

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022434.D
 Acq On : 30 Aug 2019 10:20
 Operator : HP/JU
 Sample : PB122644BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

Manual Integrations
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mohammad
 8/31/2019 2:43:46 PM

Quant Time: Aug 30 15:36:01 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	20185	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	87025	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	61102	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	144351	20.00	ng	0.00
76) Chrysene-d12	21.17	240	196961	20.00	ng	0.00
87) Perylene-d12	23.36	264	173673	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	144191	125.39	ng	0.00
7) Phenol-d6	6.73	99	183491	119.32	ng	0.00
23) Nitrobenzene-d5	8.70	82	119997	60.40	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	127369	101.87	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	295132	54.72	ng	0.00
79) Terphenyl-d14	19.60	244	728871	48.84	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.13	88	21239	40.026	ng	# 87
3) Pyridine	3.53	79	41509	32.521	ng	95
4) n-Nitrosodimethylamine	3.46	42	37700	42.840	ng	99
6) Aniline	6.87	93	69509	35.468	ng	98
8) 2-Chlorophenol	7.09	128	61152	46.201	ng	99
9) Benzaldehyde	6.70	77	43423	45.324	ng	93
10) Phenol	6.75	94	72664	47.037	ng	99
11) bis(2-Chloroethyl)ether	6.97	93	48932	41.971	ng	99
12) 1,3-Dichlorobenzene	7.40	146	63138	39.314	ng	98
13) 1,4-Dichlorobenzene	7.56	146	64321	39.528	ng	99
14) 1,2-Dichlorobenzene	7.86	146	63521	38.939	ng	96
15) Benzyl Alcohol	7.79	79	63272	43.370	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.04	45	60673	40.158	ng	98
17) 2-Methylphenol	7.98	107	50706	45.134	ng	98
18) Hexachloroethane	8.56	117	29136	38.618	ng	98
19) n-Nitroso-di-n-propylamine	8.34	70	46799	39.212	ng	97
20) 3+4-Methylphenols	8.31	107	68361	44.809	ng	94
22) Acetophenone	8.36	105	91464	38.061	ng	# 97
24) Nitrobenzene	8.74	77	76171	39.824	ng	97
25) Isophorone	9.25	82	125446	40.210	ng	99
26) 2-Nitrophenol	9.44	139	33343	43.519	ng	94
27) 2,4-Dimethylphenol	9.50	122	57597	50.397	ng	95
28) bis(2-Chloroethoxy)methane	9.73	93	70228	38.904	ng	96
29) 2,4-Dichlorophenol	9.97	162	65012	43.477	ng	94
30) 1,2,4-Trichlorobenzene	10.16	180	71428	37.512	ng	98
31) Naphthalene	10.35	128	178153	39.358	ng	99
32) Benzoic acid	9.70	122	38665	42.953	ng	95
33) 4-Chloroaniline	10.49	127	46147	23.694	ng	97
34) Hexachlorobutadiene	10.59	225	64526	34.357	ng	96
35) Caprolactam	11.33	113	16878m	44.408	ng	
36) 4-Chloro-3-methylphenol	11.63	107	68633	43.548	ng	99
37) 2-Methylnaphthalene	11.97	142	135906	39.510	ng	99
38) 1-Methylnaphthalene	12.19	142	128954	38.841	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	106181	36.616	ng	99

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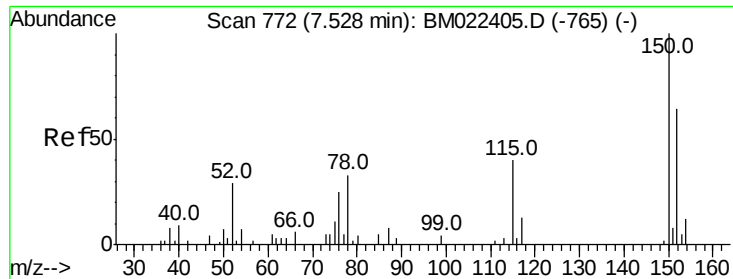
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	72600	63.789	nq	95
43) 2,4,6-Trichlorophenol	12.61	196	63560	40.607	nq	98
44) 2,4,5-Trichlorophenol	12.69	196	66442	42.809	nq	94
46) 1,1'-Biphenyl	13.00	154	186473	37.350	nq	98
47) 2-Chloronaphthalene	13.05	162	150020	37.843	nq	99
48) 2-Nitroaniline	13.30	65	49563	38.819	nq	96
49) Acenaphthylene	13.90	152	239834	40.085	nq	99
50) Dimethylphthalate	13.66	163	206586	38.873	nq	100
51) 2,6-Dinitrotoluene	13.80	165	42465	40.677	nq	91
52) Acenaphthene	14.25	154	138046	38.471	nq	98
53) 3-Nitroaniline	14.14	138	28805	28.737	nq	96
54) 2,4-Dinitrophenol	14.37	184	48142	77.045	nq	100
55) Dibenzofuran	14.59	168	238008	39.374	nq	99
56) 4-Nitrophenol	14.47	139	57753	85.173	nq	99
57) 2,4-Dinitrotoluene	14.61	165	61788	41.168	nq	# 93
58) Fluorene	15.24	166	201779	37.363	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	71160	40.684	nq	99
60) Diethylphthalate	15.03	149	215896	38.893	nq	99
61) 4-Chlorophenyl-phenylether	15.24	204	132619	35.711	nq	100
62) 4-Nitroaniline	15.32	138	37338	39.798	nq	91
63) Azobenzene	15.54	77	220919	39.869	nq	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	37208	43.197	nq	94
66) n-Nitrosodiphenylamine	15.47	169	169217	38.828	nq	97
67) 4-Bromophenyl-phenylether	16.14	248	83493	36.762	nq	92
68) Hexachlorobenzene	16.24	284	91459	35.550	nq	97
69) Atrazine	16.44	200	71631	38.604	nq	97
70) Pentachlorophenol	16.61	266	106146	92.243	nq	96
71) Phenanthrene	16.99	178	320457	38.085	nq	99
72) Anthracene	17.09	178	327135	39.516	nq	98
73) Carbazole	17.38	167	274819	40.161	nq	99
74) Di-n-butylphthalate	17.92	149	363780	39.205	nq	100
75) Fluoranthene	19.03	202	450440	40.199	nq	100
77) Benzidine	19.24	184	162790	49.084	nq	99
78) Pyrene	19.39	202	469177	34.953	nq	99
80) Butylbenzylphthalate	20.30	149	183280	39.125	nq	97
81) Benzo(a)anthracene	21.16	228	550410	38.934	nq	99
82) 3,3'-Dichlorobenzidine	21.10	252	170580	38.898	nq	99
83) Chrysene	21.21	228	518591	38.540	nq	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	275209	43.268	nq	99
85) Di-n-octyl phthalate	21.94	149	482353	47.218	nq	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	511519	37.792	nq	99
88) Benzo(b)fluoranthene	22.71	252	520322	43.126	nq	99
89) Benzo(k)fluoranthene	22.75	252	534448	44.653	nq	99
90) Benzo(a)pyrene	23.27	252	487761	45.546	nq	98
91) Dibenzo(a,h)anthracene	25.55	278	438319	41.046	nq	98
92) Benzo(g,h,i)perylene	26.21	276	376769	40.483	nq	98

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



#1

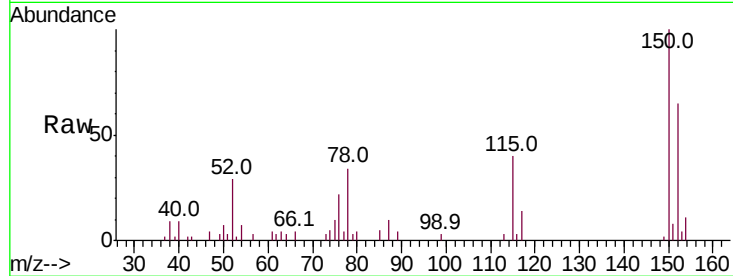
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.4	188.0
115	61.4	50.3	75.5

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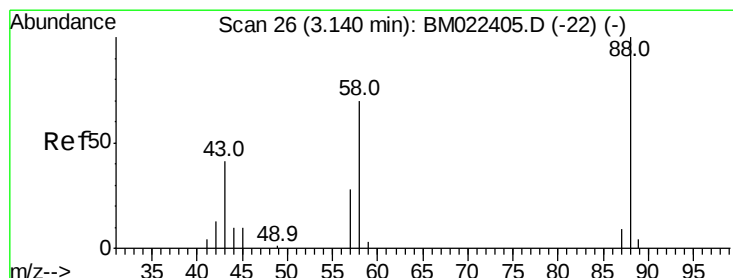
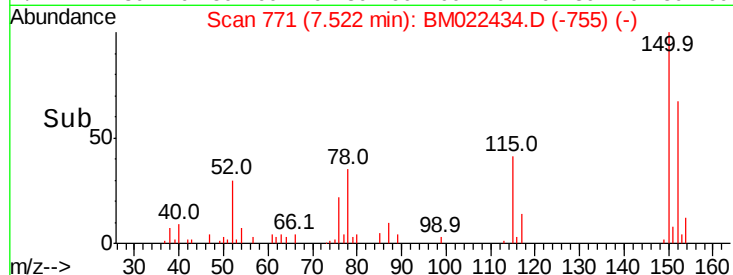
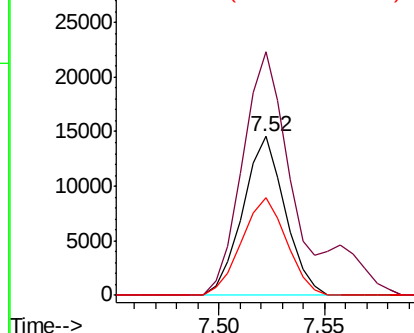


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

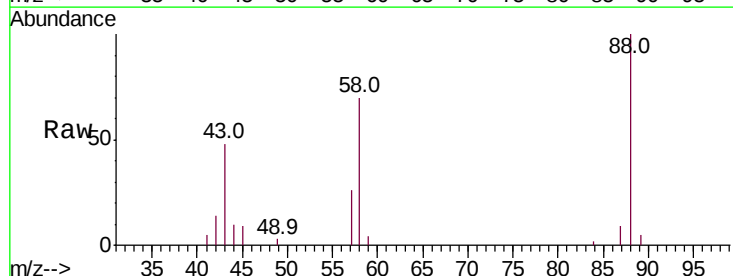
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 40.026 ng
 RT: 3.13 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	53.8	80.8
43	49.6	30.6	46.0

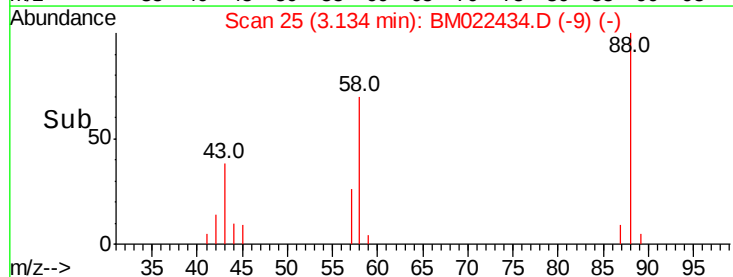
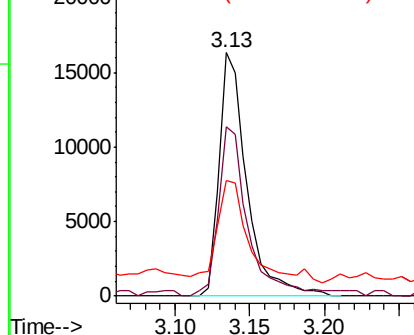


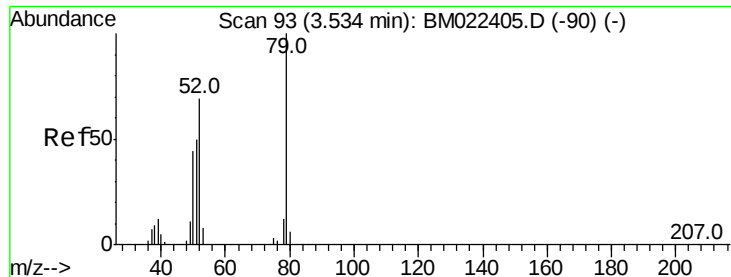
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 32.521 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

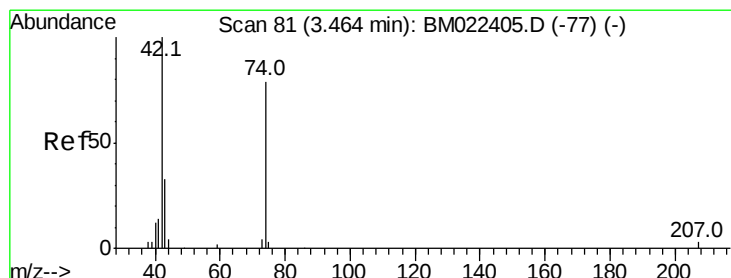
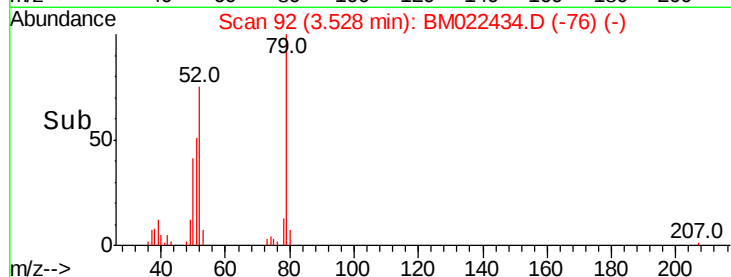
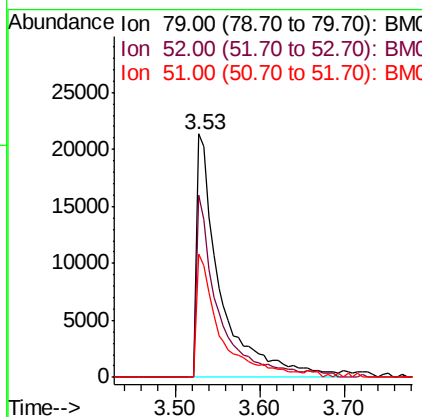
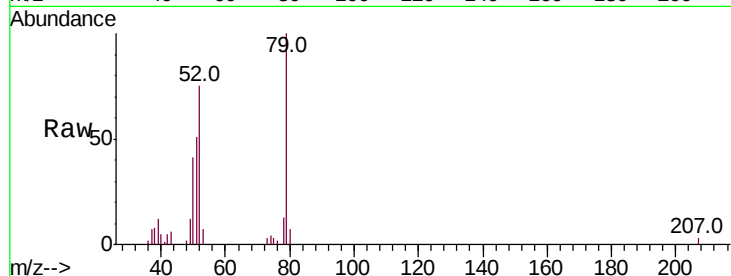
ClientSampleId :

PB122644BS

Tot Ion:	79	Resp:	41509
Ion Ratio	Lower	Upper	
79	100		
52	74.7	54.8	82.2
51	50.6	40.2	60.4

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#4

n-Nitrosodimethylamine

Concen: 42.840 ng

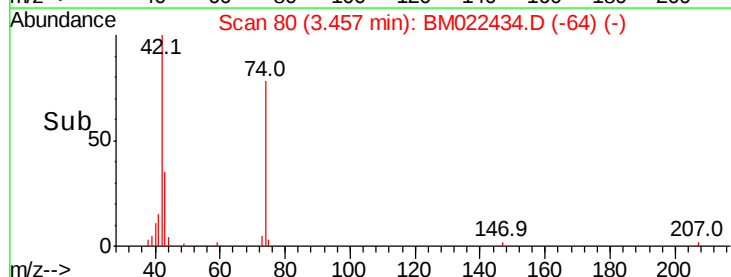
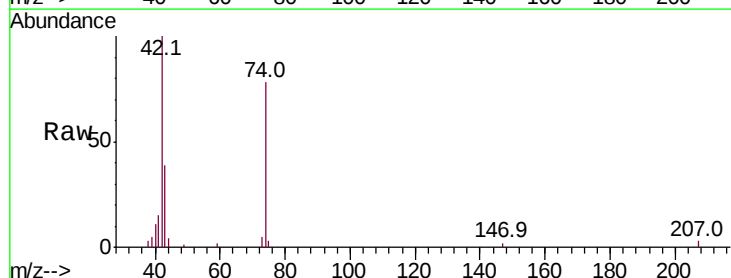
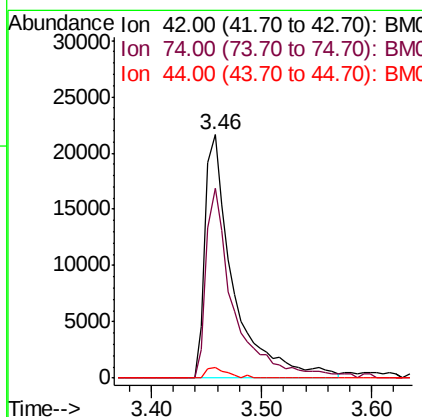
RT: 3.46 min Scan# 80

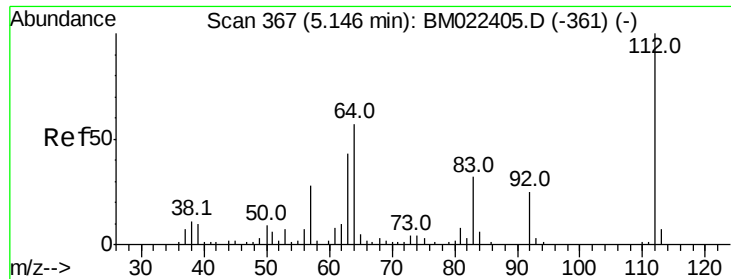
Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	42	Resp:	37700
Ion Ratio	Lower	Upper	
42	100		
74	77.8	63.0	94.6
44	4.3	3.0	4.6





#5

2-Fluorophenol

Concen: 125.391 ng

RT: 5.15 min Scan# 367

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

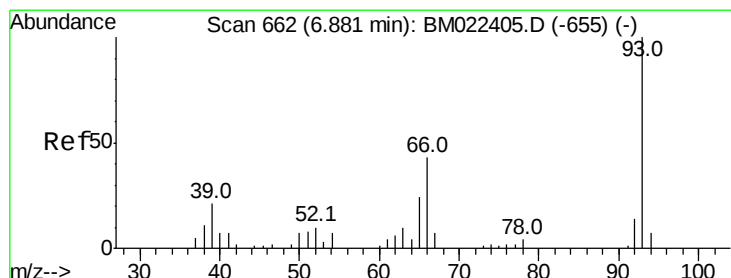
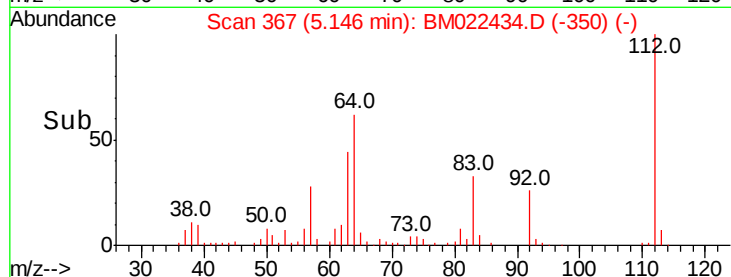
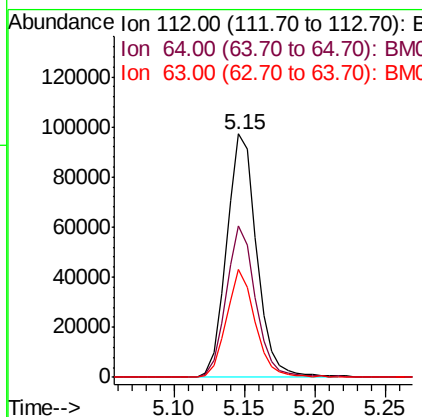
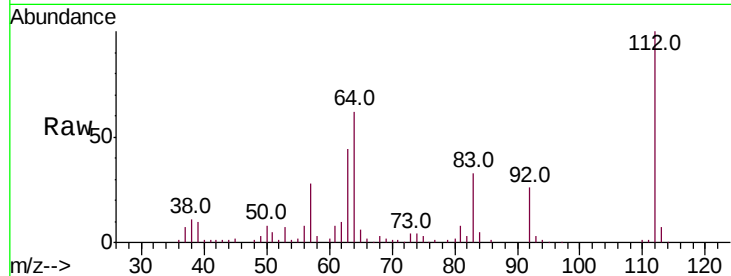
ClientSampleId :

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Tot Ion:	112	Resp:	144191
Ion Ratio	Lower	Upper	
112	100		
64	62.4	45.4	68.2
63	44.2	34.5	51.7

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#6

Aniline

Concen: 35.468 ng

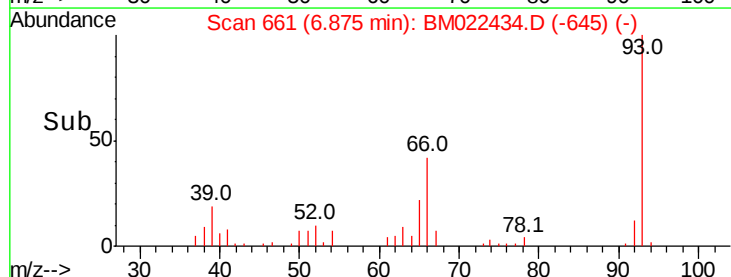
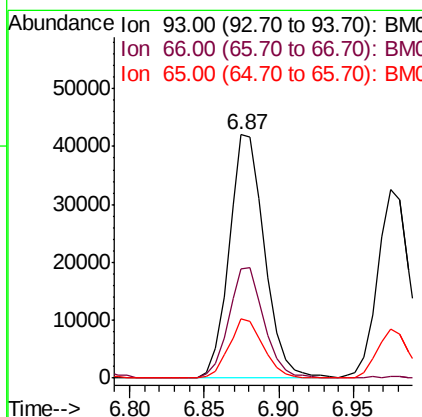
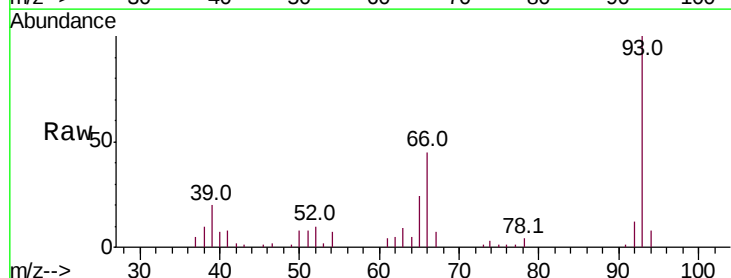
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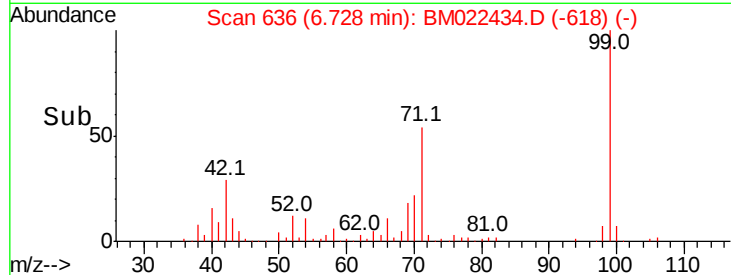
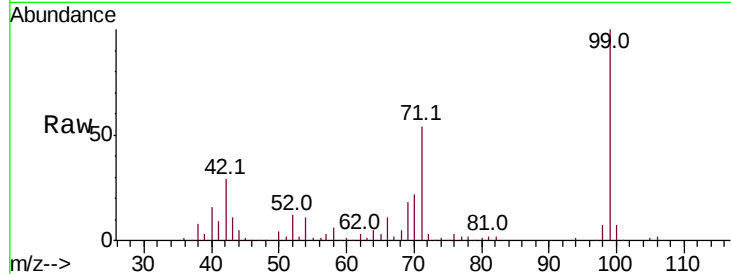
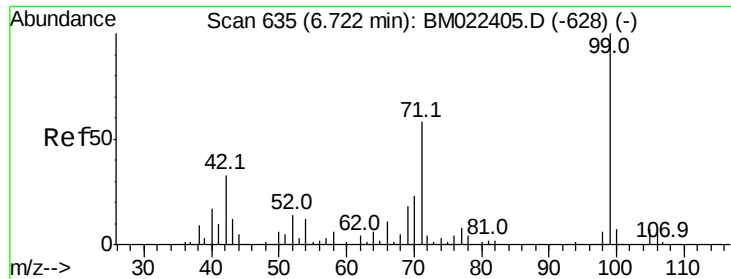
Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	93	Resp:	69509
Ion Ratio	Lower	Upper	
93	100		
66	44.8	34.7	52.1
65	24.4	18.8	28.2





#7

Phenol-d6

Concen: 119.324 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tot Ion:	99	Resp:	183491
Ion Ratio	Lower	Upper	
99	100		
42	29.3	26.3	39.5
71	54.2	46.6	69.8

Instrument :

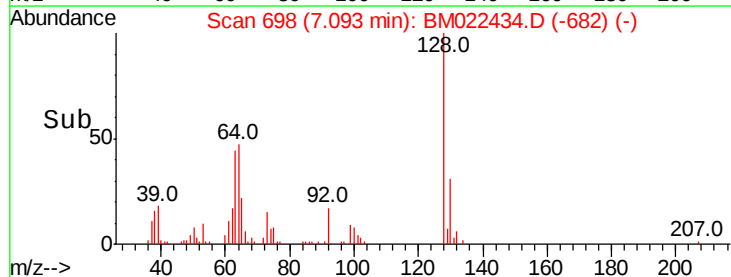
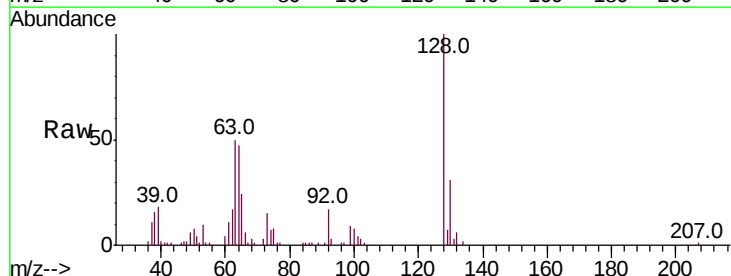
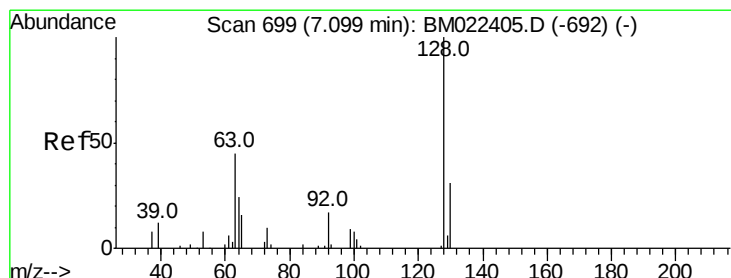
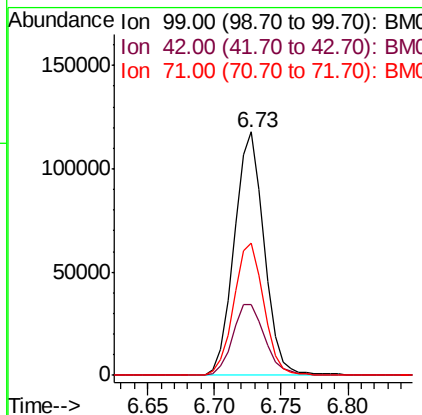
BNA_M

ClientSampleId :

PB122644BS

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#8

2-Chlorophenol

Concen: 46.201 ng

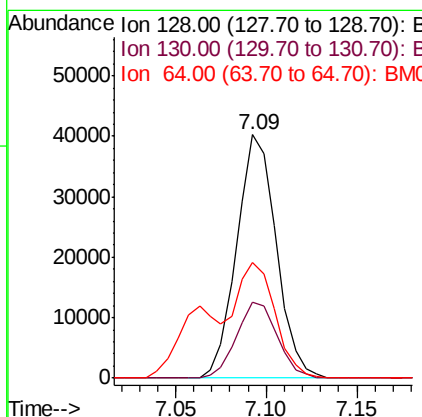
RT: 7.09 min Scan# 698

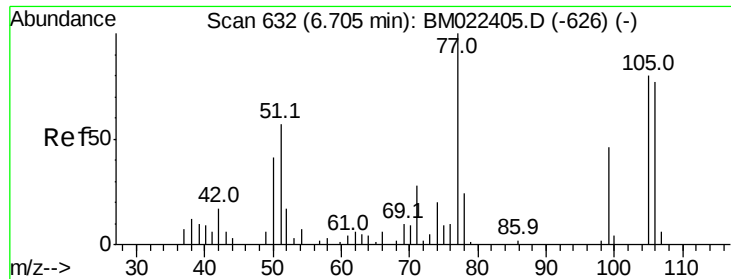
Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	128	Resp:	61152
Ion Ratio	Lower	Upper	
128	100		
130	31.2	11.5	51.5
64	47.4	26.7	66.7





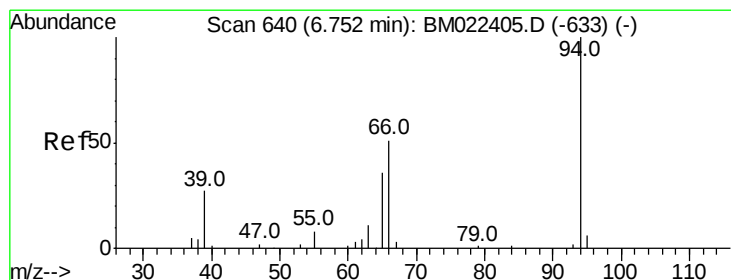
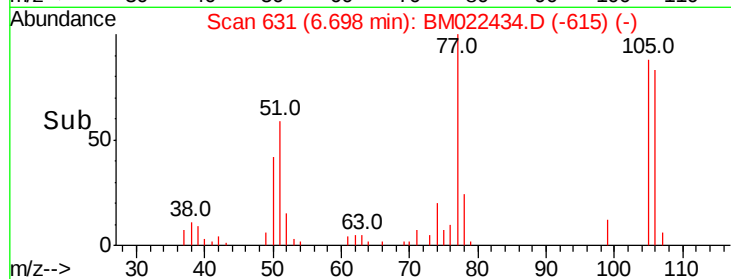
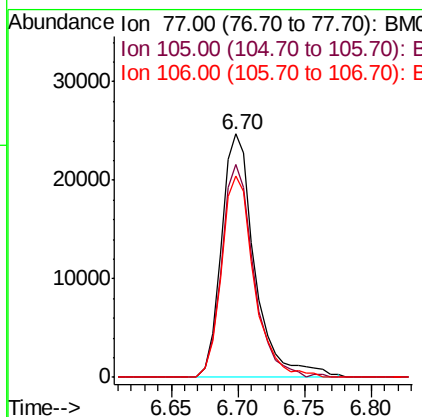
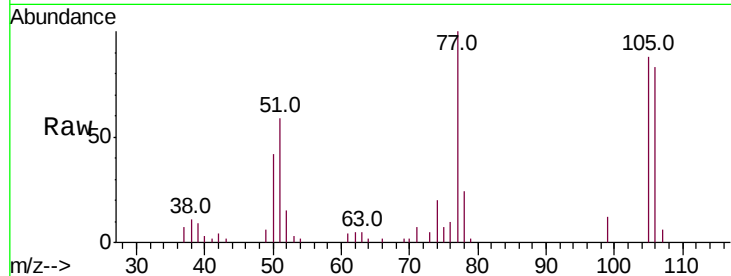
#9
Benzaldehyde
Concen: 45.324 ng
RT: 6.70 min Scan# 631
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.6	60.1	100.1
106	82.8	57.4	97.4

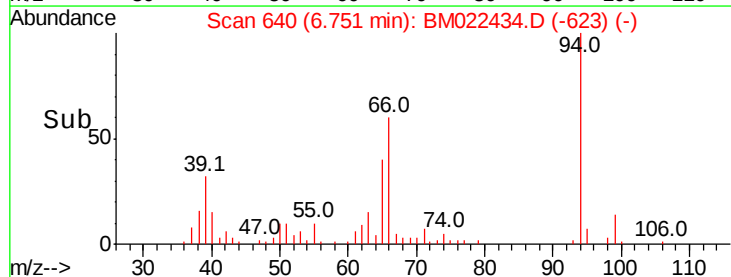
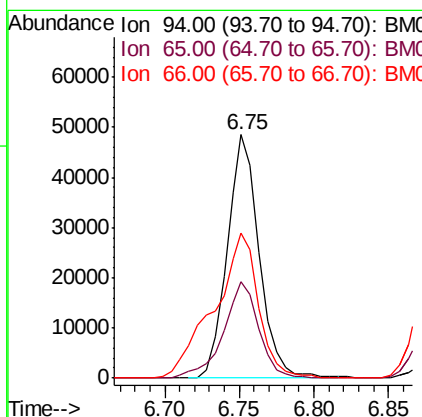
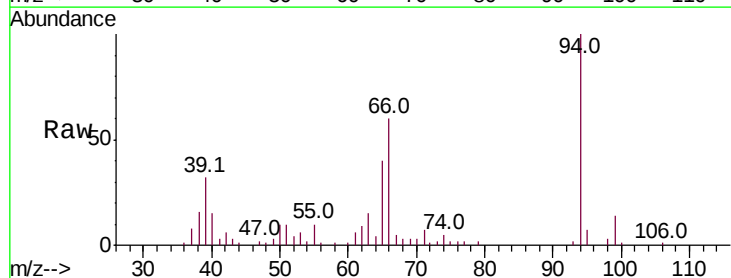
Manual Integrations
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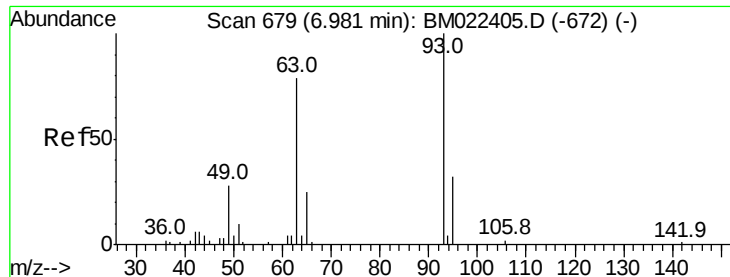
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#10
Phenol
Concen: 47.037 ng
RT: 6.75 min Scan# 640
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.6	17.7	57.7
66	59.5	39.6	79.6





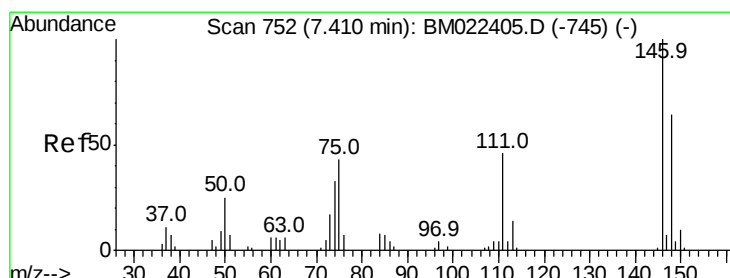
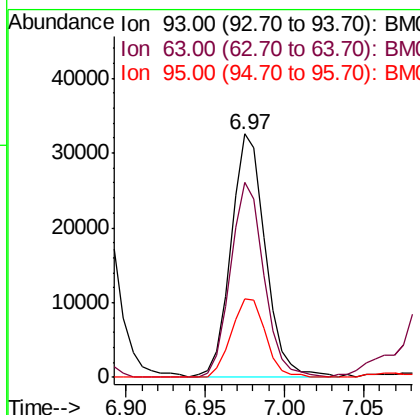
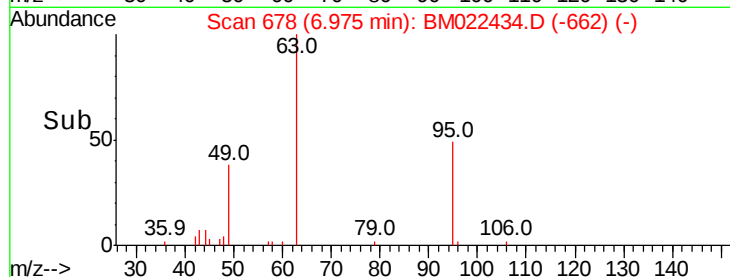
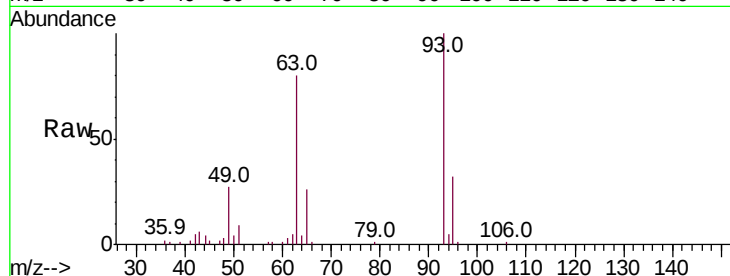
#11
bis(2-Chloroethyl)ether
Concen: 41.971 ng
RT: 6.97 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.9	59.1	99.1
95	32.5	12.0	52.0

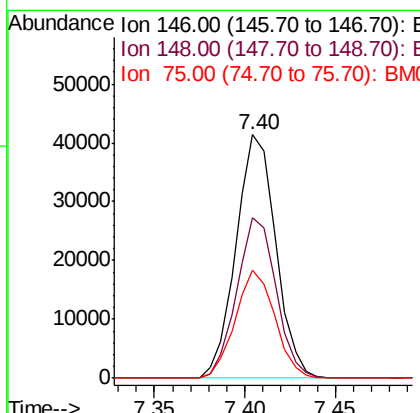
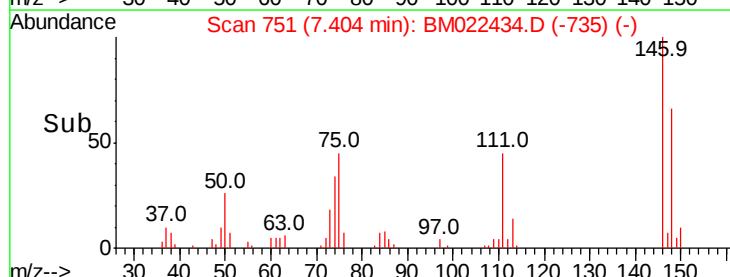
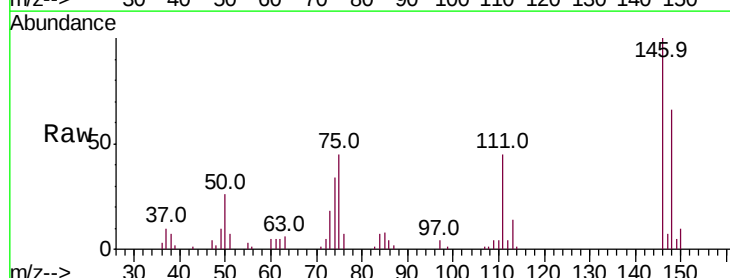
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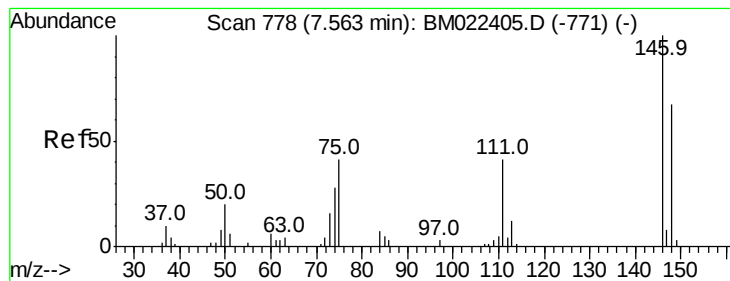
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.314 ng
RT: 7.40 min Scan# 751
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.5	77.3
75	44.5	34.6	52.0





#13

1,4-Dichlorobenzene

Concen: 39.528 ng

RT: 7.56 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

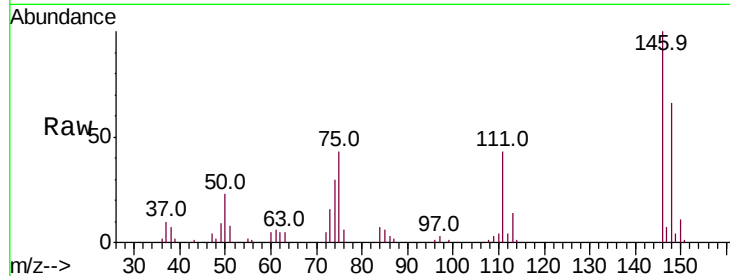
ClientSampleId :

PB122644BS

Tot Ion:	146	Resp:	64321
Ion Ratio	Lower	Upper	
146	100		
148	66.5	53.4	80.0
111	43.1	33.5	50.3

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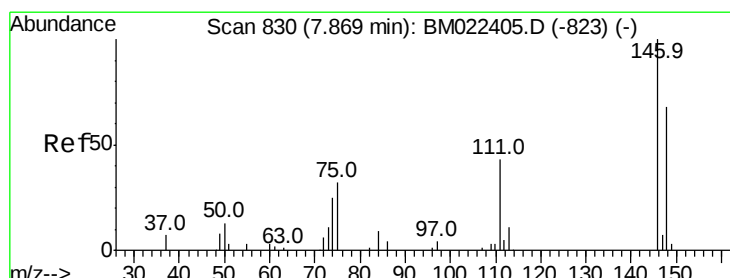
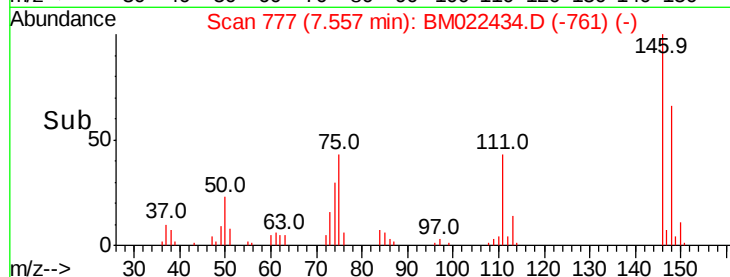
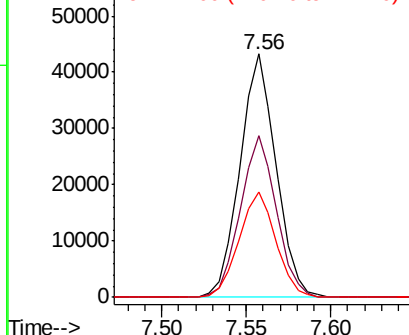


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.939 ng

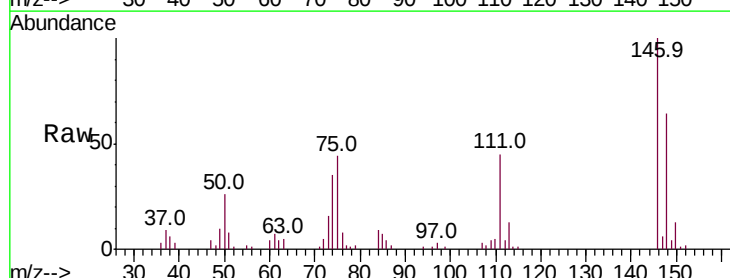
RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	146	Resp:	63521
Ion Ratio	Lower	Upper	
146	100		
148	63.7	54.7	82.1
111	45.3	36.7	55.1

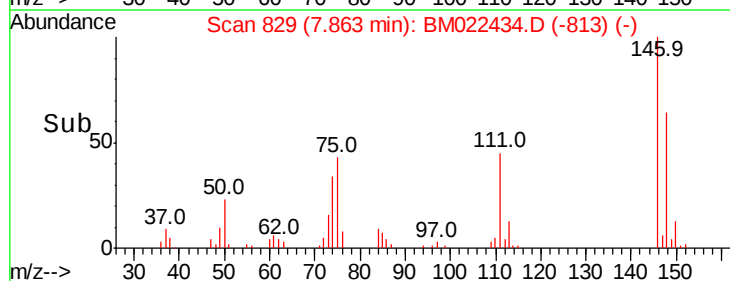
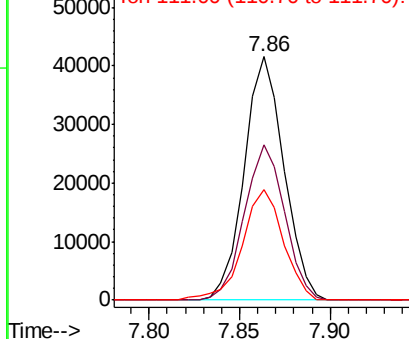


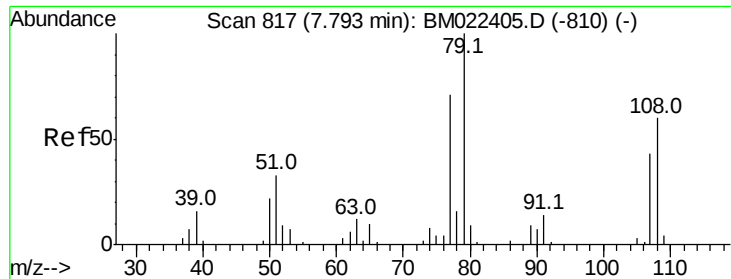
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.370 ng

RT: 7.79 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

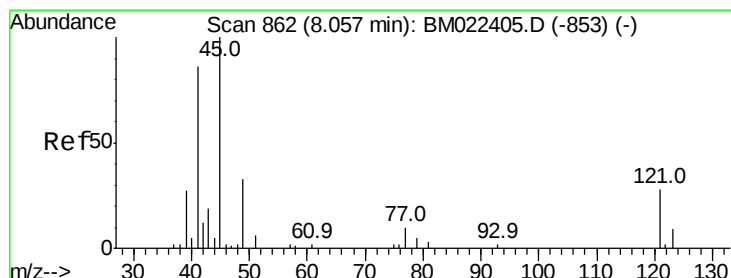
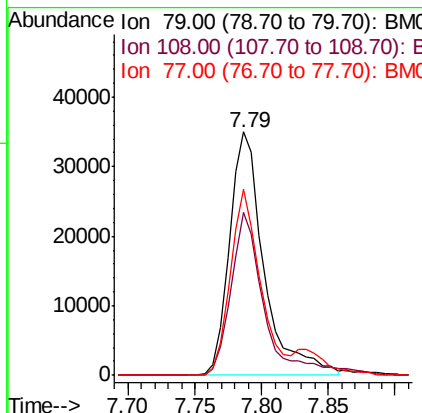
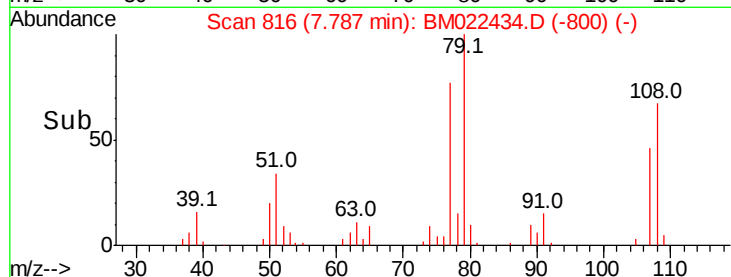
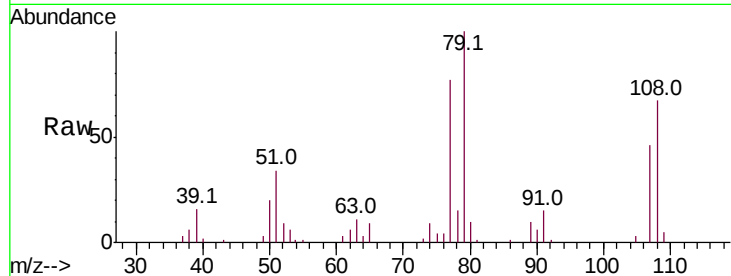
ClientSampleId :

PB122644BS

Tot Ion:	79	Resp:	63272
Ion Ratio	Lower	Upper	
79	100		
108	67.0	48.2	72.4
77	76.6	56.6	85.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.158 ng

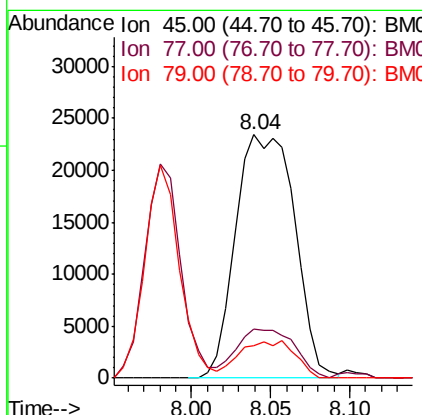
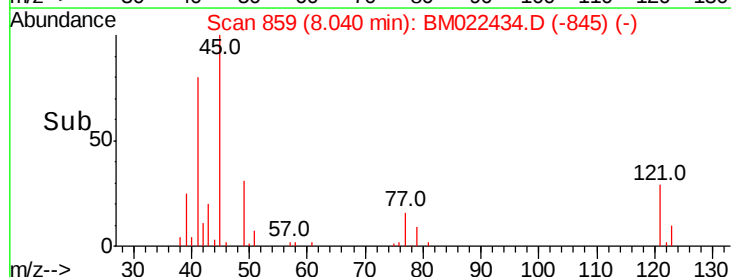
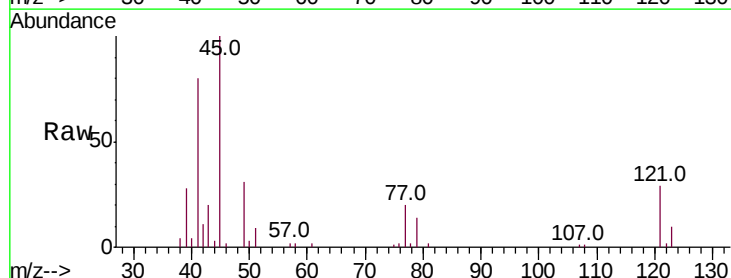
RT: 8.04 min Scan# 859

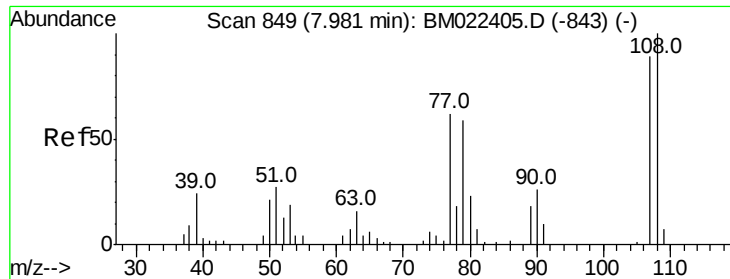
Delta R.T. -0.02 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	45	Resp:	60673
Ion Ratio	Lower	Upper	
45	100		
77	20.3	0.4	40.4
79	13.5	0.0	35.6





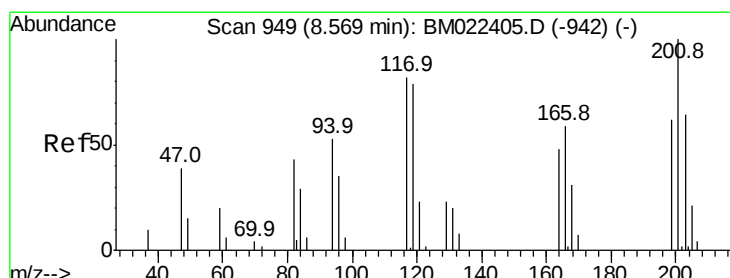
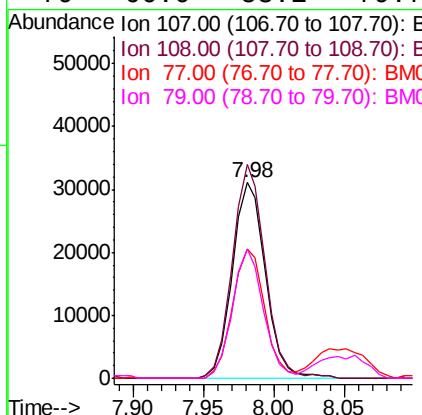
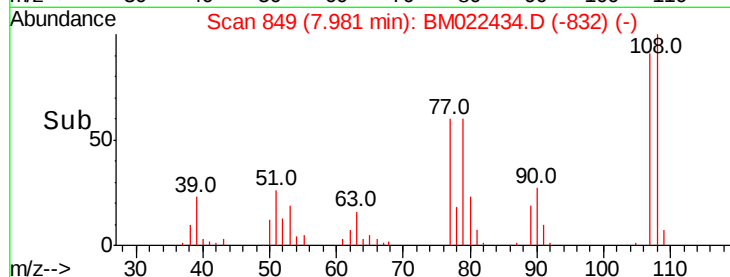
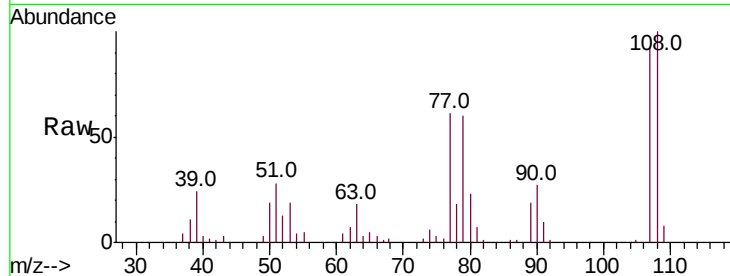
#17
2-Methylphenol
Concen: 45.134 ng
RT: 7.98 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampled :
PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	89.6	134.4	
77	66.4	55.3	82.9	
79	66.0	53.1	79.7	

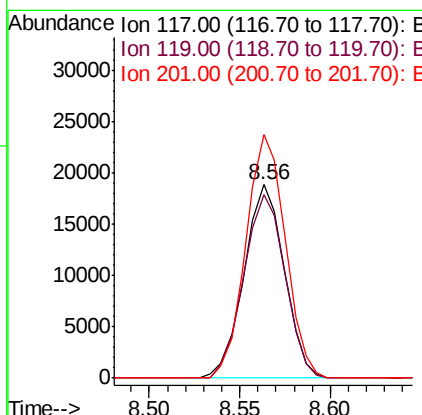
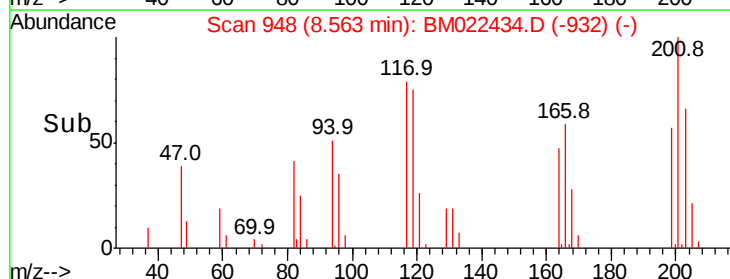
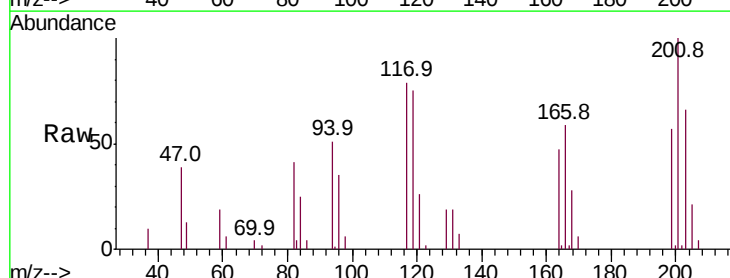
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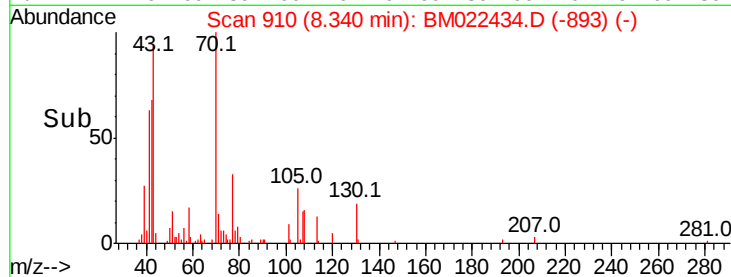
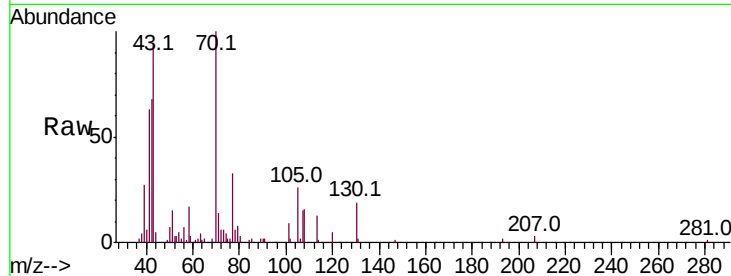
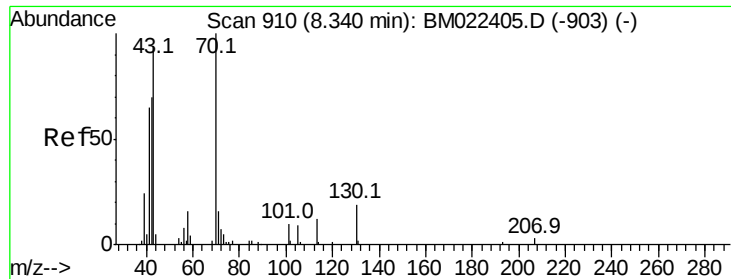
mohammad
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#18
Hexachloroethane
Concen: 38.618 ng
RT: 8.56 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	77.4	116.0	
201	125.8	99.6	149.4	





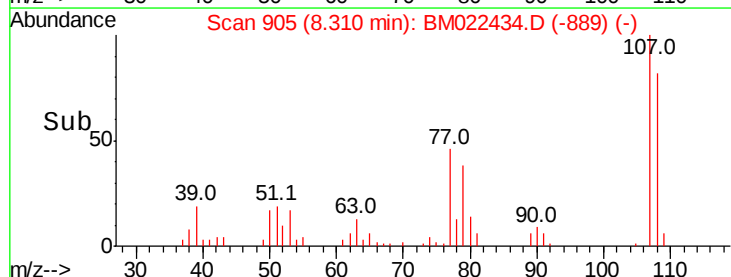
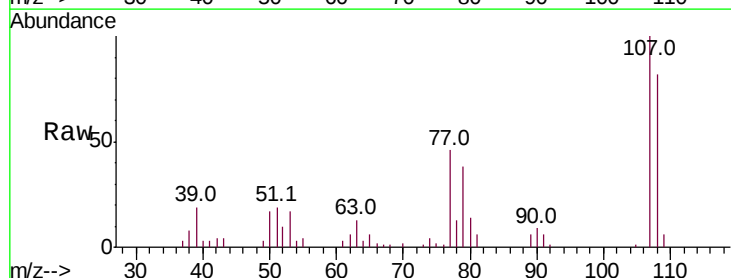
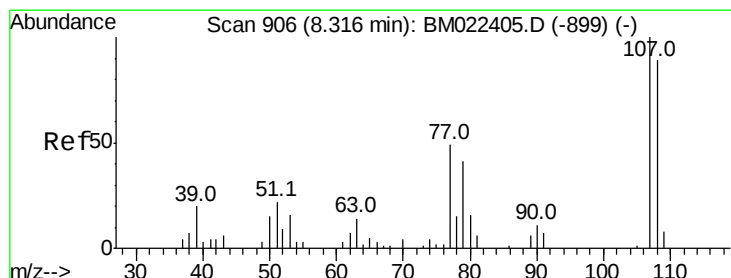
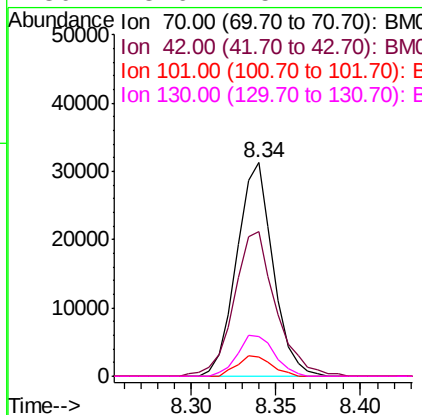
#19
n-Nitroso-di-n-propylamine
Concen: 39.212 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.7	56.2	84.4
101	9.2	7.6	11.4
130	18.6	15.1	22.7

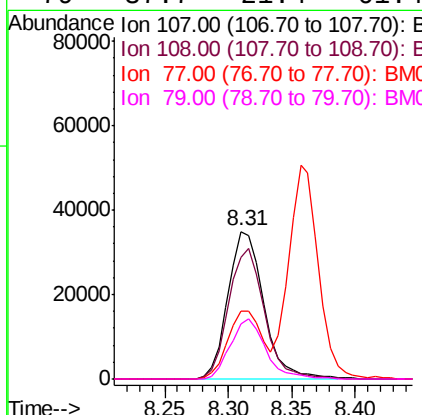
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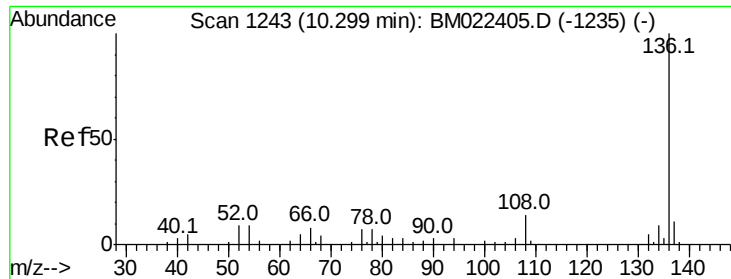
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#20
3+4-Methylphenols
Concen: 44.809 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.2	68.5	108.5
77	45.6	29.0	69.0
79	37.7	21.4	61.4





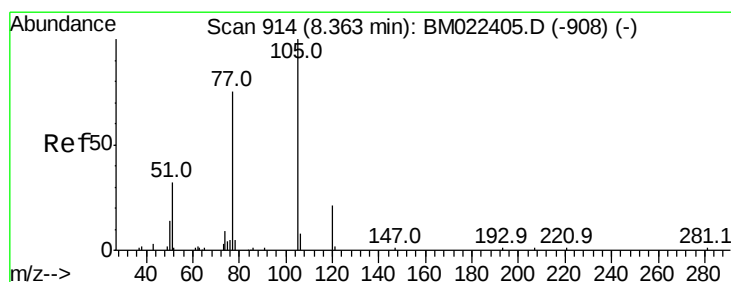
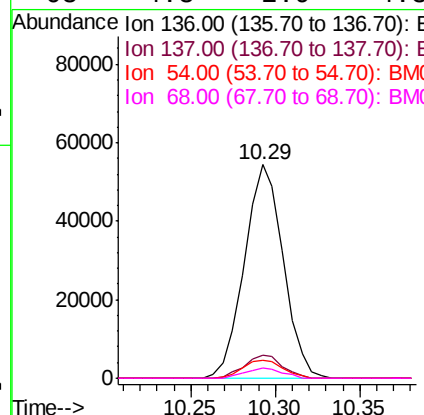
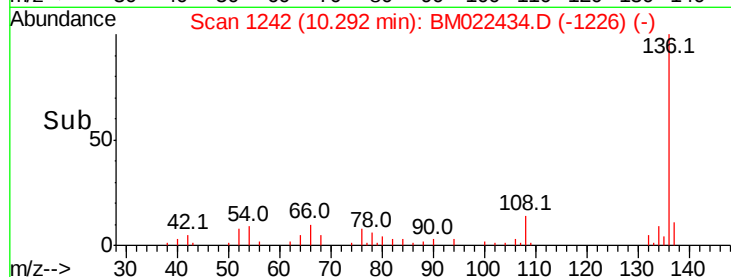
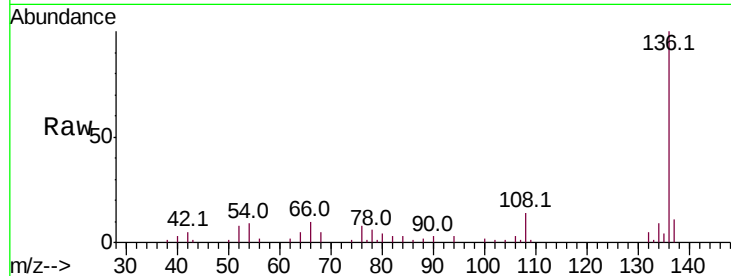
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.6	13.0	
54	8.7	7.0	10.6	
68	4.8	2.9	4.3#	

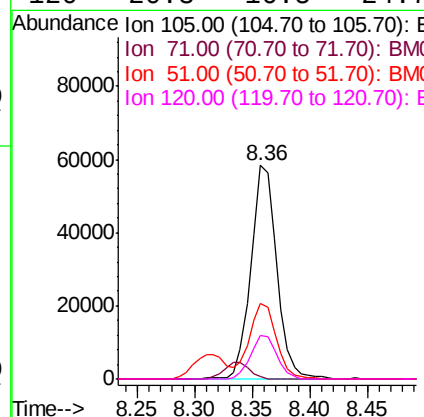
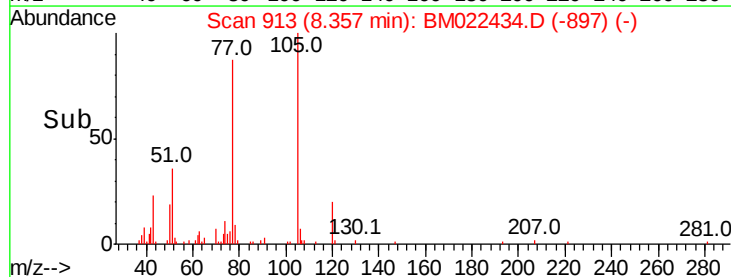
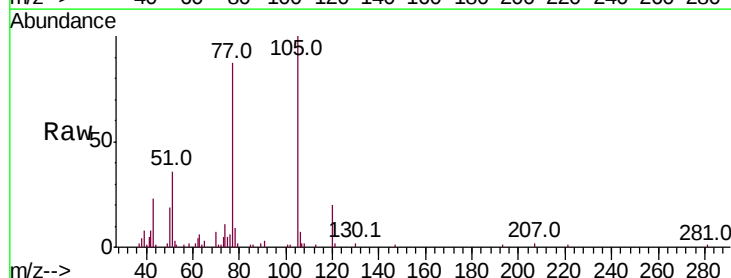
Manual Integrations
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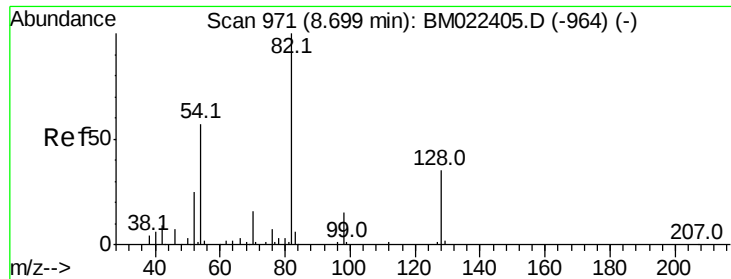
mohammad
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#22
Acetophenone
Concen: 38.061 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	0.6	1.0#	
51	35.5	30.6	46.0	
120	20.3	16.5	24.7	





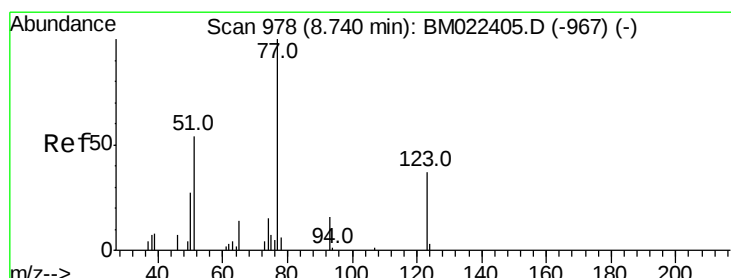
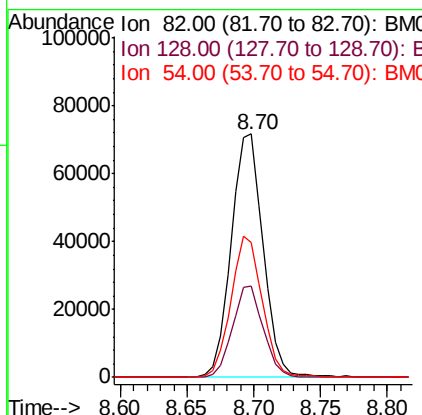
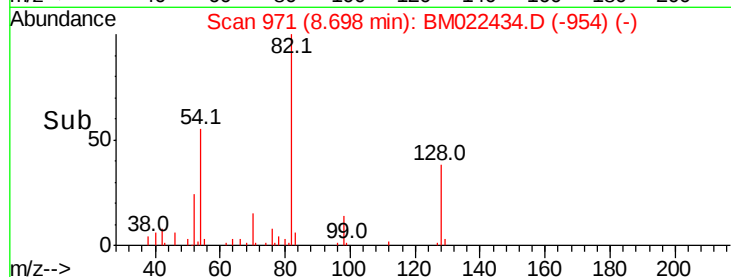
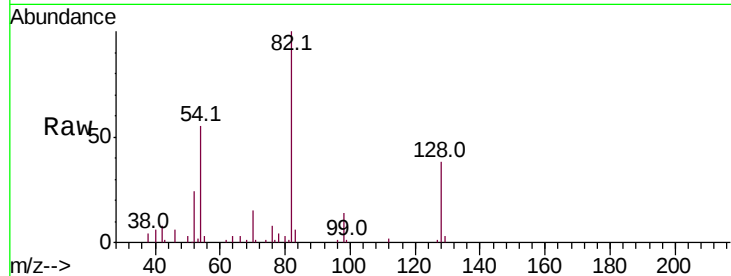
#23
 Nitrobenzene-d5
 Concen: 60.395 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	119997		
128	37.7	27.9	41.9	
54	55.4	45.2	67.8	

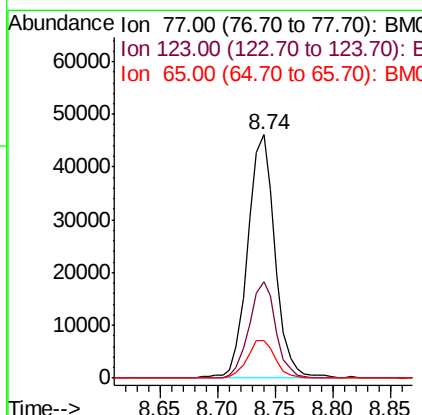
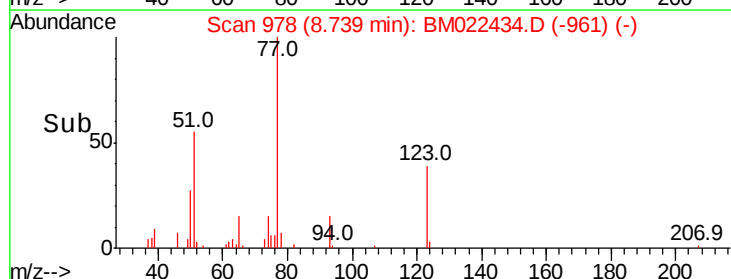
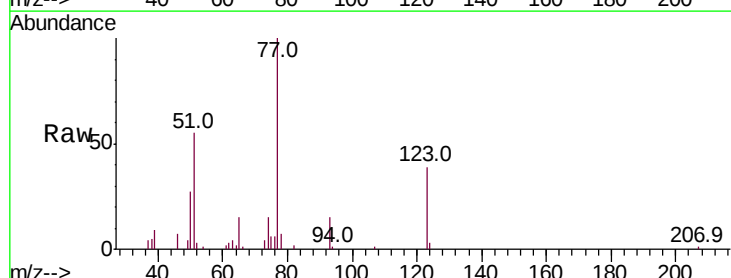
Manual Integrations
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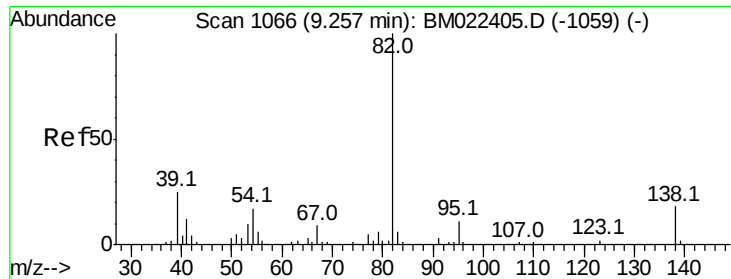
mohammad
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#24
 Nitrobenzene
 Concen: 39.824 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	76171		
123	39.5	30.0	45.0	
65	15.2	11.5	17.3	





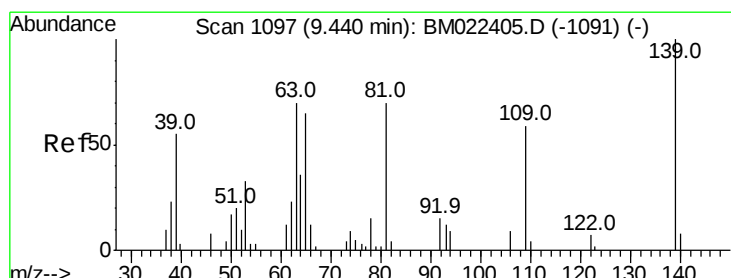
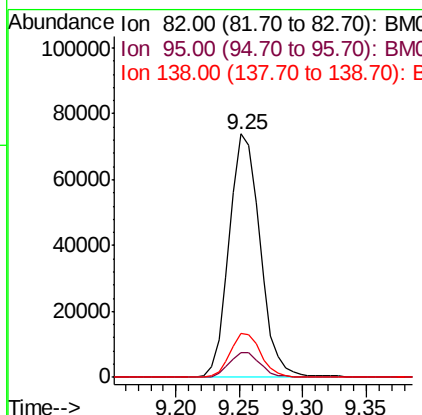
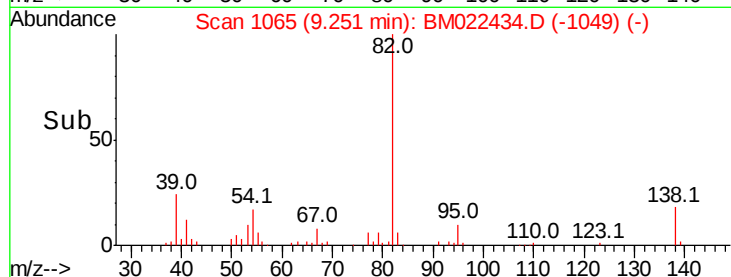
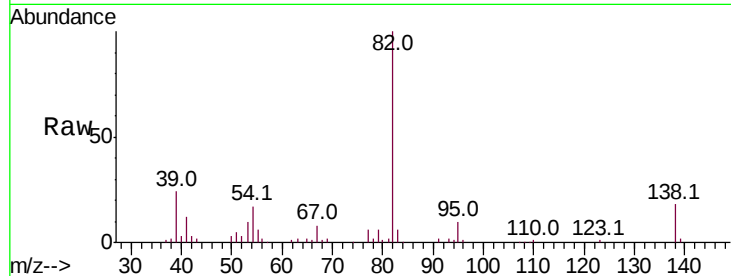
#25
Isophorone
Concen: 40.210 ng
RT: 9.25 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	10.1	8.6	13.0	
138	17.8	14.4	21.6	

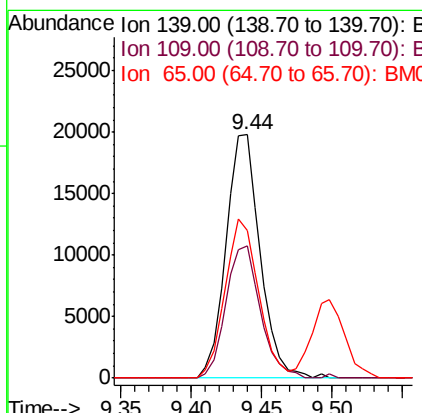
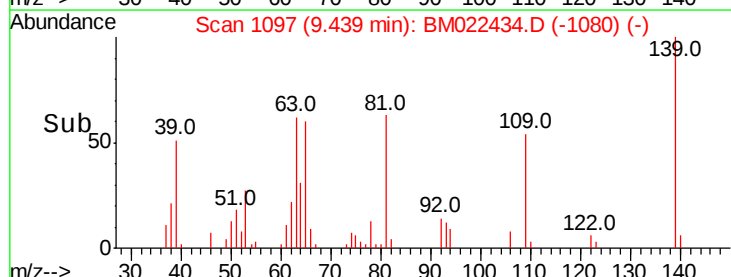
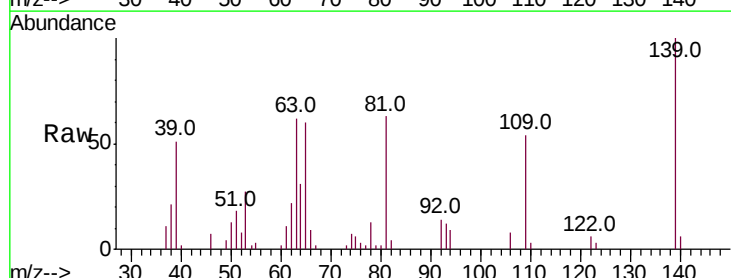
Manual Integrations
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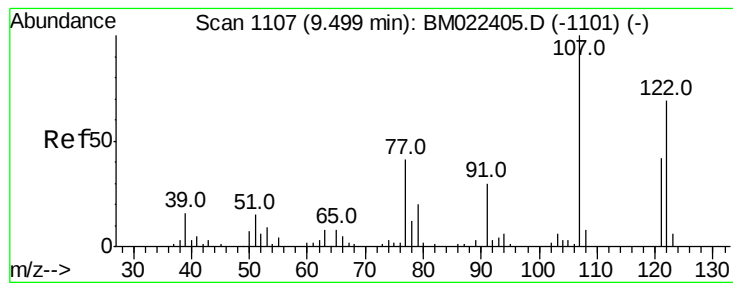
mohammad
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#26
2-Nitrophenol
Concen: 43.519 ng
RT: 9.44 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.2	47.0	70.4	
65	60.4	52.3	78.5	





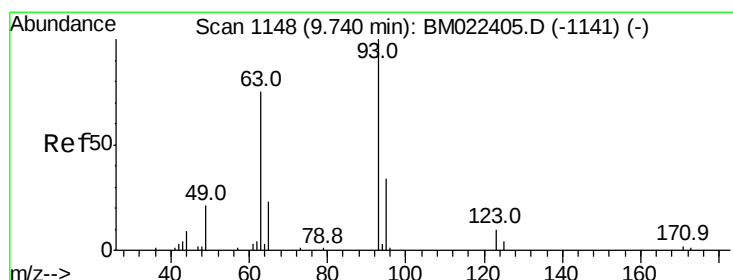
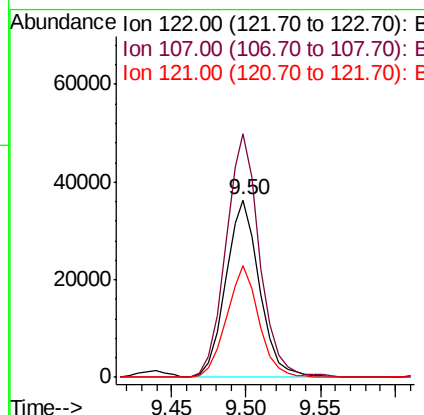
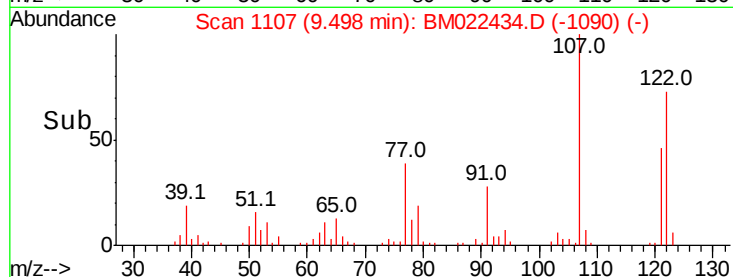
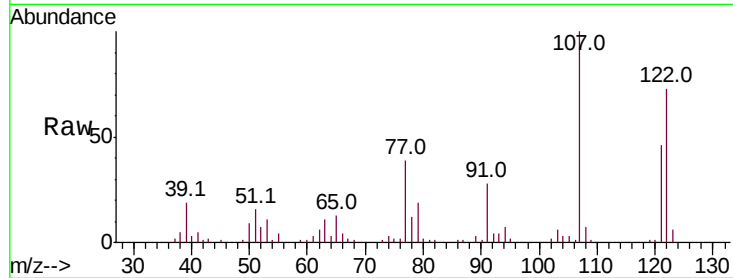
#27
 2,4-Dimethylphenol
 Concen: 50.397 ng
 RT: 9.50 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.1	116.2	174.4
121	63.0	49.1	73.7

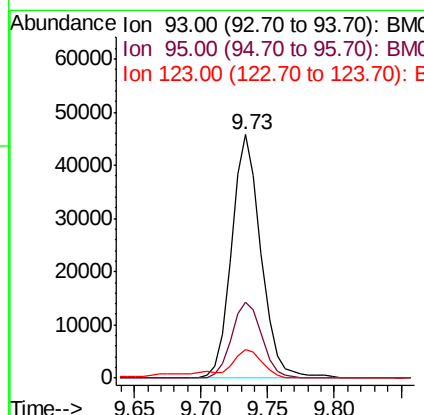
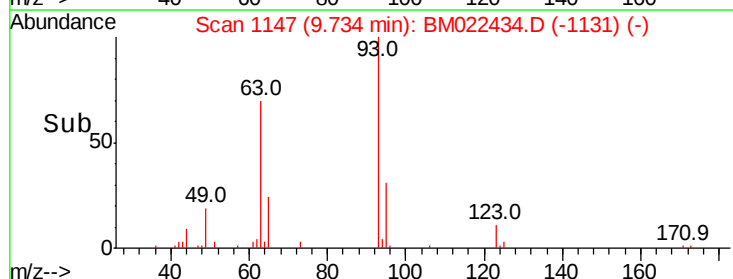
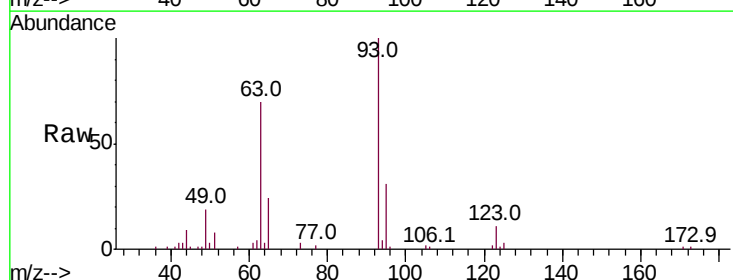
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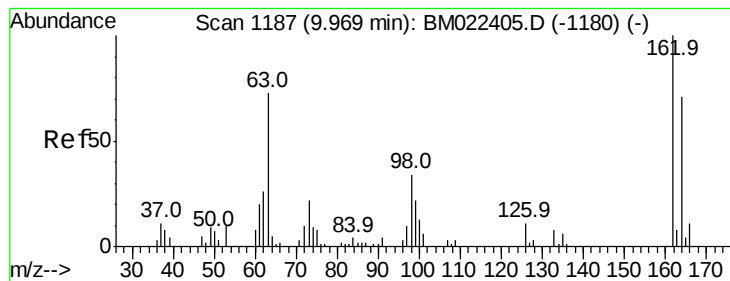
mohammad
 8/31/2019 2:43:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.904 ng
 RT: 9.73 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	27.5	41.3
123	11.5	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 43.477 ng

RT: 9.97 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

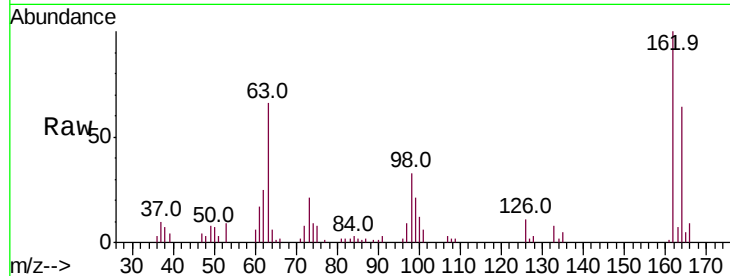
ClientSampleId :

PB122644BS

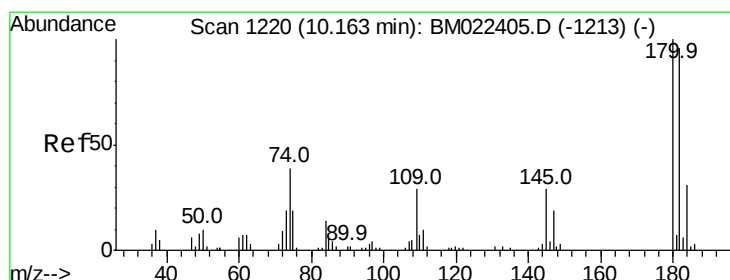
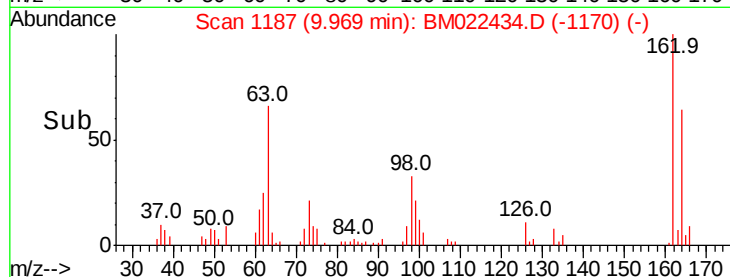
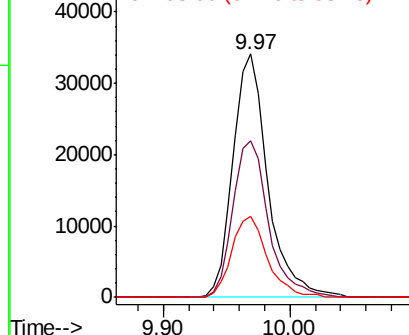
Tot Ion:	162	Resp:	65012
Ion Ratio	Lower	Upper	
162	100		
164	64.4	51.2	91.2
98	33.3	14.1	54.1

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



#30

1,2,4-Trichlorobenzene

Concen: 37.512 ng

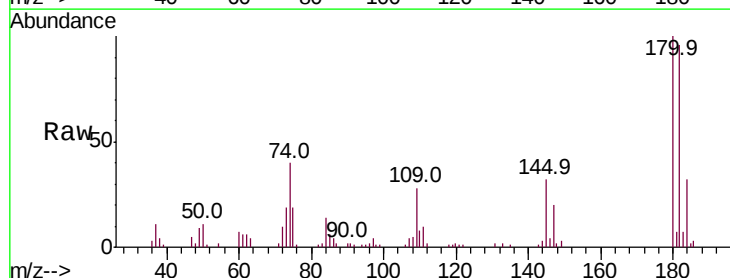
RT: 10.16 min Scan# 1219

Delta R.T. -0.01 min

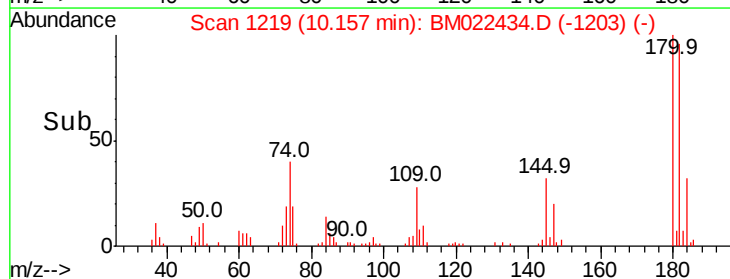
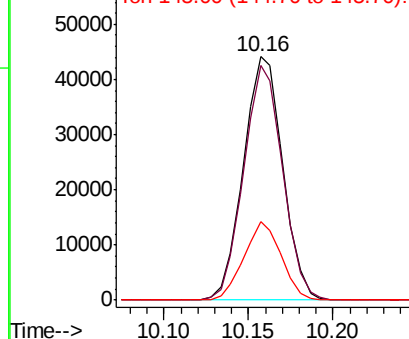
Lab File: BM022434.D

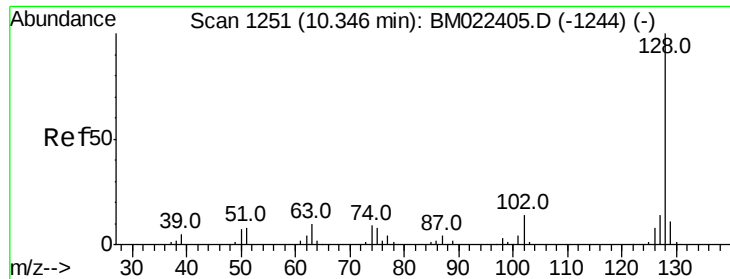
Acq: 30 Aug 2019 10:20

Tgt Ion:	180	Resp:	71428
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.0	115.4
145	32.2	23.0	34.6



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





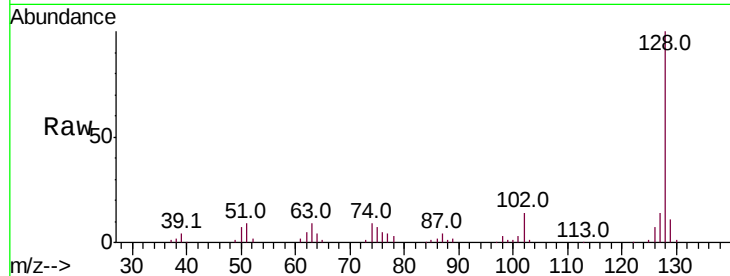
#31
Naphthalene
Concen: 39.358 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

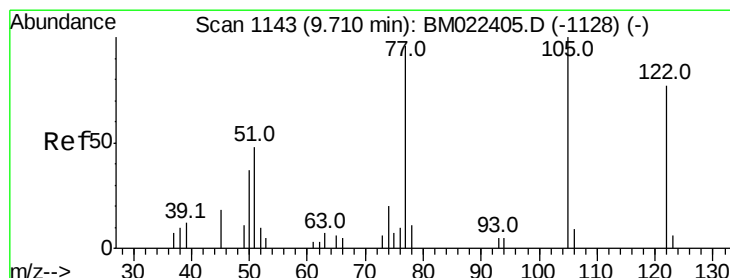
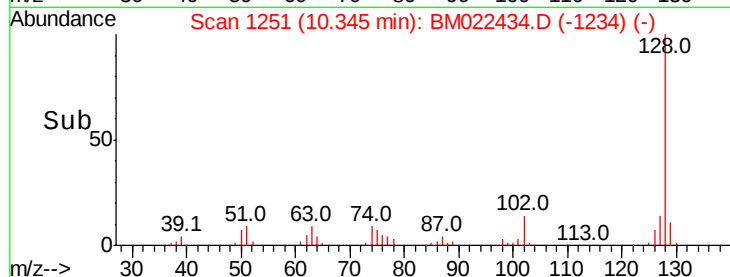
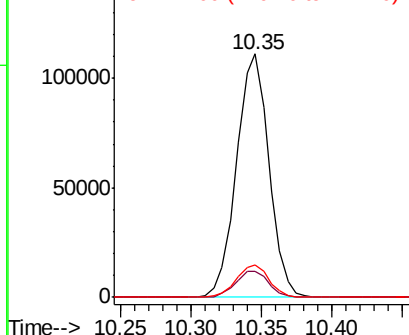
Tot Ion	Ratio	Resp	Lower	Upper
128	100	178153		
129	10.8	9.0	13.4	
127	13.6	11.0	16.4	

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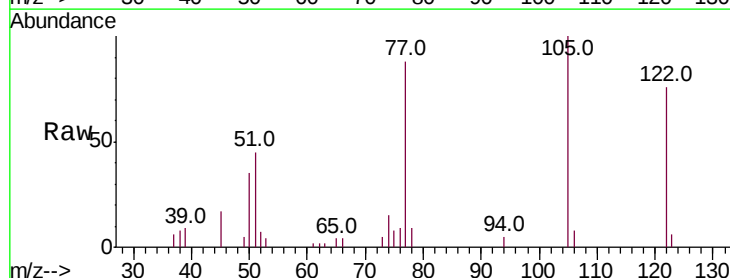


Abundance Ion 128.00 (127.70 to 128.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

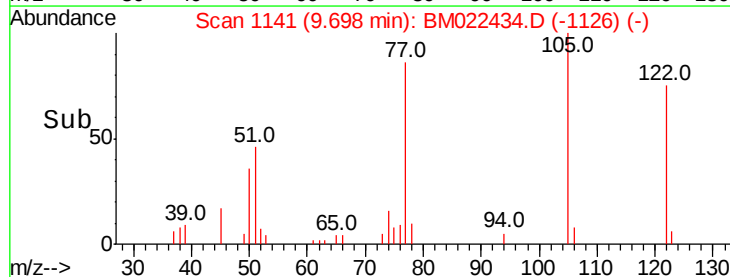
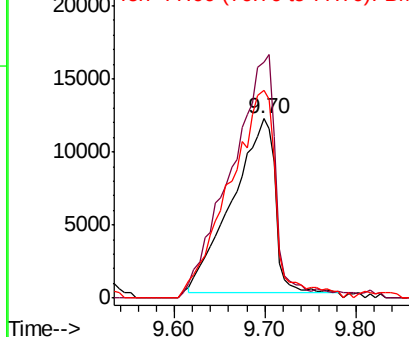


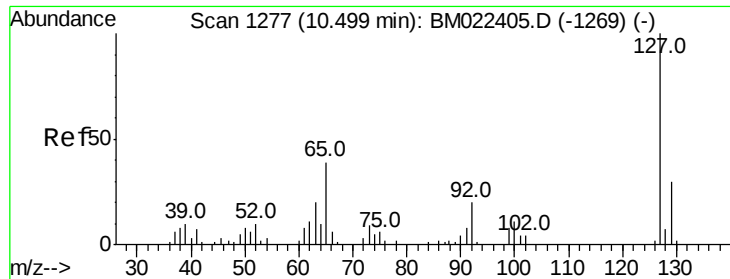
#32
Benzoic acid
Concen: 42.953 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	38665		
105	131.6	109.3	149.3	
77	115.6	105.5	145.5	



Abundance Ion 122.00 (121.70 to 122.70): E
20000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





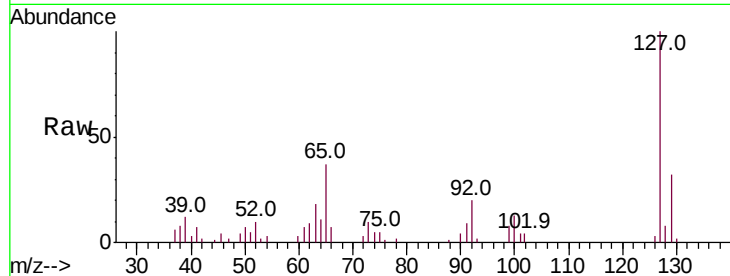
#33
 4-Chloroaniline
 Concen: 23.694 ng
 RT: 10.49 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

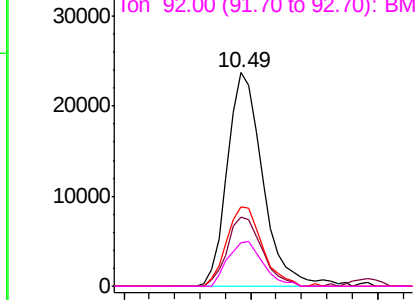
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.2	36.2
65	37.1	31.0	46.4
92	20.1	16.4	24.6

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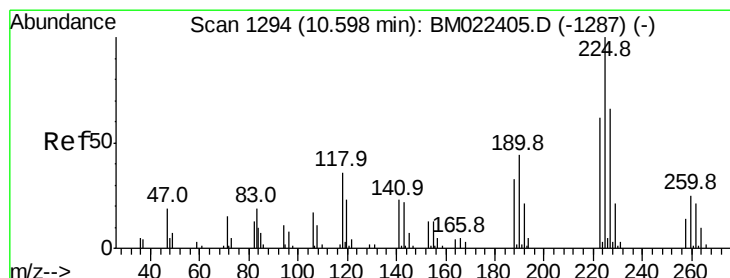
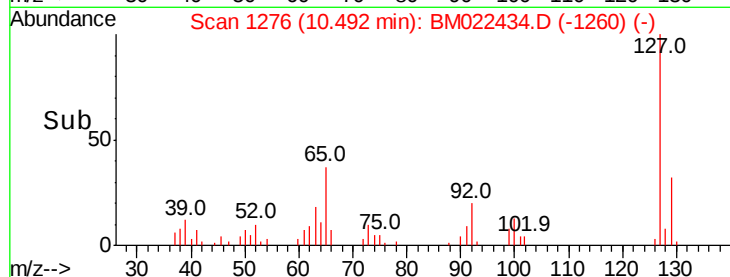
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Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BM
 Ion 92.00 (91.70 to 92.70): BM

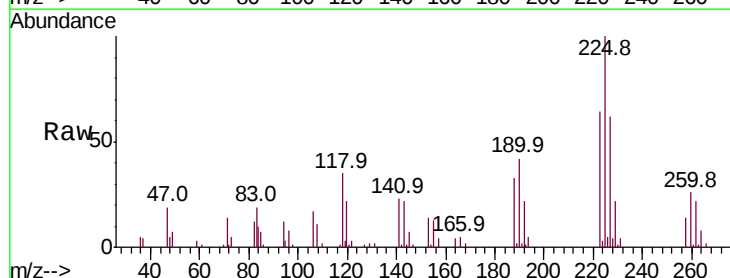


Time-->

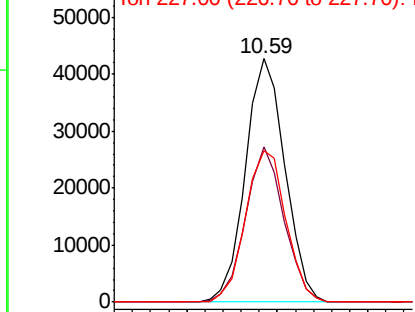


#34
 Hexachlorobutadiene
 Concen: 34.357 ng
 RT: 10.59 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

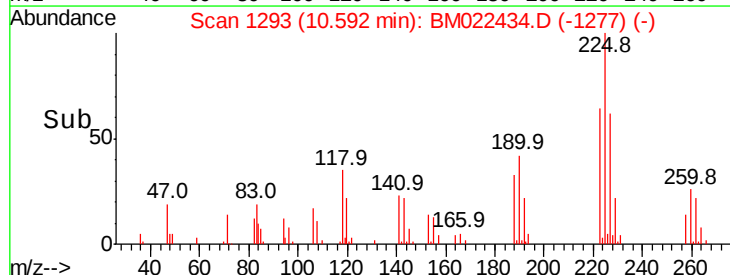
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.3	73.9
227	62.4	52.6	79.0

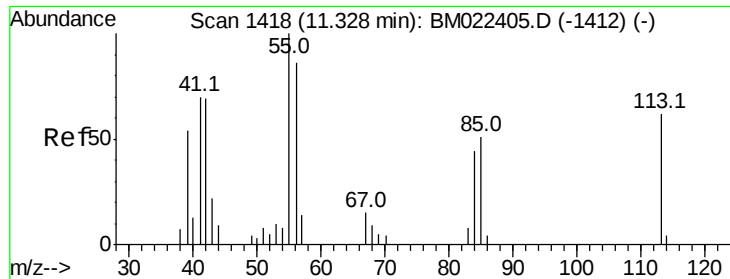


Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E



Time-->





#35

Caprolactam

Concen: 44.408 ng/ml

RT: 11.33 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

ClientSampleId :

PB122644BS

Tot Ion:113 Resp: 16878

Ion Ratio Lower Upper

113 100

55 136.8 140.0 180.0#

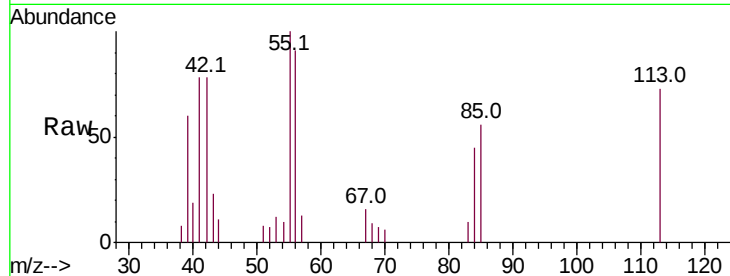
56 124.1 117.6 157.6

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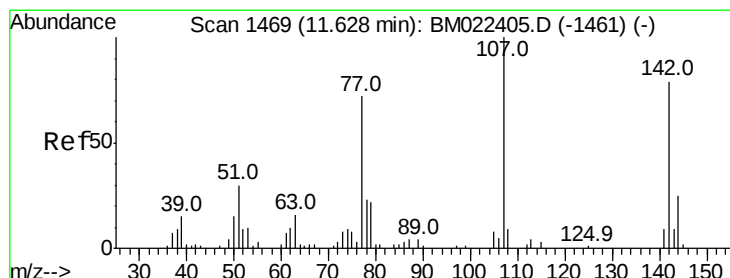
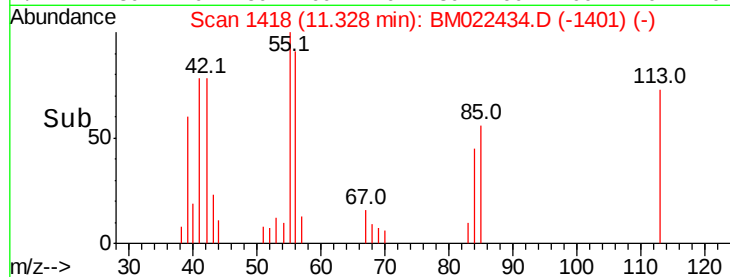
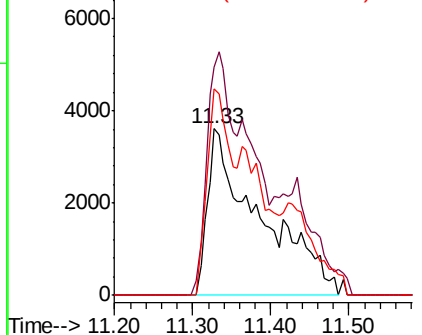
8/31/2019 2:43:46 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.548 ng/ml

RT: 11.63 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

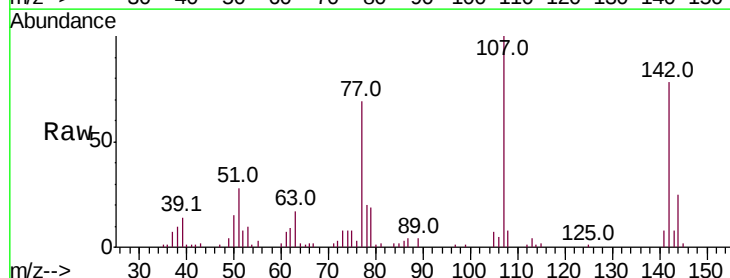
Tgt Ion:107 Resp: 68633

Ion Ratio Lower Upper

107 100

144 25.5 19.8 29.6

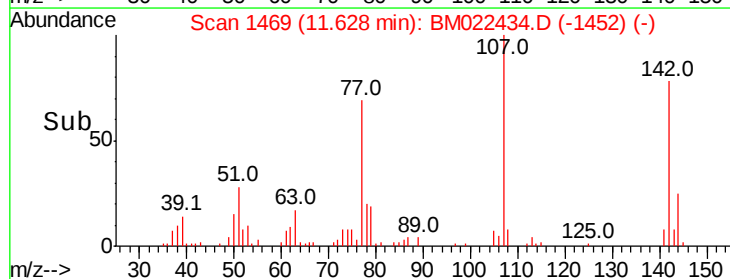
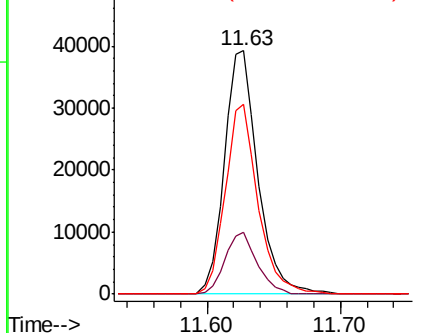
142 77.9 63.1 94.7

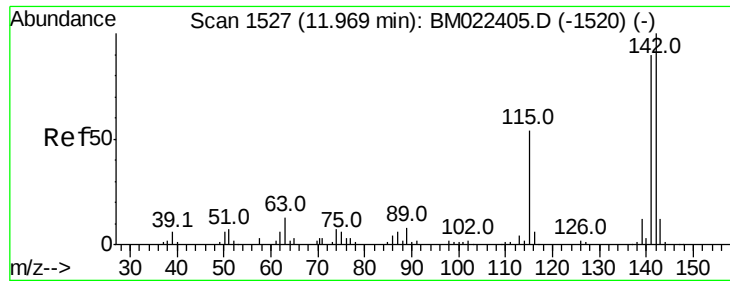


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





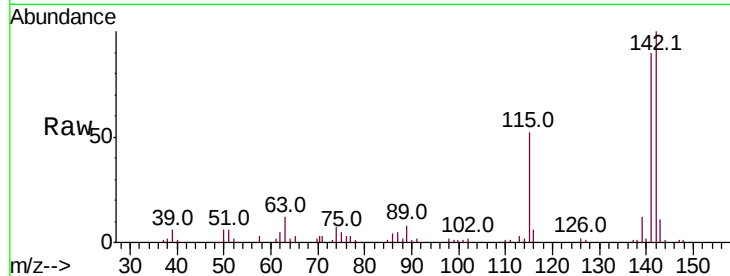
#37
2-Methylnaphthalene
Concen: 39.510 ng
RT: 11.97 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.2	108.2
115	51.9	43.2	64.8

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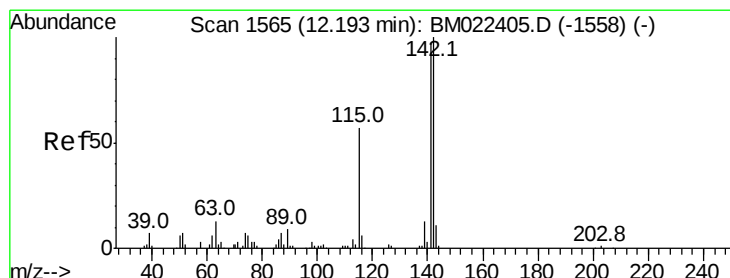
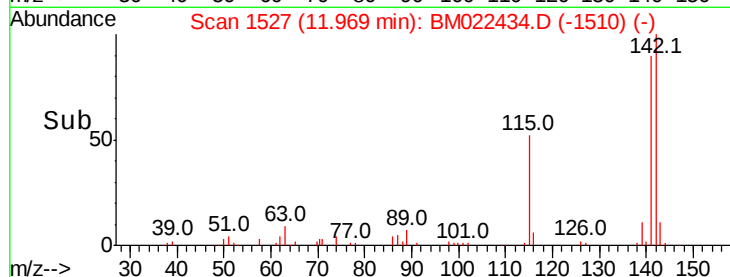
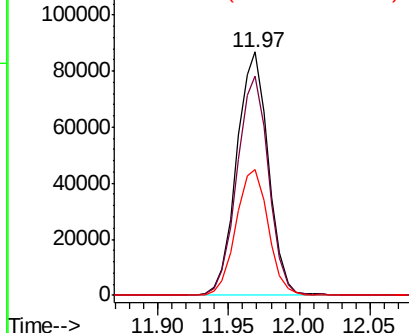


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.841 ng
RT: 12.19 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

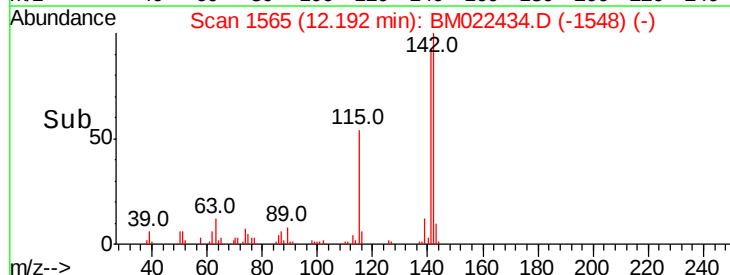
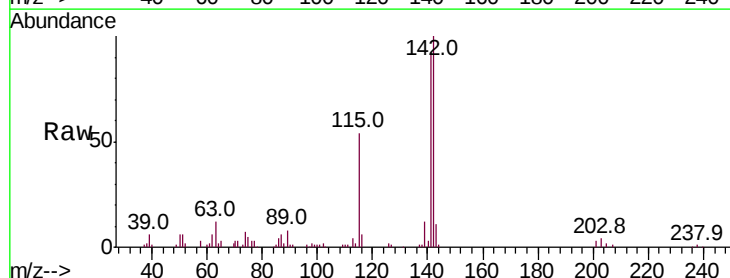
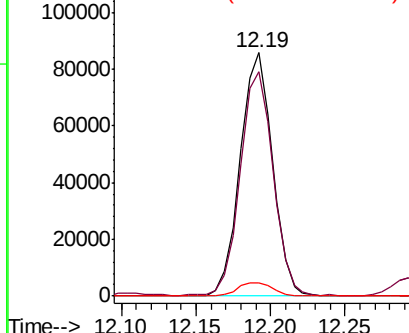
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	77.3	115.9
116	5.6	4.9	7.3

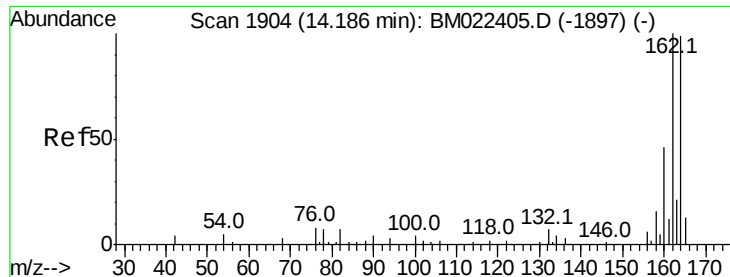
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





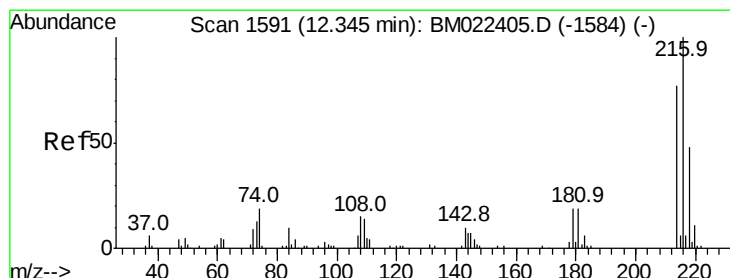
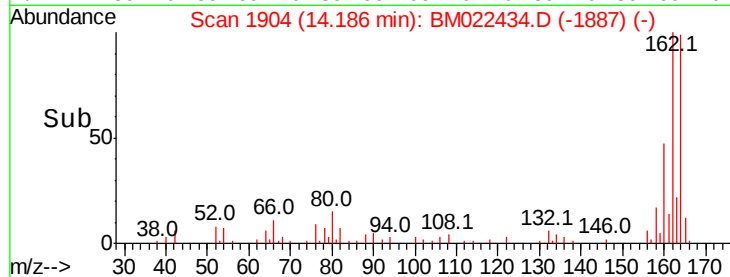
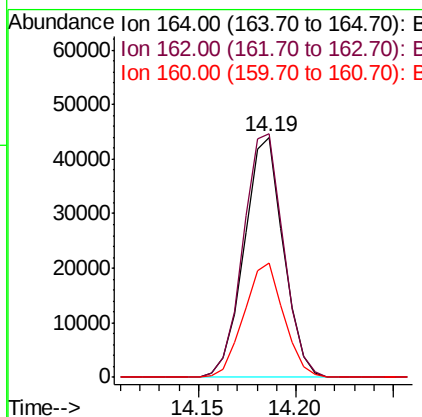
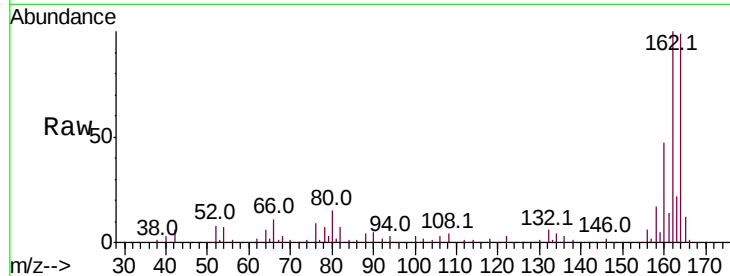
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	47.5	37.3	55.9

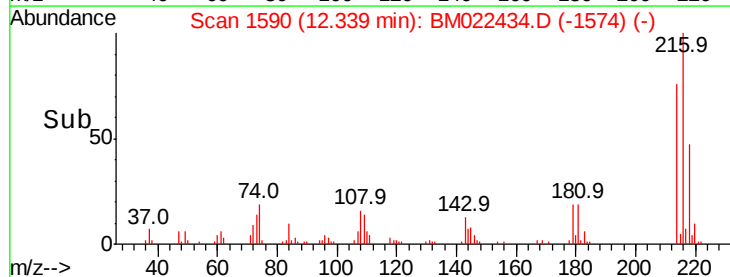
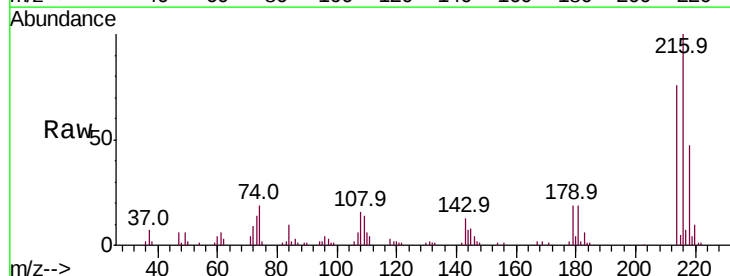
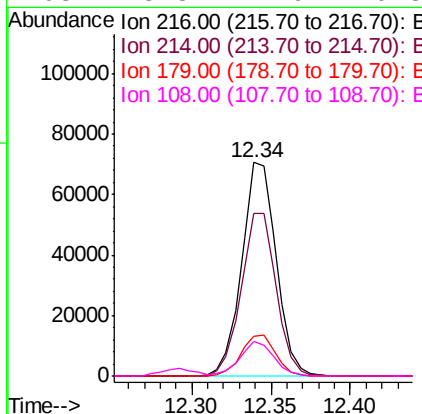
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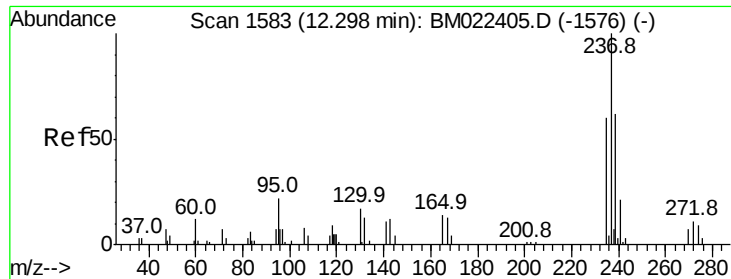
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.616 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.0	91.4
179	19.2	15.2	22.8
108	15.8	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 63.789 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

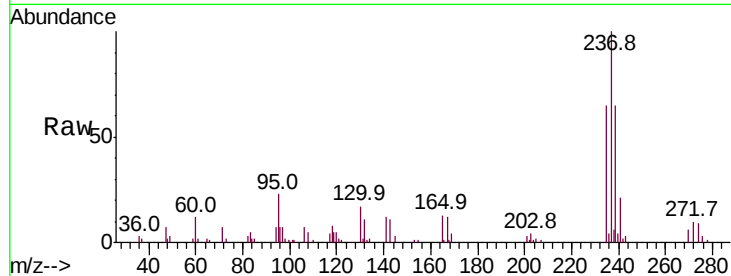
ClientSampleId :

PB122644BS

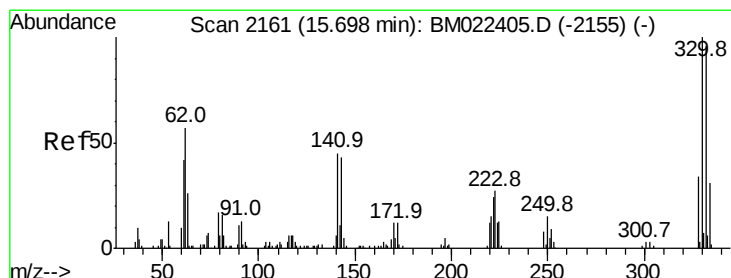
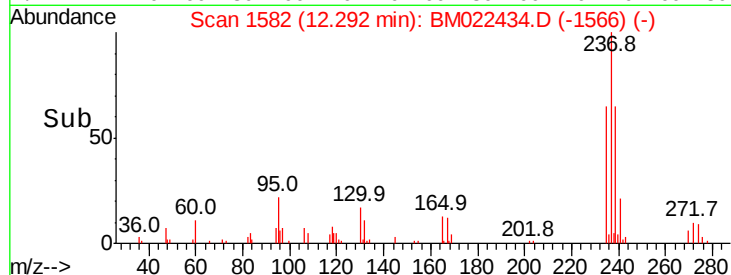
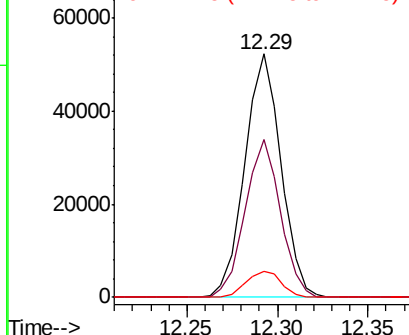
Tot Ion:	237	Resp:	72600
Ion Ratio	Lower	Upper	
237	100		
235	64.6	40.5	80.5
272	10.5	0.0	30.8

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



#42

2,4,6-Tribromophenol

Concen: 101.869 ng

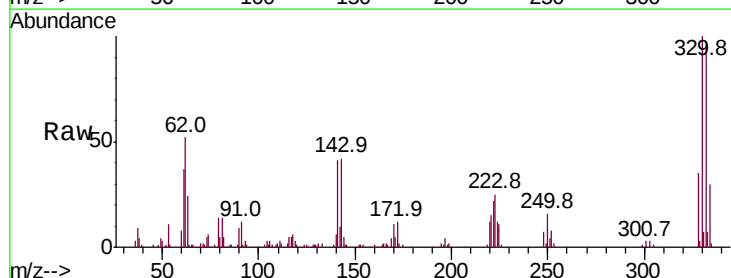
RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

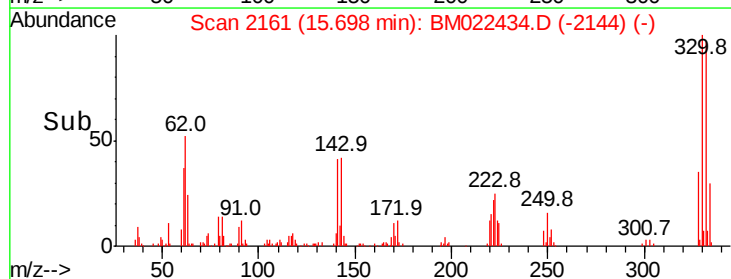
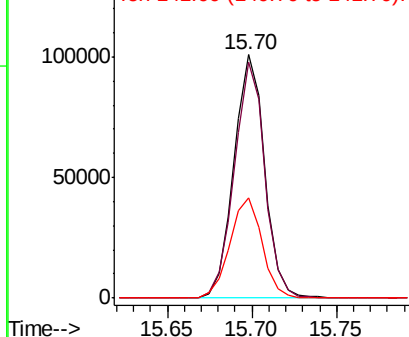
Lab File: BM022434.D

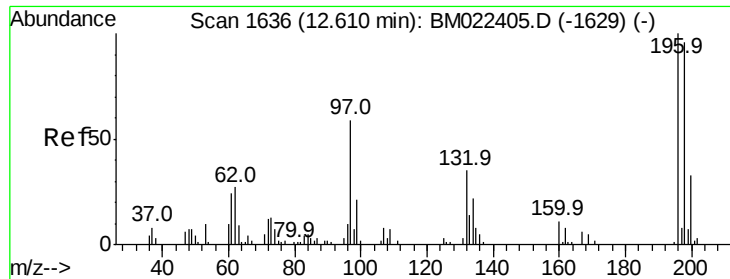
Acq: 30 Aug 2019 10:20

Tgt Ion:	330	Resp:	127369
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.8	116.8
141	43.1	35.6	53.4



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





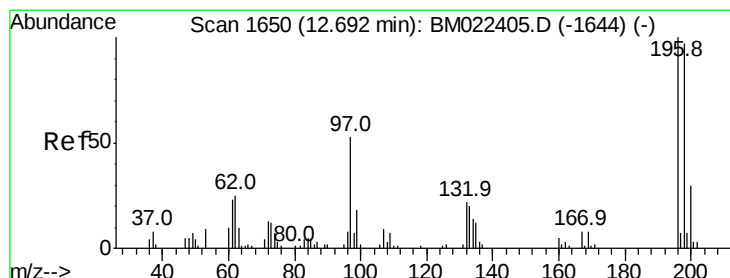
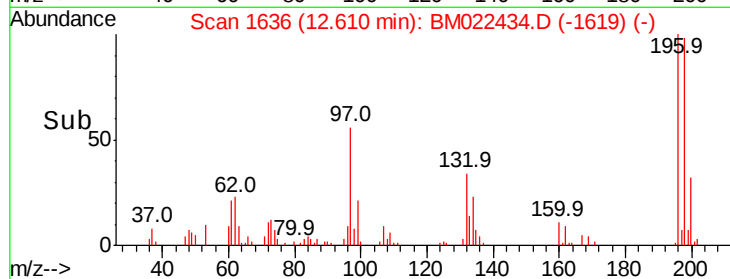
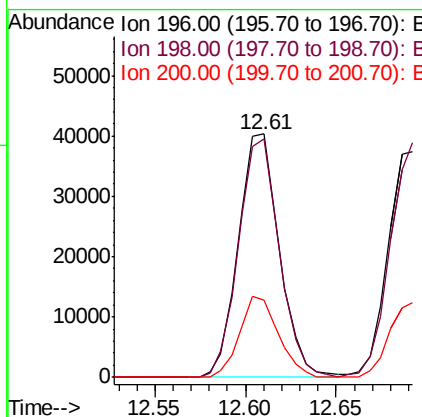
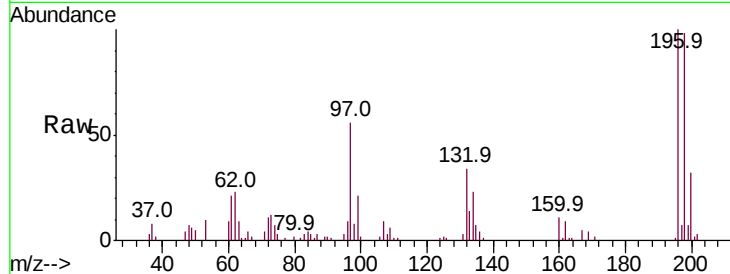
#43
 2,4,6-Trichlorophenol
 Concen: 40.607 ng
 RT: 12.61 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleID :
 PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63560		
198	97.9	77.0	115.6	
200	31.9	26.3	39.5	

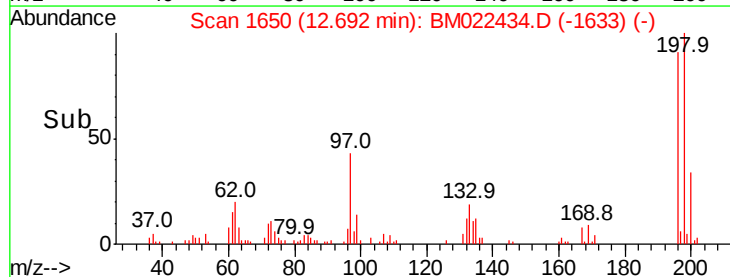
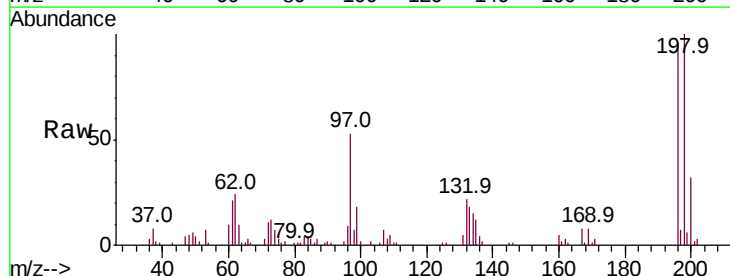
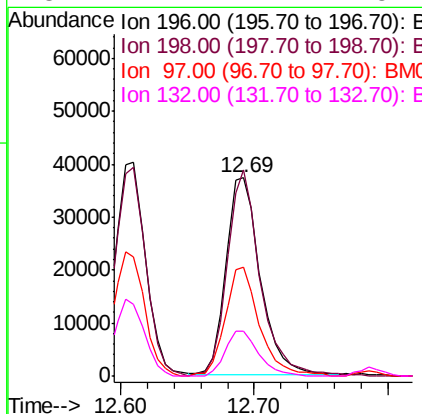
Manual Integrations
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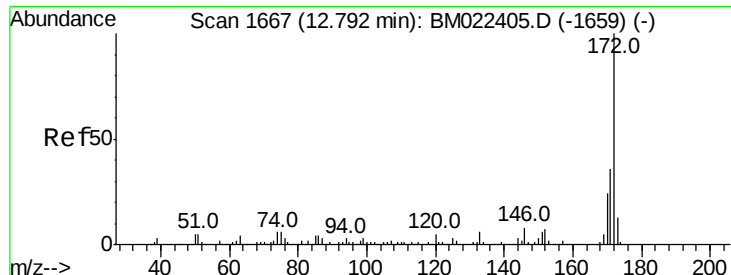
mohammad
 8/31/2019 2:43:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.809 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	66442		
198	104.1	76.6	115.0	
97	54.7	41.7	62.5	
132	22.4	17.1	25.7	





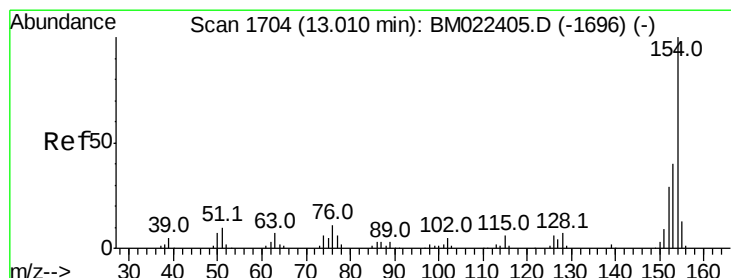
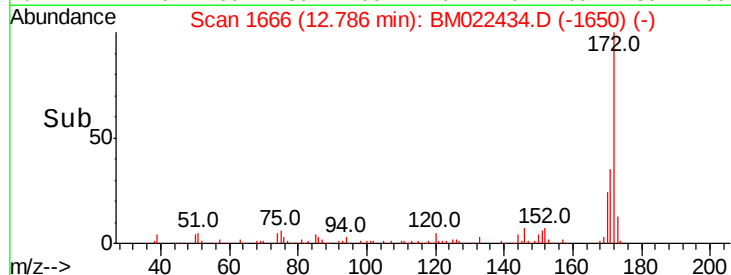
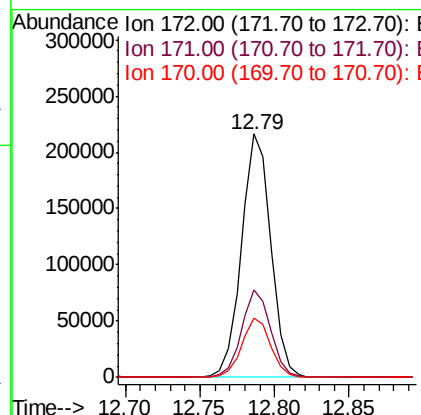
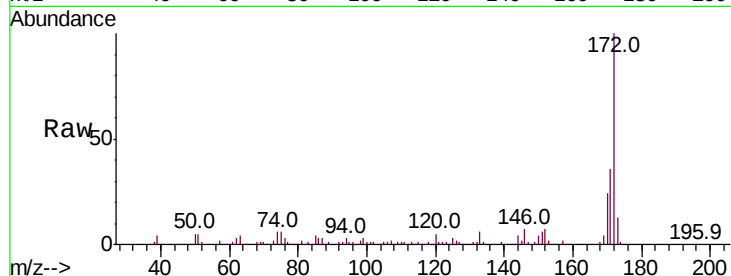
#45
2-Fluorobiphenyl
Concen: 54.718 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	295132		
171	35.8	28.5	42.7	
170	24.4	18.9	28.3	

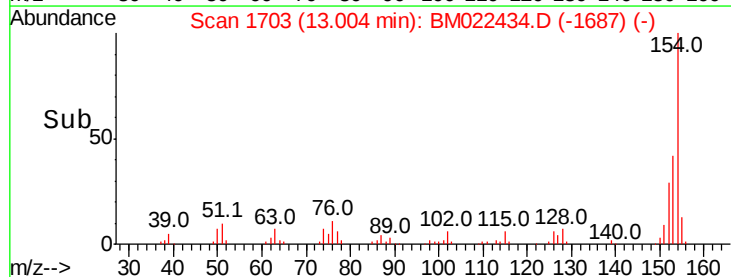
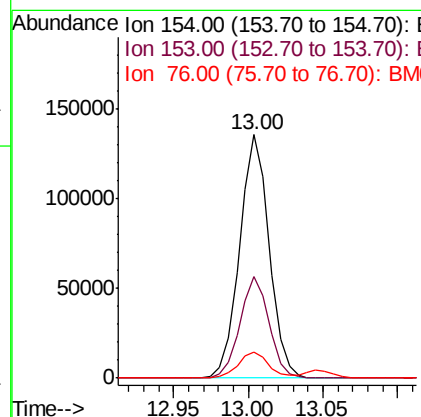
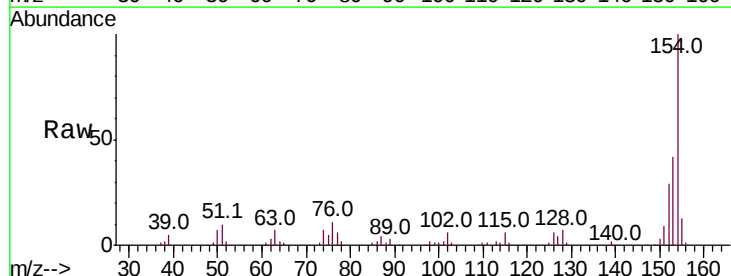
Manual Integrations
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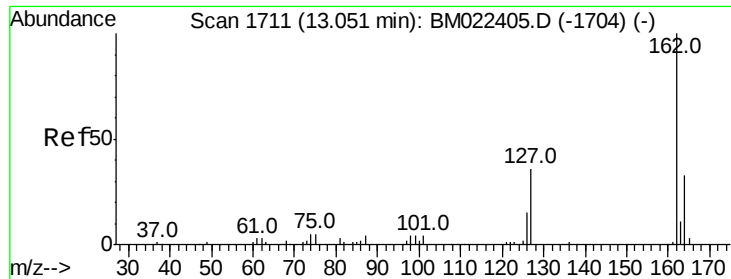
mohammad
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#46
1,1'-Biphenyl
Concen: 37.350 ng
RT: 13.00 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	186473		
153	41.7	20.4	60.4	
76	10.7	0.0	30.9	





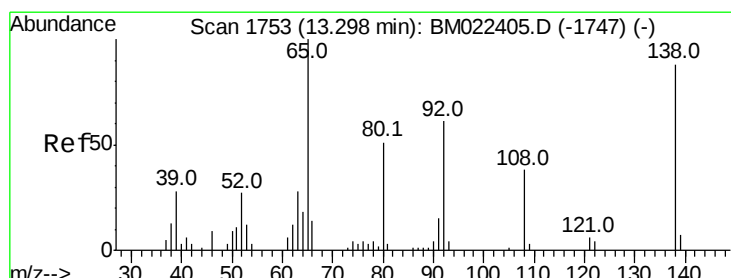
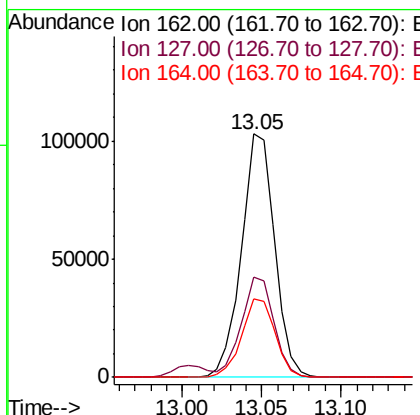
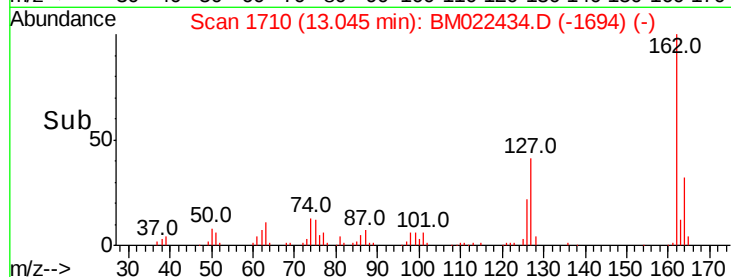
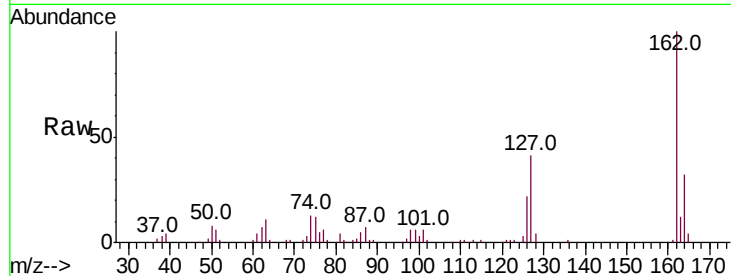
#47
 2-Chloronaphthalene
 Concen: 37.843 ng
 RT: 13.05 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampled :
 PB122644BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.3	32.6	49.0
164	32.2	26.2	39.4

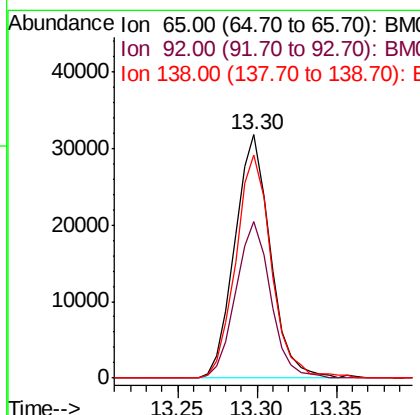
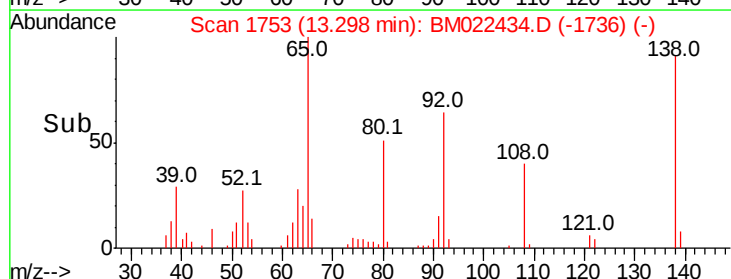
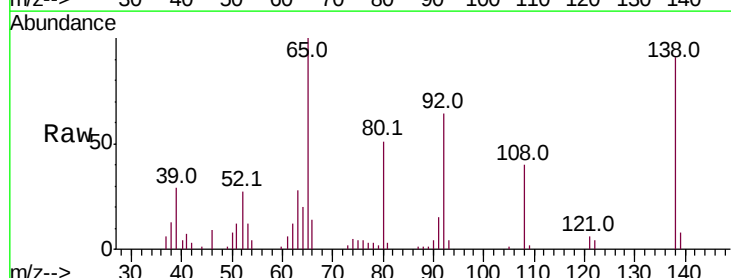
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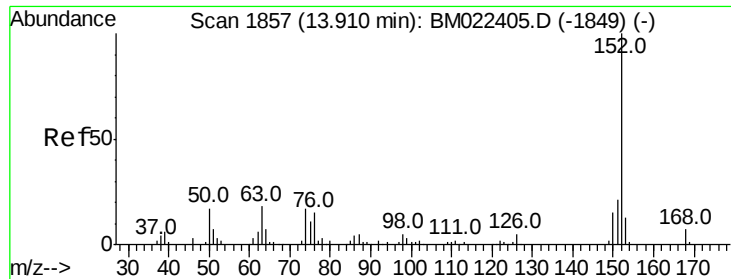
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#48
 2-Nitroaniline
 Concen: 38.819 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.4	49.1	73.7
138	91.5	70.4	105.6





#49

Acenaphthylene

Concen: 40.085 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

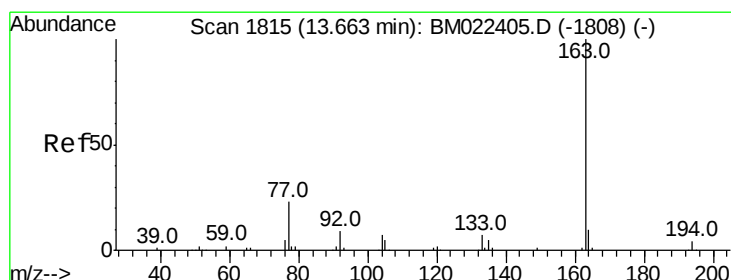
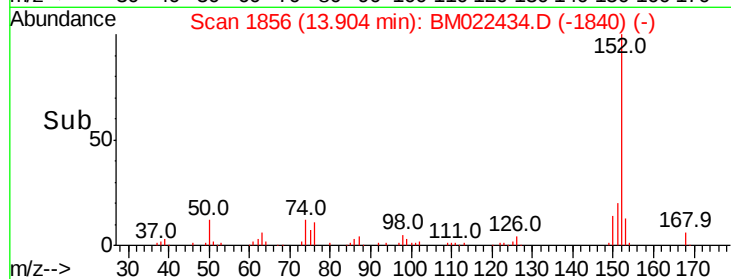
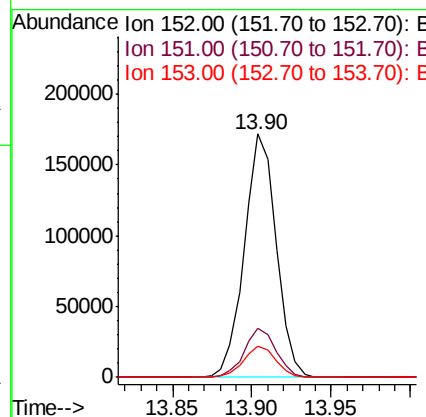
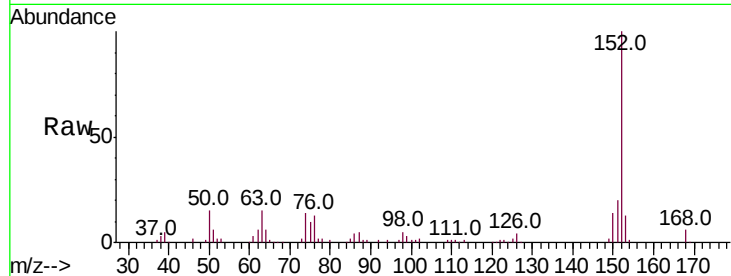
ClientSampleId :

PB122644BS

Tot Ion:	152	Resp:	239834
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.9	25.3
153	12.9	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.873 ng

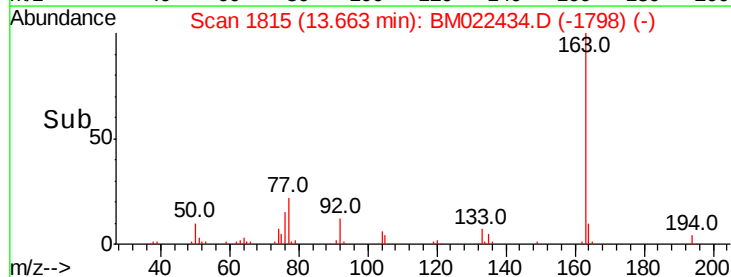
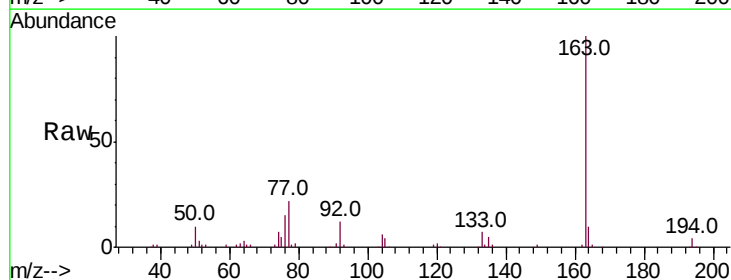
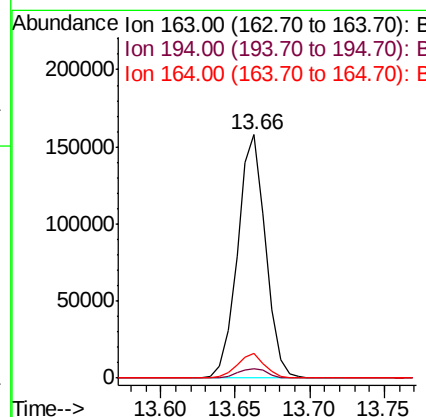
RT: 13.66 min Scan# 1815

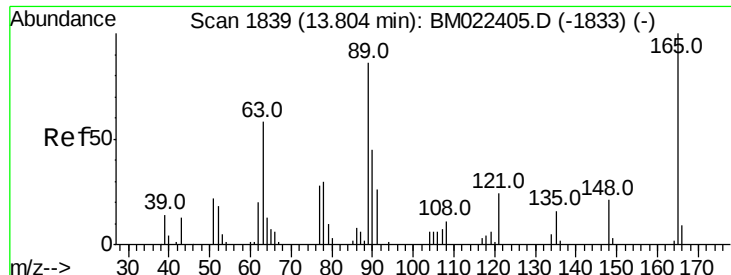
Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	163	Resp:	206586
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	10.2	8.2	12.2





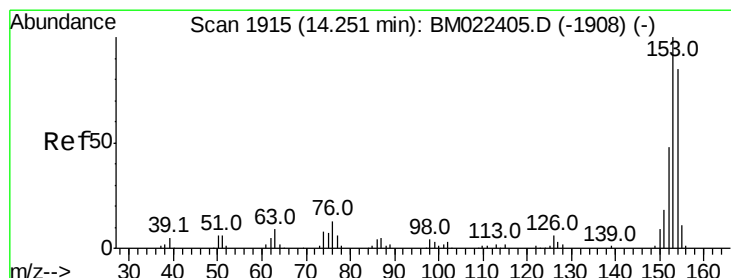
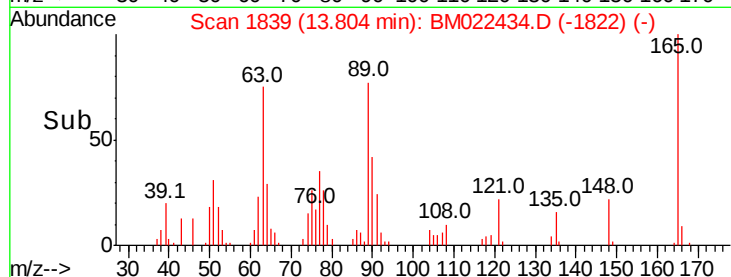
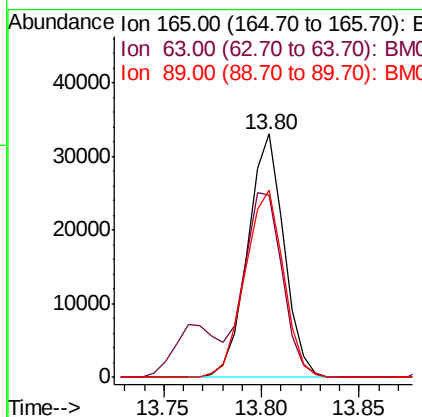
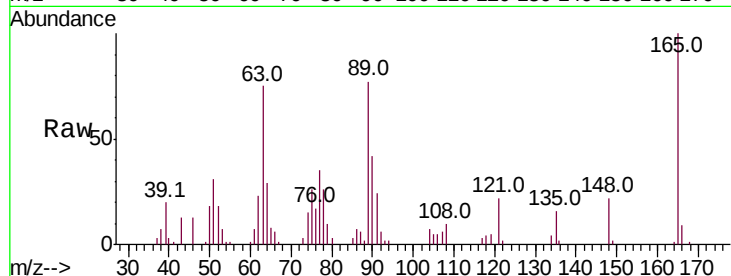
#51
2,6-Dinitrotoluene
Concen: 40.677 ng
RT: 13.80 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	42465		
63	74.8		65.4	98.2
89	76.7		69.0	103.6

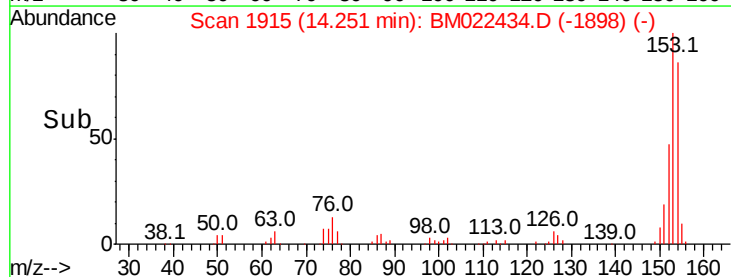
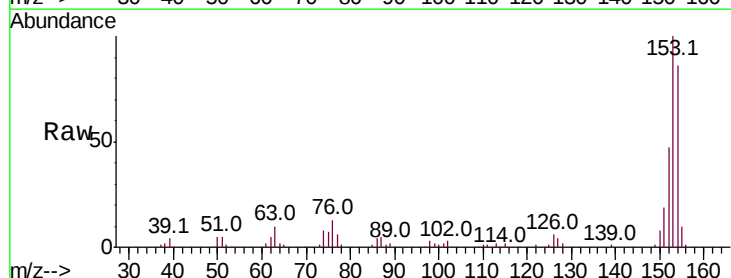
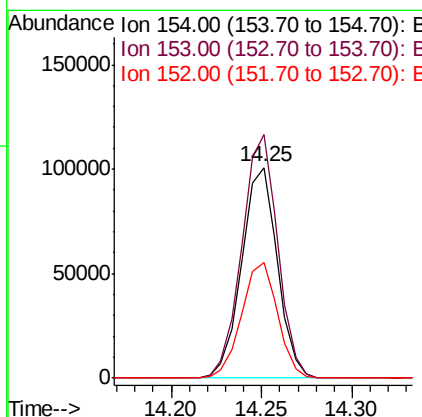
Manual Integrations
APPROVED

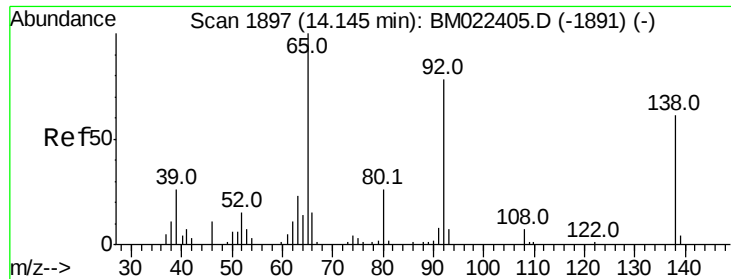
mohammad
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#52
Acenaphthene
Concen: 38.471 ng
RT: 14.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	138046		
153	115.7		94.3	141.5
152	54.8		45.4	68.2





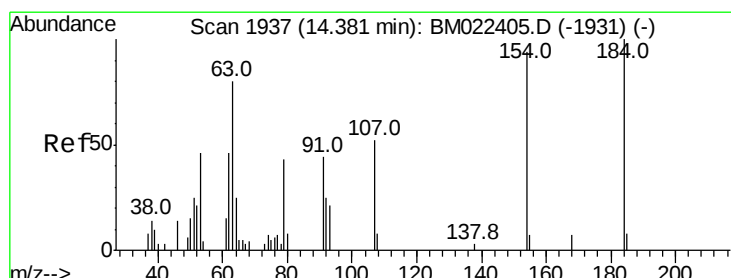
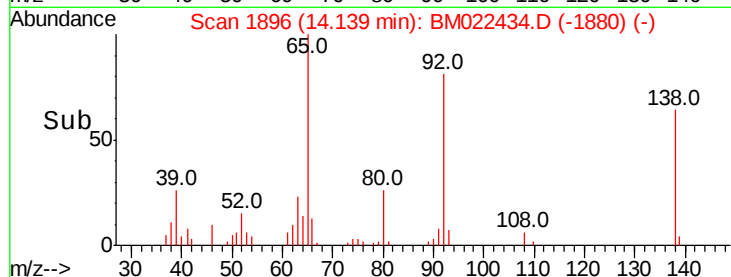
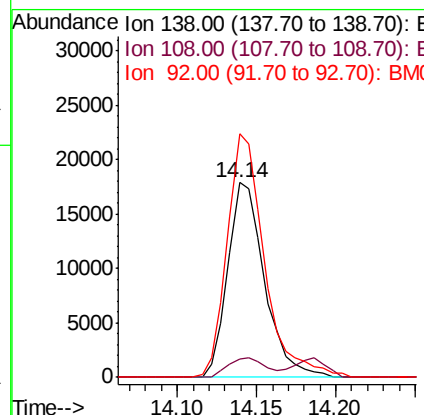
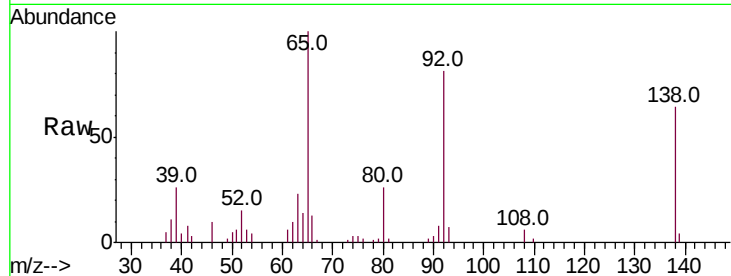
#53
3-Nitroaniline
Concen: 28.737 ng
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	9.1	13.7
92	125.0	103.3	154.9

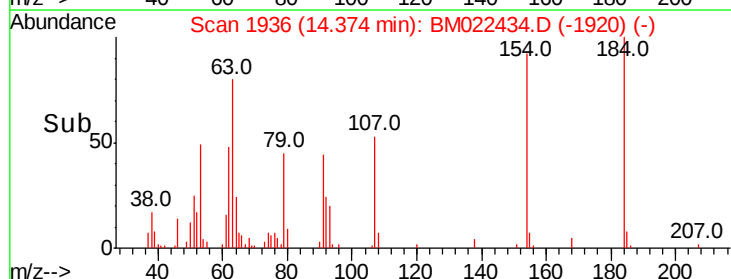
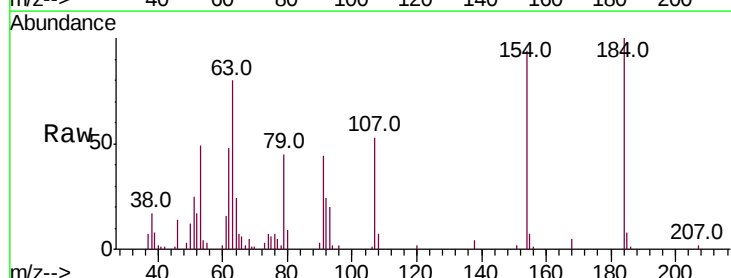
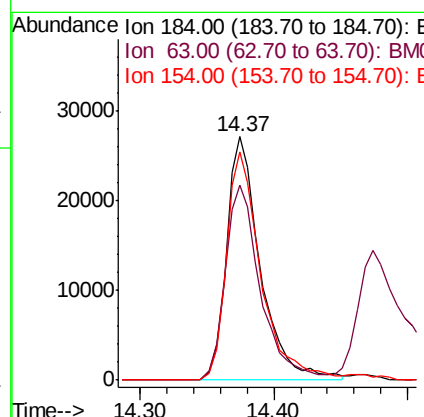
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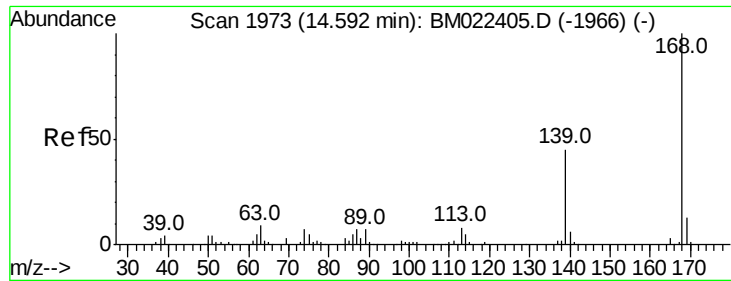
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#54
2,4-Dinitrophenol
Concen: 77.045 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.3	63.8	95.8
154	94.0	75.0	112.6





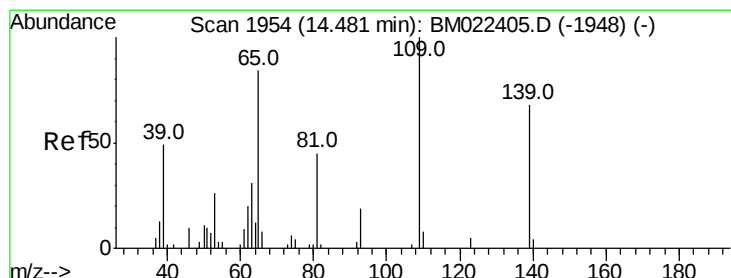
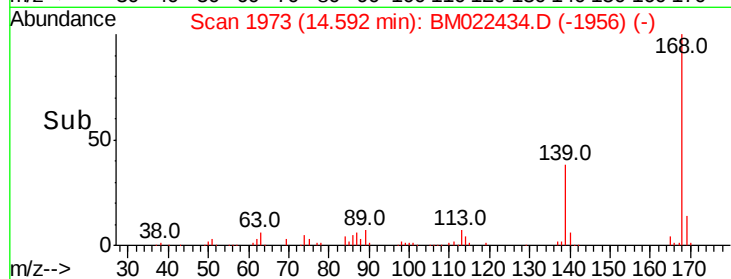
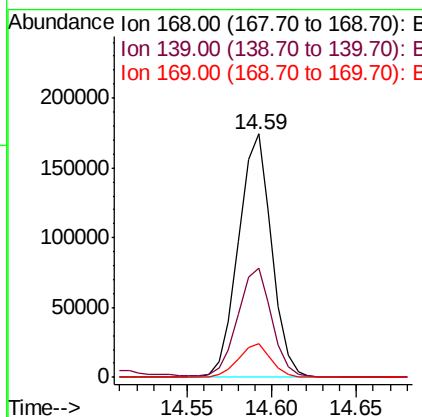
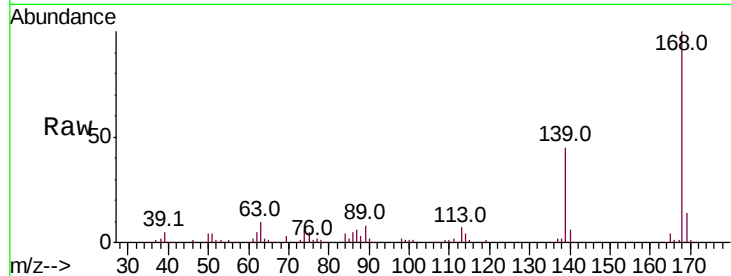
#55
Dibenzenofuran
Concen: 39.374 ng
RT: 14.59 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.8	36.1	54.1	
169	13.7	10.4	15.6	

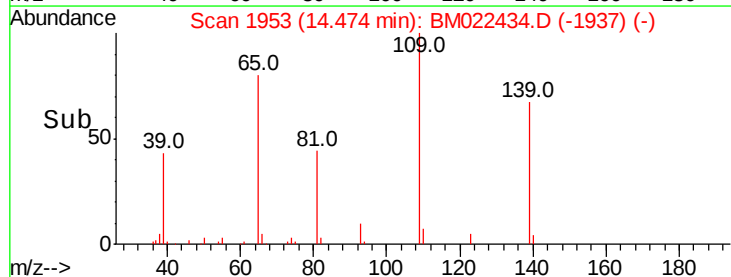
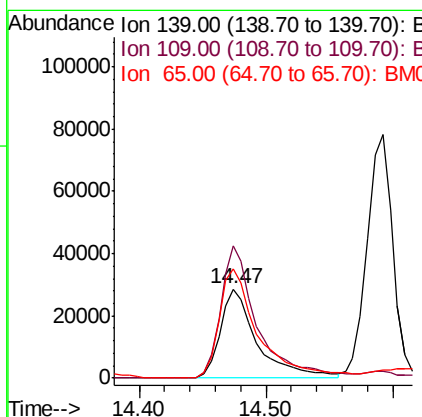
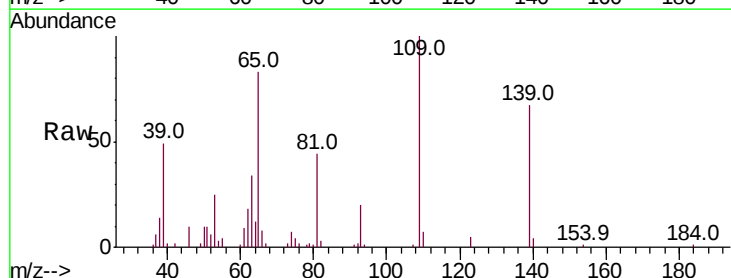
Manual Integrations
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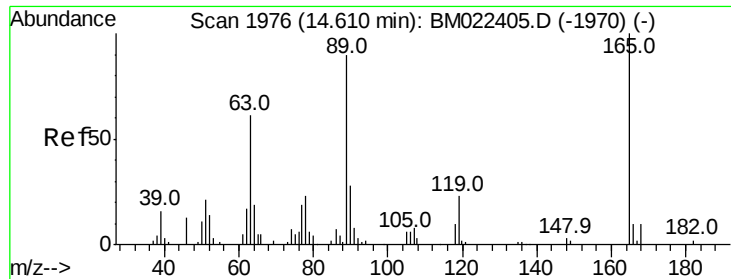
mohammad
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#56
4-Nitrophenol
Concen: 85.173 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	148.9	128.0	168.0	
65	123.2	104.3	144.3	





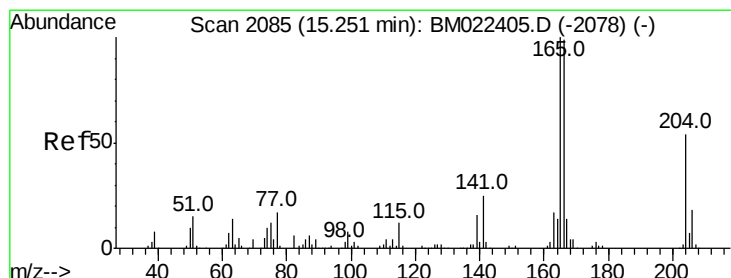
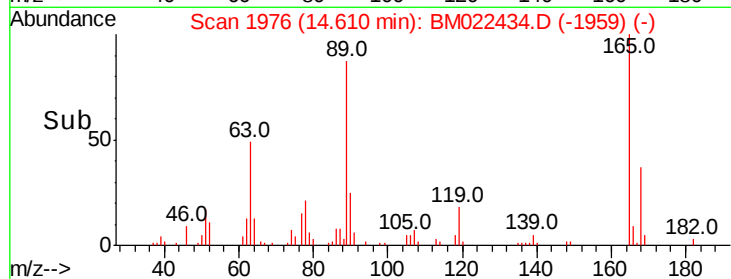
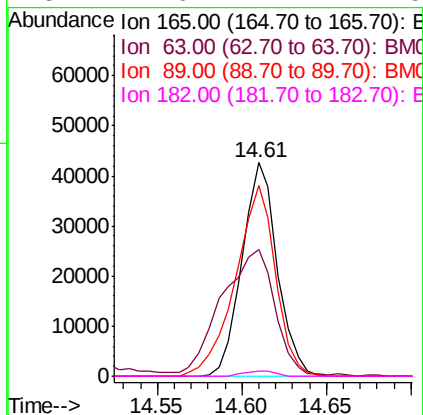
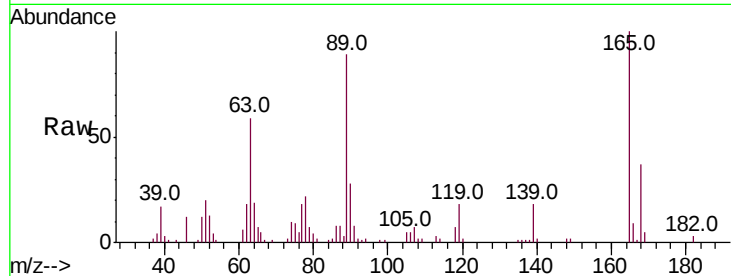
#57
2,4-Dinitrotoluene
Concen: 41.168 ng
RT: 14.61 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.2	54.6	82.0
89	89.3	74.5	111.7
182	2.6	1.7	2.5#

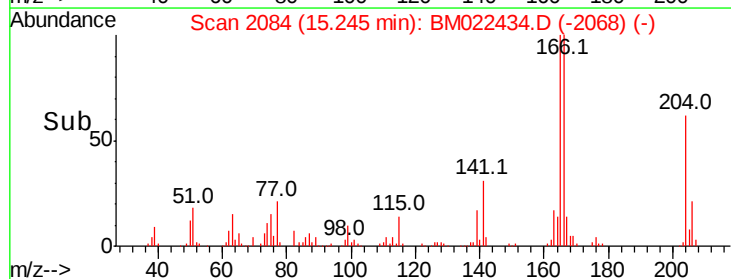
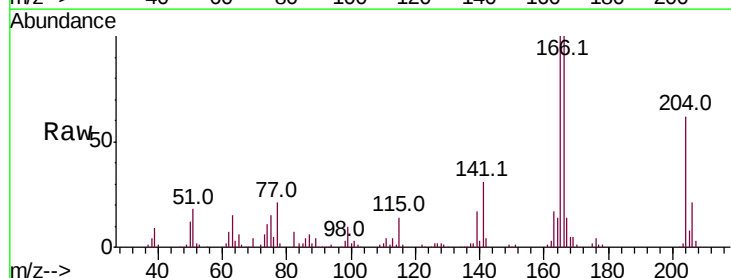
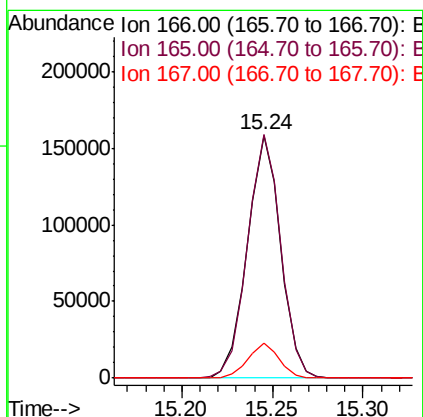
Manual Integrations
APPROVED

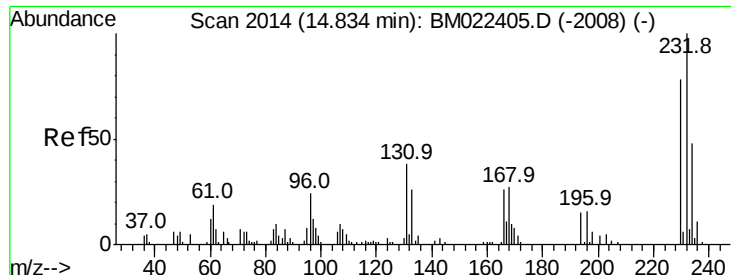
mohammad
8/31/2019 2:43:46 PM



#58
Fluorene
Concen: 37.363 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.1	121.7
167	14.3	11.1	16.7





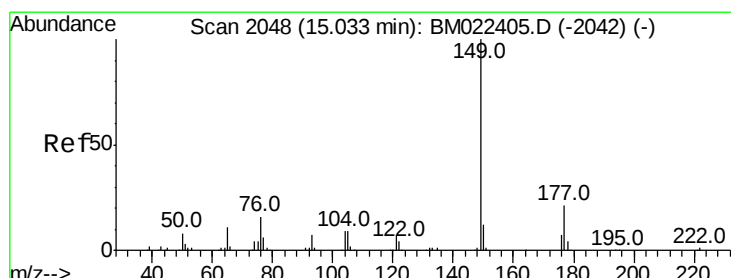
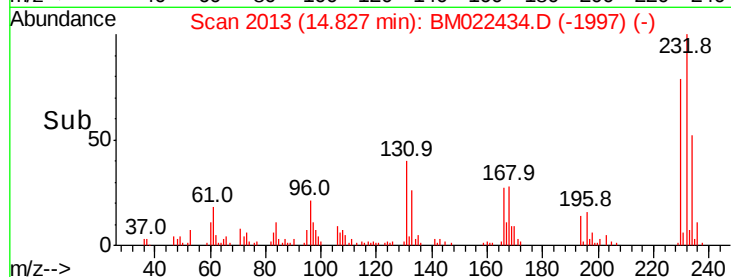
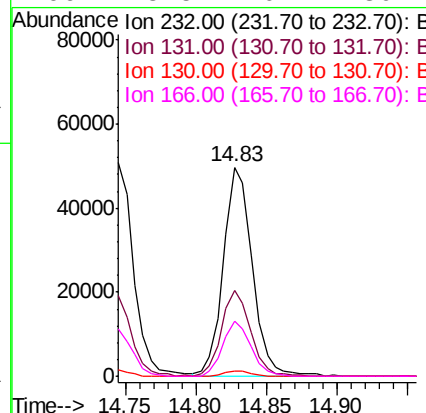
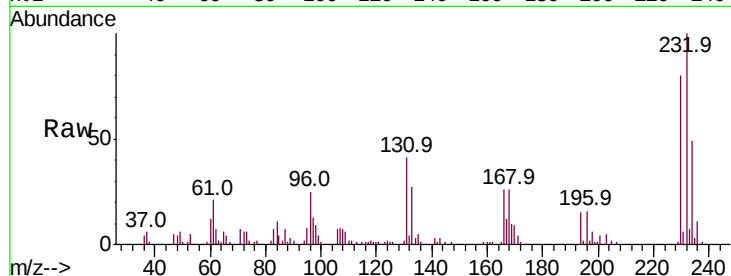
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.684 ng
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	71160		
131	41.2		32.0	48.0
130	2.5		2.4	3.6
166	25.5		20.2	30.2

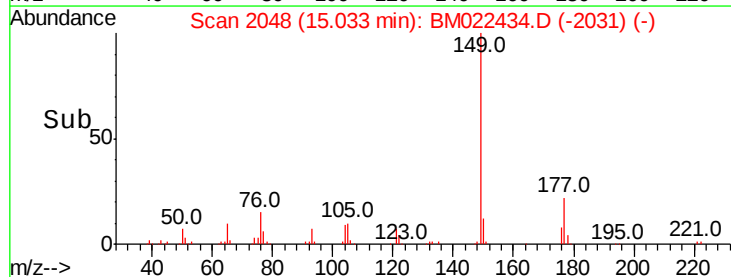
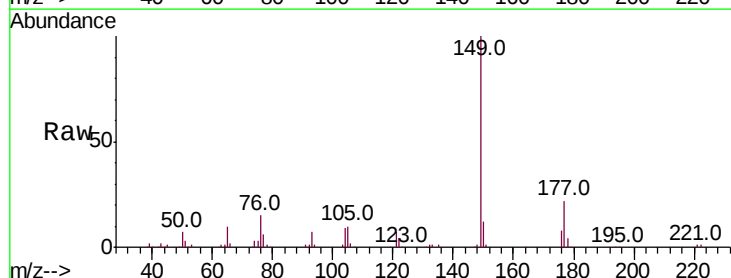
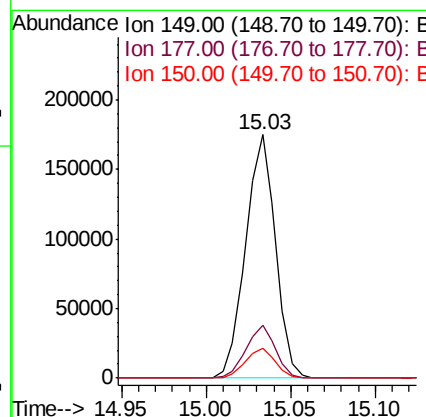
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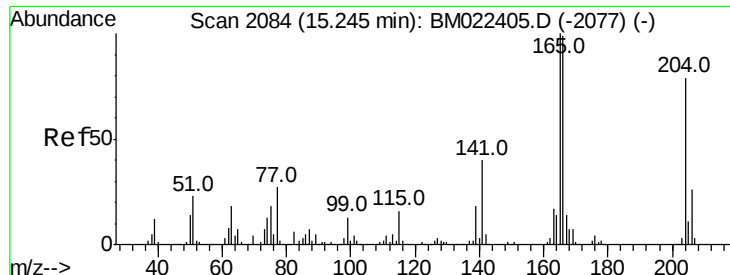
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#60
 Diethylphthalate
 Concen: 38.893 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	215896		
177	21.6		16.6	25.0
150	12.4		9.8	14.8





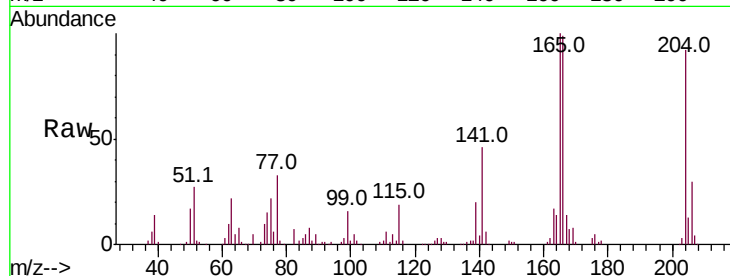
#61
4-Chlorophenyl-phenylether
Concen: 35.711 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampled :
PB122644BS

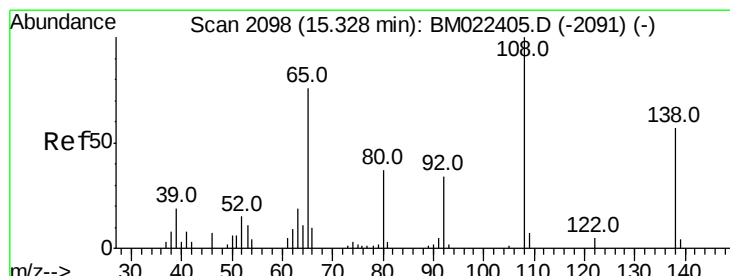
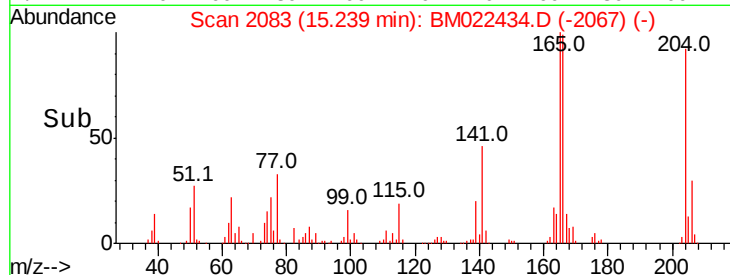
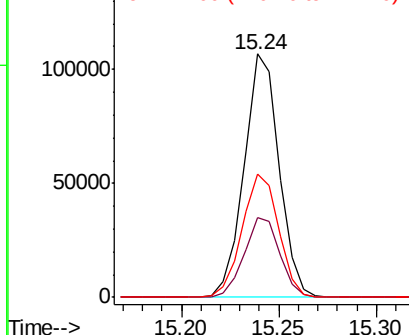
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.4
141	50.4	40.6	60.8

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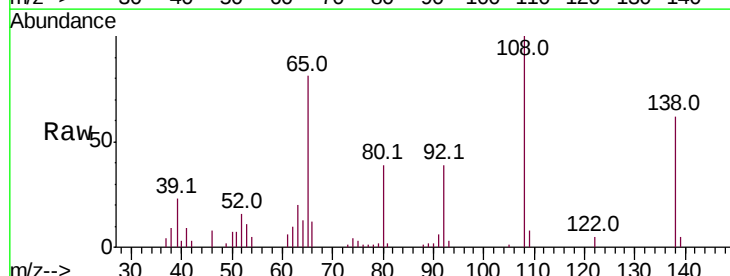


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

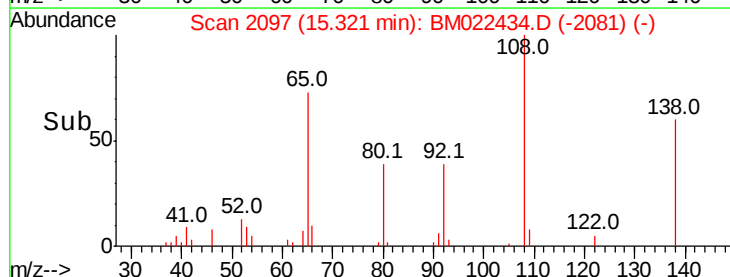
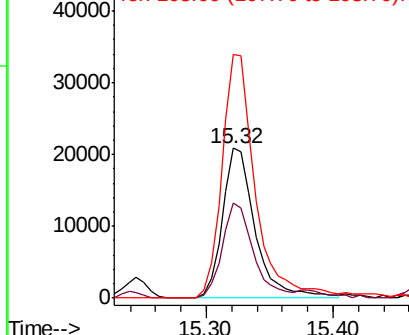


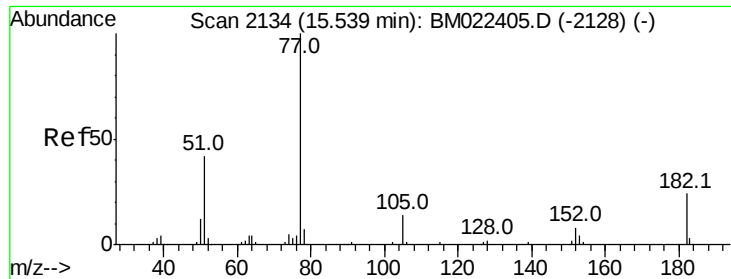
#62
4-Nitroaniline
Concen: 39.798 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.6	40.5	80.5
108	162.4	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





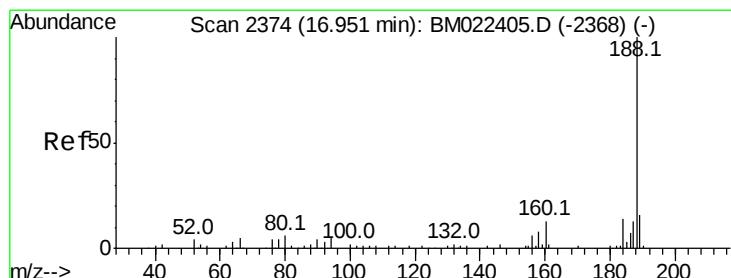
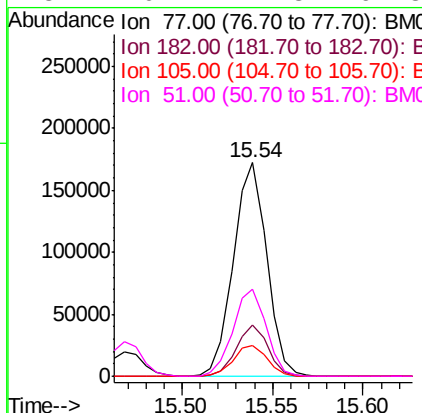
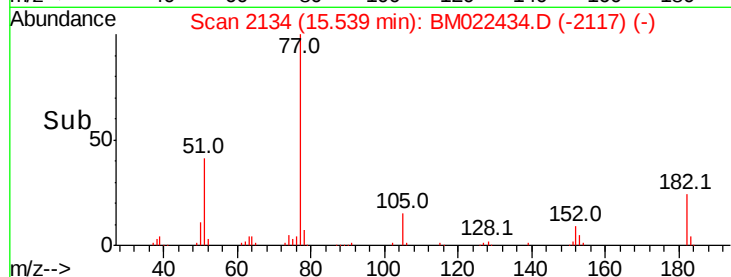
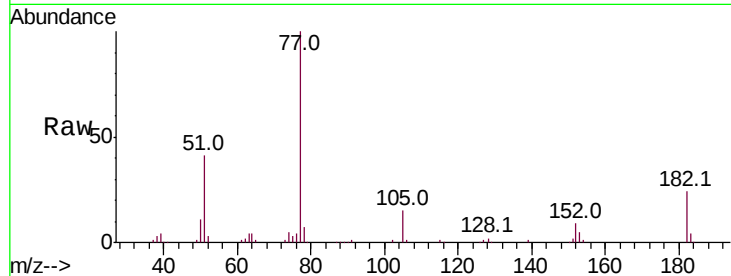
#63
Azobenzene
Concen: 39.869 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.7	3.5	43.5
105	14.5	0.0	34.2
51	40.7	21.8	61.8

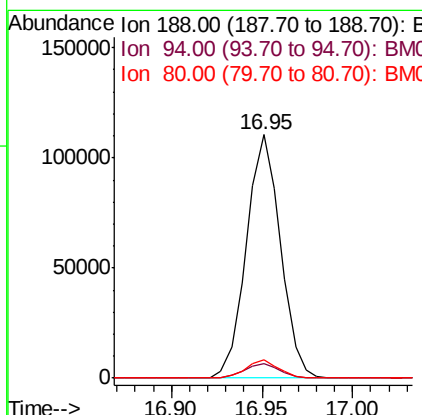
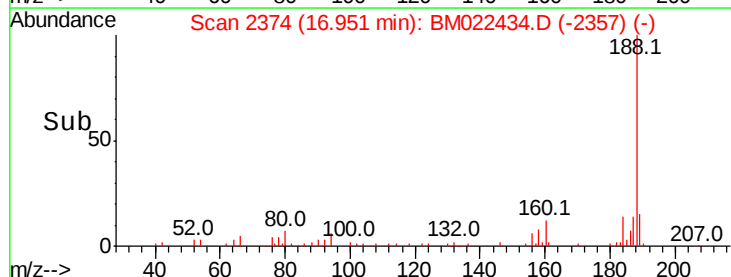
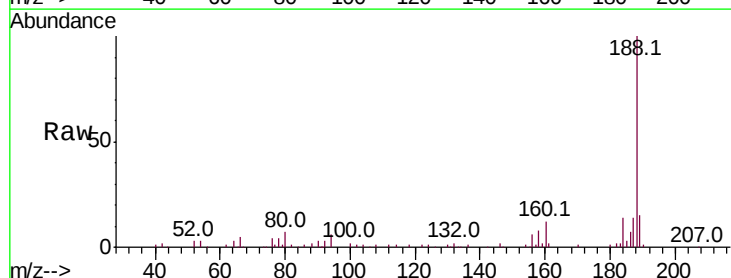
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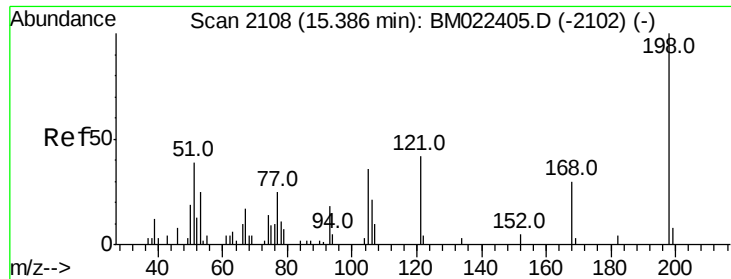
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.4	6.6
80	7.5	5.0	7.6





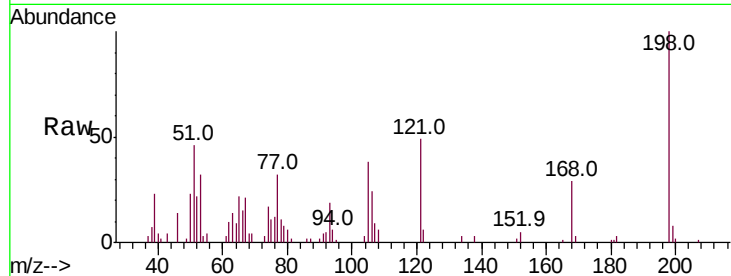
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.197 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

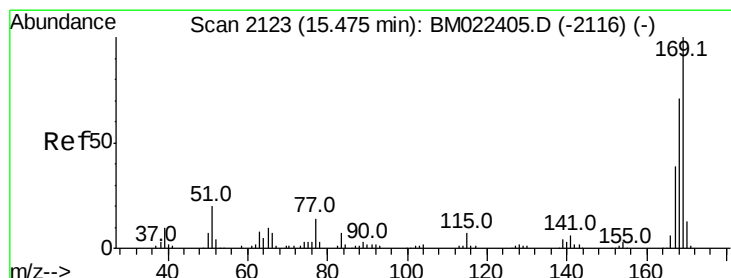
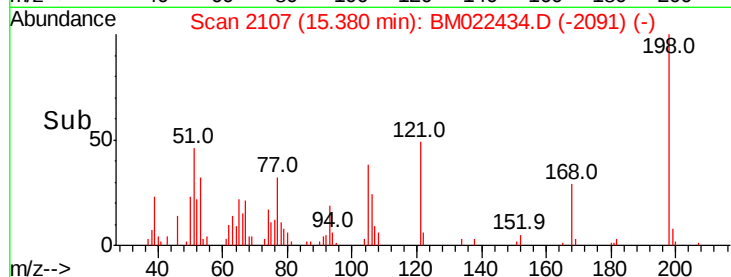
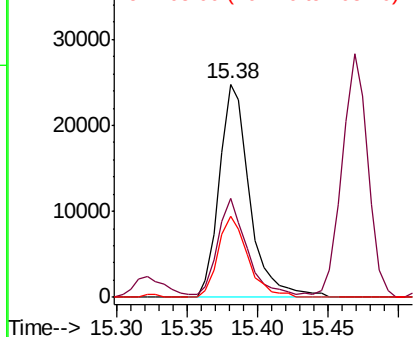
Tot Ion	Ratio	Resp	Lower	Upper
198	100	37208		
51	46.2		21.0	61.0
105	38.3		16.1	56.1

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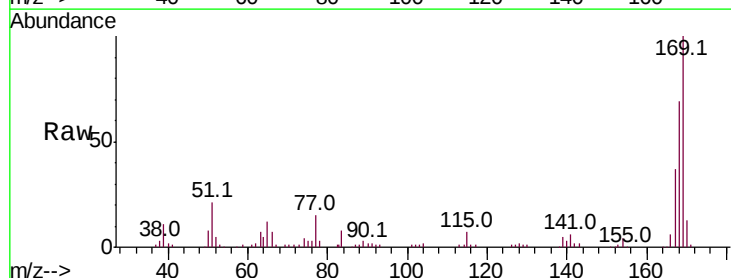


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

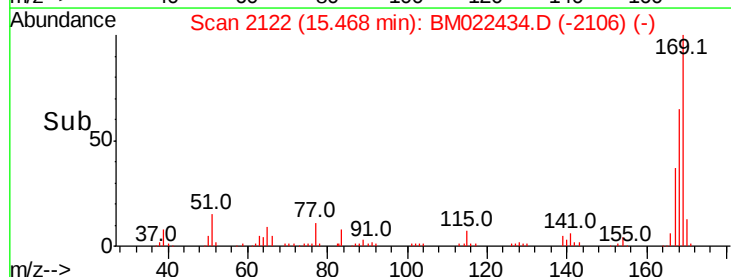
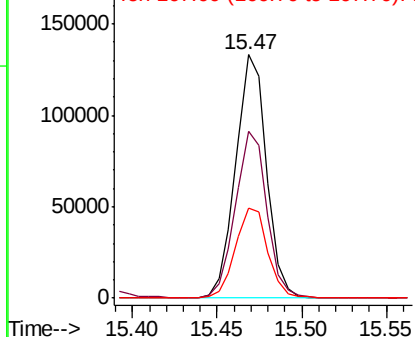


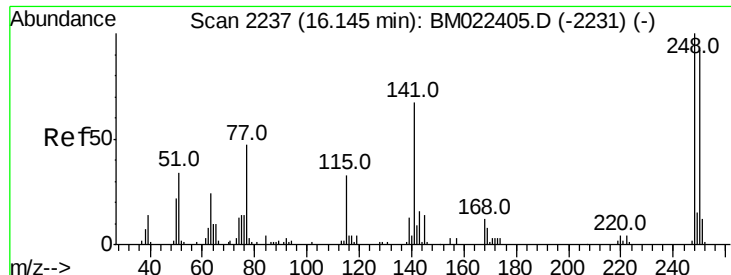
#66
 n-Nitrosodiphenylamine
 Concen: 38.828 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	169217		
168	68.7		56.7	85.1
167	37.0		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: 36.762 ng

RT: 16.14 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

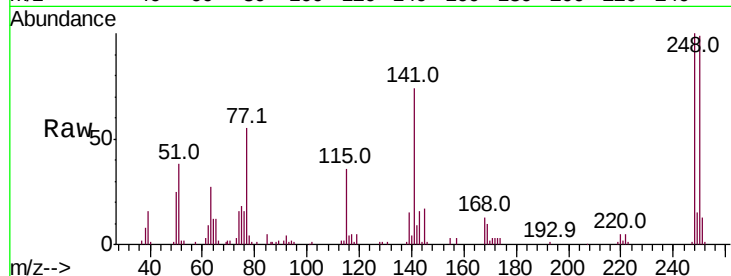
ClientSampleId :

PB122644BS

Tot Ion:	248	Resp:	83493
Ion Ratio	Lower	Upper	
248	100		
250	98.8	73.6	110.4
141	74.0	53.3	79.9

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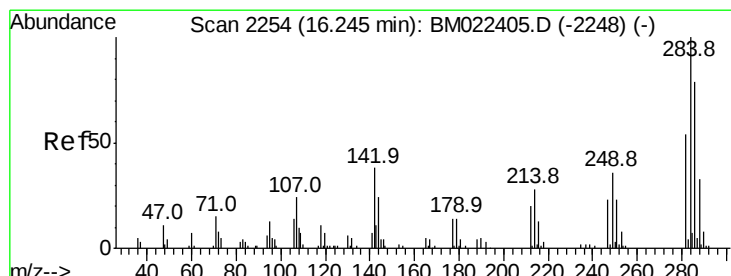
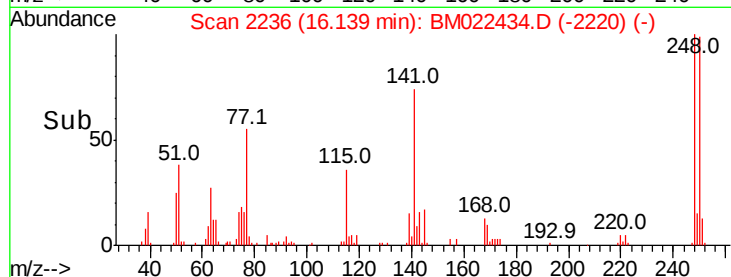
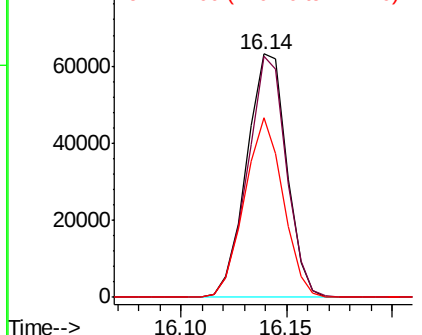


Abundance

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: 35.550 ng

RT: 16.24 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

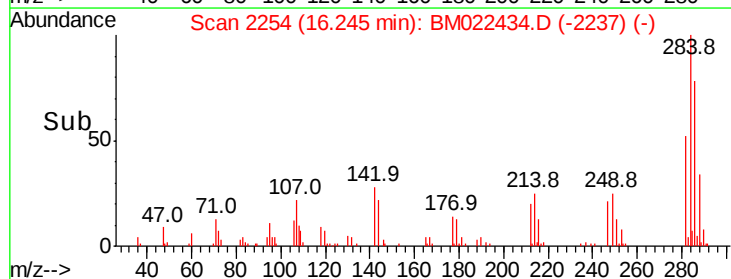
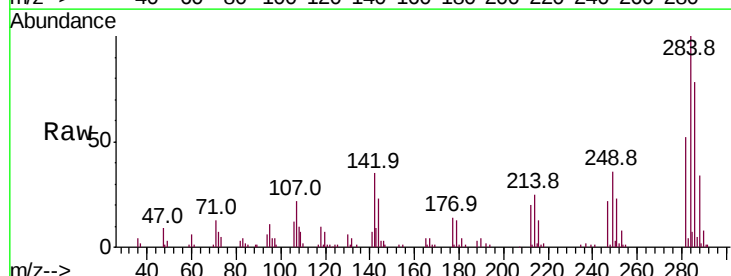
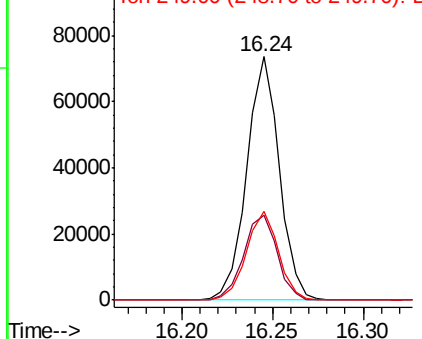
Tgt Ion:	284	Resp:	91459
Ion Ratio	Lower	Upper	
284	100		
142	34.8	30.2	45.4
249	36.4	28.8	43.2

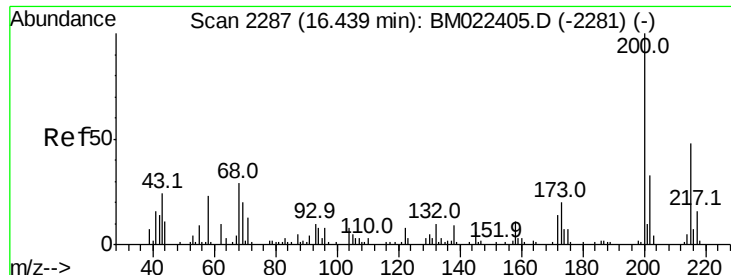
Abundance

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





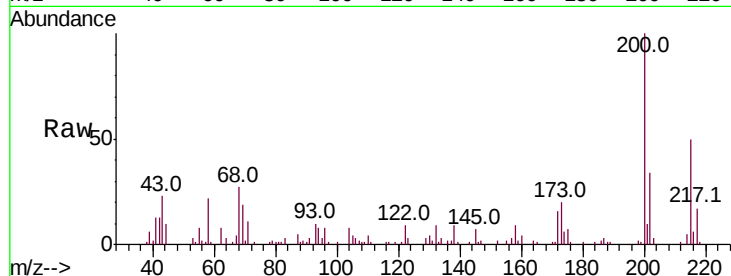
#69
 Atrazine
 Concen: 38.604 ng
 RT: 16.44 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

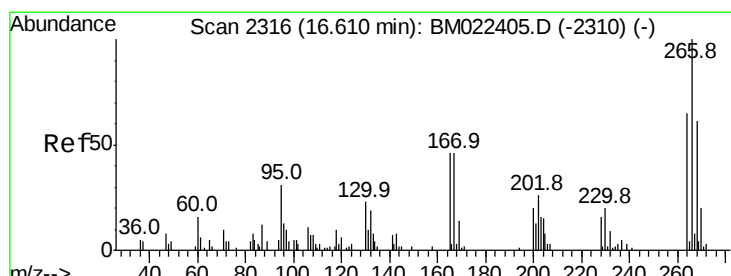
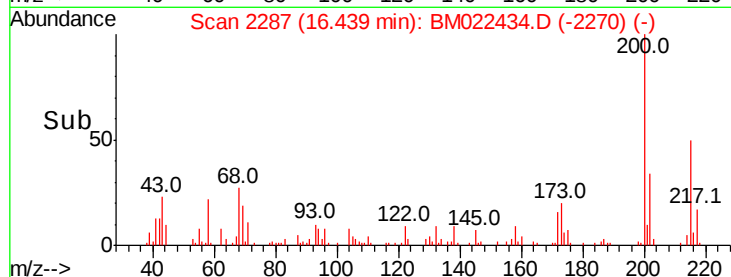
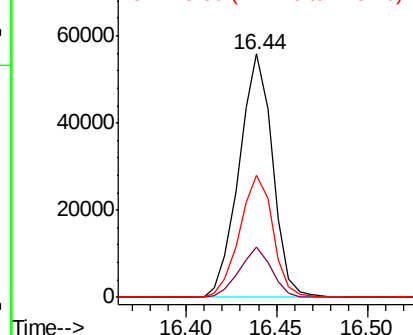
Tot Ion	Ratio	Resp	Lower	Upper
200	100	71631		
173	20.4	0.0	39.9	
215	50.2	27.8	67.8	

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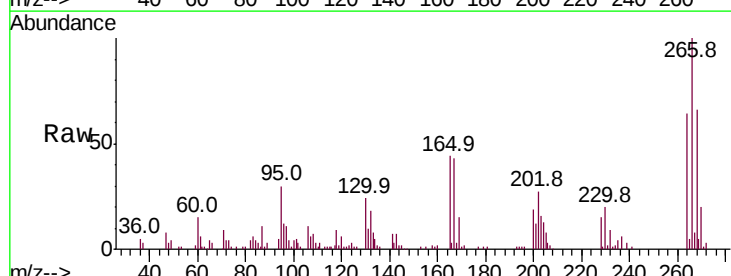


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

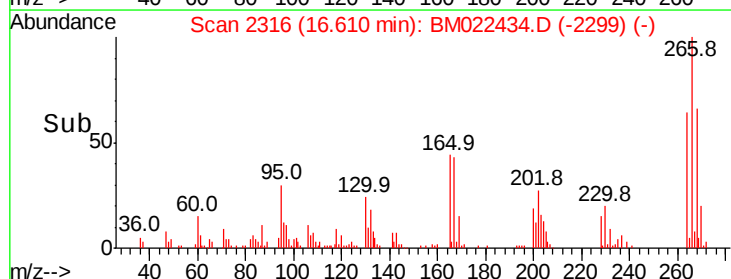
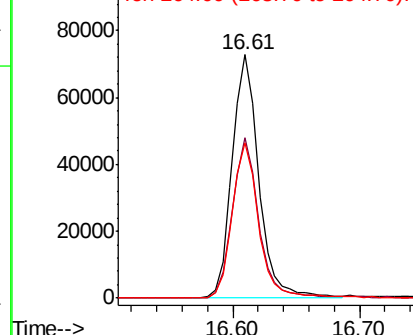


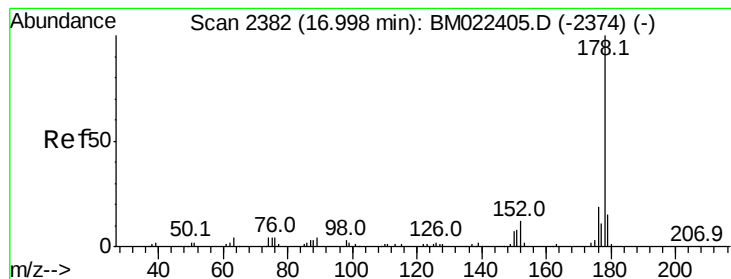
#70
 Pentachlorophenol
 Concen: 92.243 ng
 RT: 16.61 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	106146		
268	66.0	48.4	72.6	
264	63.6	51.7	77.5	



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.085 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

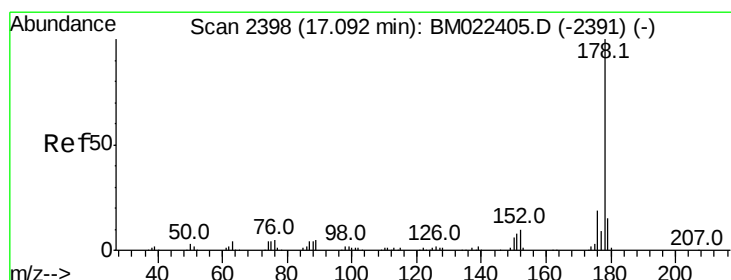
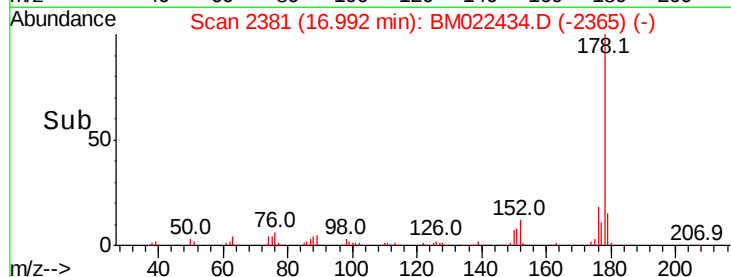
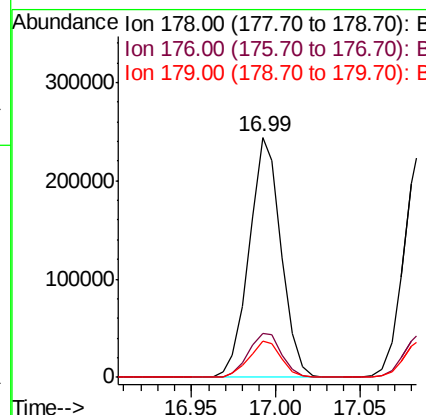
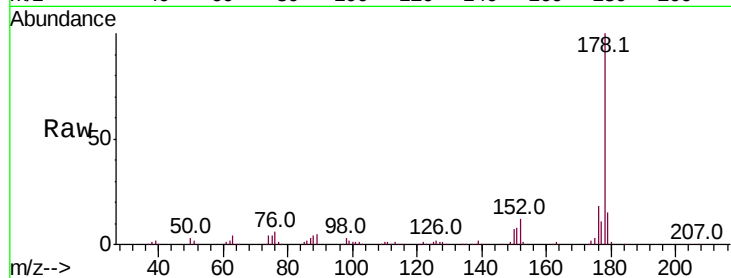
ClientSampleId :

PB122644BS

Tot Ion:	178	Resp:	320457
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.4	23.2
179	15.0	12.3	18.5

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#72

Anthracene

Concen: 39.516 ng

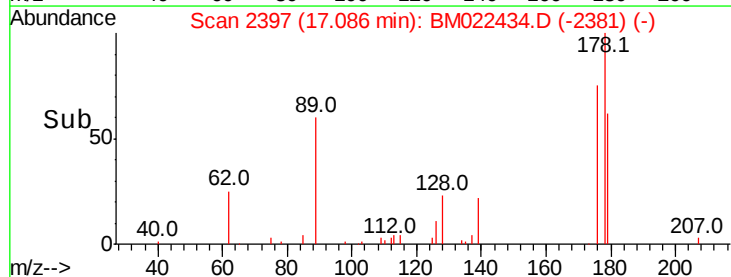
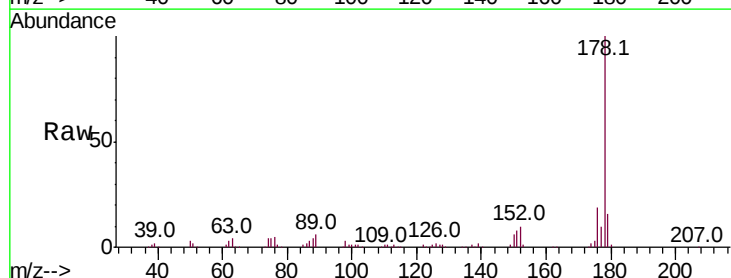
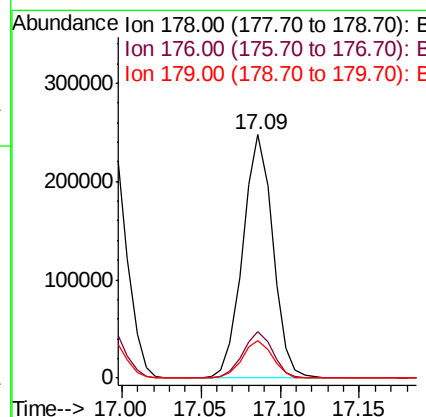
RT: 17.09 min Scan# 2397

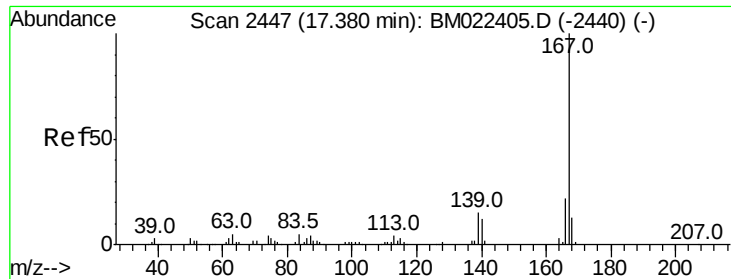
Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	178	Resp:	327135
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.0	22.4
179	15.6	11.8	17.6





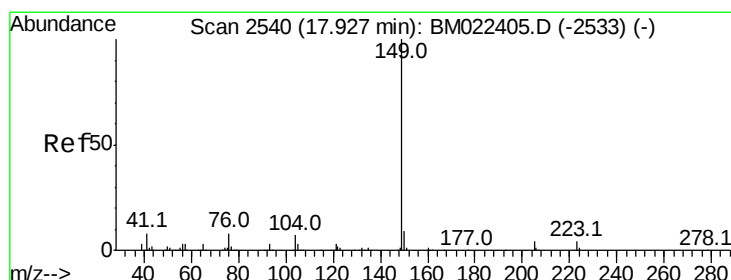
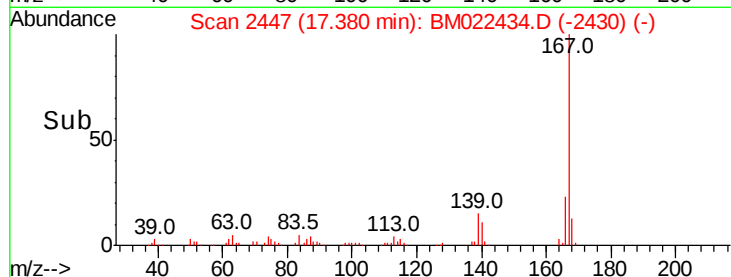
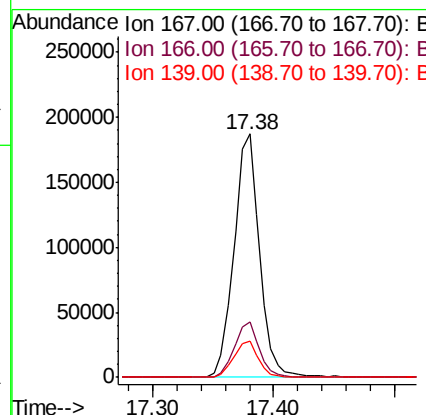
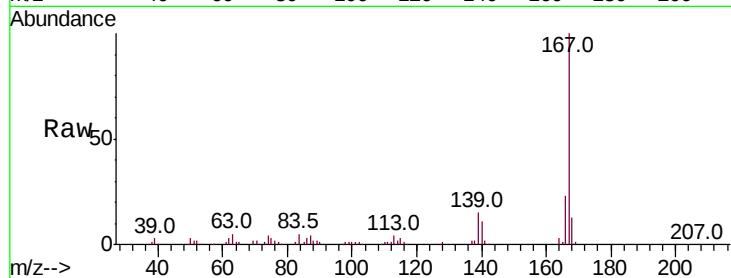
#73
 Carbazole
 Concen: 40.161 ng
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleID :
 PB122644BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	14.7	11.6	17.4

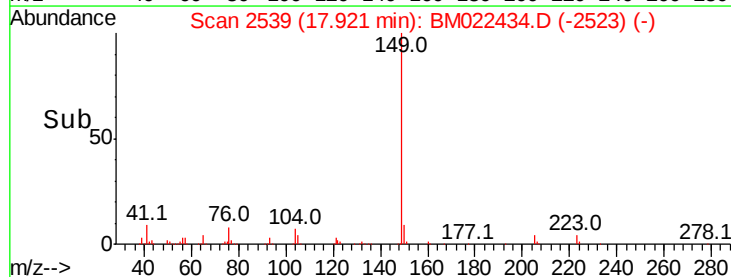
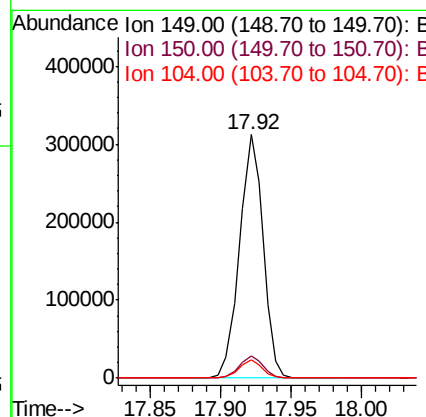
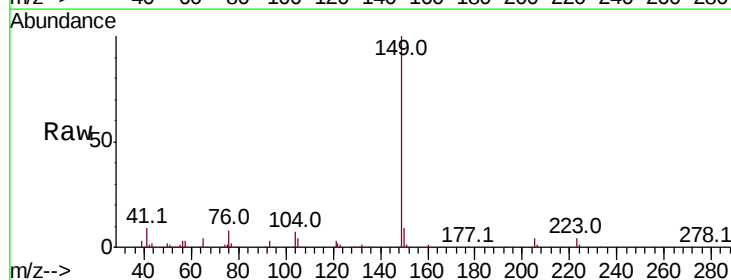
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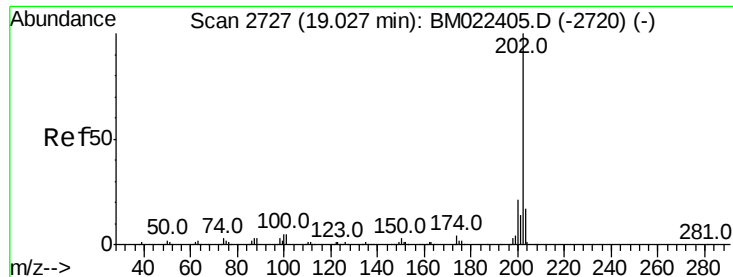
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#74
 Di-n-butylphthalate
 Concen: 39.205 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	7.3	5.6	8.4





#75

Fluoranthene

Concen: 40.199 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

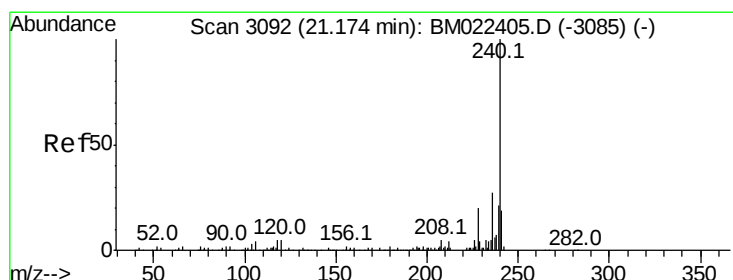
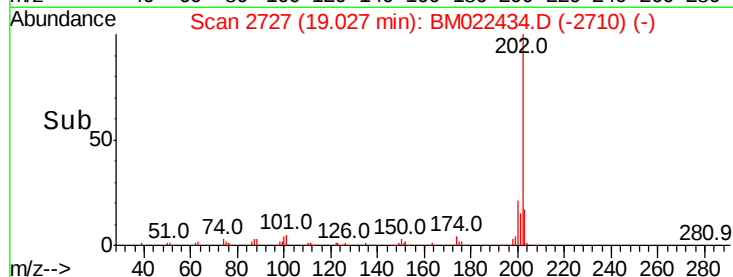
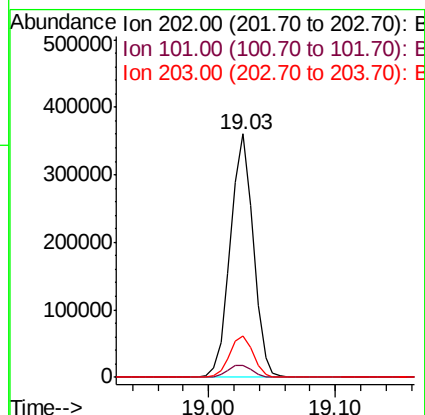
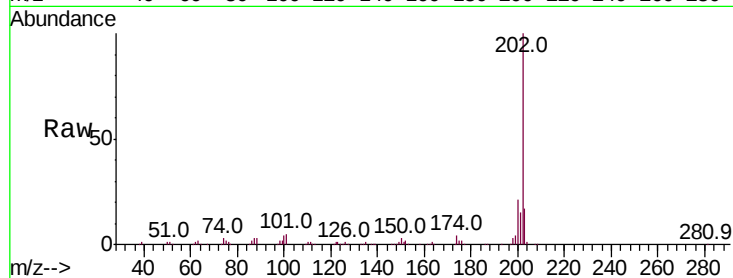
ClientSampleId :

PB122644BS

Tot Ion:	202	Resp:	450440
Ion Ratio	Lower	Upper	
202	100		
101	4.9	0.0	25.1
203	17.1	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

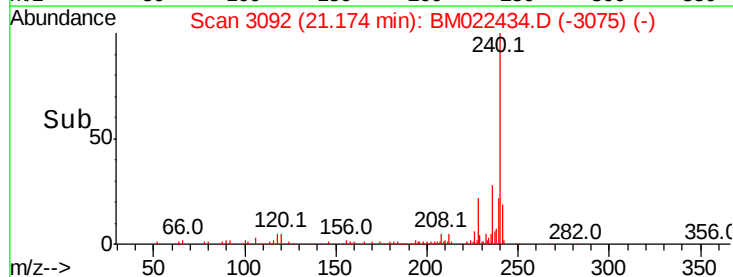
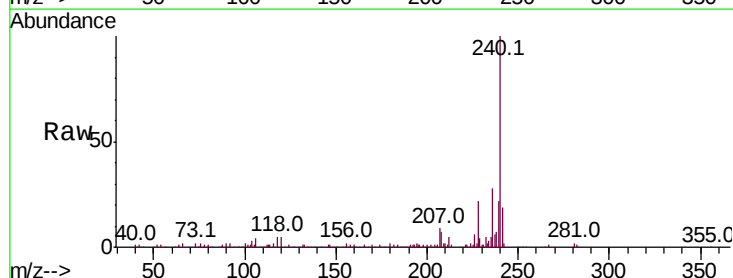
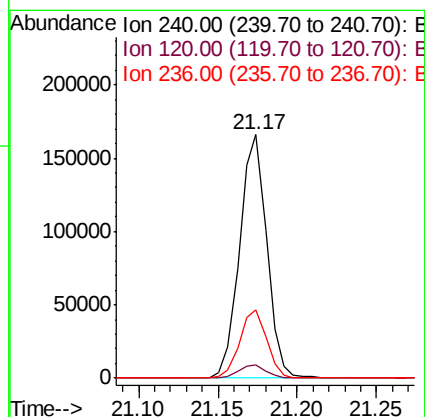
RT: 21.17 min Scan# 3092

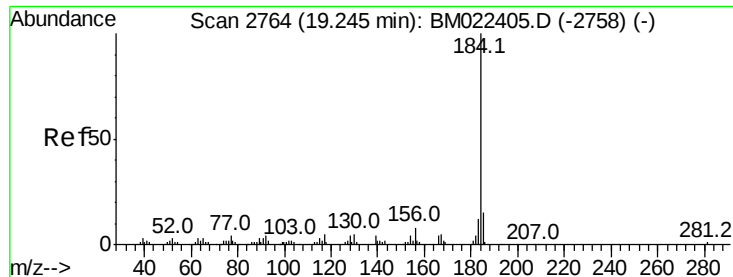
Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	240	Resp:	196961
Ion Ratio	Lower	Upper	
240	100		
120	5.3	3.9	5.9
236	27.9	21.4	32.2





#77

Benzidine

Concen: 49.084 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

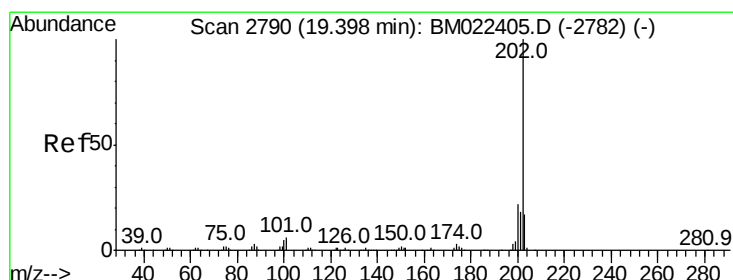
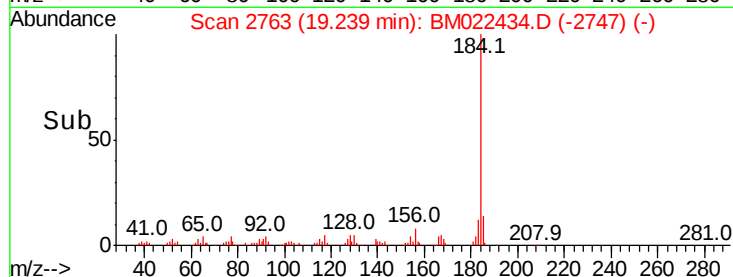
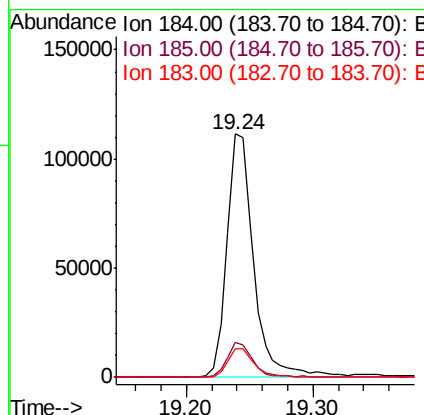
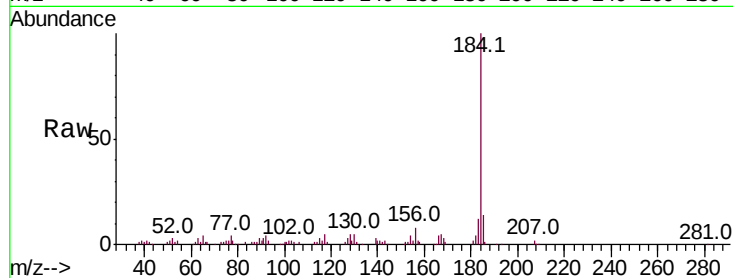
ClientSampleId :

PB122644BS

Tot Ion:	184	Resp:	162790
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.8	17.6
183	12.0	9.4	14.2

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#78

Pyrene

Concen: 34.953 ng

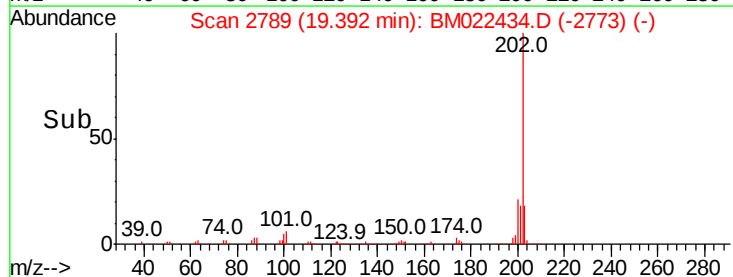
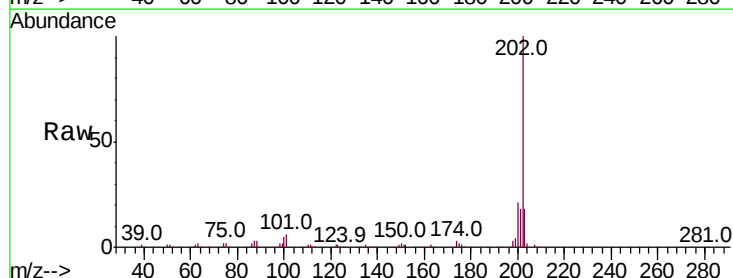
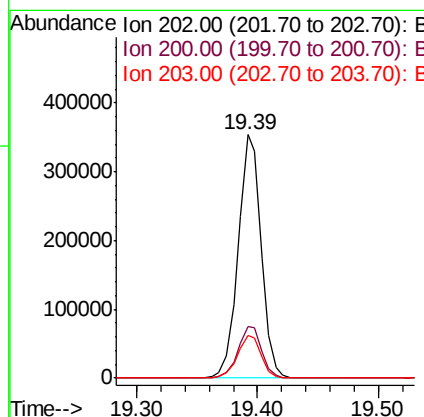
RT: 19.39 min Scan# 2789

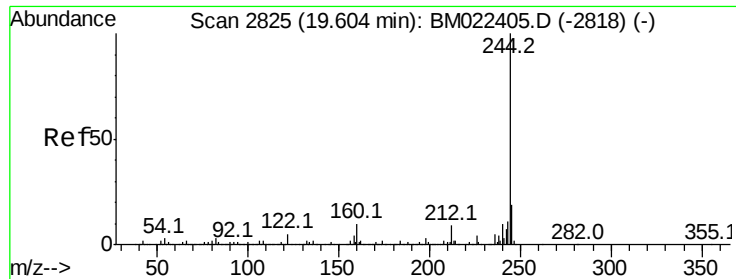
Delta R.T. -0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	202	Resp:	469177
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	17.5	13.8	20.8





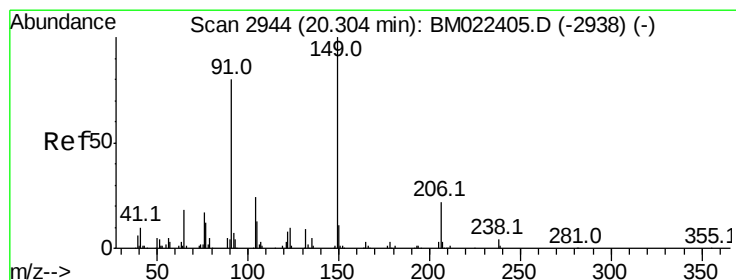
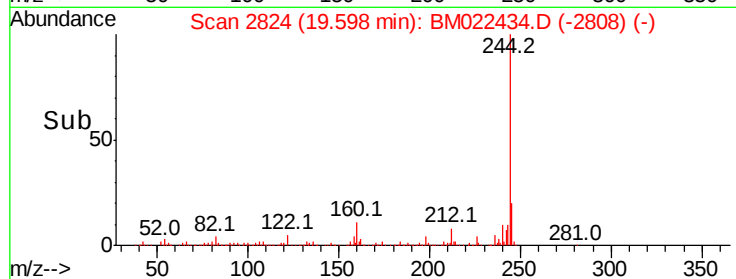
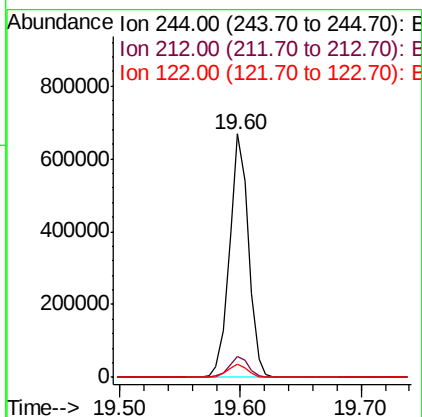
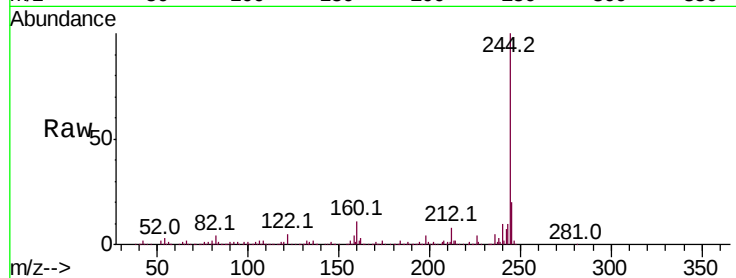
#79
 Terphenyl-d14
 Concen: 48.838 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB122644BS

Tot Ion:	244	Resp:	728871
Ion Ratio	Lower	Upper	
244	100		
212	8.5	7.0	10.4
122	5.5	3.9	5.9

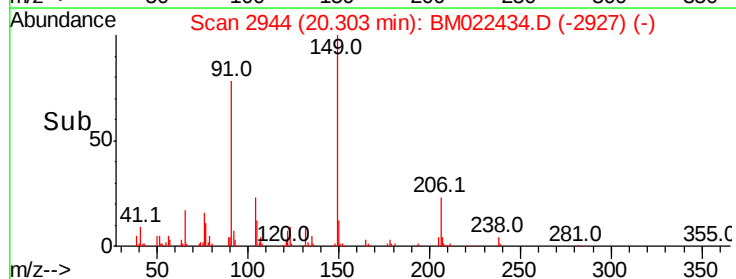
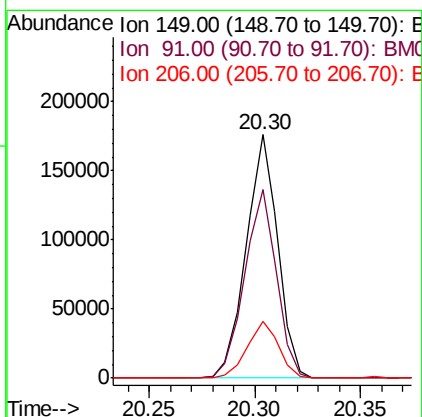
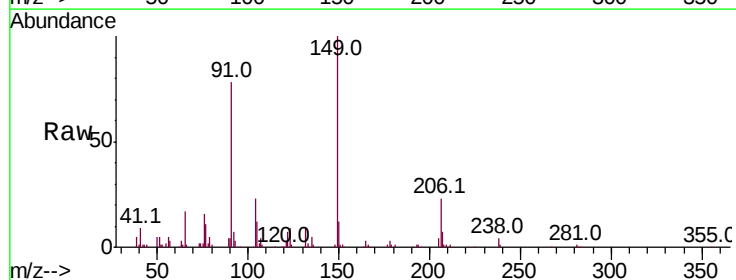
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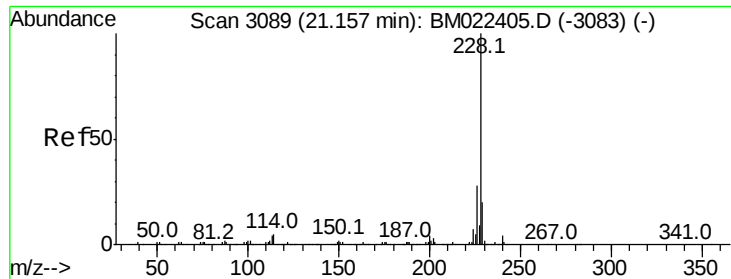
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#80
 Butylbenzylphthalate
 Concen: 39.125 ng
 RT: 20.30 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BM022434.D
 Acq: 30 Aug 2019 10:20

Tgt Ion:	149	Resp:	183280
Ion Ratio	Lower	Upper	
149	100		
91	77.7	64.0	96.0
206	23.3	17.6	26.4





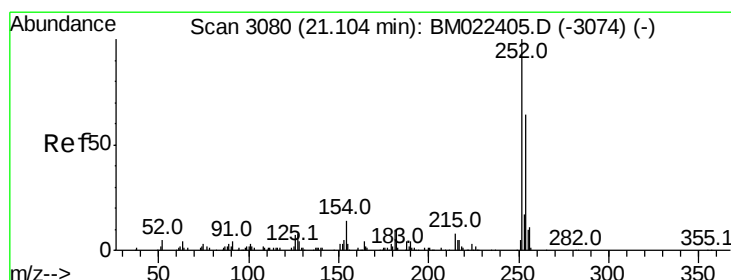
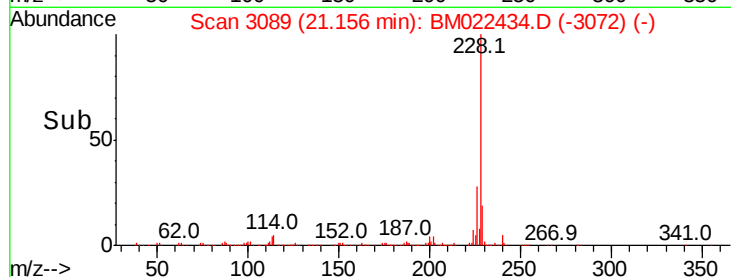
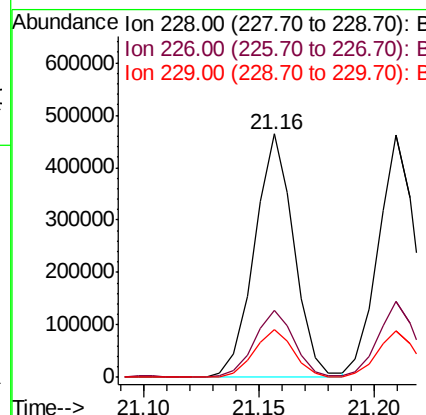
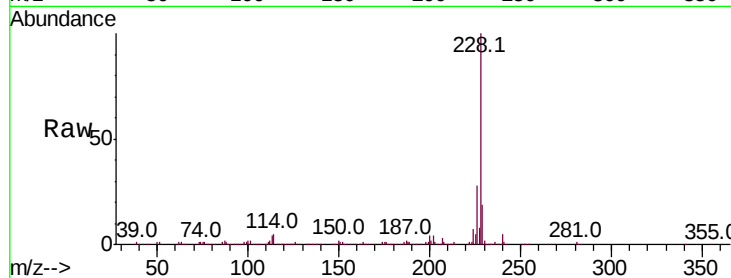
#81
Benzo(a)anthracene
Concen: 38.934 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	550410		
226	27.7		22.6	34.0
229	19.4		15.9	23.9

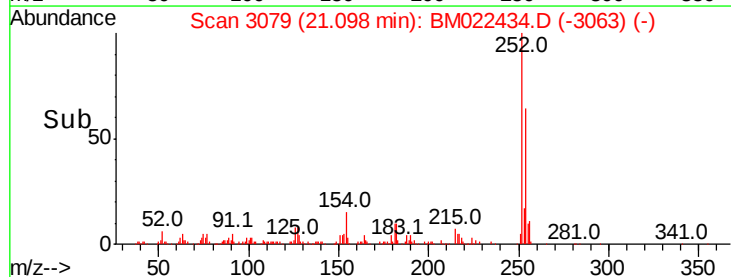
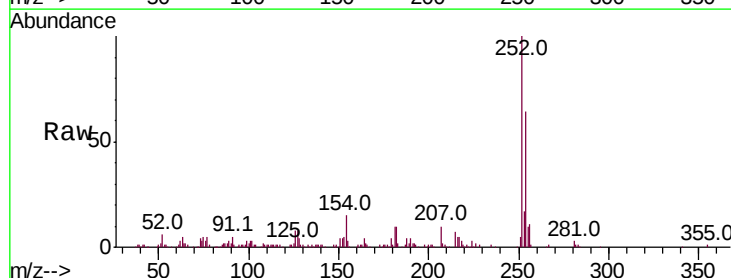
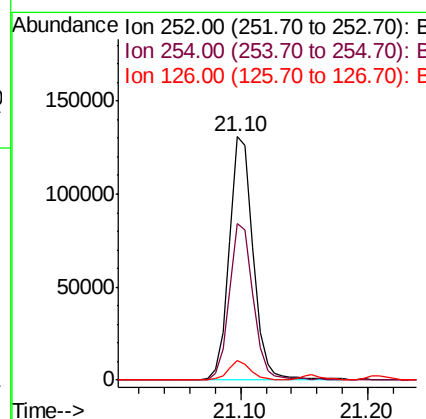
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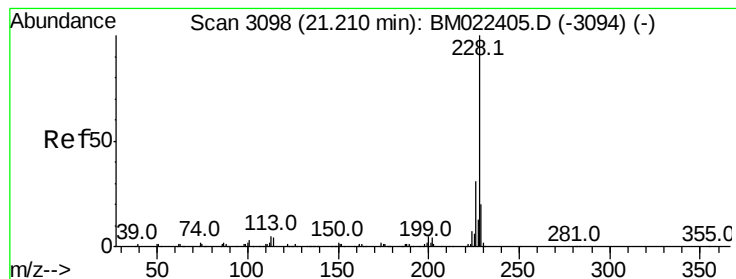
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#82
3,3'-Dichlorobenzidine
Concen: 38.898 ng
RT: 21.10 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	170580		
254	64.3		51.0	76.4
126	8.0		5.8	8.8





#83

Chrysene

Concen: 38.540 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

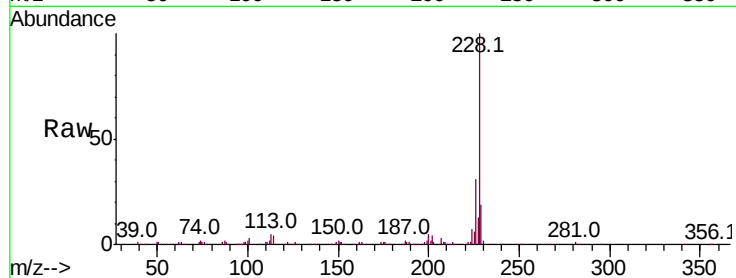
ClientSampleId :

PB122644BS

Tot Ion:	228	Resp:	518591
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.5	36.7
229	19.3	15.7	23.5

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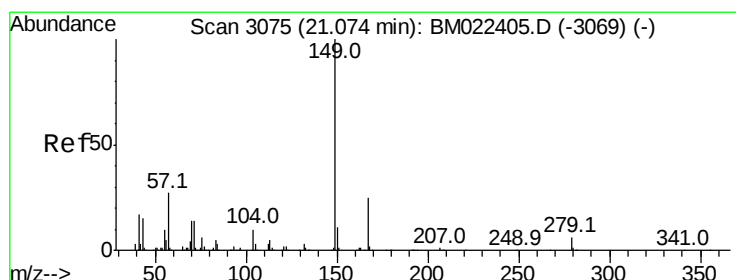
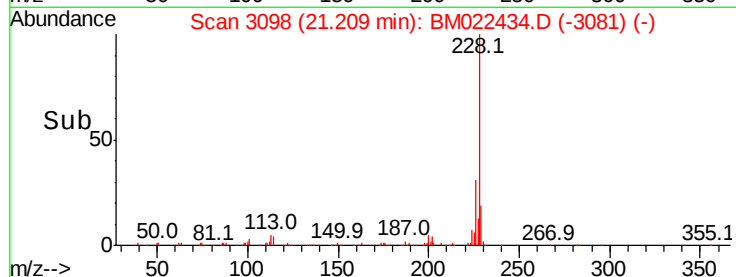
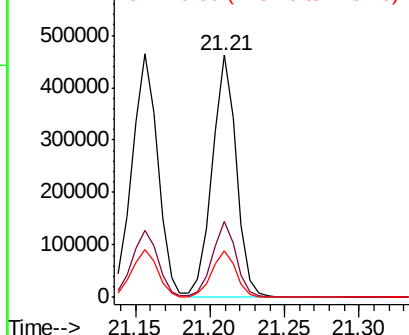


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.268 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

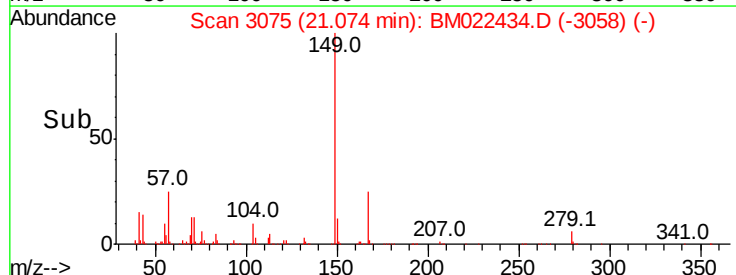
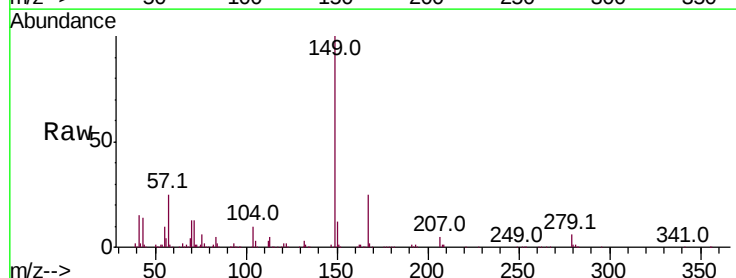
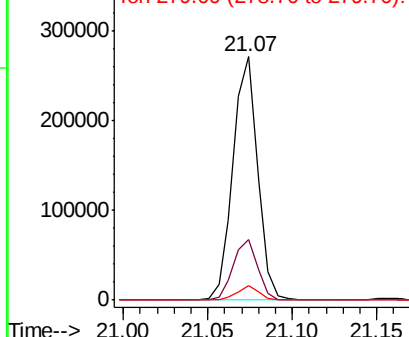
Tgt Ion:	149	Resp:	275209
Ion Ratio	Lower	Upper	
149	100		
167	25.0	19.6	29.4
279	5.7	4.4	6.6

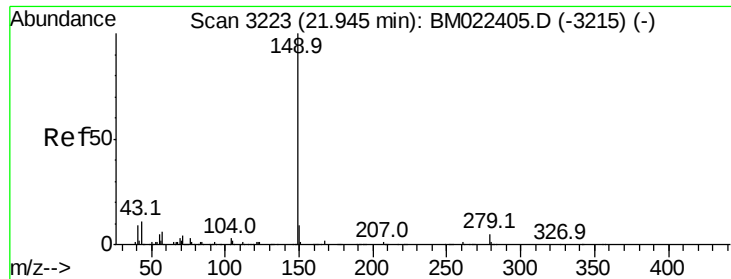
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





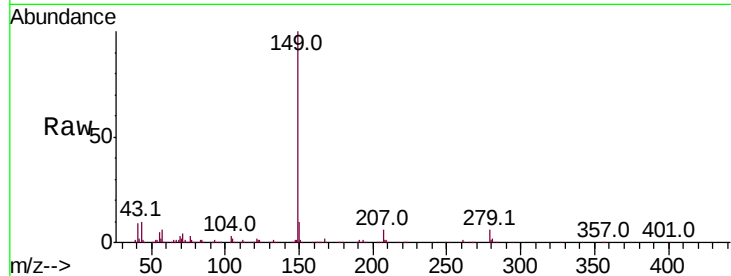
#85
Di-n-octyl phthalate
Concen: 47.218 ng
RT: 21.94 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

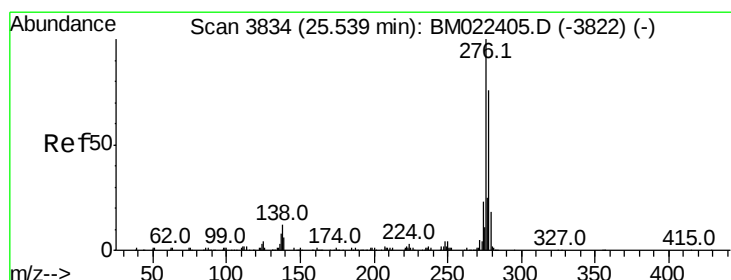
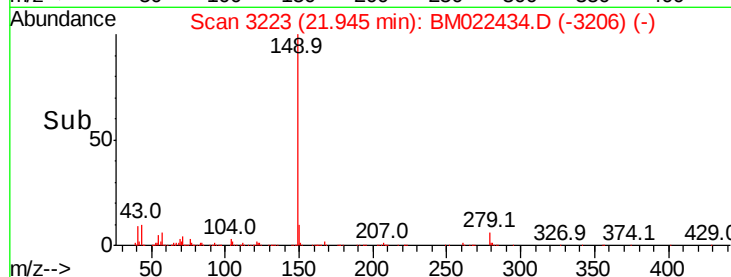
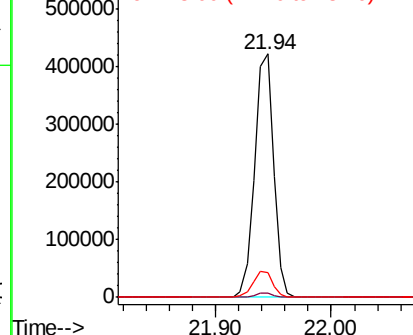
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	11.0	9.0	13.6	

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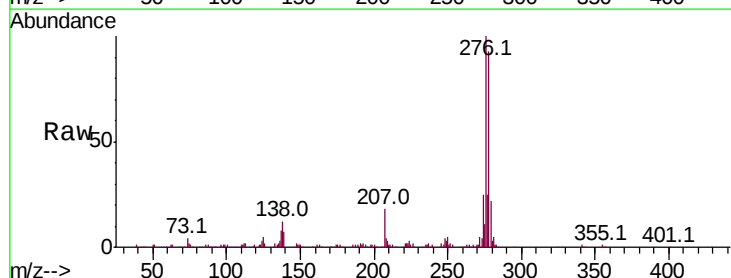


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

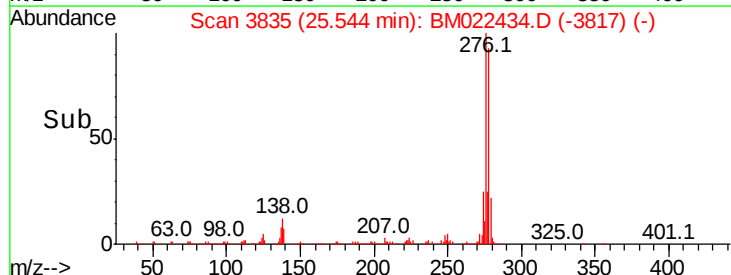
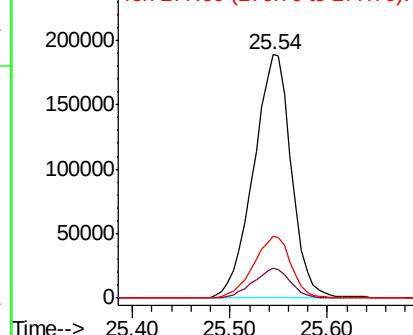


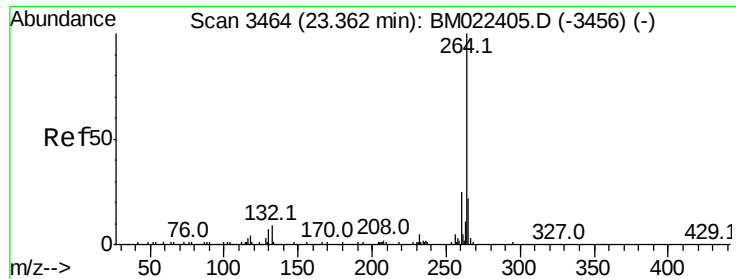
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.792 ng
RT: 25.54 min Scan# 3835
Delta R.T. 0.01 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	12.1	9.1	13.7	
277	25.3	20.0	30.0	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





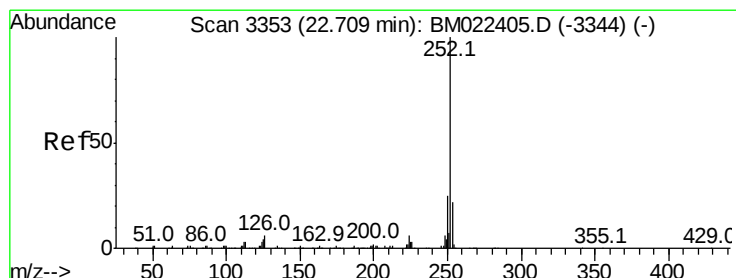
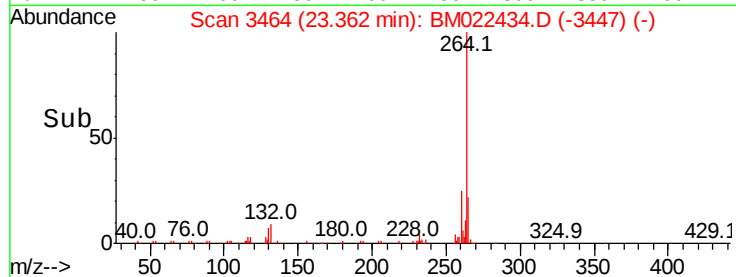
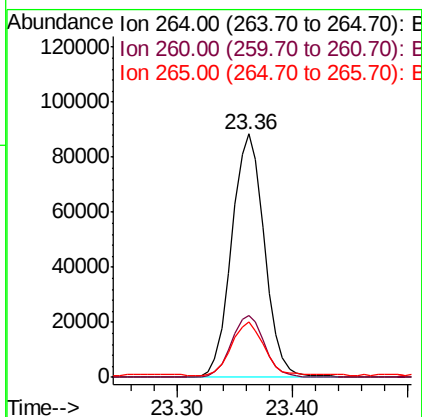
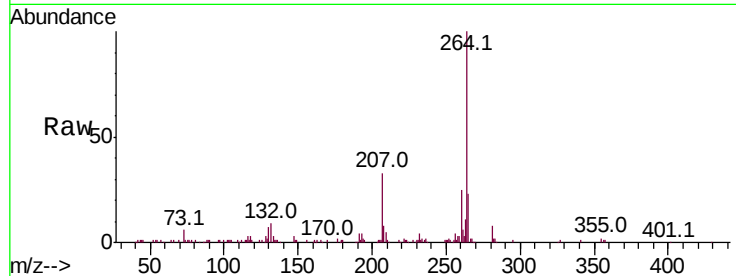
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Tot Ion:	264	Resp:	173673
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.2	30.2
265	22.9	18.2	27.2

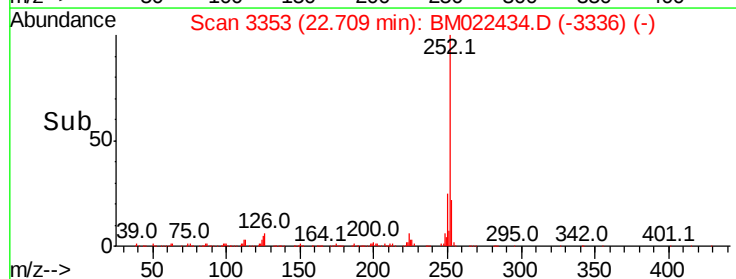
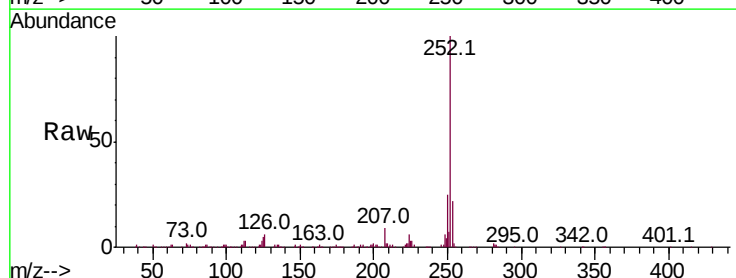
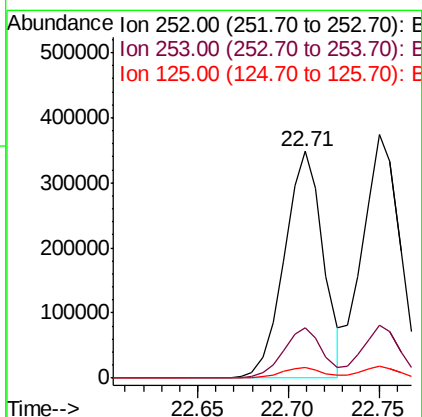
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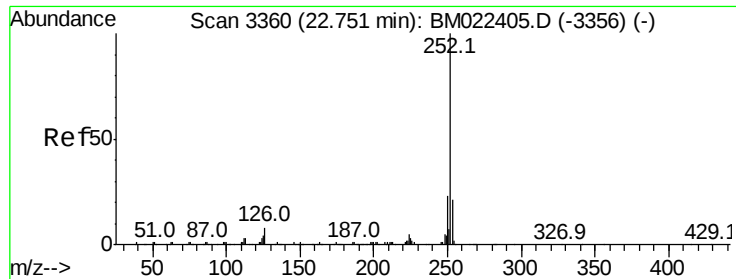
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#88
Benzo(b)fluoranthene
Concen: 43.126 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BM022434.D
Acq: 30 Aug 2019 10:20

Tgt Ion:	252	Resp:	520322
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	4.5	3.5	5.3





#89

Benzo(k)fluoranthene

Concen: 44.653 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

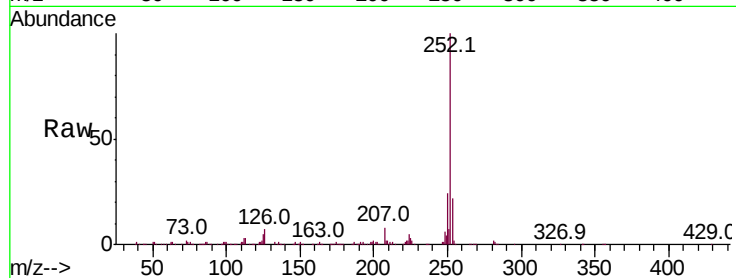
ClientSampleId :

PB122644BS

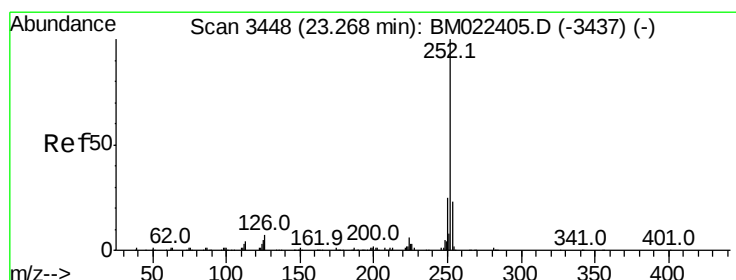
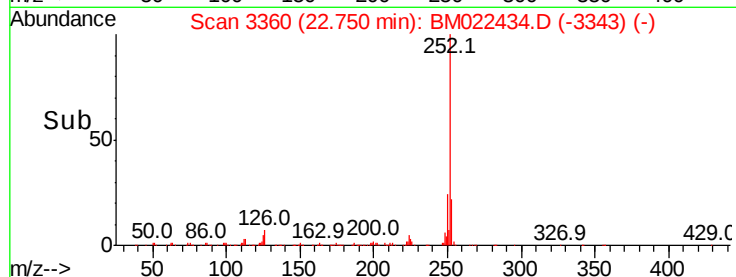
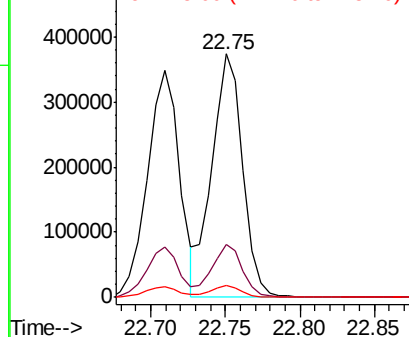
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	4.7	3.7	5.5

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.546 ng

RT: 23.27 min Scan# 3448

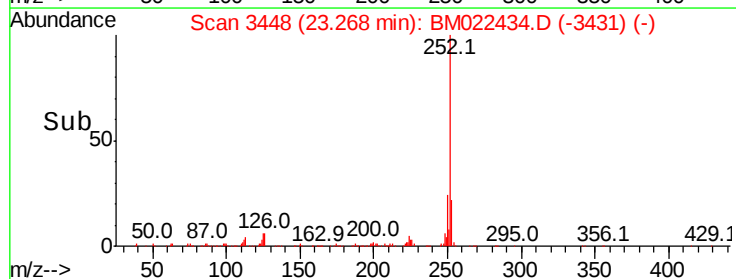
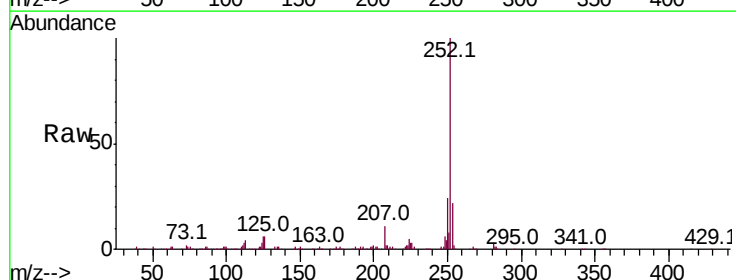
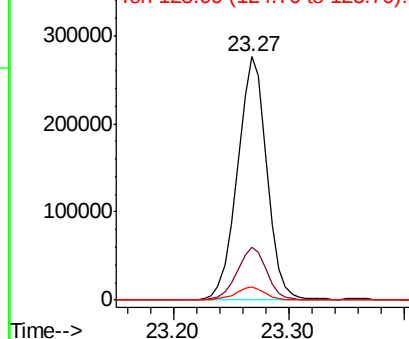
Delta R.T. -0.00 min

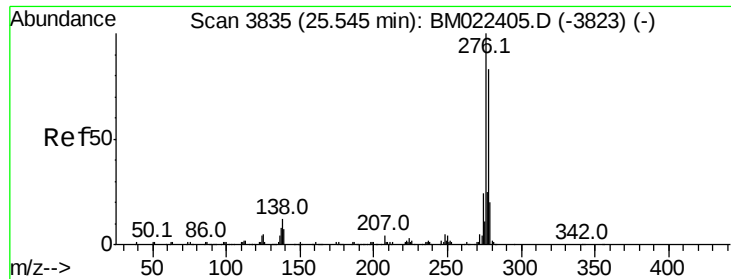
Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	5.7	3.8	5.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.046 ng

RT: 25.55 min Scan# 3836

Delta R.T. 0.01 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Instrument :

BNA_M

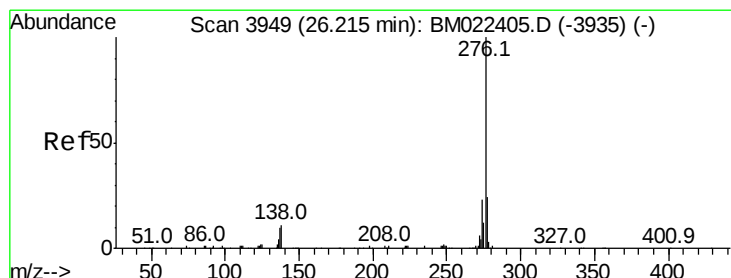
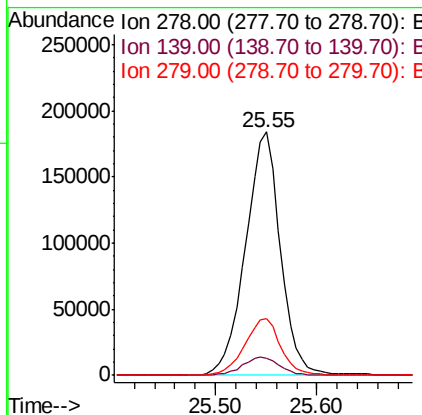
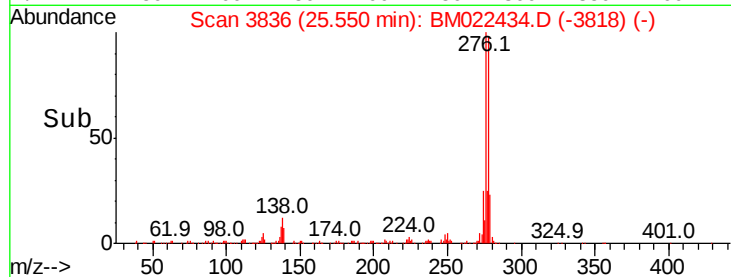
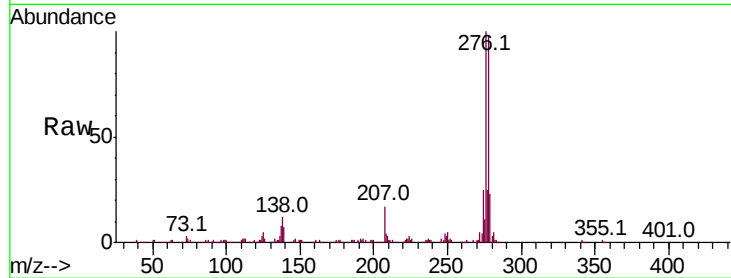
ClientSampleId :

PB122644BS

Tot Ion:	278	Resp:	438319
Ion Ratio	Lower	Upper	
278	100		
139	7.0	6.6	9.8
279	23.0	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/31/2019 2:43:46 PM



#92

Benzo(g,h,i)perylene

Concen: 40.483 ng

RT: 26.21 min Scan# 3949

Delta R.T. -0.00 min

Lab File: BM022434.D

Acq: 30 Aug 2019 10:20

Tgt Ion:	276	Resp:	376769
Ion Ratio	Lower	Upper	
276	100		
277	22.9	19.4	29.0
138	10.7	8.8	13.2

