

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022435.D
 Acq On : 30 Aug 2019 10:56
 Operator : HP/JU
 Sample : PB122653BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Manual Integrations
 APPROVED

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 8/31/2019 2:43:48 PM

Quant Time: Aug 30 15:37:09 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	21153	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	90389	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	62280	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	145905	20.00	ng	0.00
76) Chrysene-d12	21.17	240	192581	20.00	ng	0.00
87) Perylene-d12	23.36	264	170079	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	146191	121.31	ng	0.00
7) Phenol-d6	6.73	99	186914	115.99	ng	0.00
23) Nitrobenzene-d5	8.69	82	122166	59.20	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	127295	99.88	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	302269	54.98	ng	0.00
79) Terphenyl-d14	19.60	244	713608	48.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	20555	36.964	ng	90
3) Pyridine	3.53	79	41653	31.140	ng	97
4) n-Nitrosodimethylamine	3.46	42	37844	41.036	ng	97
6) Aniline	6.88	93	72505	35.304	ng	95
8) 2-Chlorophenol	7.09	128	63224	45.581	ng	96
9) Benzaldehyde	6.70	77	44947	44.768	ng	90
10) Phenol	6.75	94	75318	46.524	ng	99
11) bis(2-Chloroethyl)ether	6.98	93	50480	41.317	ng	99
12) 1,3-Dichlorobenzene	7.40	146	65134	38.701	ng	97
13) 1,4-Dichlorobenzene	7.56	146	66034	38.724	ng	98
14) 1,2-Dichlorobenzene	7.86	146	64674	37.831	ng	96
15) Benzyl Alcohol	7.79	79	63636	41.624	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.05	45	62078	39.208	ng	96
17) 2-Methylphenol	7.98	107	52337	44.454	ng	94
18) Hexachloroethane	8.56	117	29833	37.732	ng	97
19) n-Nitroso-di-n-propylamine	8.34	70	47528	38.001	ng	99
20) 3+4-Methylphenols	8.31	107	71135	44.494	ng	93
22) Acetophenone	8.36	105	93537	37.475	ng	# 99
24) Nitrobenzene	8.74	77	77586	39.054	ng	97
25) Isophorone	9.25	82	126740	39.113	ng	99
26) 2-Nitrophenol	9.44	139	34360	43.178	ng	100
27) 2,4-Dimethylphenol	9.50	122	58003	48.864	ng	94
28) bis(2-Chloroethoxy)methane	9.73	93	72031	38.418	ng	95
29) 2,4-Dichlorophenol	9.96	162	66891	43.069	ng	90
30) 1,2,4-Trichlorobenzene	10.16	180	72681	36.750	ng	99
31) Naphthalene	10.35	128	181098	38.519	ng	99
32) Benzoic acid	9.70	122	38622	41.308	ng	93
33) 4-Chloroaniline	10.49	127	46437	22.955	ng	95
34) Hexachlorobutadiene	10.59	225	65967	33.817	ng	98
35) Caprolactam	11.33	113	16630m	42.127	ng	
36) 4-Chloro-3-methylphenol	11.63	107	70062	42.800	ng	99
37) 2-Methylnaphthalene	11.97	142	139162	38.951	ng	99
38) 1-Methylnaphthalene	12.19	142	131146	38.031	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	110594	37.417	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	75753	65.035	nq	99
43) 2,4,6-Trichlorophenol	12.60	196	63118	39.562	nq	99
44) 2,4,5-Trichlorophenol	12.69	196	66673	42.146	nq	98
46) 1,1'-Biphenyl	13.00	154	191007	37.534	nq	99
47) 2-Chloronaphthalene	13.05	162	152169	37.659	nq	99
48) 2-Nitroaniline	13.30	65	51549	39.611	nq	97
49) Acenaphthylene	13.90	152	244987	40.172	nq	99
50) Dimethylphthalate	13.66	163	212987	39.319	nq	100
51) 2,6-Dinitrotoluene	13.80	165	43731	41.098	nq	89
52) Acenaphthene	14.25	154	139061	38.021	nq	99
53) 3-Nitroaniline	14.15	138	29647	29.017	nq	95
54) 2,4-Dinitrophenol	14.37	184	48579	76.357	nq	94
55) Dibenzofuran	14.59	168	243812	39.571	nq	99
56) 4-Nitrophenol	14.47	139	56725	82.301	nq	100
57) 2,4-Dinitrotoluene	14.61	165	61979	40.514	nq	90
58) Fluorene	15.25	166	205221	37.282	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.83	232	71362	40.027	nq	98
60) Diethylphthalate	15.03	149	217902	38.512	nq	98
61) 4-Chlorophenyl-phenylether	15.24	204	135883	35.898	nq	97
62) 4-Nitroaniline	15.33	138	38355	40.109	nq	# 88
63) Azobenzene	15.54	77	223882	39.640	nq	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	38654	44.397	nq	95
66) n-Nitrosodiphenylamine	15.47	169	172479	39.155	nq	98
67) 4-Bromophenyl-phenylether	16.14	248	84115	36.641	nq	95
68) Hexachlorobenzene	16.25	284	92438	35.548	nq	98
69) Atrazine	16.44	200	72516	38.665	nq	99
70) Pentachlorophenol	16.61	266	107036	92.025	nq	97
71) Phenanthrene	16.99	178	320118	37.640	nq	99
72) Anthracene	17.09	178	332257	39.707	nq	99
73) Carbazole	17.37	167	275516	39.834	nq	100
74) Di-n-butylphthalate	17.92	149	361564	38.551	nq	99
75) Fluoranthene	19.03	202	452488	39.952	nq	99
77) Benzidine	19.24	184	159994	49.338	nq	98
78) Pyrene	19.39	202	468629	35.707	nq	99
80) Butylbenzylphthalate	20.30	149	178295	38.927	nq	98
81) Benzo(a)anthracene	21.16	228	539640	39.040	nq	98
82) 3,3'-Dichlorobenzidine	21.10	252	170524	39.770	nq	97
83) Chrysene	21.21	228	511186	38.853	nq	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	271997	43.735	nq	99
85) Di-n-octyl phthalate	21.94	149	471388	47.194	nq	99
86) Indeno(1,2,3-cd)pyrene	25.55	276	503463	38.043	nq	99
88) Benzo(b)fluoranthene	22.71	252	527852	44.674	nq	98
89) Benzo(k)fluoranthene	22.75	252	500345	42.687	nq	99
90) Benzo(a)pyrene	23.27	252	471715	44.979	nq	98
91) Dibenzo(a,h)anthracene	25.55	278	429206	41.042	nq	97
92) Benzo(g,h,i)perylene	26.22	276	370668	40.669	nq	98

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

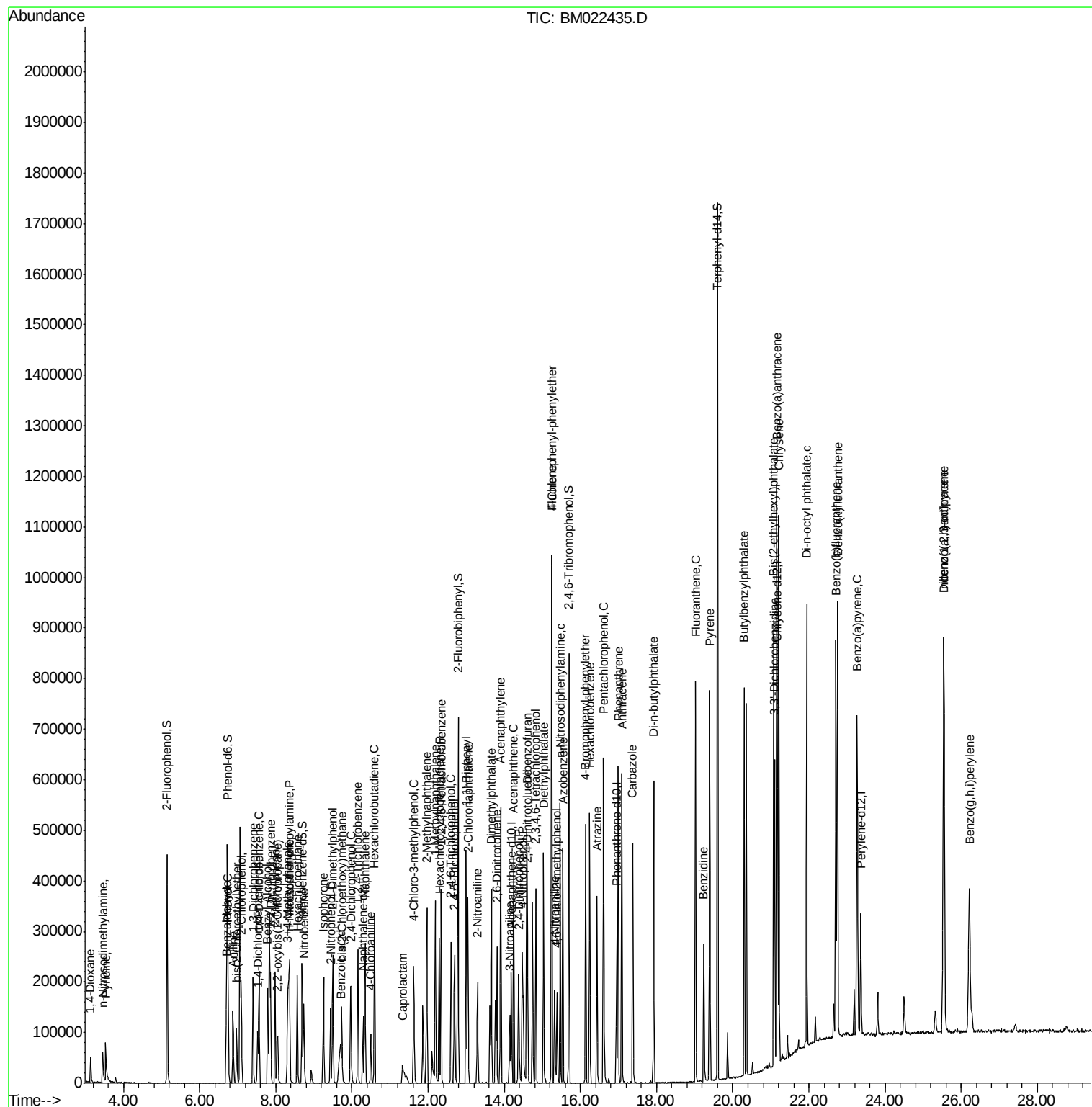
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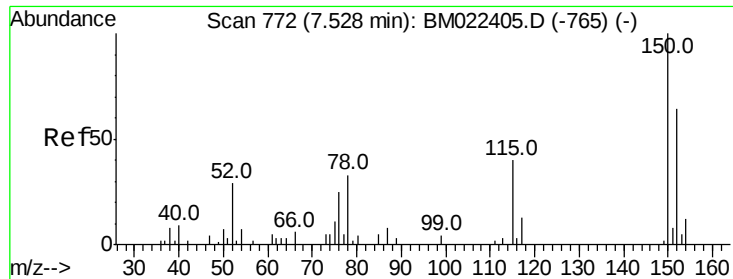
Instrument :
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#1

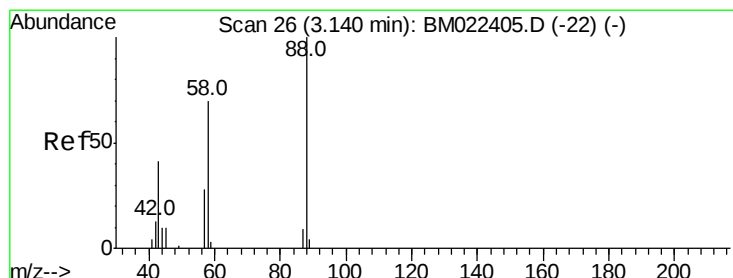
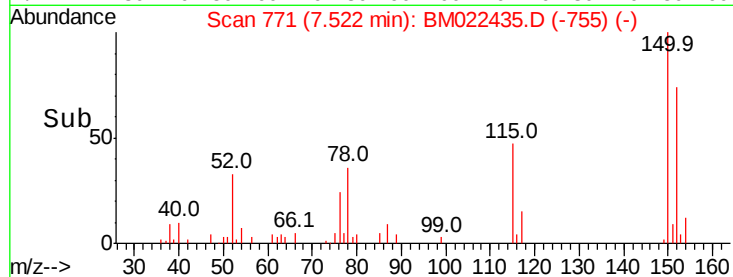
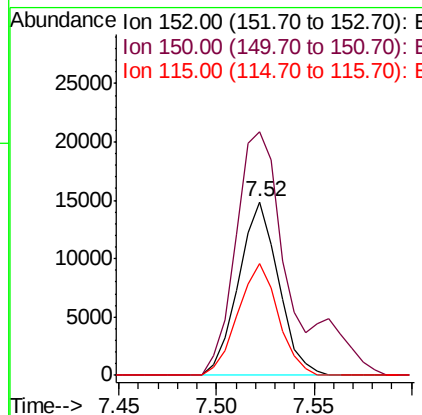
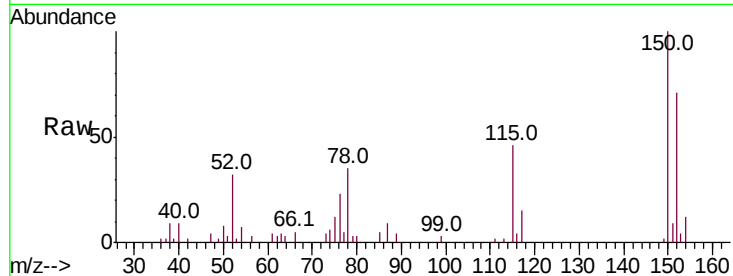
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampled :
PB122653BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.1	125.4	188.0
115	64.3	50.3	75.5

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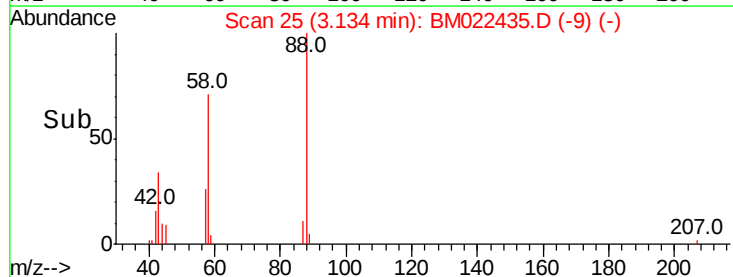
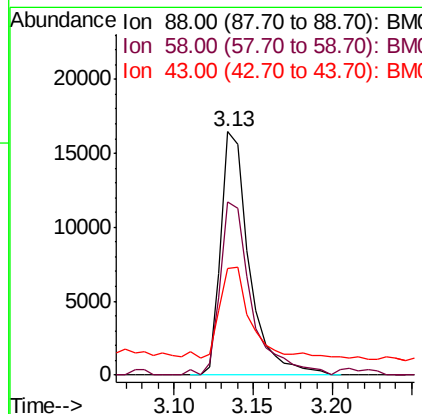
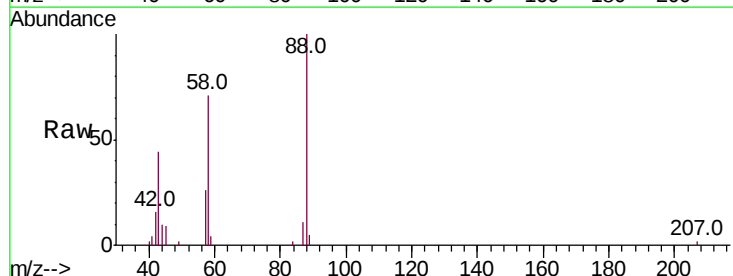
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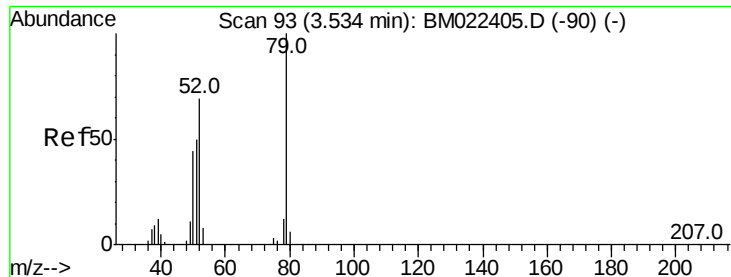


#2

1,4-Dioxane
Concen: 36.964 ng
RT: 3.13 min Scan# 25
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	53.8	80.8
43	39.8	30.6	46.0





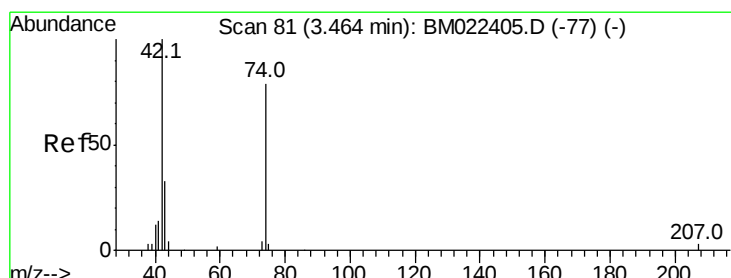
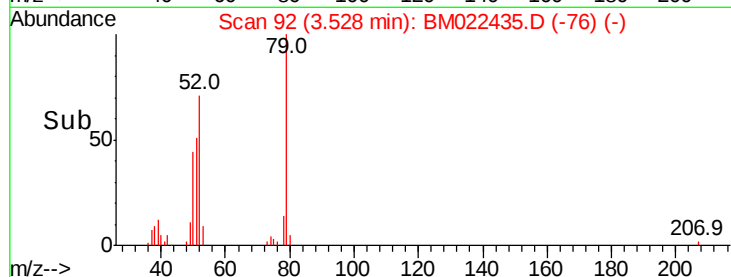
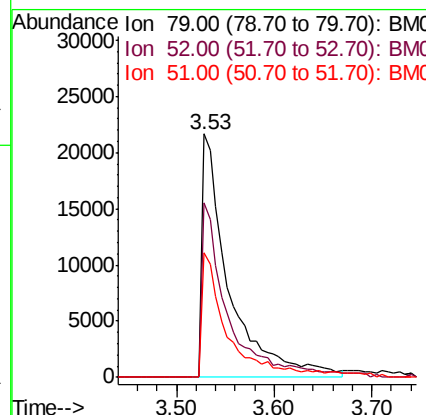
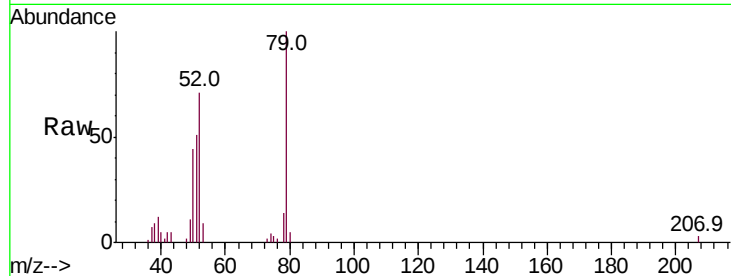
#3
 Pvridine
 Concen: 31.140 ng
 RT: 3.53 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampled :
 PB122653BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.4	54.8	82.2
51	51.4	40.2	60.4

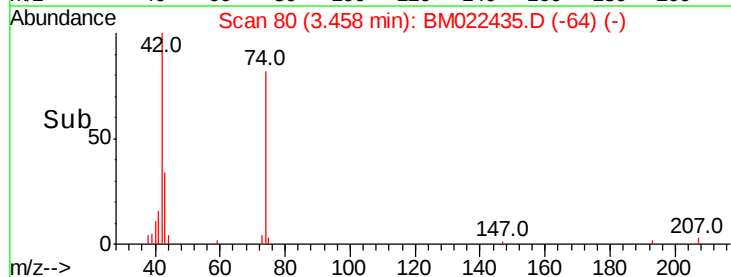
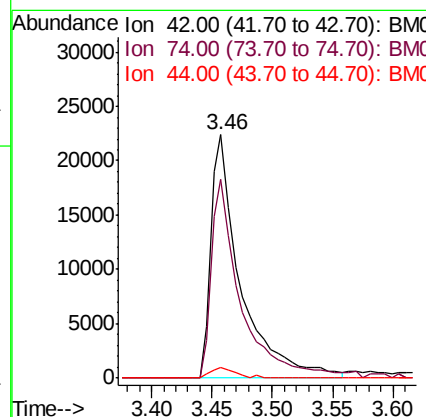
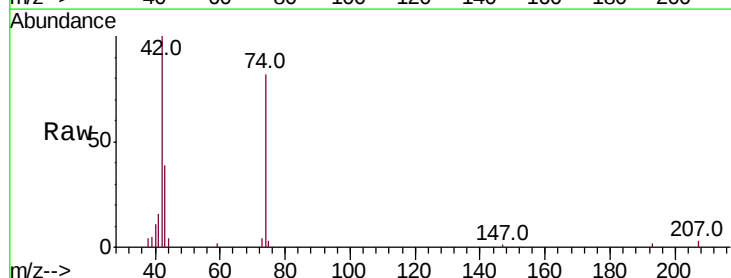
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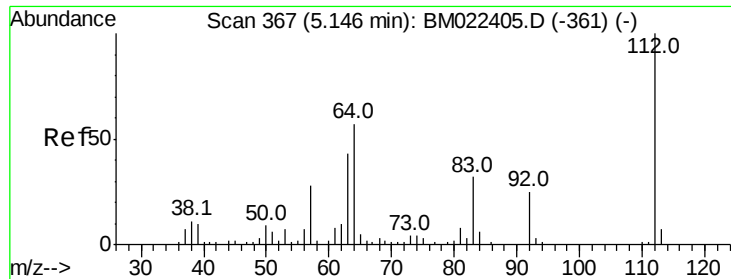
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#4
 n-Nitrosodimethylamine
 Concen: 41.036 ng
 RT: 3.46 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	81.5	63.0	94.6
44	4.5	3.0	4.6





#5

2-Fluorophenol

Concen: 121.313 ng

RT: 5.15 min Scan# 367

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

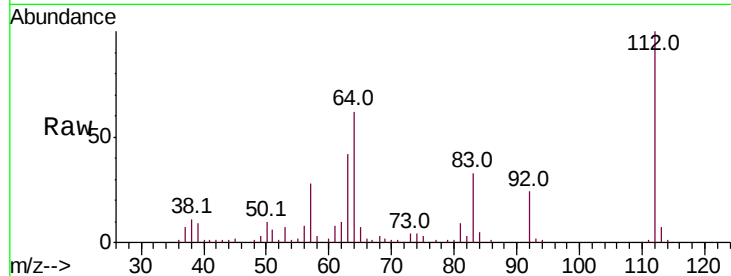
ClientSampleId :

PB122653BS

Tot Ion:	112	Resp:	146191
Ion Ratio	Lower	Upper	
112	100		
64	62.0	45.4	68.2
63	42.4	34.5	51.7

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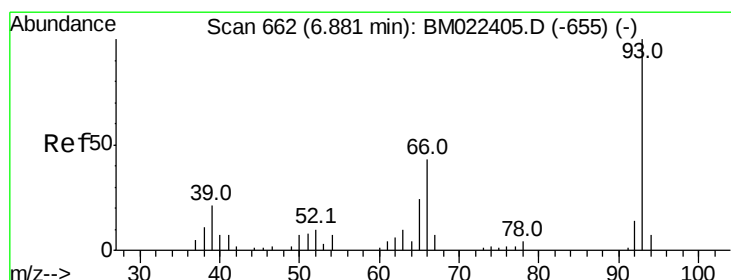
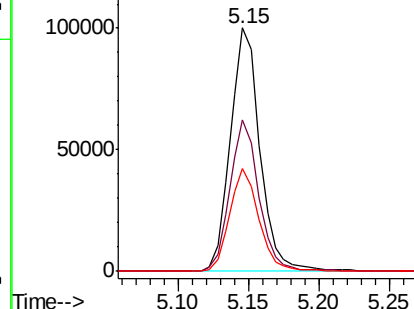
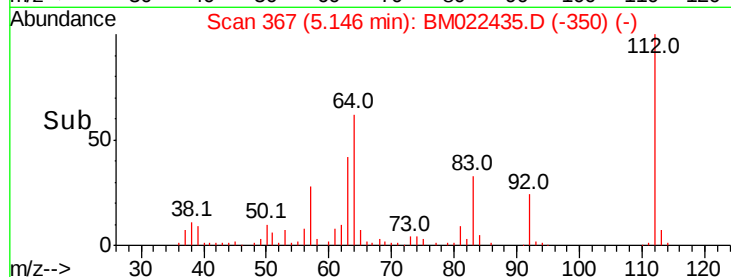
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 35.304 ng

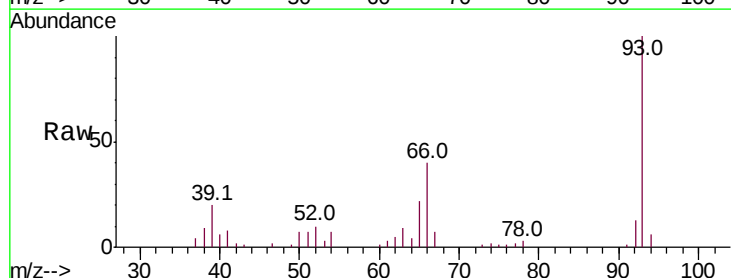
RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

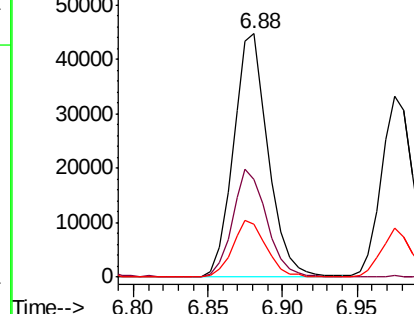
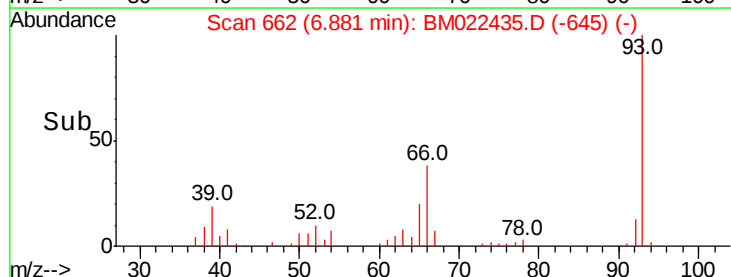
Tgt Ion:	93	Resp:	72505
Ion Ratio	Lower	Upper	
93	100		
66	40.1	34.7	52.1
65	21.6	18.8	28.2

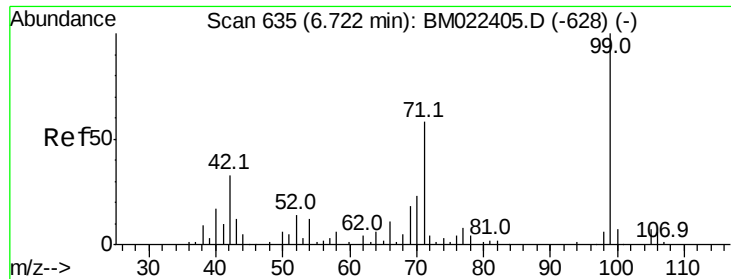


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 115.988 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

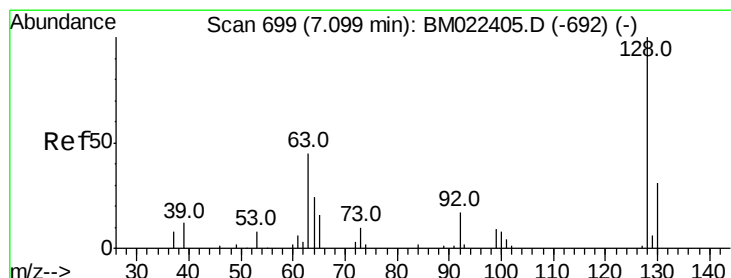
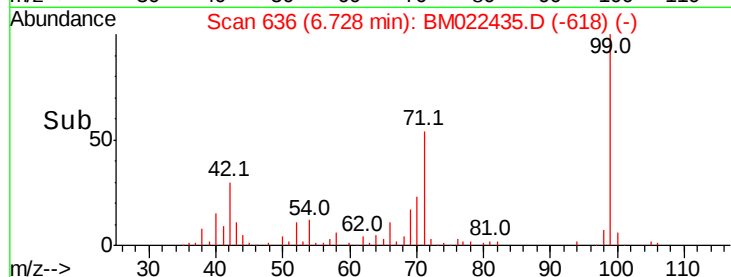
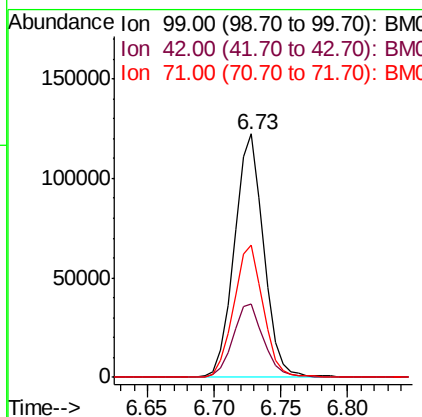
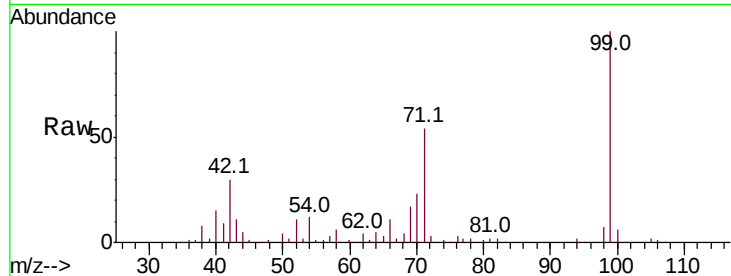
ClientSampleId :

PB122653BS

Tot Ion:	99	Resp:	186914
Ion Ratio	Lower	Upper	
99	100		
42	29.9	26.3	39.5
71	54.2	46.6	69.8

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#8

2-Chlorophenol

Concen: 45.581 ng

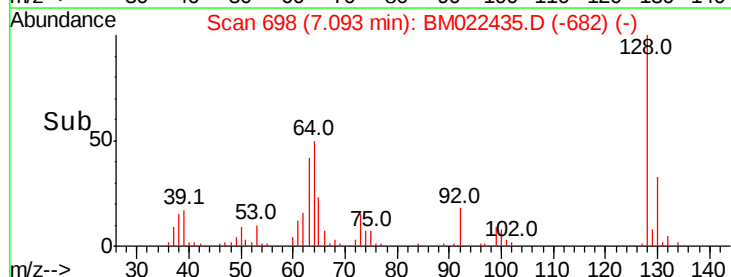
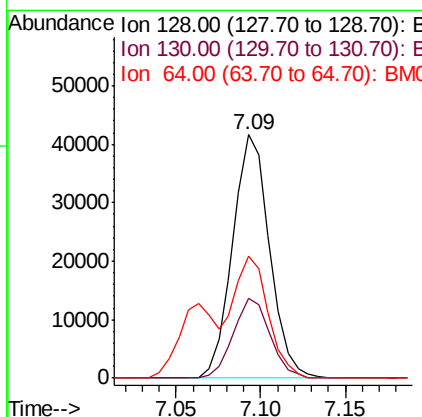
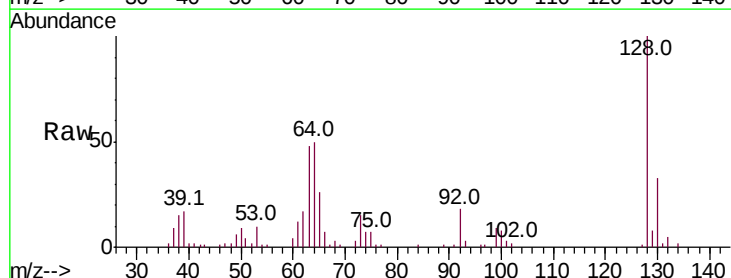
RT: 7.09 min Scan# 698

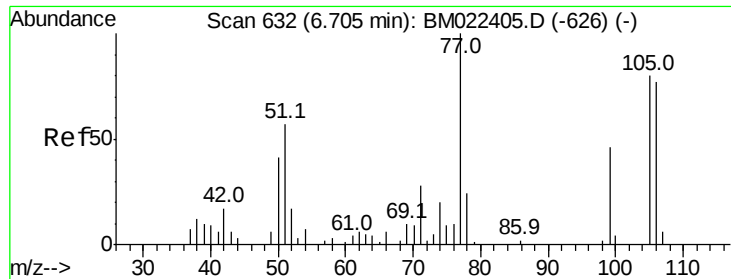
Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	128	Resp:	63224
Ion Ratio	Lower	Upper	
128	100		
130	32.7	11.5	51.5
64	50.1	26.7	66.7





#9

Benzaldehyde

Concen: 44.768 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

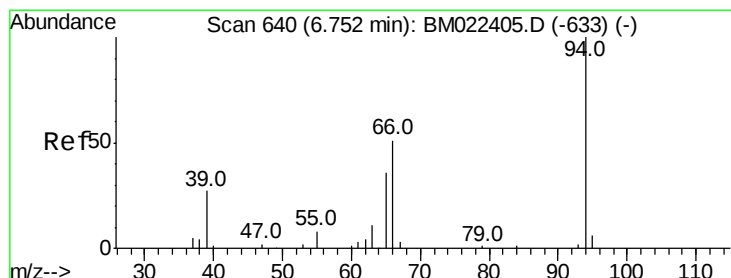
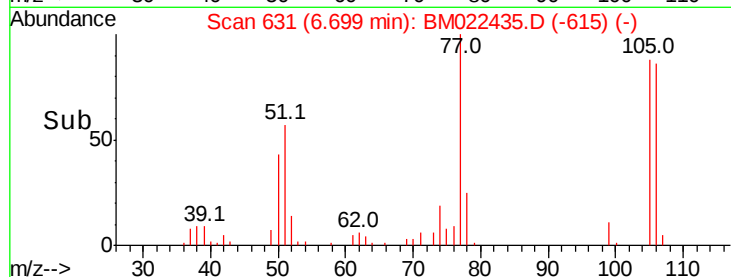
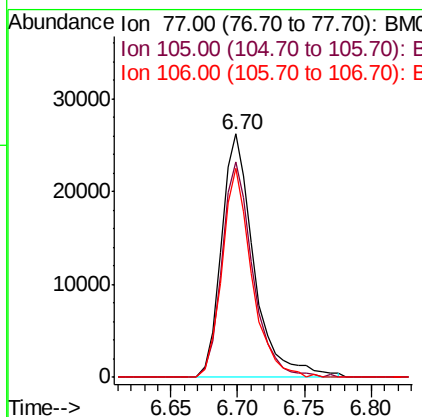
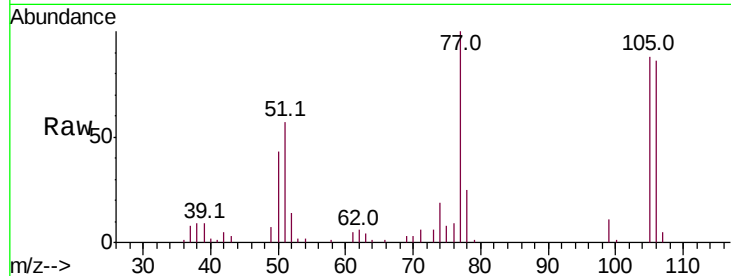
ClientSampleId :

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Tot Ion:	77	Resp:	44947
Ion Ratio	Lower	Upper	
77	100		
105	88.3	60.1	100.1
106	85.9	57.4	97.4

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#10

Phenol

Concen: 46.524 ng

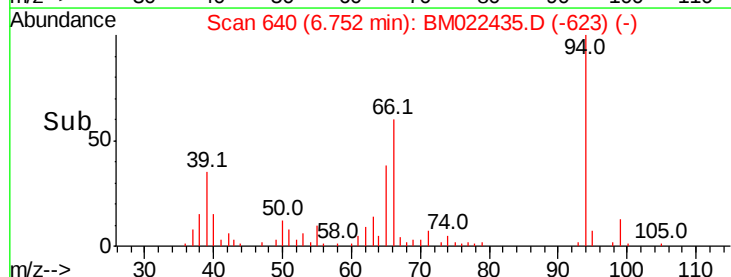
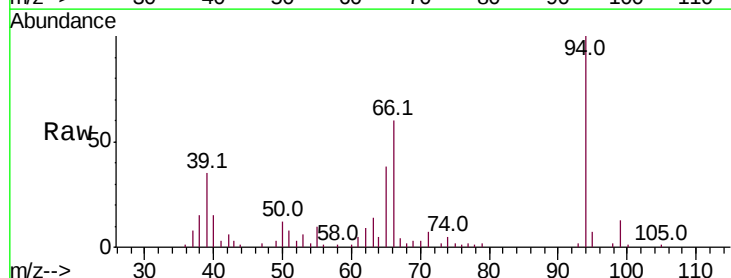
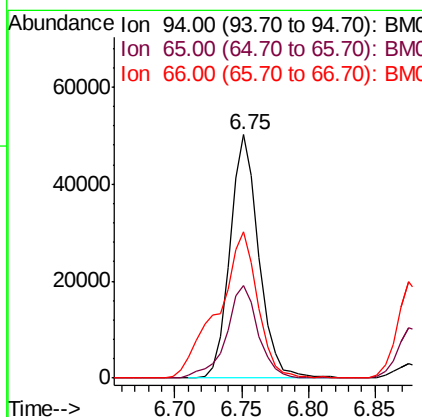
RT: 6.75 min Scan# 640

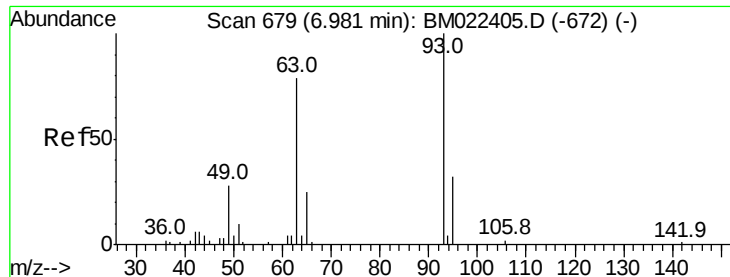
Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	94	Resp:	75318
Ion Ratio	Lower	Upper	
94	100		
65	38.2	17.7	57.7
66	59.9	39.6	79.6





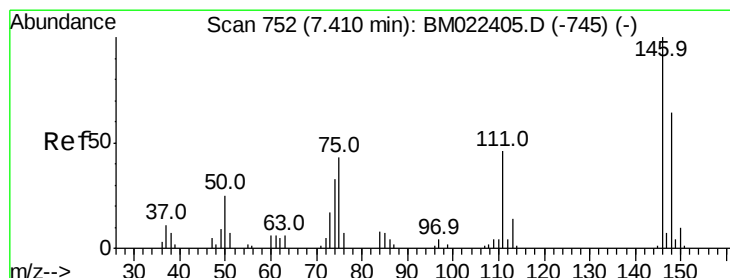
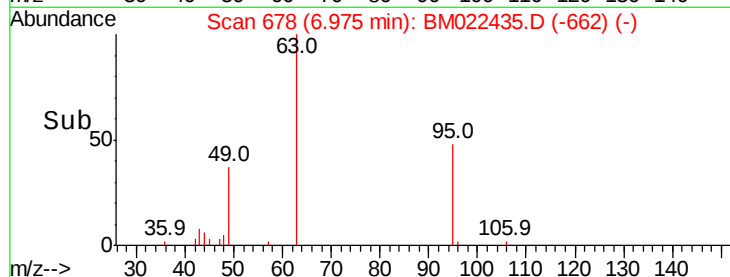
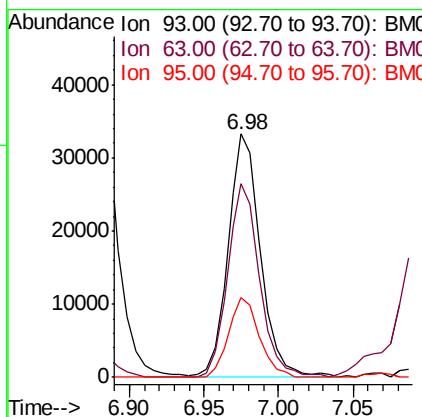
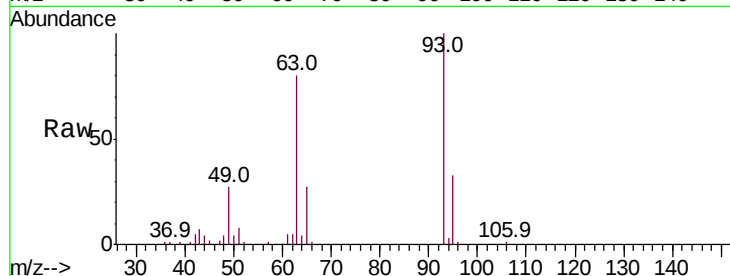
#11
bis(2-Chloroethyl)ether
Concen: 41.317 ng
RT: 6.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	59.1	99.1
95	32.9	12.0	52.0

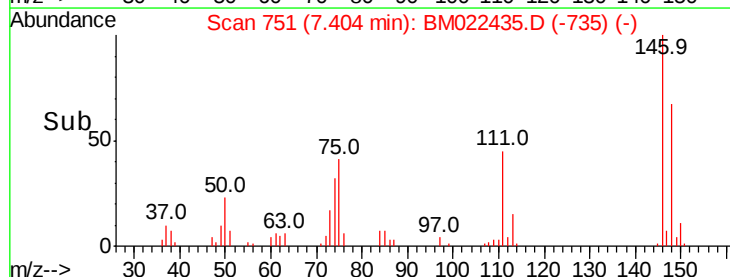
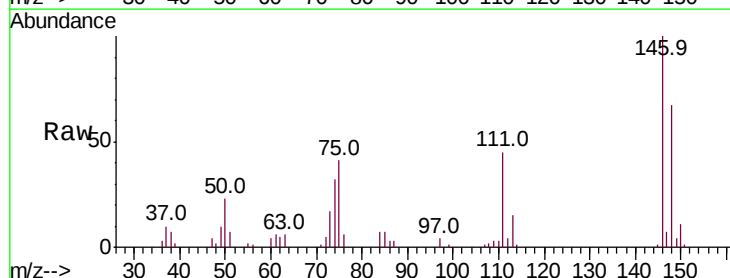
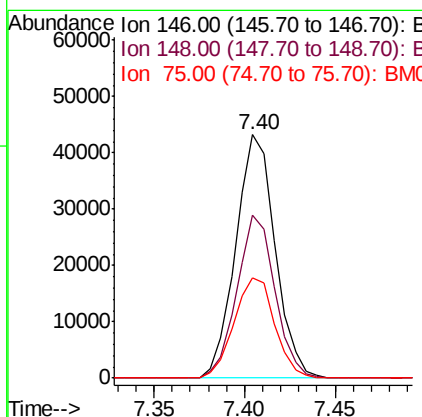
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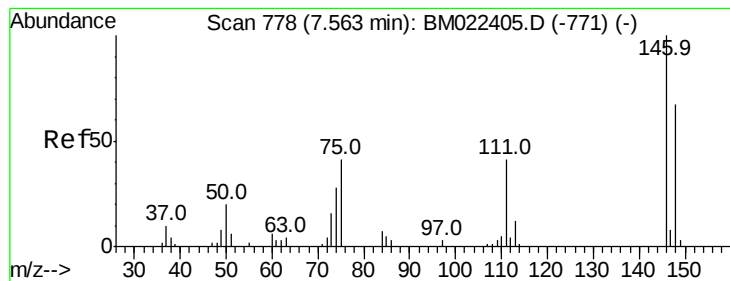
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.701 ng
RT: 7.40 min Scan# 751
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.5	77.3
75	41.4	34.6	52.0





#13

1,4-Dichlorobenzene

Concen: 38.724 ng

RT: 7.56 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

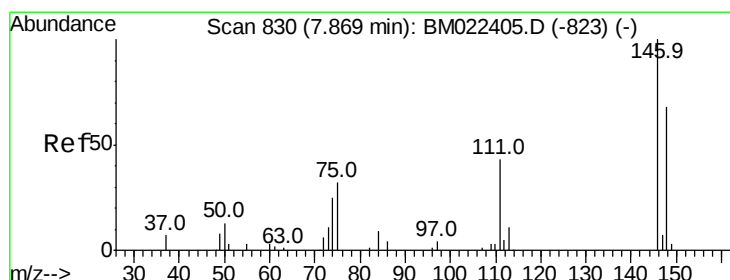
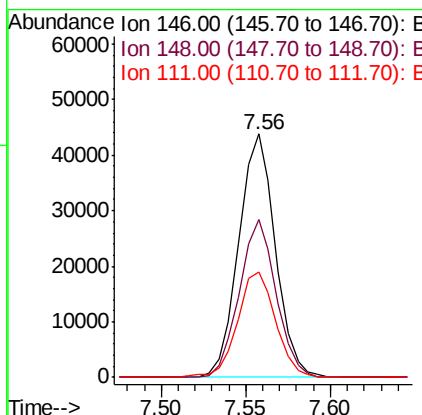
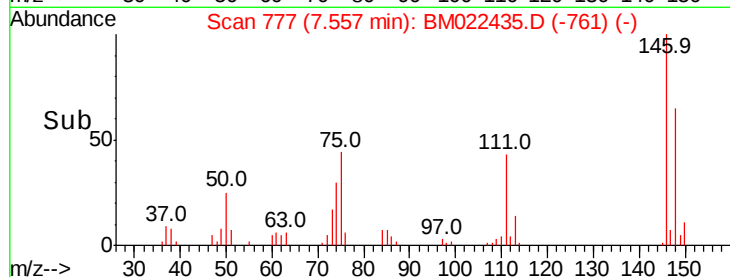
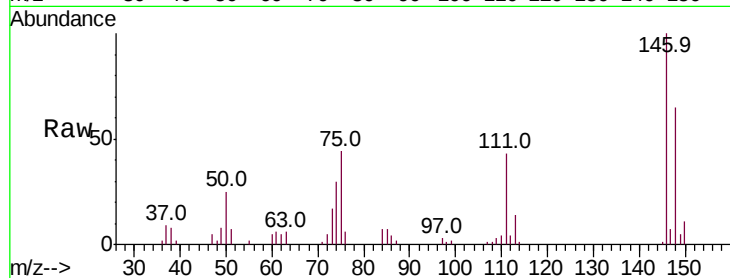
ClientSampleId :

PB122653BS

Tot Ion:	146	Resp:	66034
Ion Ratio	Lower	Upper	
146	100		
148	65.0	53.4	80.0
111	43.4	33.5	50.3

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#14

1,2-Dichlorobenzene

Concen: 37.831 ng

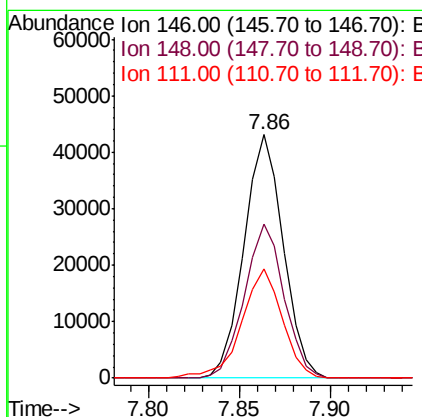
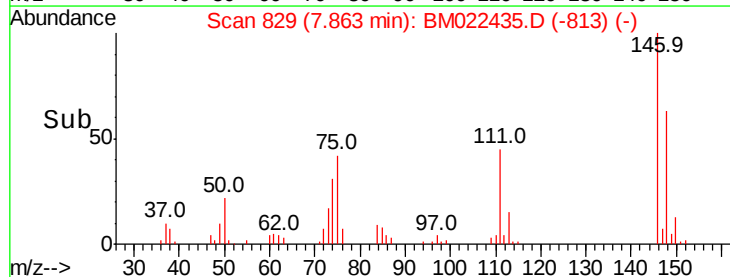
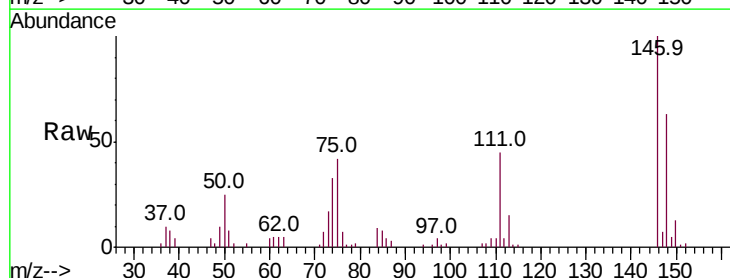
RT: 7.86 min Scan# 829

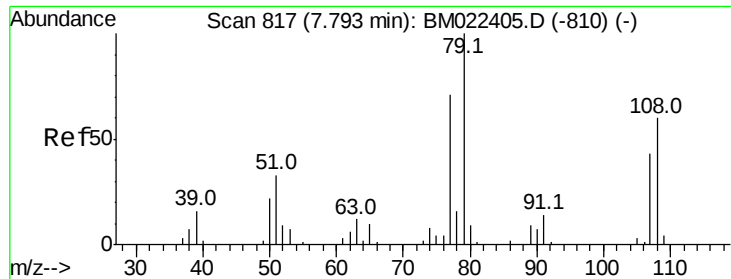
Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	146	Resp:	64674
Ion Ratio	Lower	Upper	
146	100		
148	63.4	54.7	82.1
111	45.1	36.7	55.1





#15

Benzyl Alcohol

Concen: 41.624 ng

RT: 7.79 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

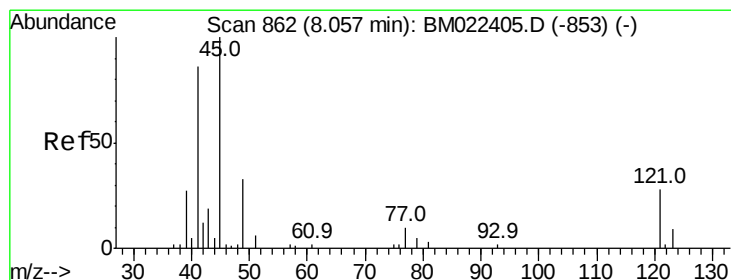
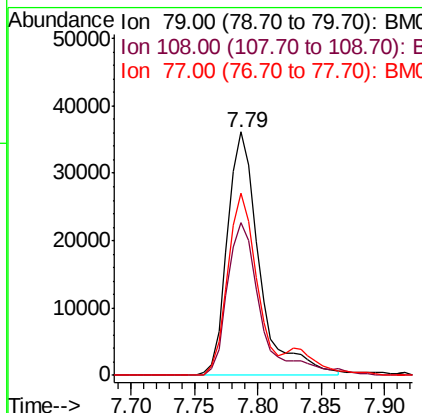
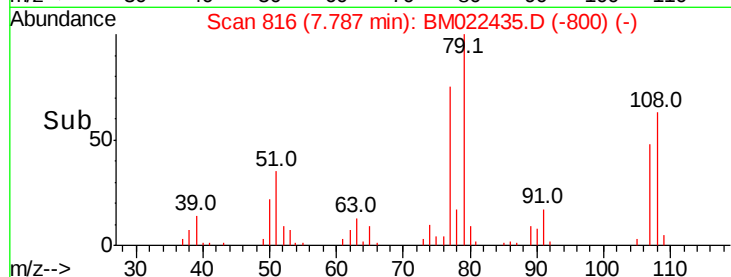
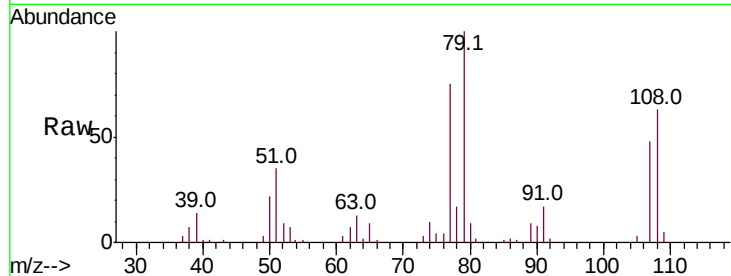
ClientSampleID :

PB122653BS

Tot Ion:	79	Resp:	63636
Ion Ratio	Lower	Upper	
79	100		
108	62.7	48.2	72.4
77	74.6	56.6	85.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.208 ng

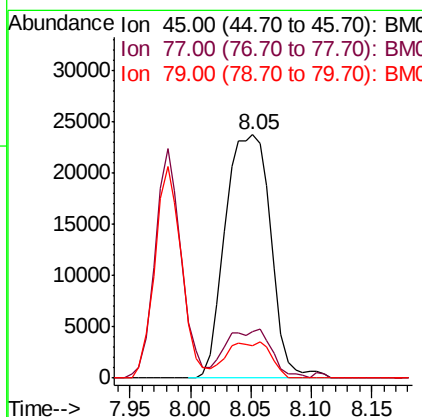
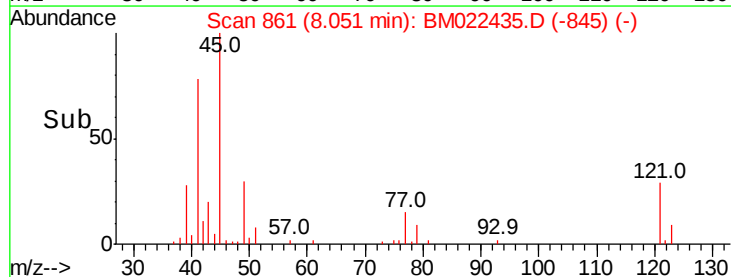
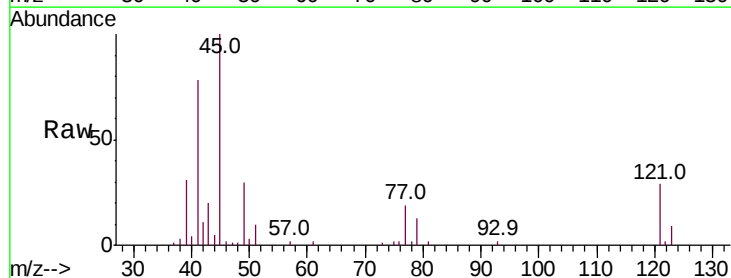
RT: 8.05 min Scan# 861

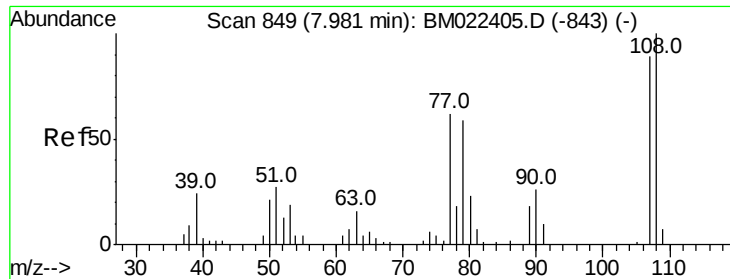
Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	45	Resp:	62078
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.4	40.4
79	13.5	0.0	35.6





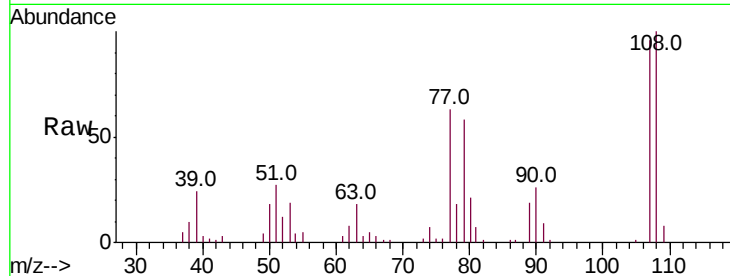
#17
2-Methylphenol
Concen: 44.454 ng
RT: 7.98 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampled :
PB122653BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.4	89.6	134.4
77	65.8	55.3	82.9
79	60.6	53.1	79.7

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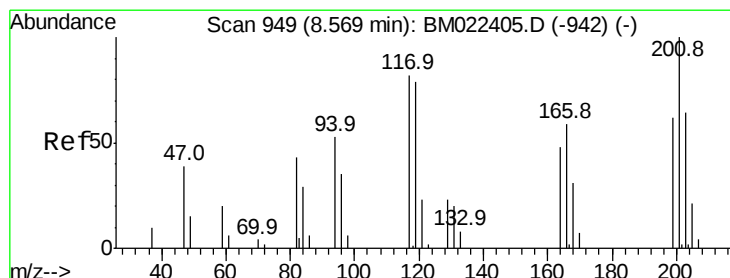
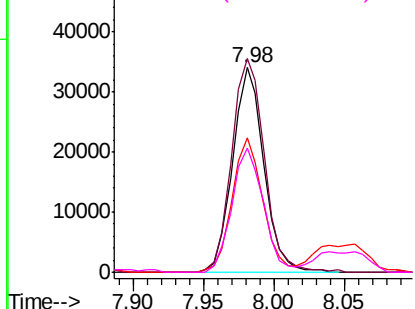
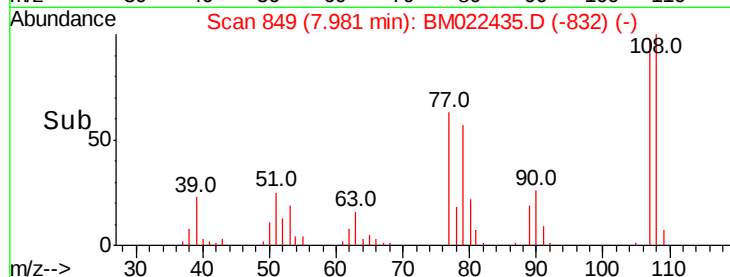
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

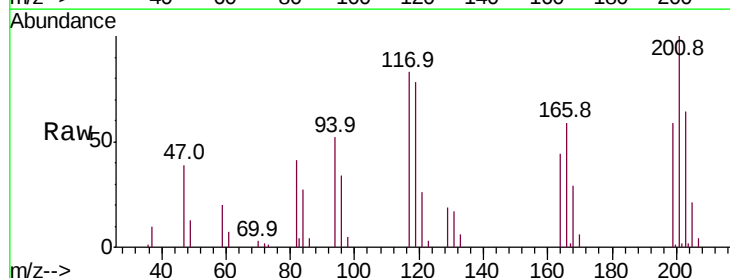
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 37.732 ng
RT: 8.56 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
201	120.5	99.6	149.4

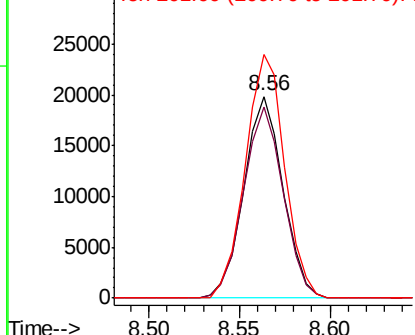
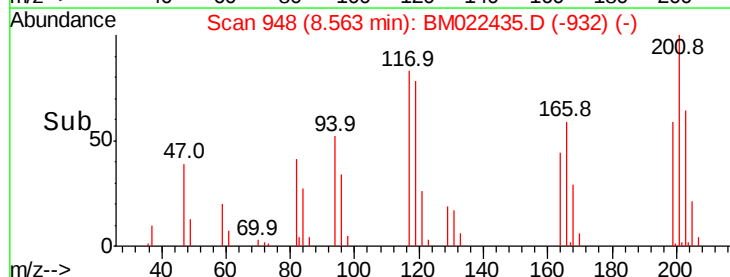


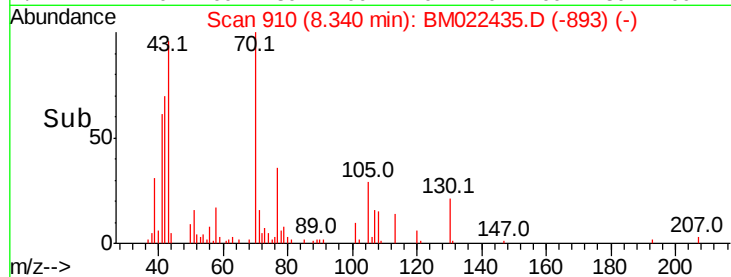
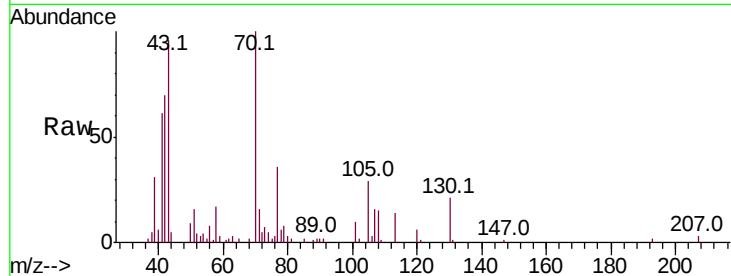
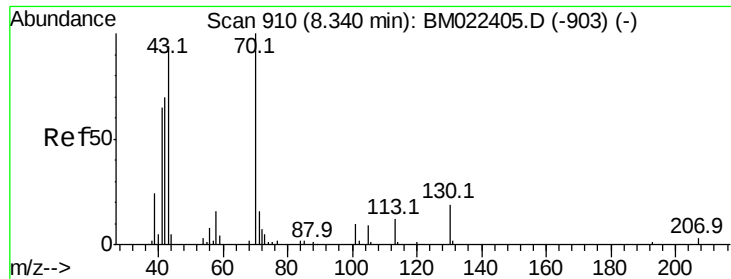
Abundance

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





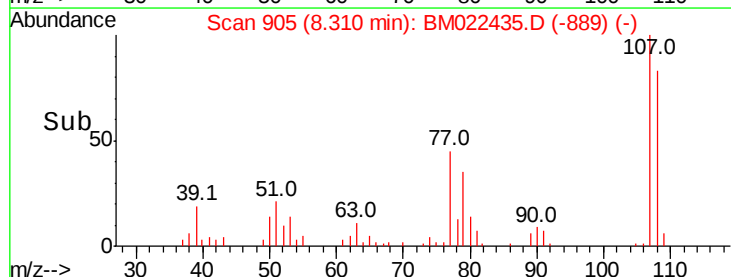
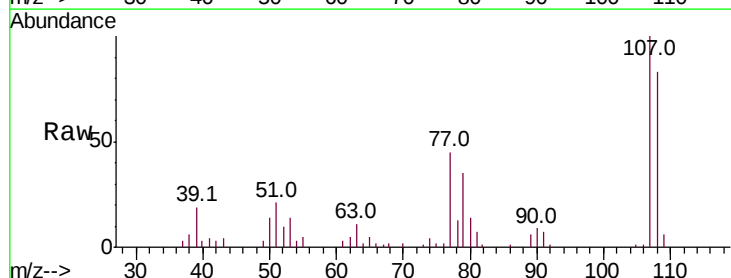
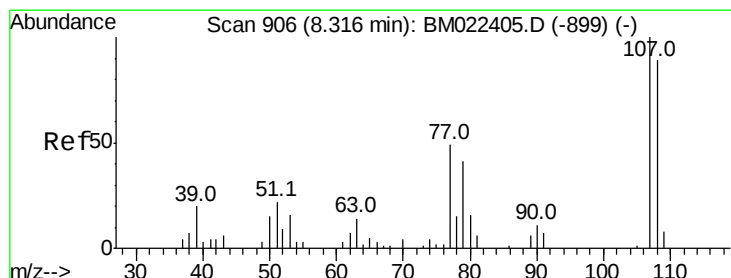
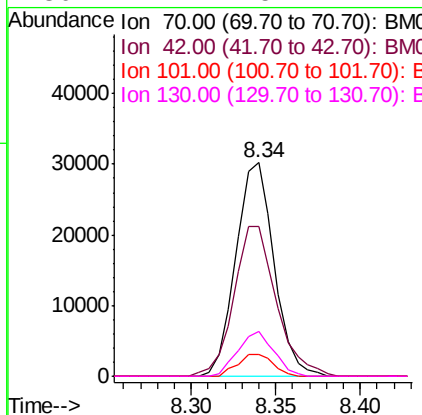
#19
n-Nitroso-di-n-propylamine
Concen: 38.001 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.3	56.2	84.4	
101	10.0	7.6	11.4	
130	21.1	15.1	22.7	

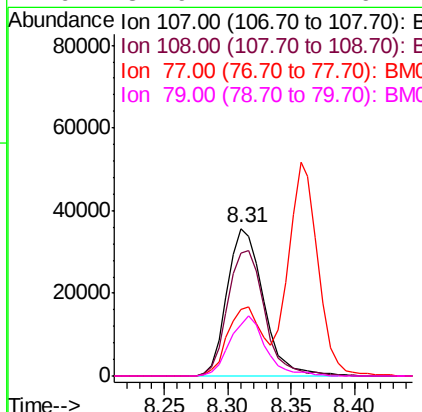
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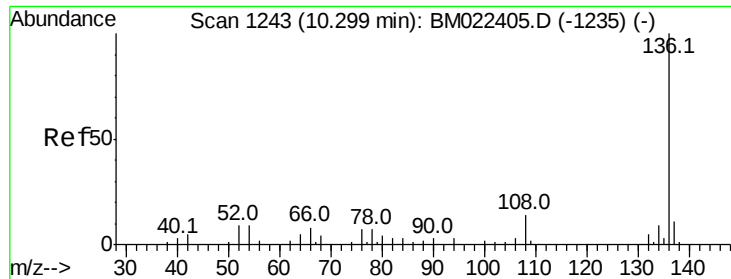
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#20
3+4-Methylphenols
Concen: 44.494 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.3	68.5	108.5	
77	45.0	29.0	69.0	
79	34.9	21.4	61.4	





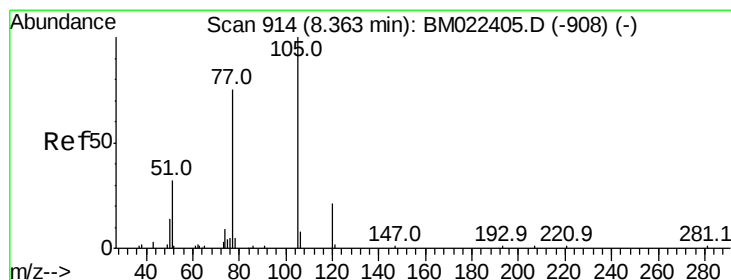
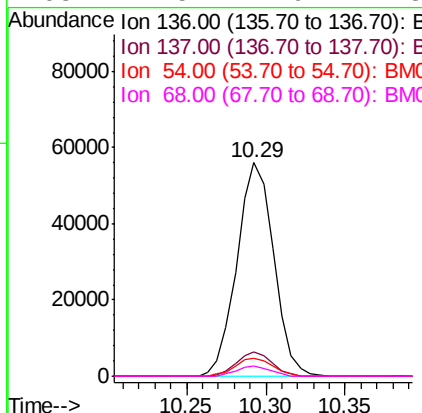
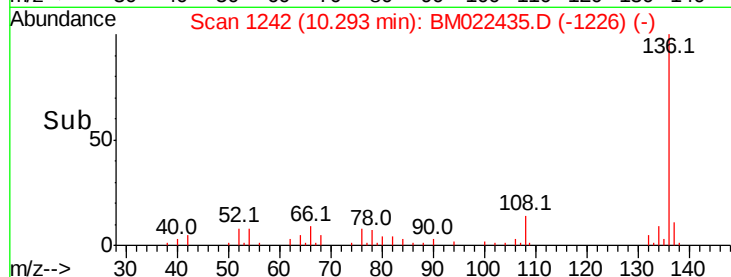
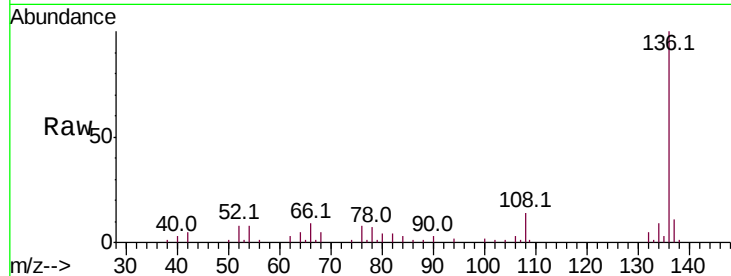
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.6	13.0	
54	8.4	7.0	10.6	
68	4.5	2.9	4.3#	

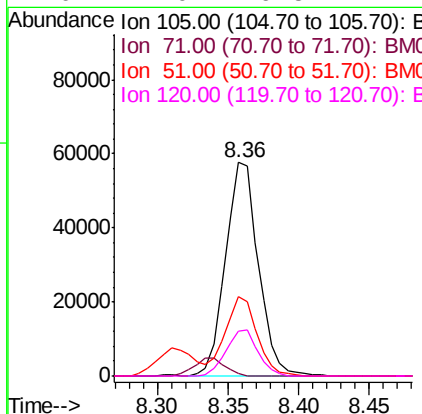
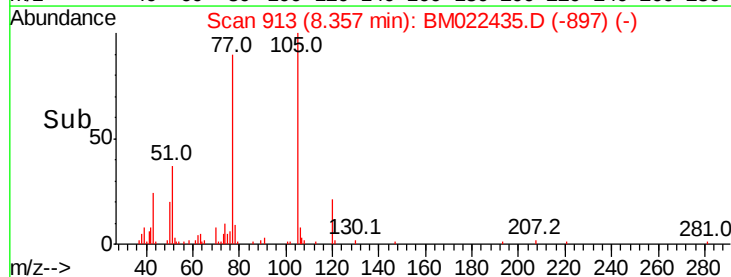
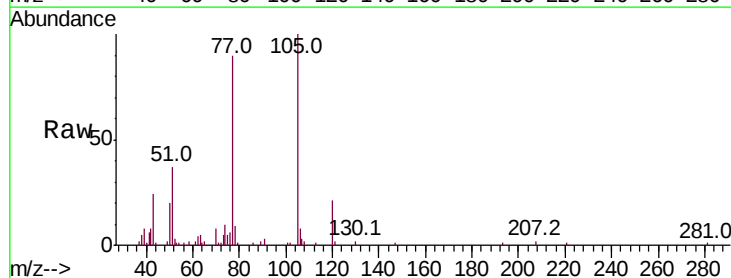
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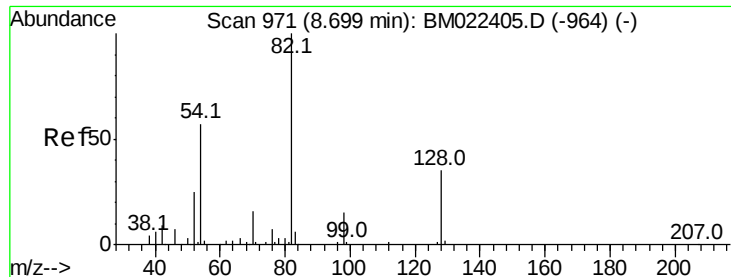
mohammad
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#22
Acetophenone
Concen: 37.475 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	0.6	1.0#	
51	37.4	30.6	46.0	
120	21.0	16.5	24.7	





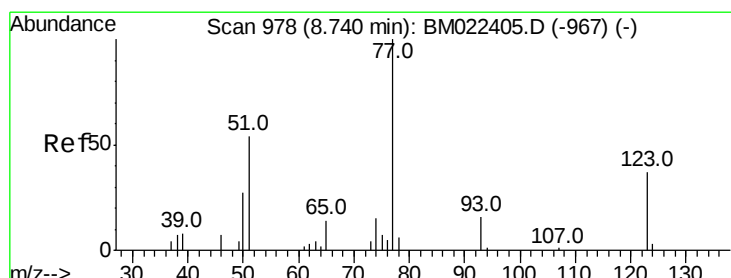
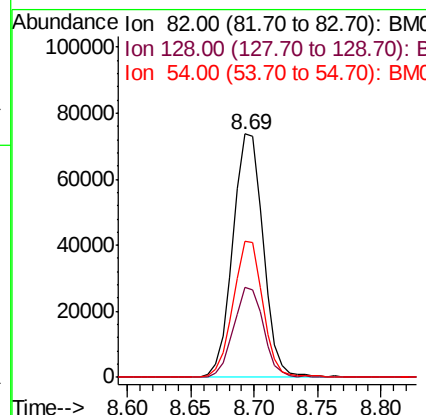
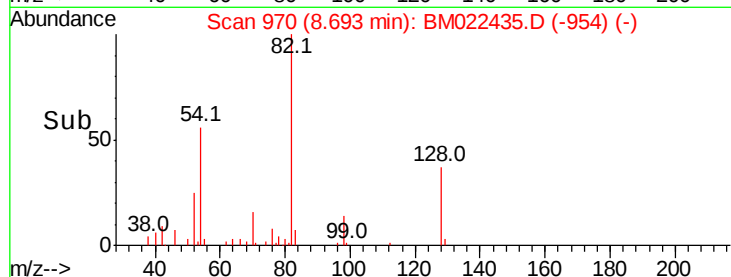
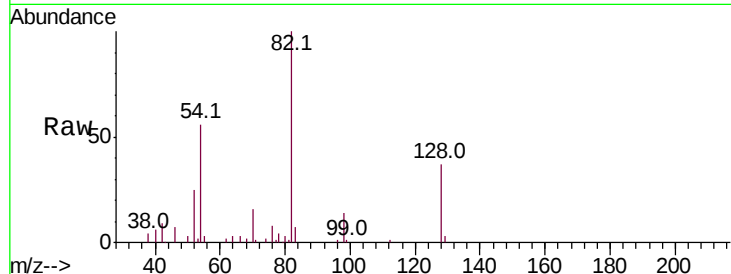
#23
 Nitrobenzene-d5
 Concen: 59.199 ng
 RT: 8.69 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	122166		
128	37.1	27.9	41.9	
54	55.6	45.2	67.8	

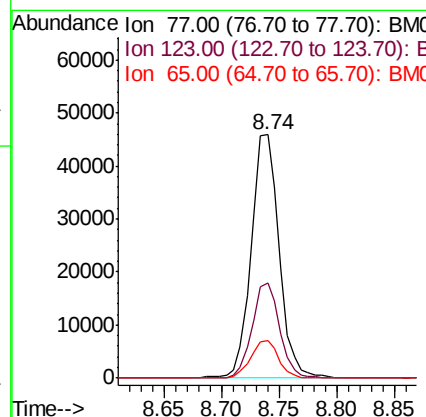
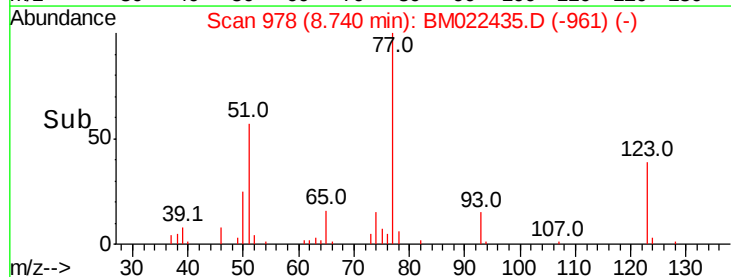
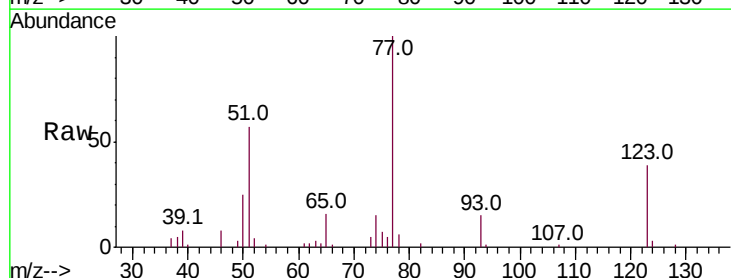
Manual Integrations
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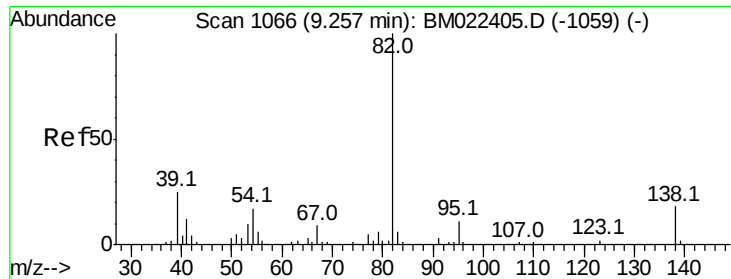
mohammad
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#24
 Nitrobenzene
 Concen: 39.054 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	77586		
123	38.9	30.0	45.0	
65	15.6	11.5	17.3	





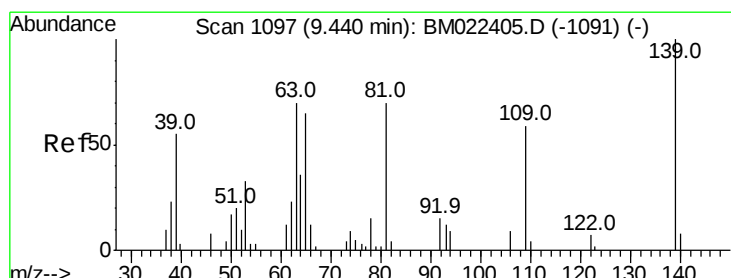
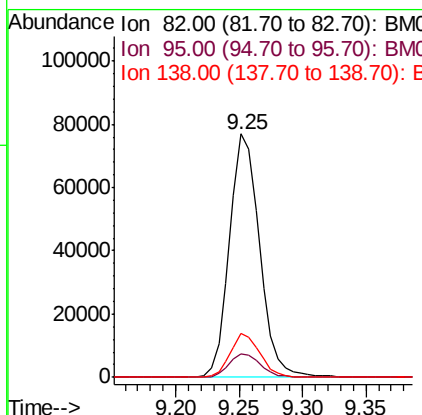
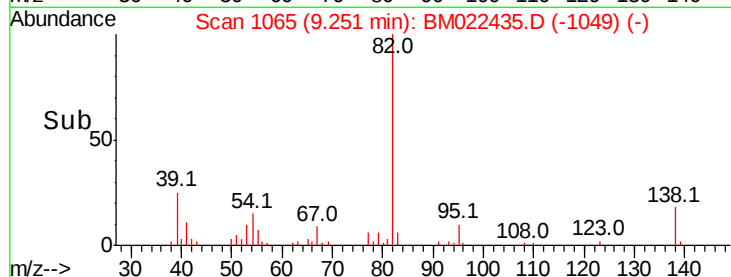
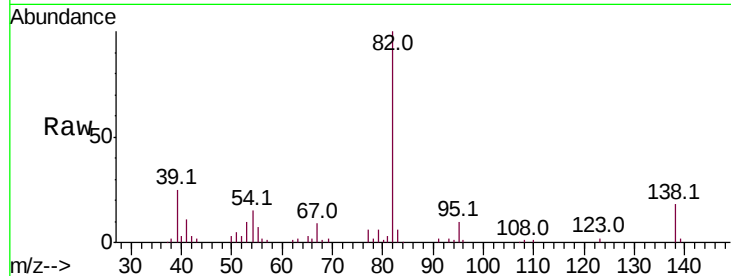
#25
Isophorone
Concen: 39.113 ng
RT: 9.25 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	126740		
95	9.6	8.6	13.0	
138	17.8	14.4	21.6	

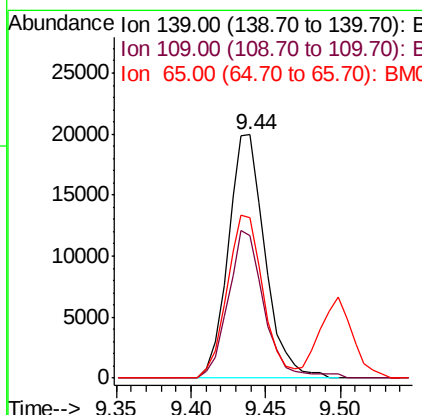
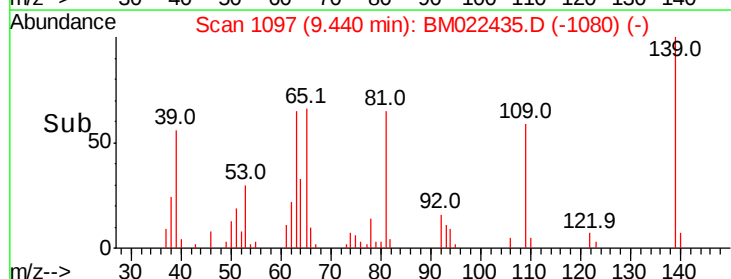
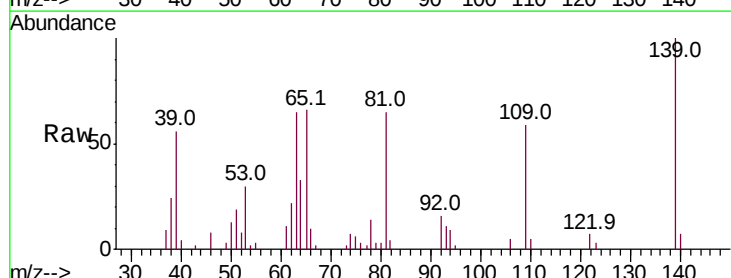
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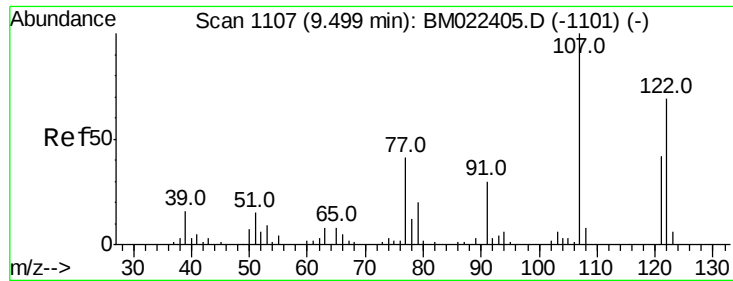
mohammad
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#26
2-Nitrophenol
Concen: 43.178 ng
RT: 9.44 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	34360		
109	58.8	47.0	70.4	
65	66.0	52.3	78.5	





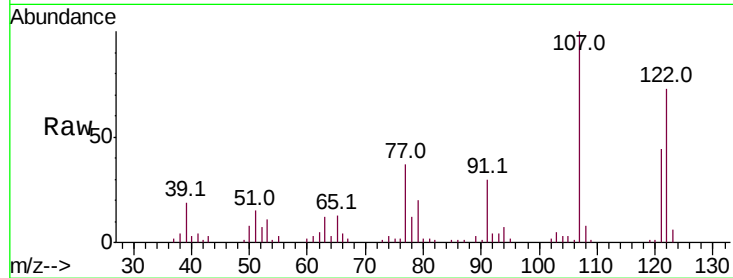
#27
 2,4-Dimethylphenol
 Concen: 48.864 ng
 RT: 9.50 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.3	116.2	174.4
121	59.4	49.1	73.7

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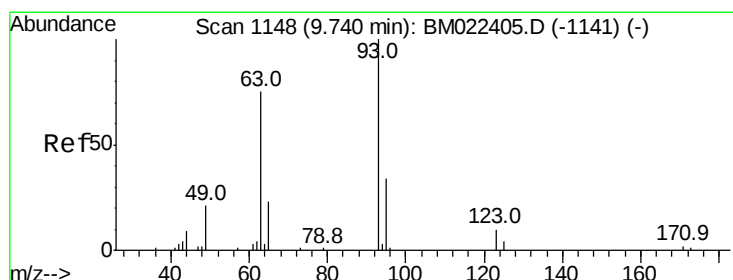
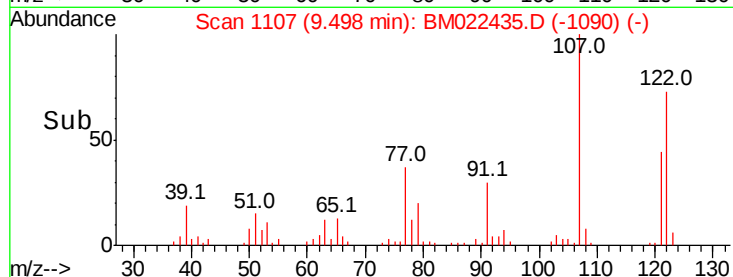
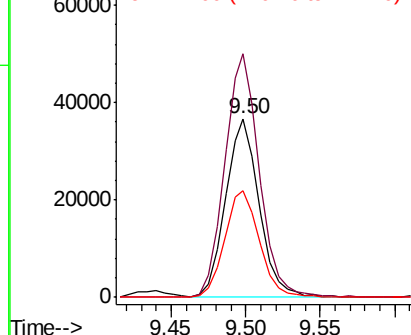


Abundance

Ion 122.00 (121.70 to 122.70): E

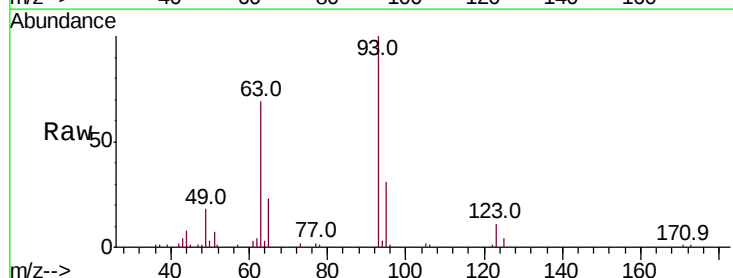
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.418 ng
 RT: 9.73 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	27.5	41.3
123	11.4	9.6	14.4

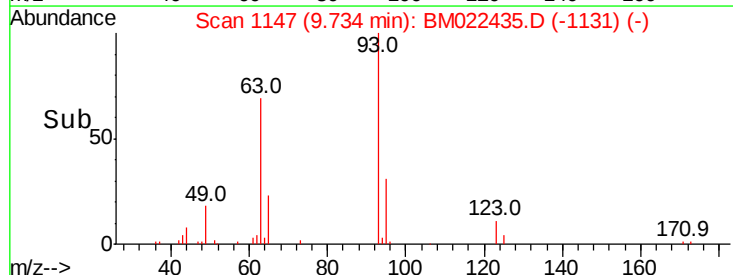
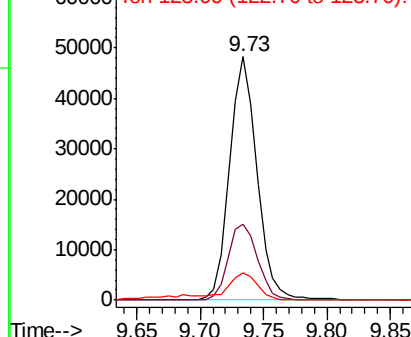


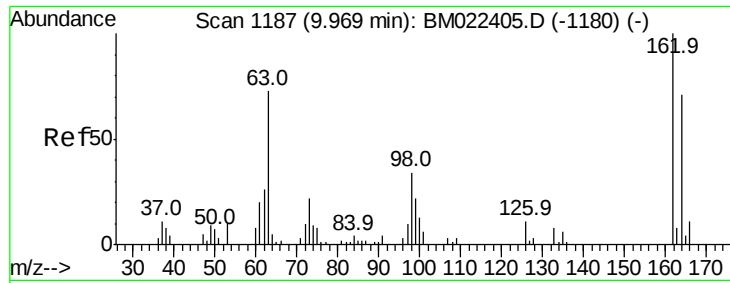
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





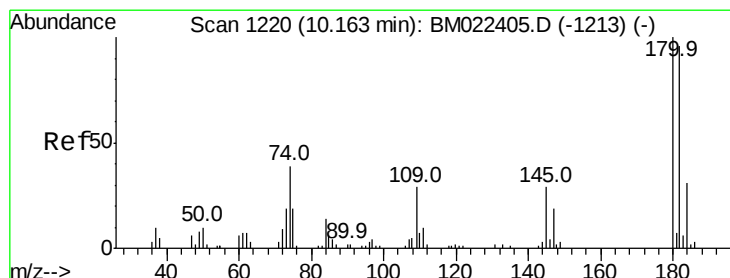
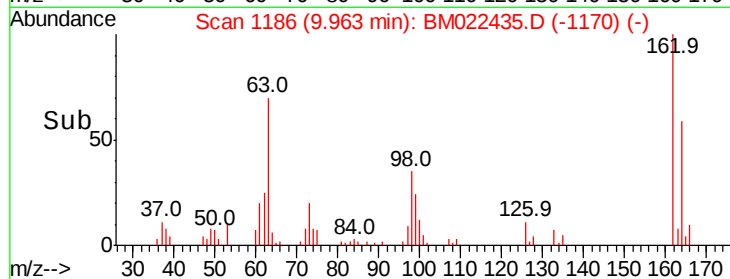
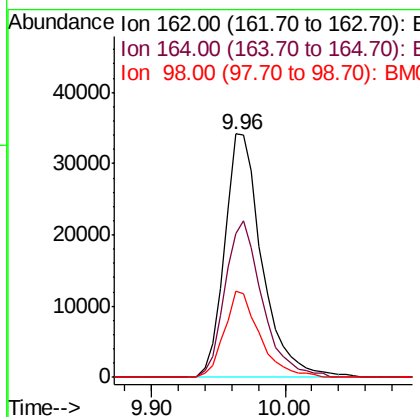
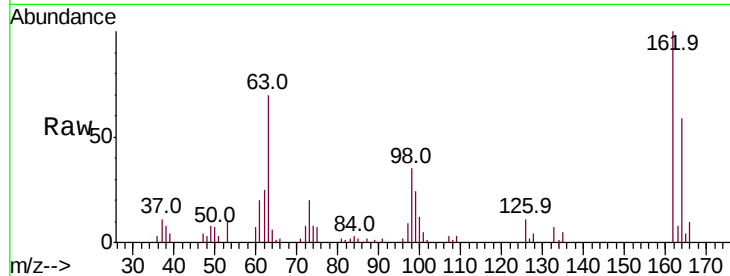
#29
 2,4-Dichlorophenol
 Concen: 43.069 ng
 RT: 9.96 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	66891		
164	59.3		51.2	91.2
98	35.4		14.1	54.1

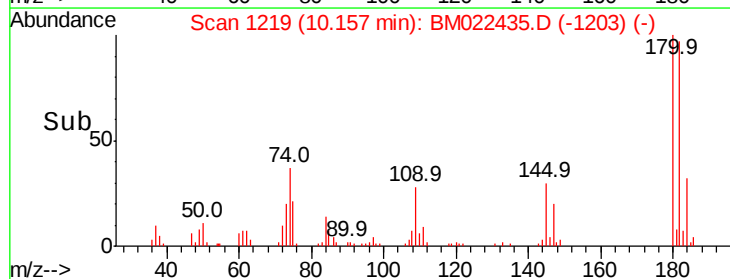
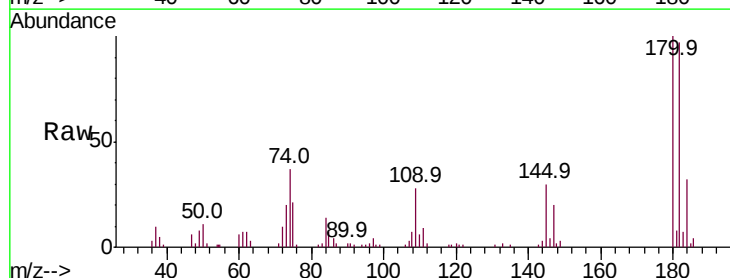
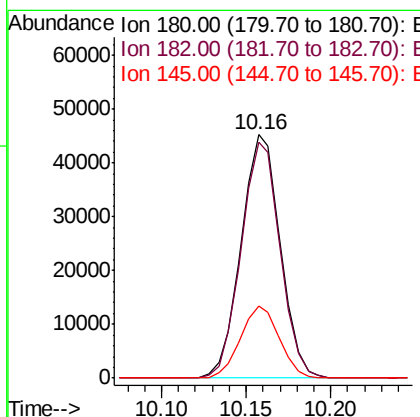
Manual Integrations
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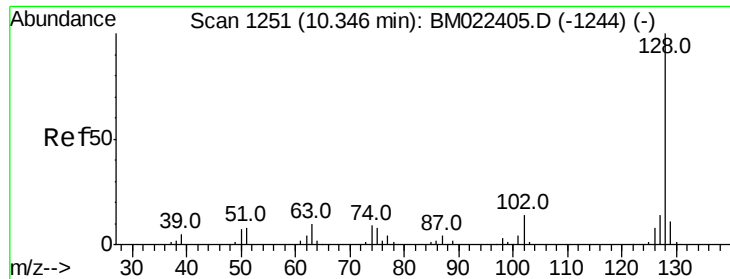
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.750 ng
 RT: 10.16 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	72681		
182	97.2		77.0	115.4
145	29.7		23.0	34.6





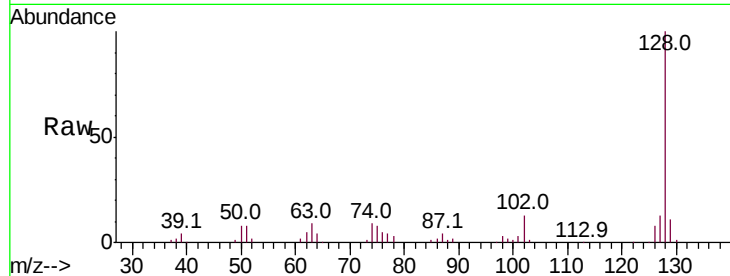
#31
Naphthalene
Concen: 38.519 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.0	13.4	
127	13.2	11.0	16.4	

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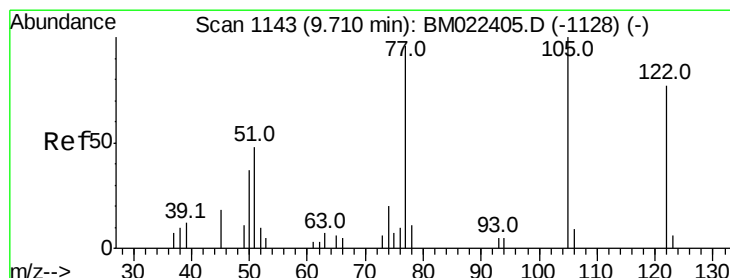
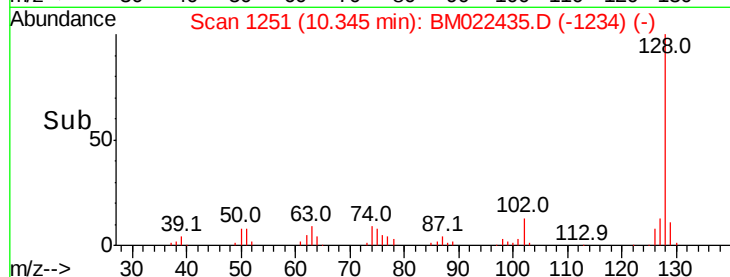
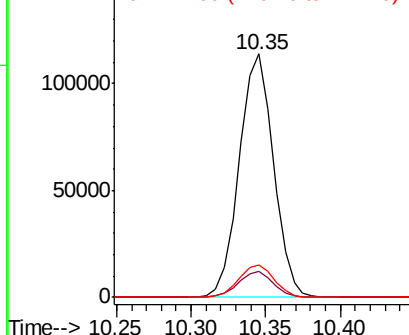


Abundance

Ion 128.00 (127.70 to 128.70): E

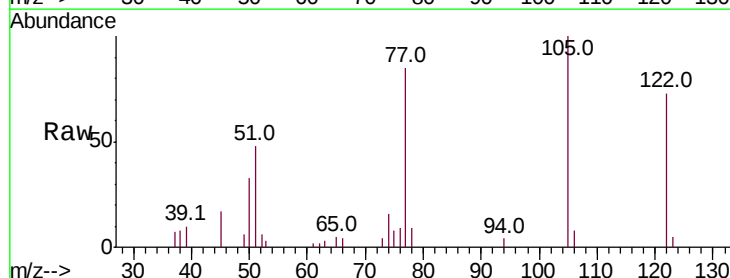
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.308 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.6	109.3	149.3	
77	116.3	105.5	145.5	

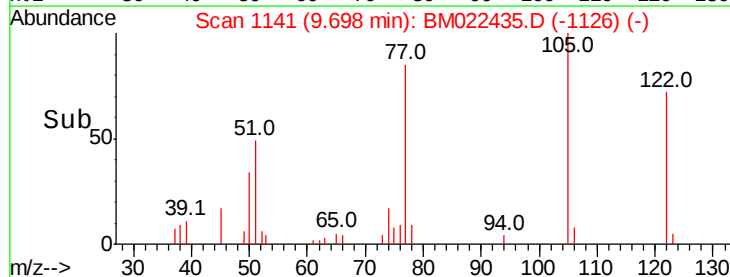
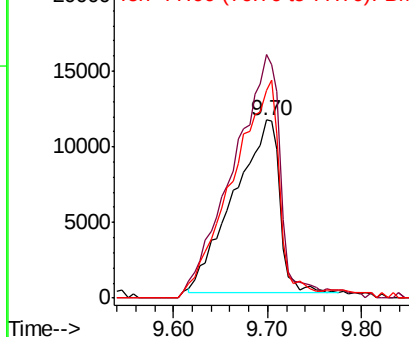


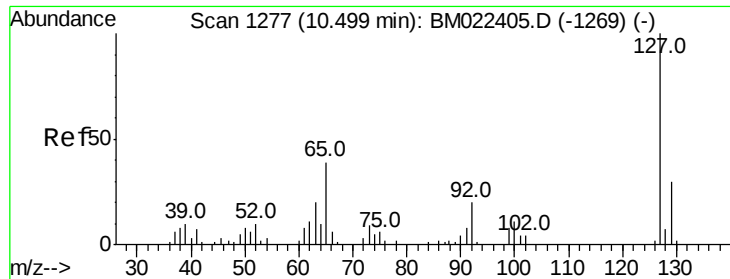
Abundance

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





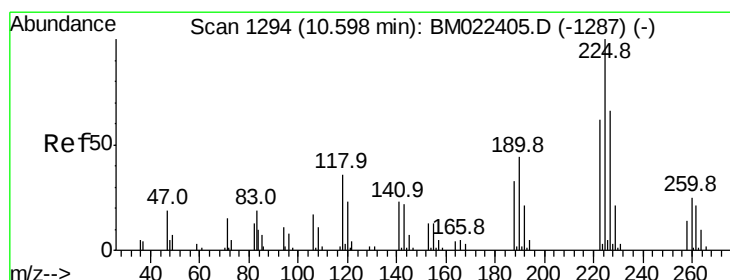
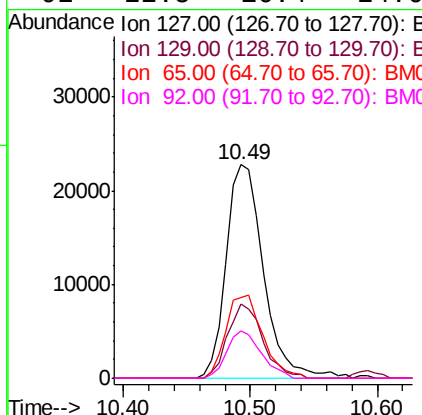
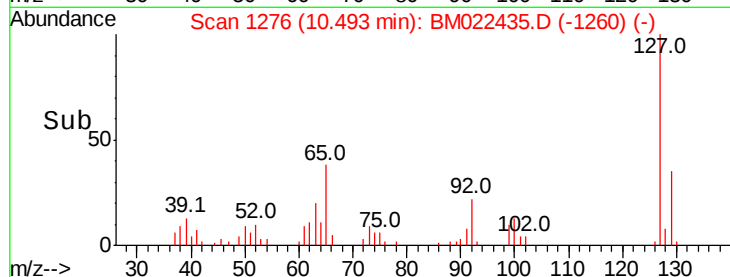
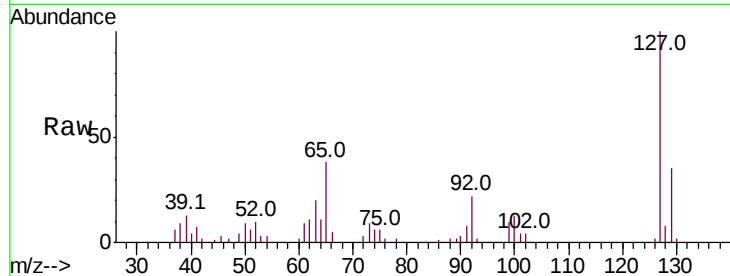
#33
 4-Chloroaniline
 Concen: 22.955 ng
 RT: 10.49 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.9	24.2	36.2
65	37.6	31.0	46.4
92	22.5	16.4	24.6

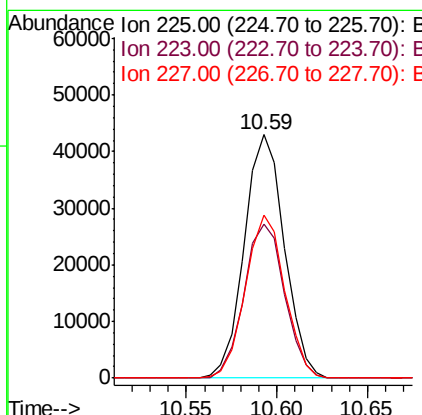
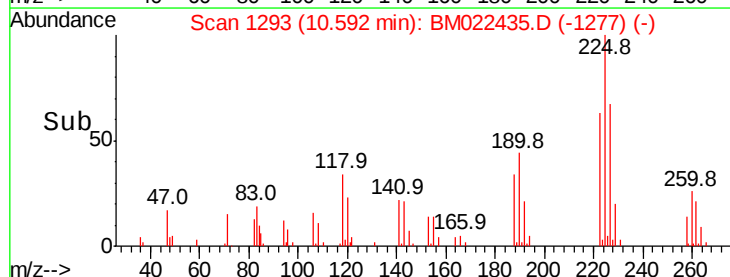
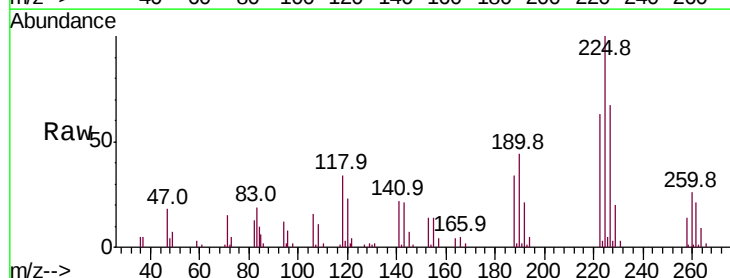
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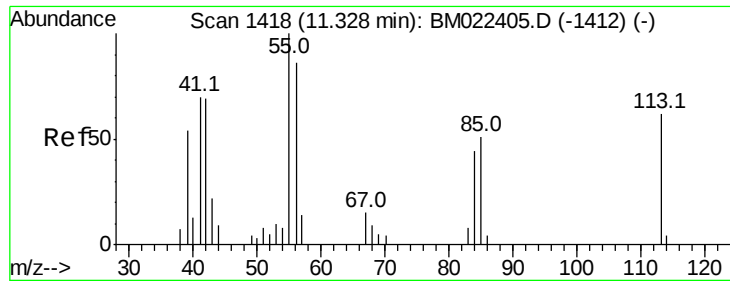
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#34
 Hexachlorobutadiene
 Concen: 33.817 ng
 RT: 10.59 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.3	73.9
227	66.7	52.6	79.0





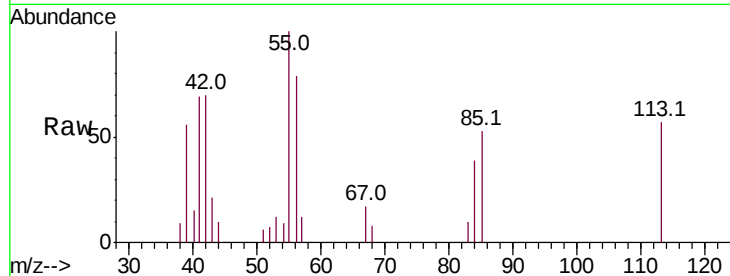
#35
Caprolactam
Concen: 42.127 ng/ml
RT: 11.33 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

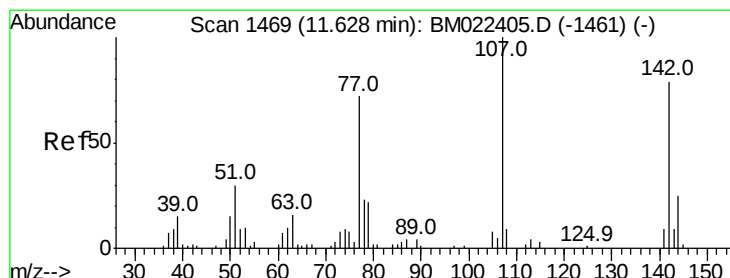
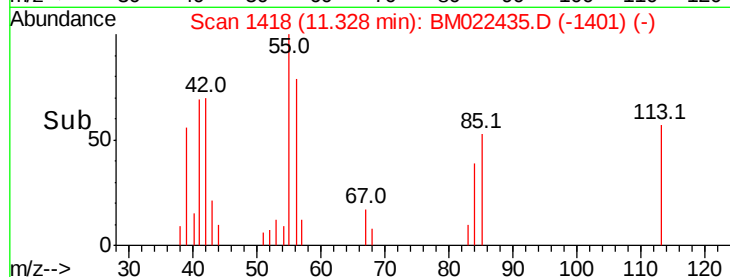
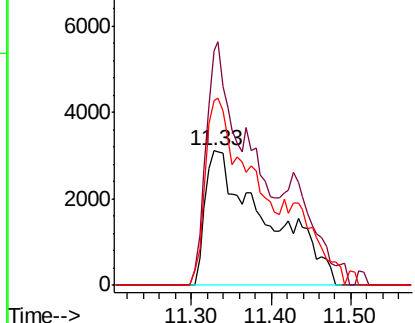
Tot Ion:113 Resp: 16630
Ion Ratio Lower Upper
113 100
55 174.9 140.0 180.0
56 137.5 117.6 157.6

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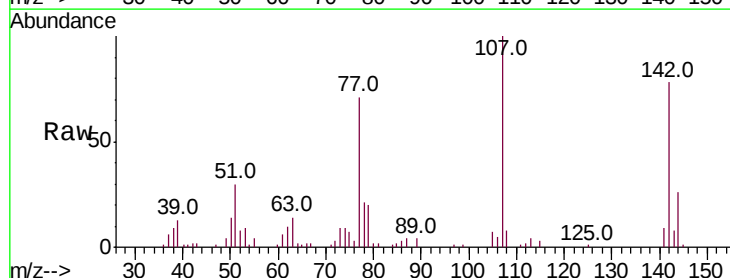


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

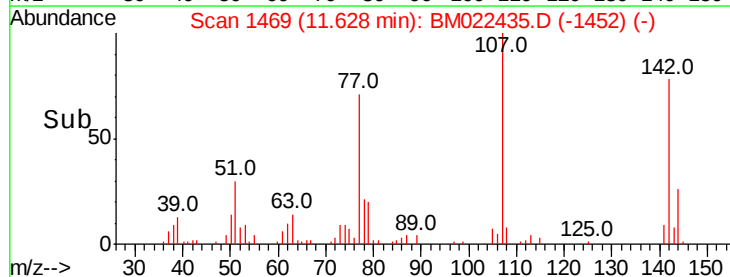
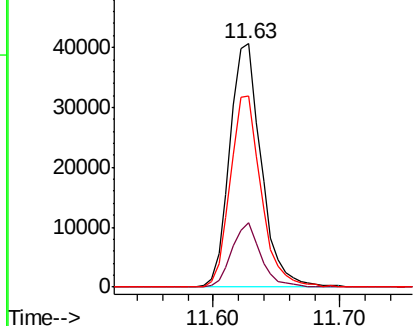


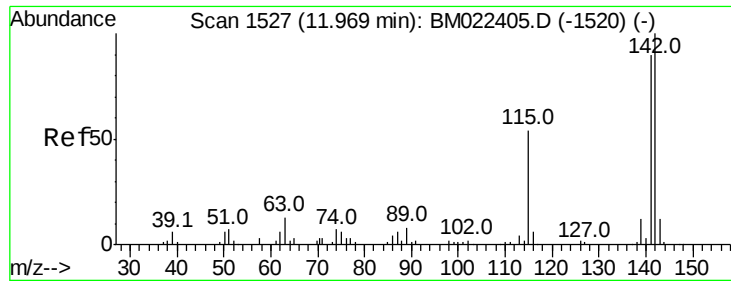
#36
4-Chloro-3-methylphenol
Concen: 42.800 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion:107 Resp: 70062
Ion Ratio Lower Upper
107 100
144 26.3 19.8 29.6
142 78.3 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





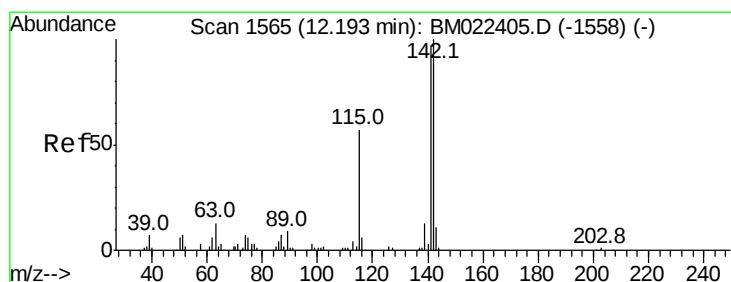
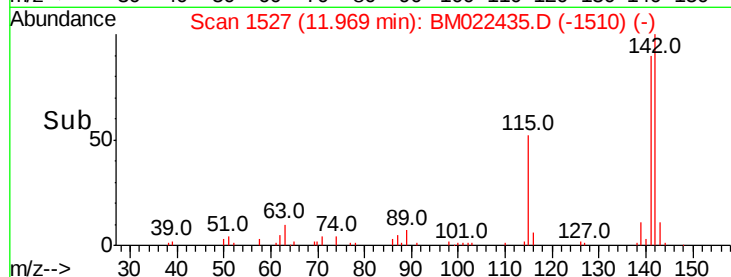
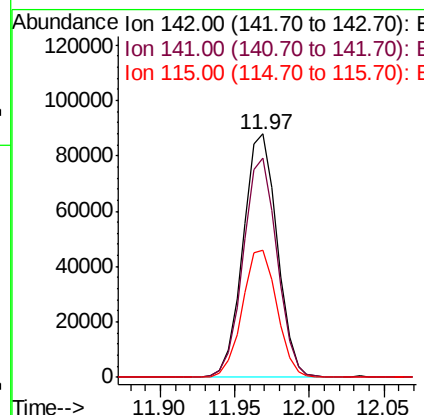
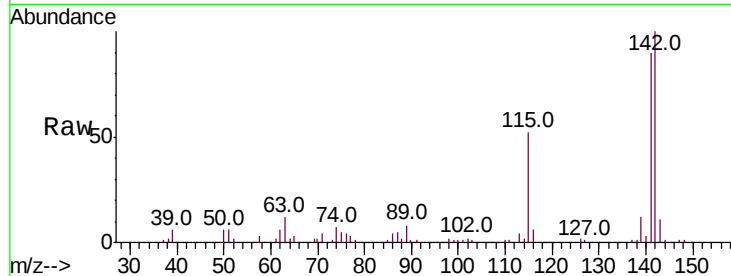
#37
2-Methylnaphthalene
Concen: 38.951 ng
RT: 11.97 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.2
115	52.4	43.2	64.8

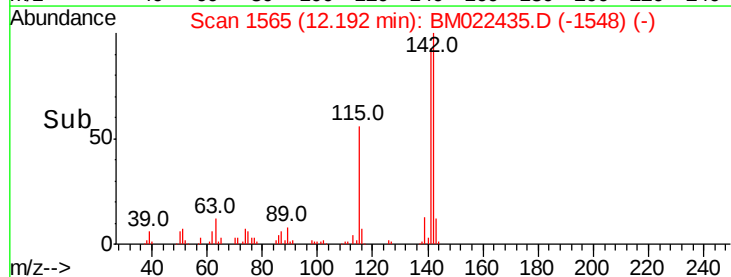
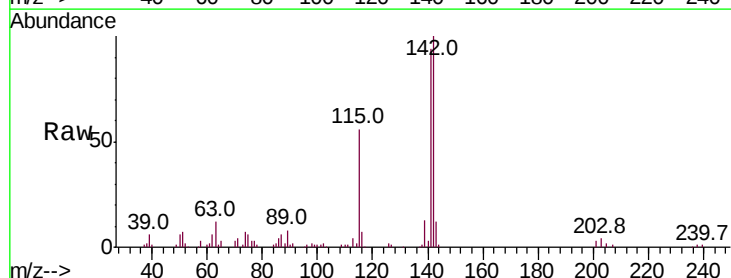
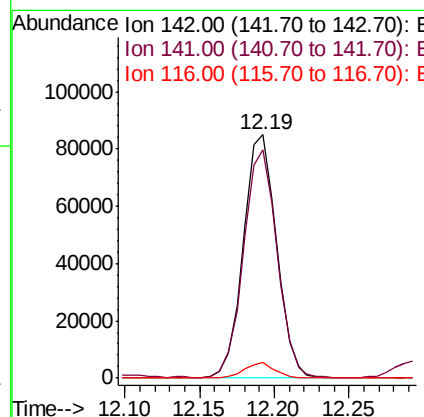
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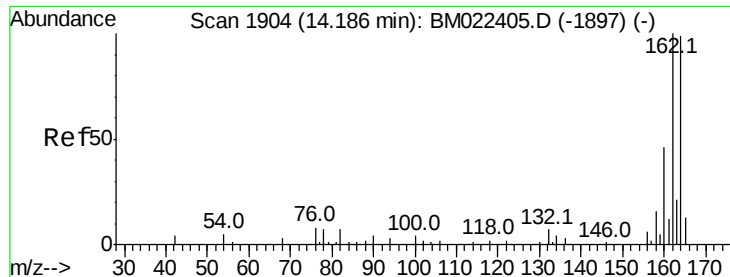
mohammad
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#38
1-Methylnaphthalene
Concen: 38.031 ng
RT: 12.19 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	77.3	115.9
116	6.7	4.9	7.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

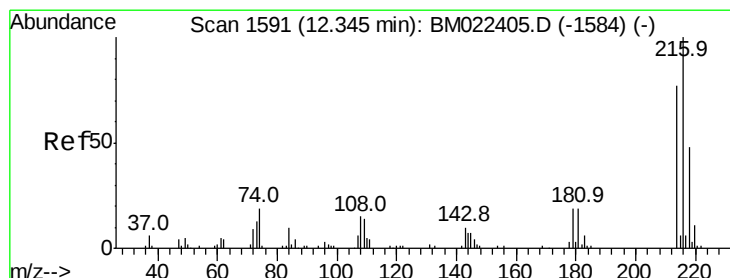
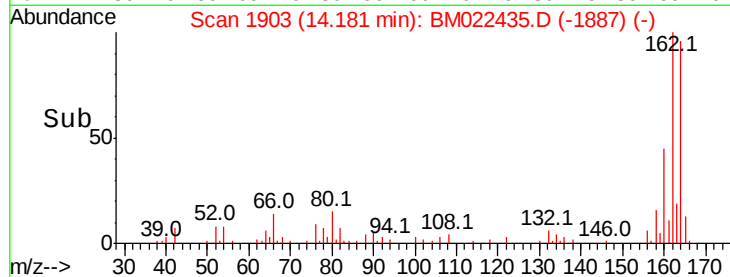
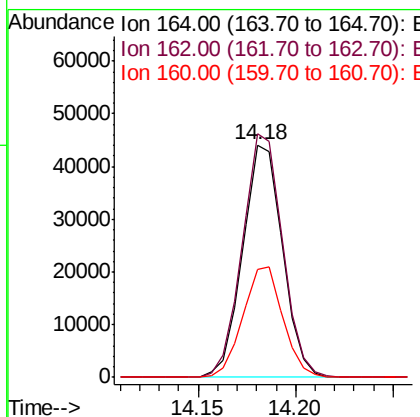
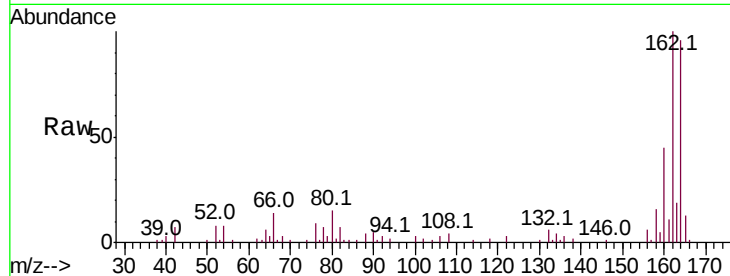
ClientSampleId :

PB122653BS

Tot Ion:	164	Resp:	62280
Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.6	121.0
160	46.7	37.3	55.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.417 ng

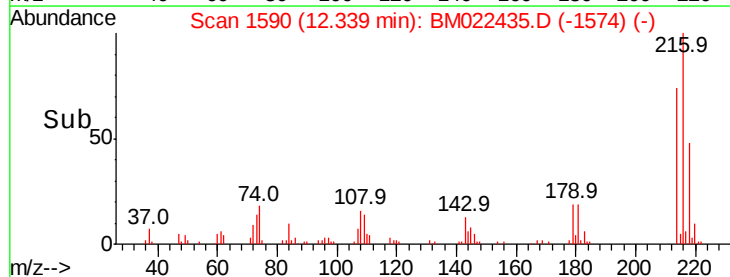
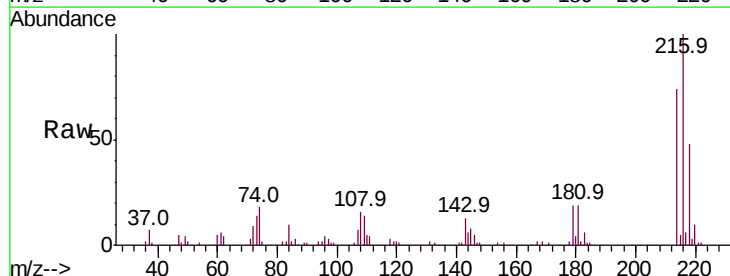
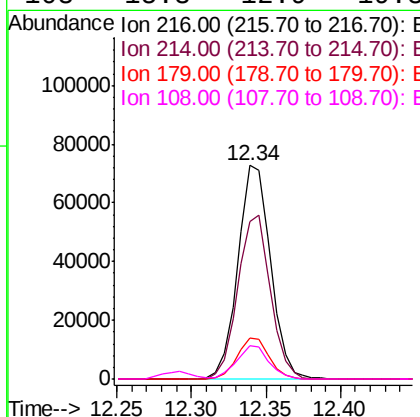
RT: 12.34 min Scan# 1590

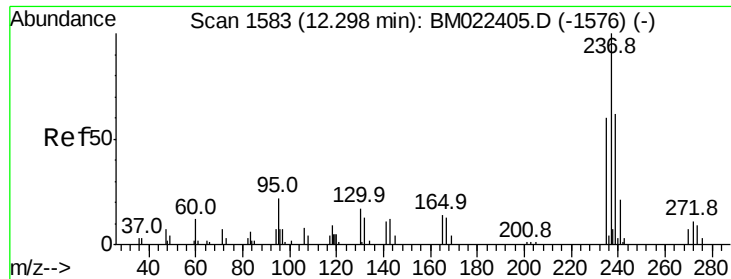
Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	216	Resp:	110594
Ion	Ratio	Lower	Upper
216	100		
214	76.2	61.0	91.4
179	18.9	15.2	22.8
108	15.3	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 65.035 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

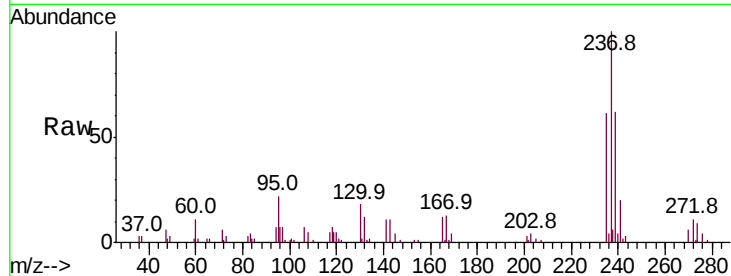
ClientSampleId :

PB122653BS

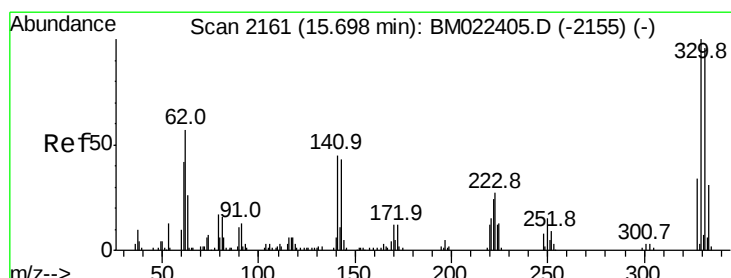
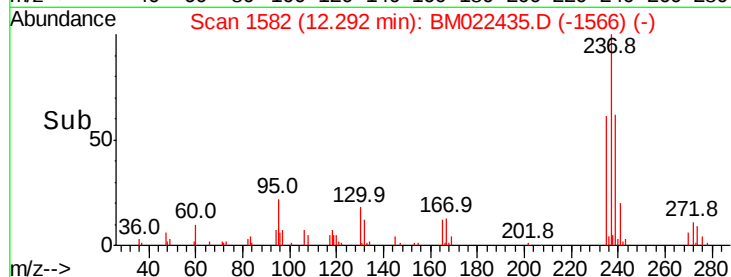
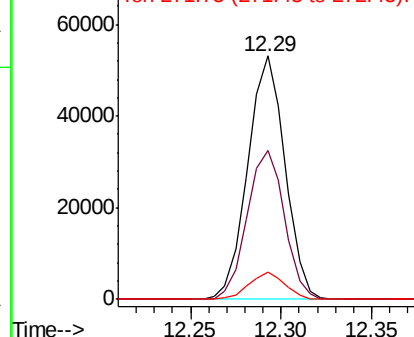
Tot Ion:	237	Resp:	75753
Ion Ratio	Lower	Upper	
237	100		
235	61.3	40.5	80.5
272	11.5	0.0	30.8

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



#42

2,4,6-Tribromophenol

Concen: 99.885 ng

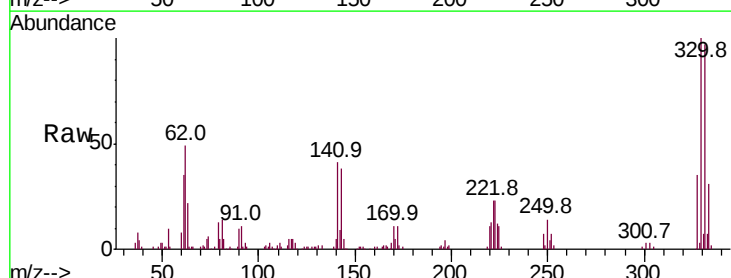
RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

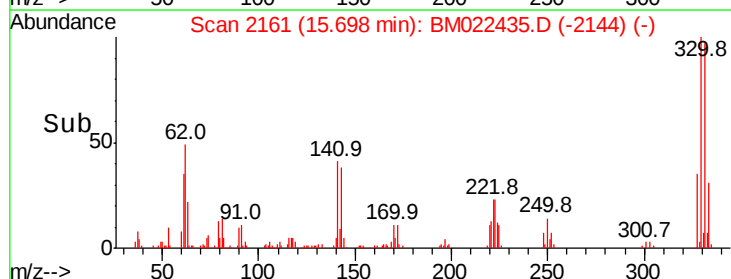
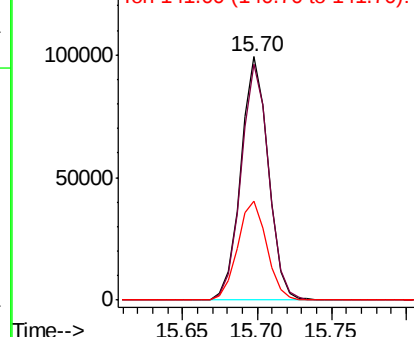
Lab File: BM022435.D

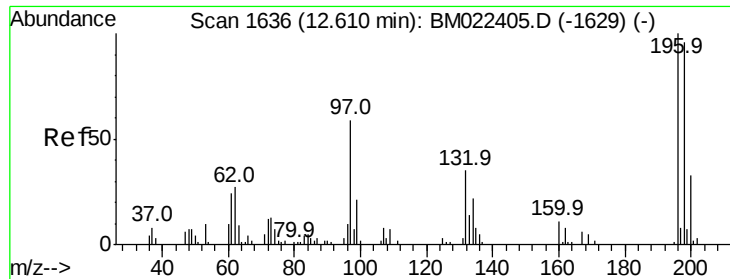
Acq: 30 Aug 2019 10:56

Tgt Ion:	330	Resp:	127295
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.8	116.8
141	43.2	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





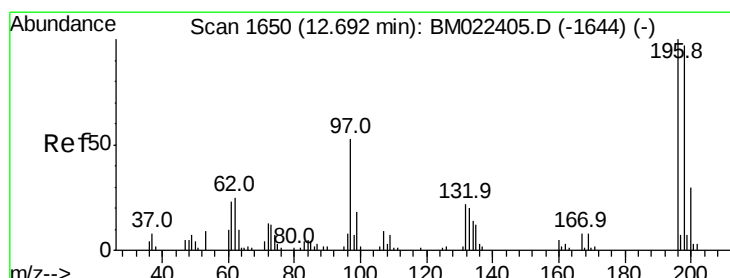
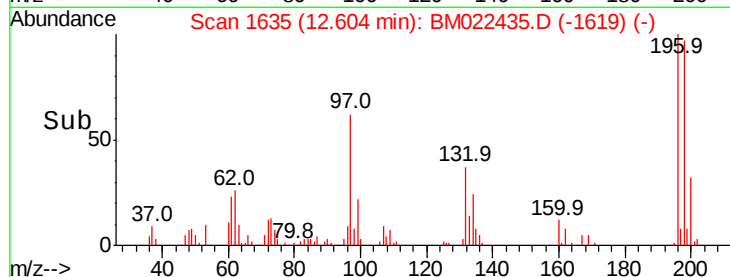
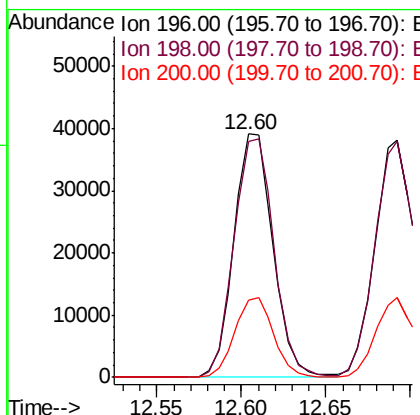
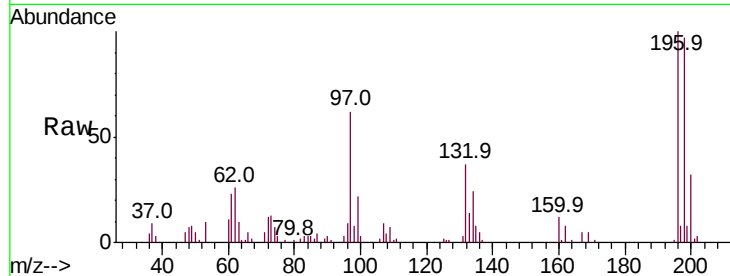
#43
 2,4,6-Trichlorophenol
 Concen: 39.562 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63118		
198	96.9	77.0	115.6	
200	31.5	26.3	39.5	

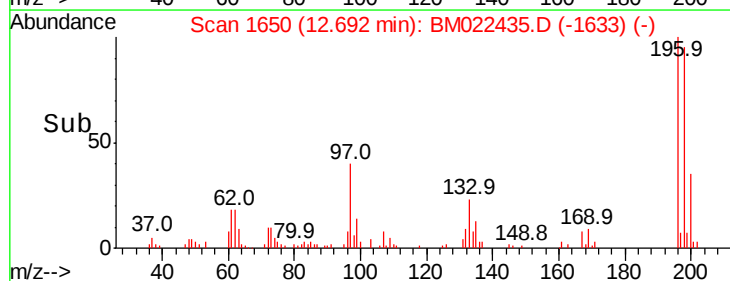
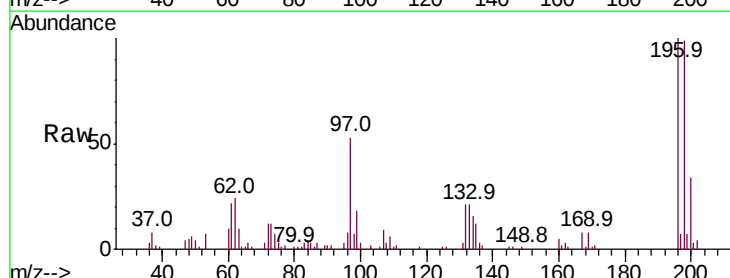
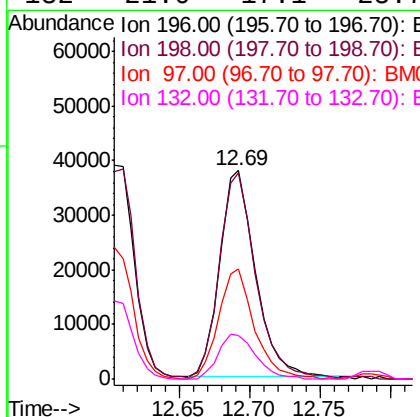
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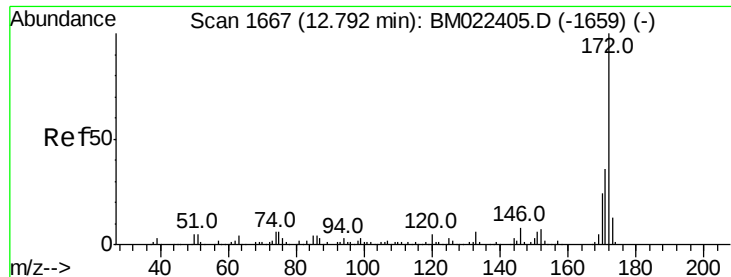
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#44
 2,4,5-Trichlorophenol
 Concen: 42.146 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	66673		
198	99.3	76.6	115.0	
97	52.6	41.7	62.5	
132	21.0	17.1	25.7	





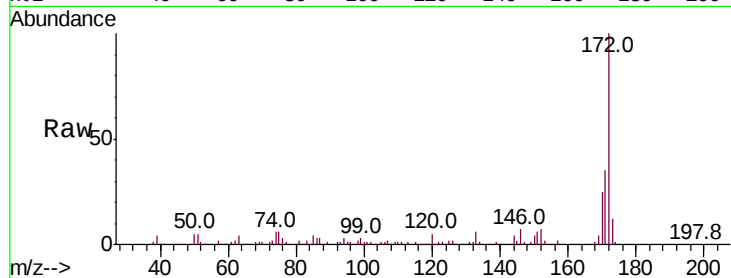
#45
2-Fluorobiphenyl
Concen: 54.981 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

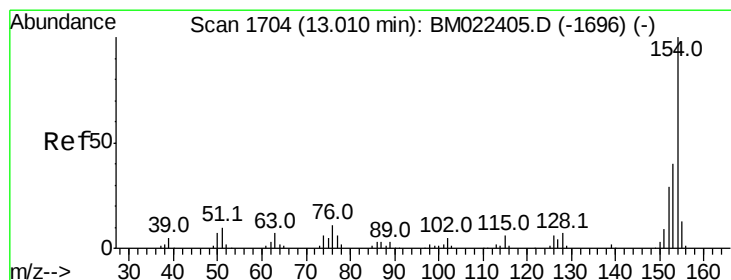
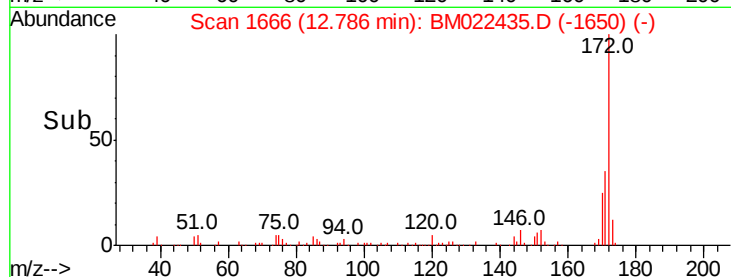
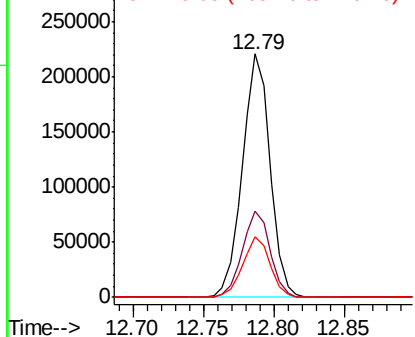
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.8	18.9	28.3

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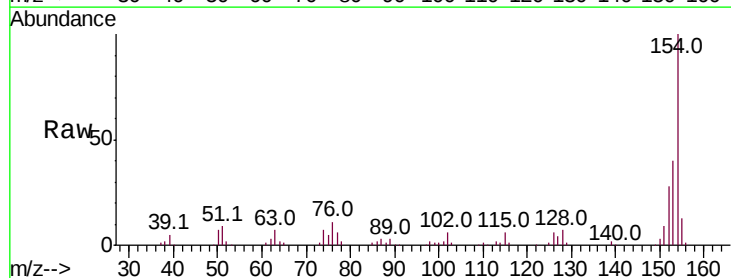


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

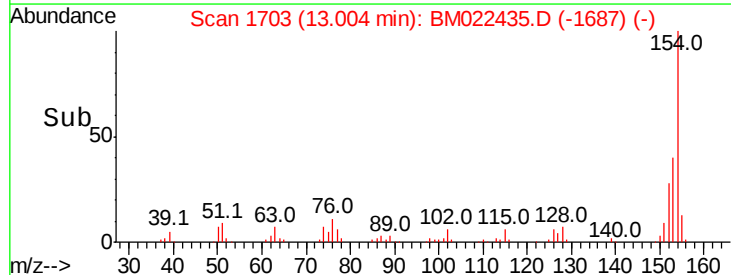
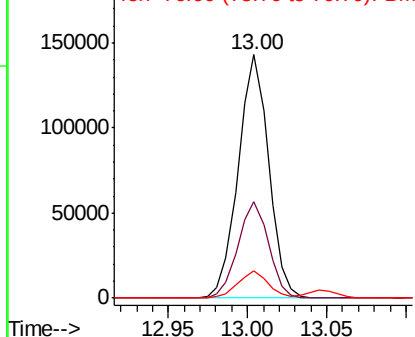


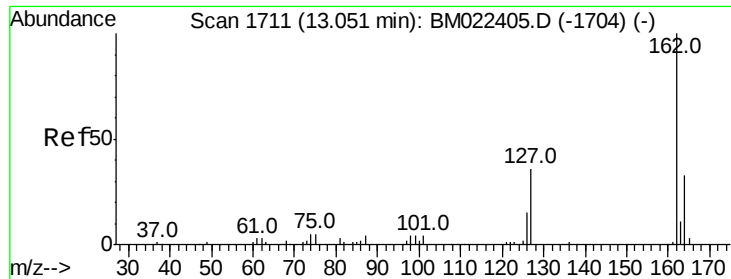
#46
1,1'-Biphenyl
Concen: 37.534 ng
RT: 13.00 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.4	60.4
76	11.2	0.0	30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





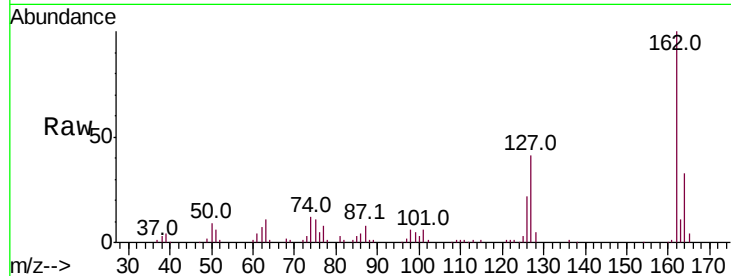
#47
2-Chloronaphthalene
Concen: 37.659 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

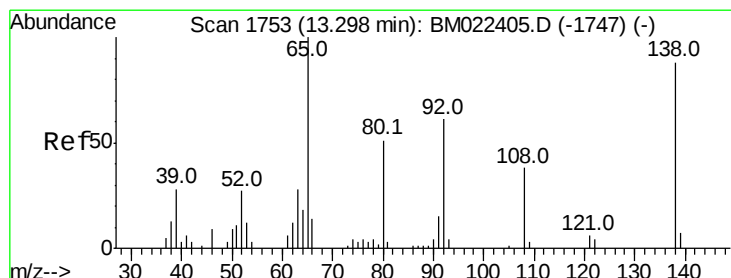
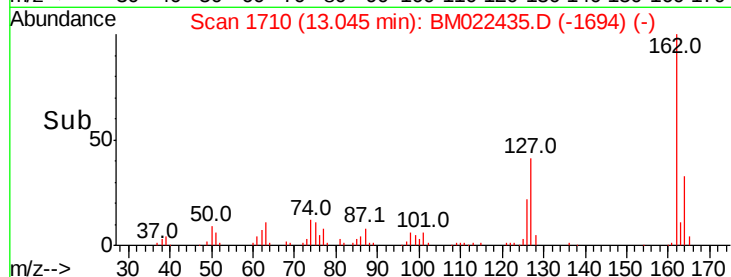
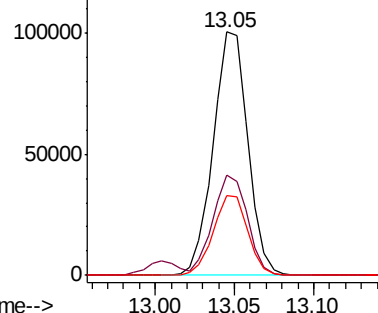
Tot Ion	Ratio	Resp	Lower	Upper
162	100	152169		
127	41.3	32.6	49.0	
164	32.6	26.2	39.4	

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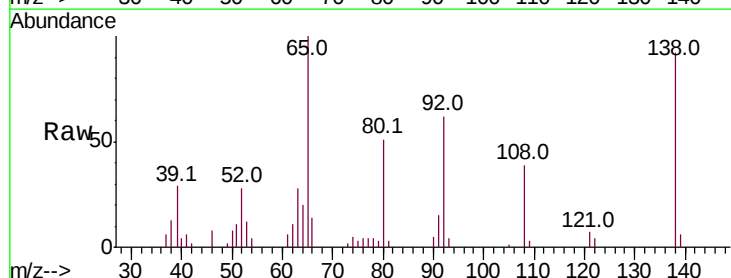


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

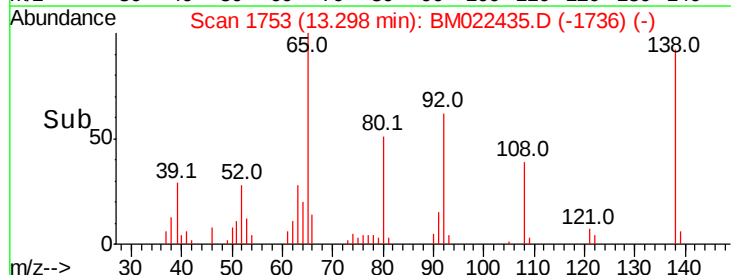
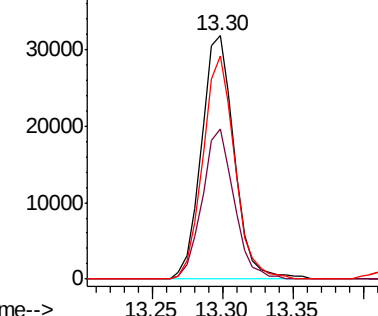


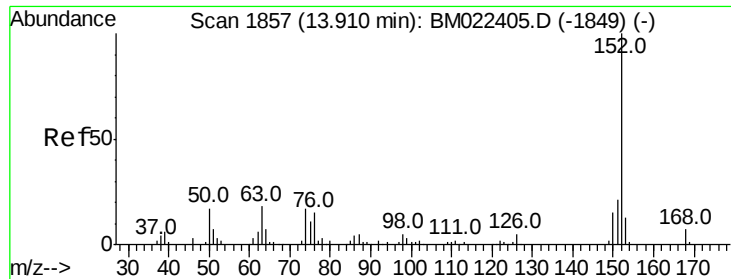
#48
2-Nitroaniline
Concen: 39.611 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	51549		
92	61.7	49.1	73.7	
138	91.9	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: 40.172 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

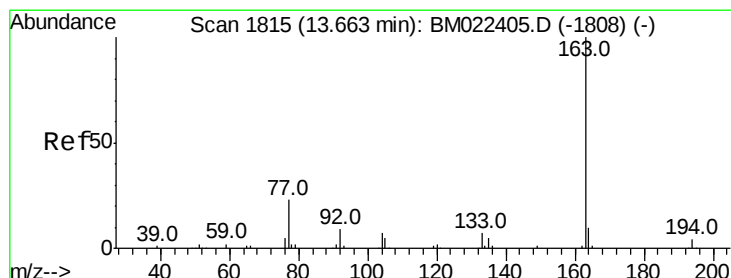
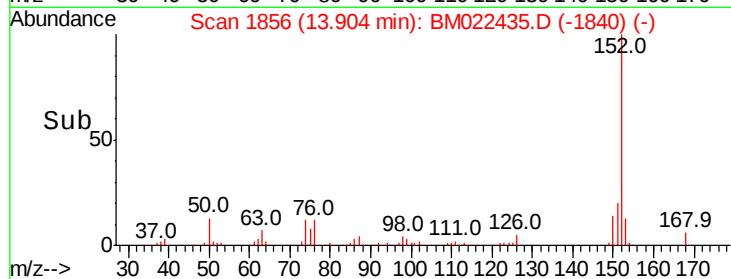
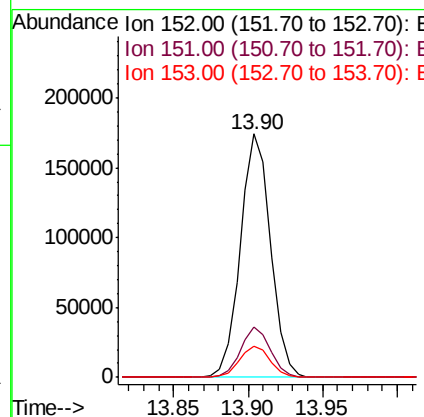
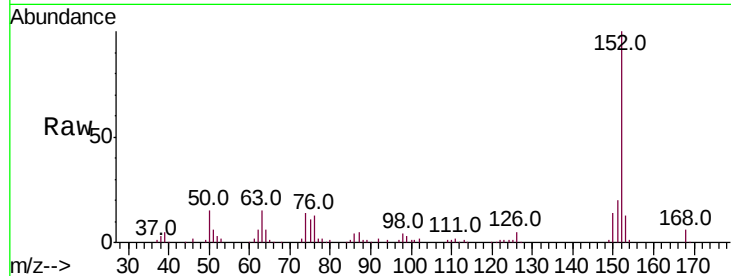
ClientSampleId :

PB122653BS

Tot Ion:	152	Resp:	244987
Ion Ratio		Lower	Upper
152	100		
151	20.5	16.9	25.3
153	12.9	10.4	15.6

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#50

Dimethylphthalate

Concen: 39.319 ng

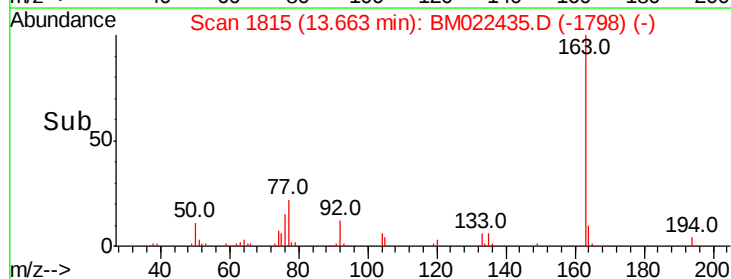
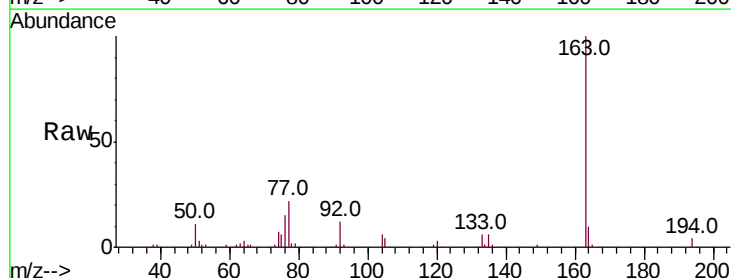
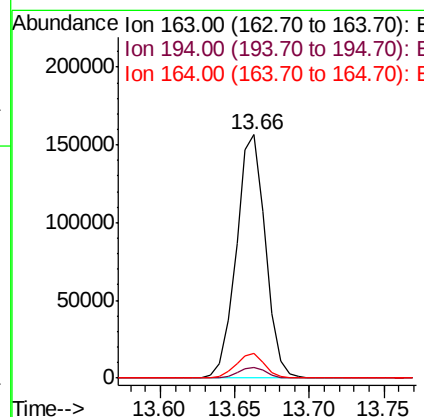
RT: 13.66 min Scan# 1815

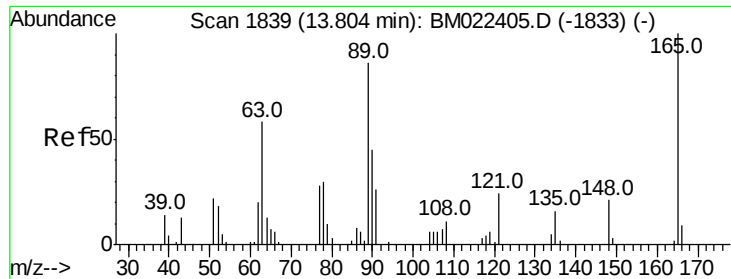
Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	163	Resp:	212987
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 41.098 ng

RT: 13.80 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

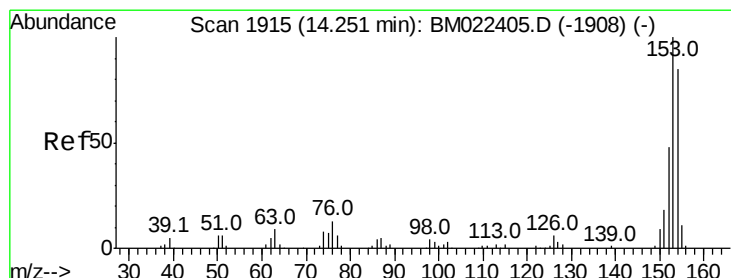
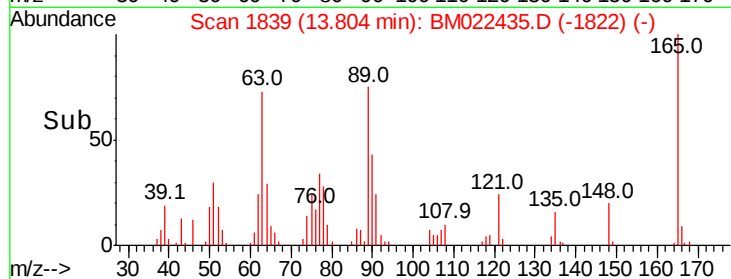
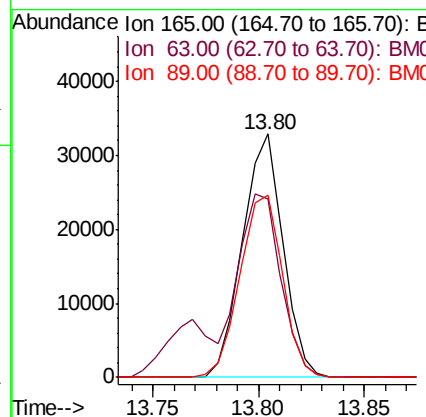
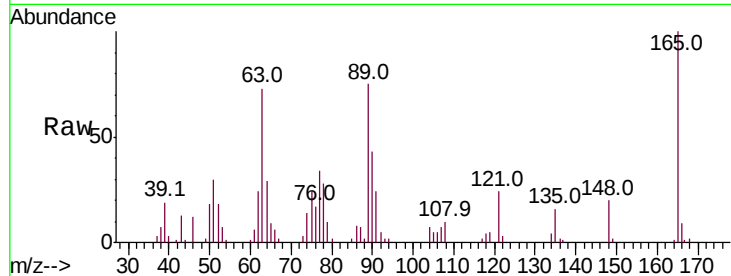
ClientSampleId :

PB122653BS

Tot Ion:	165	Resp:	43731
Ion Ratio	Lower	Upper	
165	100		
63	73.4	65.4	98.2
89	75.0	69.0	103.6

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#52

Acenaphthene

Concen: 38.021 ng

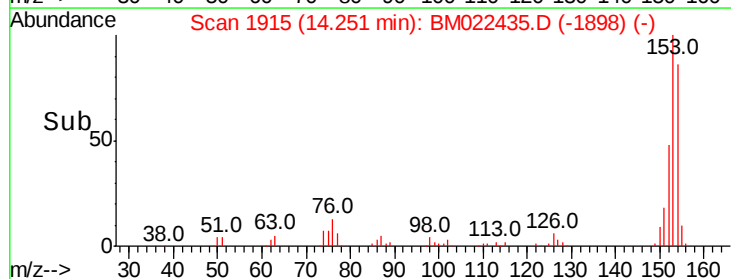
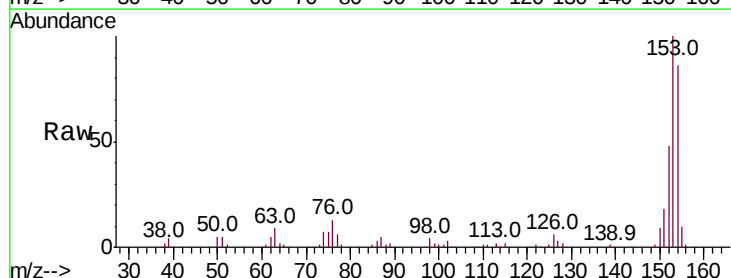
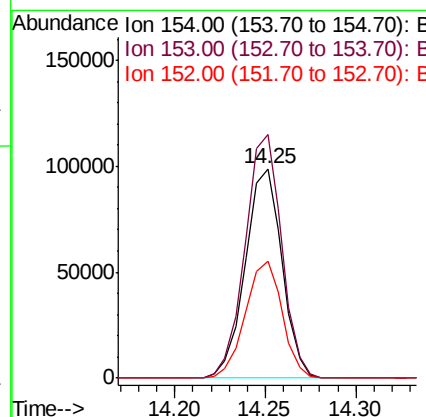
RT: 14.25 min Scan# 1915

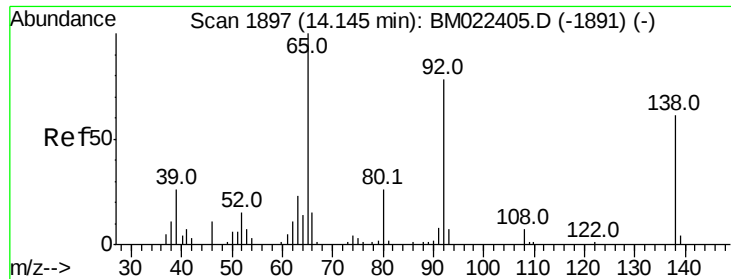
Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	154	Resp:	139061
Ion Ratio	Lower	Upper	
154	100		
153	116.3	94.3	141.5
152	55.9	45.4	68.2





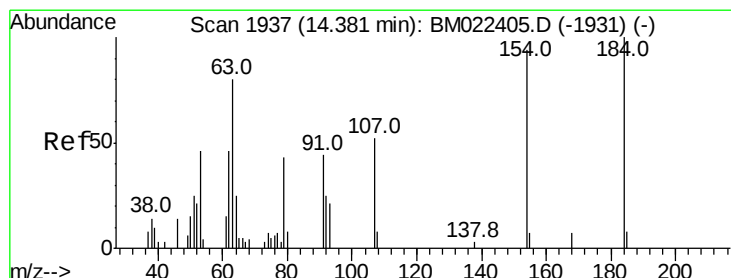
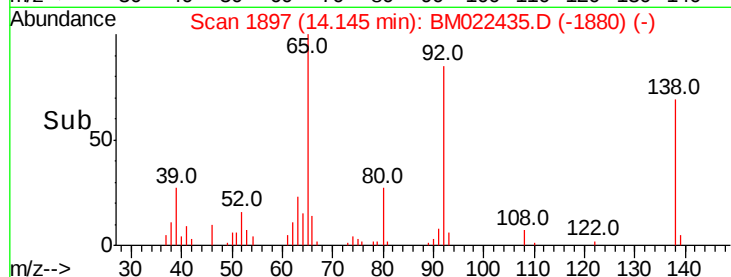
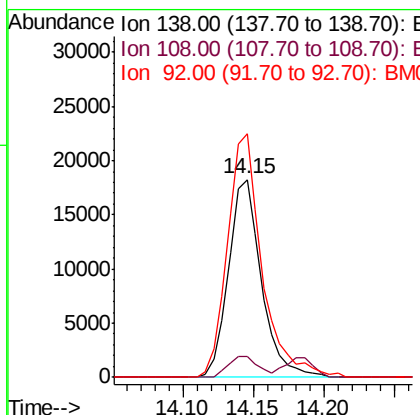
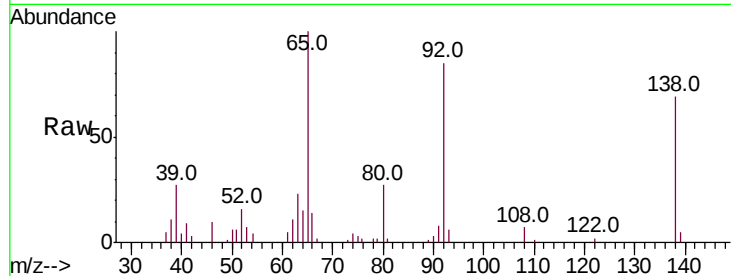
#53
3-Nitroaniline
Concen: 29.017 ng
RT: 14.15 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	122.9	103.3	154.9

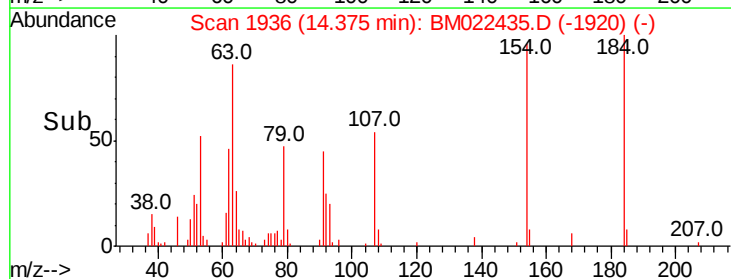
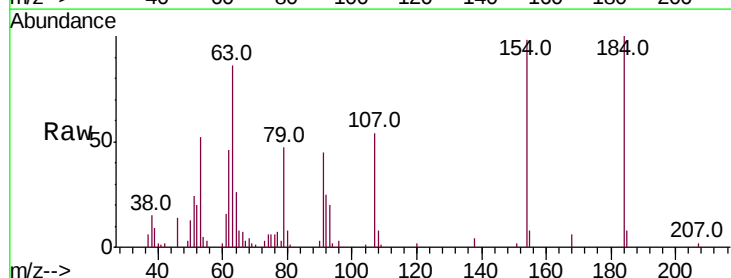
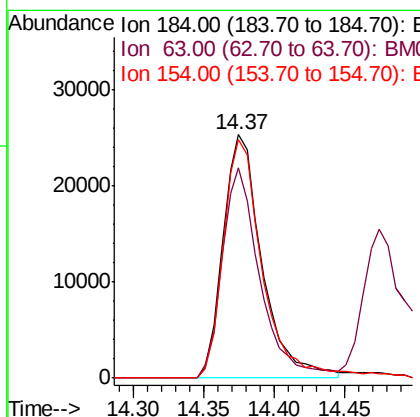
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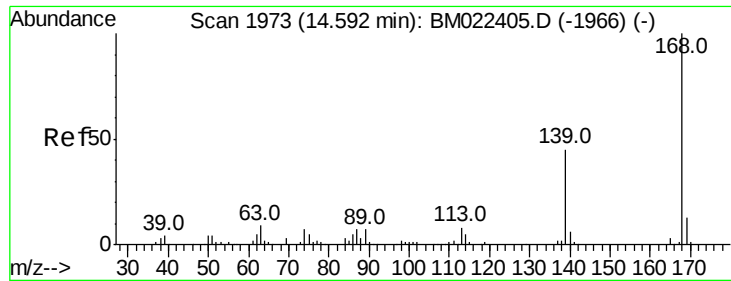
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#54
2,4-Dinitrophenol
Concen: 76.357 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.4	63.8	95.8
154	98.1	75.0	112.6





#55

Dibenzenofuran

Concen: 39.571 ng

RT: 14.59 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

ClientSampleId :

PB122653BS

Tot Ion:168 Resp: 243812

Ion Ratio Lower Upper

168 100

139 45.6 36.1 54.1

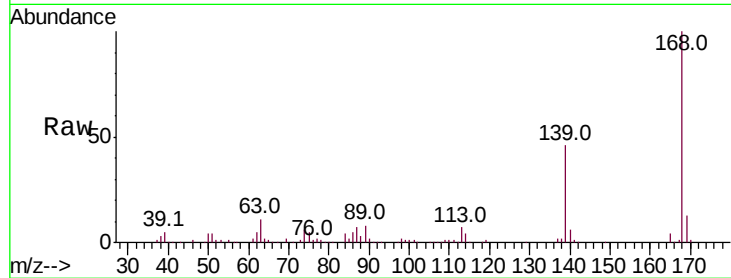
169 12.8 10.4 15.6

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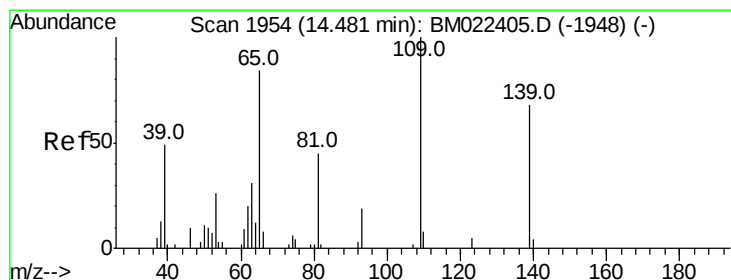
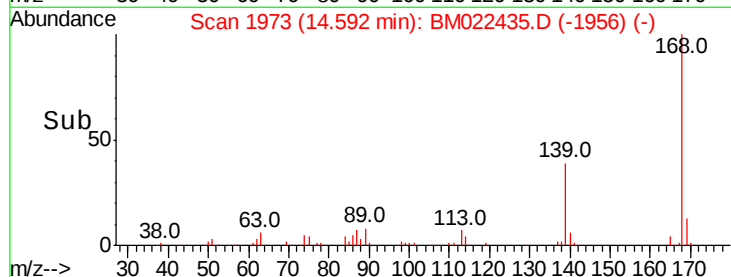
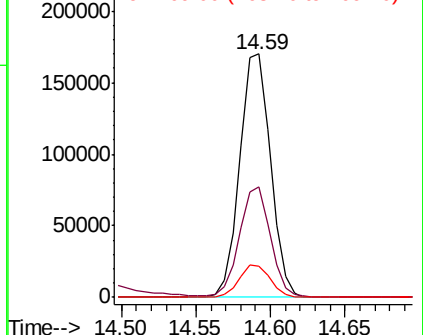
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.301 ng

RT: 14.47 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

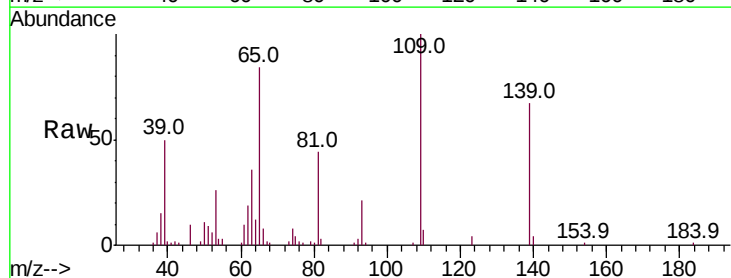
Tgt Ion:139 Resp: 56725

Ion Ratio Lower Upper

139 100

109 148.8 128.0 168.0

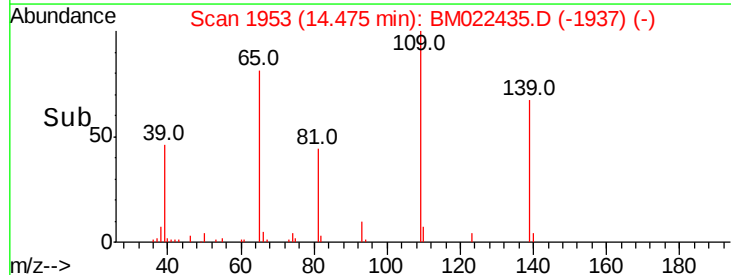
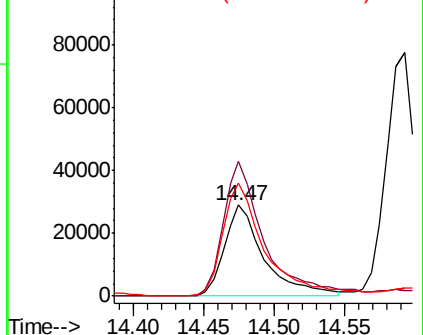
65 124.5 104.3 144.3

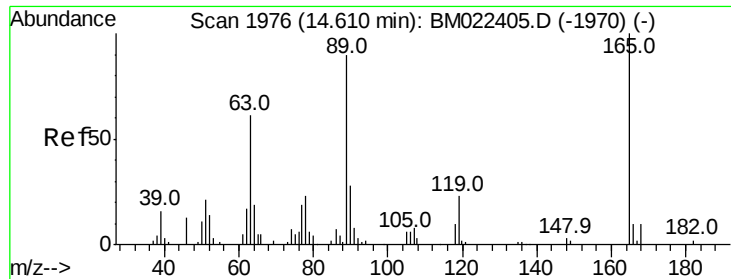


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





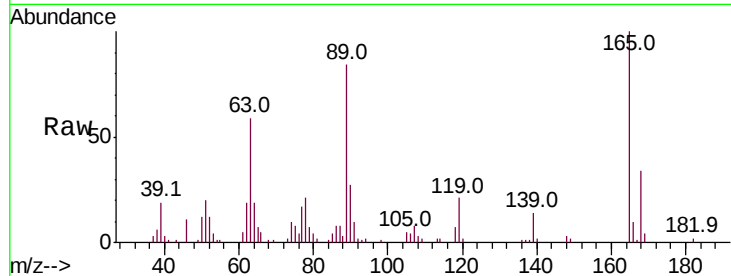
#57
2,4-Dinitrotoluene
Concen: 40.514 ng
RT: 14.61 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

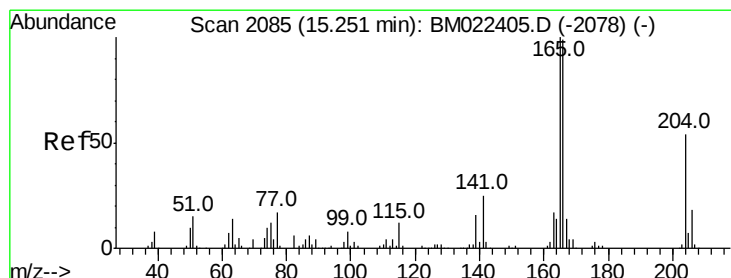
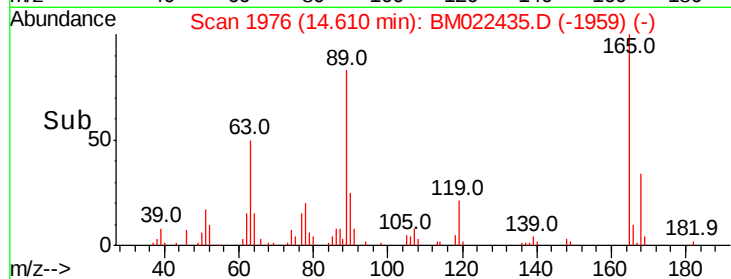
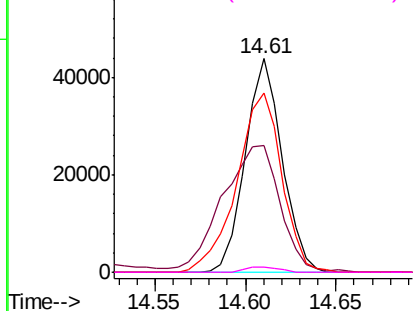
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.3	54.6	82.0
89	84.2	74.5	111.7
182	2.4	1.7	2.5

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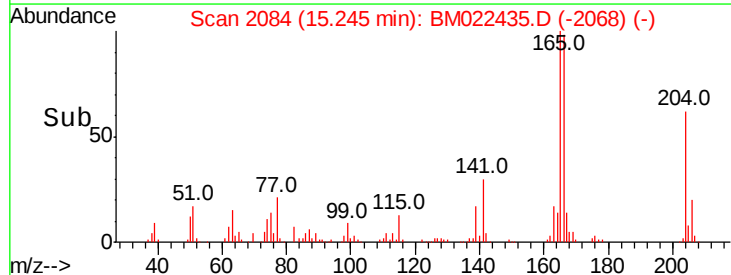
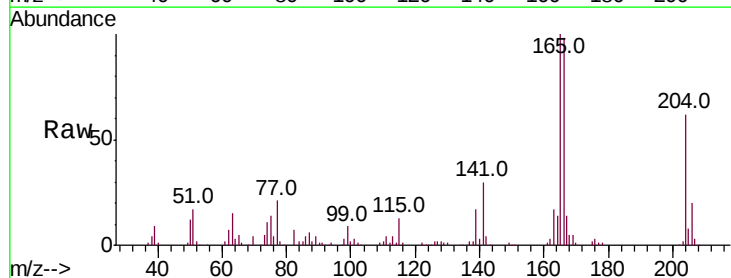
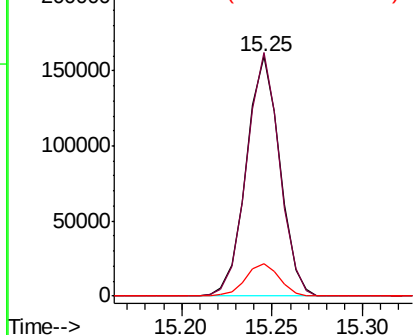
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

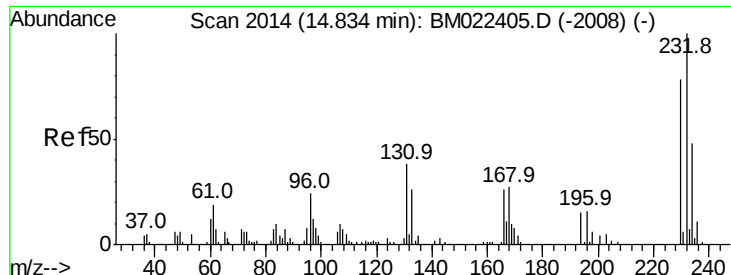


#58
Fluorene
Concen: 37.282 ng
RT: 15.25 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	81.1	121.7
167	13.8	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





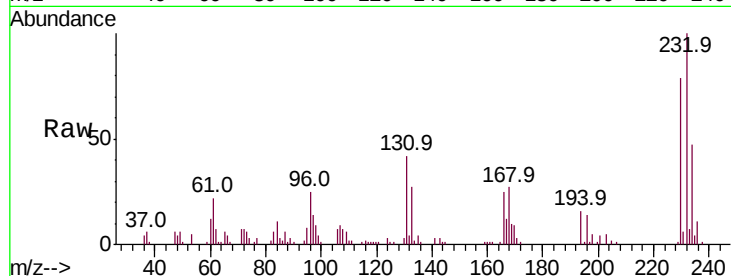
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.027 ng
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

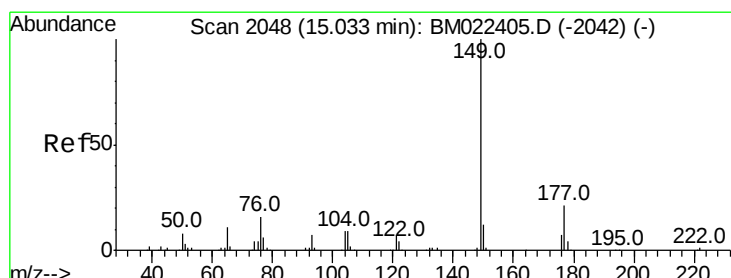
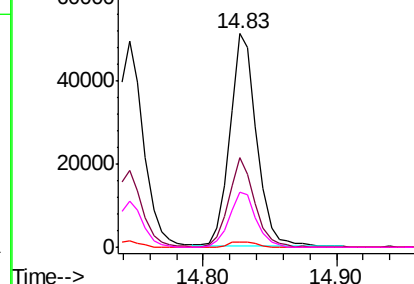
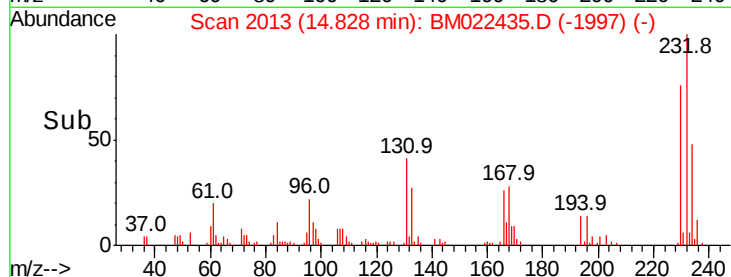
Tot Ion	Ratio	Resp	Lower	Upper
232	100	71362		
131	40.9		32.0	48.0
130	2.6		2.4	3.6
166	26.2		20.2	30.2

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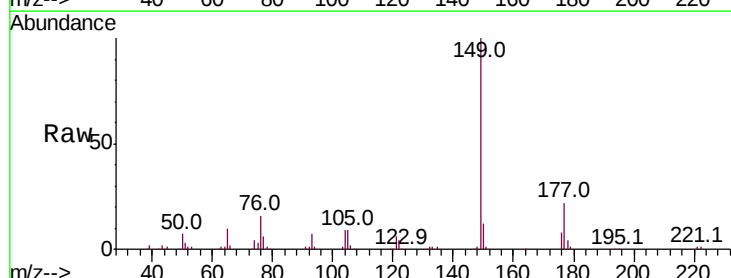


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

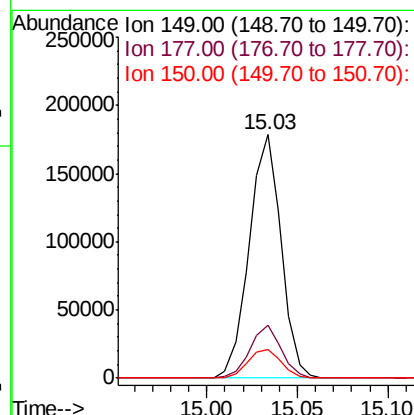
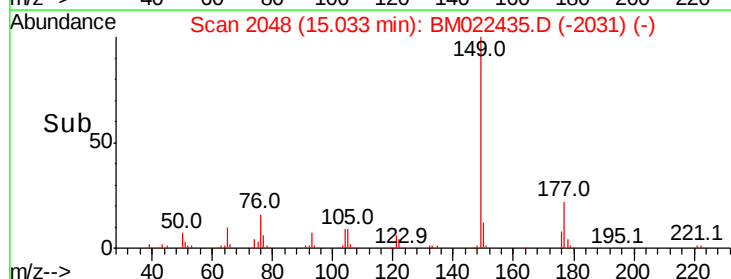


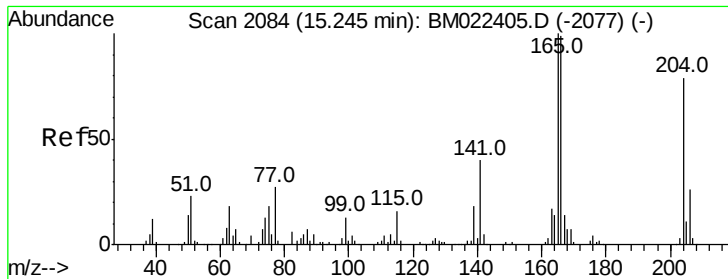
#60
 Diethylphthalate
 Concen: 38.512 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	217902		
177	21.9		16.6	25.0
150	11.7		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





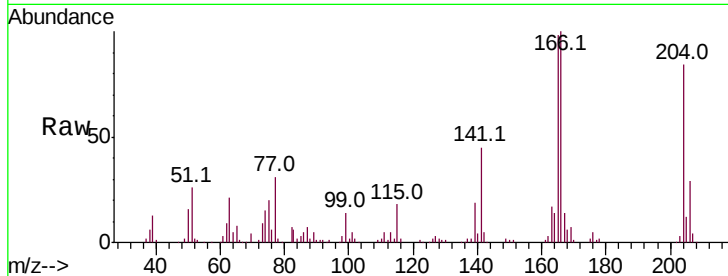
#61
4-Chlorophenyl-phenylether
Concen: 35.898 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampled :
PB122653BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.4
141	53.8	40.6	60.8

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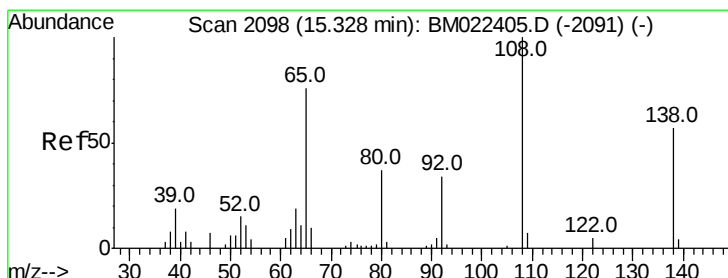
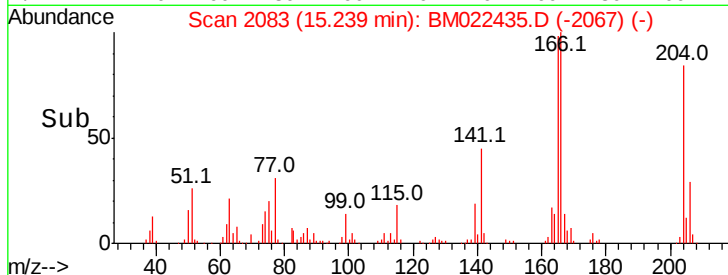
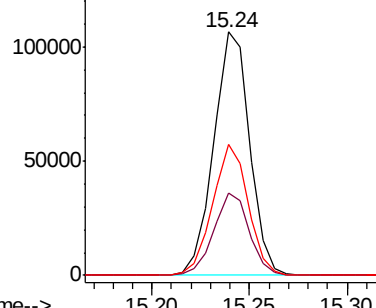


Abundance

Ion 204.00 (203.70 to 204.70): E

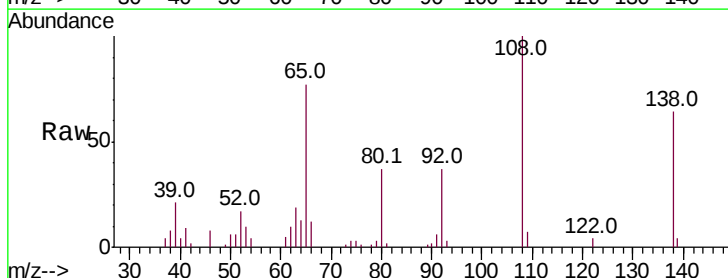
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.109 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	40.5	80.5
108	156.4	156.8	196.8#

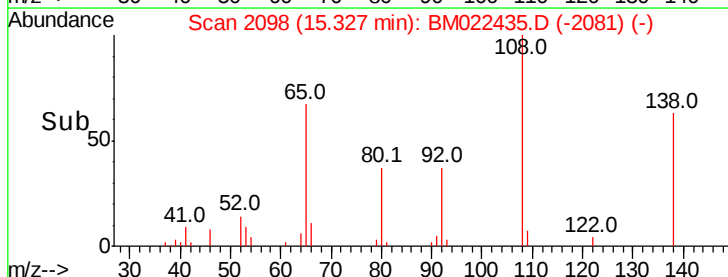
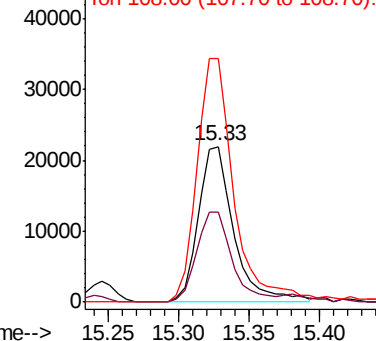


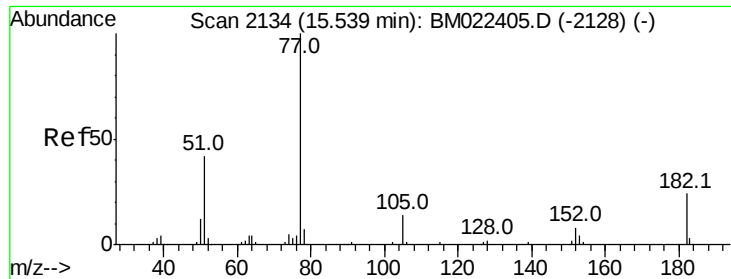
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





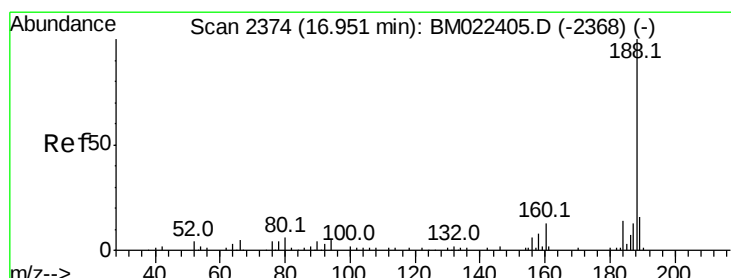
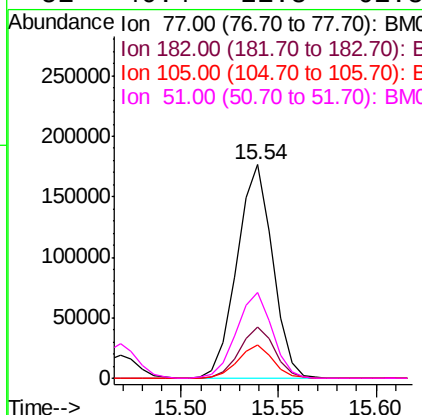
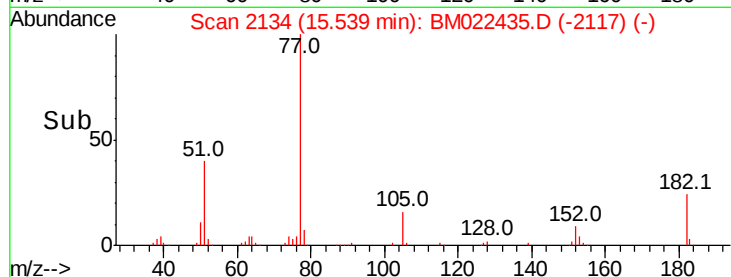
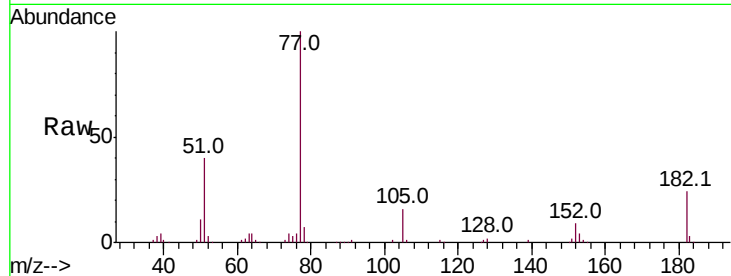
#63
Azobenzene
Concen: 39.640 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.2	3.5	43.5	
105	15.7	0.0	34.2	
51	40.4	21.8	61.8	

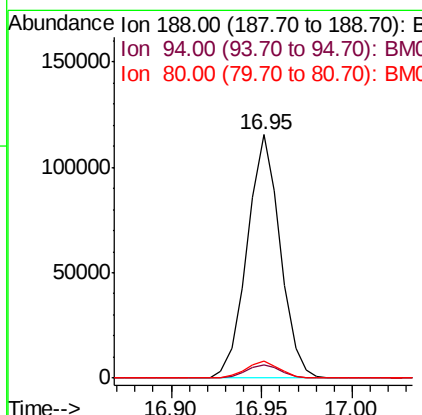
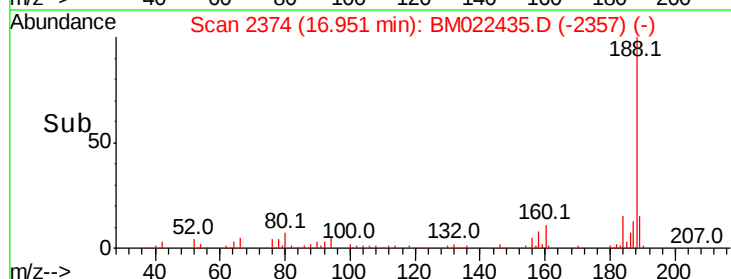
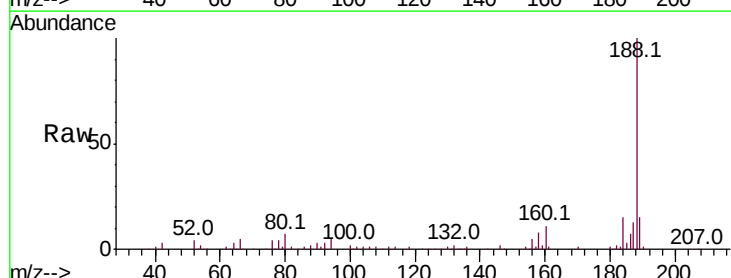
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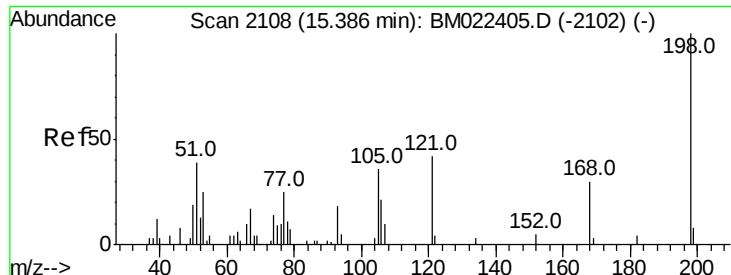
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.3	4.4	6.6	
80	6.8	5.0	7.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 44.397 ng

RT: 15.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

ClientSampleId :

PB122653BS

Tot Ion:198 Resp: 38654

Ion Ratio Lower Upper

198 100

51 46.8 21.0 61.0

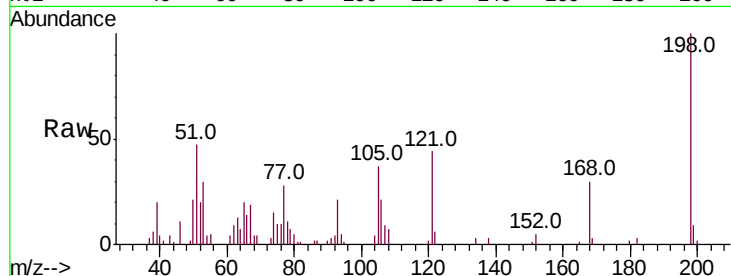
105 36.8 16.1 56.1

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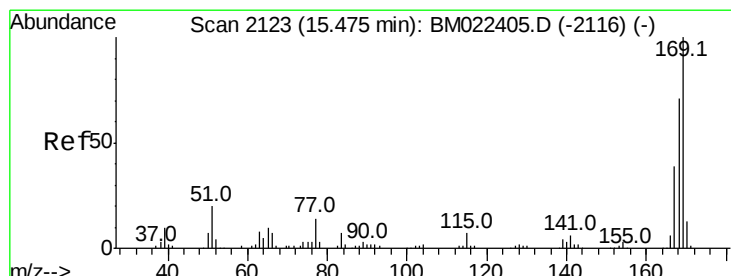
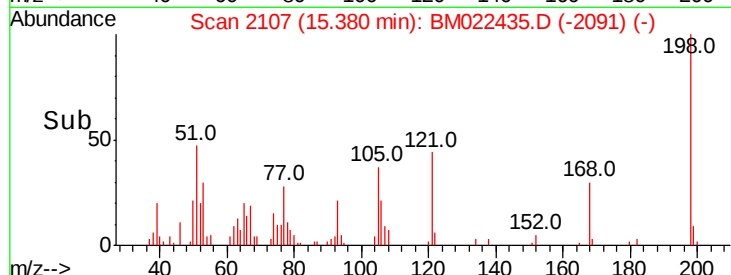
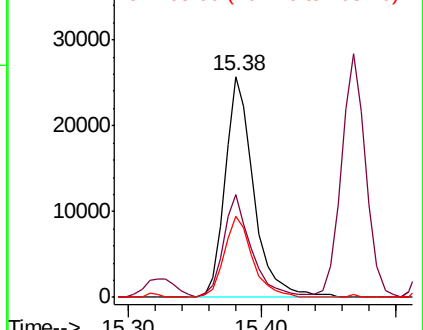
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.155 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

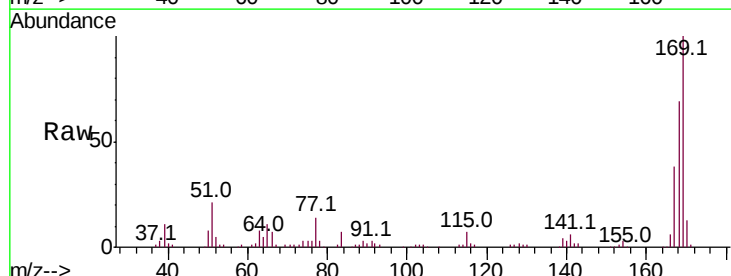
Tgt Ion:169 Resp: 172479

Ion Ratio Lower Upper

169 100

168 68.7 56.7 85.1

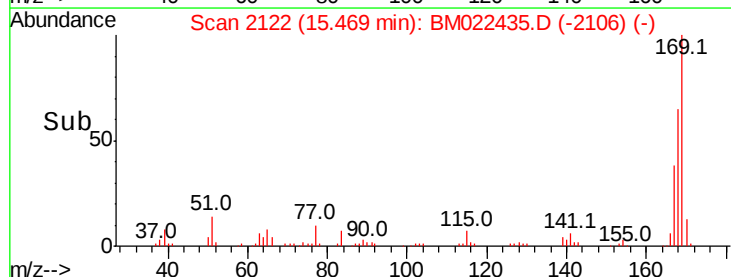
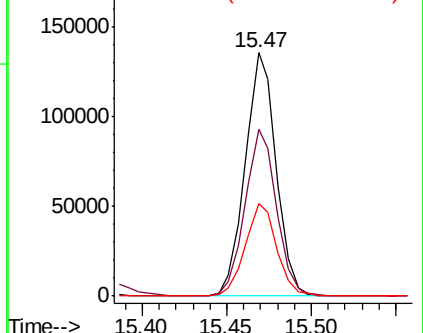
167 38.0 30.8 46.2

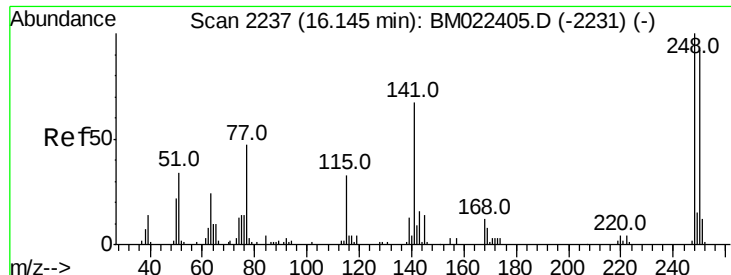


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





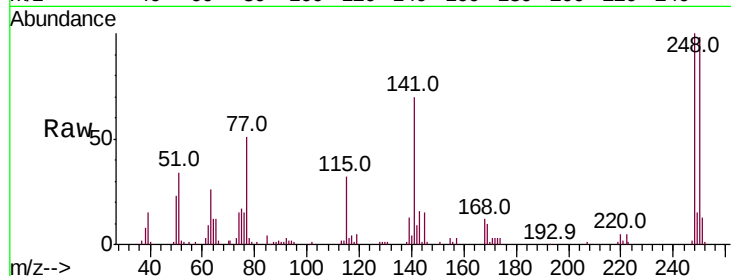
#67
 4-Bromophenyl-phenylether
 Concen: 36.641 ng
 RT: 16.14 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	73.6	110.4
141	69.7	53.3	79.9

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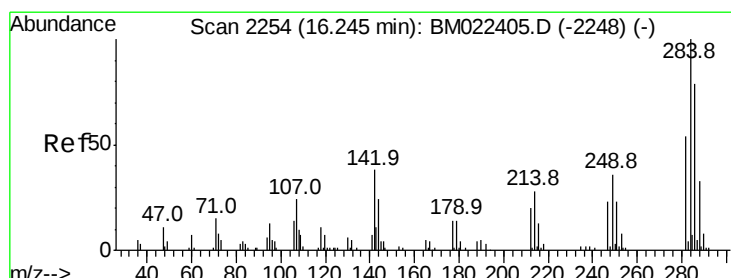
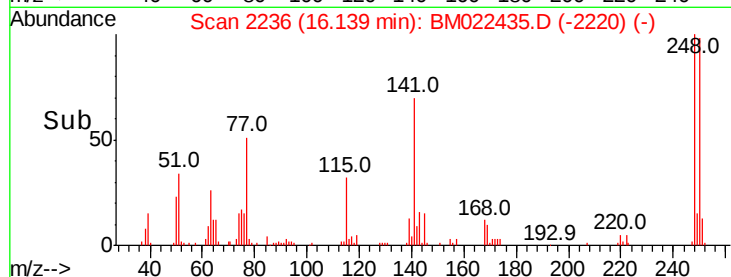
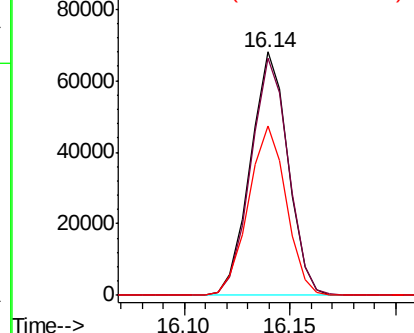


Abundance

Ion 248.00 (247.70 to 248.70): E

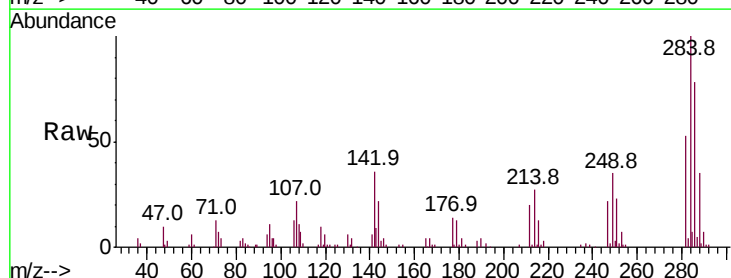
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 35.548 ng
 RT: 16.25 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	30.2	45.4
249	35.2	28.8	43.2

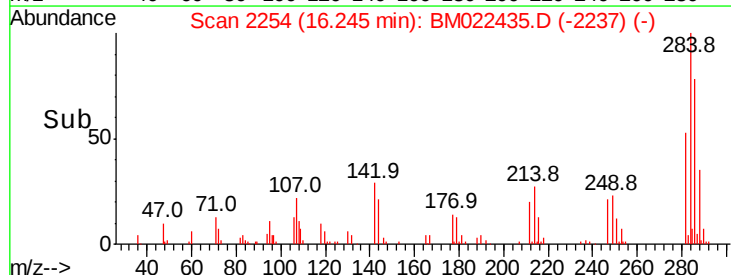
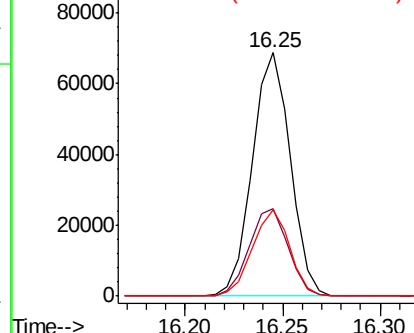


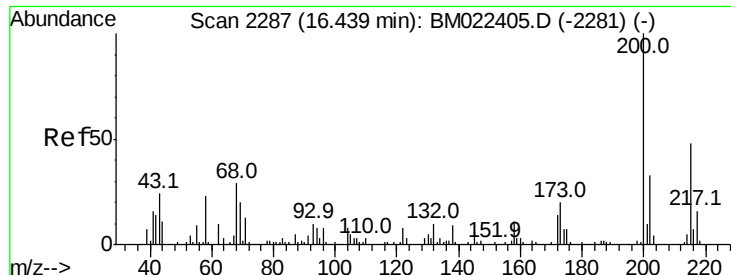
Abundance

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





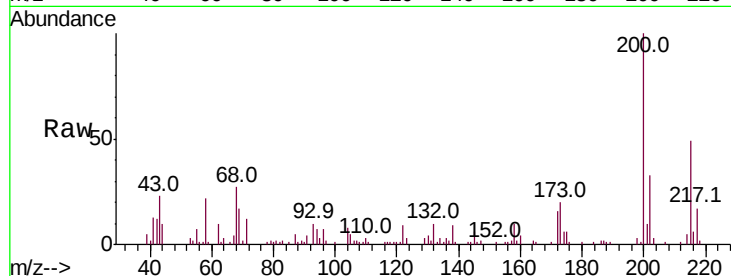
#69
 Atrazine
 Concen: 38.665 ng
 RT: 16.44 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

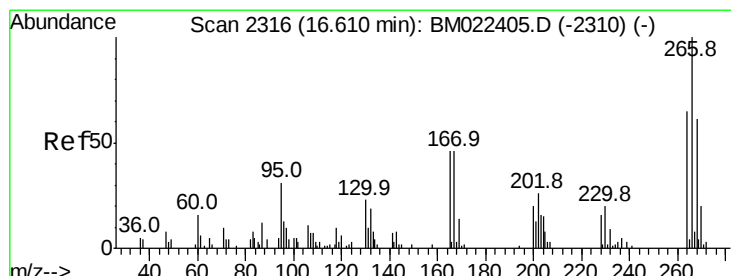
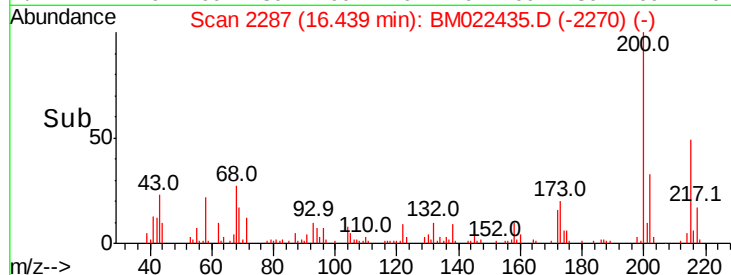
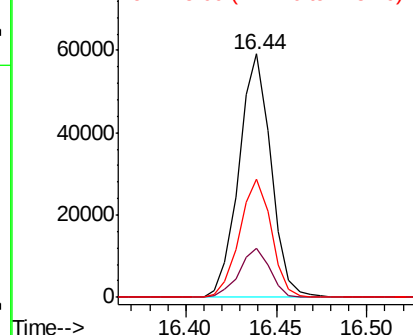
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	20.1	0.0	39.9
215	48.8	27.8	67.8

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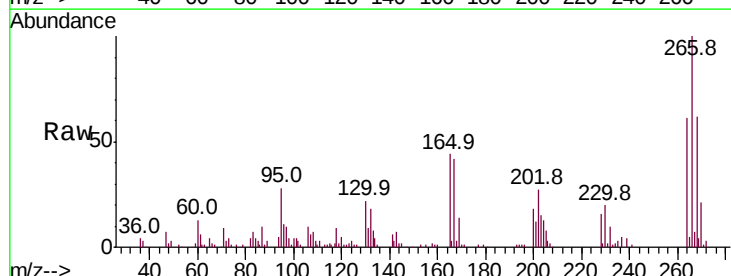


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

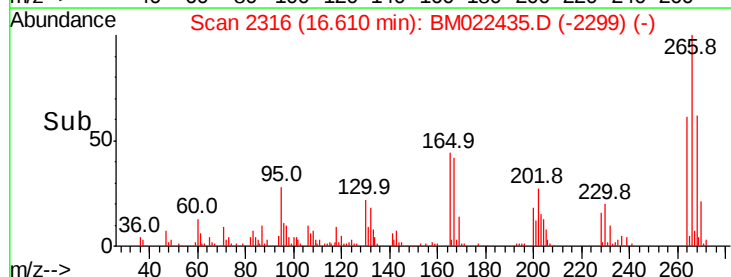
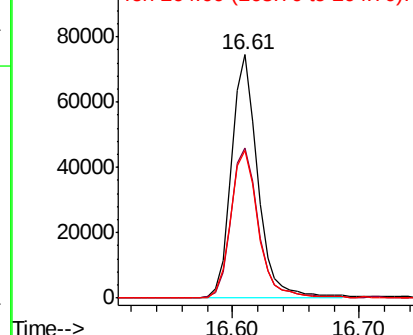


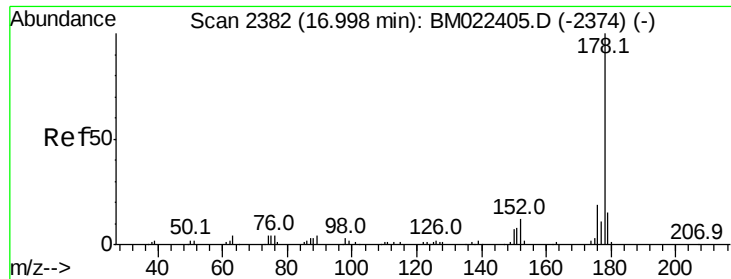
#70
 Pentachlorophenol
 Concen: 92.025 ng
 RT: 16.61 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.9	48.4	72.6
264	60.7	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





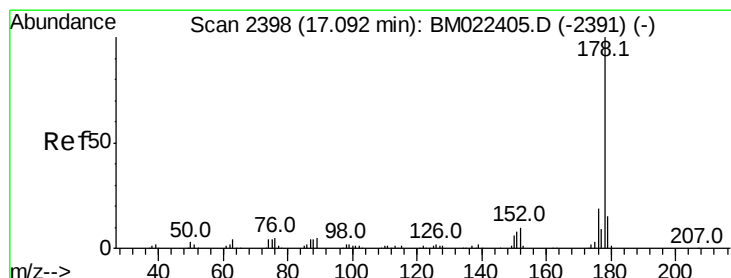
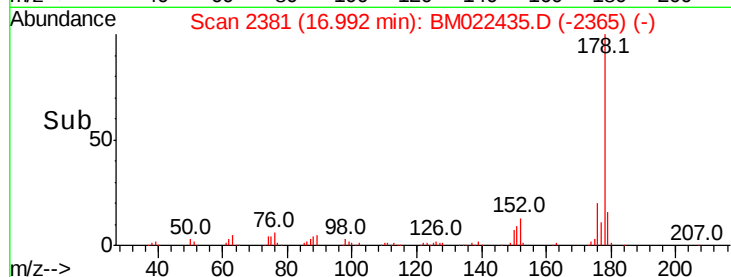
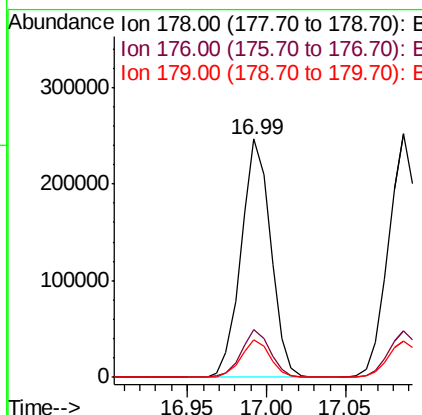
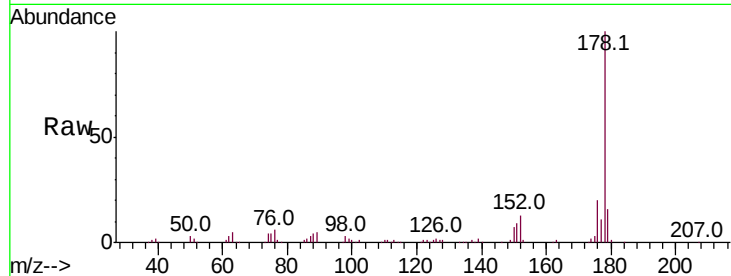
#71
Phenanthrene
Concen: 37.640 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	15.6	12.3	18.5

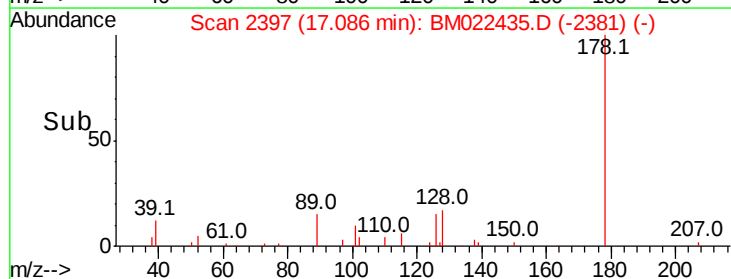
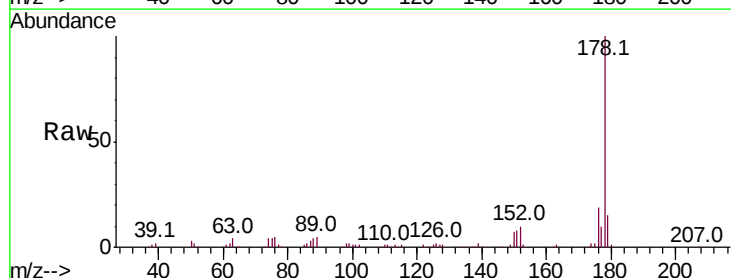
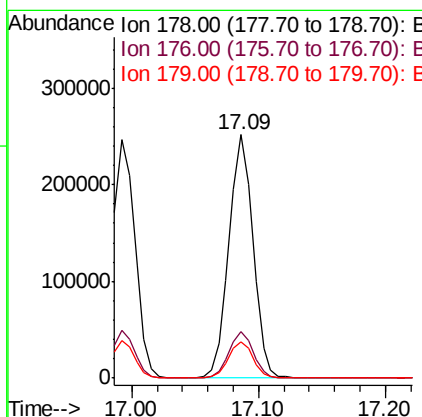
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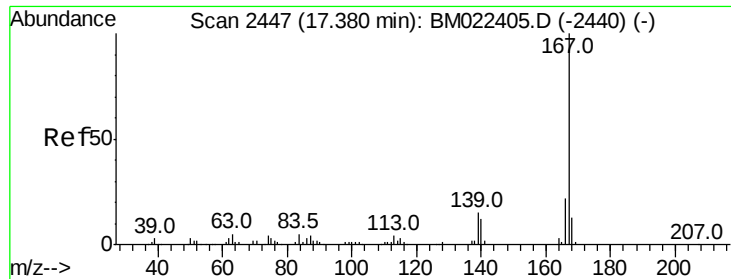
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#72
Anthracene
Concen: 39.707 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.1	11.8	17.6





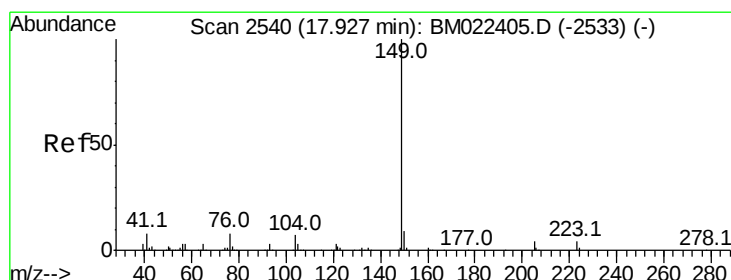
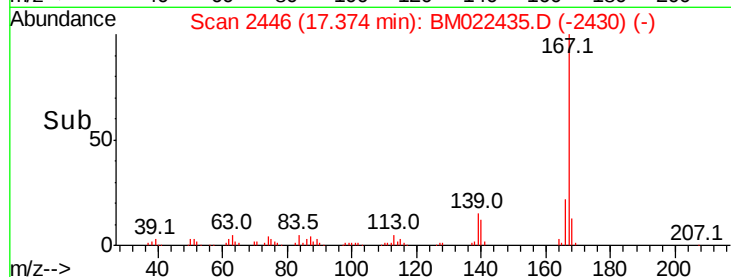
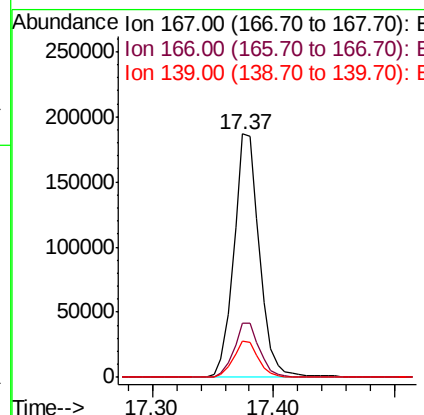
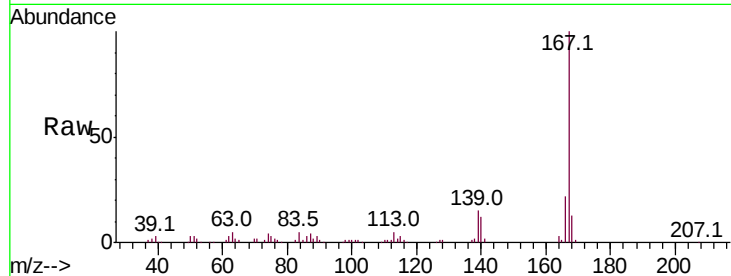
#73
 Carbazole
 Concen: 39.834 ng
 RT: 17.37 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	275516		
166	22.1		17.8	26.6
139	14.8		11.6	17.4

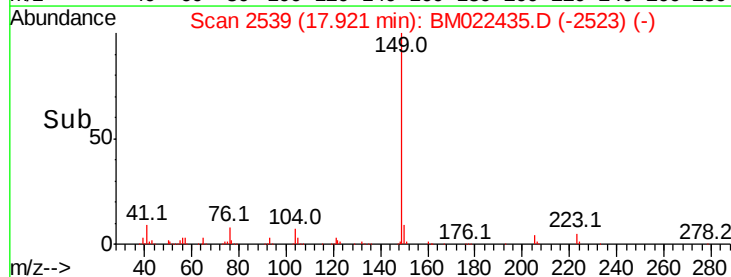
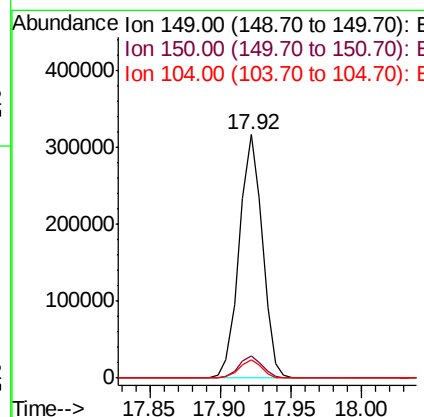
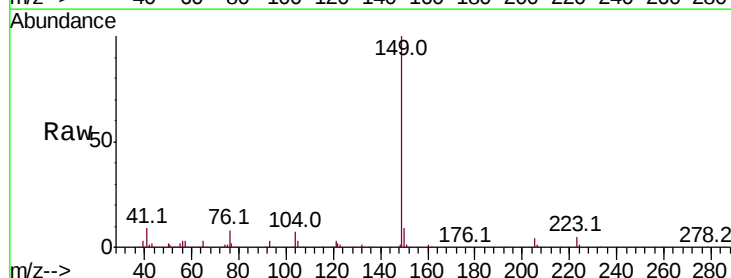
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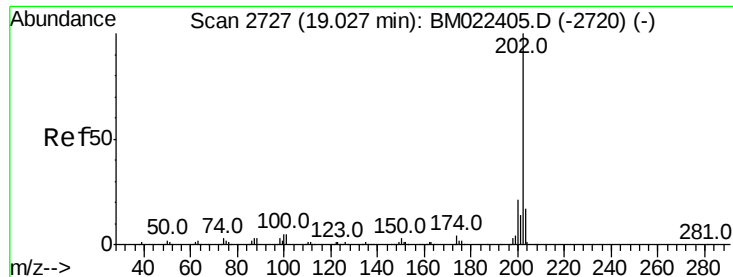
mohammad
 8/31/2019 2:43:48 PM



#74
 Di-n-butylphthalate
 Concen: 38.551 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	361564		
150	9.3		7.4	11.0
104	7.5		5.6	8.4





#75

Fluoranthene

Concen: 39.952 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

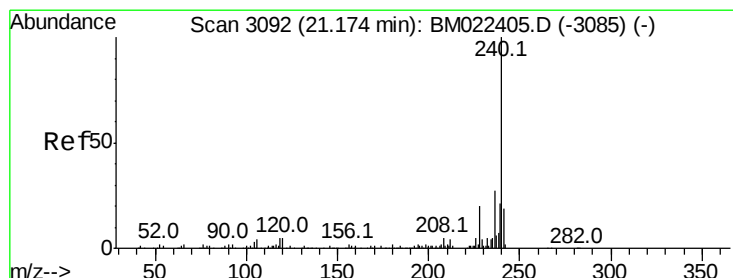
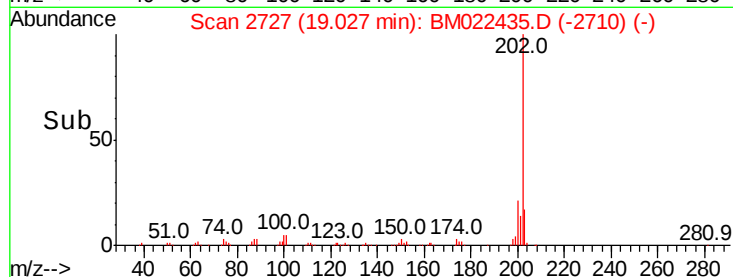
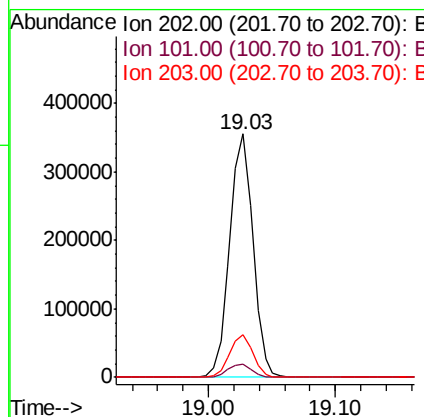
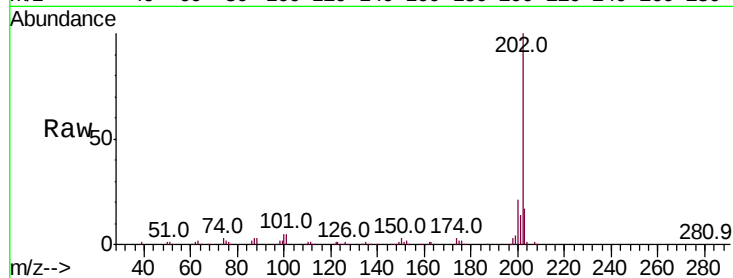
ClientSampleId :

PB122653BS

Tot Ion:	202	Resp:	452488
Ion Ratio	Lower	Upper	
202	100		
101	5.2	0.0	25.1
203	17.4	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

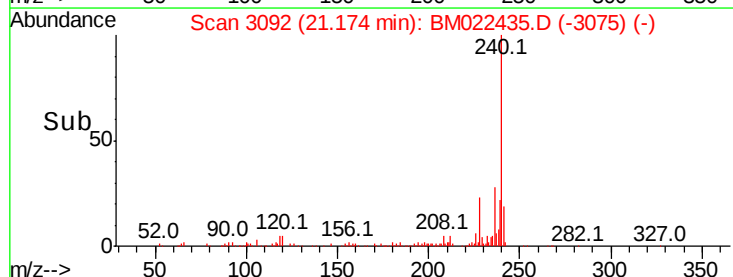
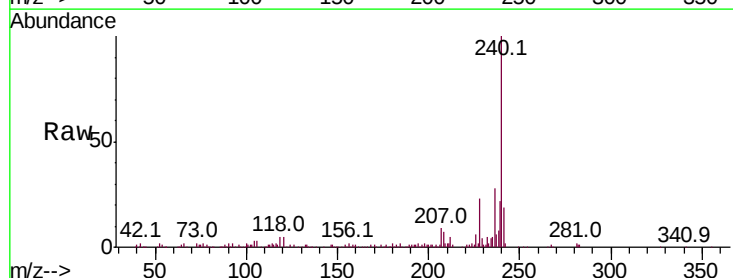
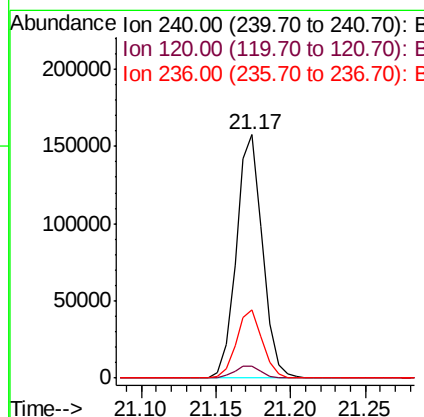
RT: 21.17 min Scan# 3092

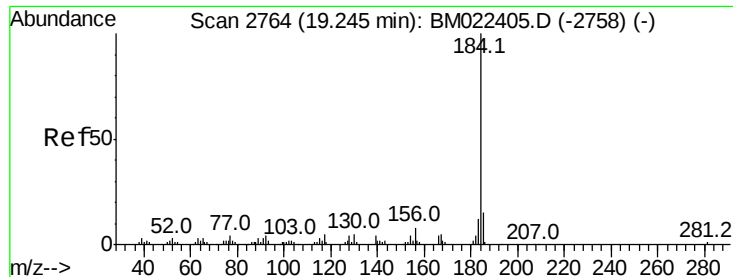
Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	240	Resp:	192581
Ion Ratio	Lower	Upper	
240	100		
120	4.9	3.9	5.9
236	27.9	21.4	32.2





#77

Benzidine

Concen: 49.338 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

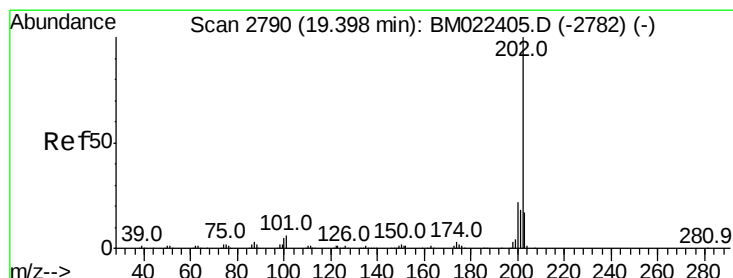
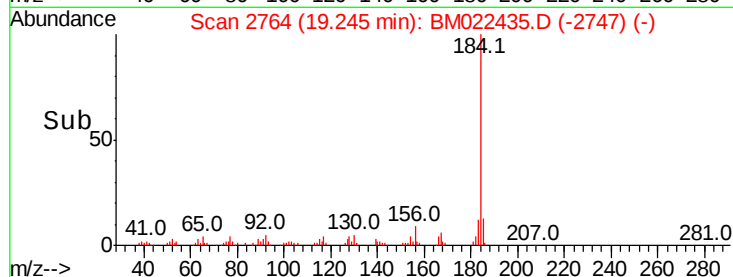
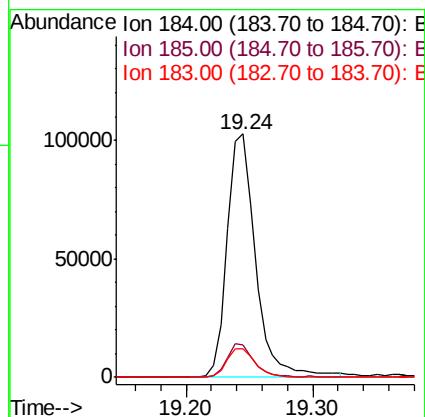
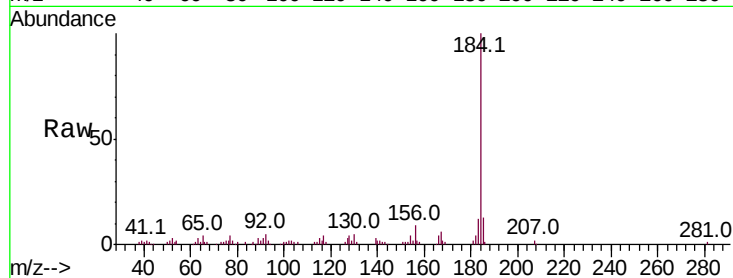
ClientSampled :

PB122653BS

Tot Ion:	184	Resp:	159994
Ion Ratio	Lower	Upper	
184	100		
185	13.1	11.8	17.6
183	11.9	9.4	14.2

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#78

Pyrene

Concen: 35.707 ng

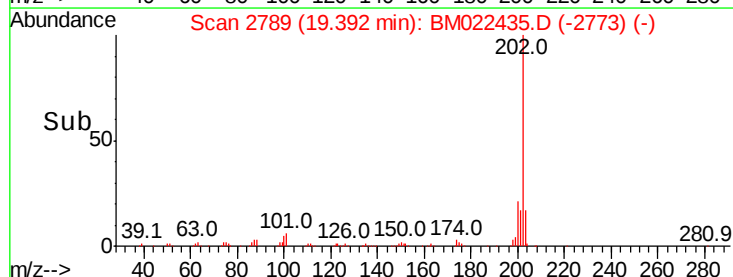
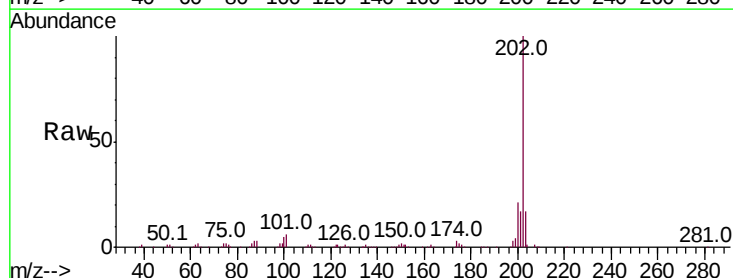
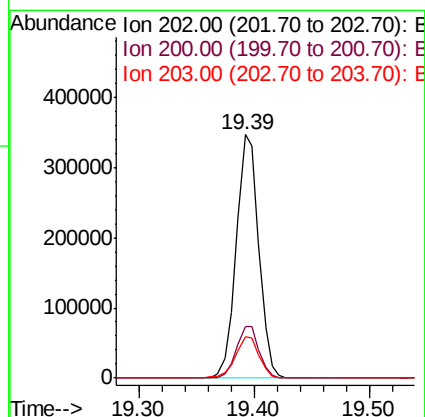
RT: 19.39 min Scan# 2789

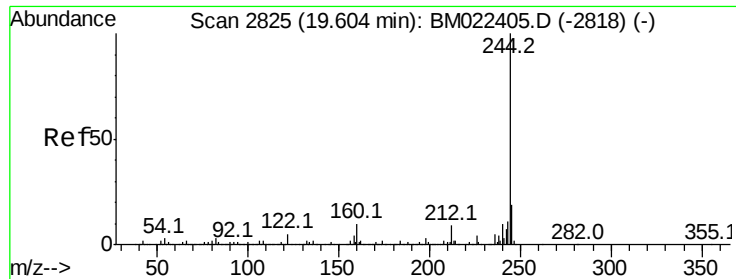
Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	202	Resp:	468629
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.7	26.5
203	17.1	13.8	20.8





#79

Terphenyl-d14

Concen: 48.903 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

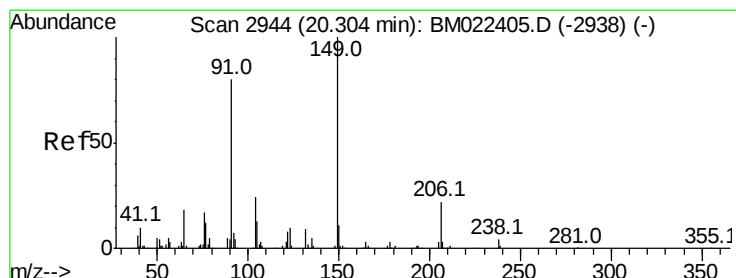
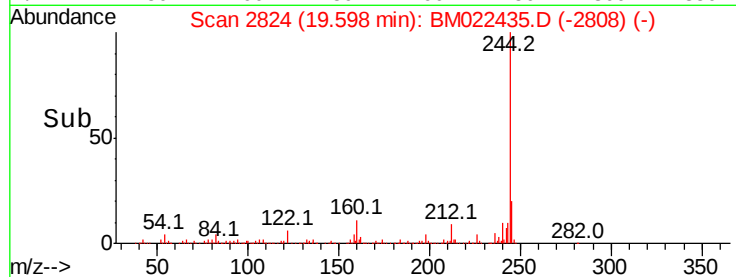
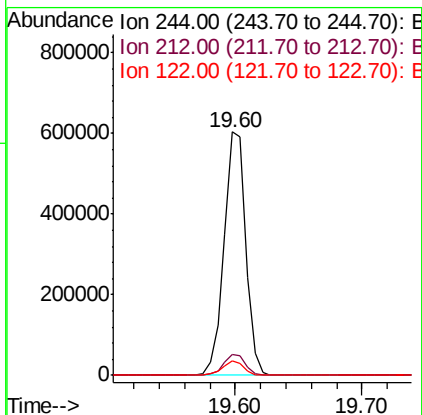
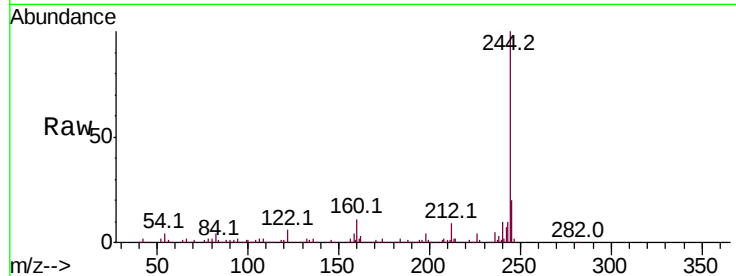
ClientSampleId :

PB122653BS

Tot Ion:	244	Resp:	713608
Ion Ratio	Lower	Upper	
244	100		
212	8.5	7.0	10.4
122	5.8	3.9	5.9

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#80

Butylbenzylphthalate

Concen: 38.927 ng

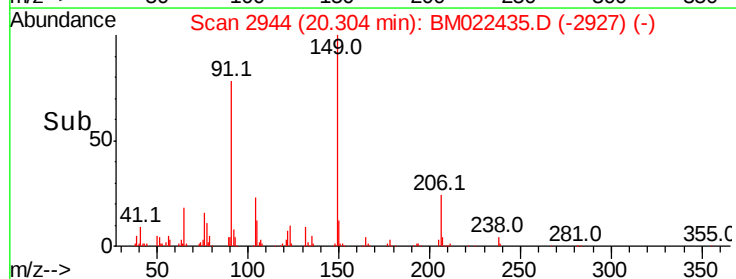
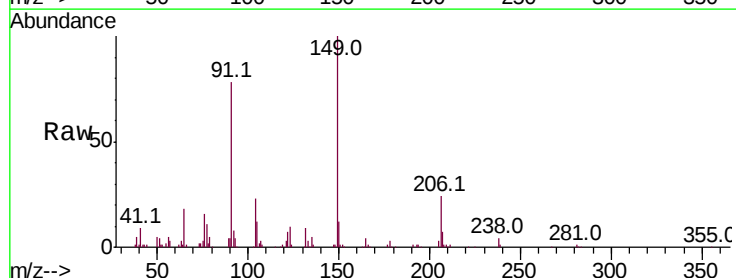
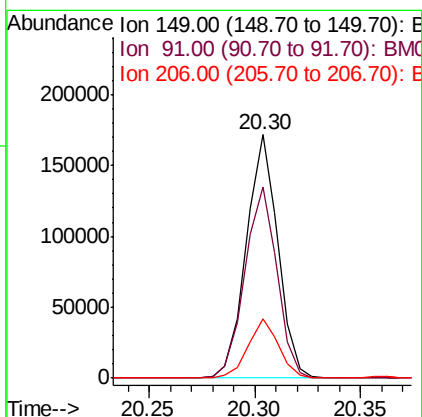
RT: 20.30 min Scan# 2944

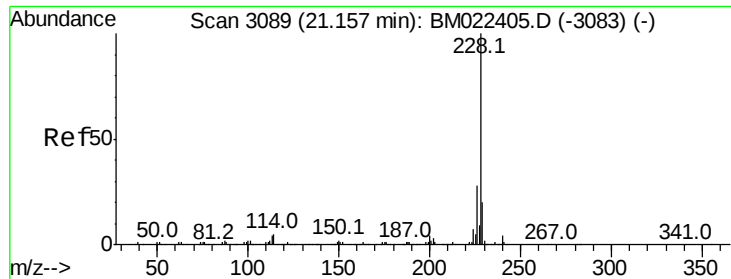
Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	149	Resp:	178295
Ion Ratio	Lower	Upper	
149	100		
91	78.5	64.0	96.0
206	24.4	17.6	26.4





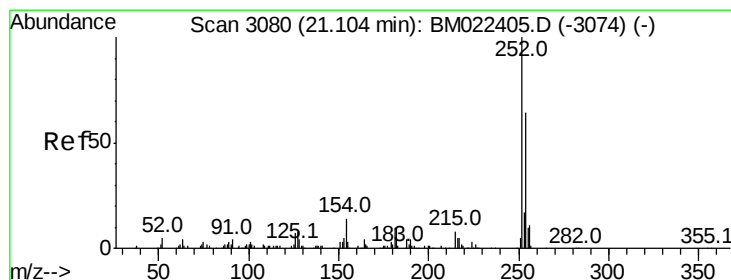
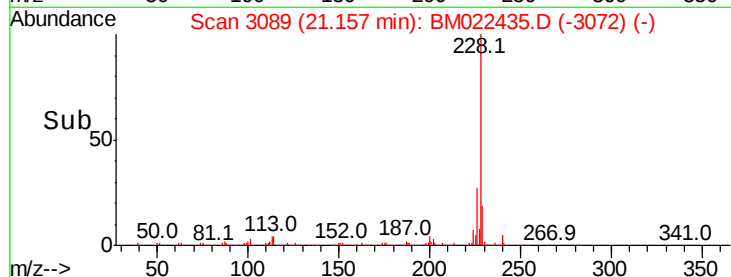
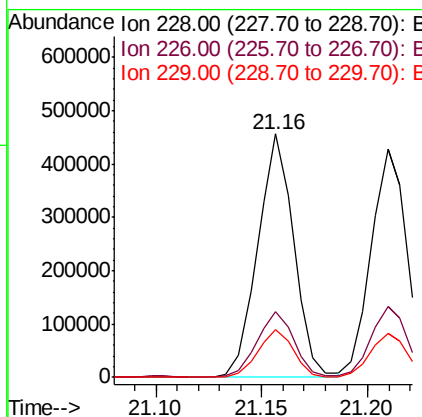
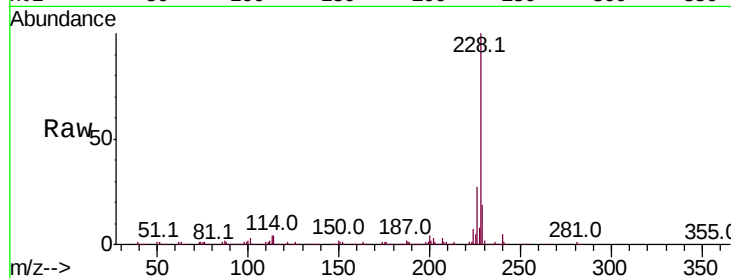
#81
Benzo(a)anthracene
Concen: 39.040 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	34.0
229	19.4	15.9	23.9

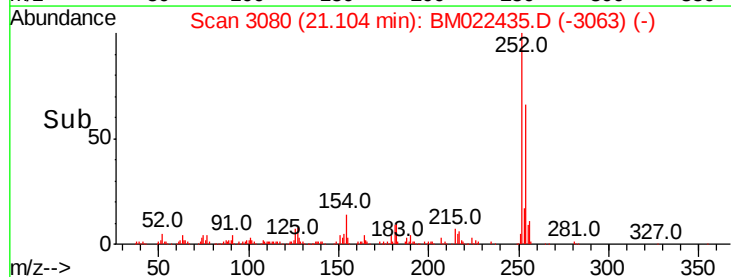
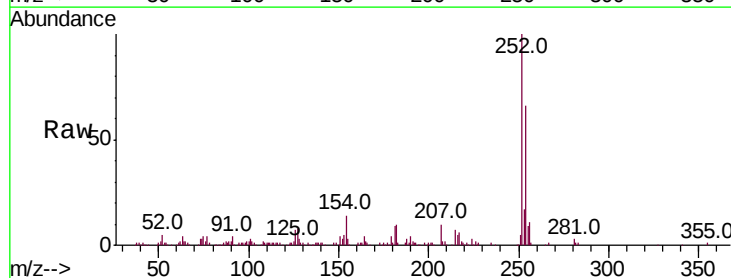
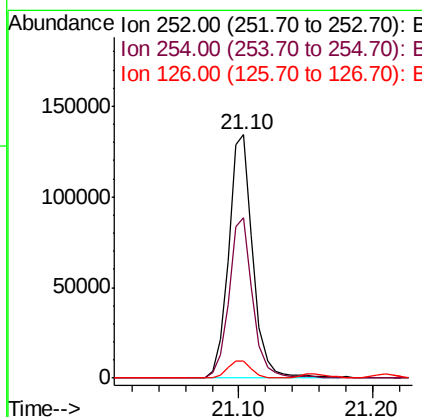
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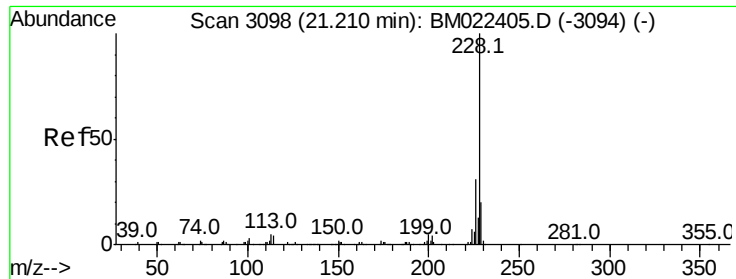
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.770 ng
RT: 21.10 min Scan# 3080
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.0	76.4
126	6.9	5.8	8.8





#83

Chrysene

Concen: 38.853 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

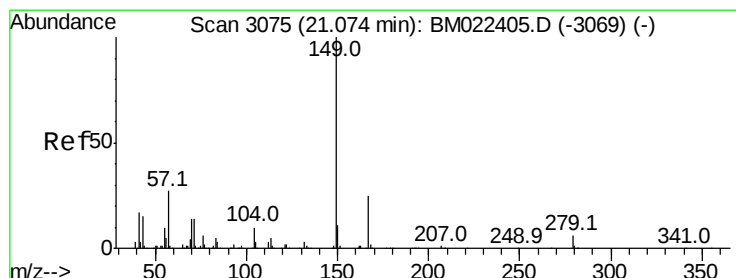
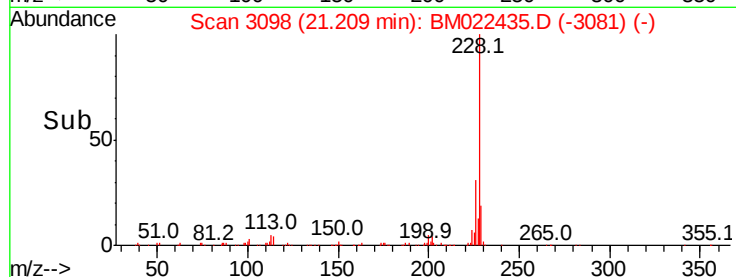
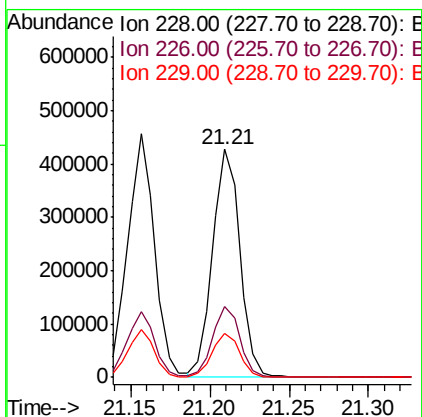
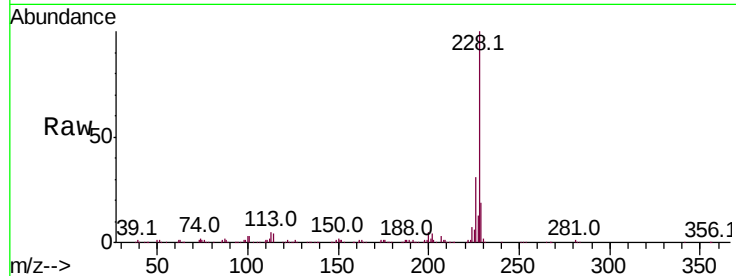
ClientSampleId :

PB122653BS

Tot Ion:	228	Resp:	511186
Ion Ratio		Lower	Upper
228	100		
226	31.0	24.5	36.7
229	19.3	15.7	23.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.735 ng

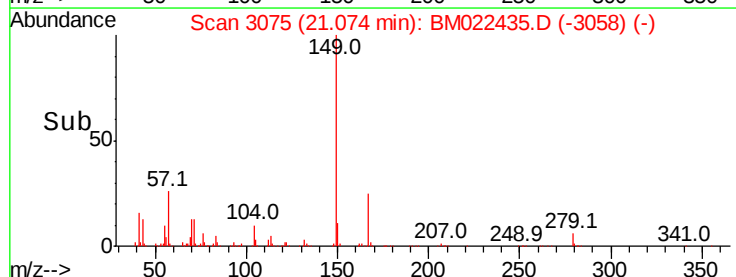
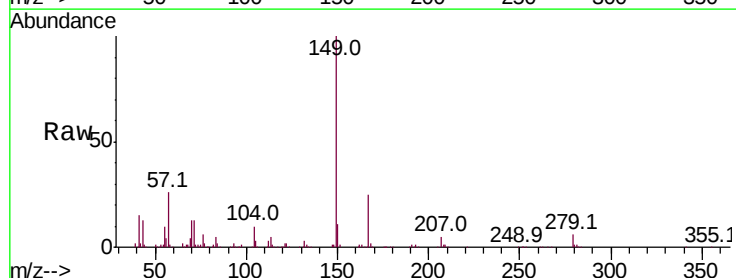
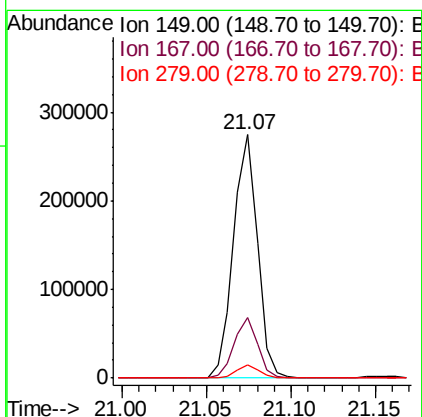
RT: 21.07 min Scan# 3075

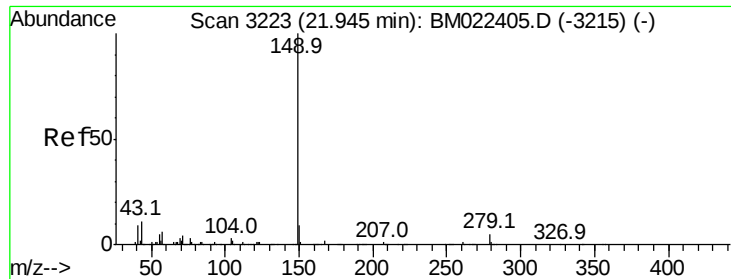
Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	149	Resp:	271997
Ion Ratio		Lower	Upper
149	100		
167	25.1	19.6	29.4
279	5.5	4.4	6.6





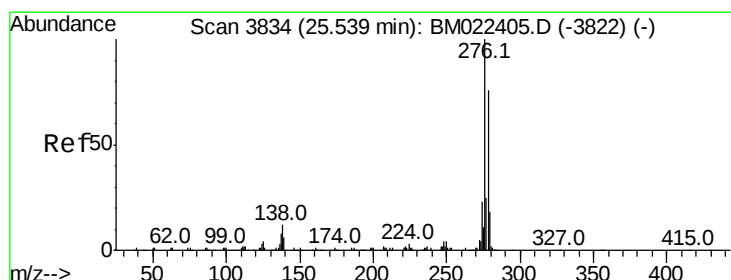
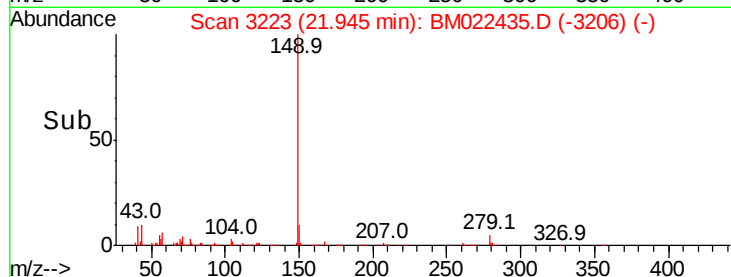
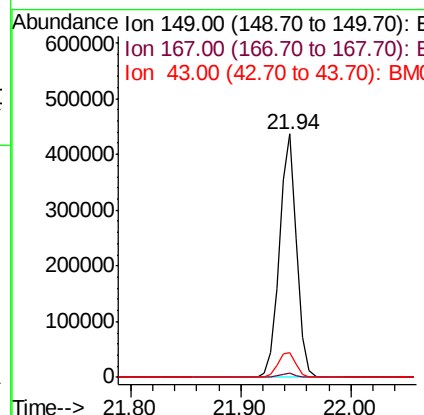
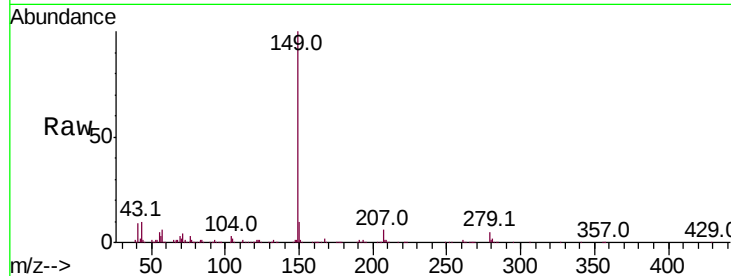
#85
Di-n-octyl phthalate
Concen: 47.194 ng
RT: 21.94 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_M
ClientSampleId :
PB122653BS

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

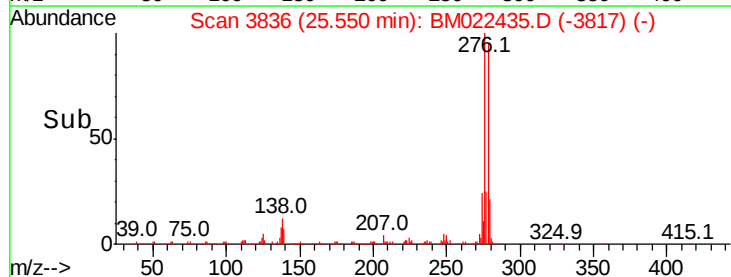
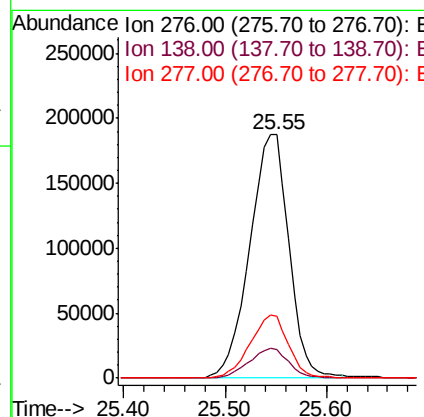
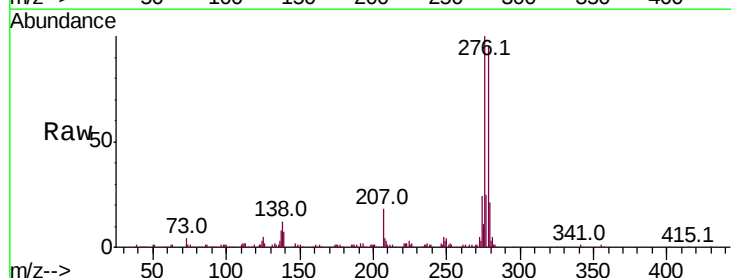
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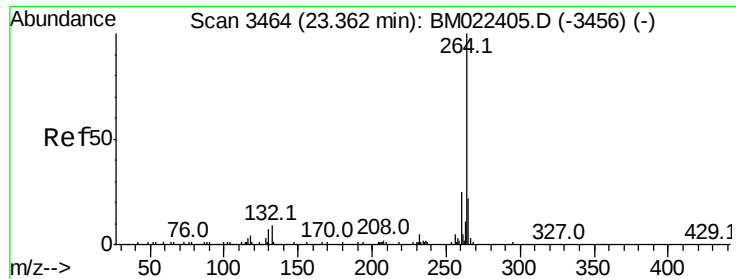
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.043 ng
RT: 25.55 min Scan# 3836
Delta R.T. 0.01 min
Lab File: BM022435.D
Acq: 30 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	12.2	9.1	13.7	
277	25.2	20.0	30.0	





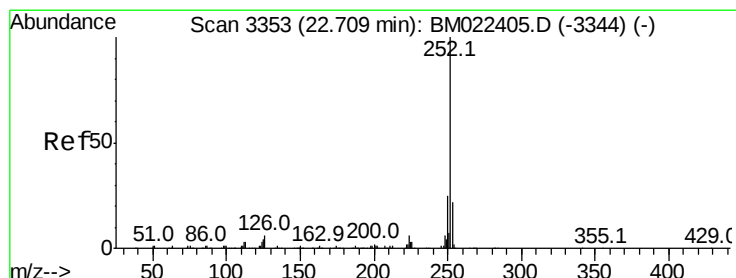
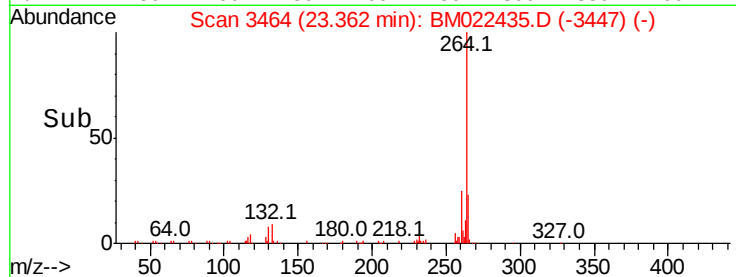
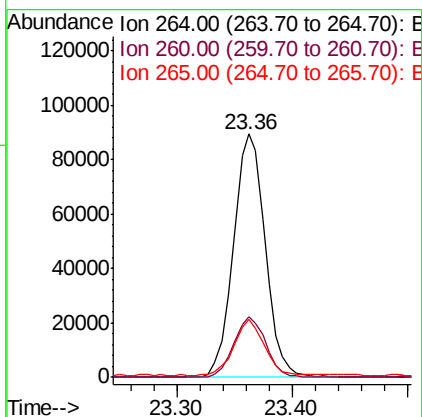
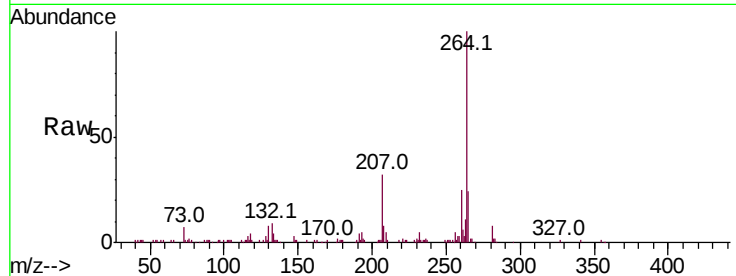
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3464
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BS

Tot Ion:	264	Resp:	170079
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.2	30.2
265	23.7	18.2	27.2

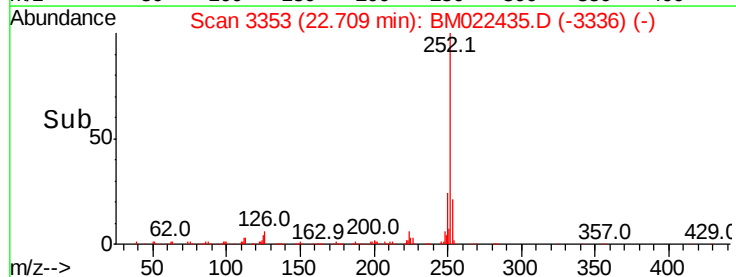
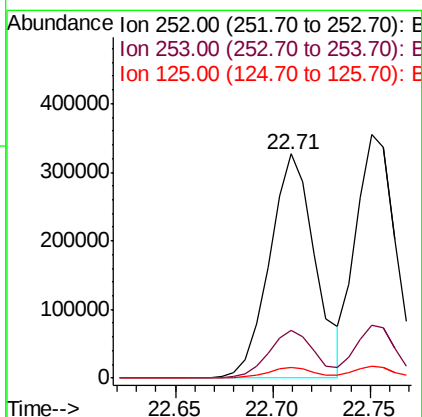
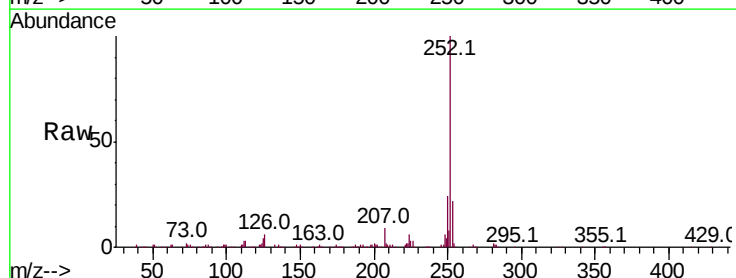
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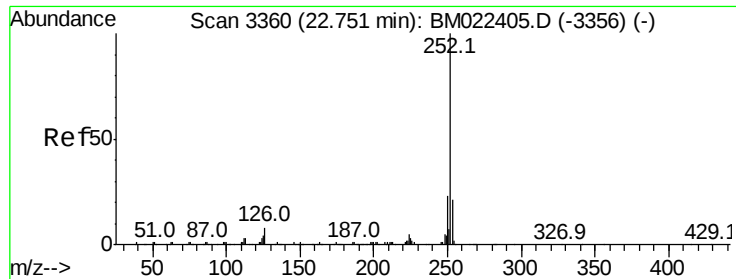
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#88
 Benzo(b)fluoranthene
 Concen: 44.674 ng
 RT: 22.71 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: BM022435.D
 Acq: 30 Aug 2019 10:56

Tgt Ion:	252	Resp:	527852
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	4.5	3.5	5.3





#89

Benzo(k)fluoranthene

Concen: 42.687 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

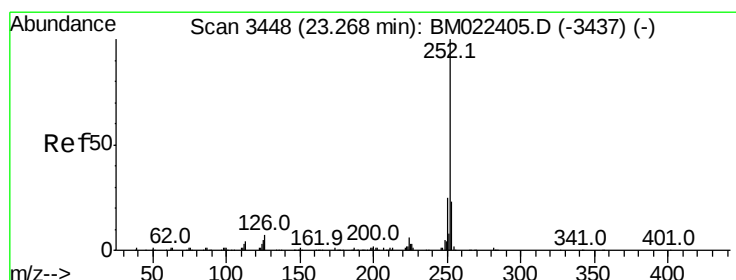
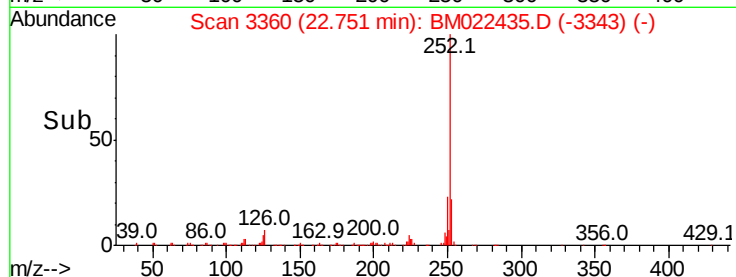
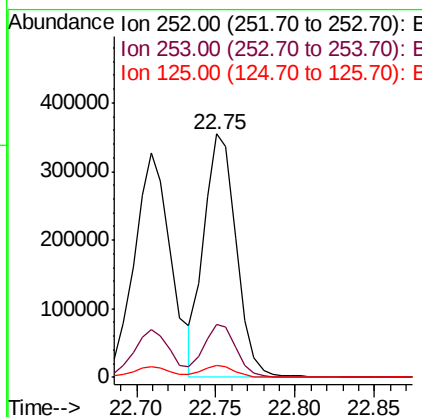
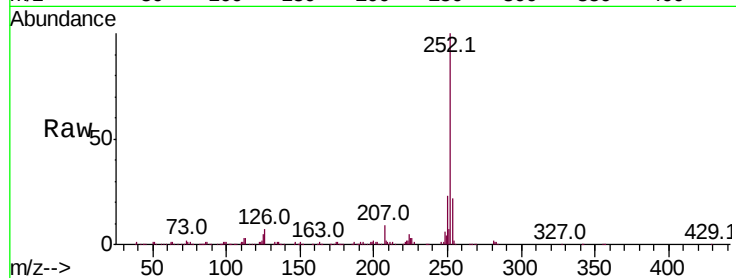
ClientSampleId :

PB122653BS

Tot Ion:	252	Resp:	500345
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.4
125	4.9	3.7	5.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 44.979 ng

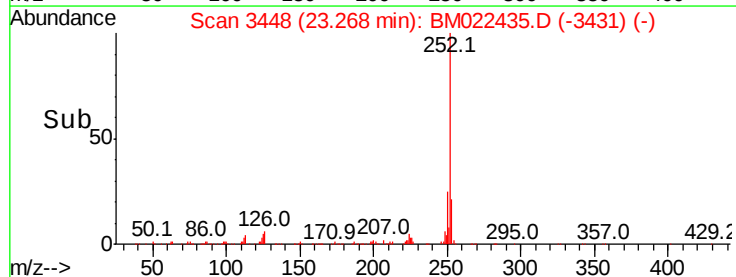
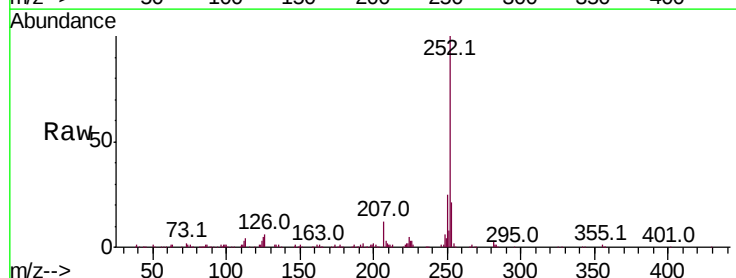
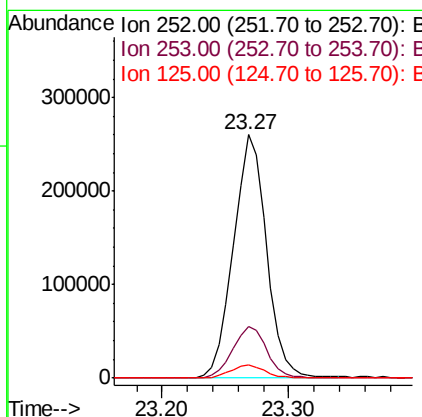
RT: 23.27 min Scan# 3448

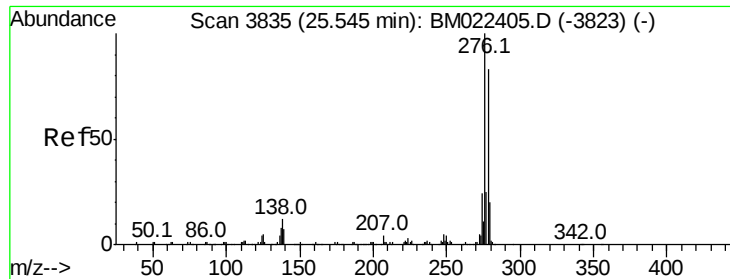
Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	252	Resp:	471715
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	5.2	3.8	5.8





#91

Dibenzo(a,h)anthracene

Concen: 41.042 ng

RT: 25.55 min Scan# 3836

Delta R.T. 0.01 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_M

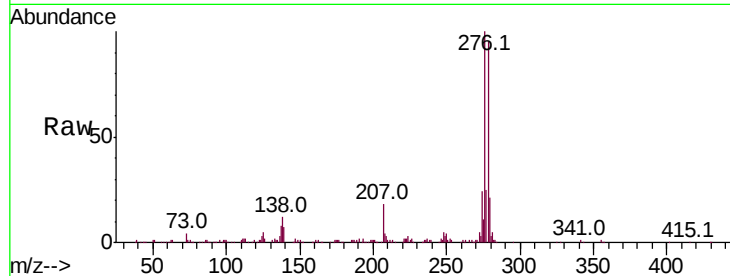
ClientSampleId :

PB122653BS

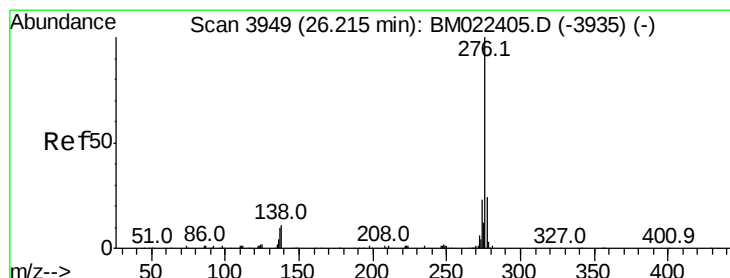
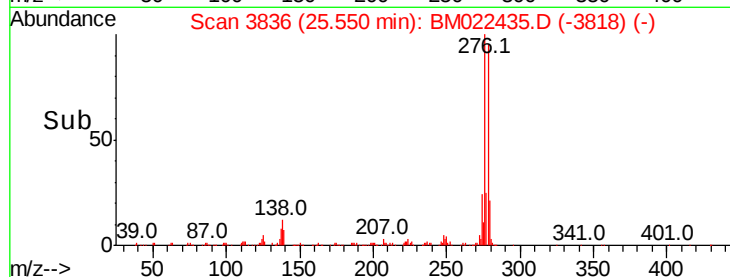
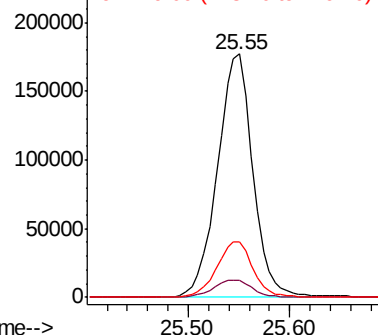
Tot Ion:	278	Resp:	429206
Ion Ratio	Lower	Upper	
278	100		
139	7.2	6.6	9.8
279	22.7	19.3	28.9

Manual Integrations
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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: 40.669 ng

RT: 26.22 min Scan# 3949

Delta R.T. -0.00 min

Lab File: BM022435.D

Acq: 30 Aug 2019 10:56

Tgt Ion:	276	Resp:	370668
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.4	29.0
138	11.4	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

