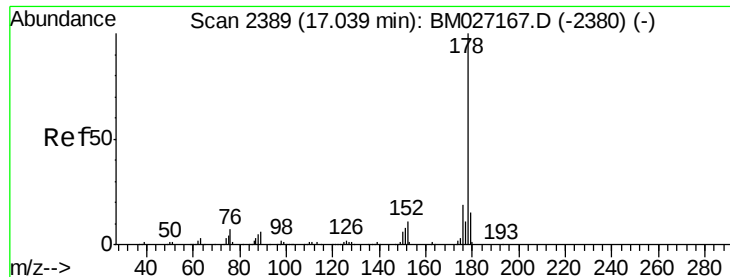
mohammad
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#70
Pentachlorophenol
Concen: 93.390 ng
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	50.2	75.2
264	62.1	49.1	73.7





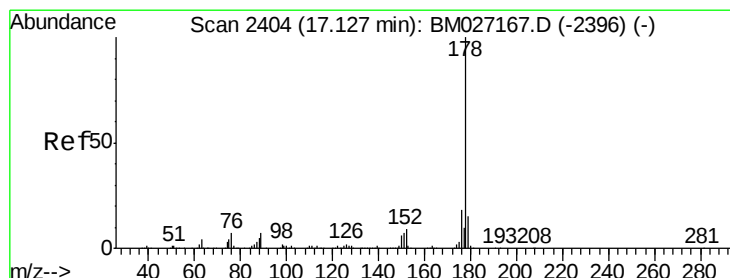
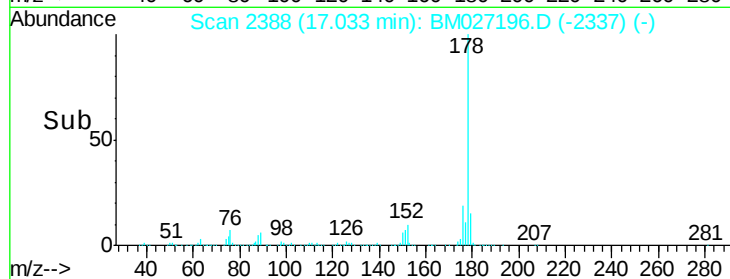
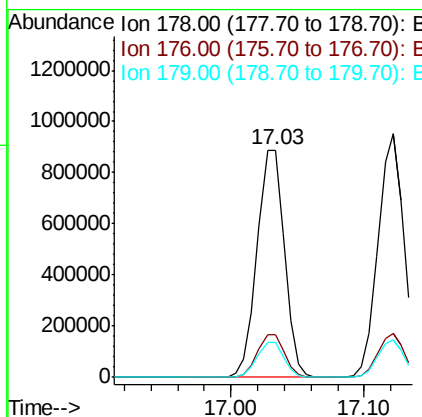
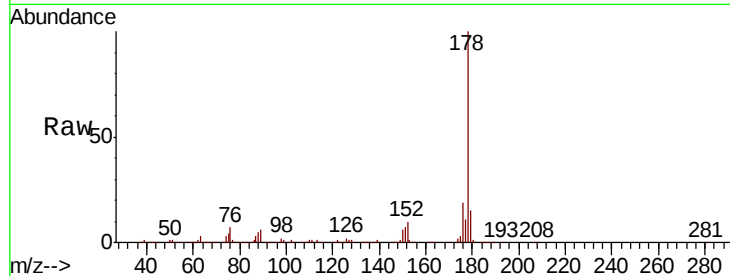
#71
Phenanthrene
Concen: 39.248 ng
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.0	18.0

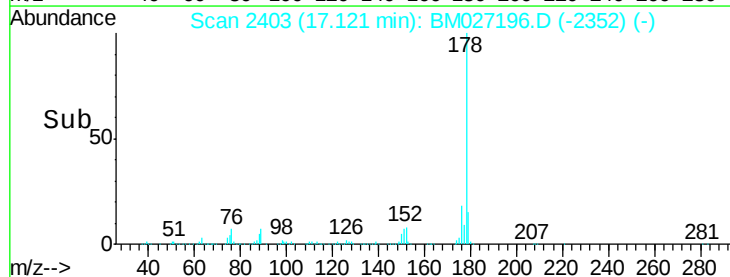
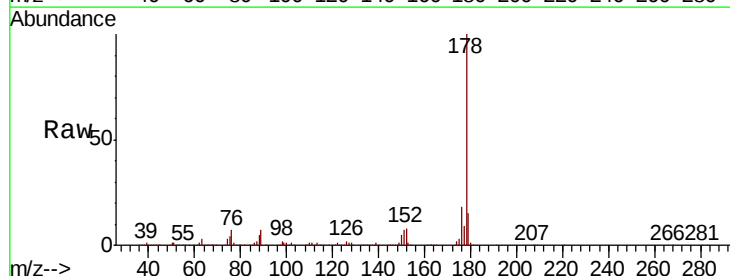
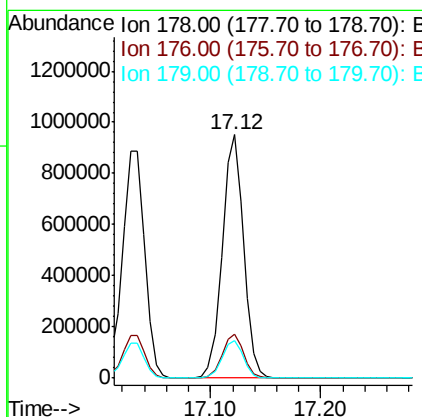
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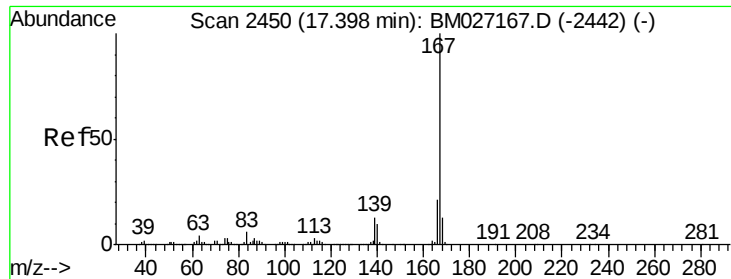
mohammad
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#72
Anthracene
Concen: 41.907 ng
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.2	11.9	17.9





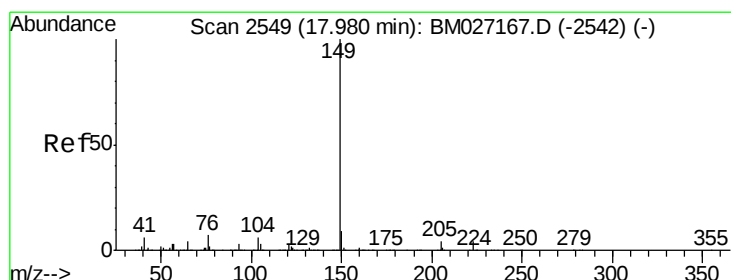
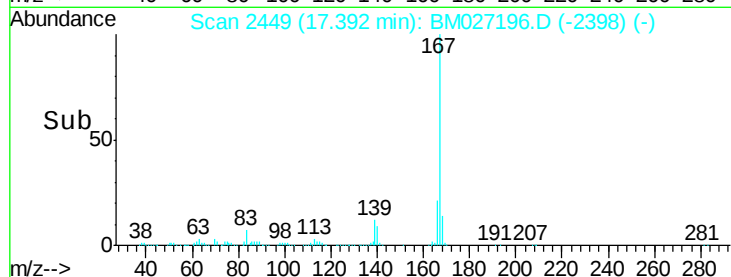
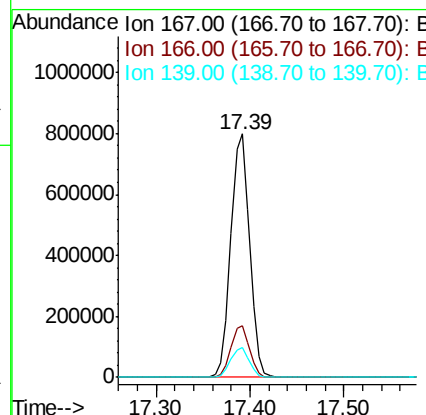
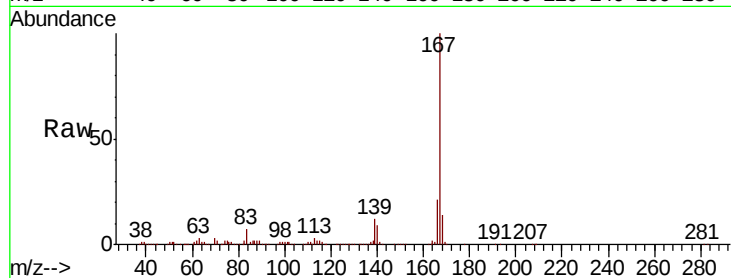
#73
 Carbazole
 Concen: 39.685 ng
 RT: 17.39 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.6	24.8
139	12.2	10.2	15.2

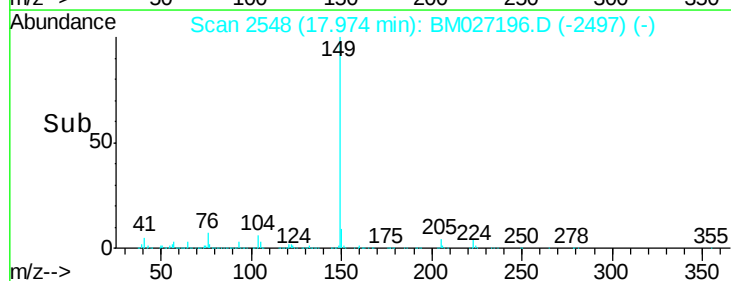
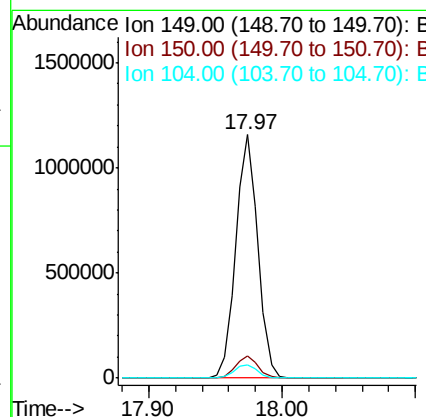
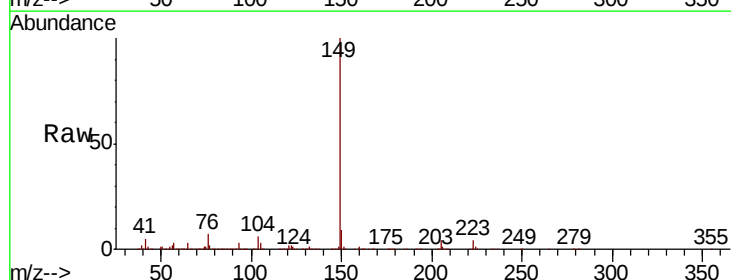
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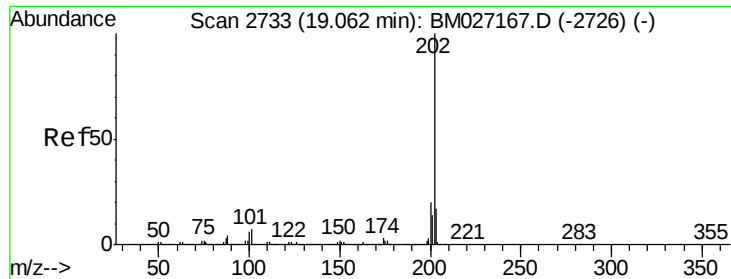
mohammad
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#74
 Di-n-butylphthalate
 Concen: 41.120 ng
 RT: 17.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.6	5.2	7.8





#75

Fluoranthene

Concen: 37.322 ng

RT: 19.05 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

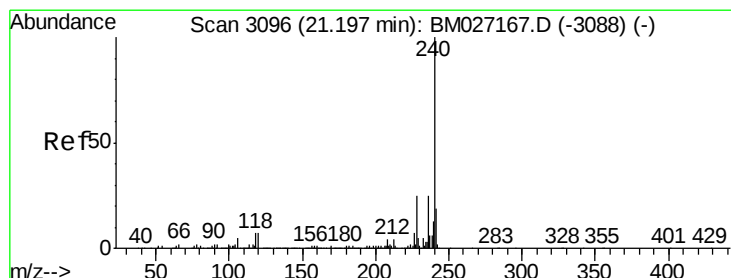
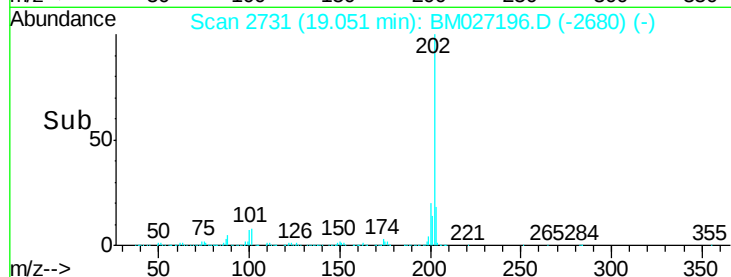
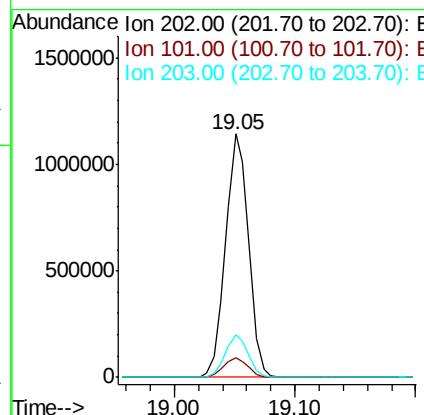
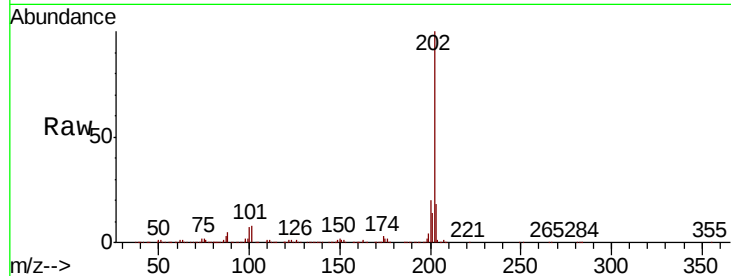
ClientSampleId :

PB131136BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	27.2
203	17.6	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

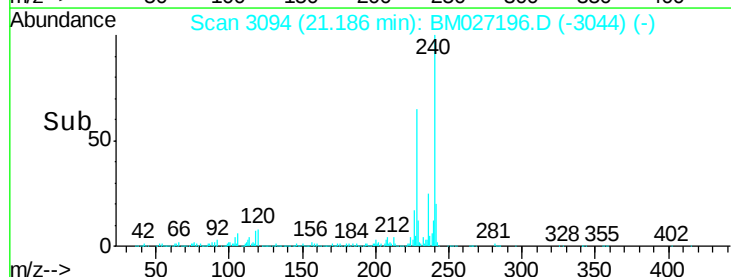
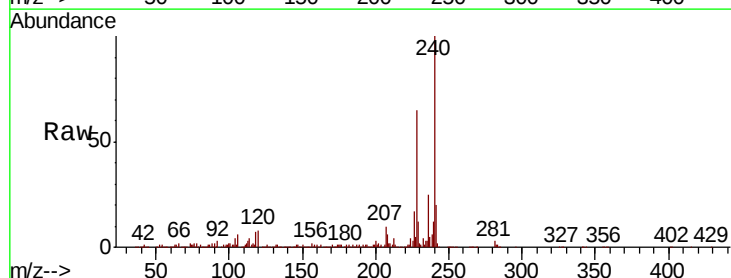
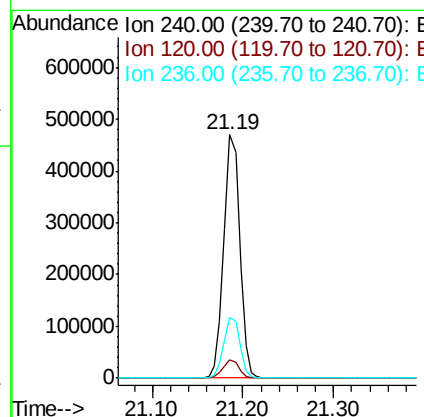
RT: 21.19 min Scan# 3094

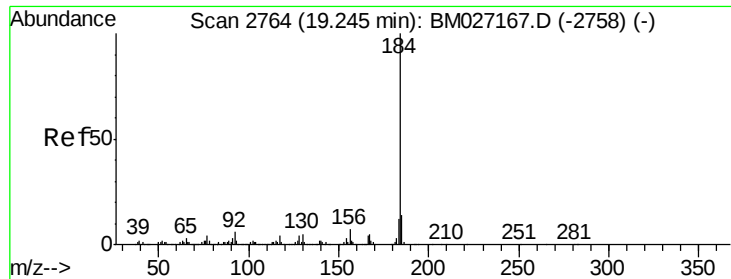
Delta R.T. -0.01 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.6	8.4
236	24.6	19.8	29.6





#77

Benzidine

Concen: 96.312 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

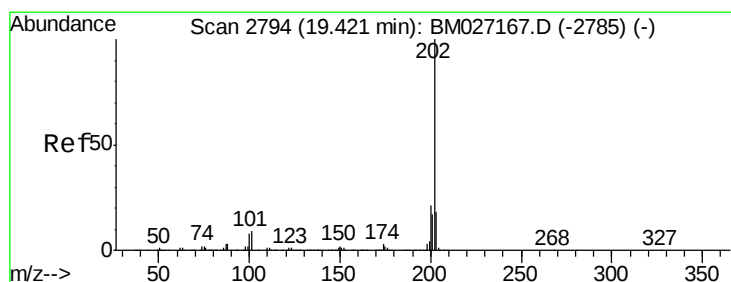
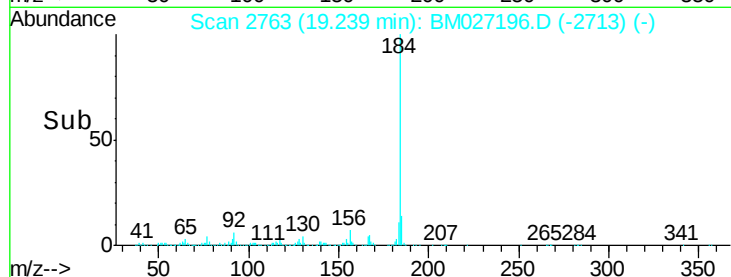
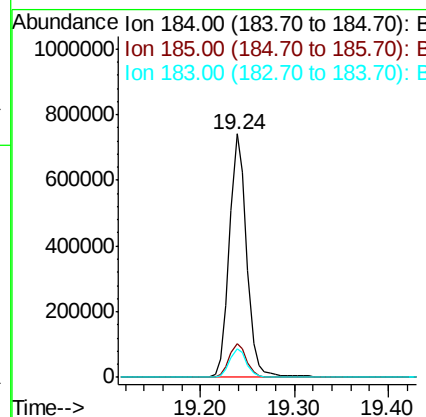
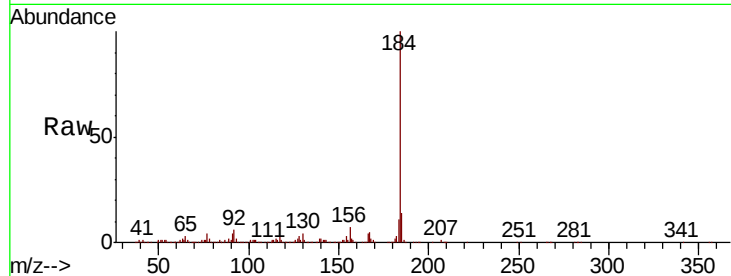
ClientSampleId :

PB131136BSD

Tot Ion:	184	Resp:	955431
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.5	17.3
183	11.5	9.4	14.0

Manual Integrations
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#78

Pyrene

Concen: 43.307 ng

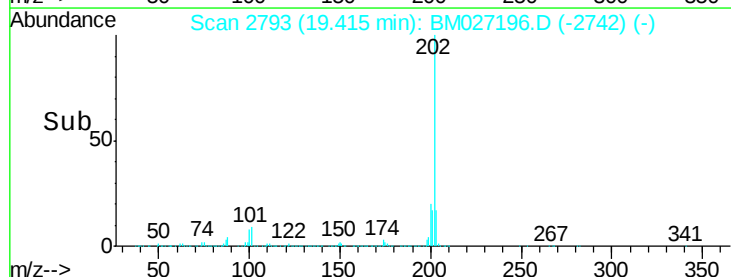
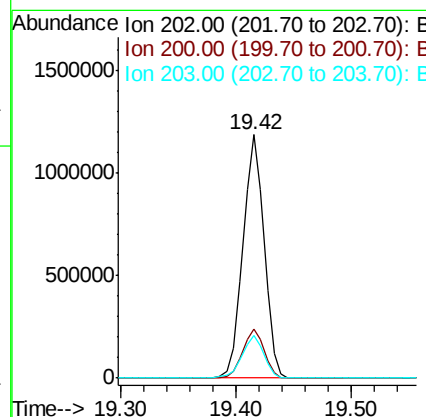
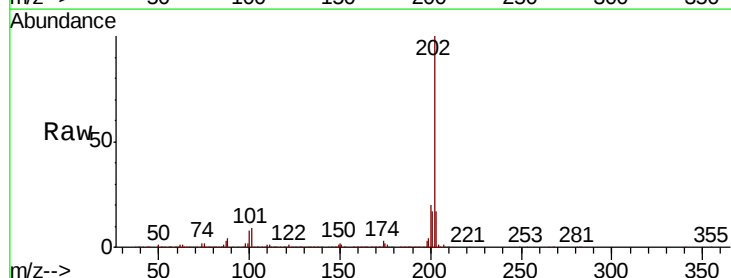
RT: 19.42 min Scan# 2793

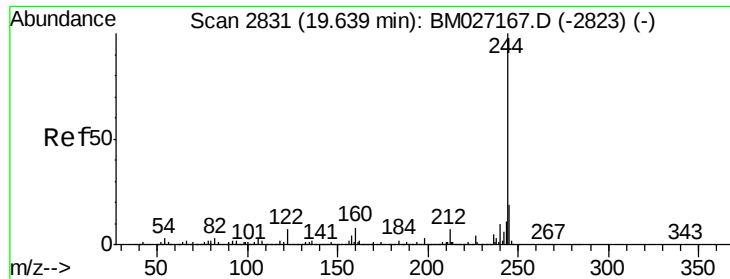
Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Tgt Ion:	202	Resp:	1507075
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.6	25.0
203	17.5	14.0	21.0





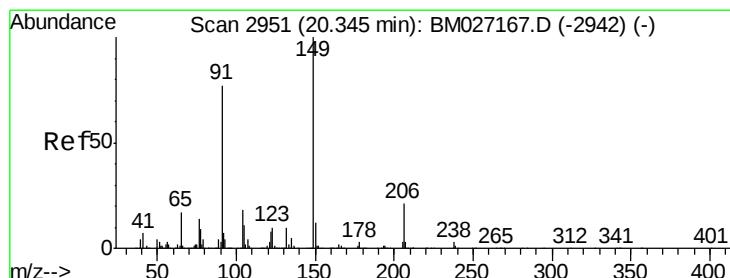
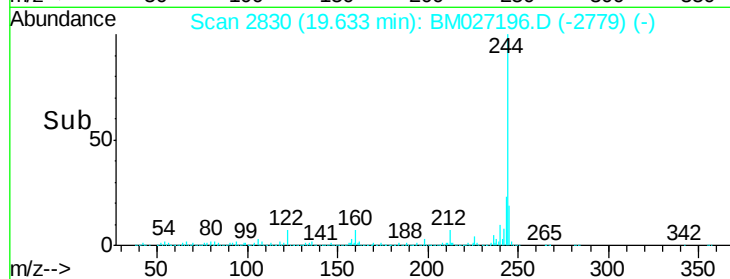
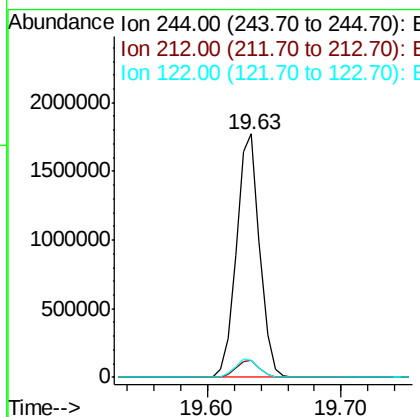
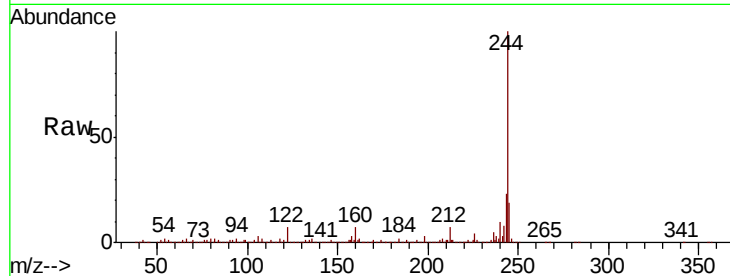
#79
 Terphenyl-d14
 Concen: 69.438 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	7.0	5.8	8.8

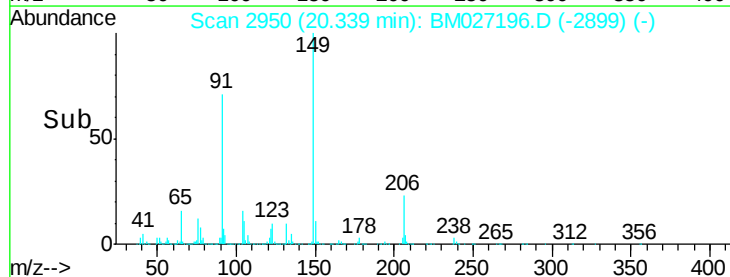
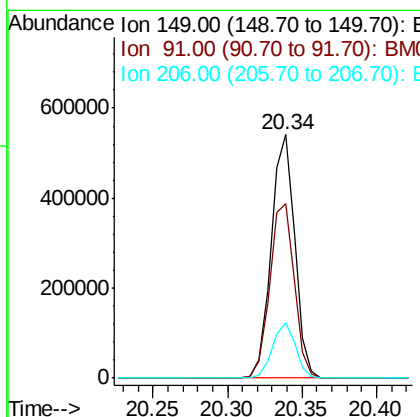
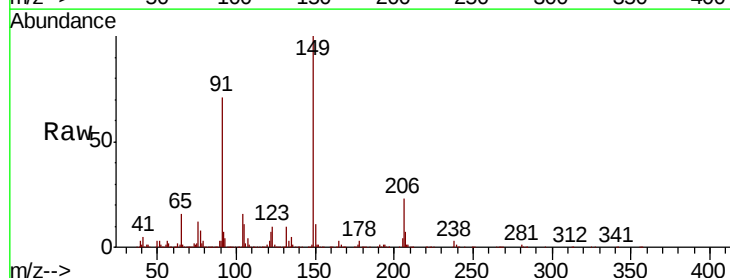
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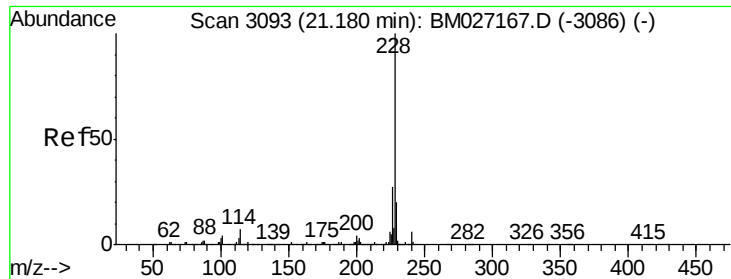
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#80
 Butylbenzylphthalate
 Concen: 46.394 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	61.7	92.5
206	22.8	16.6	24.8





#81

Benzo(a)anthracene

Concen: 40.350 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

Instrument :

BNA_M

ClientSampleId :

PB131136BSD

Tot Ion:228 Resp: 1495349

Ion Ratio Lower Upper

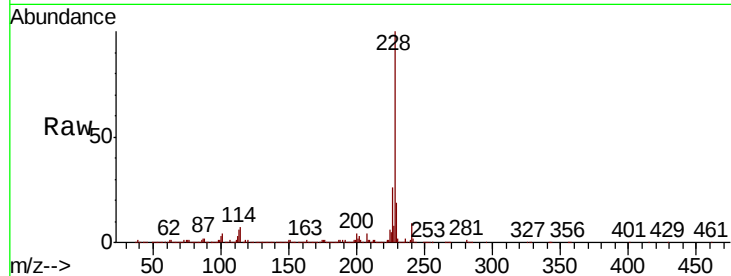
228 100

226 26.4 21.4 32.2

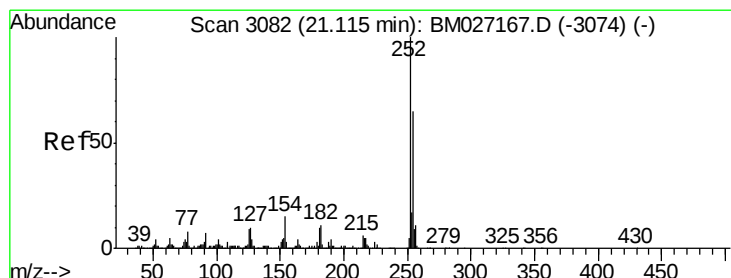
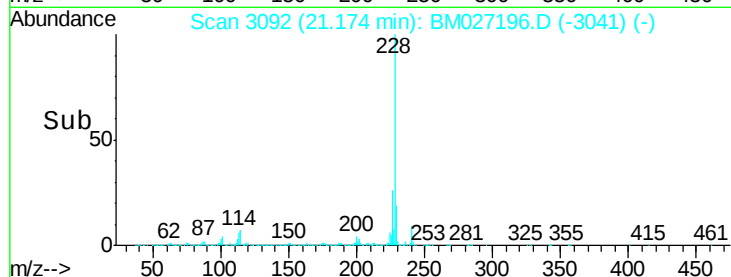
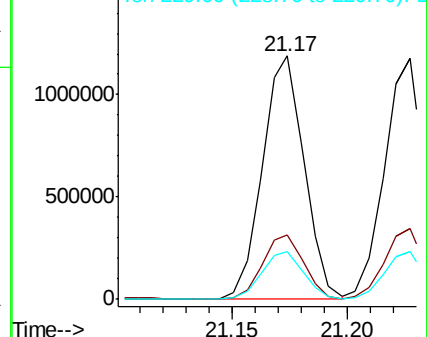
229 19.5 15.8 23.6

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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: 40.484 ng

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027196.D

Acq: 24 Aug 2020 16:20

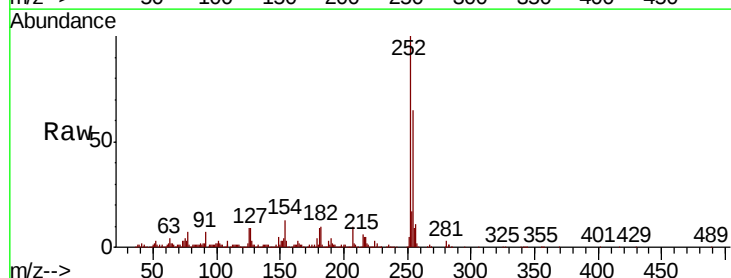
Tgt Ion:252 Resp: 522853

Ion Ratio Lower Upper

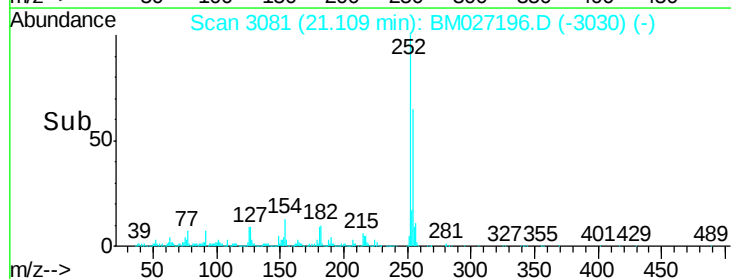
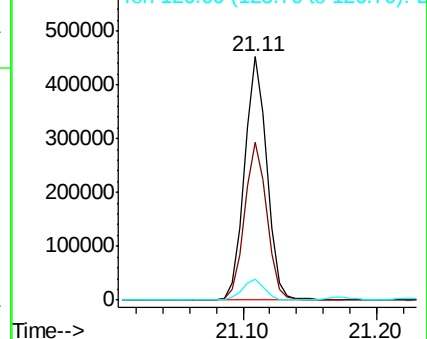
252 100

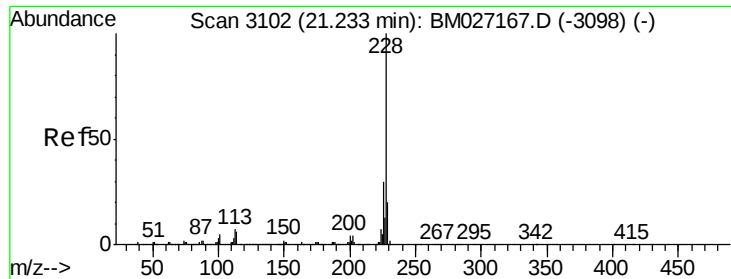
254 64.6 52.3 78.5

126 8.6 7.1 10.7



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





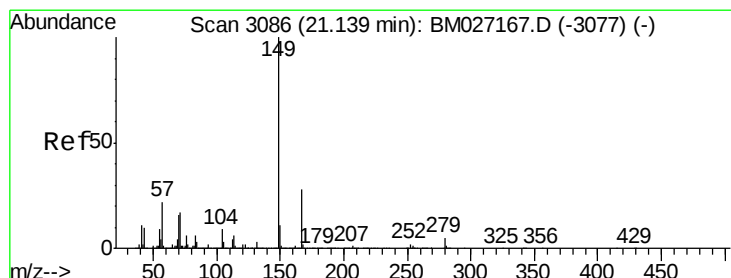
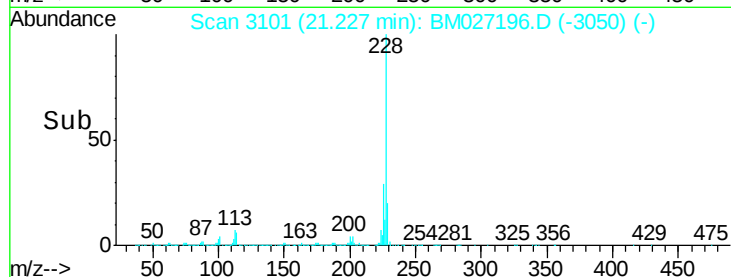
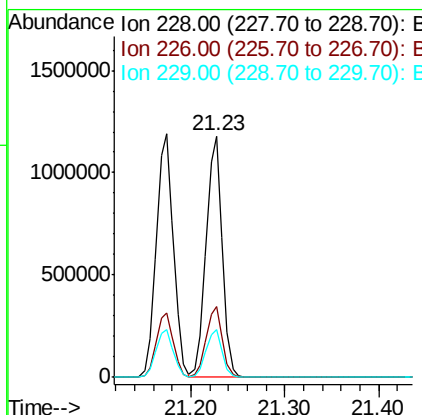
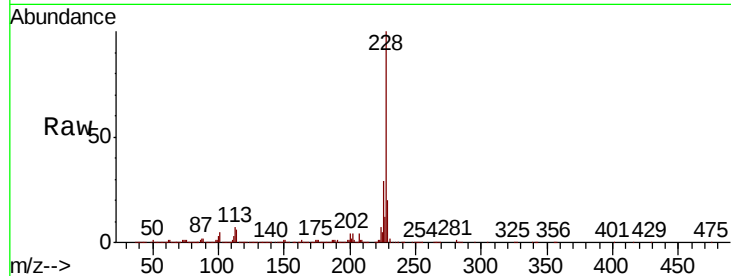
#83
 Chrvsene
 Concen: 39.592 ng
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

Tot Ion:228 Resp: 1425005
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.7 35.5
 229 19.8 15.8 23.8

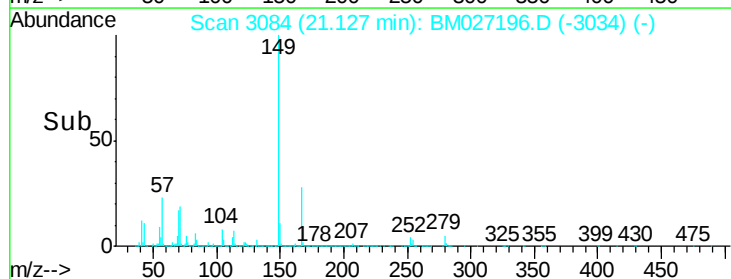
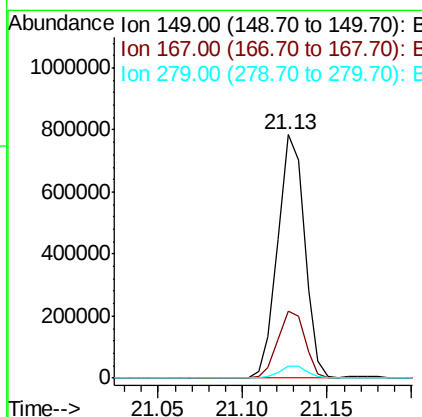
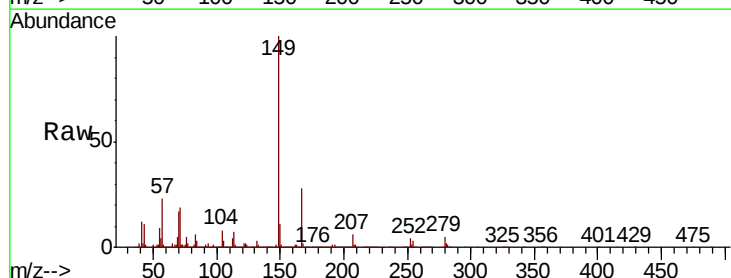
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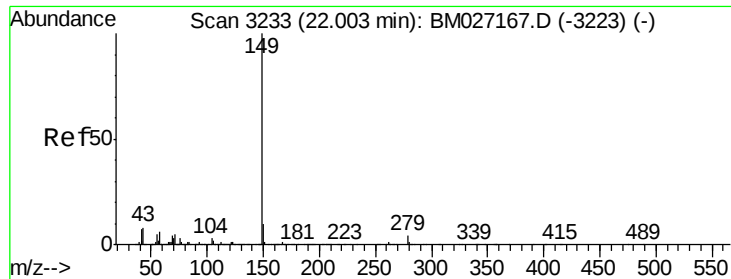
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.478 ng
 RT: 21.13 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Tgt Ion:149 Resp: 859503
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 4.7 4.2 6.4





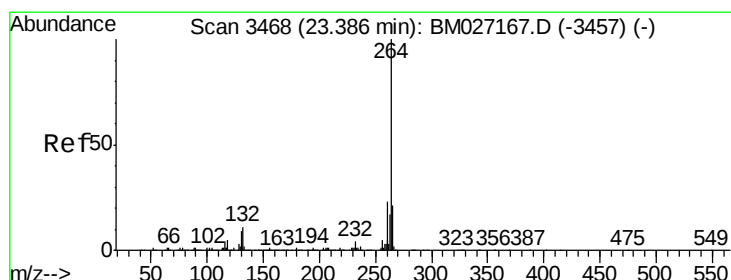
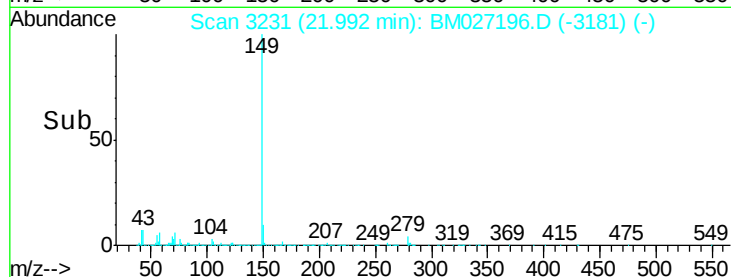
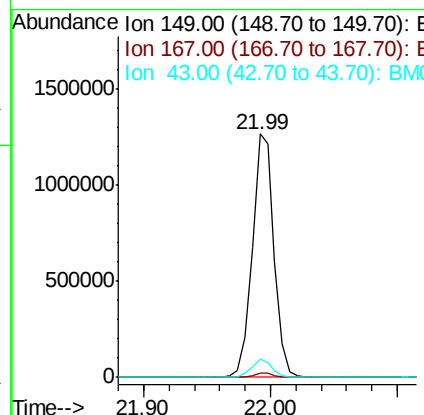
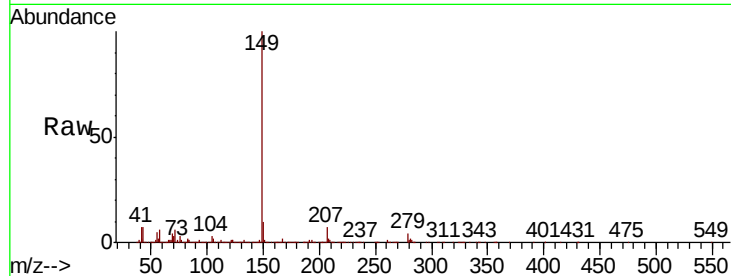
#85
Di-n-octyl phthalate
Concen: 49.649 ng
RT: 21.99 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	6.1	9.1

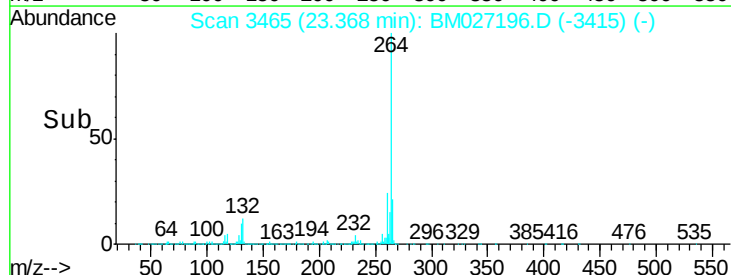
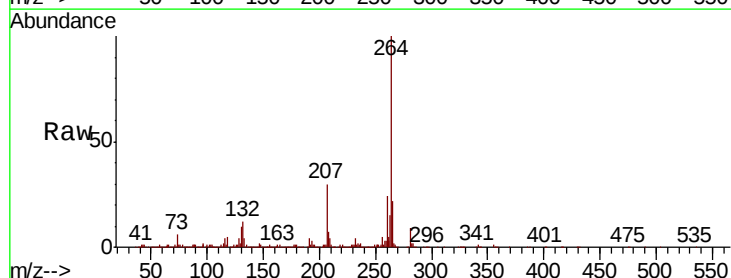
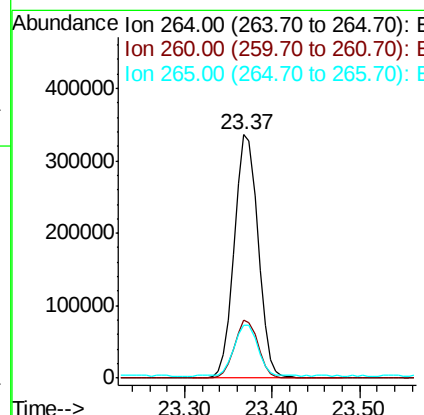
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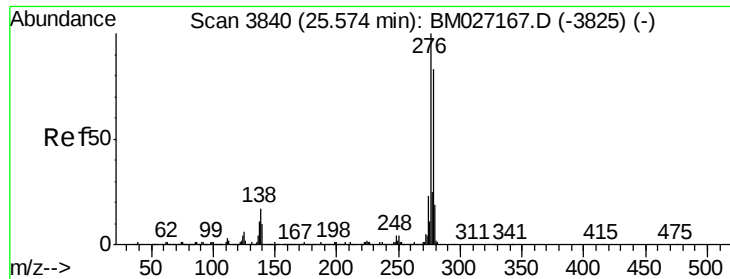
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.9	17.5	26.3





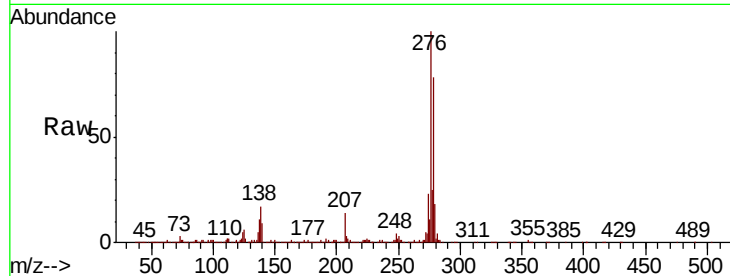
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.268 ng
 RT: 25.56 min Scan# 3837
 Delta R.T. 0.00 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

Instrument :
 BNA_M
 ClientSampleId :
 PB131136BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.3	19.9
277	25.2	20.0	30.0

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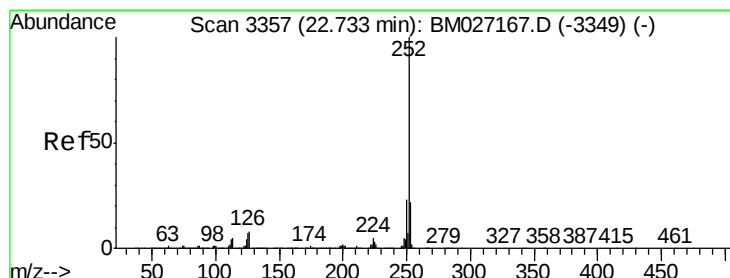
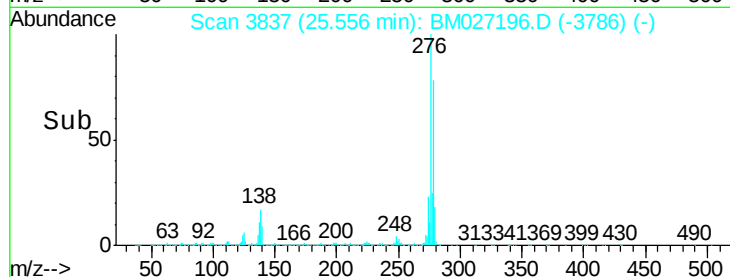
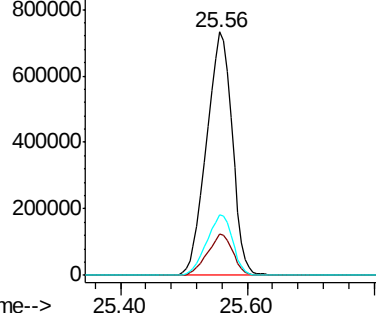


Abundance

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



#88
 Benzo(b)fluoranthene
 Concen: 39.542 ng
 RT: 22.72 min Scan# 3355
 Delta R.T. -0.01 min
 Lab File: BM027196.D
 Acq: 24 Aug 2020 16:20

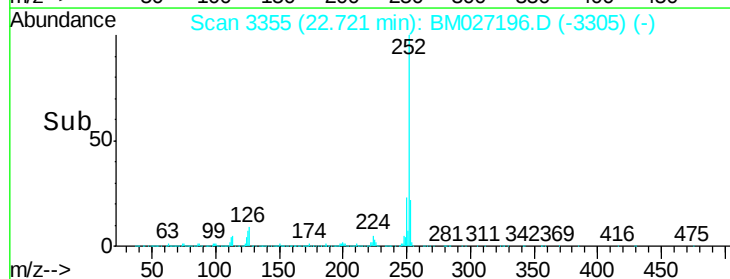
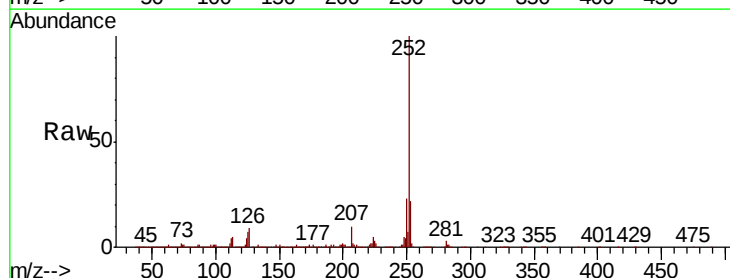
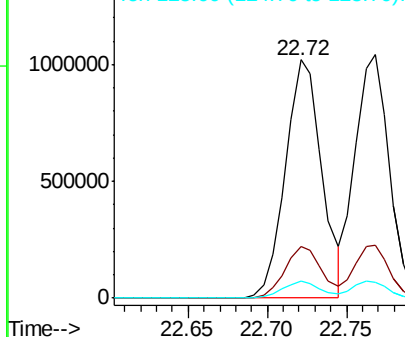
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	7.2	5.4	8.0

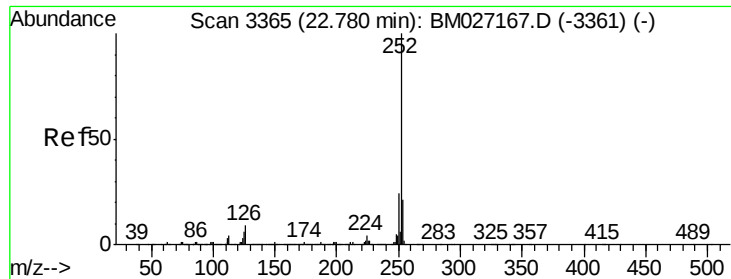
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





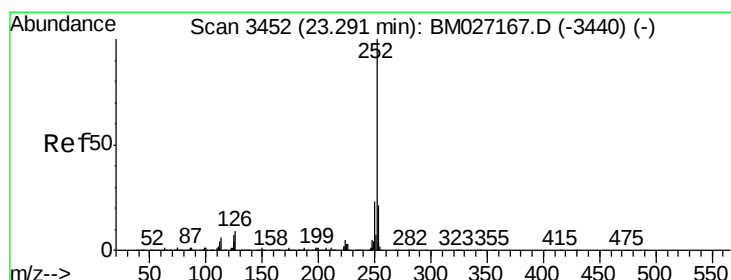
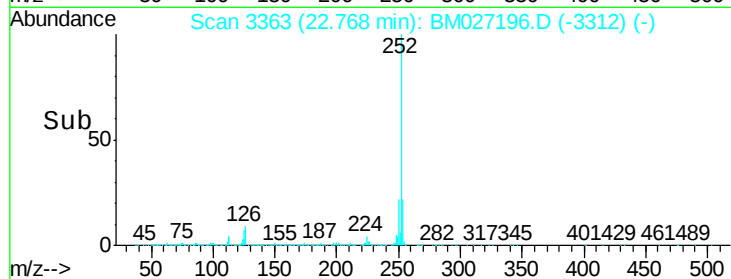
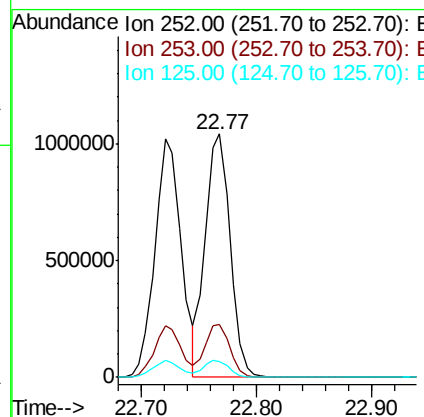
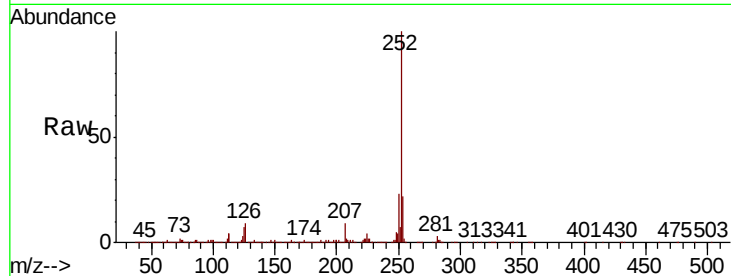
#89
Benzo(k)fluoranthene
Concen: 38.744 ng
RT: 22.77 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	6.7	5.3	7.9

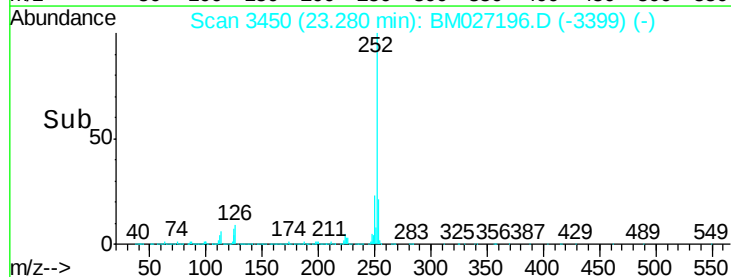
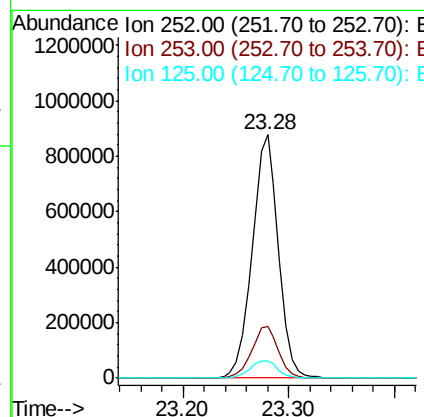
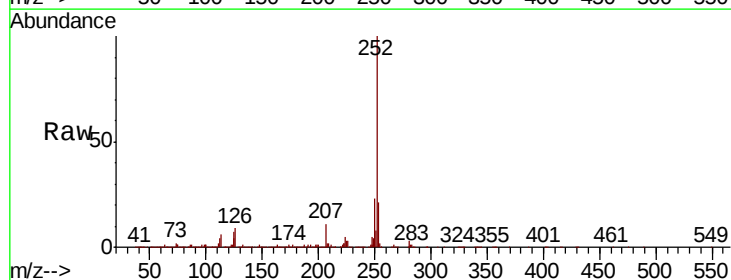
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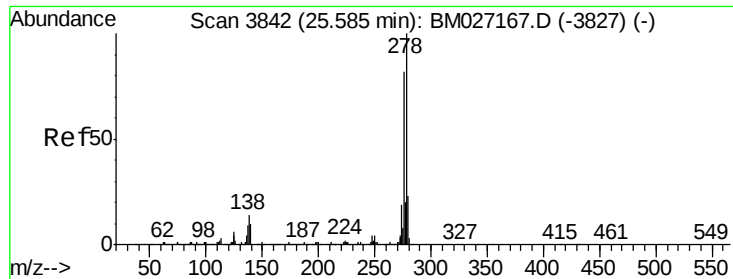
mohammad
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#90
Benzo(a)pyrene
Concen: 40.010 ng
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	7.2	5.8	8.6





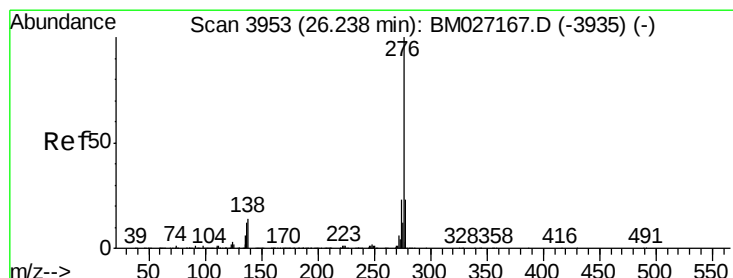
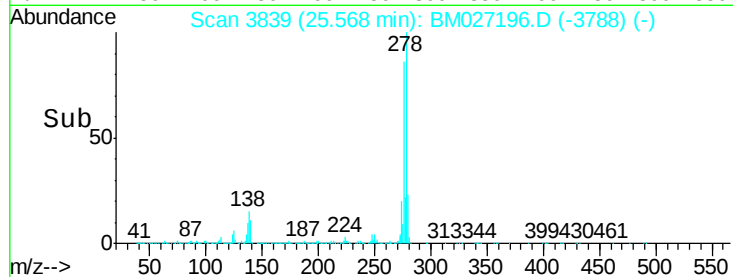
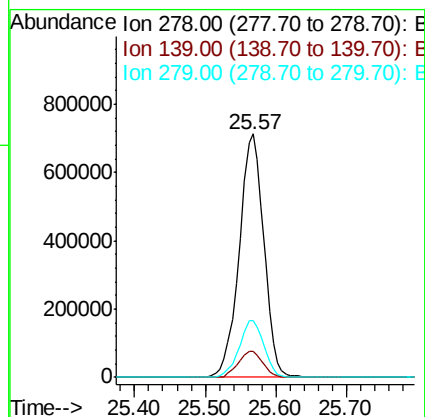
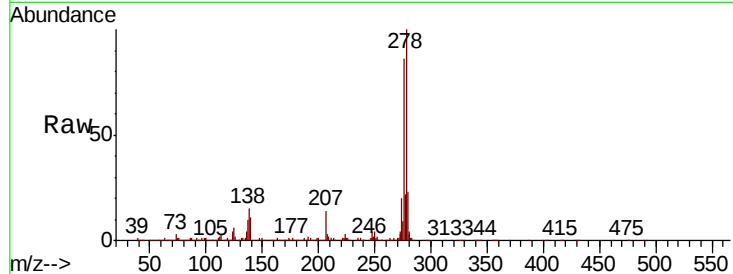
#91
Dibenzo(a,h)anthracene
Concen: 42.881 ng
RT: 25.57 min Scan# 3839
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Instrument :
BNA_M
ClientSampleId :
PB131136BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.9	8.2	12.2
279	23.4	18.2	27.4

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:18 PM



#92
Benzo(g,h,i)perylene
Concen: 44.329 ng
RT: 26.22 min Scan# 3950
Delta R.T. 0.00 min
Lab File: BM027196.D
Acq: 24 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	14.0	11.4	17.0

