

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022433.D
 Acq On : 30 Aug 2019 09:44
 Operator : HP/JU
 Sample : PB122622BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

Manual Integrations
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mohammad
 8/31/2019 2:43:45 PM

Quant Time: Aug 30 15:34:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	21568	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	88514	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	61849	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	141279	20.00	ng	0.00
76) Chrysene-d12	21.17	240	185394	20.00	ng	0.00
87) Perylene-d12	23.36	264	165552	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	146379	119.13	ng	0.00
7) Phenol-d6	6.73	99	186730	113.64	ng	0.00
23) Nitrobenzene-d5	8.70	82	121470	60.11	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	124188	98.13	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	298459	54.67	ng	0.00
79) Terphenyl-d14	19.60	244	698333	49.71	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.13	88	20715	36.535 ng	91
3) Pyridine	3.53	79	41766	30.624 ng	99
4) n-Nitrosodimethylamine	3.46	42	38006	40.419 ng	93
6) Aniline	6.87	93	73170	34.942 ng	99
8) 2-Chlorophenol	7.09	128	62704	44.336 ng	99
9) Benzaldehyde	6.70	77	44368	43.341 ng	91
10) Phenol	6.75	94	74641	45.218 ng	99
11) bis(2-Chloroethyl)ether	6.97	93	49028	39.357 ng	99
12) 1,3-Dichlorobenzene	7.40	146	65255	38.027 ng	97
13) 1,4-Dichlorobenzene	7.56	146	66527	38.262 ng	98
14) 1,2-Dichlorobenzene	7.86	146	63797	36.600 ng	97
15) Benzyl Alcohol	7.79	79	64684	41.495 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.05	45	61235	37.932 ng	96
17) 2-Methylphenol	7.98	107	51498	42.899 ng	95
18) Hexachloroethane	8.56	117	29165	36.178 ng	96
19) n-Nitroso-di-n-propylamine	8.34	70	46980	36.840 ng	# 95
20) 3+4-Methylphenols	8.32	107	69366	42.552 ng	98
22) Acetophenone	8.36	105	92982	38.042 ng	95
24) Nitrobenzene	8.74	77	77726	39.953 ng	96
25) Isophorone	9.25	82	125869	39.667 ng	98
26) 2-Nitrophenol	9.44	139	33547	43.049 ng	98
27) 2,4-Dimethylphenol	9.50	122	57582	49.537 ng	94
28) bis(2-Chloroethoxy)methane	9.73	93	71306	38.837 ng	97
29) 2,4-Dichlorophenol	9.97	162	66527	43.742 ng	92
30) 1,2,4-Trichlorobenzene	10.16	180	71777	37.062 ng	98
31) Naphthalene	10.35	128	181112	39.338 ng	100
32) Benzoic acid	9.70	122	41569	45.402 ng	95
33) 4-Chloroaniline	10.49	127	46487	23.467 ng	98
34) Hexachlorobutadiene	10.59	225	65409	34.241 ng	98
35) Caprolactam	11.33	113	17167m	44.409 ng	
36) 4-Chloro-3-methylphenol	11.62	107	67998	42.419 ng	99
37) 2-Methylnaphthalene	11.97	142	137383	39.267 ng	99
38) 1-Methylnaphthalene	12.19	142	130046	38.511 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	106685	36.346 ng	99

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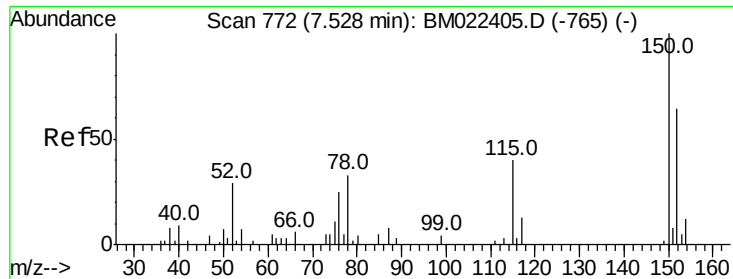
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 8/31/2019 2:43:45 PM

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 QLast Update : Thu Aug 29 16:51:32 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	73562	63.842	ng	95
43) 2,4,6-Trichlorophenol	12.61	196	63528	40.097	ng	97
44) 2,4,5-Trichlorophenol	12.69	196	68308	43.480	ng	96
46) 1,1'-Biphenyl	13.00	154	188596	37.319	ng	99
47) 2-Chloronaphthalene	13.05	162	149258	37.196	ng	99
48) 2-Nitroaniline	13.30	65	49644	38.413	ng	96
49) Acenaphthylene	13.90	152	242718	40.077	ng	98
50) Dimethylphthalate	13.66	163	204868	38.084	ng	99
51) 2,6-Dinitrotoluene	13.80	165	42940	40.636	ng	91
52) Acenaphthene	14.25	154	136324	37.533	ng	100
53) 3-Nitroaniline	14.14	138	27847	27.445	ng	97
54) 2,4-Dinitrophenol	14.37	184	48272	76.398	ng	96
55) Dibenzofuran	14.59	168	237877	38.877	ng	99
56) 4-Nitrophenol	14.47	139	56933	83.112	ng	100
57) 2,4-Dinitrotoluene	14.61	165	61021	40.165	ng	96
58) Fluorene	15.24	166	202560	37.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	67957	38.383	ng	95
60) Diethylphthalate	15.03	149	211834	37.700	ng	98
61) 4-Chlorophenyl-phenylether	15.24	204	132273	35.188	ng	94
62) 4-Nitroaniline	15.32	138	37051	39.015	ng	90
63) Azobenzene	15.54	77	215269	38.380	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	37627	44.633	ng	95
66) n-Nitrosodiphenylamine	15.47	169	169751	39.797	ng	98
67) 4-Bromophenyl-phenylether	16.14	248	82210	36.984	ng	95
68) Hexachlorobenzene	16.24	284	90107	35.786	ng	97
69) Atrazine	16.44	200	70668	38.913	ng	99
70) Pentachlorophenol	16.61	266	104596	92.872	ng	97
71) Phenanthrene	16.99	178	314902	38.239	ng	99
72) Anthracene	17.09	178	320897	39.605	ng	99
73) Carbazole	17.38	167	268267	40.056	ng	99
74) Di-n-butylphthalate	17.92	149	353792	38.958	ng	100
75) Fluoranthene	19.03	202	435644	39.724	ng	99
77) Benzidine	19.24	184	153471	49.161	ng	98
78) Pyrene	19.39	202	457318	36.196	ng	99
80) Butylbenzylphthalate	20.30	149	175538	39.811	ng	95
81) Benzo(a)anthracene	21.16	228	522776	39.286	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	163388	39.583	ng	98
83) Chrysene	21.21	228	499306	39.422	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	259954	43.419	ng	99
85) Di-n-octyl phthalate	21.94	149	453674	47.182	ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	490922	38.534	ng	99
88) Benzo(b)fluoranthene	22.71	252	491063	42.697	ng	98
89) Benzo(k)fluoranthene	22.75	252	497903	43.640	ng	100
90) Benzo(a)pyrene	23.27	252	458339	44.899	ng	98
91) Dibenzo(a,h)anthracene	25.54	278	417917	41.056	ng	98
92) Benzo(g,h,i)perylene	26.21	276	365270	41.173	ng	97

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



#1

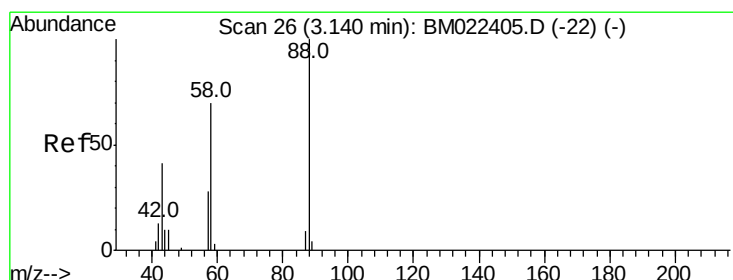
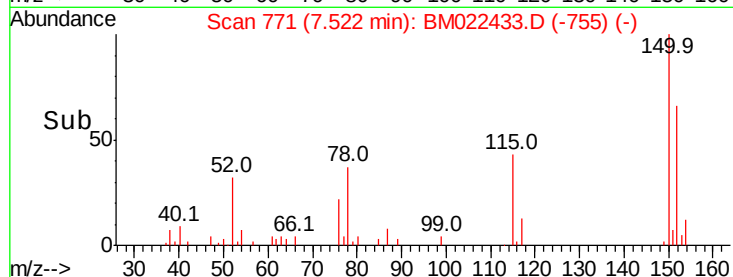
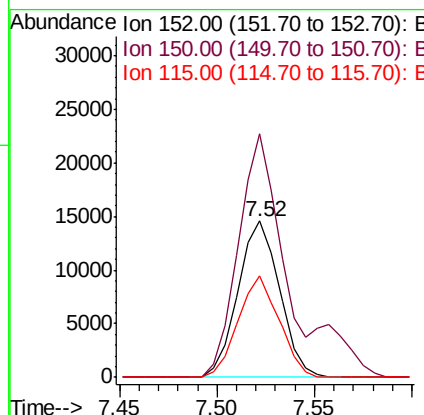
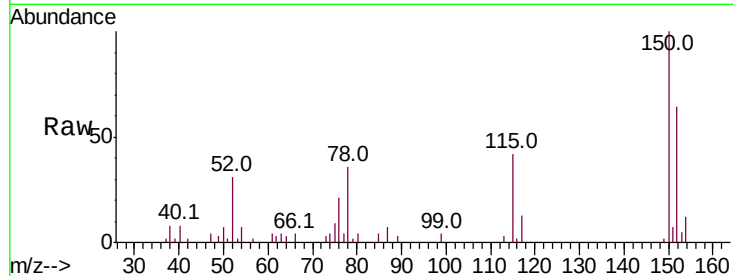
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.4	188.0
115	65.2	50.3	75.5

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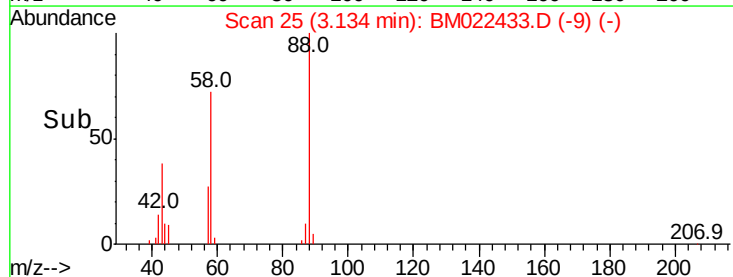
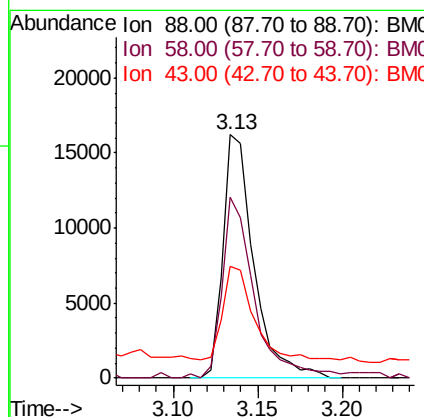
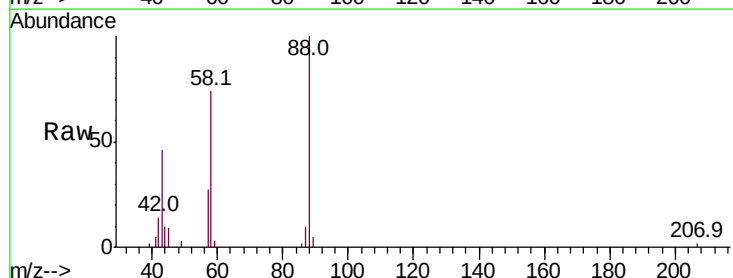
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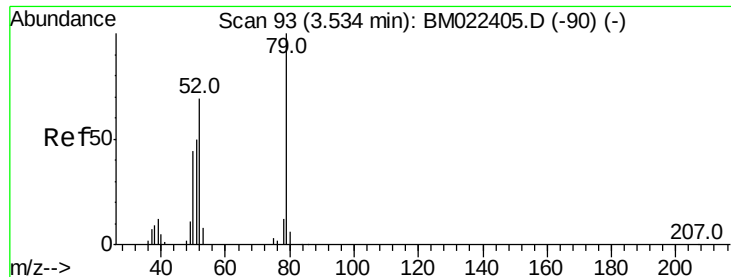


#2

1,4-Dioxane
Concen: 36.535 ng
RT: 3.13 min Scan# 25
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.7	53.8	80.8
43	37.9	30.6	46.0





#3

Pvridine

Concen: 30.624 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

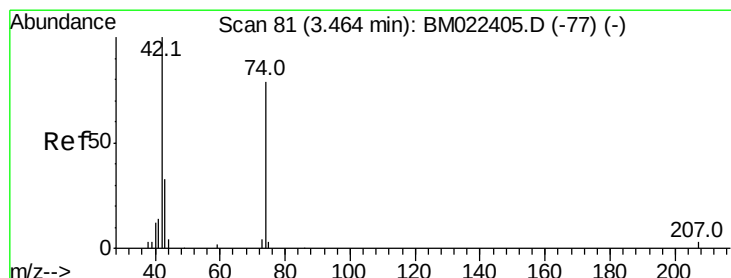
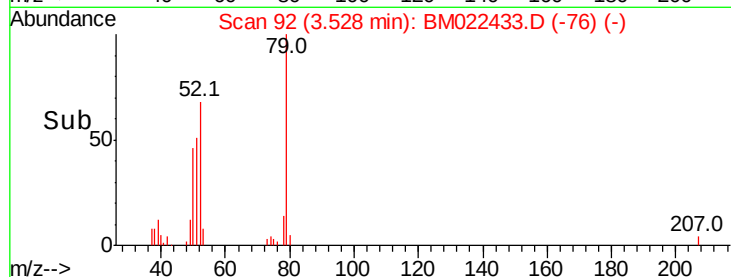
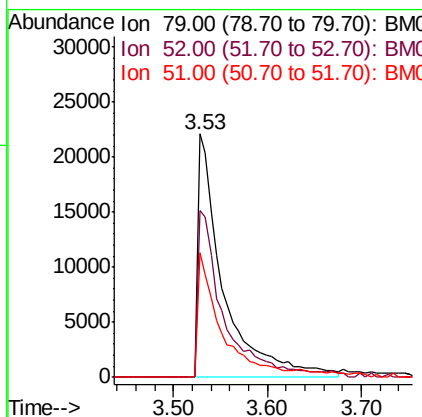
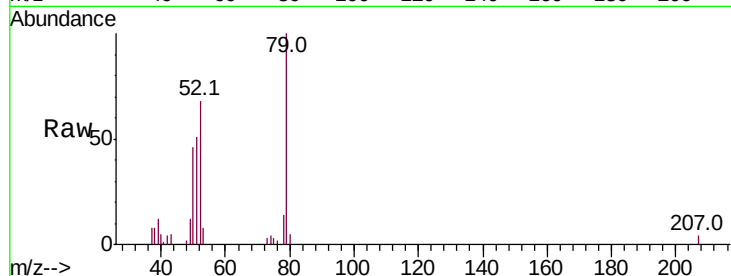
ClientSampleId :

PB122622BS

Tot Ion:	79	Resp:	41766
Ion	Ratio	Lower	Upper
79	100		
52	68.4	54.8	82.2
51	51.4	40.2	60.4

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#4

n-Nitrosodimethylamine

Concen: 40.419 ng

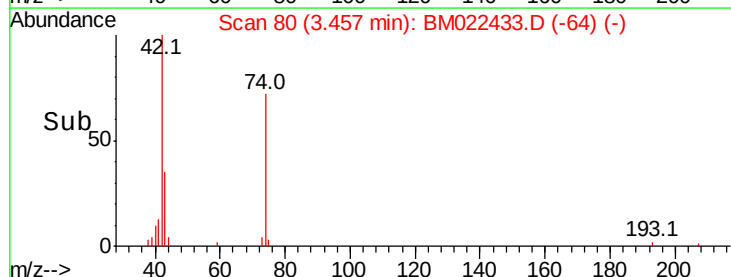
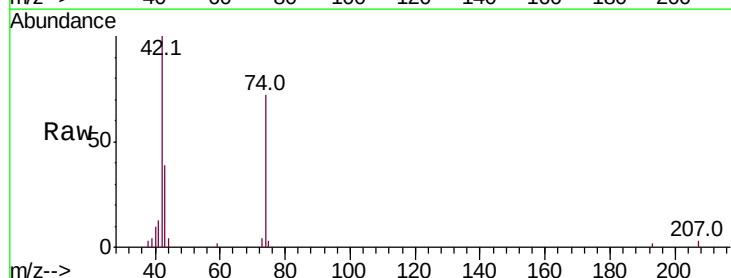
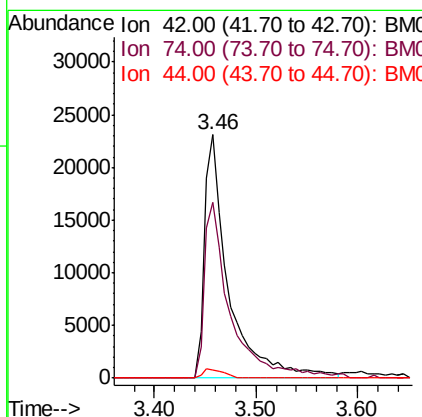
RT: 3.46 min Scan# 80

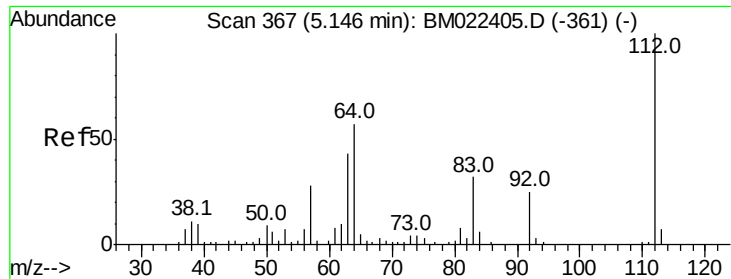
Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Tgt Ion:	42	Resp:	38006
Ion	Ratio	Lower	Upper
42	100		
74	72.3	63.0	94.6
44	3.5	3.0	4.6





#5

2-Fluorophenol

Concen: 119.132 ng

RT: 5.15 min Scan# 367

Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

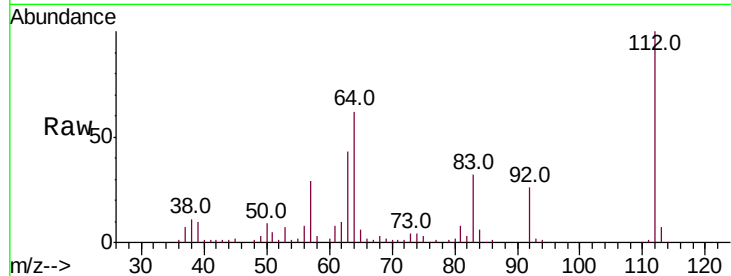
ClientSampleId :

PB122622BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	146379		
64	61.7	45.4	68.2	
63	43.5	34.5	51.7	

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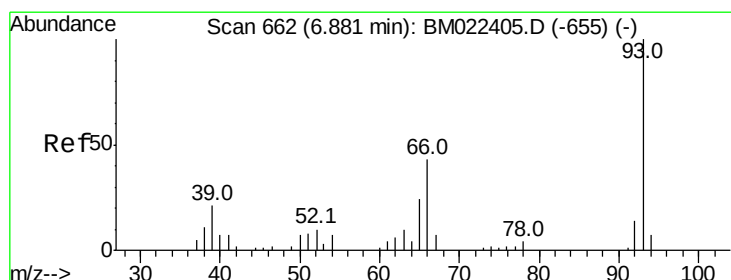
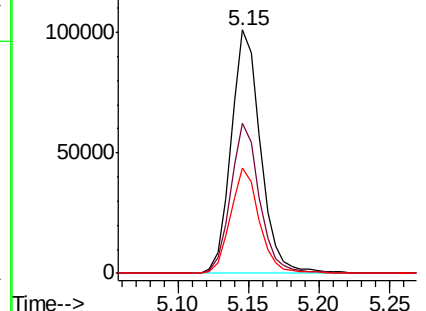
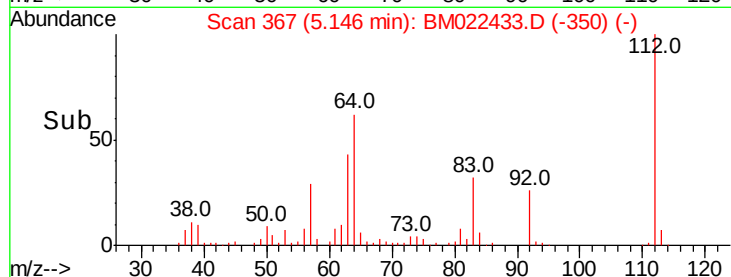
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 34.942 ng

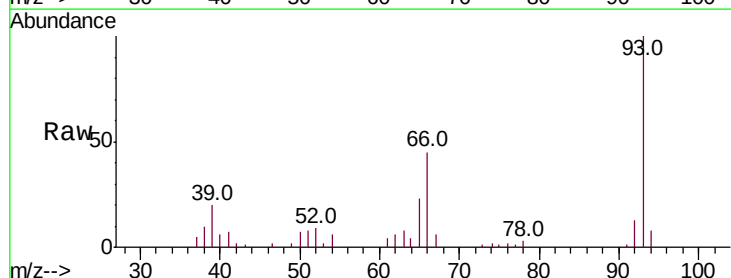
RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

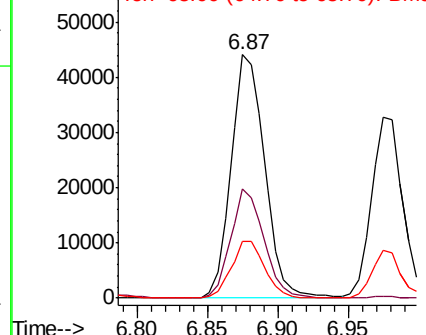
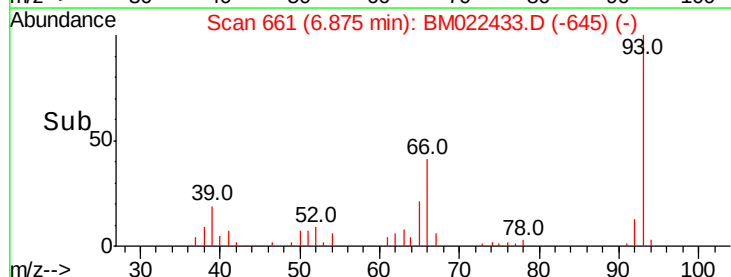
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	73170		
66	44.8	34.7	52.1	
65	23.4	18.8	28.2	

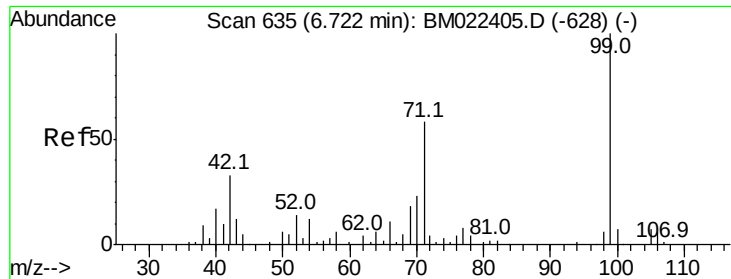


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 113.644 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

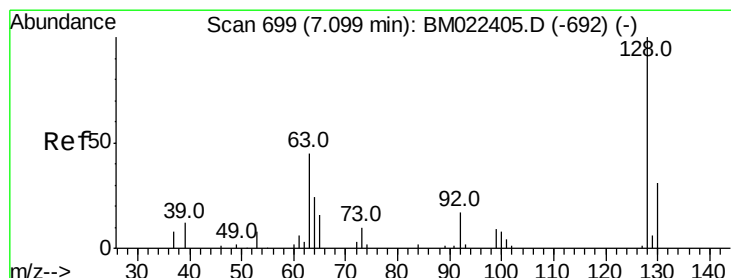
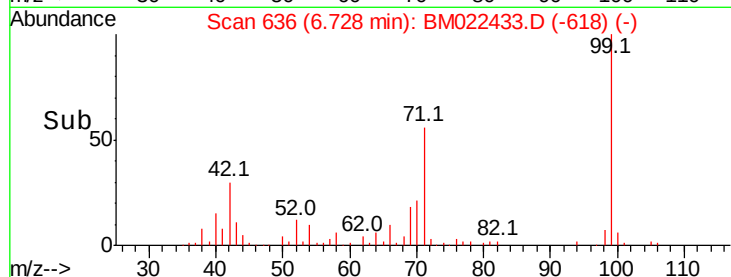
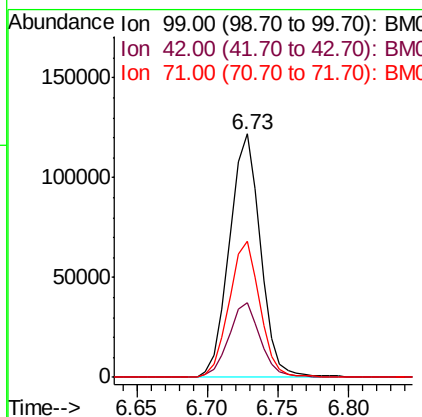
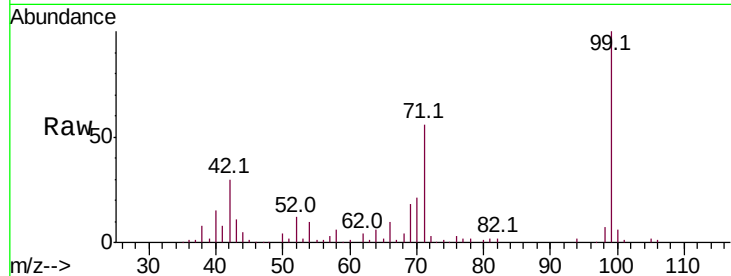
ClientSampleId :

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Tot Ion:	99	Resp:	186730
Ion Ratio	Lower	Upper	
99	100		
42	30.4	26.3	39.5
71	55.9	46.6	69.8

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#8

2-Chlorophenol

Concen: 44.336 ng

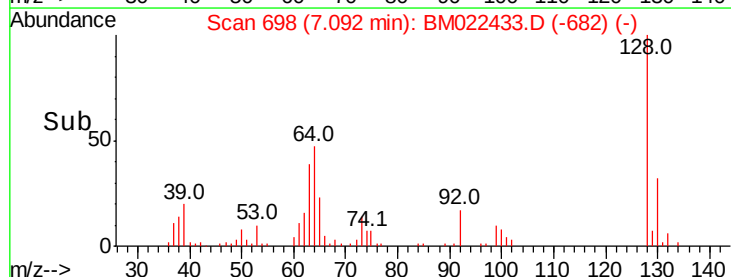
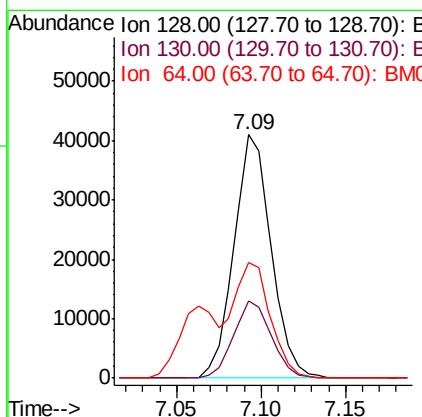
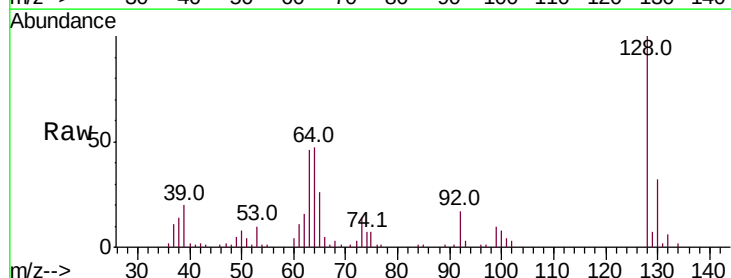
RT: 7.09 min Scan# 698

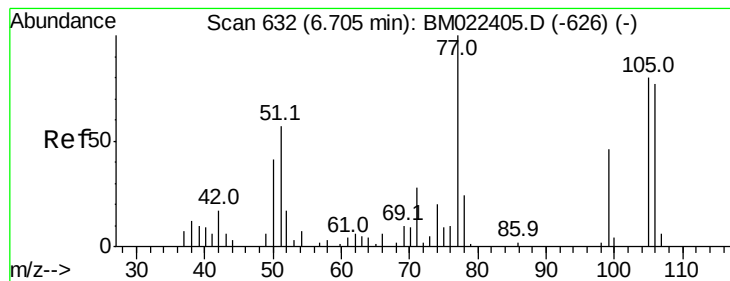
Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Tgt Ion:	128	Resp:	62704
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.5	51.5
64	47.4	26.7	66.7





#9

Benzaldehyde

Concen: 43.341 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

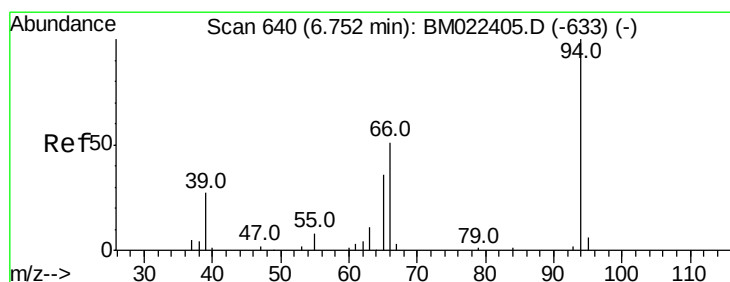
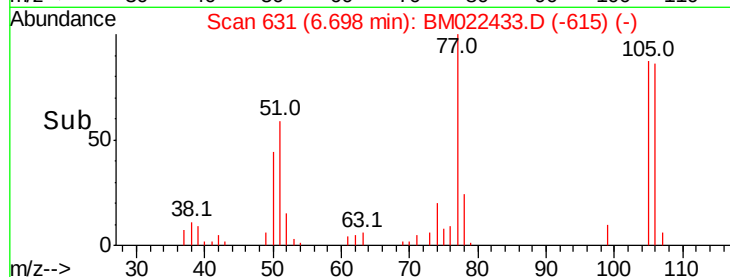
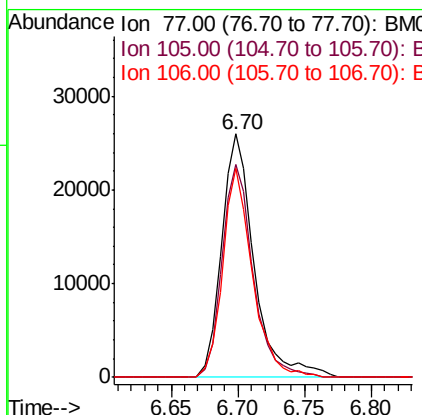
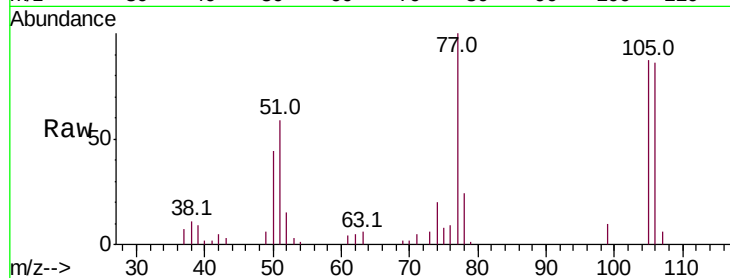
ClientSampleId :

PB122622BS

Tot Ion:	77	Resp:	44368
Ion	Ratio	Lower	Upper
77	100		
105	87.4	60.1	100.1
106	85.7	57.4	97.4

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#10

Phenol

Concen: 45.218 ng

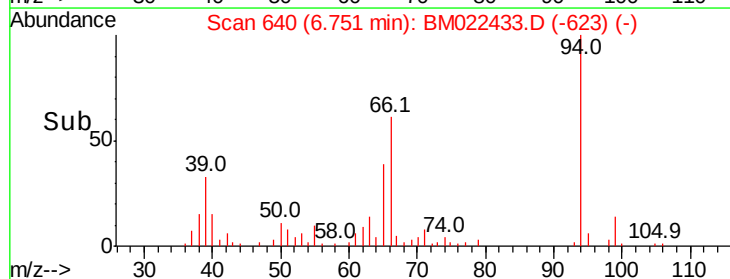
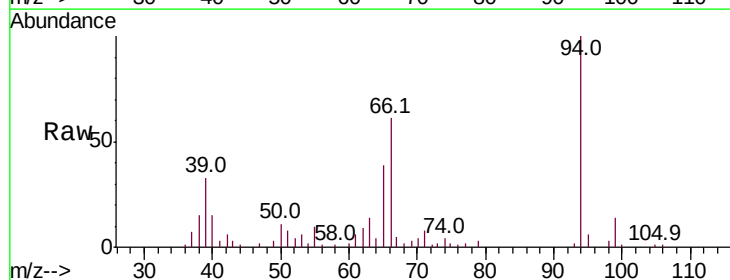
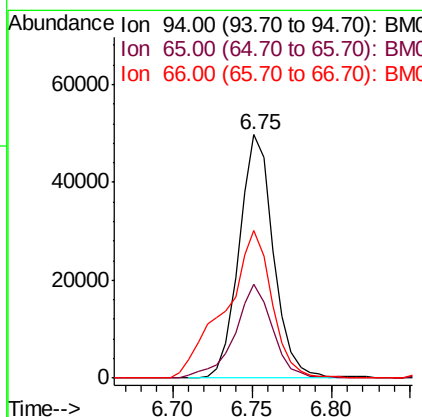
RT: 6.75 min Scan# 640

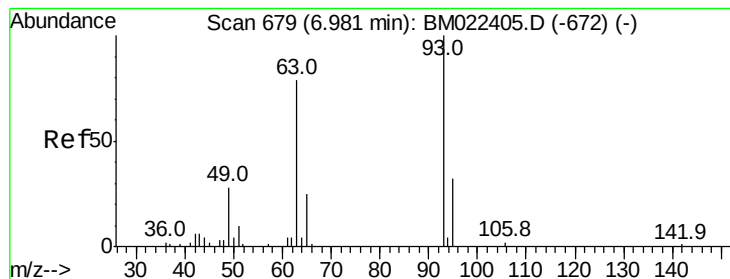
Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Tgt Ion:	94	Resp:	74641
Ion	Ratio	Lower	Upper
94	100		
65	38.8	17.7	57.7
66	60.5	39.6	79.6





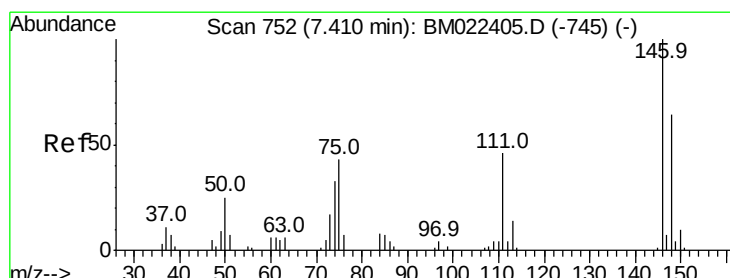
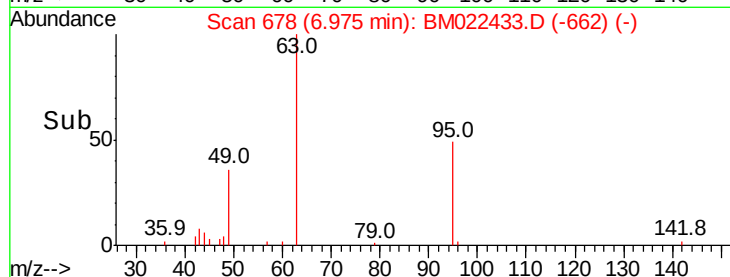
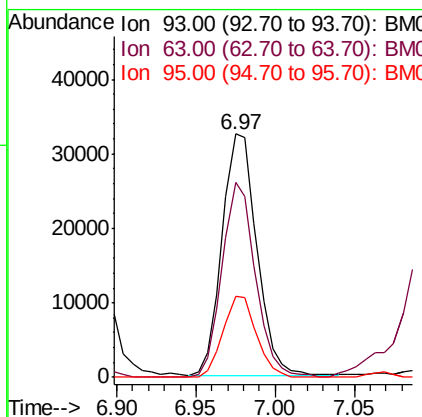
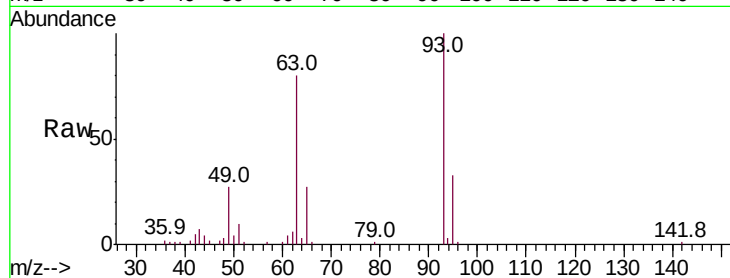
#11
bis(2-Chloroethyl)ether
Concen: 39.357 ng
RT: 6.97 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	59.1	99.1
95	33.3	12.0	52.0

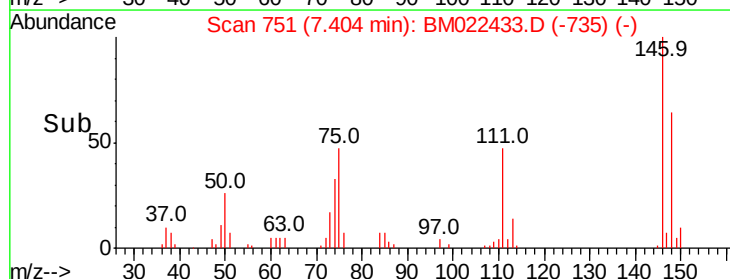
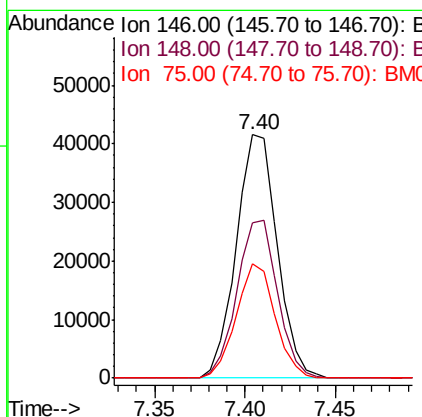
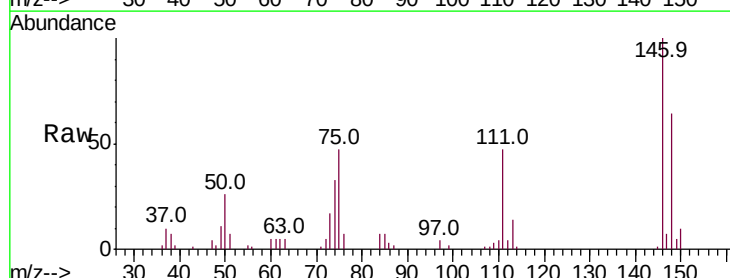
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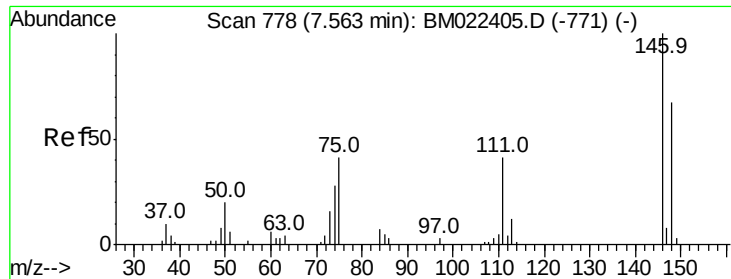
mohammad
8/31/2019 2:43:45 PM



#12
1,3-Dichlorobenzene
Concen: 38.027 ng
RT: 7.40 min Scan# 751
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
75	47.1	34.6	52.0





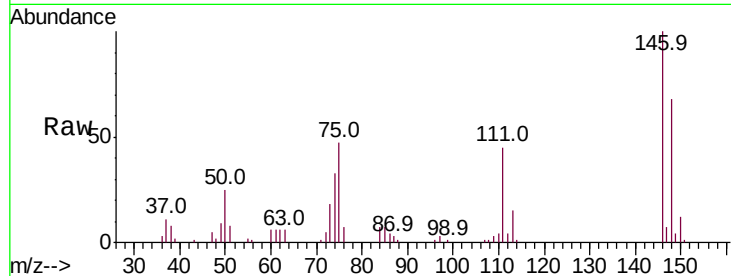
#13
 1,4-Dichlorobenzene
 Concen: 38.262 ng
 RT: 7.56 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

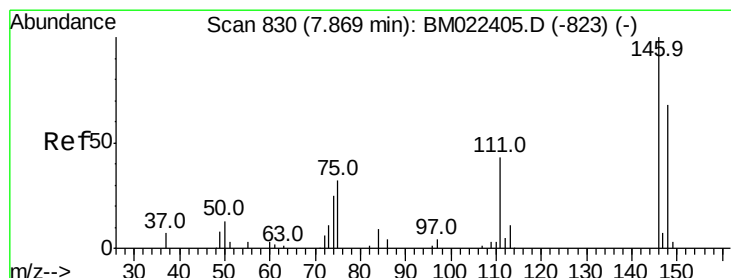
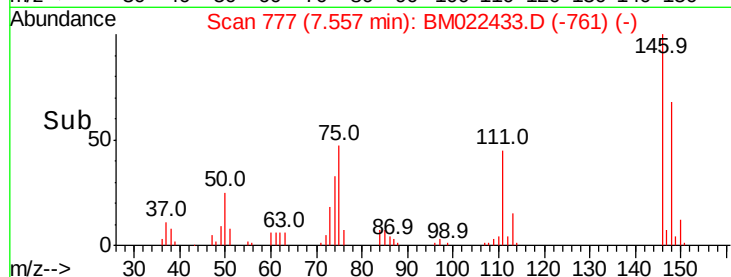
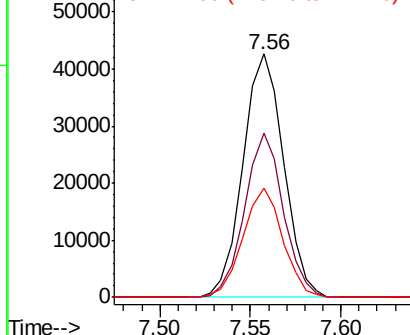
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.7	53.4	80.0
111	44.7	33.5	50.3

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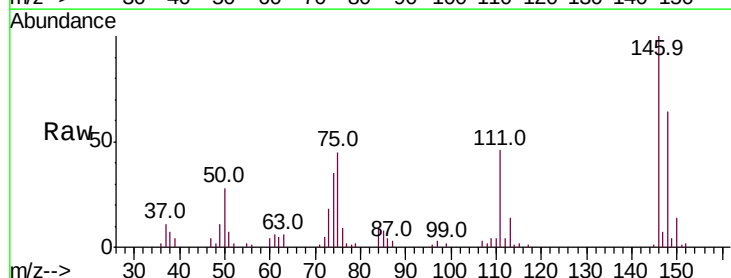


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

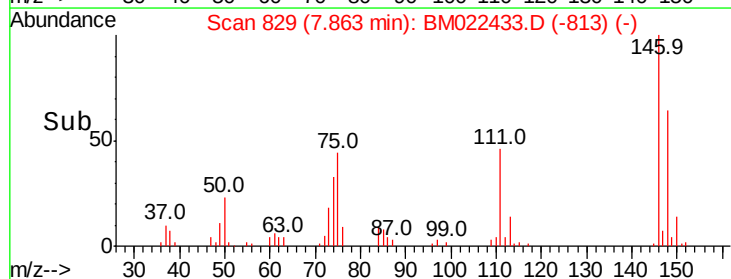
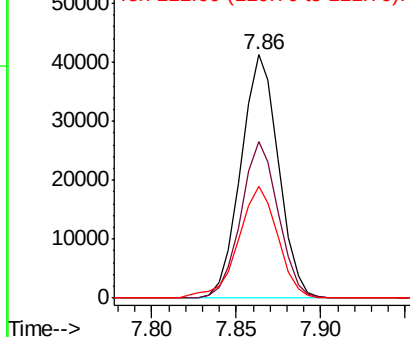


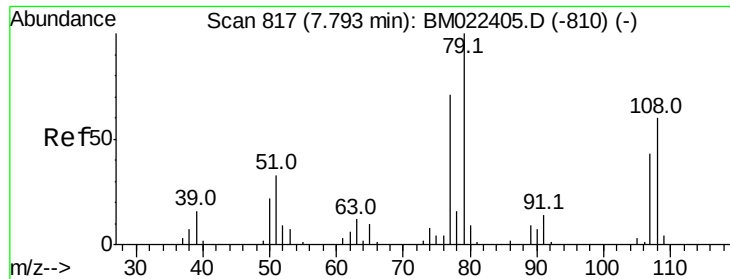
#14
 1,2-Dichlorobenzene
 Concen: 36.600 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	54.7	82.1
111	45.9	36.7	55.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





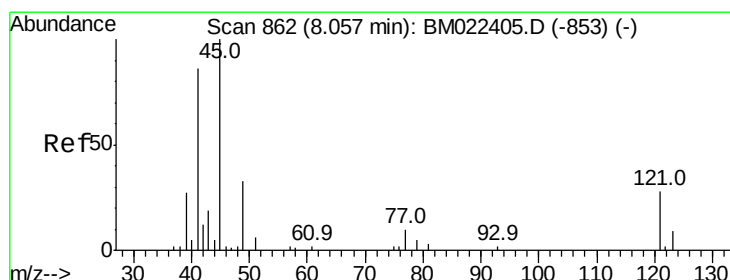
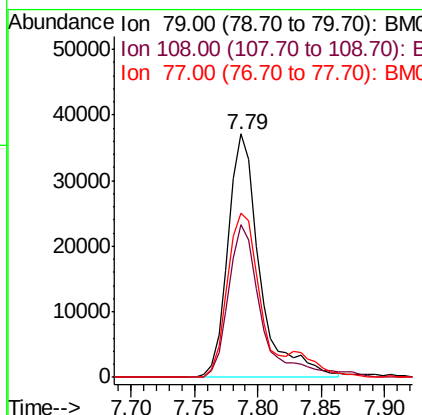
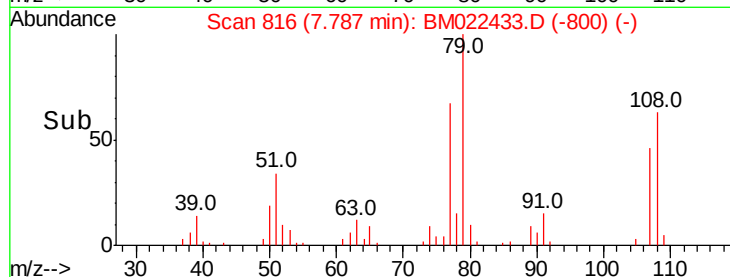
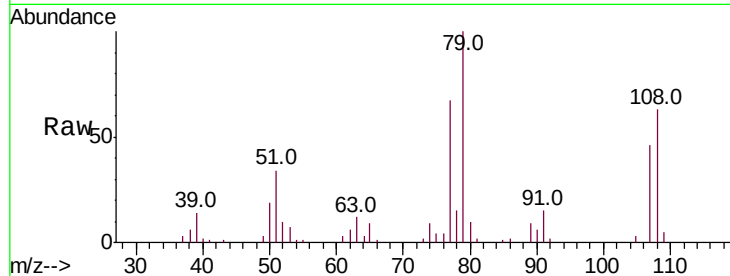
#15
Benzyl Alcohol
Concen: 41.495 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampled :
PB122622BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.8	48.2	72.4
77	67.4	56.6	85.0

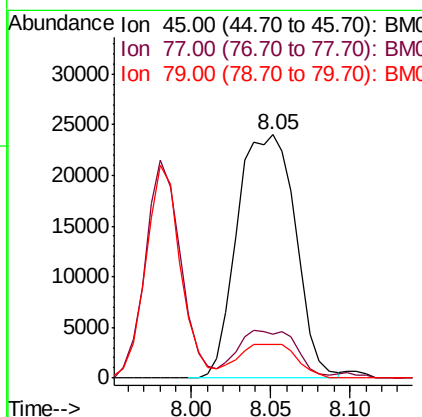
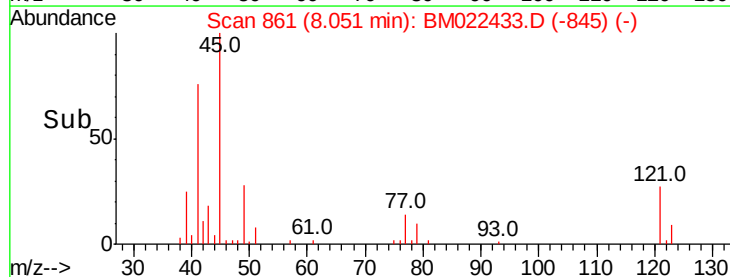
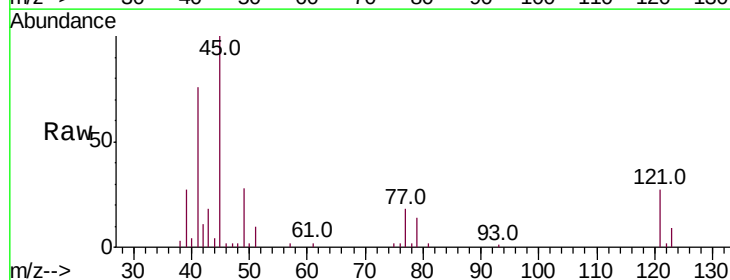
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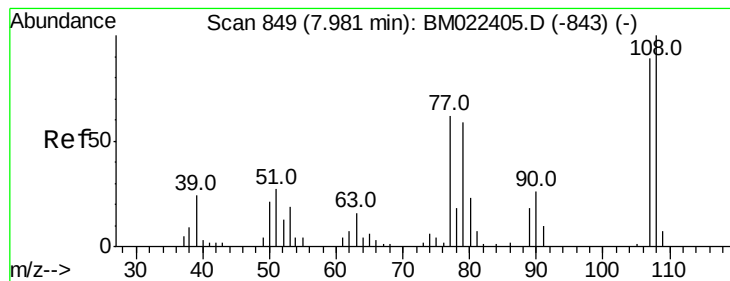
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.932 ng
RT: 8.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.4	40.4
79	13.8	0.0	35.6





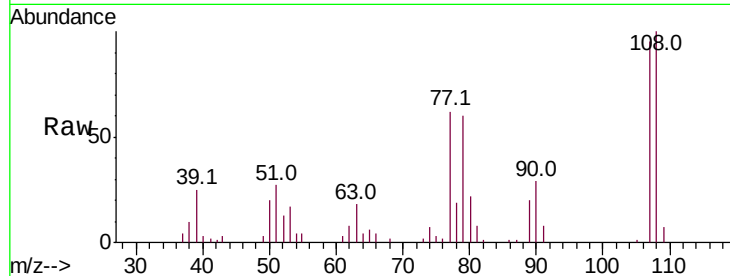
#17
2-Methylphenol
Concen: 42.899 ng
RT: 7.98 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.4	89.6	134.4
77	65.1	55.3	82.9
79	63.6	53.1	79.7

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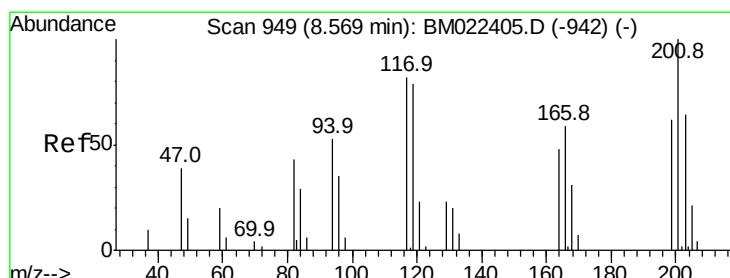
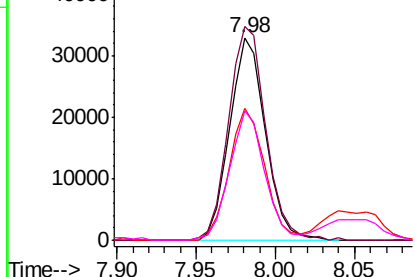
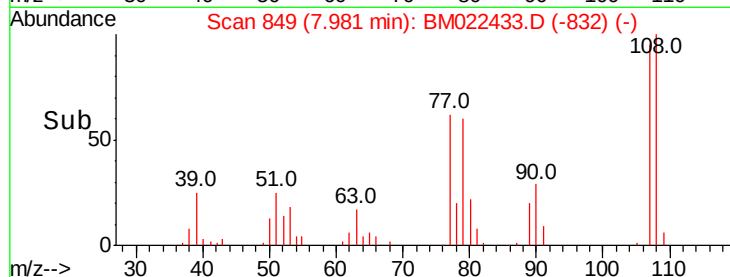
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

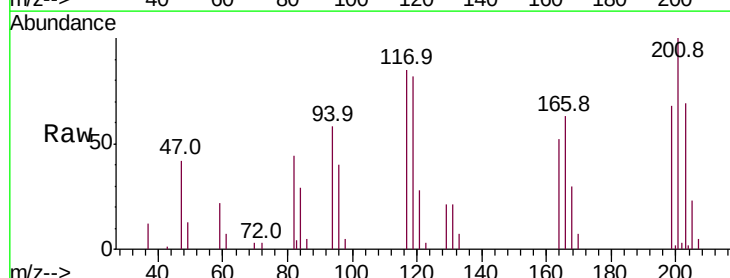
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 36.178 ng
RT: 8.56 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	117.6	99.6	149.4

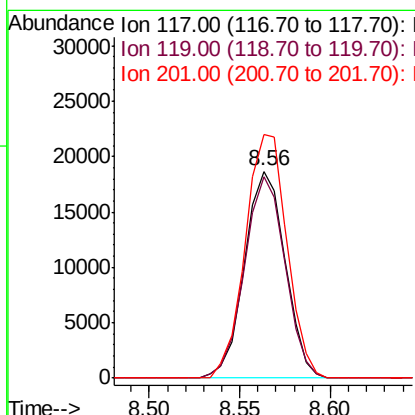
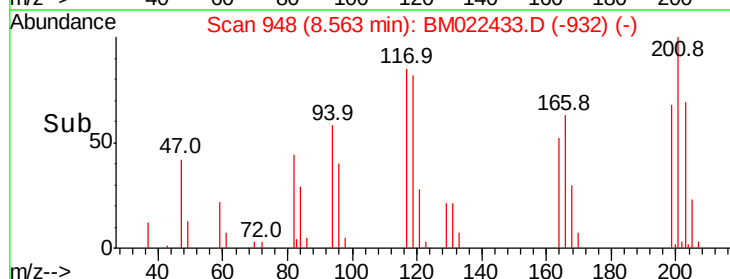


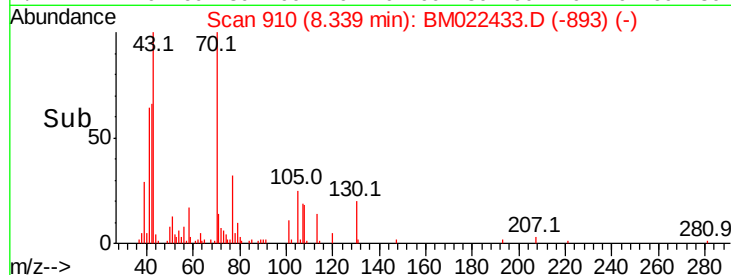
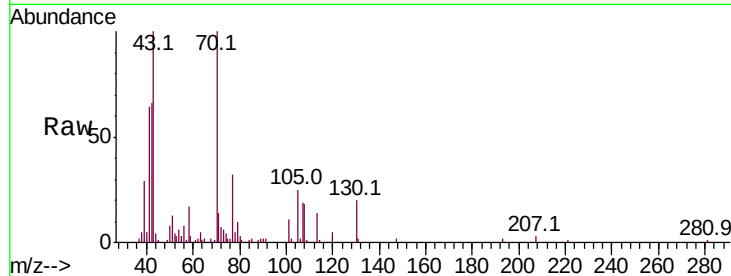
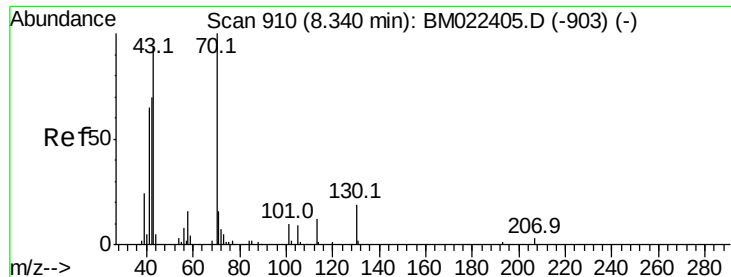
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





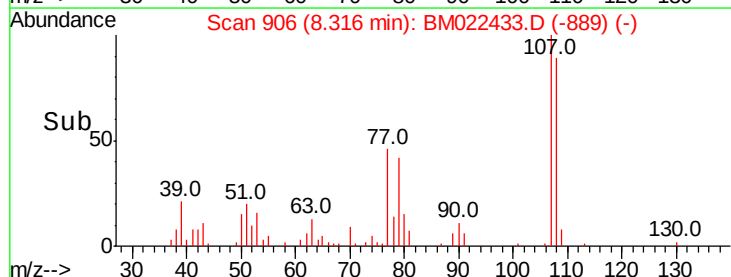
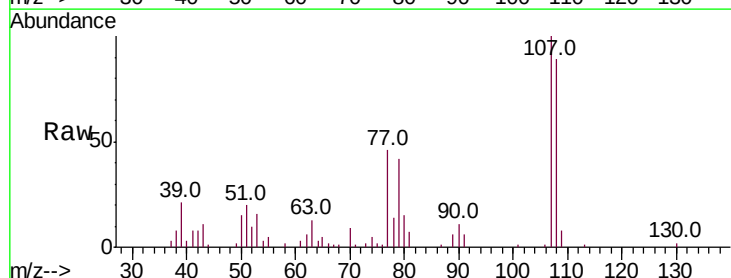
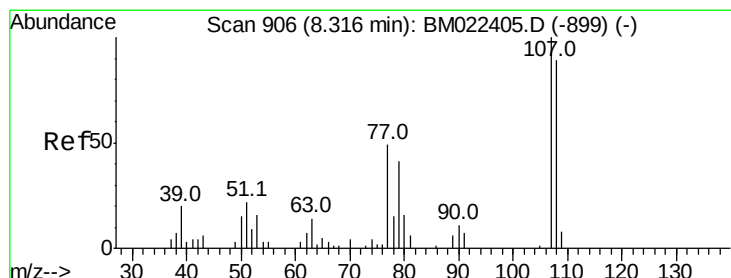
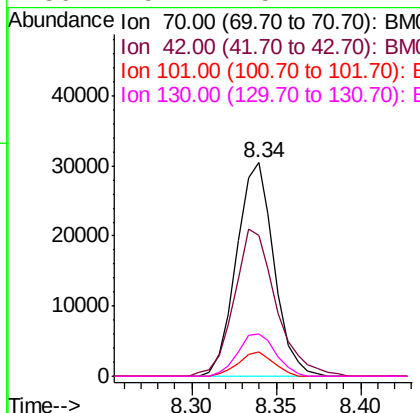
#19
n-Nitroso-di-n-propylamine
Concen: 36.840 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.8	56.2	84.4	
101	11.5	7.6	11.4	
130	19.7	15.1	22.7	

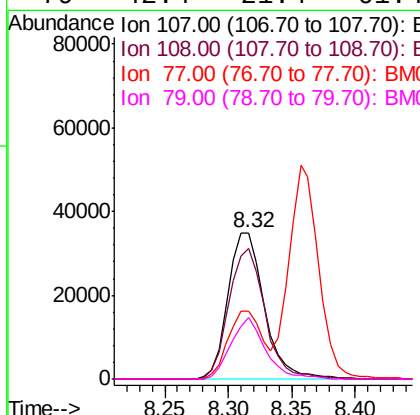
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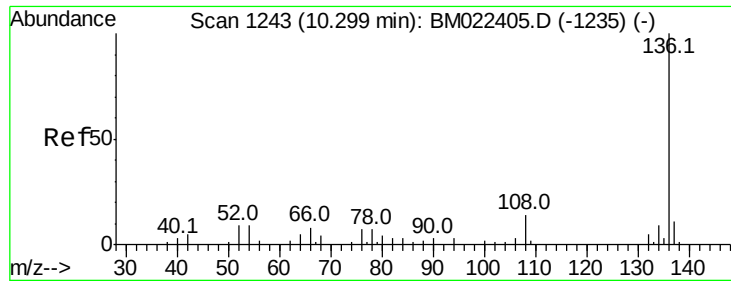
mohammad
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#20
3+4-Methylphenols
Concen: 42.552 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	68.5	108.5	
77	46.4	29.0	69.0	
79	42.4	21.4	61.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

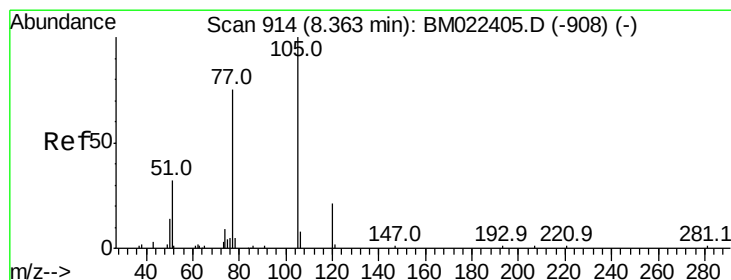
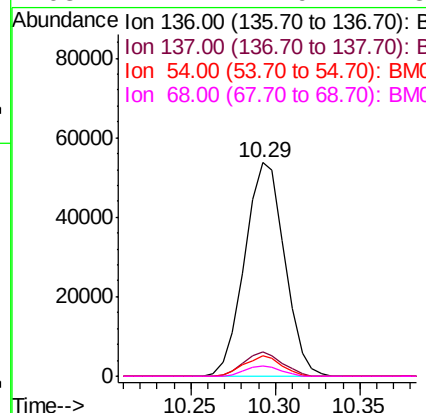
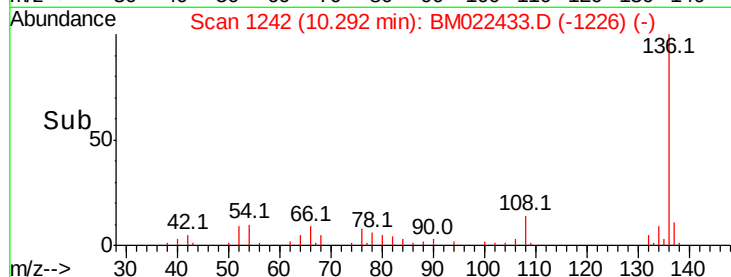
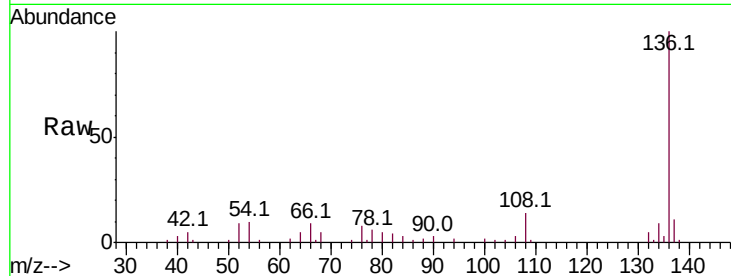
ClientSampleId :

PB122622BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.6	13.0	
54	9.7	7.0	10.6	
68	4.7	2.9	4.3#	

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#22

Acetophenone

Concen: 38.042 ng

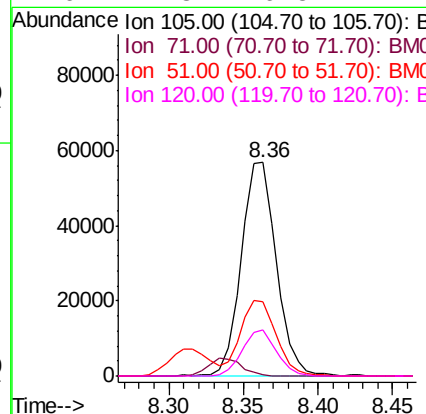
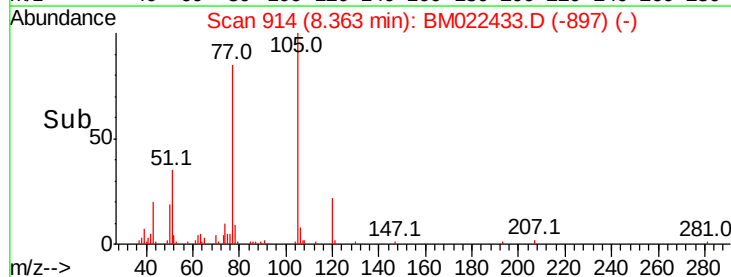
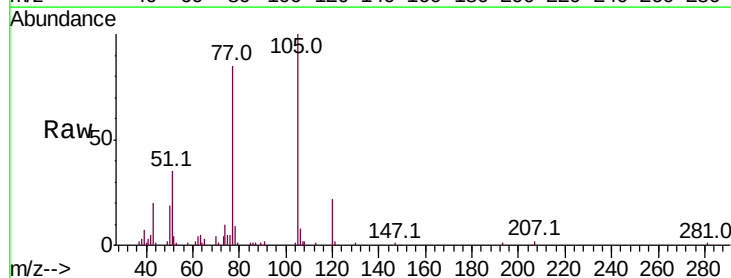
RT: 8.36 min Scan# 914

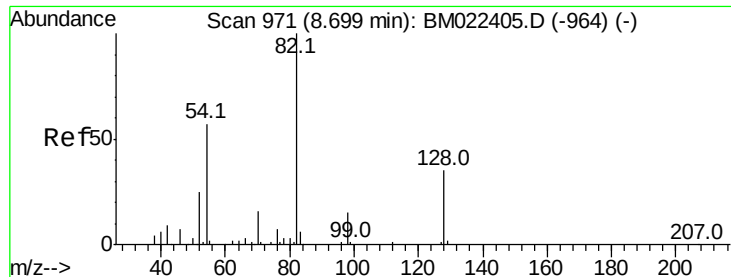
Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.6	1.0	
51	34.6	30.6	46.0	
120	21.8	16.5	24.7	





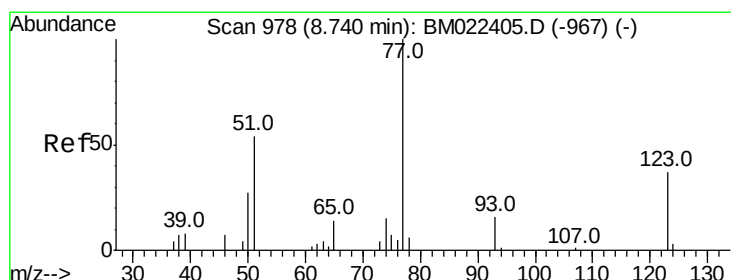
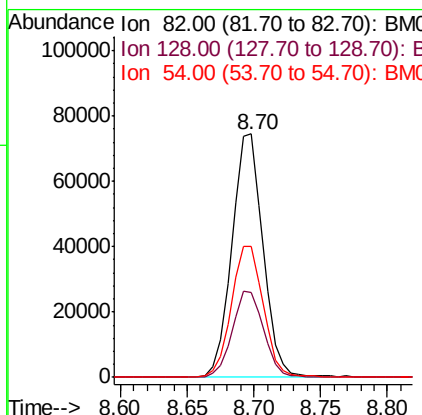
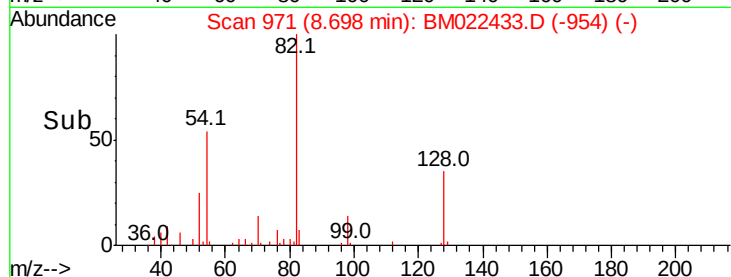
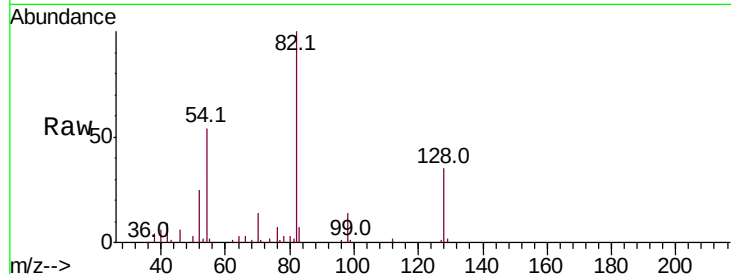
#23
Nitrobenzene-d5
Concen: 60.108 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	82	Resp	121470
Ion Ratio	Lower	Upper	
82	100		
128	35.0	27.9	41.9
54	53.6	45.2	67.8

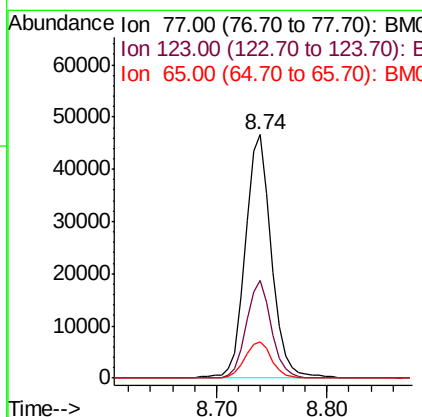
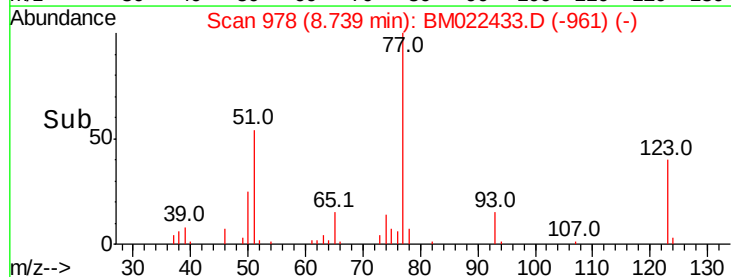
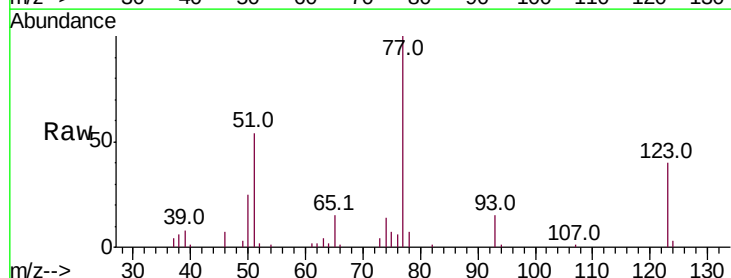
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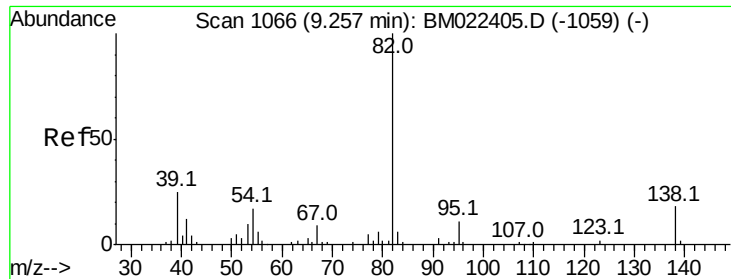
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#24
Nitrobenzene
Concen: 39.953 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	77	Resp	77726
Ion Ratio	Lower	Upper	
77	100		
123	40.3	30.0	45.0
65	15.0	11.5	17.3





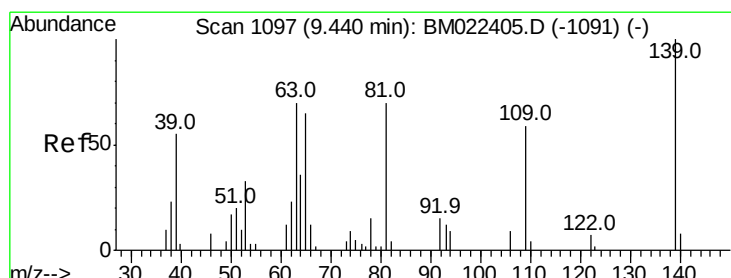
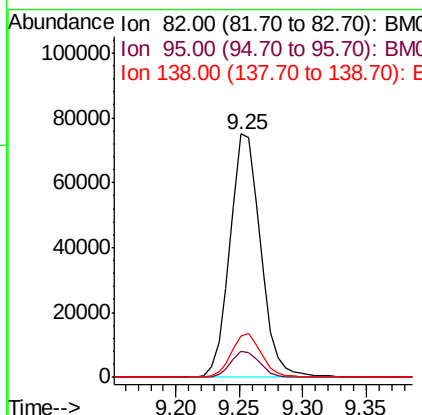
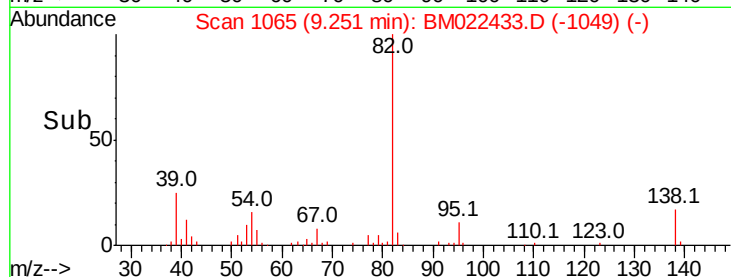
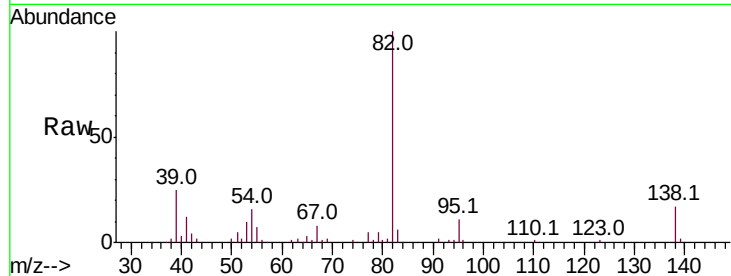
#25
Isophorone
Concen: 39.667 ng
RT: 9.25 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	10.5	8.6	13.0	
138	16.8	14.4	21.6	

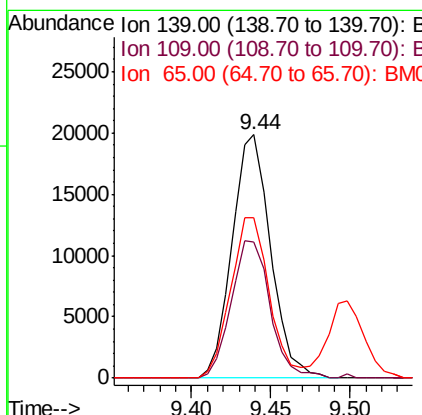
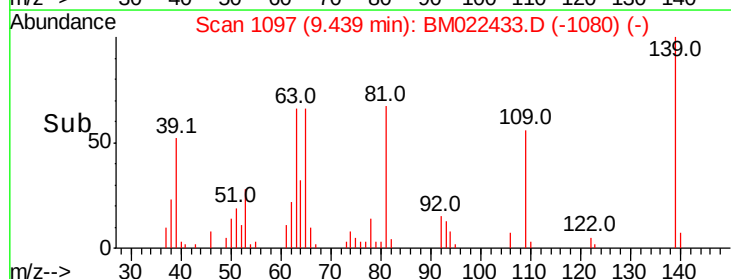
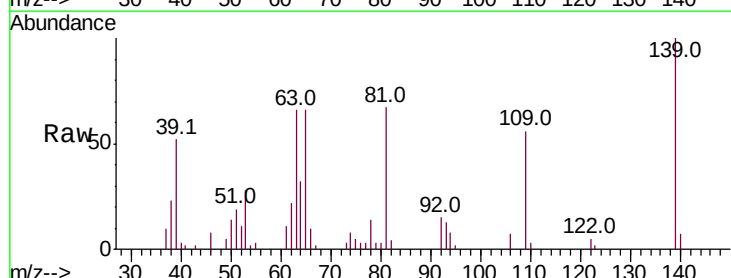
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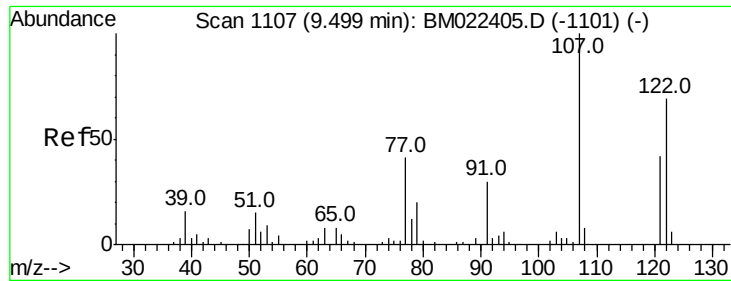
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#26
2-Nitrophenol
Concen: 43.049 ng
RT: 9.44 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.9	47.0	70.4	
65	65.7	52.3	78.5	





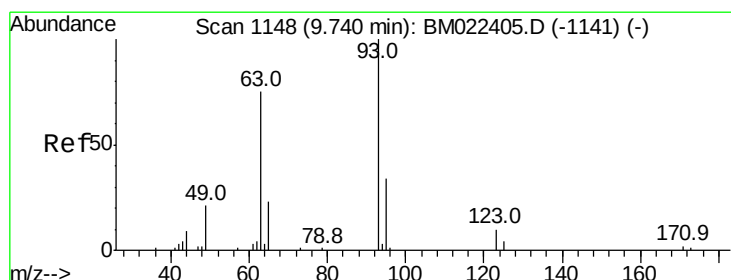
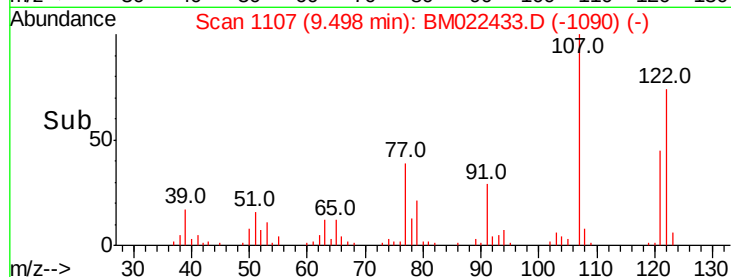
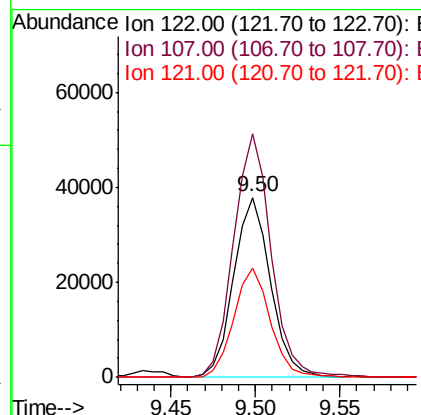
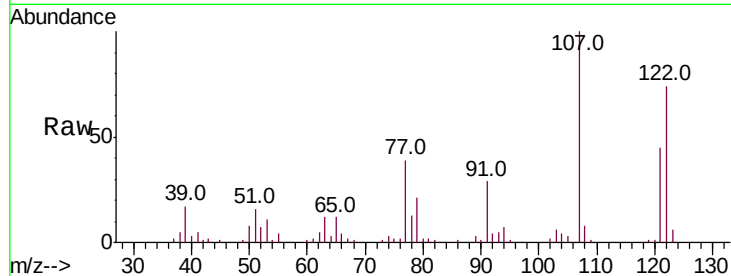
#27
 2,4-Dimethylphenol
 Concen: 49.537 ng
 RT: 9.50 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	135.1	116.2	174.4		
121	60.5	49.1	73.7		

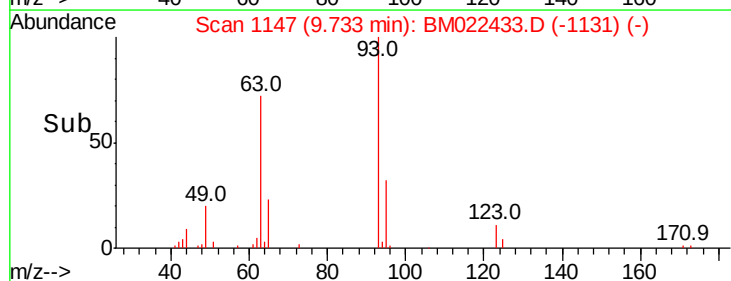
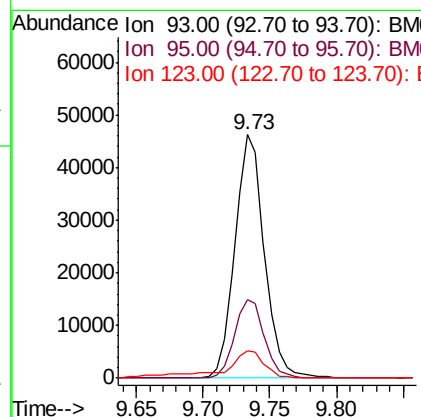
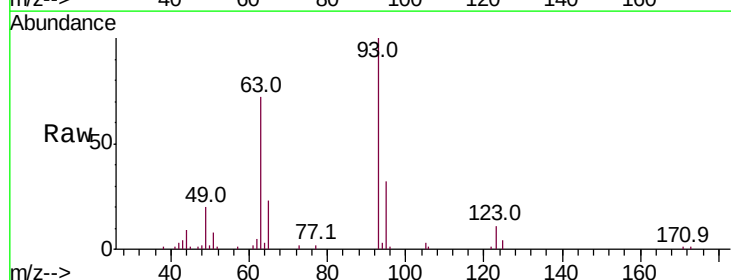
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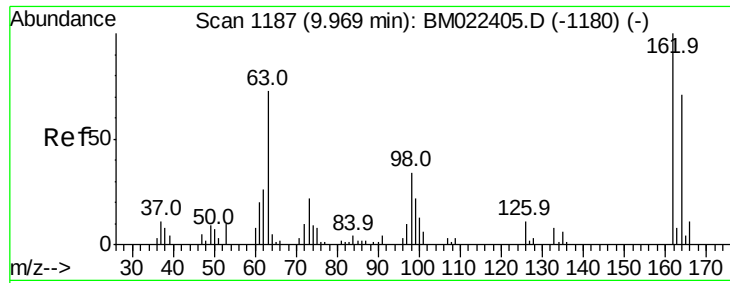
mohammad
 8/31/2019 2:43:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.837 ng
 RT: 9.73 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.2	27.5	41.3		
123	11.3	9.6	14.4		





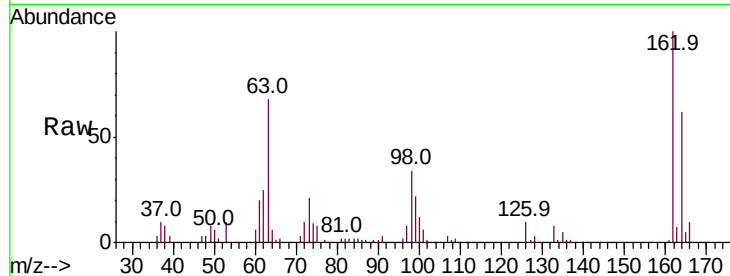
#29
 2,4-Dichlorophenol
 Concen: 43.742 ng
 RT: 9.97 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

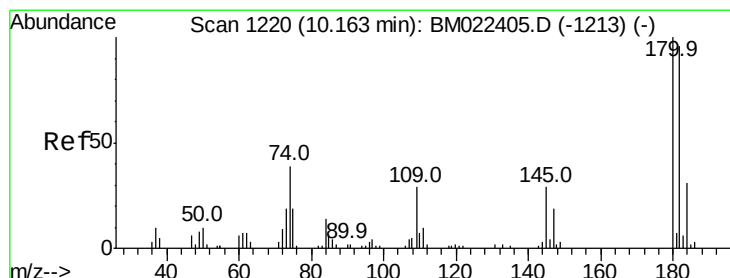
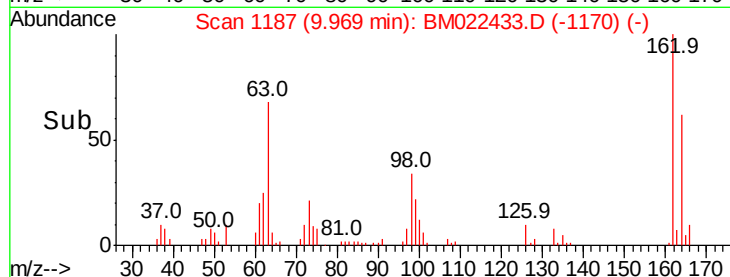
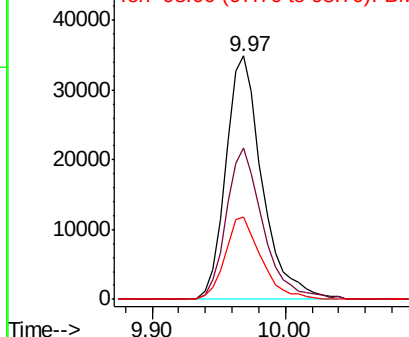
Tot Ion:	162	Resp:	66527
Ion Ratio	Lower	Upper	
162	100		
164	62.0	51.2	91.2
98	33.7	14.1	54.1

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 8/31/2019 2:43:45 PM

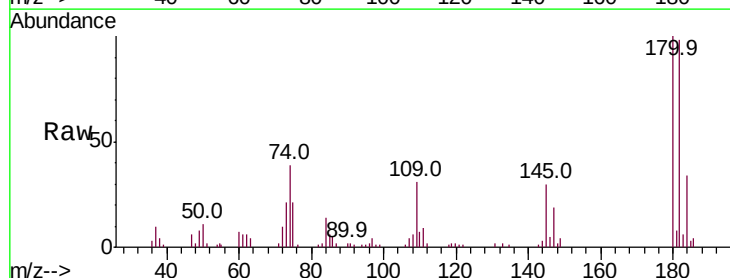


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

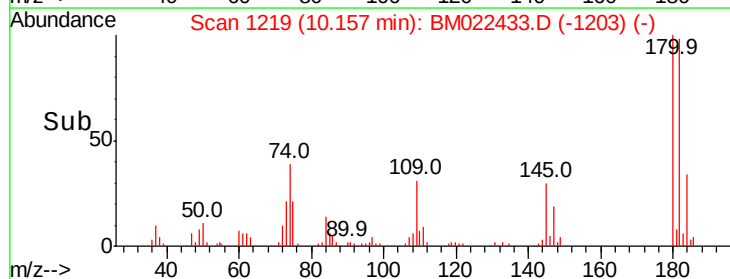
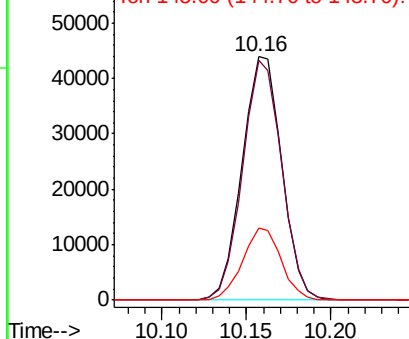


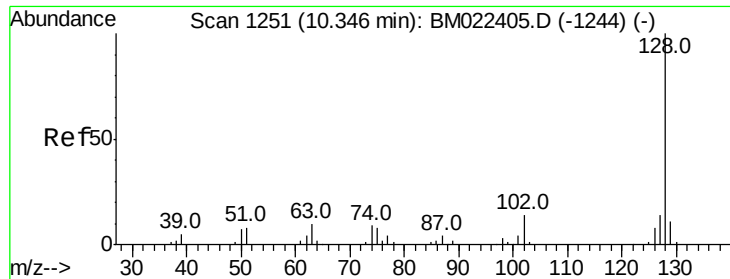
#30
 1,2,4-Trichlorobenzene
 Concen: 37.062 ng
 RT: 10.16 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion:	180	Resp:	71777
Ion Ratio	Lower	Upper	
180	100		
182	98.4	77.0	115.4
145	29.8	23.0	34.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





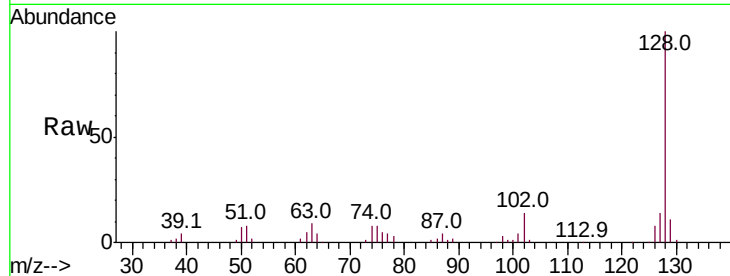
#31
Naphthalene
Concen: 39.338 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

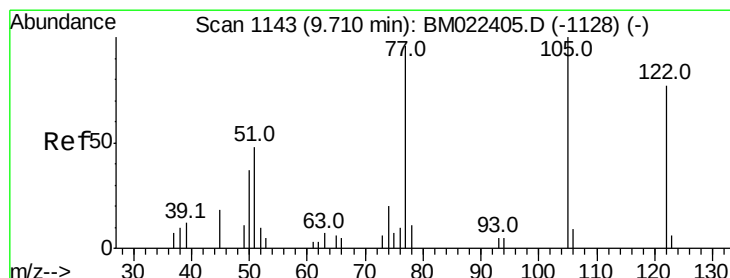
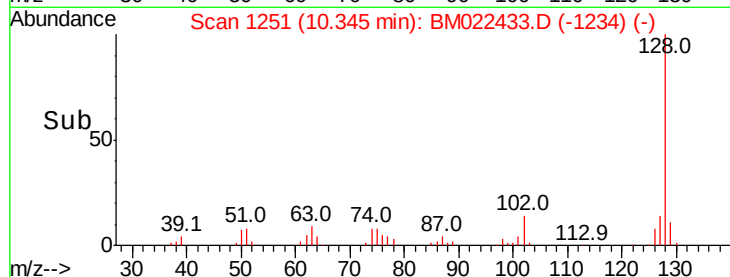
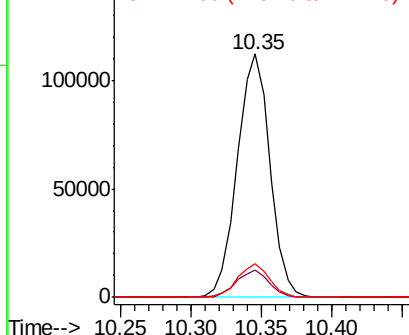
Tot Ion	Ratio	Resp	Lower	Upper
128	100	181112		
129	11.3	9.0	13.4	
127	13.6	11.0	16.4	

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8/31/2019 2:43:45 PM

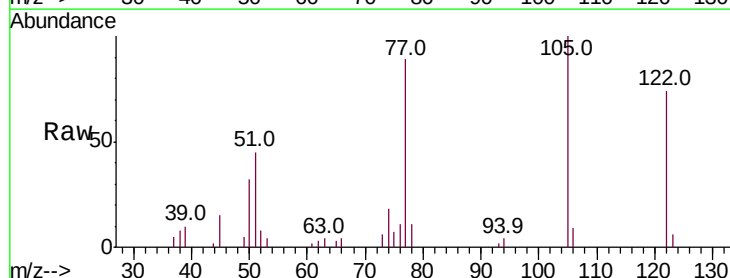


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

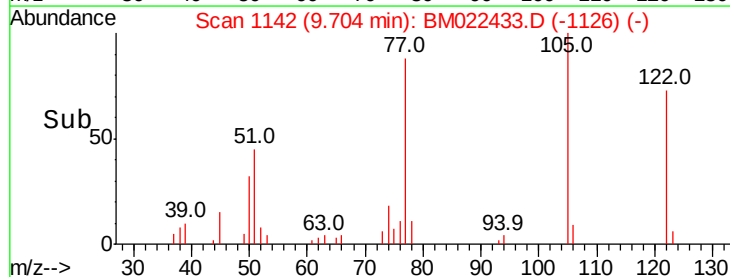
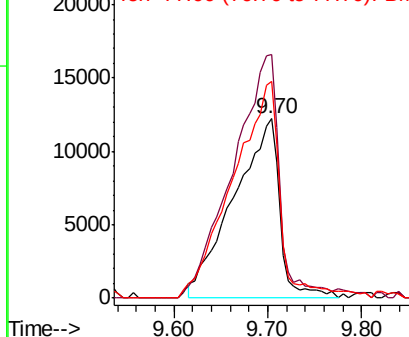


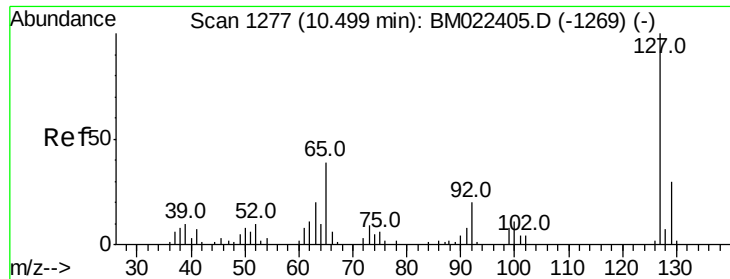
#32
Benzoic acid
Concen: 45.402 ng
RT: 9.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41569		
105	135.8	109.3	149.3	
77	121.1	105.5	145.5	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





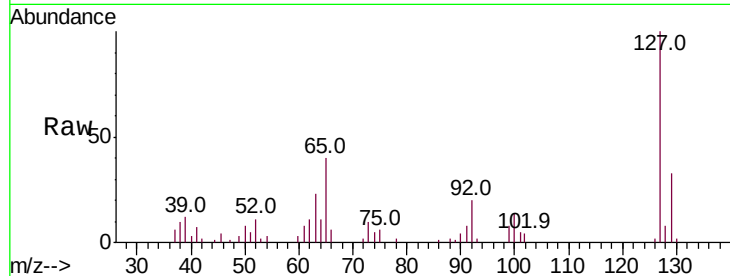
#33
4-Chloroaniline
Concen: 23.467 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

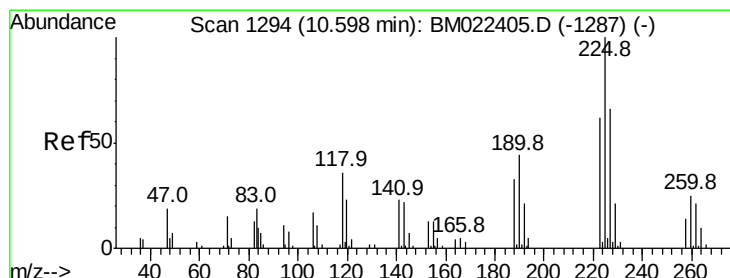
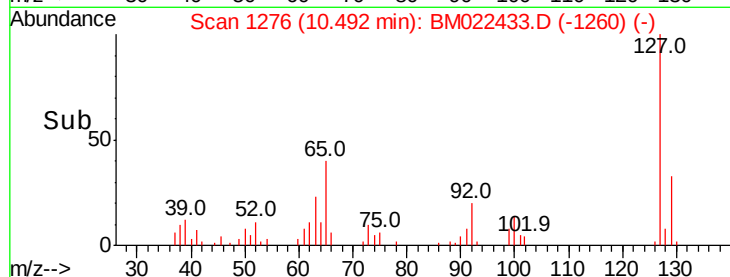
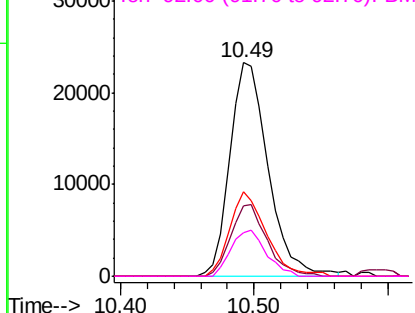
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.2	36.2
65	39.5	31.0	46.4
92	20.1	16.4	24.6

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8/31/2019 2:43:45 PM

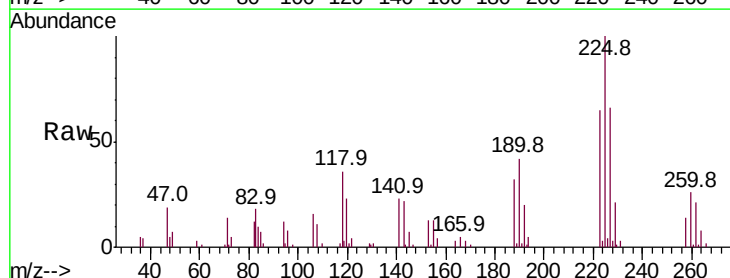


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

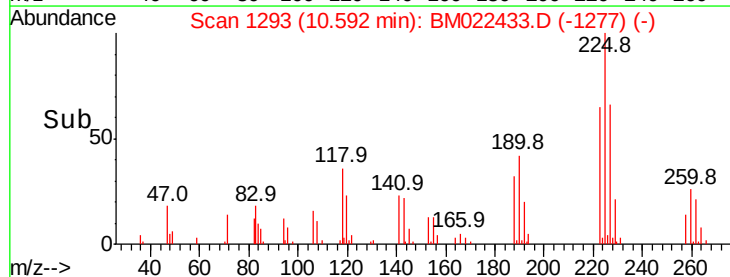
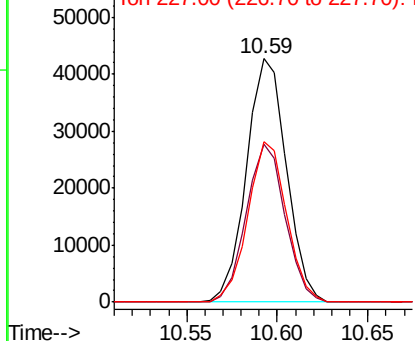


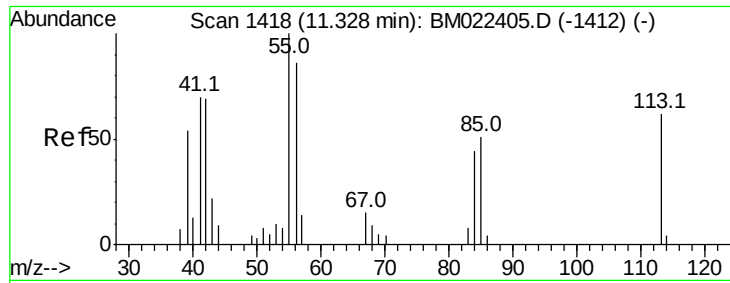
#34
Hexachlorobutadiene
Concen: 34.241 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.3	73.9
227	65.9	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.409 ng/mL

RT: 11.33 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

ClientSampleId :

PB122622BS

Tot Ion:113 Resp: 17167

Ion Ratio Lower Upper

113 100

55 153.9 140.0 180.0

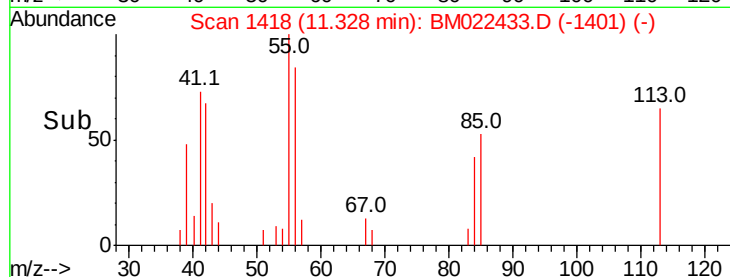
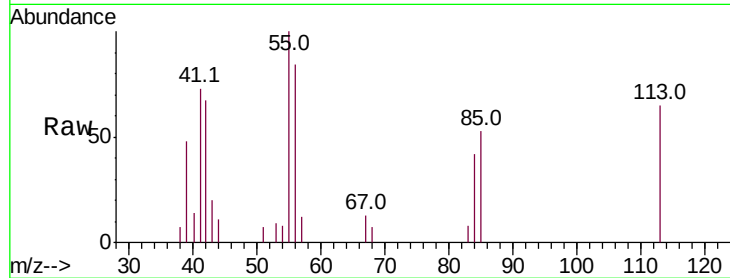
56 129.5 117.6 157.6

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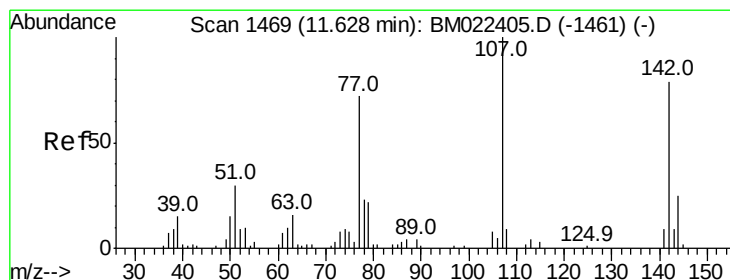
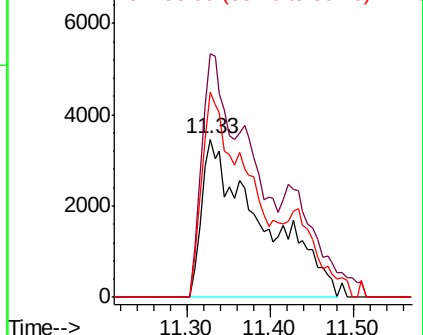
8/31/2019 2:43:45 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.419 ng/mL

RT: 11.62 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

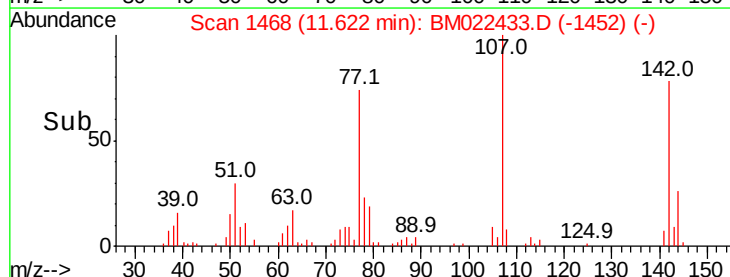
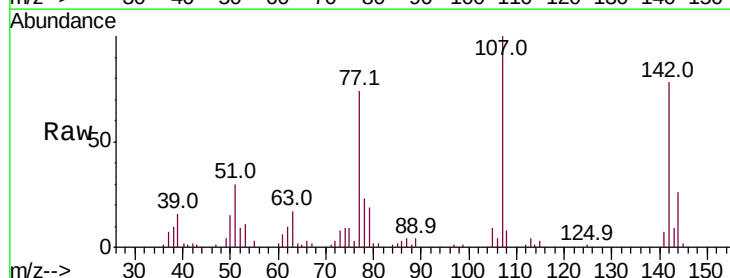
Tgt Ion:107 Resp: 67998

Ion Ratio Lower Upper

107 100

144 26.1 19.8 29.6

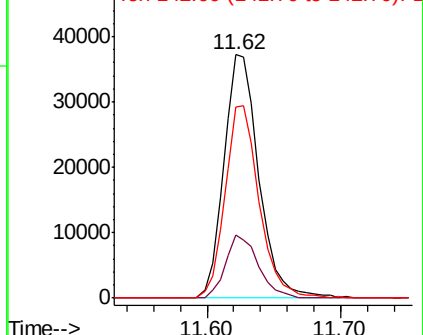
142 78.4 63.1 94.7

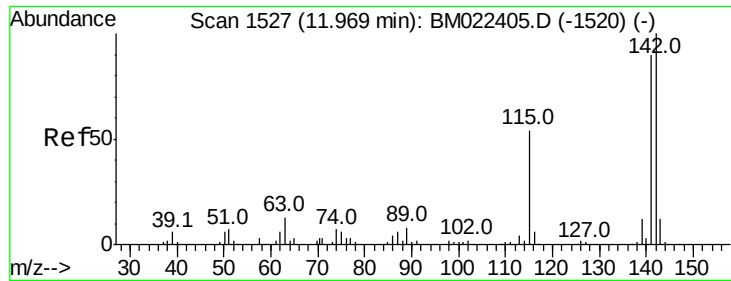


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





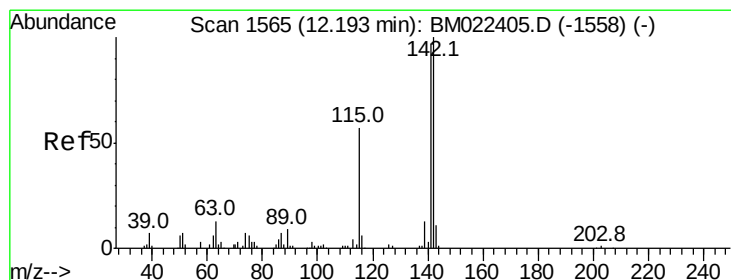
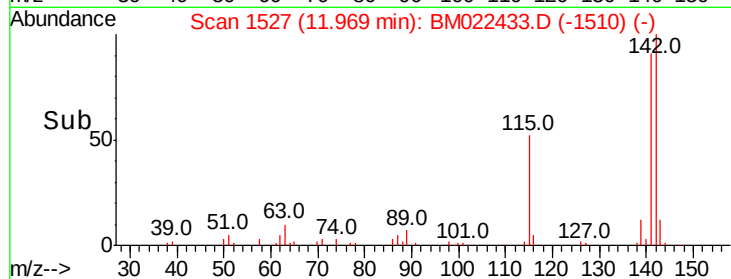
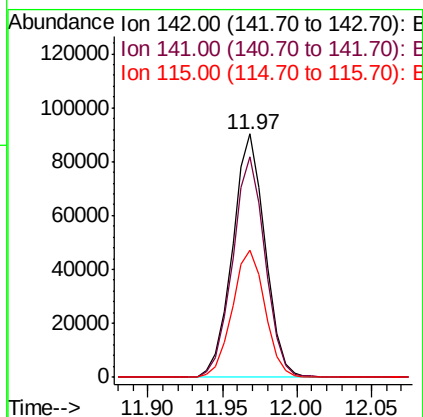
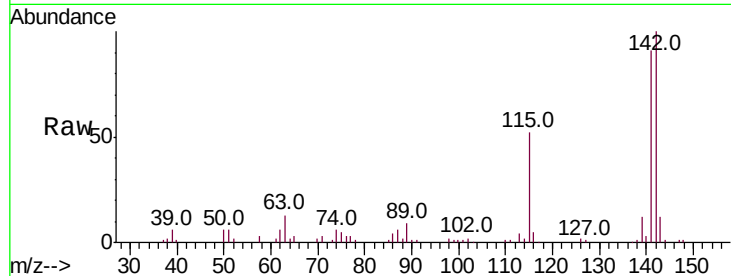
#37
2-Methylnaphthalene
Concen: 39.267 ng
RT: 11.97 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.2
115	52.0	43.2	64.8

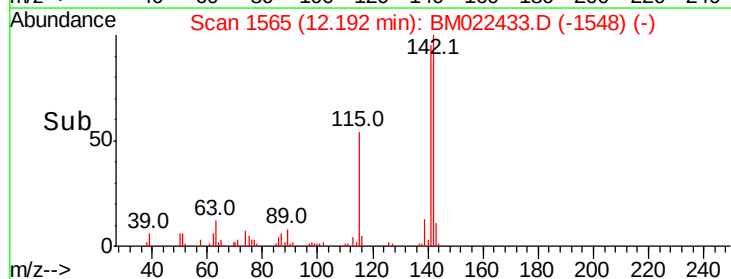
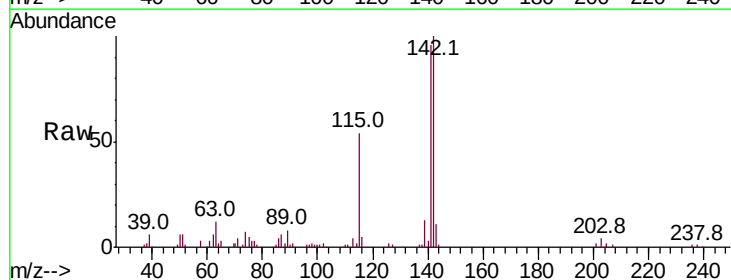
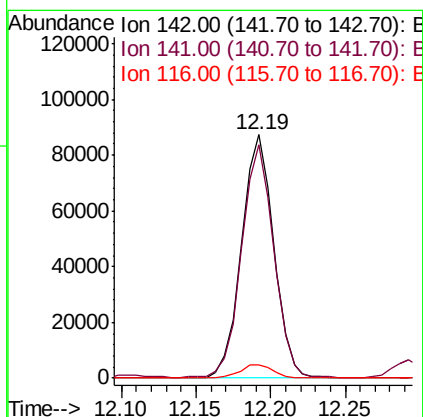
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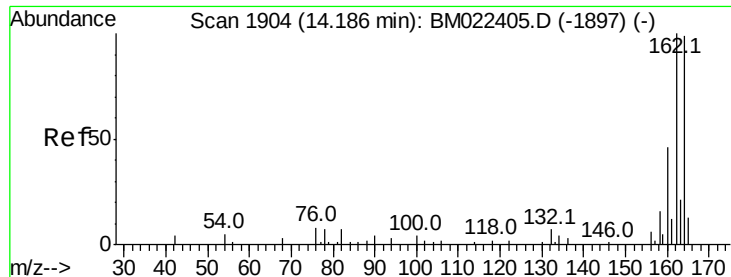
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8/31/2019 2:43:45 PM



#38
1-Methylnaphthalene
Concen: 38.511 ng
RT: 12.19 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	77.3	115.9
116	5.3	4.9	7.3





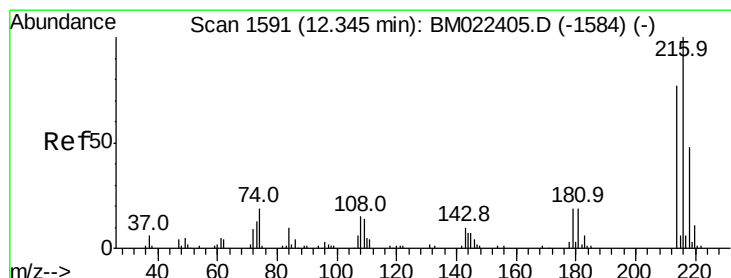
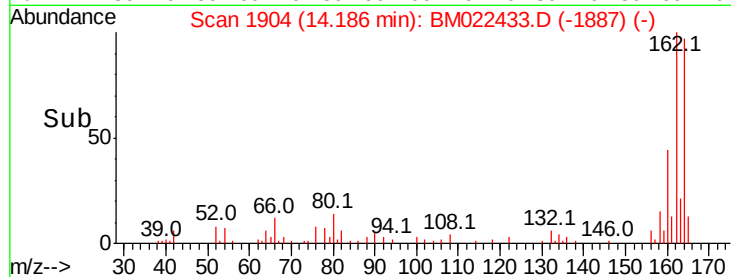
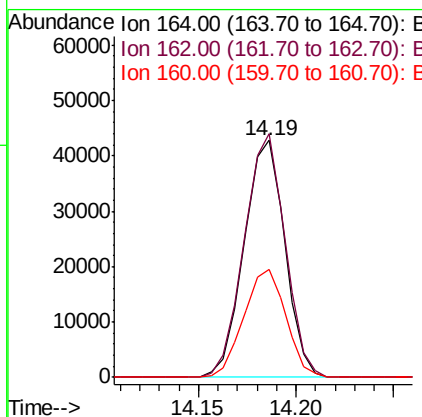
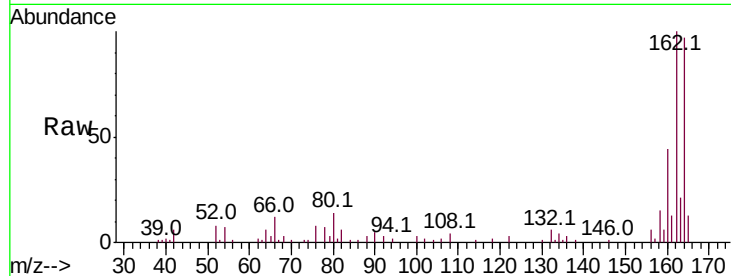
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

Tot Ion:	164	Resp:	61849
Ion Ratio	Lower	Upper	
164	100		
162	102.8	80.6	121.0
160	45.5	37.3	55.9

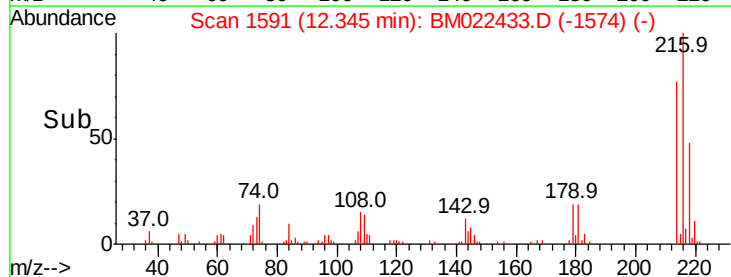
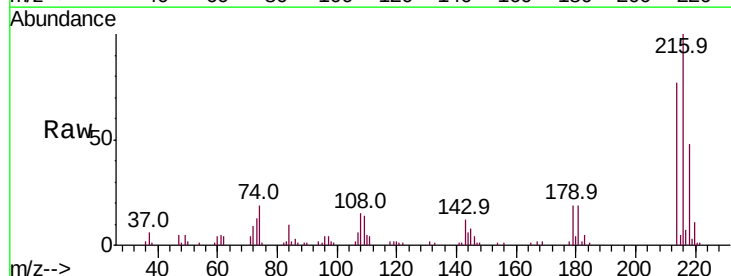
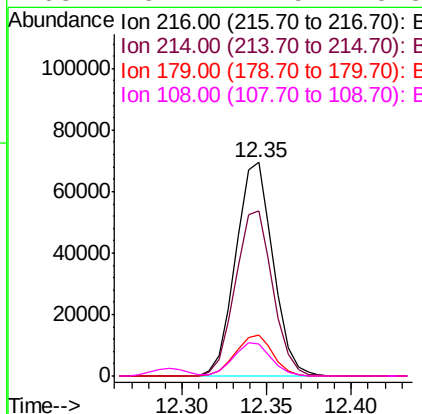
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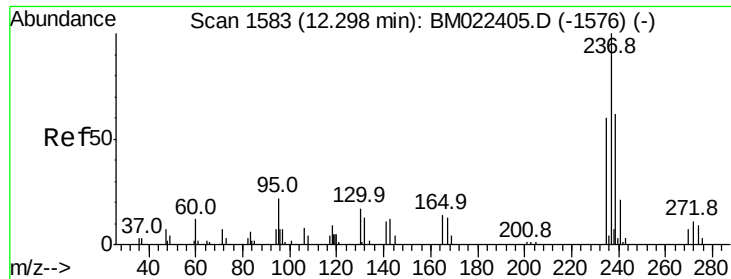
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 8/31/2019 2:43:45 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.346 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion:	216	Resp:	106685
Ion Ratio	Lower	Upper	
216	100		
214	77.3	61.0	91.4
179	19.0	15.2	22.8
108	15.7	12.9	19.3





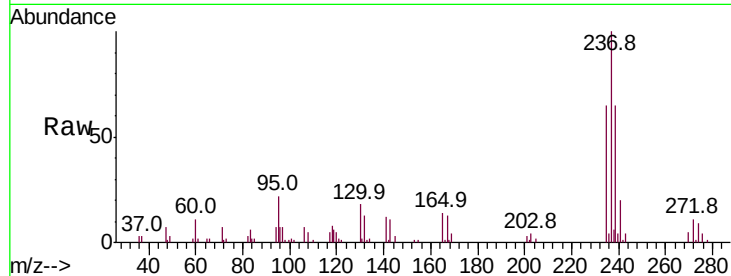
#41
Hexachlorocyclopentadiene
Concen: 63.842 ng
RT: 12.29 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

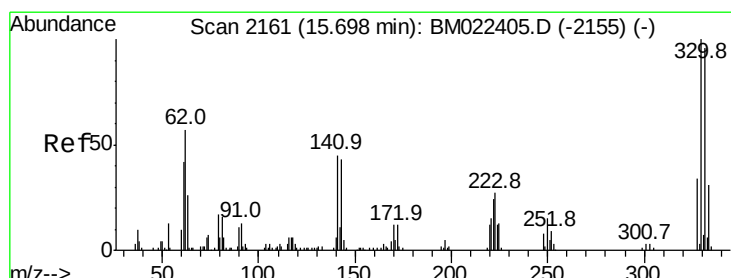
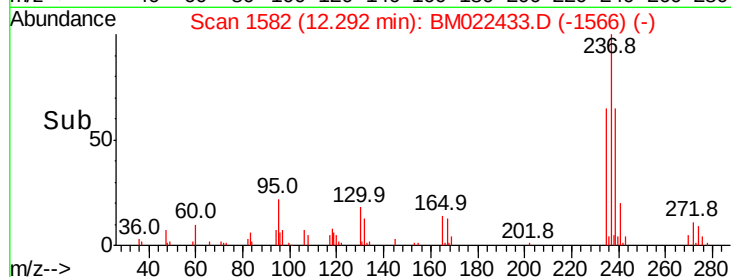
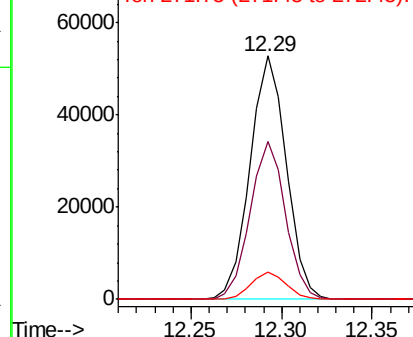
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.1	40.5	80.5
272	11.2	0.0	30.8

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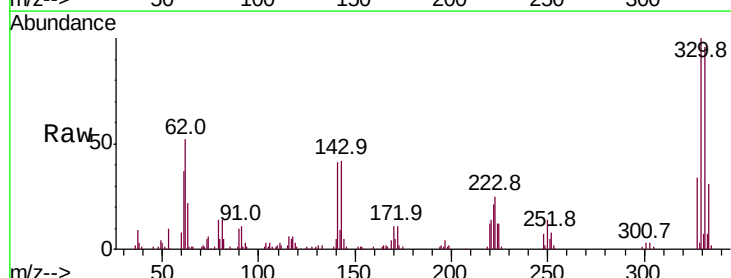


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

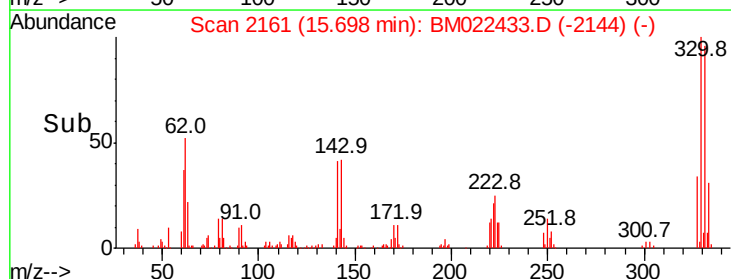
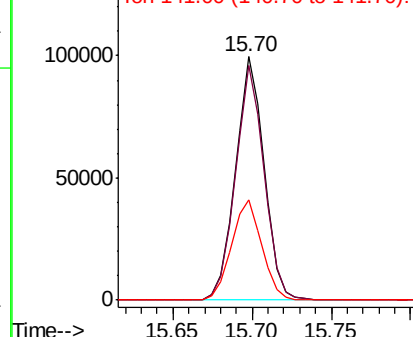


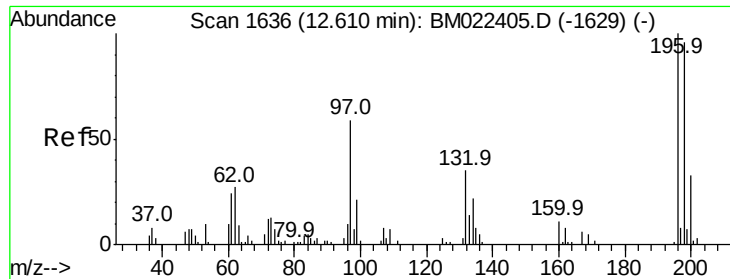
#42
2,4,6-Tribromophenol
Concen: 98.126 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.8	116.8
141	43.6	35.6	53.4



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





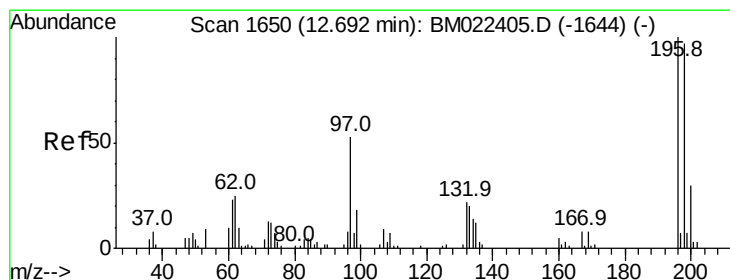
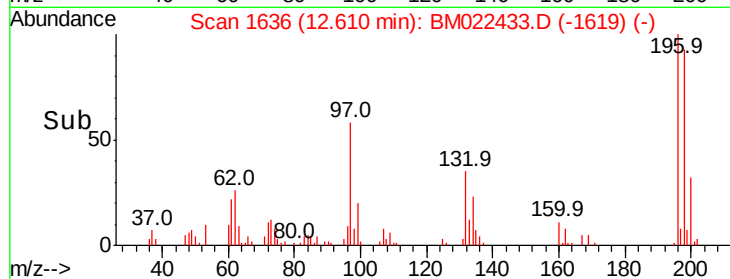
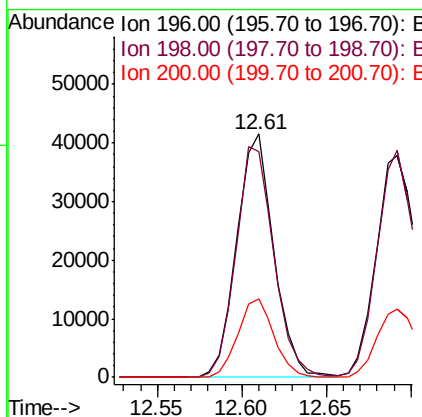
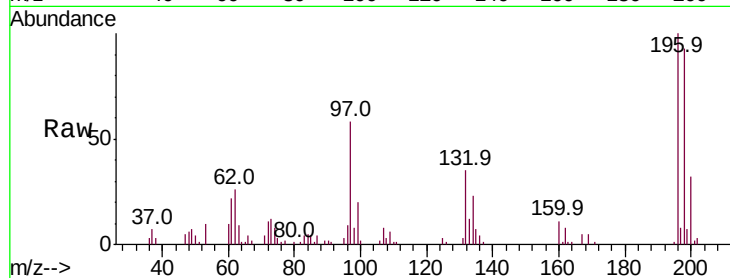
#43
 2,4,6-Trichlorophenol
 Concen: 40.097 ng
 RT: 12.61 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleID :
 PB122622BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63528		
198	92.8		77.0	115.6
200	32.3		26.3	39.5

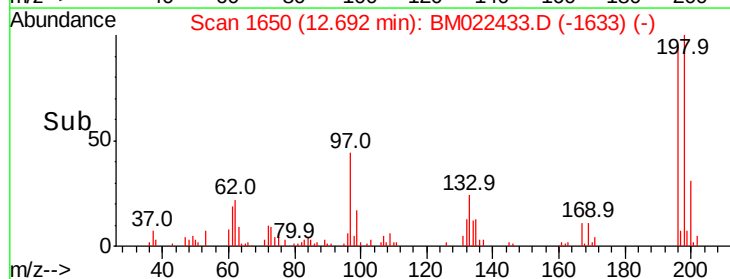
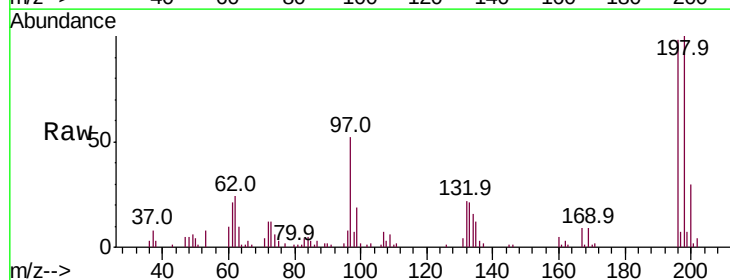
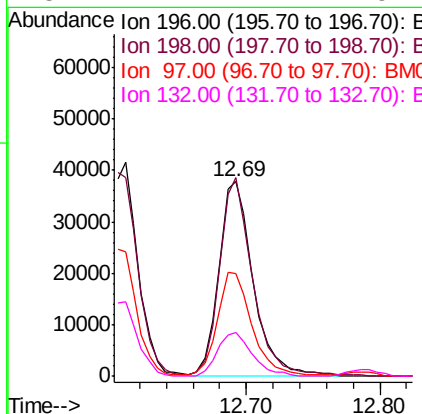
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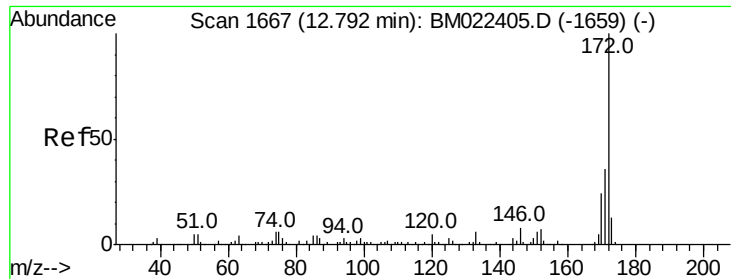
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.480 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68308		
198	102.4		76.6	115.0
97	52.8		41.7	62.5
132	22.7		17.1	25.7





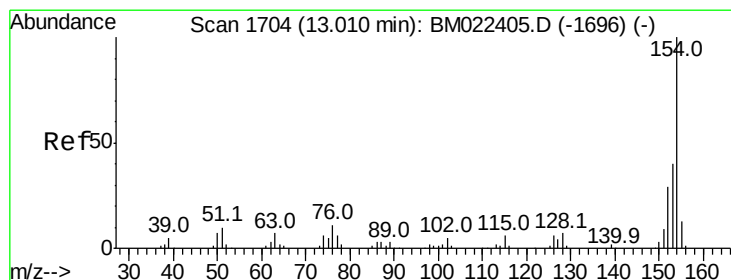
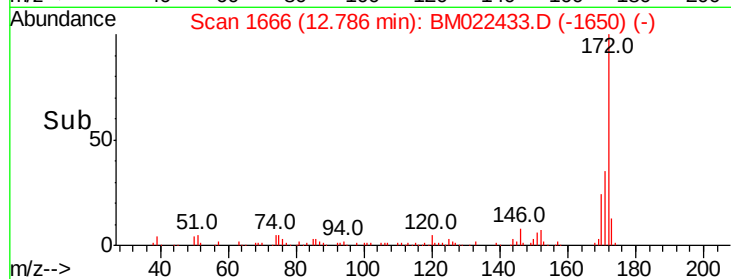
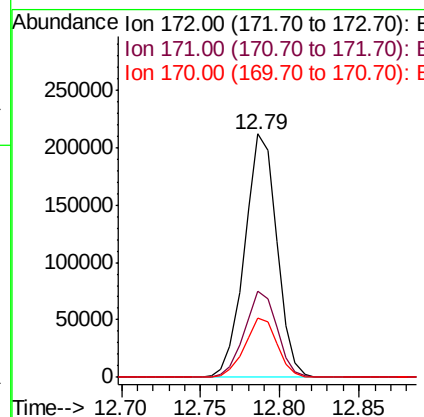
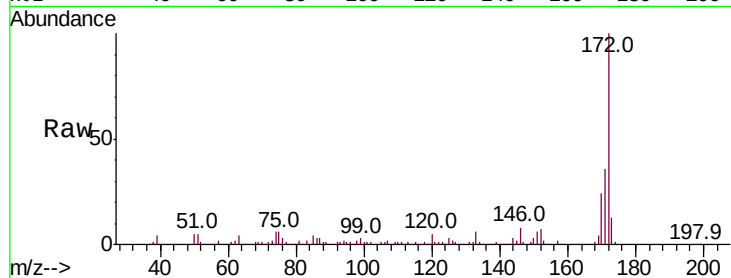
#45
2-Fluorobiphenyl
Concen: 54.667 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	298459		
171	35.5		28.5	42.7
170	24.2		18.9	28.3

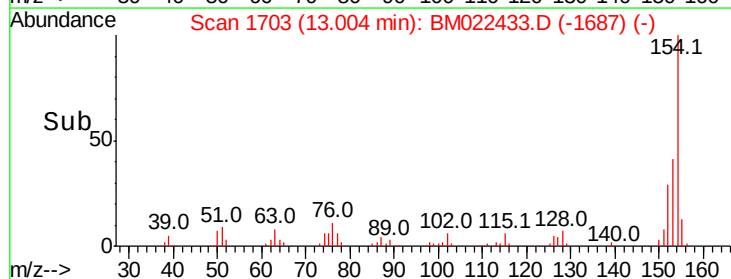
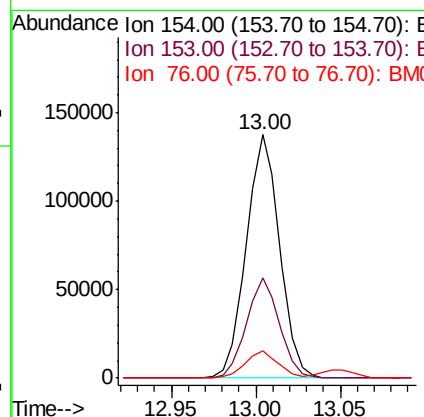
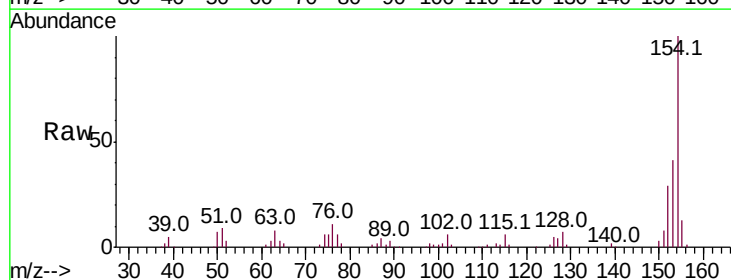
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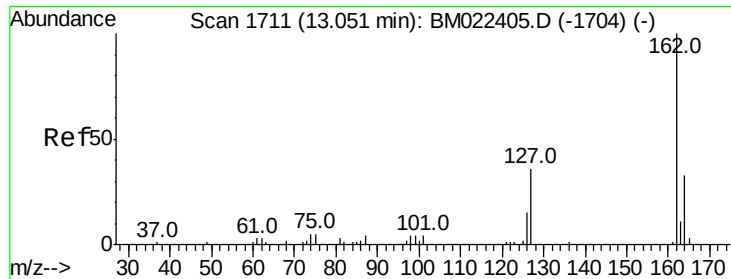
mohammad
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#46
1,1'-Biphenyl
Concen: 37.319 ng
RT: 13.00 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	188596		
153	41.2		20.4	60.4
76	11.2		0.0	30.9





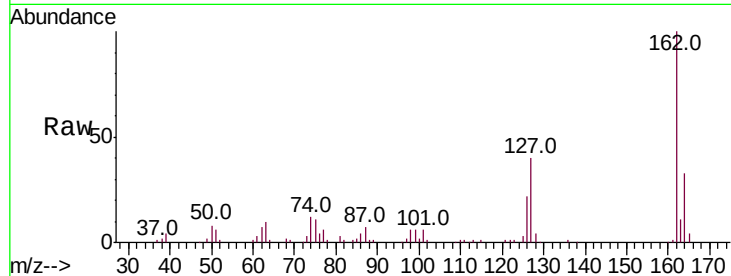
#47
 2-Chloronaphthalene
 Concen: 37.196 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampled :
 PB122622BS

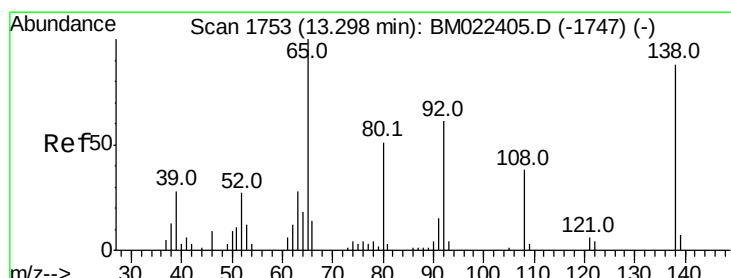
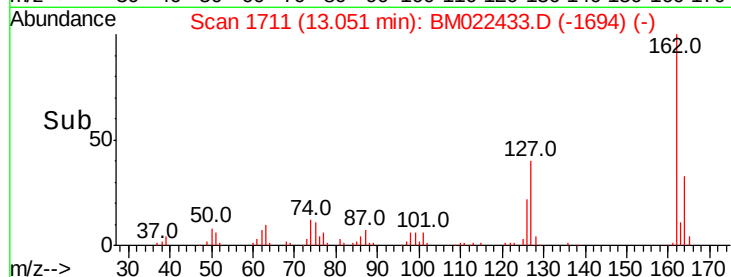
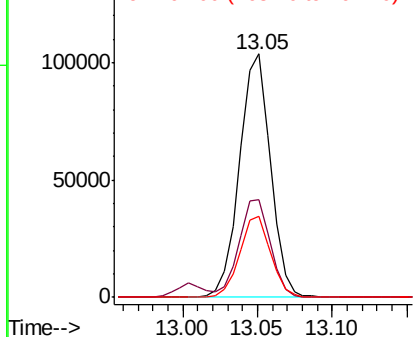
Tot Ion	Ratio	Resp	Lower	Upper
162	100	149258		
127	40.2		32.6	49.0
164	33.4		26.2	39.4

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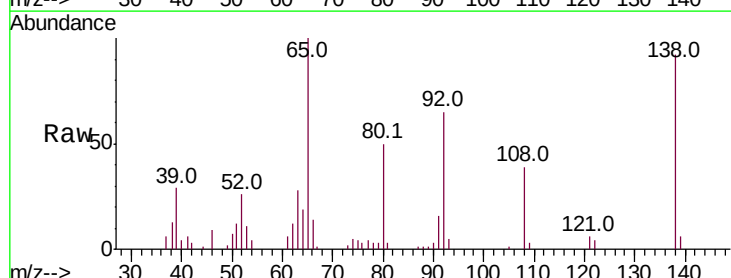


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

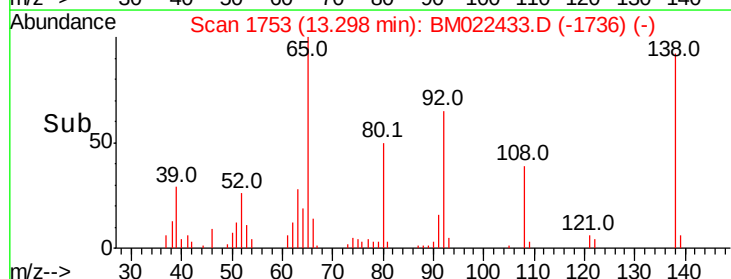
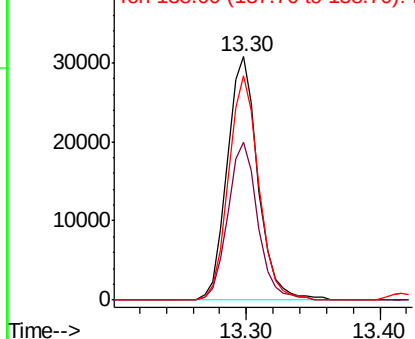


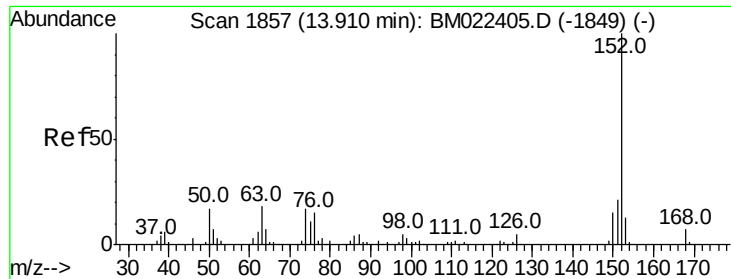
#48
 2-Nitroaniline
 Concen: 38.413 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	49644		
92	64.7		49.1	73.7
138	92.2		70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.077 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

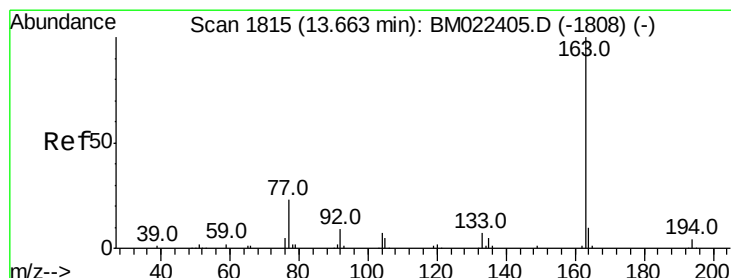
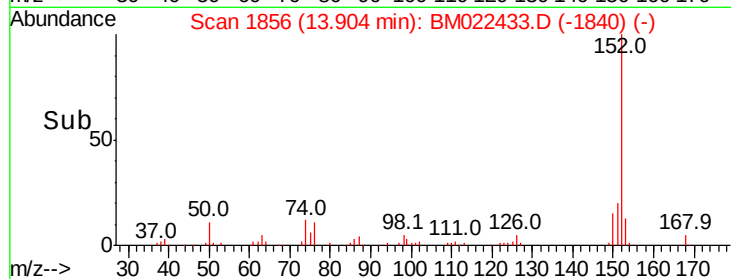
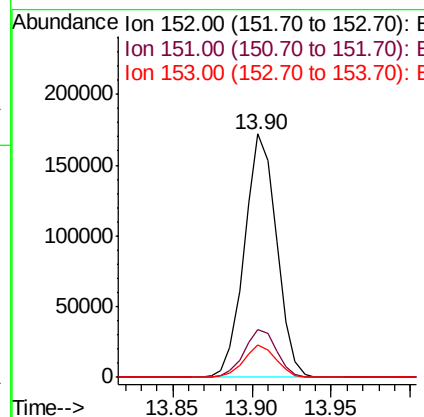
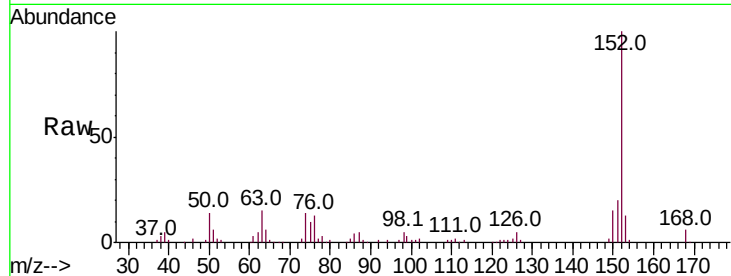
ClientSampleId :

PB122622BS

Tot Ion:	152	Resp:	242718
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.9	25.3
153	13.2	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.084 ng

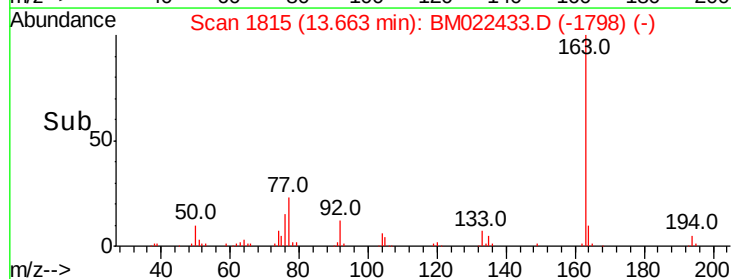
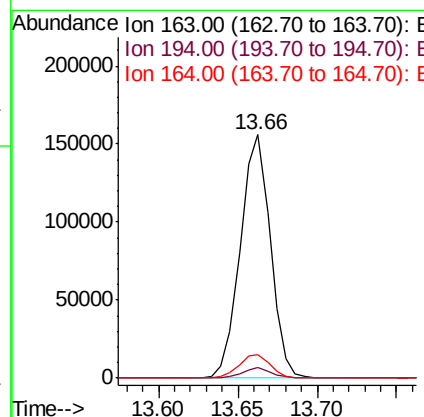
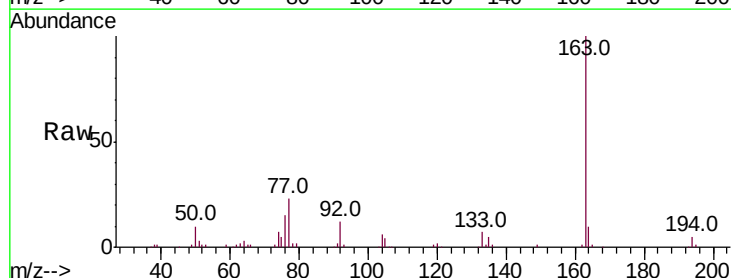
RT: 13.66 min Scan# 1815

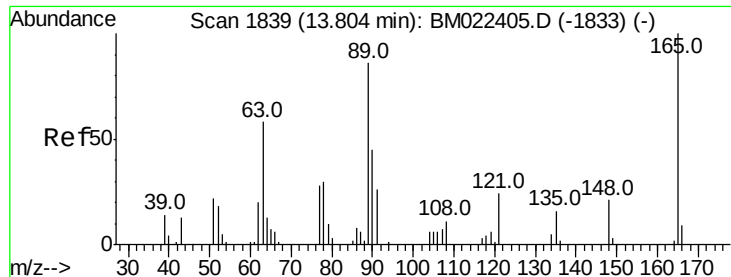
Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Tgt Ion:	163	Resp:	204868
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	9.8	8.2	12.2





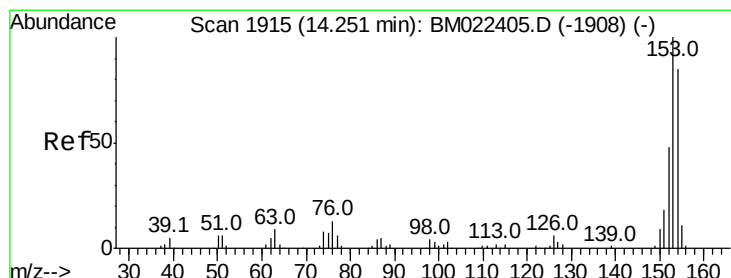
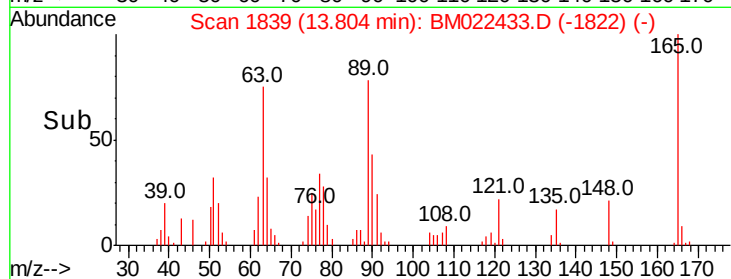
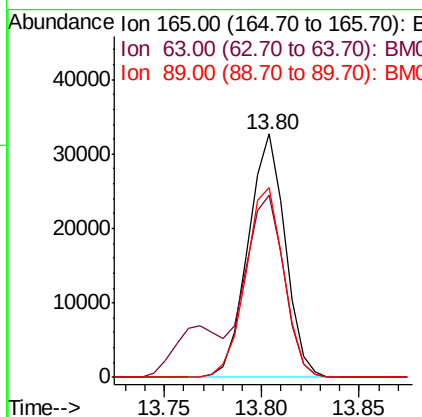
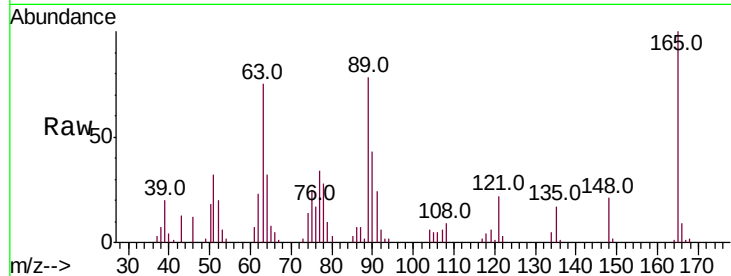
#51
2,6-Dinitrotoluene
Concen: 40.636 ng
RT: 13.80 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	74.7	65.4	98.2
89	77.9	69.0	103.6

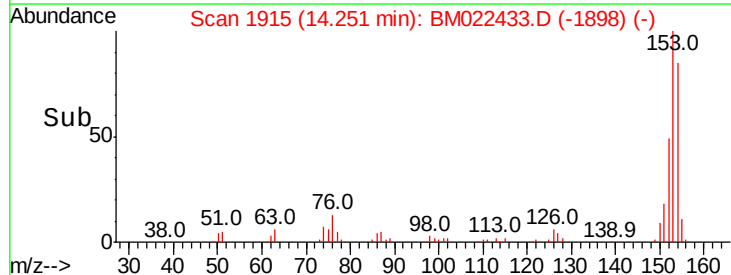
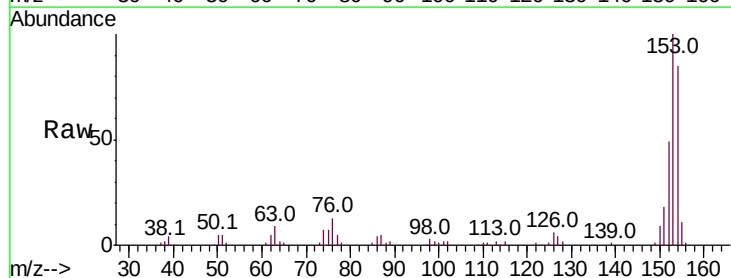
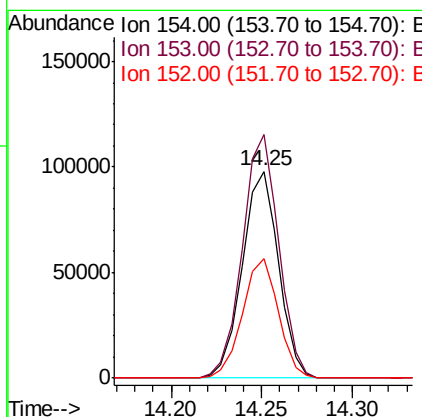
Manual Integrations
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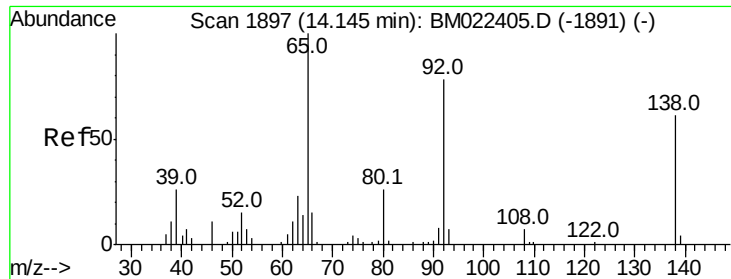
mohammad
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#52
Acenaphthene
Concen: 37.533 ng
RT: 14.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.8	94.3	141.5
152	57.5	45.4	68.2





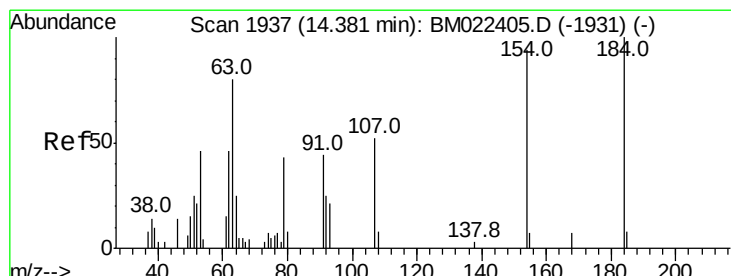
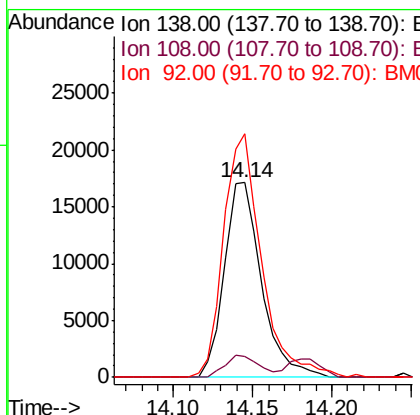
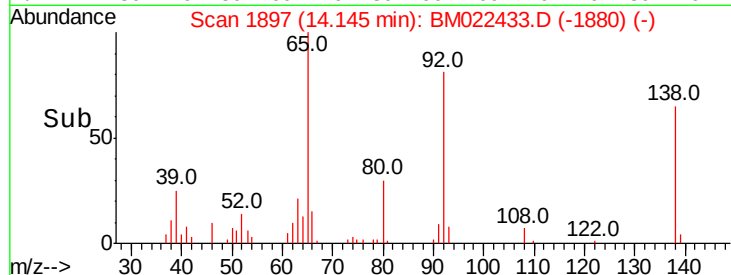
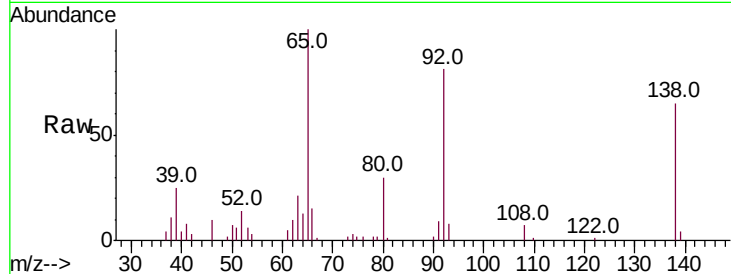
#53
 3-Nitroaniline
 Concen: 27.445 ng
 RT: 14.14 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

Tot Ion:	138	Resp:	27847
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	124.9	103.3	154.9

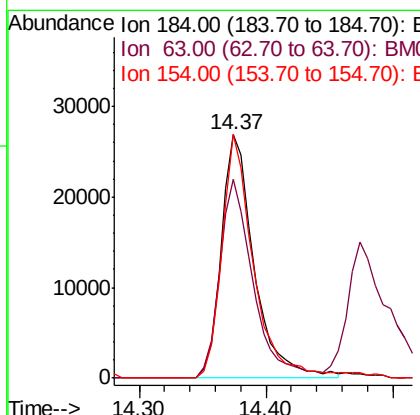
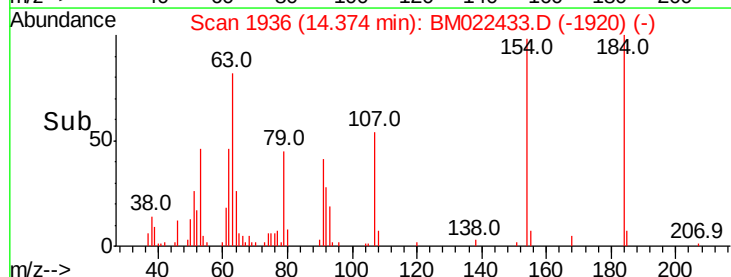
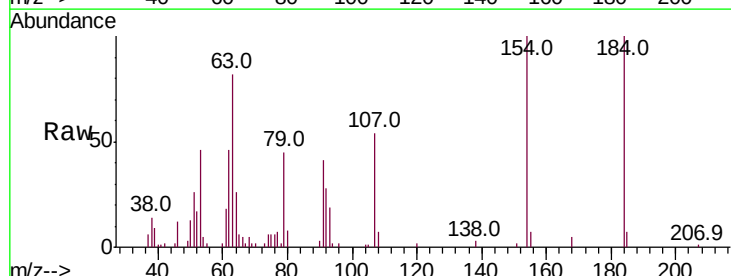
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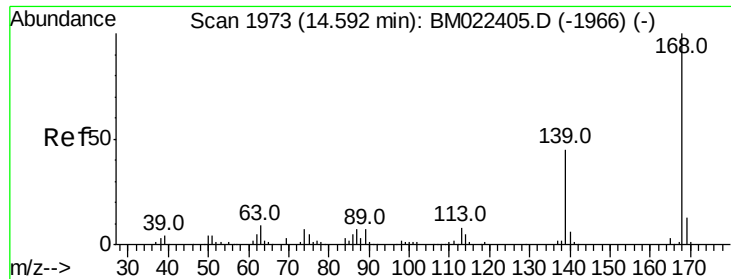
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#54
 2,4-Dinitrophenol
 Concen: 76.398 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion:	184	Resp:	48272
Ion Ratio	Lower	Upper	
184	100		
63	81.6	63.8	95.8
154	99.8	75.0	112.6





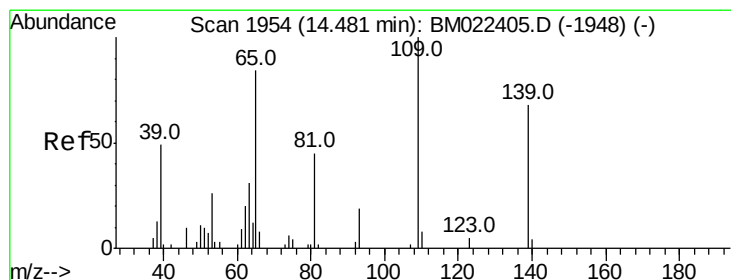
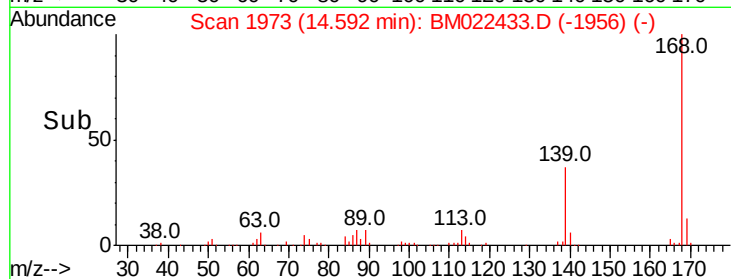
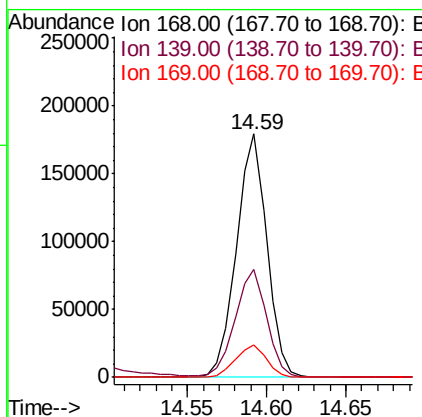
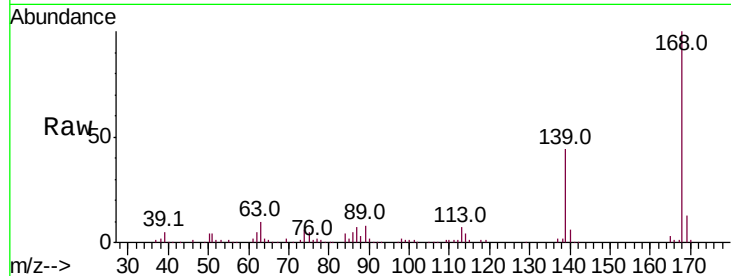
#55
Dibenzenofuran
Concen: 38.877 ng
RT: 14.59 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	237877		
139	44.3		36.1	54.1
169	13.2		10.4	15.6

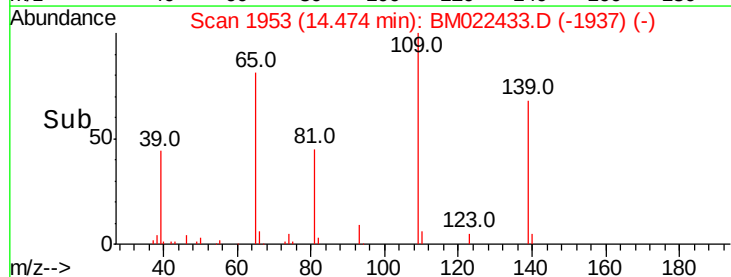
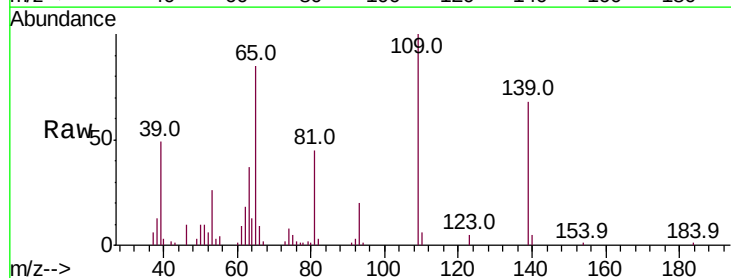
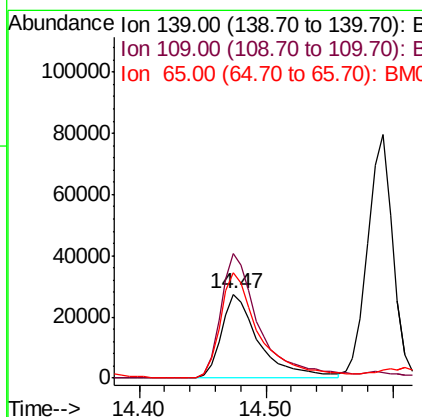
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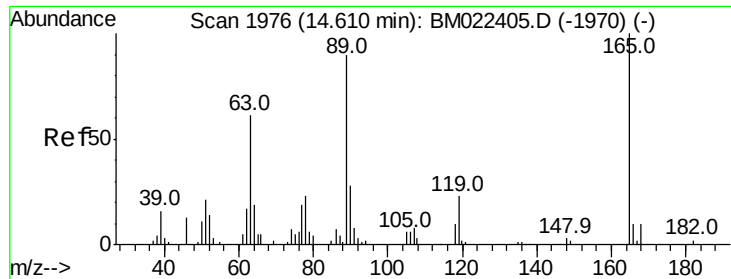
mohammad
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#56
4-Nitrophenol
Concen: 83.112 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	56933		
109	147.9		128.0	168.0
65	125.2		104.3	144.3





#57

2,4-Dinitrotoluene

Concen: 40.165 ng

RT: 14.61 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

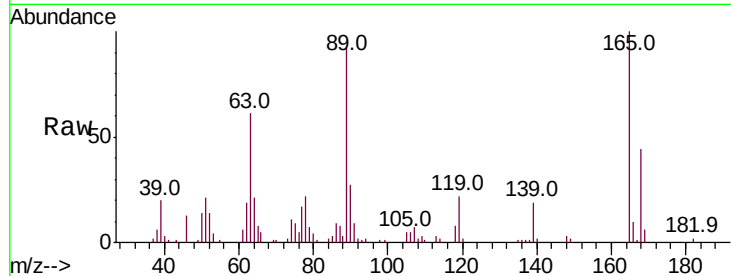
ClientSampleId :

PB122622BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		61021		
63	61.5	54.6	82.0		
89	91.7	74.5	111.7		
182	2.4	1.7	2.5		

Manual Integrations
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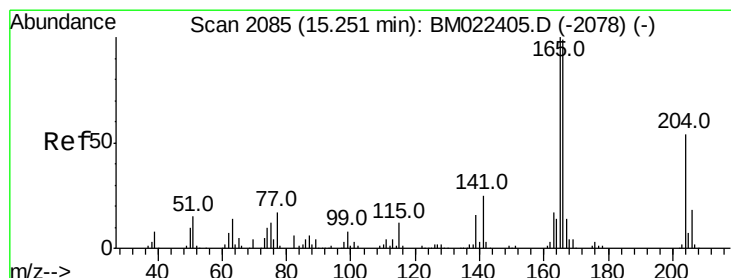
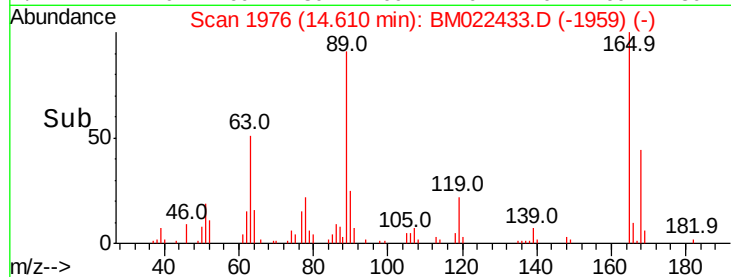
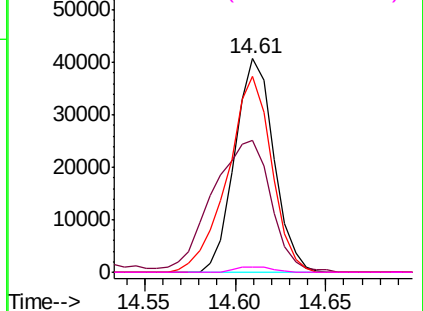
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.055 ng

RT: 15.24 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

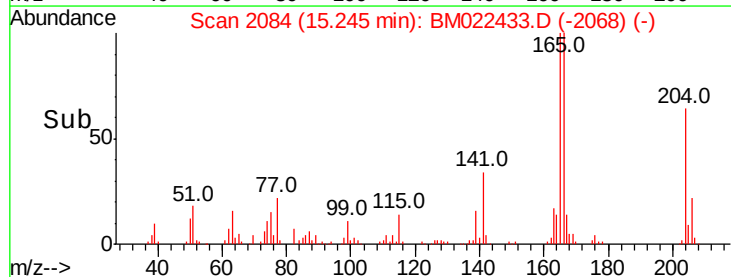
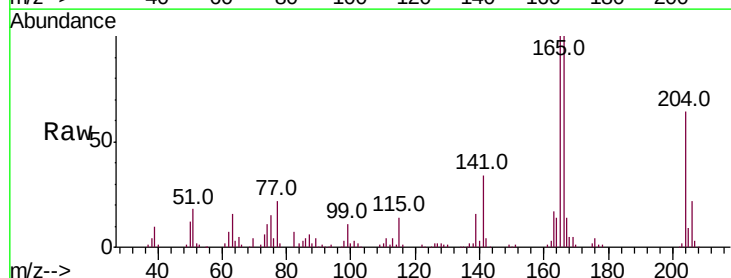
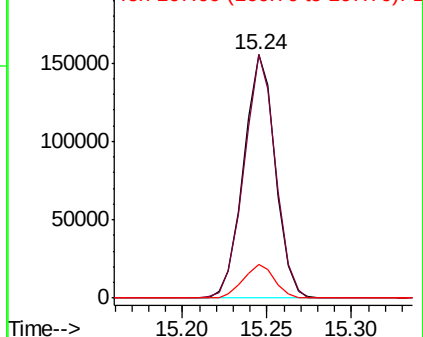
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		202560		
165	100.0	81.1	121.7		
167	14.1	11.1	16.7		

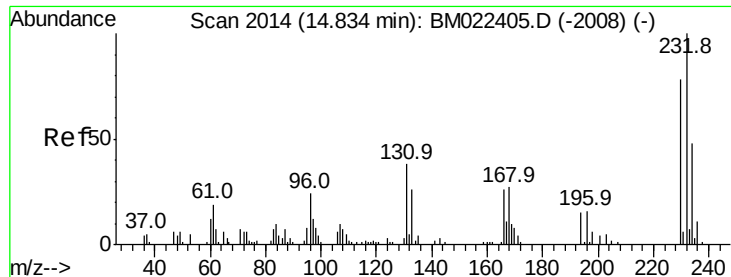
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.383 ng

RT: 14.83 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

ClientSampleId :

PB122622BS

Tot Ion:232 Resp: 67957

Ion Ratio Lower Upper

232 100

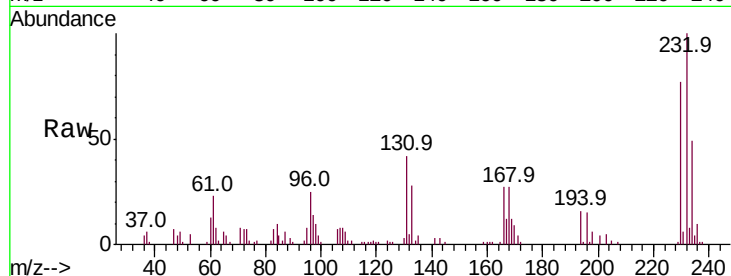
131 43.1 32.0 48.0

130 2.5 2.4 3.6

166 27.7 20.2 30.2

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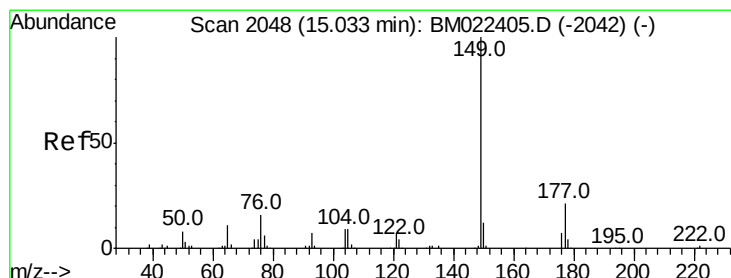
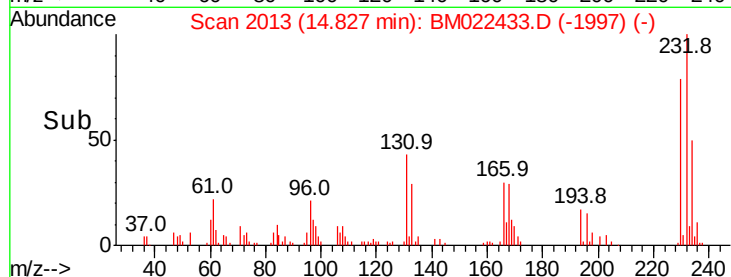
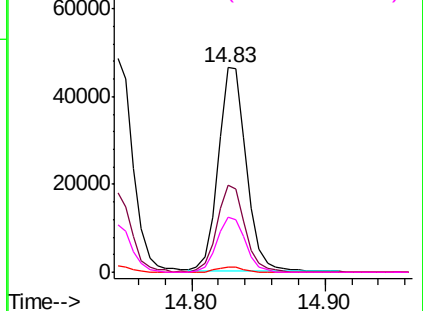


Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.700 ng

RT: 15.03 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

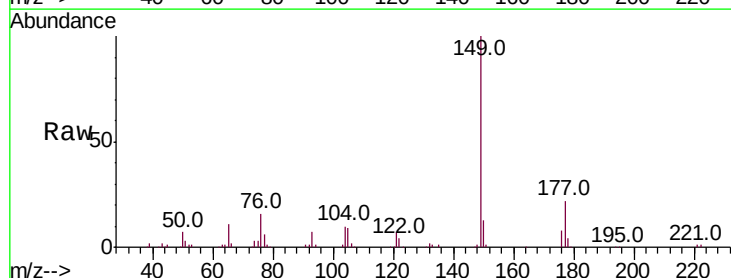
Tgt Ion:149 Resp: 211834

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

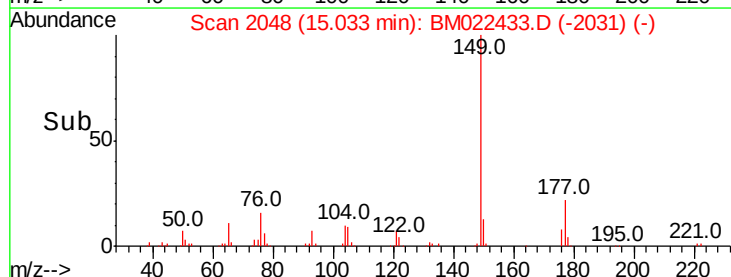
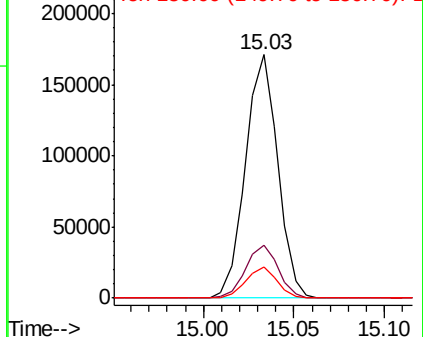
150 12.9 9.8 14.8

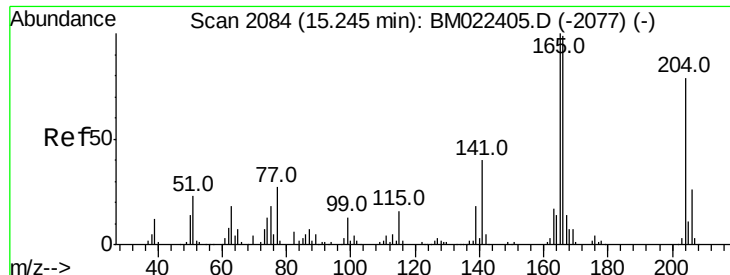


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





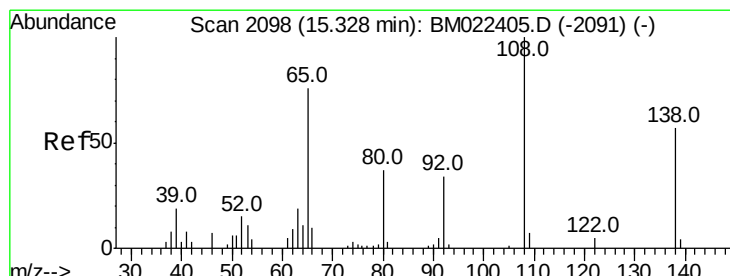
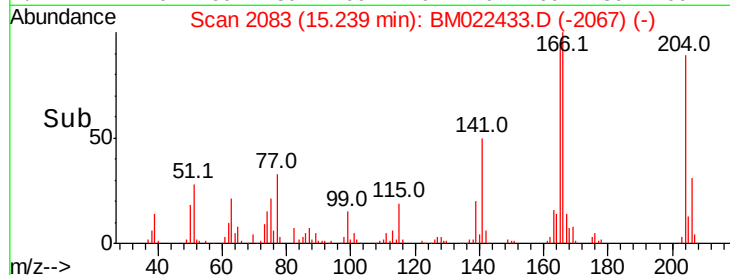
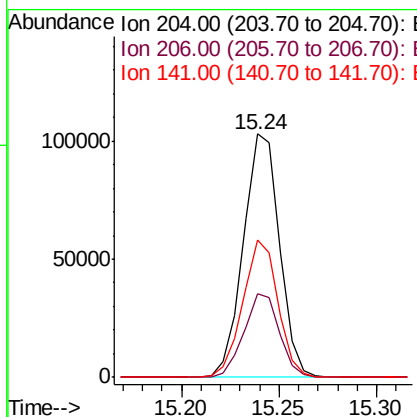
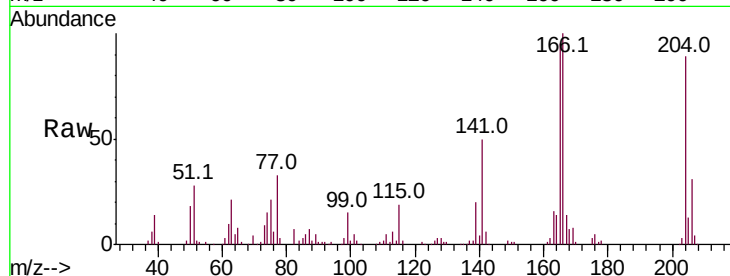
#61
 4-Chlorophenyl-phenylether
 Concen: 35.188 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampled :
 PB122622BS

Tot Ion:	204	Resp:	132273
Ion Ratio	Lower	Upper	
204	100		
206	34.4	26.2	39.4
141	56.3	40.6	60.8

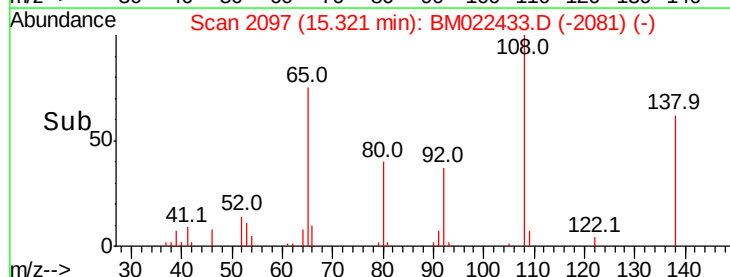
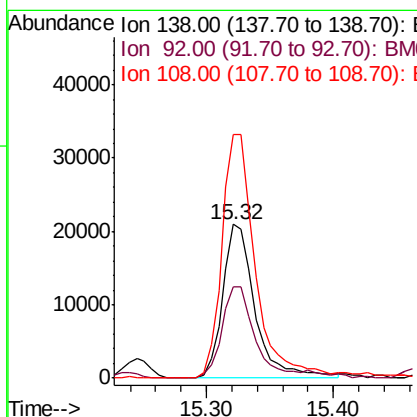
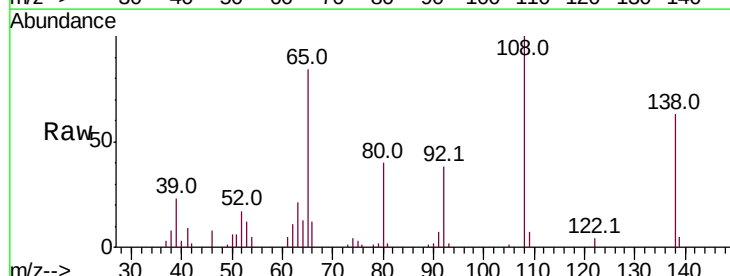
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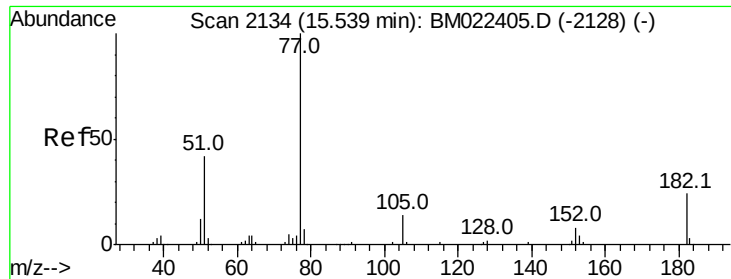
mohammad
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#62
 4-Nitroaniline
 Concen: 39.015 ng
 RT: 15.32 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion:	138	Resp:	37051
Ion Ratio	Lower	Upper	
138	100		
92	59.6	40.5	80.5
108	158.6	156.8	196.8





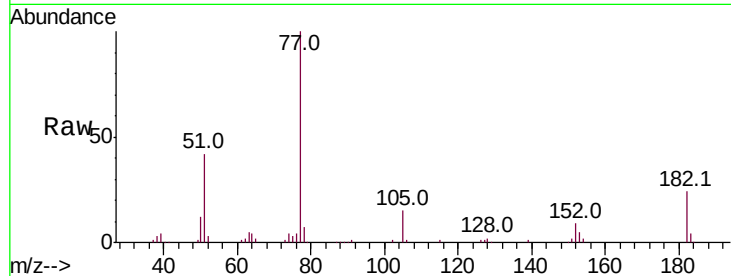
#63
Azobenzene
Concen: 38.380 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	3.5	43.5
105	15.5	0.0	34.2
51	41.9	21.8	61.8

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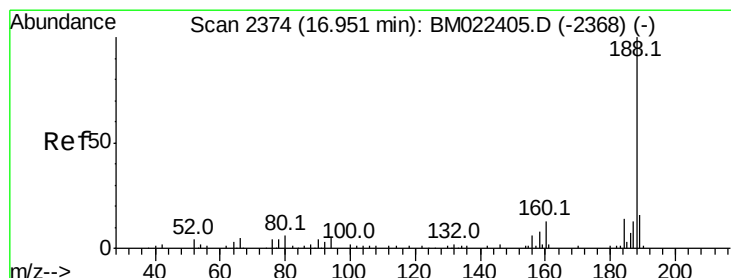
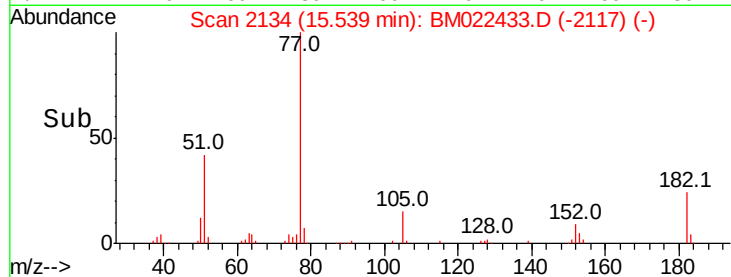
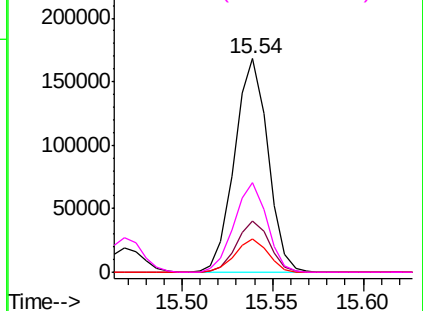
Abundance

Ion 77.00 (76.70 to 77.70): BM022433.D (-2117) (-)

Ion 182.00 (181.70 to 182.70): BM022433.D (-2117) (-)

Ion 105.00 (104.70 to 105.70): BM022433.D (-2117) (-)

Ion 51.00 (50.70 to 51.70): BM022433.D (-2117) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

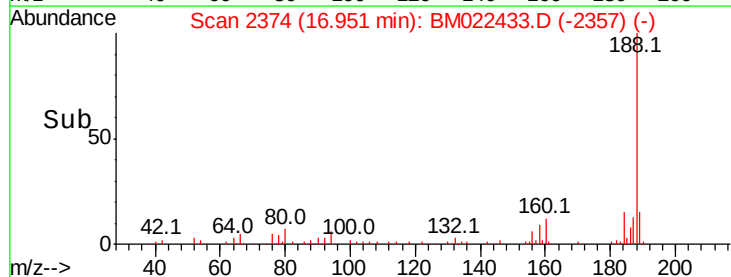
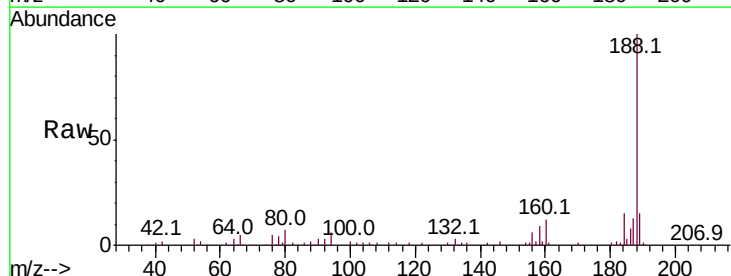
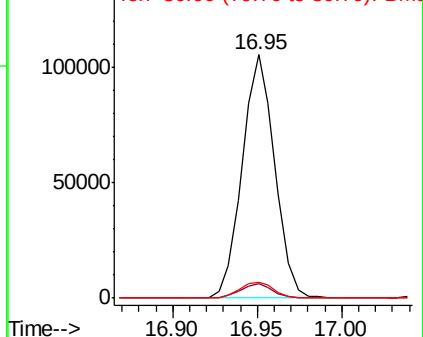
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.4	6.6
80	6.7	5.0	7.6

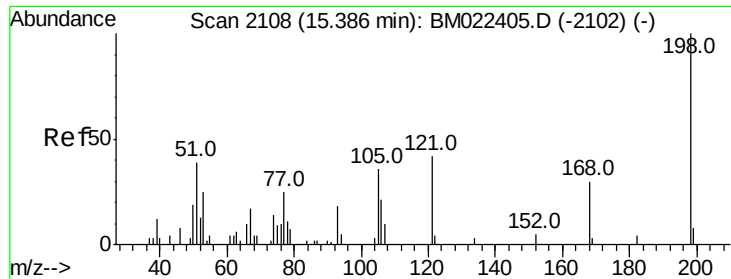
Abundance

Ion 188.00 (187.70 to 188.70): BM022433.D (-2357) (-)

Ion 94.00 (93.70 to 94.70): BM022433.D (-2357) (-)

Ion 80.00 (79.70 to 80.70): BM022433.D (-2357) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.633 ng

RT: 15.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

ClientSampleId :

PB122622BS

Tot Ion:198 Resp: 37627

Ion Ratio Lower Upper

198 100

51 46.5 21.0 61.0

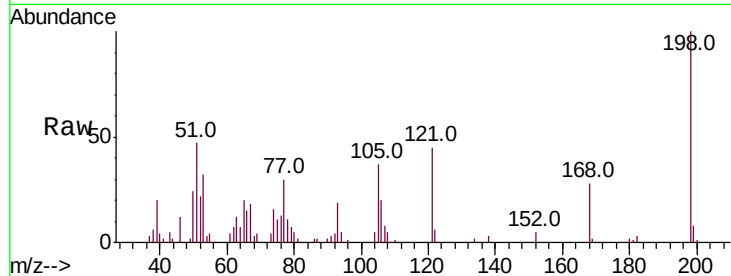
105 36.7 16.1 56.1

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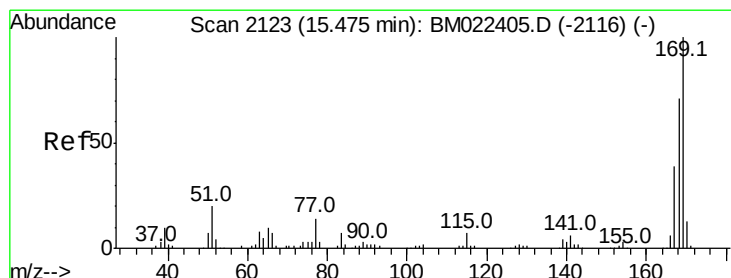
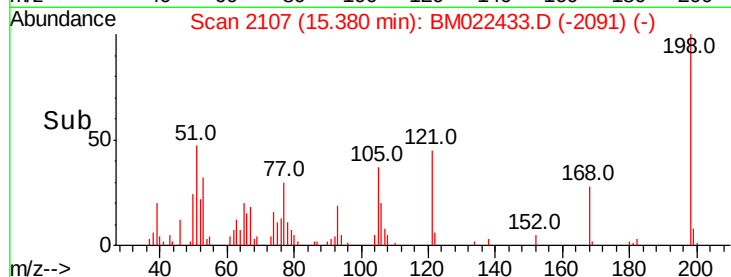
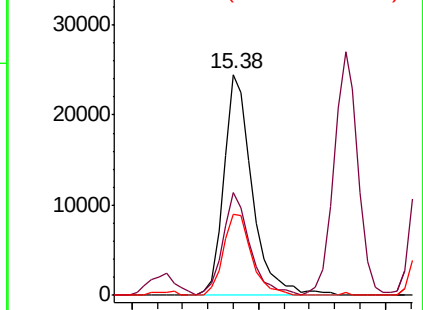
8/31/2019 2:43:45 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.797 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

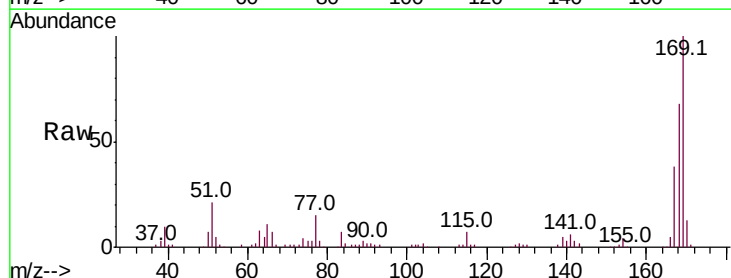
Tgt Ion:169 Resp: 169751

Ion Ratio Lower Upper

169 100

168 68.3 56.7 85.1

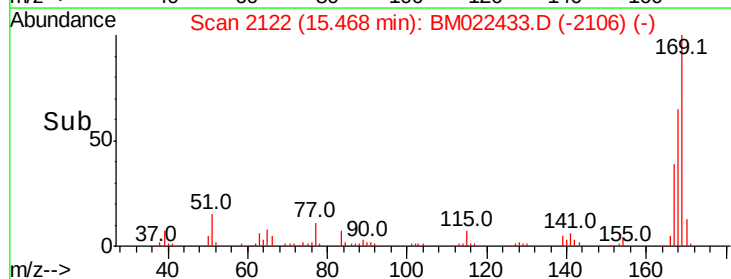
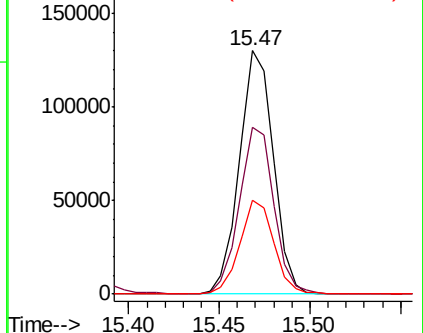
167 38.4 30.8 46.2

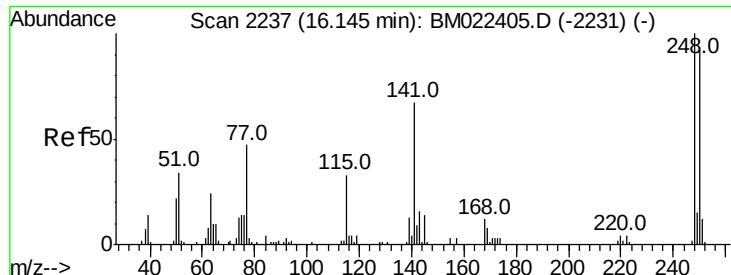


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.984 ng

RT: 16.14 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

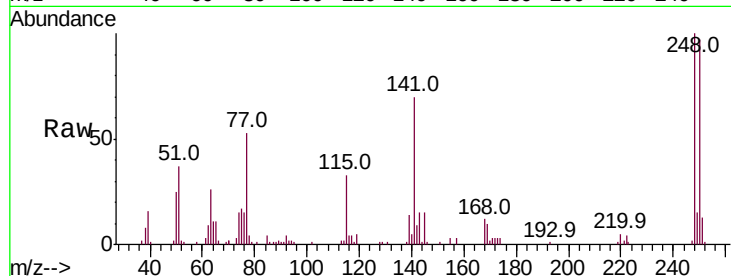
ClientSampleId :

PB122622BS

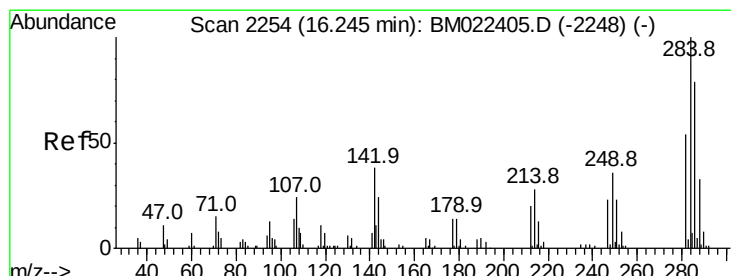
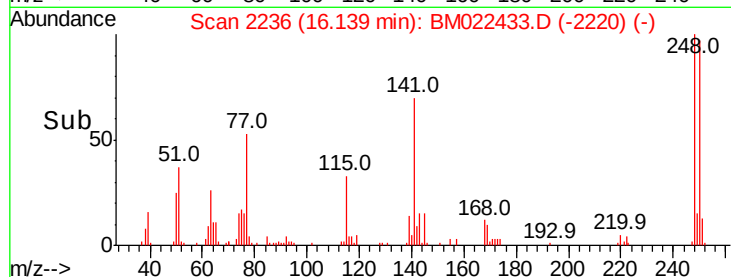
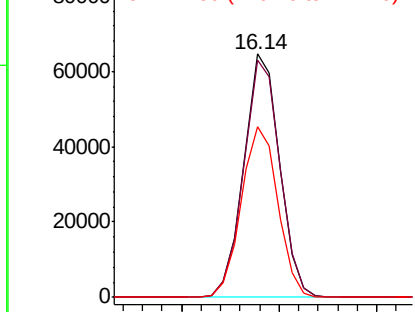
Tot Ion:	248	Resp:	82210
Ion Ratio	Lower	Upper	
248	100		
250	97.5	73.6	110.4
141	70.3	53.3	79.9

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 35.786 ng

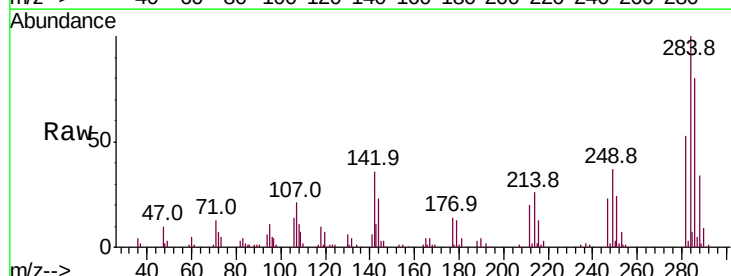
RT: 16.24 min Scan# 2254

Delta R.T. -0.00 min

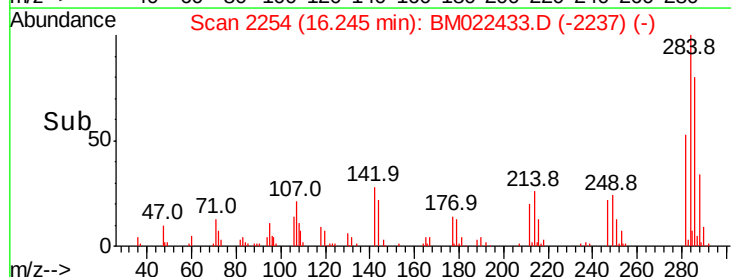
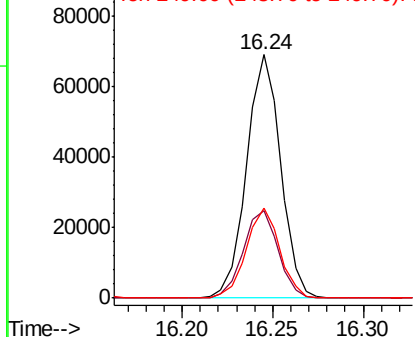
Lab File: BM022433.D

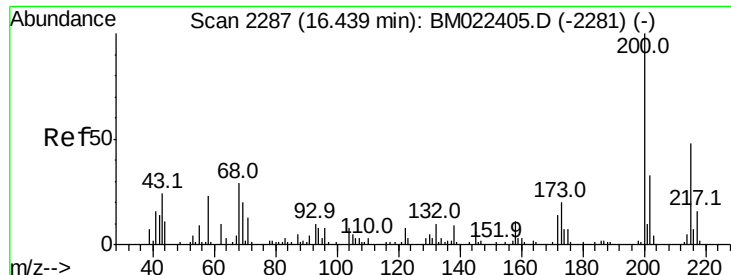
Acq: 30 Aug 2019 09:44

Tgt Ion:	284	Resp:	90107
Ion Ratio	Lower	Upper	
284	100		
142	35.7	30.2	45.4
249	36.9	28.8	43.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





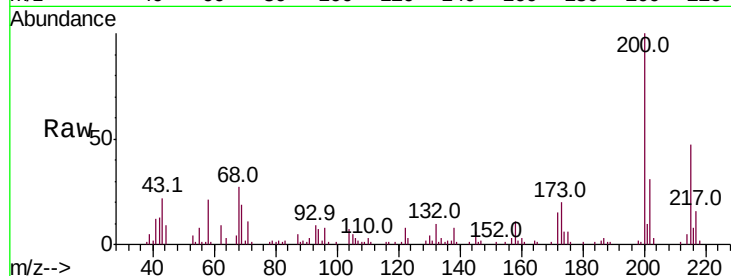
#69
Atrazine
Concen: 38.913 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	19.9	0.0	39.9
215	46.7	27.8	67.8

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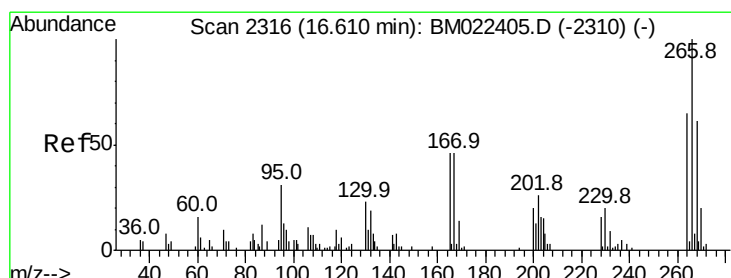
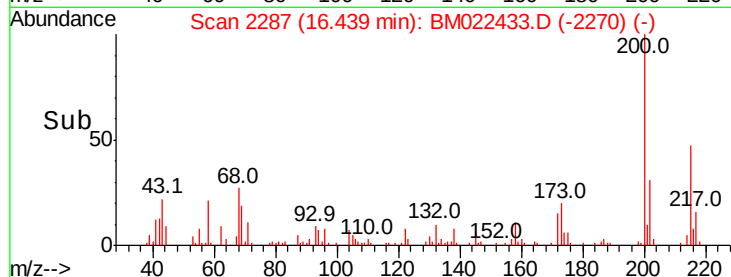
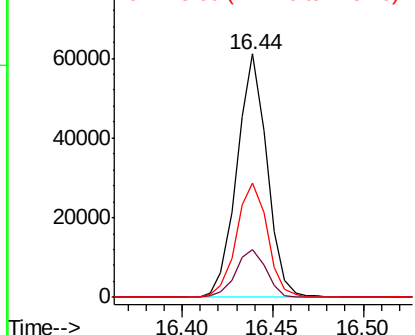


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 92.872 ng
RT: 16.61 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

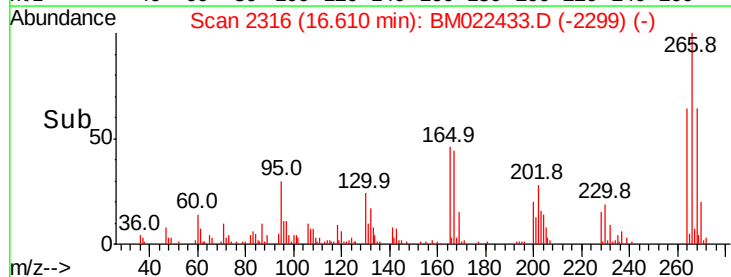
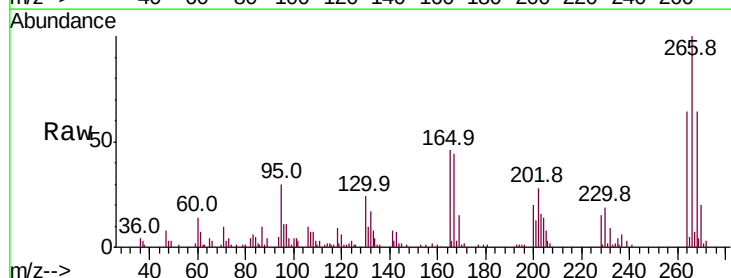
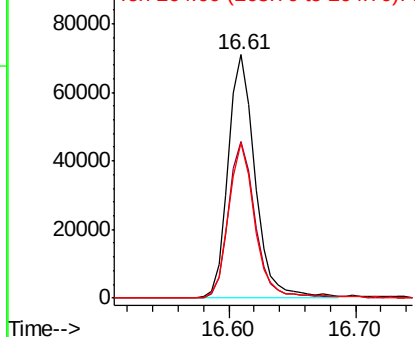
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	48.4	72.6
264	63.9	51.7	77.5

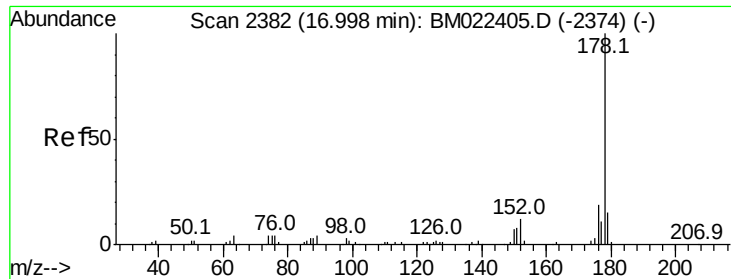
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





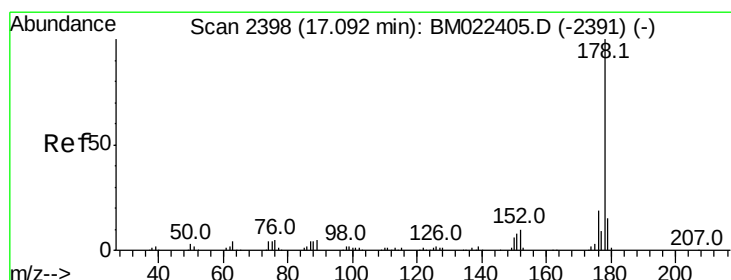
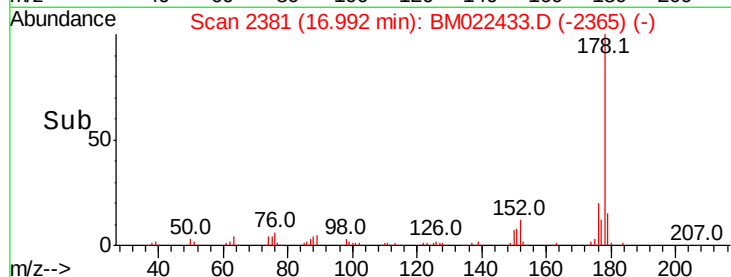
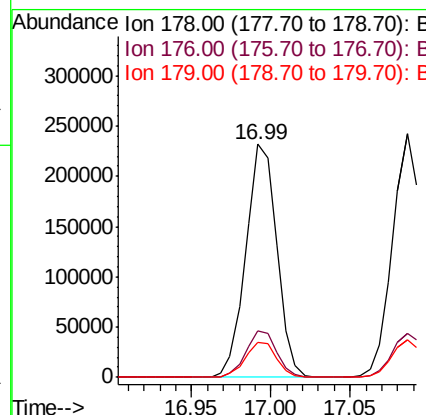
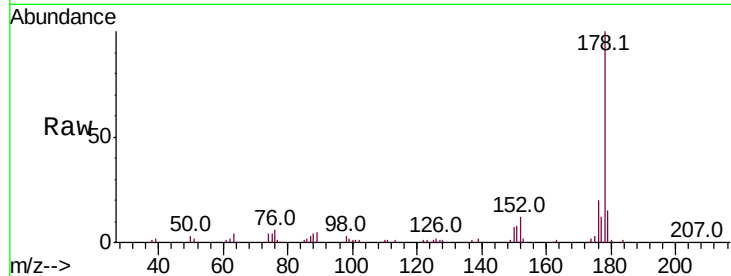
#71
Phenanthrene
Concen: 38.239 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	15.1	12.3	18.5

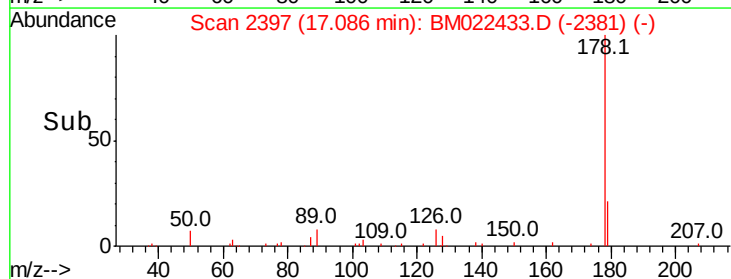
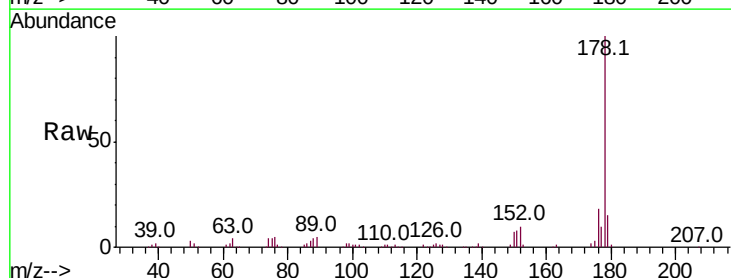
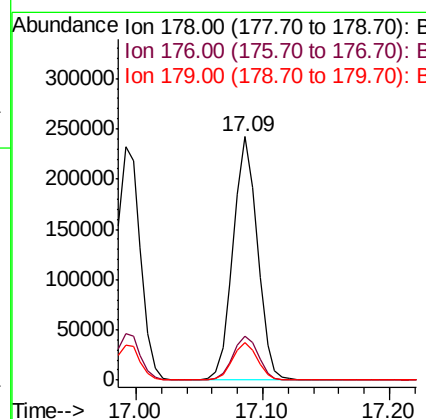
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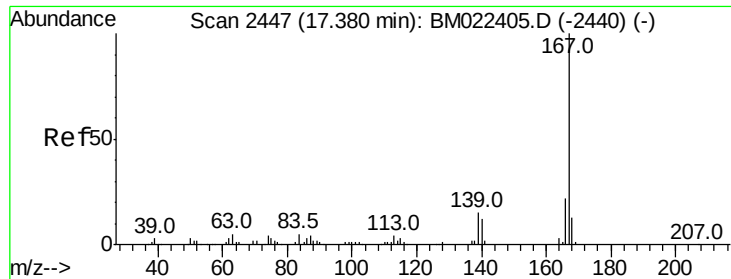
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#72
Anthracene
Concen: 39.605 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.3	11.8	17.6





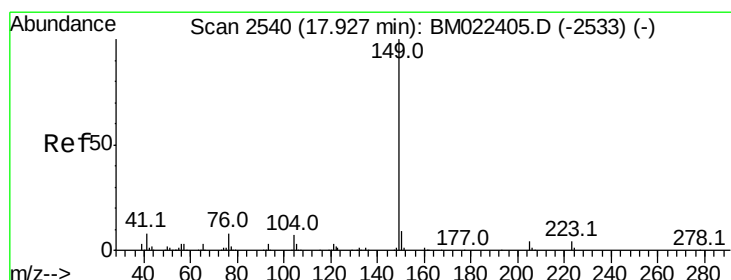
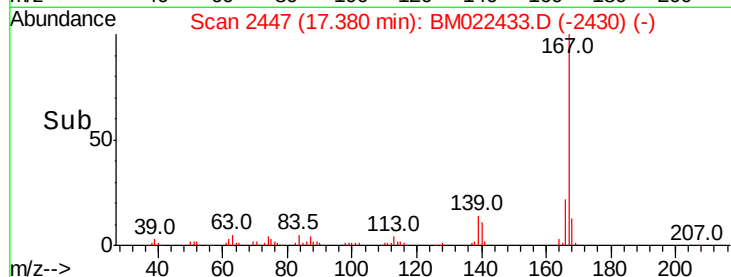
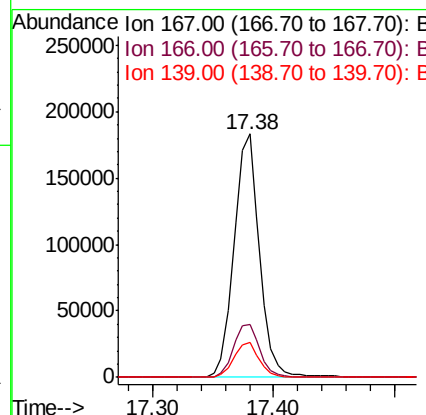
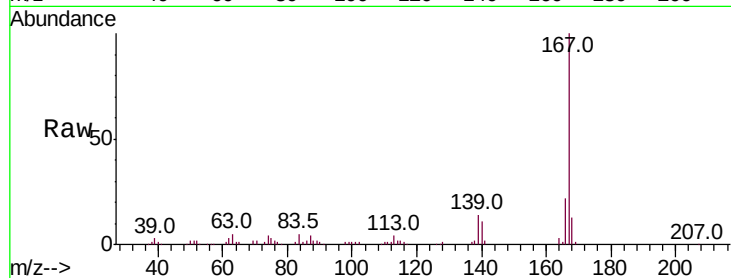
#73
 Carbazole
 Concen: 40.056 ng
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	268267		
166	21.8		17.8	26.6
139	14.3		11.6	17.4

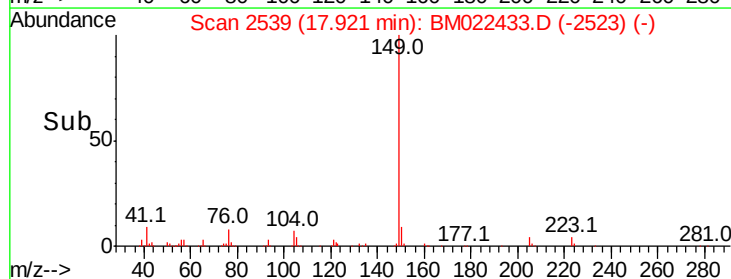
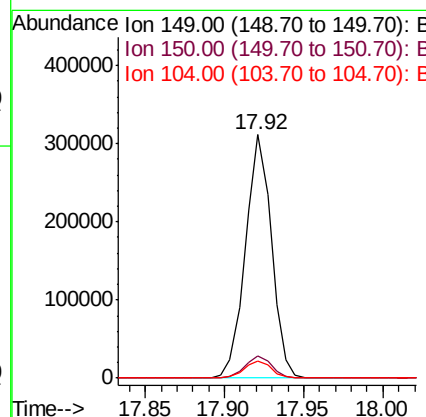
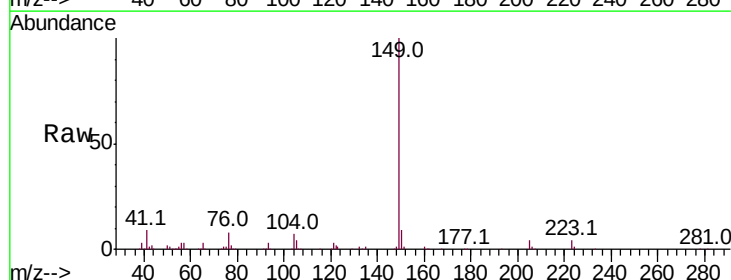
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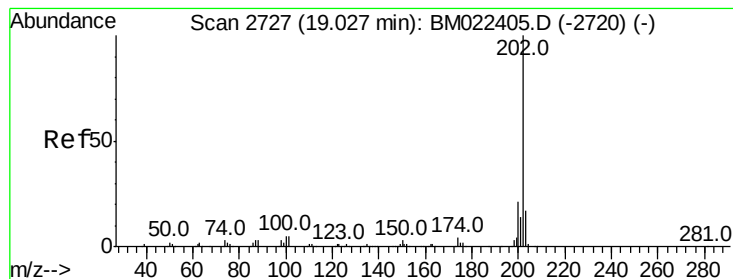
mohammad
 8/31/2019 2:43:45 PM



#74
 Di-n-butylphthalate
 Concen: 38.958 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	353792		
150	9.2		7.4	11.0
104	7.1		5.6	8.4





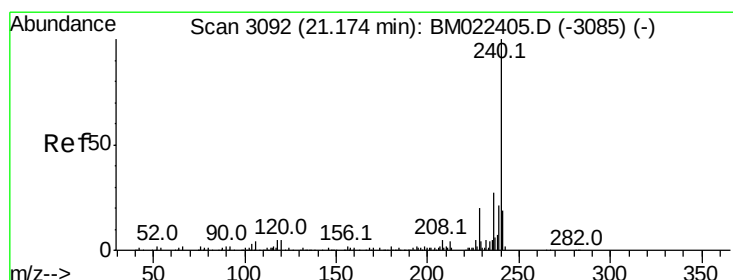
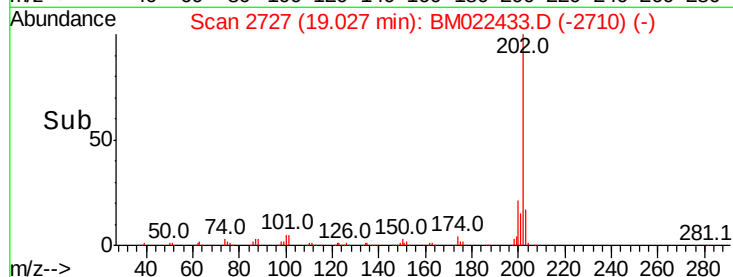
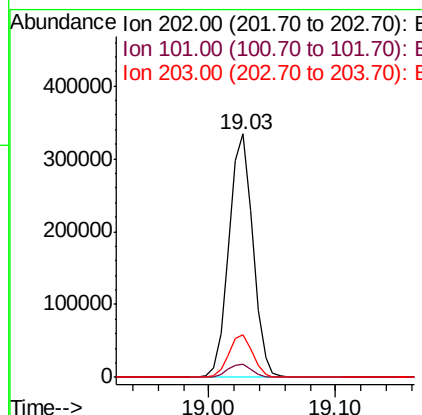
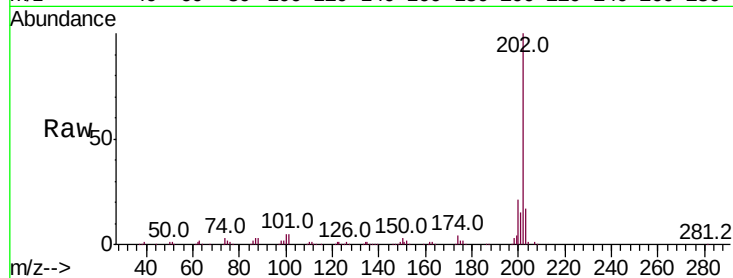
#75
 Fluoranthene
 Concen: 39.724 ng
 RT: 19.03 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.2	0.0	25.1
203	17.4	0.0	37.1

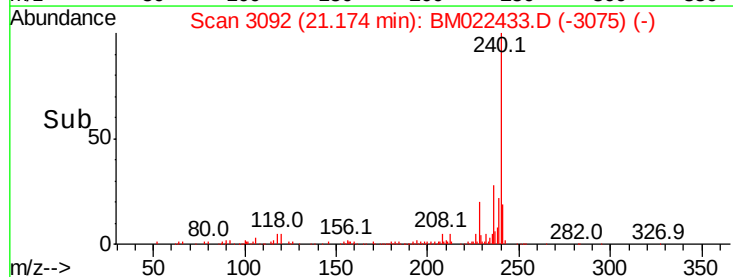
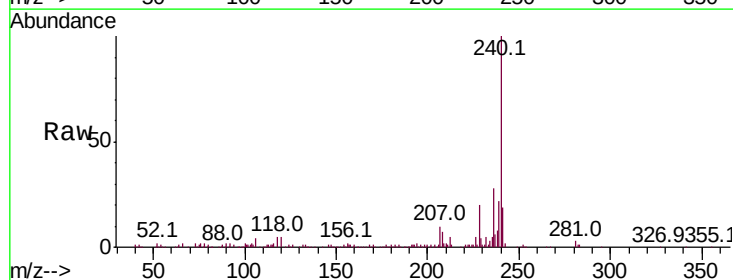
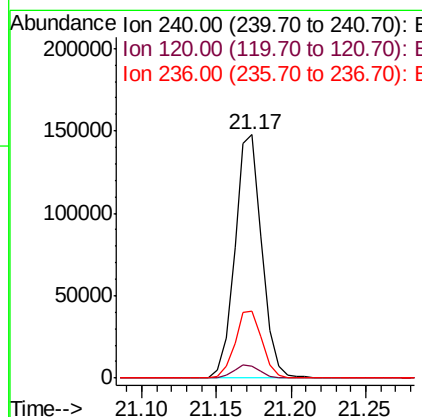
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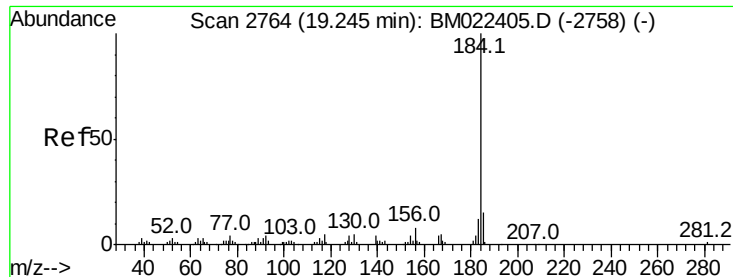
mohammad
 8/31/2019 2:43:45 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.7	3.9	5.9
236	27.6	21.4	32.2





#77

Benzidine

Concen: 49.161 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

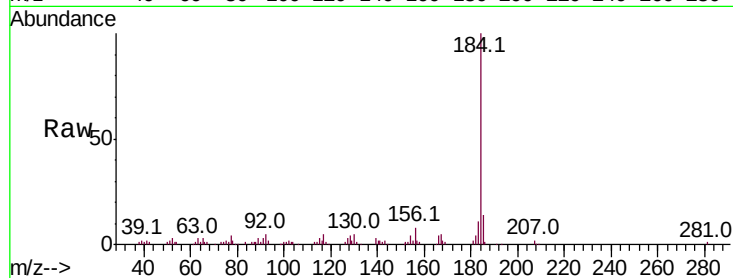
ClientSampled :

PB122622BS

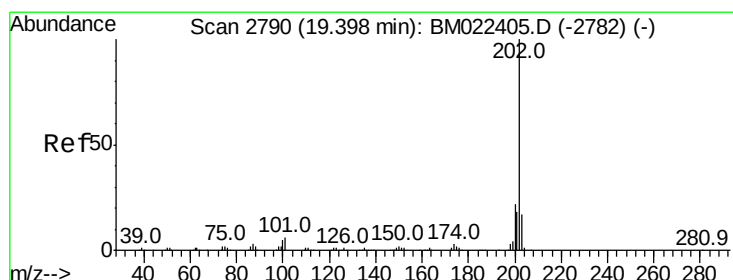
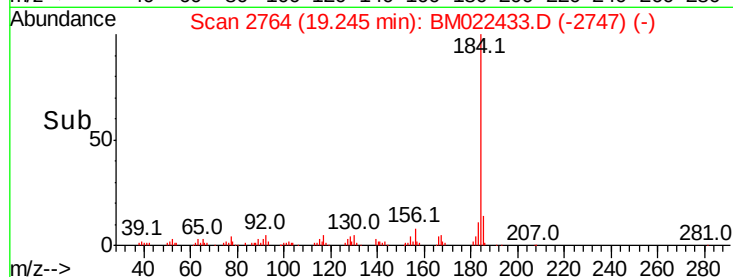
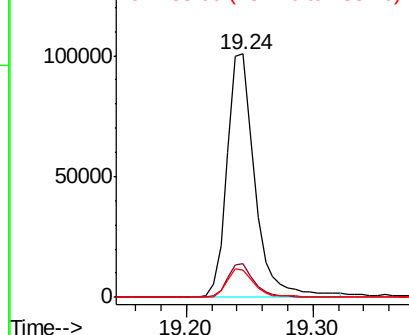
Tot Ion:	184	Resp:	153471
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.8	17.6
183	11.2	9.4	14.2

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



#78

Pyrene

Concen: 36.196 ng

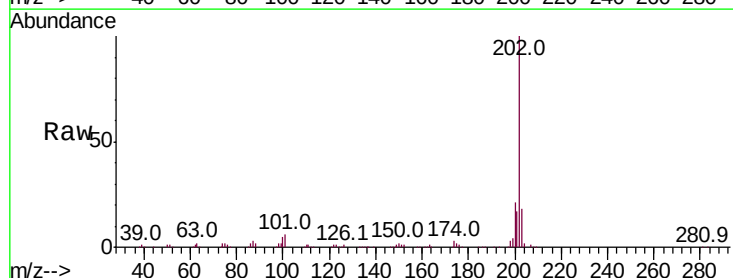
RT: 19.39 min Scan# 2789

Delta R.T. -0.01 min

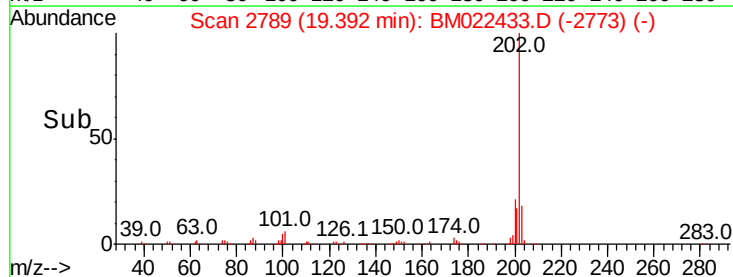
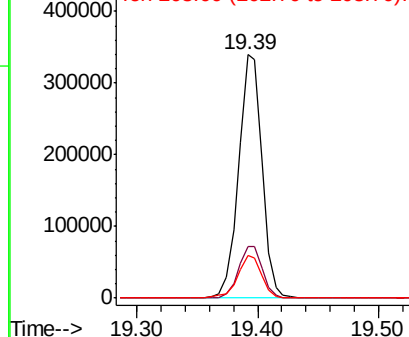
Lab File: BM022433.D

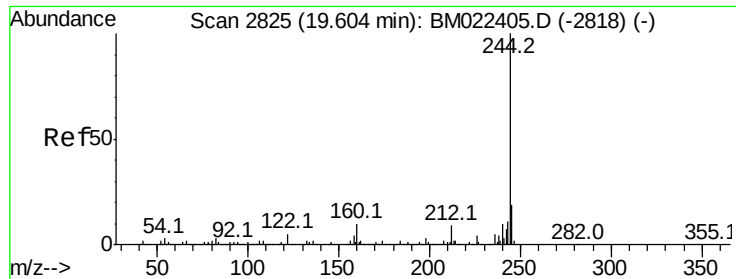
Acq: 30 Aug 2019 09:44

Tgt Ion:	202	Resp:	457318
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.7	26.5
203	17.5	13.8	20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





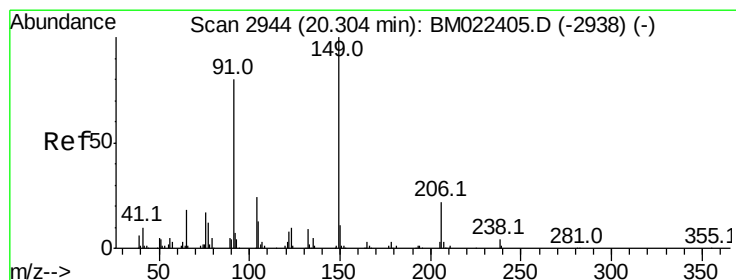
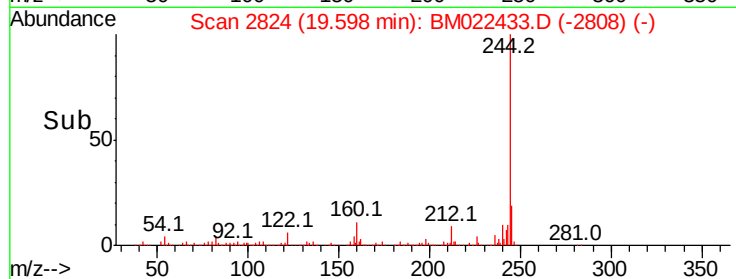
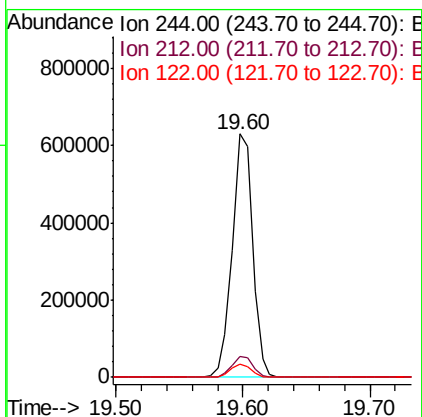
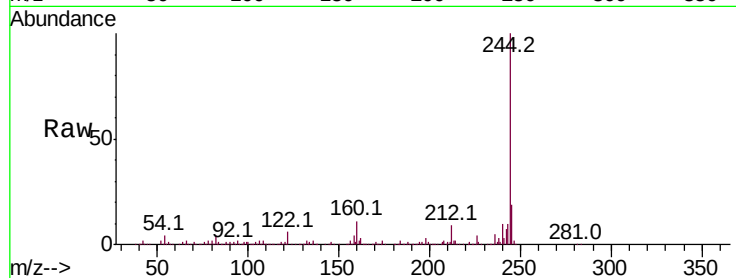
#79
 Terphenyl-d14
 Concen: 49.712 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

Tot Ion:	244	Resp:	698333
Ion Ratio	Lower	Upper	
244	100		
212	8.6	7.0	10.4
122	5.6	3.9	5.9

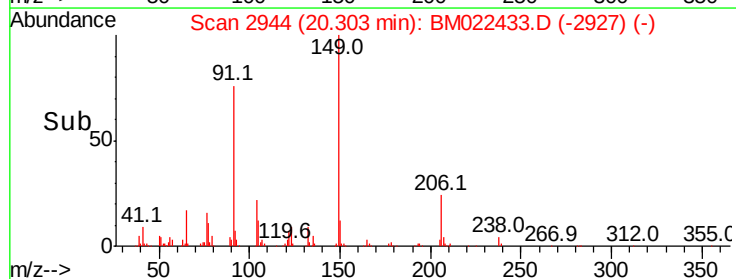
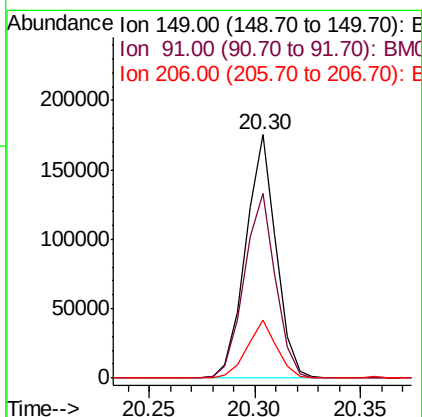
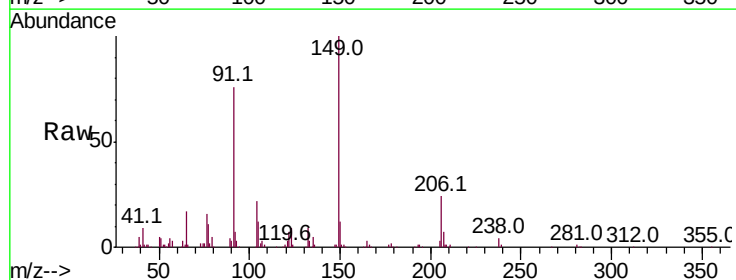
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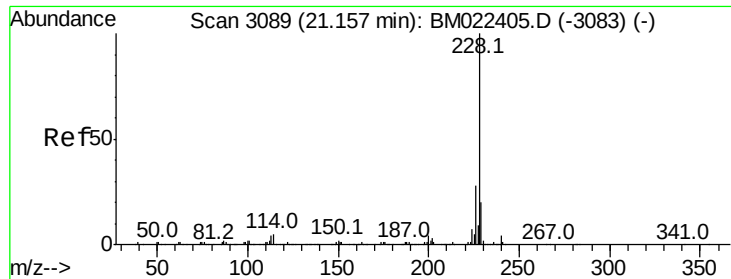
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.811 ng
 RT: 20.30 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion:	149	Resp:	175538
Ion Ratio	Lower	Upper	
149	100		
91	75.7	64.0	96.0
206	24.0	17.6	26.4





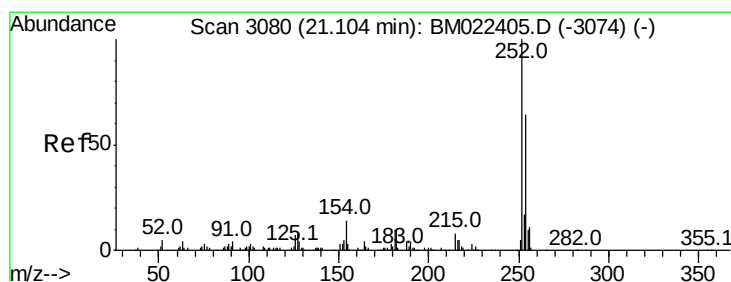
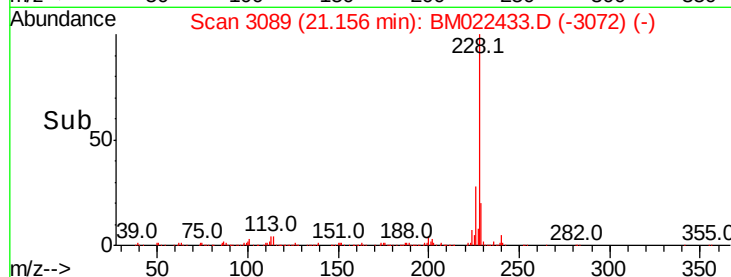
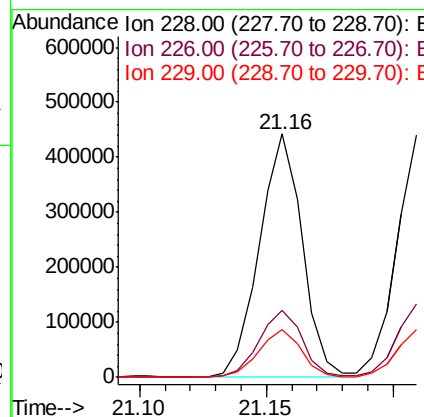
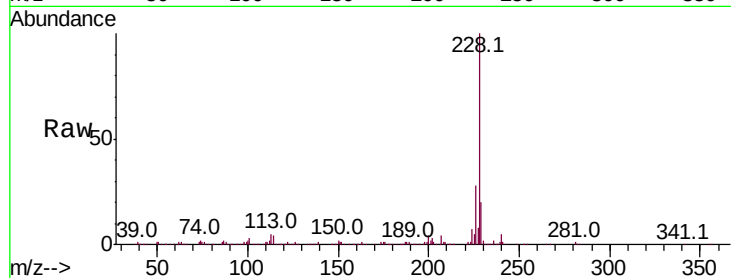
#81
Benzo(a)anthracene
Concen: 39.286 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	19.6	15.9	23.9

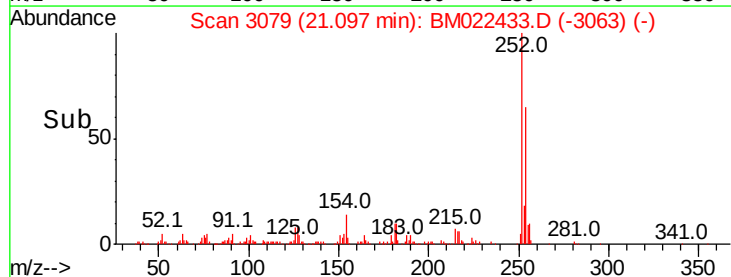
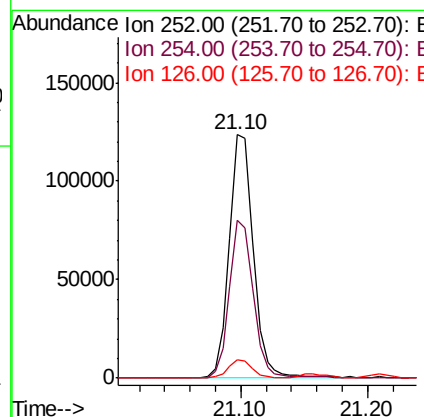
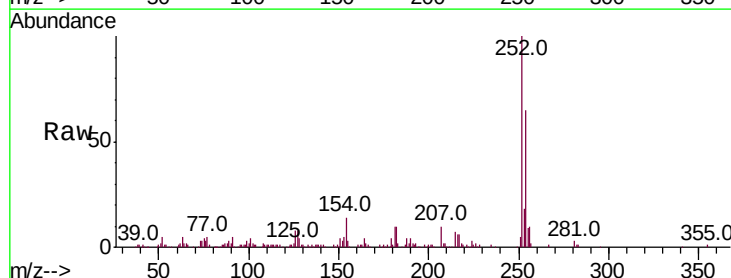
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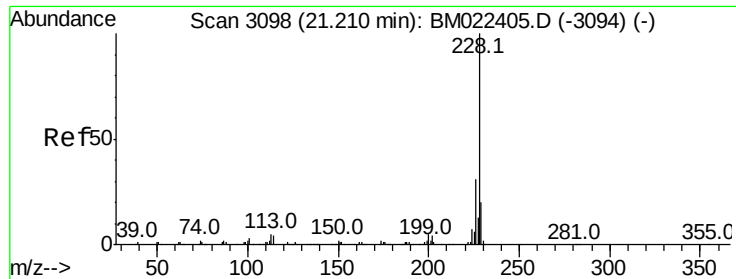
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.583 ng
RT: 21.10 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.0	76.4
126	7.5	5.8	8.8





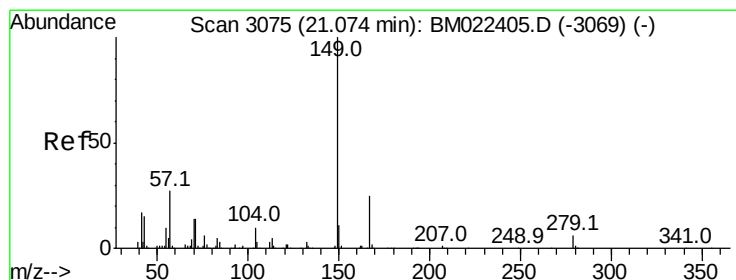
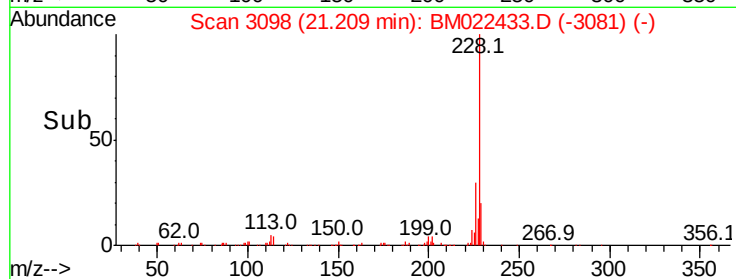
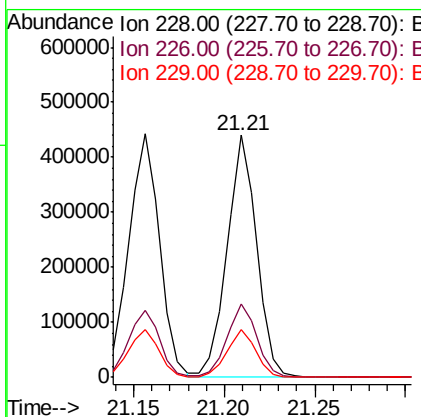
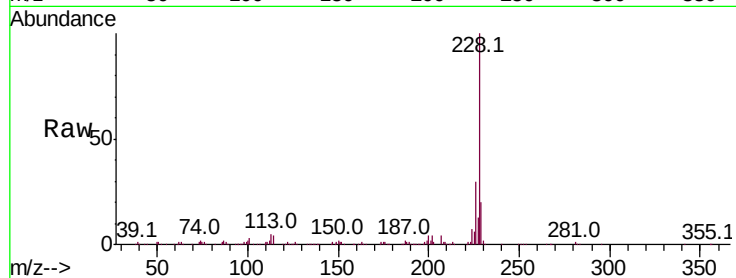
#83
 Chrysene
 Concen: 39.422 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 PB122622BS

Tot Ion:228	Resp:	499306
Ion Ratio	Lower	Upper
228 100		
226 30.5	24.5	36.7
229 19.6	15.7	23.5

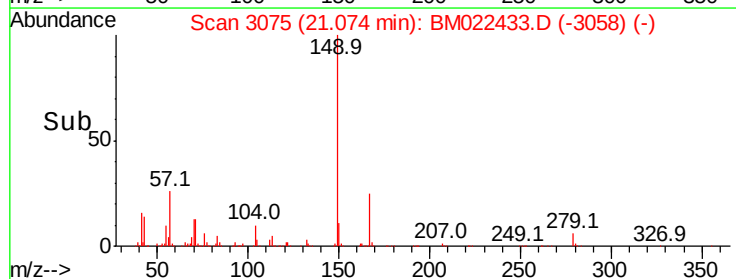
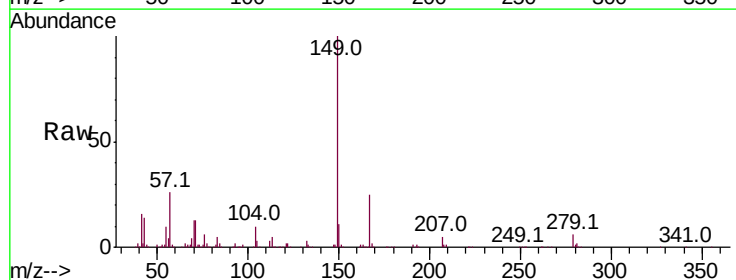
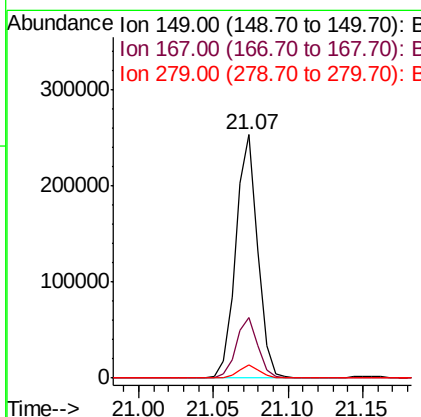
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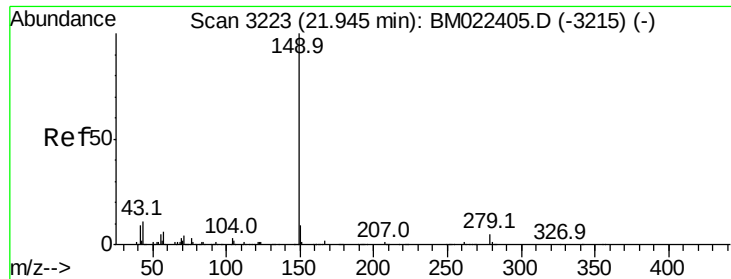
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.419 ng
 RT: 21.07 min Scan# 3075
 Delta R.T. -0.00 min
 Lab File: BM022433.D
 Acq: 30 Aug 2019 09:44

Tgt Ion:149	Resp:	259954
Ion Ratio	Lower	Upper
149 100		
167 24.9	19.6	29.4
279 5.5	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 47.182 ng

RT: 21.94 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

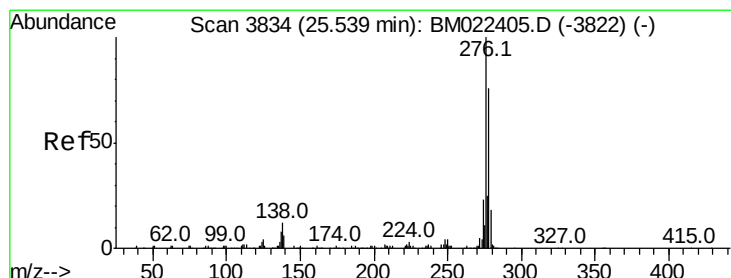
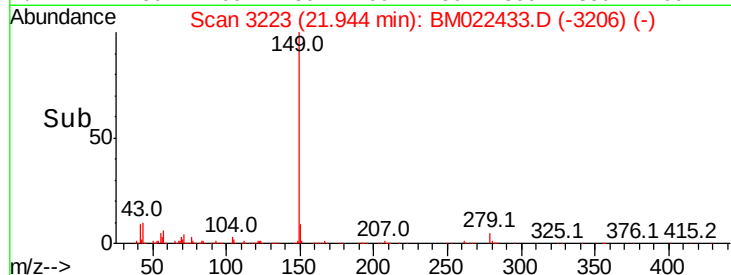
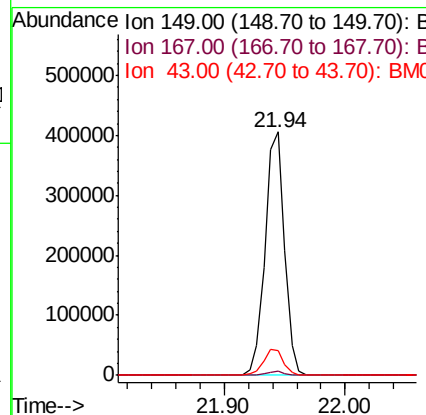
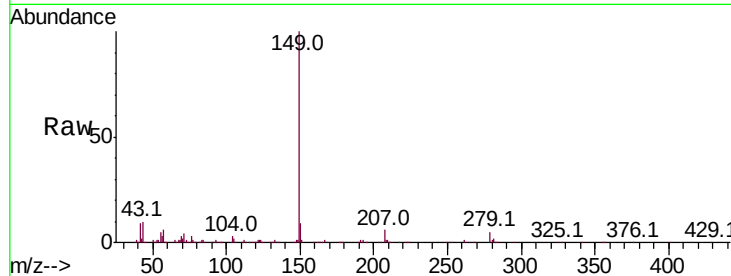
ClientSampled :

PB122622BS

Tot Ion:	149	Resp:	453674
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.9	9.0	13.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.534 ng

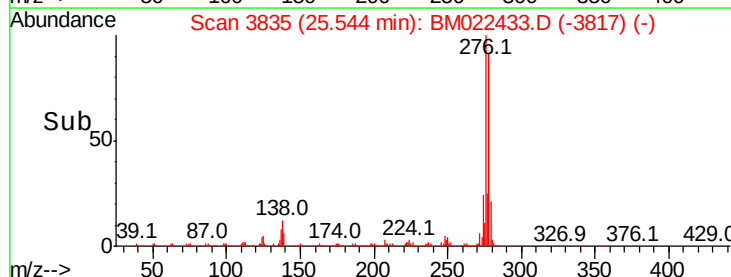
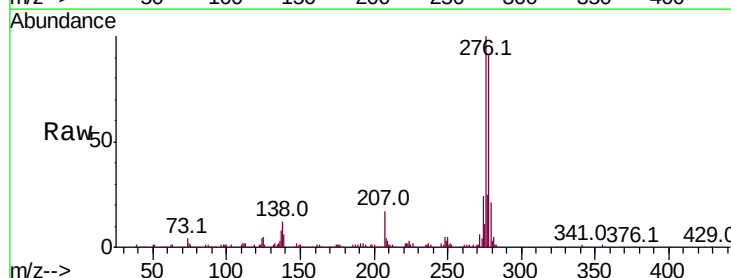
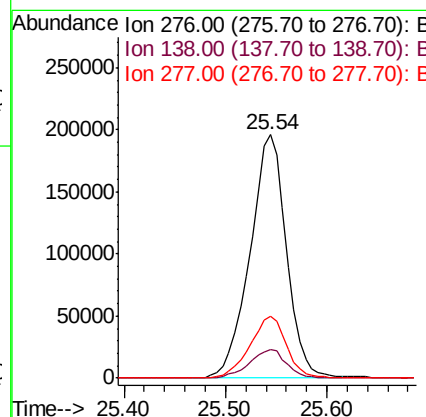
RT: 25.54 min Scan# 3835

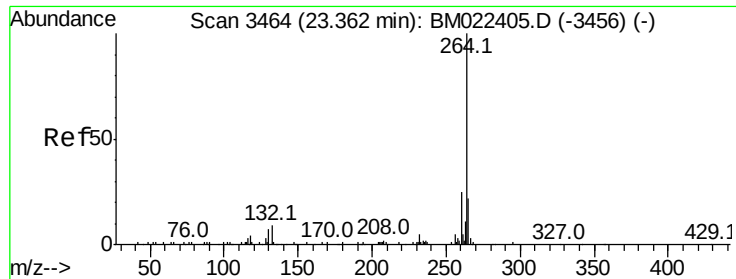
Delta R.T. 0.01 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Tgt Ion:	276	Resp:	490922
Ion Ratio	Lower	Upper	
276	100		
138	12.0	9.1	13.7
277	25.4	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Instrument :

BNA_M

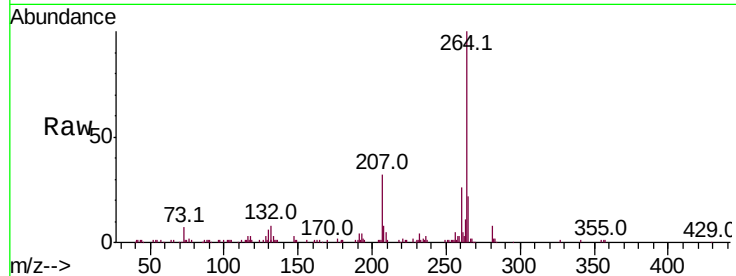
ClientSampleId :

PB122622BS

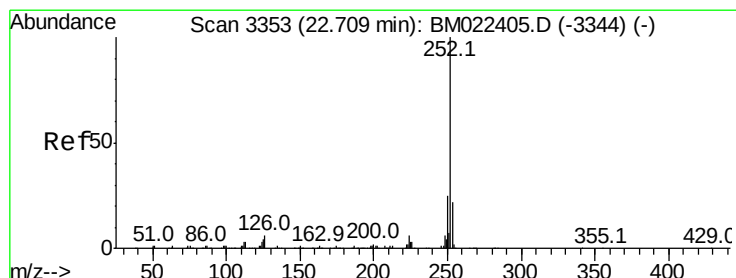
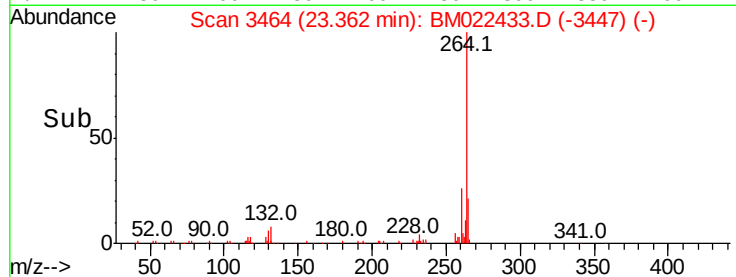
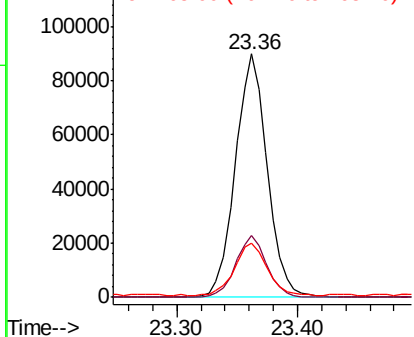
Tot Ion:	264	Resp:	165552
Ion Ratio	Lower	Upper	
264	100		
260	25.7	20.2	30.2
265	22.3	18.2	27.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.697 ng

RT: 22.71 min Scan# 3353

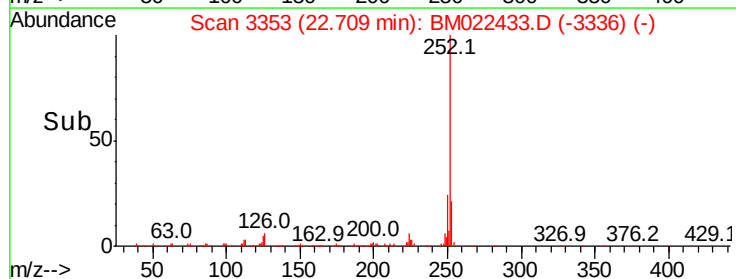
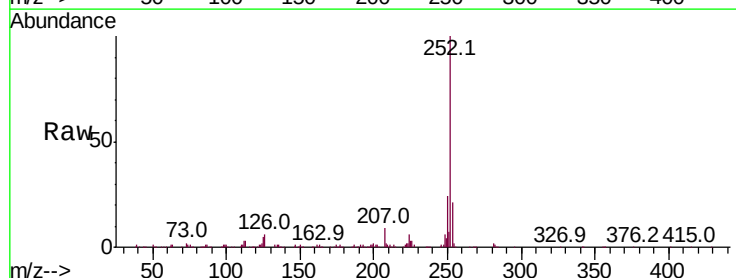
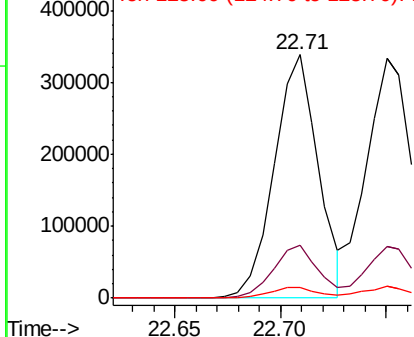
Delta R.T. -0.00 min

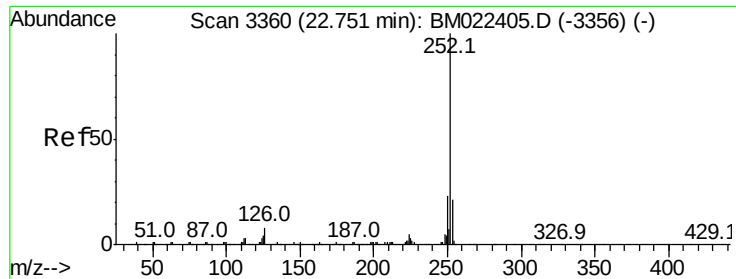
Lab File: BM022433.D

Acq: 30 Aug 2019 09:44

Tgt Ion:	252	Resp:	491063
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	4.5	3.5	5.3

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





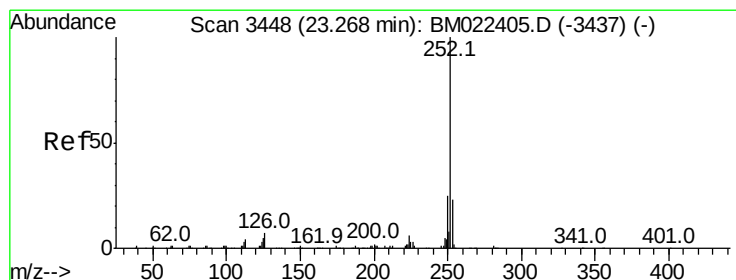
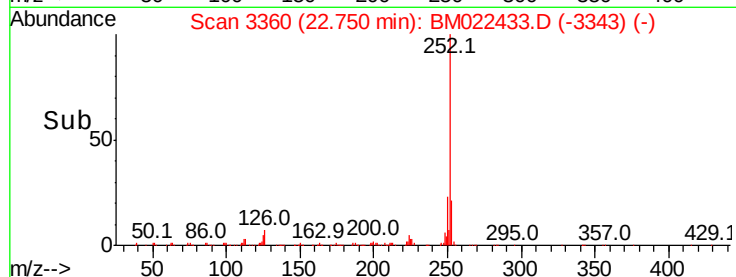
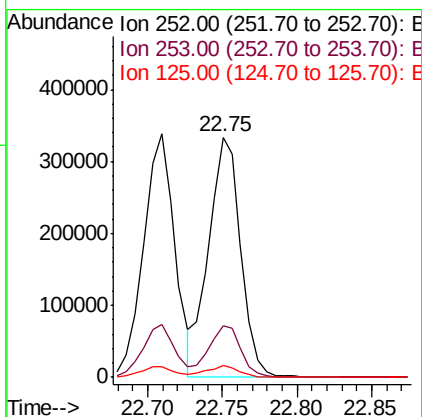
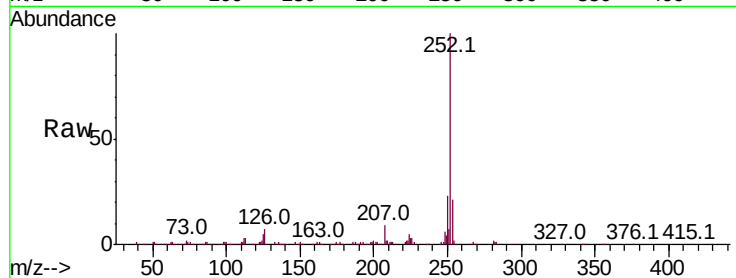
#89
Benzo(k)fluoranthene
Concen: 43.640 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	4.9	3.7	5.5

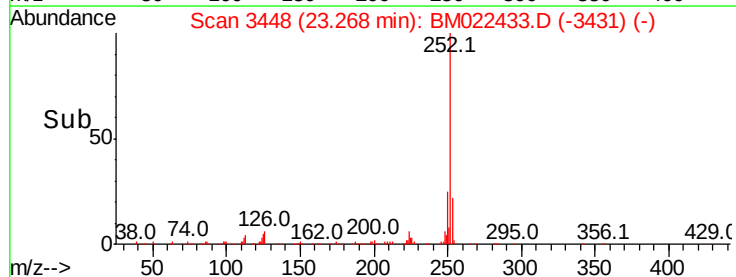
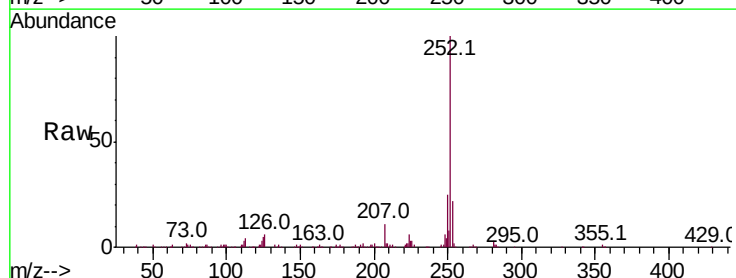
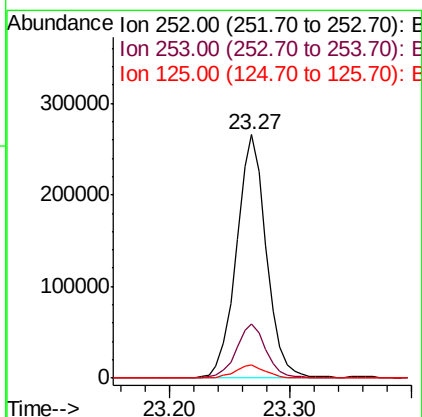
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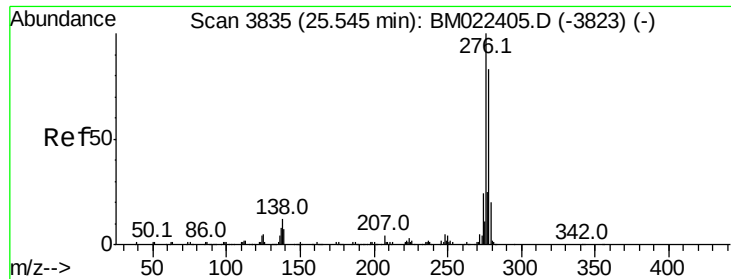
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#90
Benzo(a)pyrene
Concen: 44.899 ng
RT: 23.27 min Scan# 3448
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	5.5	3.8	5.8





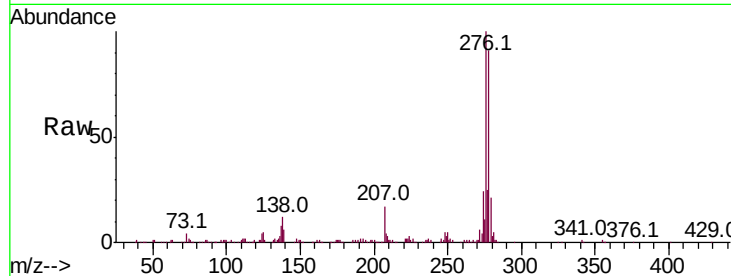
#91
Dibenzo(a,h)anthracene
Concen: 41.056 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.1	6.6	9.8
279	23.1	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/31/2019 2:43:45 PM

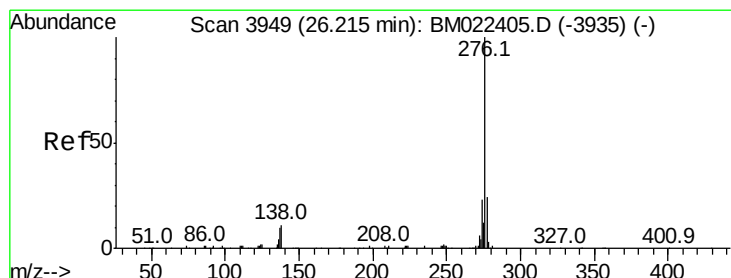
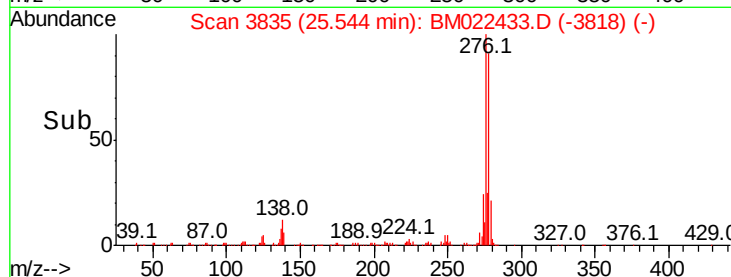
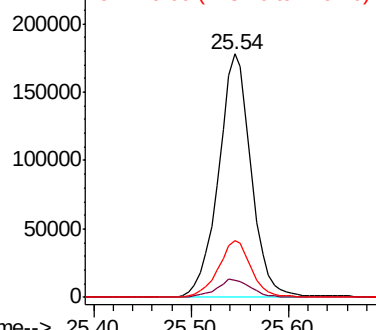


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.173 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.00 min
Lab File: BM022433.D
Acq: 30 Aug 2019 09:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.0
138	9.9	8.8	13.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

