

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022444.D
 Acq On : 30 Aug 2019 17:02
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:43:52 PM

Quant Time: Aug 30 18:25:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	22180	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	100059	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	73161	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	175917	20.00	ng	0.00
76) Chrysene-d12	21.17	240	248399	20.00	ng	0.00
87) Perylene-d12	23.36	264	215977	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	104332	82.57	ng	0.00
7) Phenol-d6	6.72	99	147637	87.37	ng	0.00
23) Nitrobenzene-d5	8.70	82	190324	83.31	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	120674	80.61	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	508117	78.68	ng	0.00
79) Terphenyl-d14	19.60	244	1453976	77.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	22742	39.003	ng	97
3) Pyridine	3.53	79	58900	41.995	ng	95
4) n-Nitrosodimethylamine	3.46	42	40994	42.394	ng	# 99
6) Aniline	6.88	93	92749	43.070	ng	100
8) 2-Chlorophenol	7.09	128	61303	42.149	ng	97
9) Benzaldehyde	6.70	77	48760	46.317	ng	94
10) Phenol	6.75	94	72438	42.673	ng	98
11) bis(2-Chloroethyl)ether	6.97	93	53956	42.118	ng	99
12) 1,3-Dichlorobenzene	7.40	146	72370	41.010	ng	95
13) 1,4-Dichlorobenzene	7.56	146	73442	41.074	ng	97
14) 1,2-Dichlorobenzene	7.86	146	74279	41.438	ng	98
15) Benzyl Alcohol	7.79	79	72829	45.431	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.06	45	73677	44.379	ng	96
17) 2-Methylphenol	7.98	107	55314	44.807	ng	89
18) Hexachloroethane	8.56	117	33944	40.944	ng	96
19) n-Nitroso-di-n-propylamine	8.34	70	58332	44.480	ng	97
20) 3+4-Methylphenols	8.31	107	75507	45.041	ng	99
22) Acetophenone	8.36	105	115558	41.823	ng	# 98
24) Nitrobenzene	8.74	77	91331	41.530	ng	98
25) Isophorone	9.26	82	157689	43.961	ng	99
26) 2-Nitrophenol	9.43	139	38511	43.717	ng	97
27) 2,4-Dimethylphenol	9.50	122	54791	41.697	ng	94
28) bis(2-Chloroethoxy)methane	9.73	93	86601	41.725	ng	98
29) 2,4-Dichlorophenol	9.96	162	72175	41.980	ng	96
30) 1,2,4-Trichlorobenzene	10.16	180	88923	40.617	ng	97
31) Naphthalene	10.35	128	216199	41.541	ng	100
32) Benzoic acid	9.72	122	47638	46.027	ng	96
33) 4-Chloroaniline	10.49	127	96690	43.178	ng	99
34) Hexachlorobutadiene	10.59	225	86084	39.865	ng	98
35) Caprolactam	11.34	113	21436m	49.054	ng	
36) 4-Chloro-3-methylphenol	11.62	107	77787	42.927	ng	97
37) 2-Methylnaphthalene	11.97	142	163529	41.348	ng	100
38) 1-Methylnaphthalene	12.19	142	156848	41.089	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	137617	39.635	ng	100

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 SSTDC040

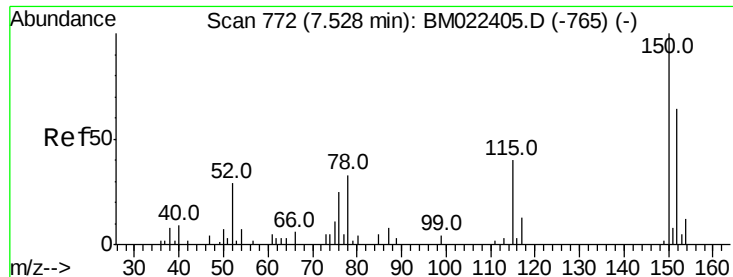
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	52972	43.243	ng	97
43) 2,4,6-Trichlorophenol	12.60	196	78467	41.868	ng	98
44) 2,4,5-Trichlorophenol	12.69	196	76782	41.317	ng	98
46) 1,1'-Biphenyl	13.00	154	240517	40.234	ng	99
47) 2-Chloronaphthalene	13.05	162	190074	40.044	ng	98
48) 2-Nitroaniline	13.30	65	68176	44.596	ng	98
49) Acenaphthylene	13.90	152	291024	40.624	ng	99
50) Dimethylphthalate	13.66	163	268611	42.213	ng	99
51) 2,6-Dinitrotoluene	13.80	165	53082	42.466	ng	96
52) Acenaphthene	14.25	154	174694	40.660	ng	98
53) 3-Nitroaniline	14.14	138	53355	44.455	ng	99
54) 2,4-Dinitrophenol	14.38	184	28412	42.174	ng	95
55) Dibenzofuran	14.59	168	295163	40.781	ng	100
56) 4-Nitrophenol	14.48	139	33652	44.635	ng	98
57) 2,4-Dinitrotoluene	14.61	165	77464	43.105	ng	# 94
58) Fluorene	15.24	166	265065	40.992	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.83	232	85111	40.639	ng	96
60) Diethylphthalate	15.03	149	282205	42.459	ng	97
61) 4-Chlorophenyl-phenylether	15.24	204	179167	40.294	ng	100
62) 4-Nitroaniline	15.33	138	52973	47.156	ng	94
63) Azobenzene	15.54	77	279269	42.092	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	45090	42.954	ng	95
66) n-Nitrosodiphenylamine	15.47	169	210715	39.674	ng	99
67) 4-Bromophenyl-phenylether	16.14	248	110715	40.000	ng	95
68) Hexachlorobenzene	16.24	284	123657	39.441	ng	98
69) Atrazine	16.44	200	87934	38.887	ng	99
70) Pentachlorophenol	16.61	266	60399	43.070	ng	98
71) Phenanthrene	17.00	178	416342	40.602	ng	99
72) Anthracene	17.09	178	414688	41.103	ng	99
73) Carbazole	17.38	167	353516	42.391	ng	99
74) Di-n-butylphthalate	17.92	149	503055	44.487	ng	100
75) Fluoranthene	19.03	202	604308	44.254	ng	98
77) Benzidine	19.24	184	201541	48.184	ng	98
78) Pyrene	19.39	202	624403	36.885	ng	99
80) Butylbenzylphthalate	20.30	149	251161	42.513	ng	97
81) Benzo(a)anthracene	21.16	228	741861	41.609	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	247198	44.697	ng	97
83) Chrysene	21.21	228	707401	41.685	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	370680	46.209	ng	98
85) Di-n-octyl phthalate	21.94	149	614504	47.698	ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	595600	34.892	ng	99
88) Benzo(b)fluoranthene	22.70	252	646697	43.101	ng	99
89) Benzo(k)fluoranthene	22.75	252	643699	43.247	ng	99
90) Benzo(a)pyrene	23.27	252	560431	42.082	ng	98
91) Dibenzo(a,h)anthracene	25.54	278	496028	37.352	ng	99
92) Benzo(g,h,i)perylene	26.21	276	412975	35.682	ng	98

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



#1

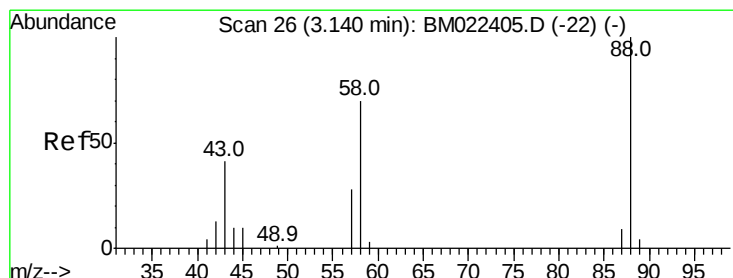
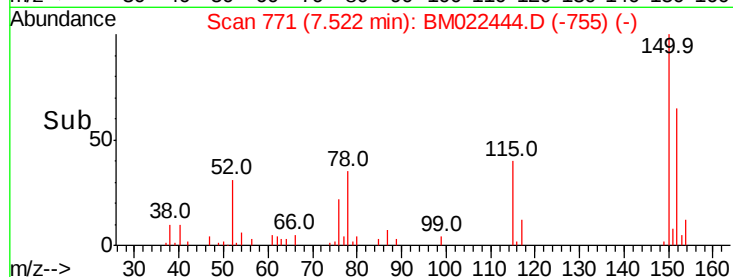
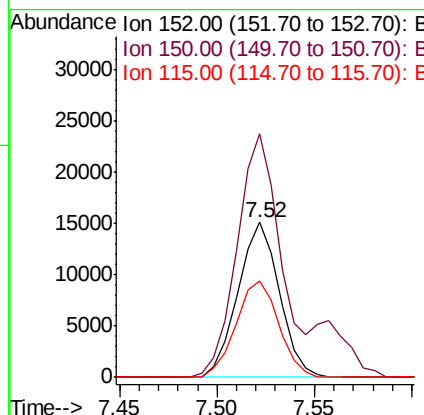
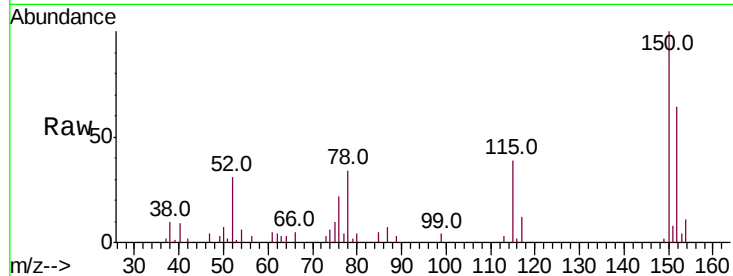
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.4	188.0
115	62.0	50.3	75.5

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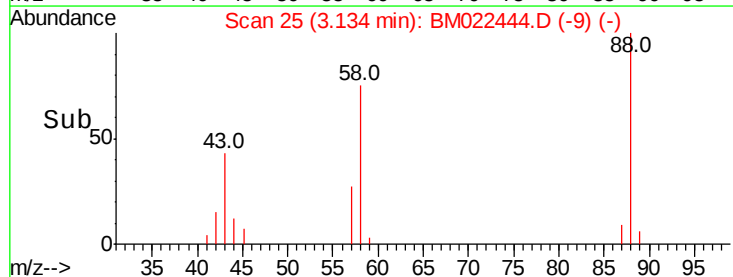
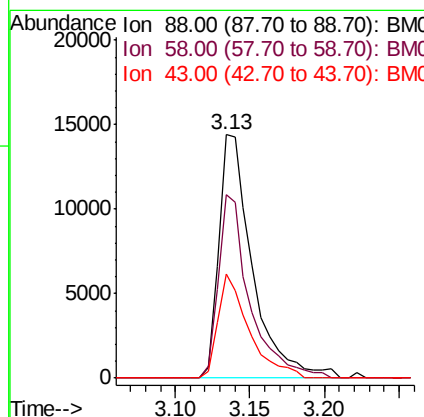
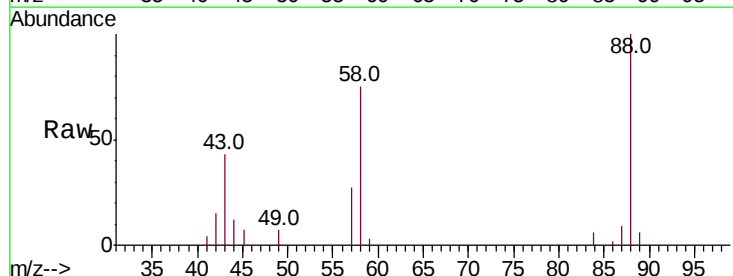
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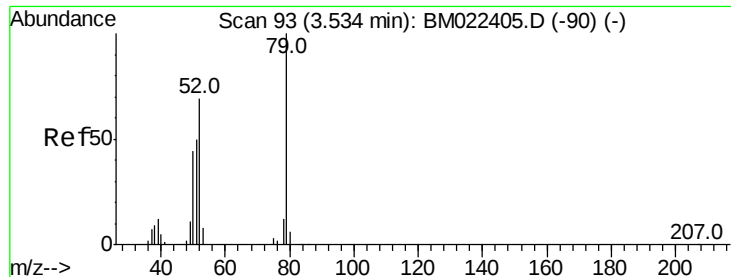


#2

1,4-Dioxane
Concen: 39.003 ng
RT: 3.13 min Scan# 25
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	53.8	80.8
43	39.3	30.6	46.0





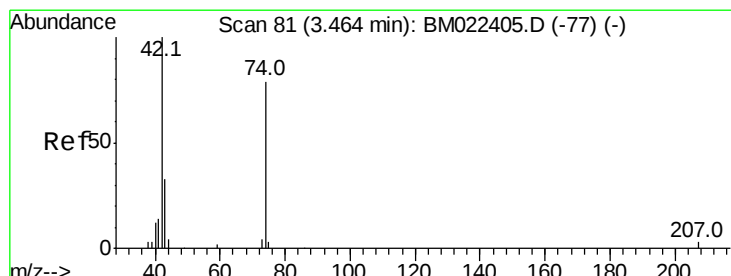
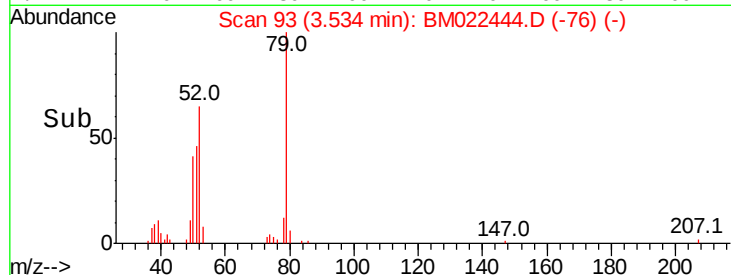
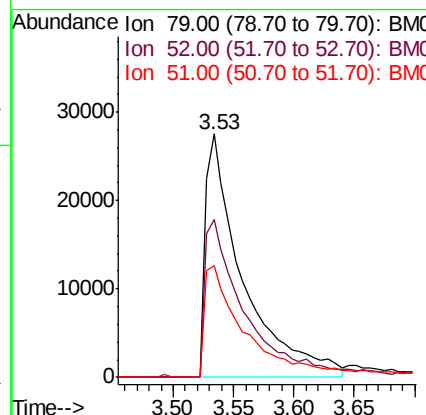
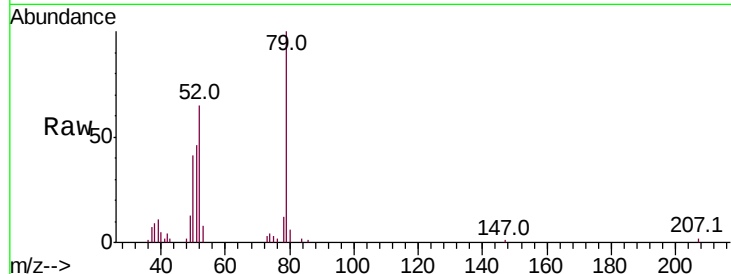
#3
 Pvridine
 Concen: 41.995 ng
 RT: 3.53 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	54.8	82.2
51	45.7	40.2	60.4

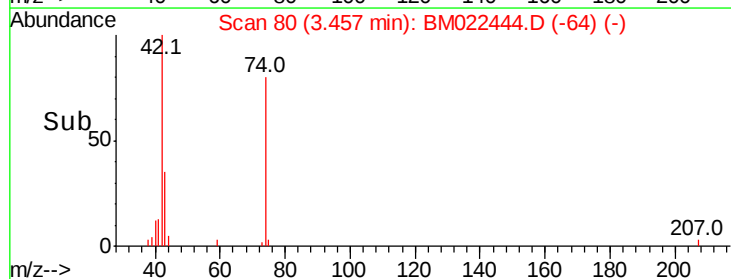
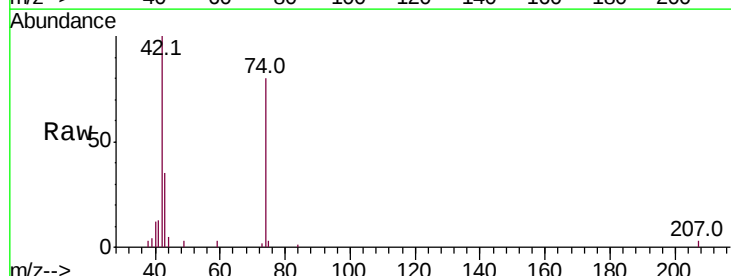
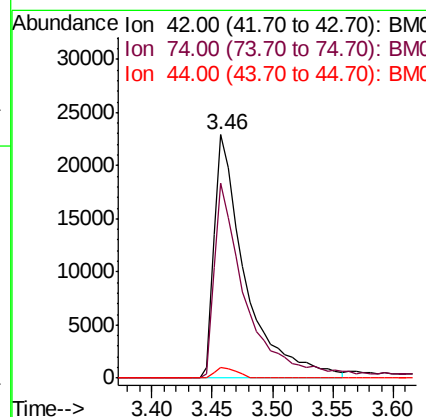
Manual Integrations
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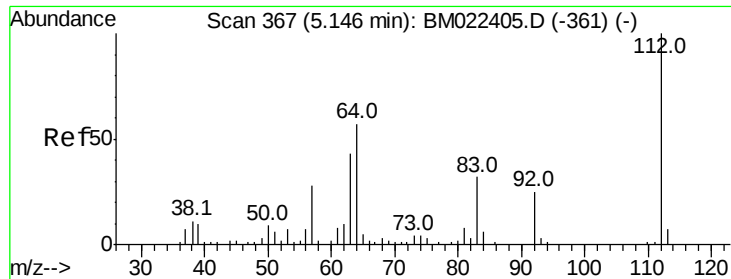
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#4
 n-Nitrosodimethylamine
 Concen: 42.394 ng
 RT: 3.46 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	79.9	63.0	94.6
44	4.6	3.0	4.6#





#5

2-Fluorophenol

Concen: 82.568 ng

RT: 5.15 min Scan# 367

Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

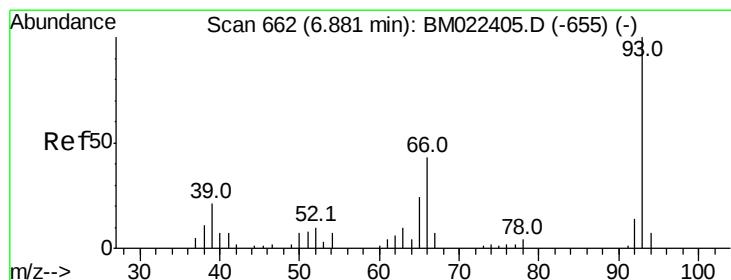
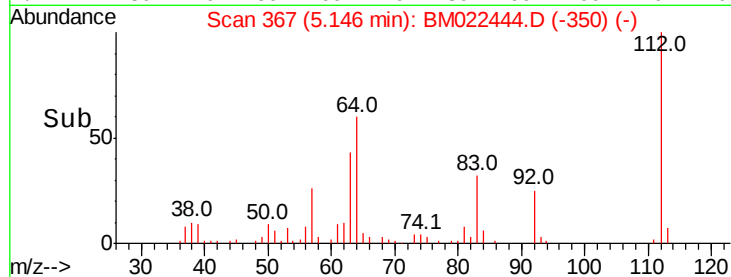
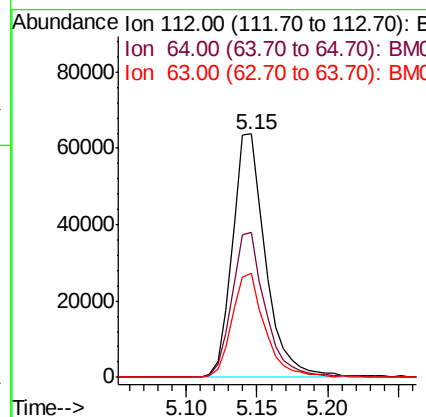
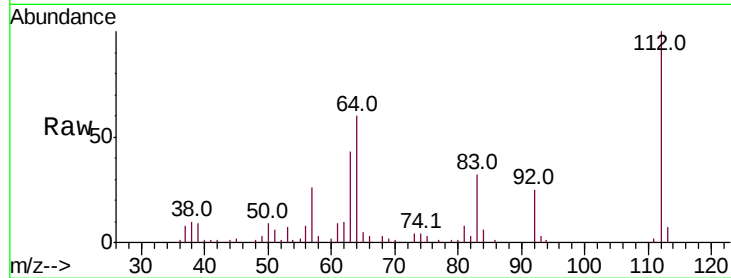
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	104332
Ion Ratio	Lower	Upper	
112	100		
64	59.6	45.4	68.2
63	42.5	34.5	51.7

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#6

Aniline

Concen: 43.070 ng

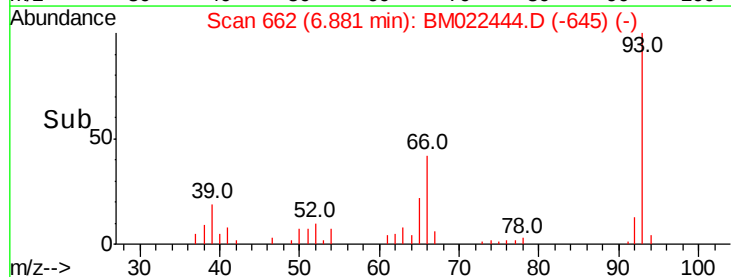
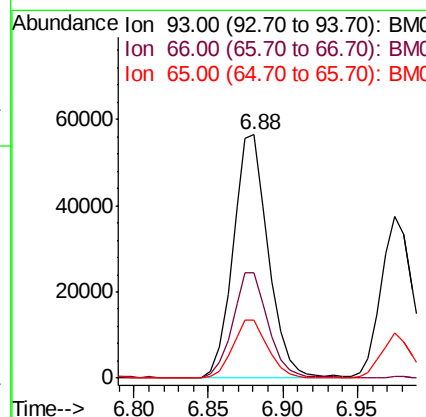
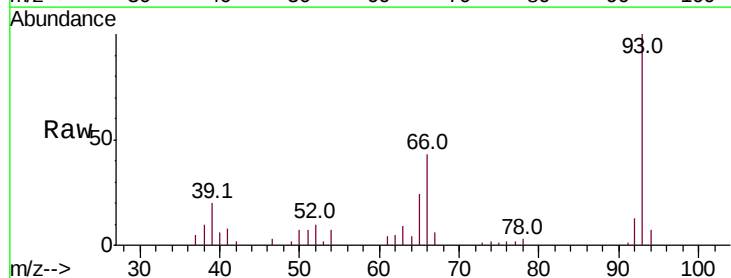
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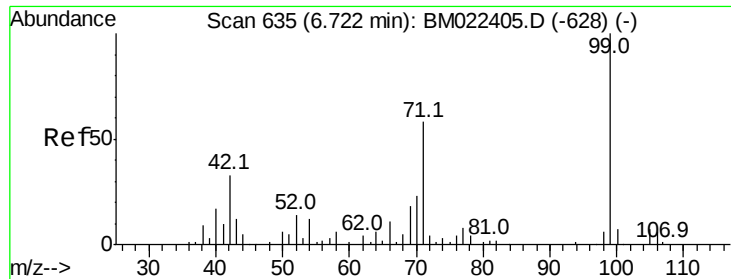
Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	93	Resp:	92749
Ion Ratio	Lower	Upper	
93	100		
66	43.5	34.7	52.1
65	23.7	18.8	28.2





#7

Phenol-d6

Concen: 87.373 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

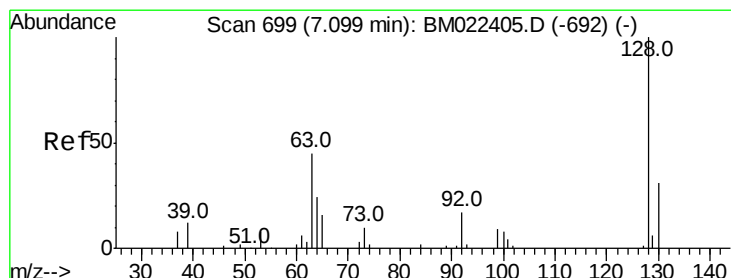
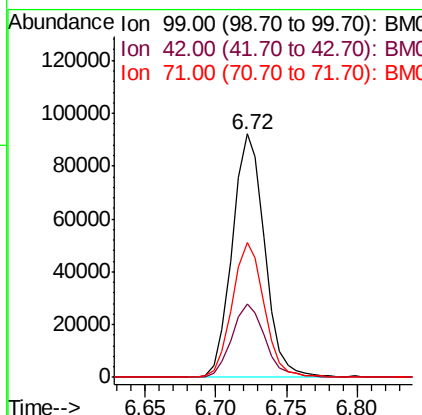
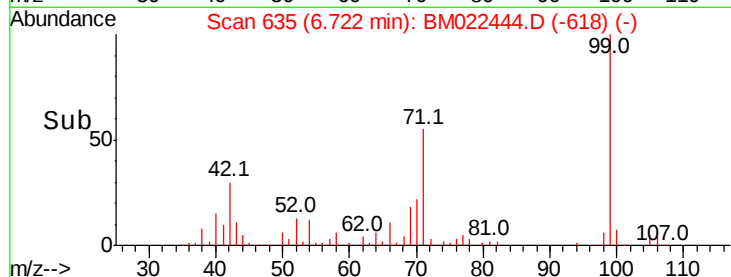
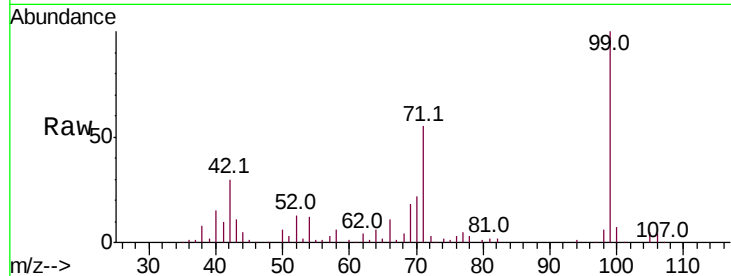
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	147637
Ion Ratio	Lower	Upper	
99	100		
42	30.3	26.3	39.5
71	55.5	46.6	69.8

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#8

2-Chlorophenol

Concen: 42.149 ng

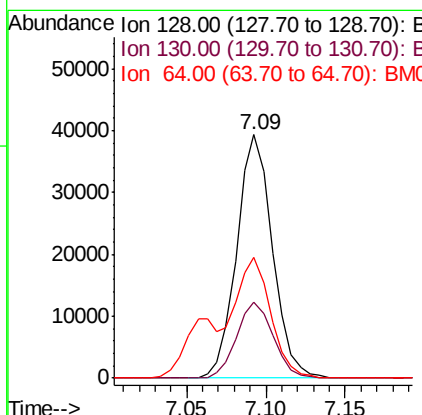
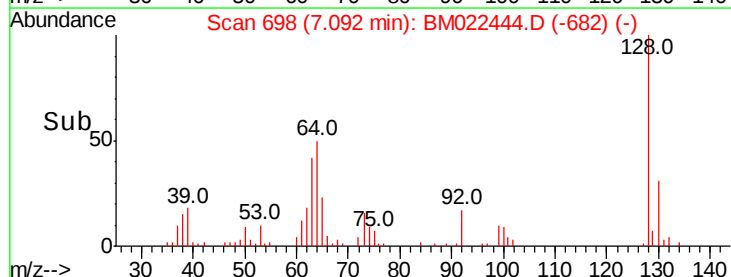
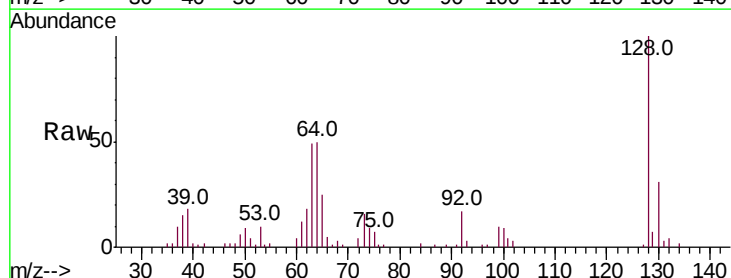
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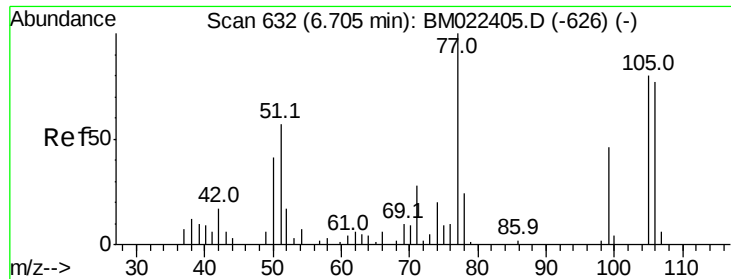
Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	128	Resp:	61303
Ion Ratio	Lower	Upper	
128	100		
130	31.3	11.5	51.5
64	49.6	26.7	66.7





#9

Benzaldehyde

Concen: 46.317 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

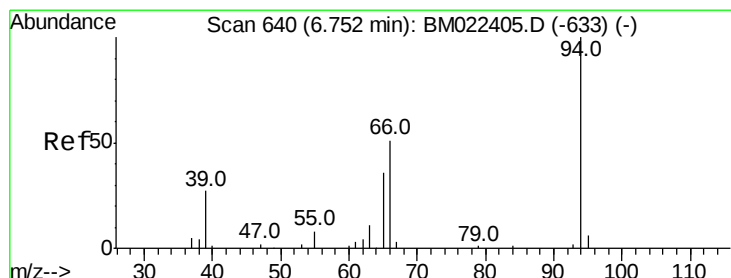
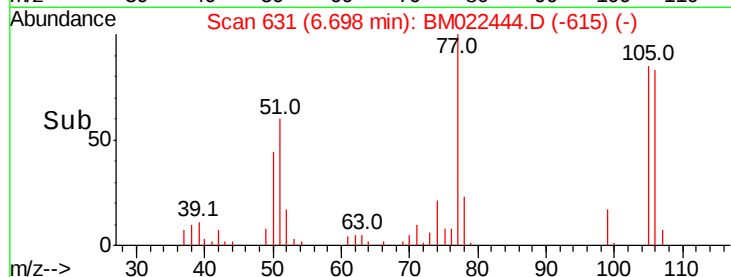
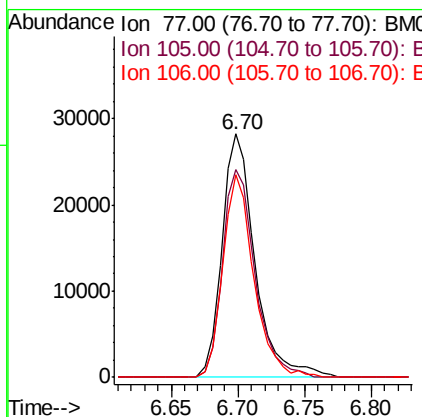
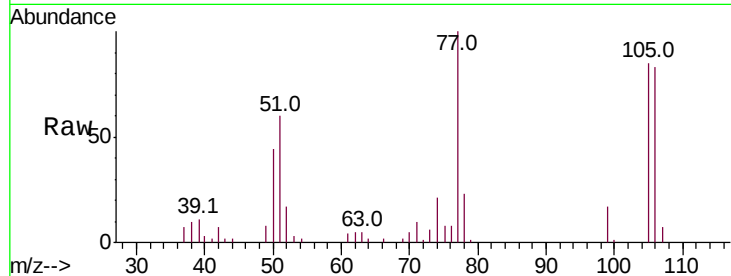
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	48760
Ion	Ratio	Lower	Upper
77	100		
105	85.1	60.1	100.1
106	83.1	57.4	97.4

Manual Integrations
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#10

Phenol

Concen: 42.673 ng

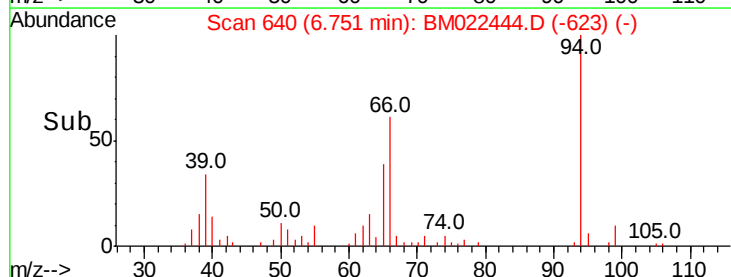
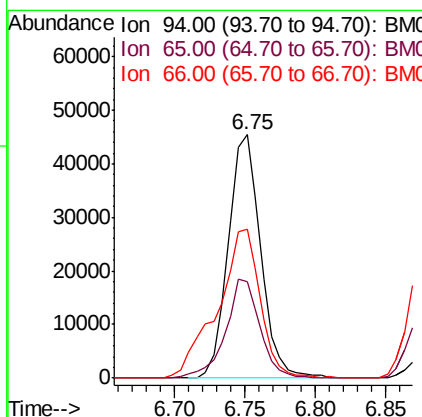
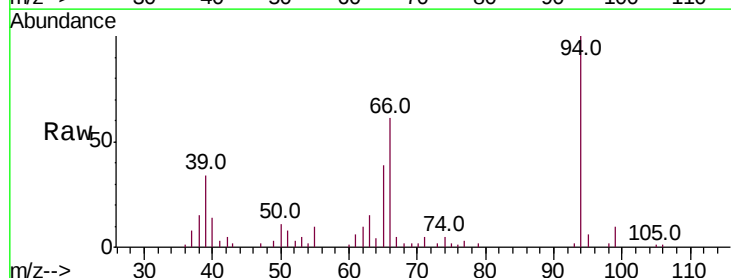
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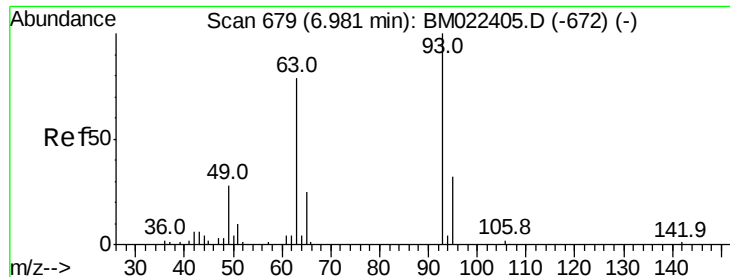
Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	94	Resp:	72438
Ion	Ratio	Lower	Upper
94	100		
65	39.4	17.7	57.7
66	61.3	39.6	79.6





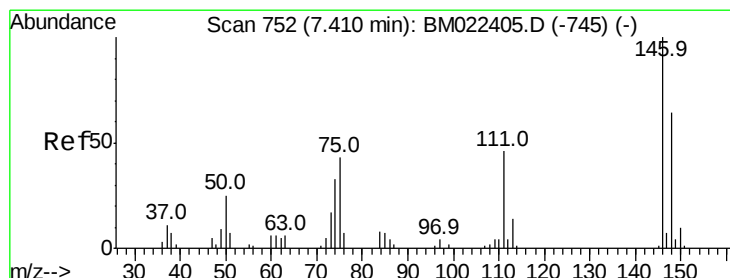
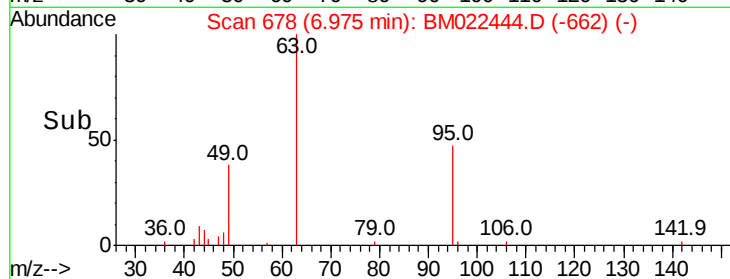
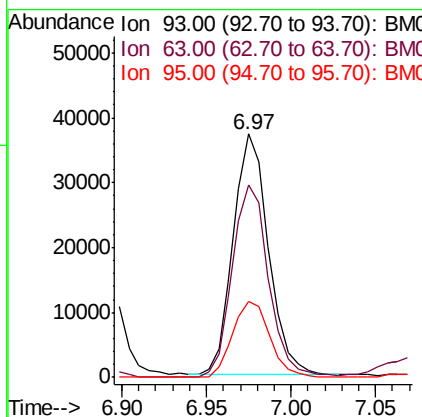
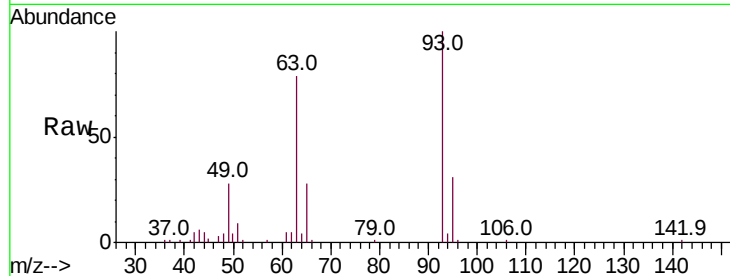
#11
bis(2-Chloroethyl)ether
Concen: 42.118 ng
RT: 6.97 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	53956
Ion Ratio	Lower	Upper	
93	100		
63	79.3	59.1	99.1
95	31.1	12.0	52.0

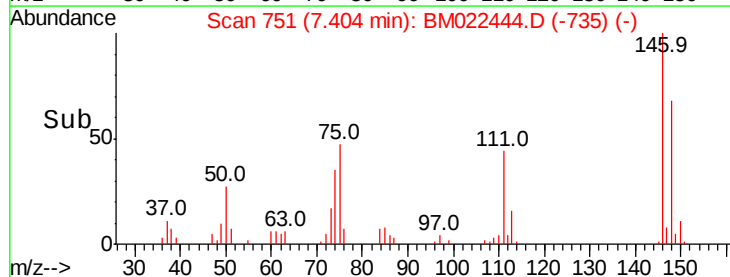
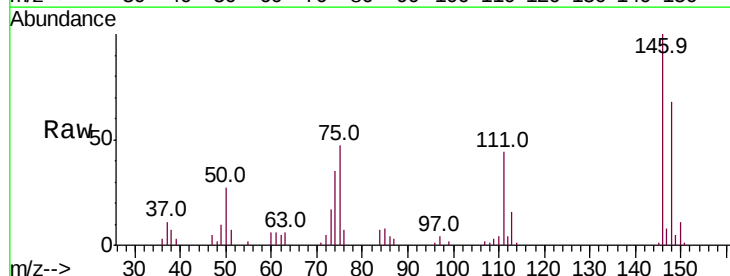
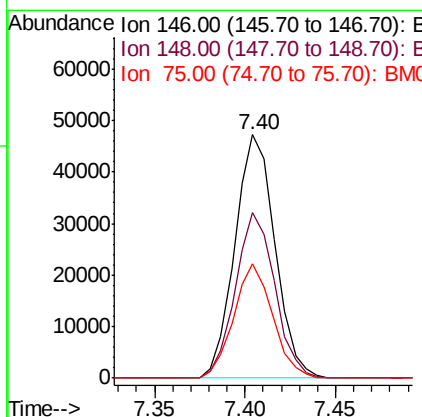
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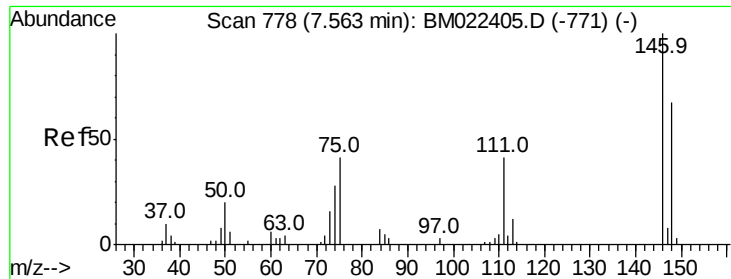
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.010 ng
RT: 7.40 min Scan# 751
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion:	146	Resp:	72370
Ion Ratio	Lower	Upper	
146	100		
148	67.8	51.5	77.3
75	46.9	34.6	52.0





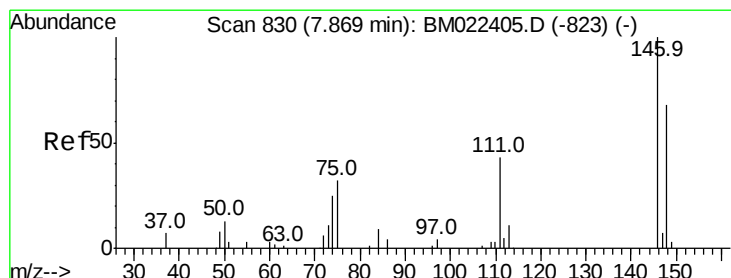
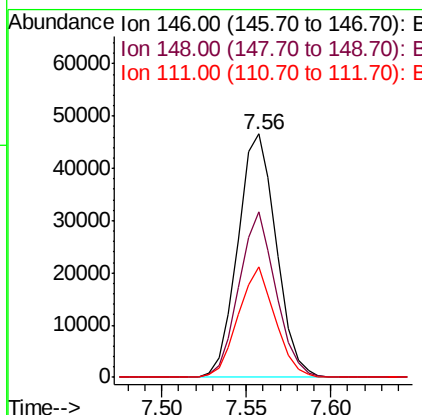
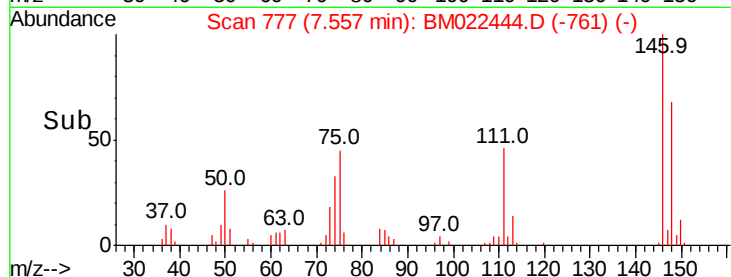
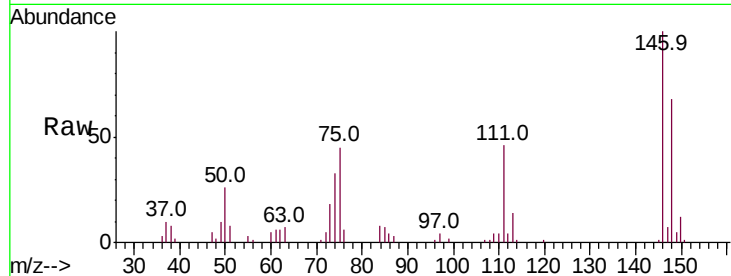
#13
 1,4-Dichlorobenzene
 Concen: 41.074 ng
 RT: 7.56 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	53.4	80.0
111	45.6	33.5	50.3

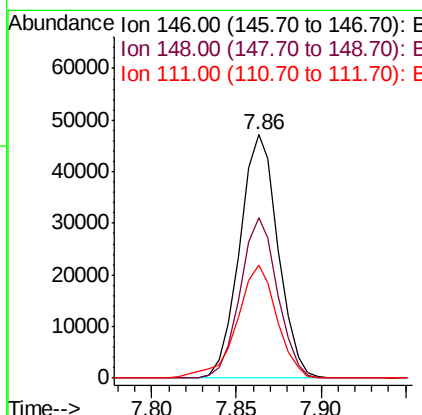
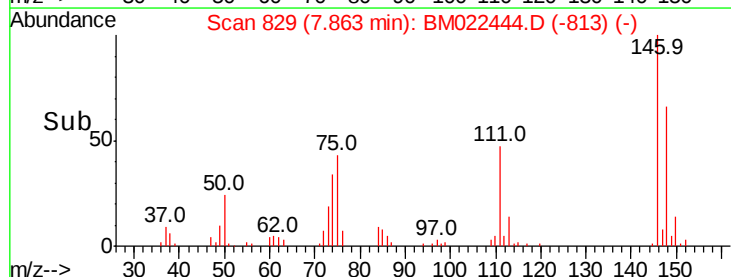
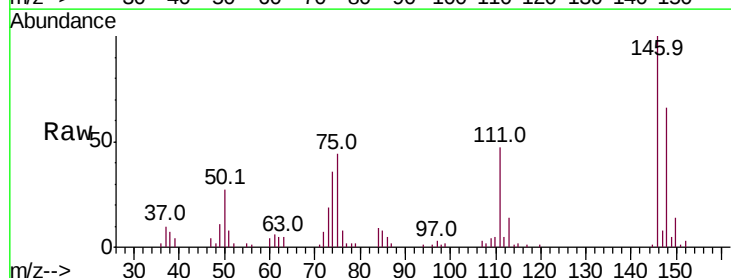
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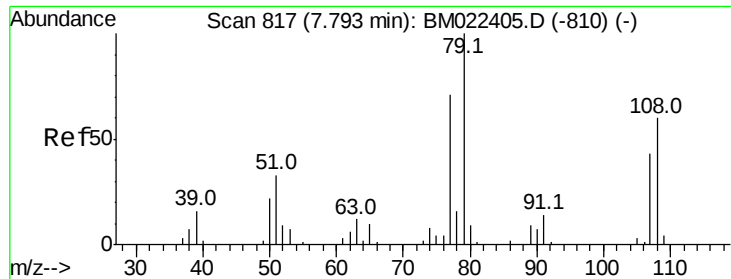
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#14
 1,2-Dichlorobenzene
 Concen: 41.438 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	54.7	82.1
111	46.6	36.7	55.1





#15

Benzyl Alcohol

Concen: 45.431 ng

RT: 7.79 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

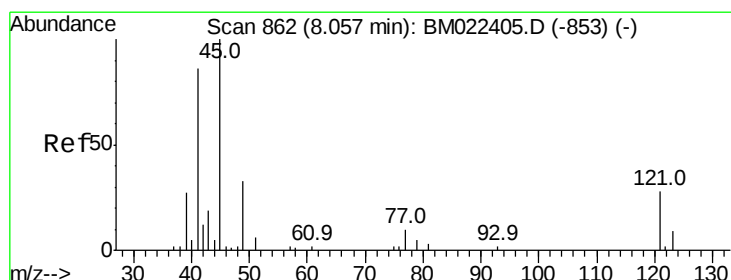
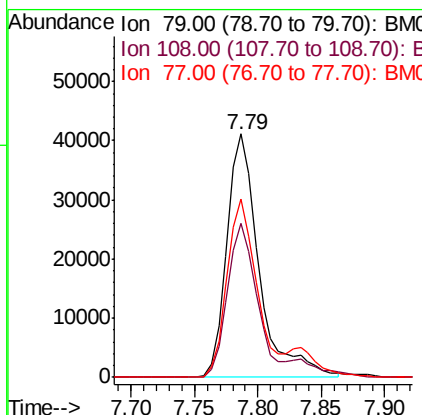
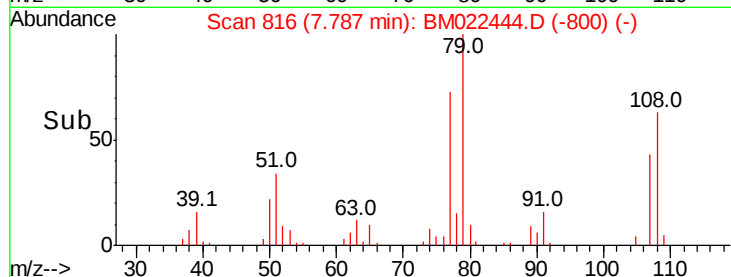
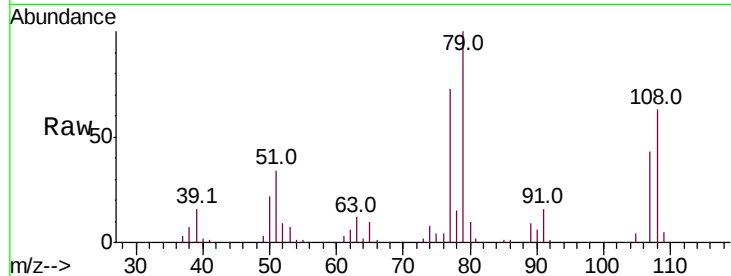
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	72829
Ion Ratio	Lower	Upper	
79	100		
108	63.4	48.2	72.4
77	73.1	56.6	85.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.379 ng

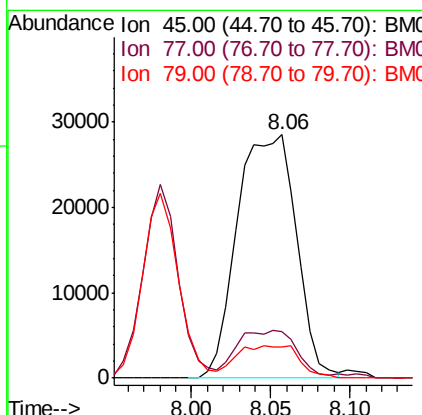
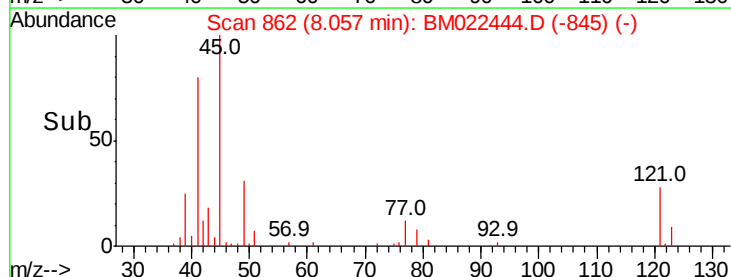
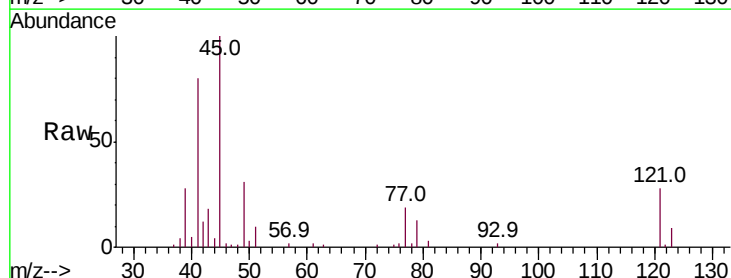
RT: 8.06 min Scan# 862

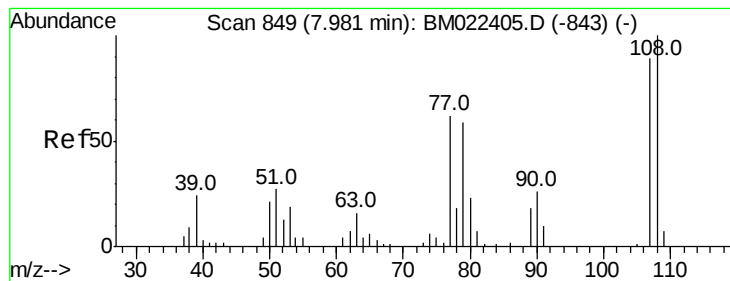
Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	45	Resp:	73677
Ion Ratio	Lower	Upper	
45	100		
77	19.2	0.4	40.4
79	13.0	0.0	35.6





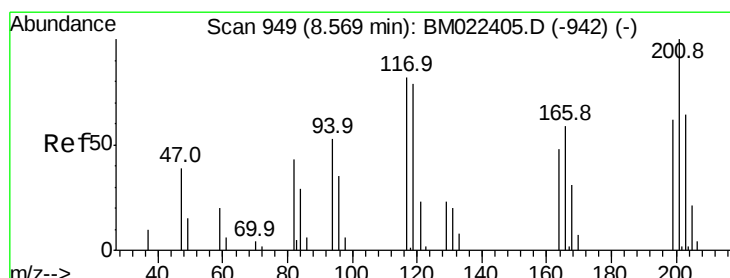
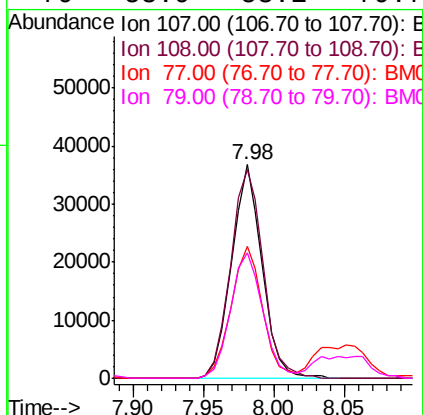
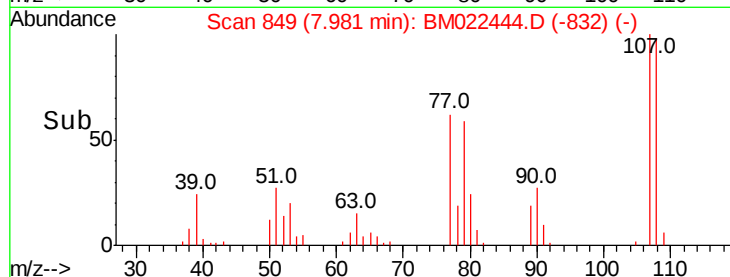
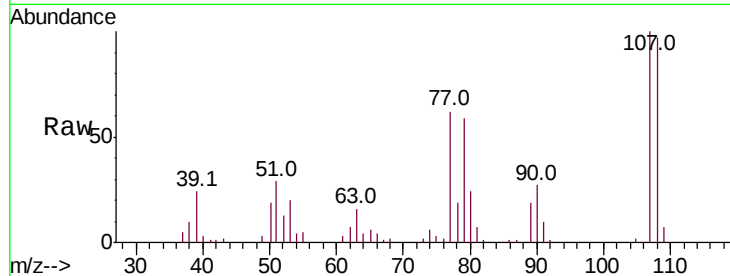
#17
2-Methylphenol
Concen: 44.807 ng
RT: 7.98 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	97.4	89.6	134.4
77	61.6	55.3	82.9
79	58.9	53.1	79.7

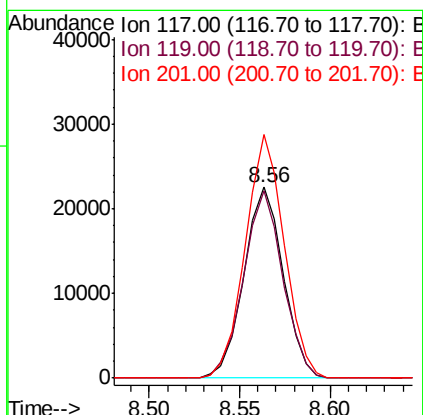
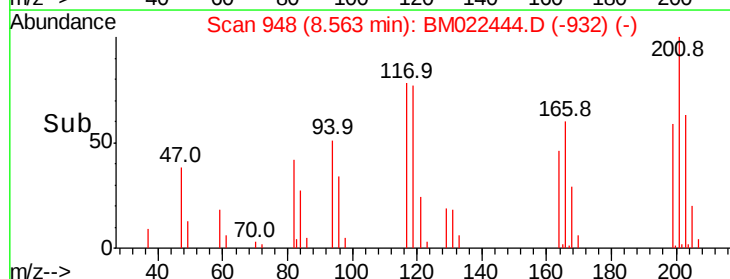
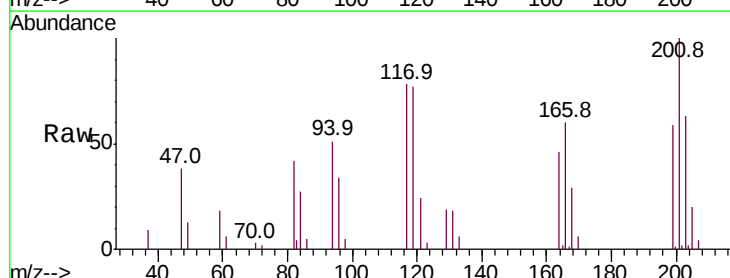
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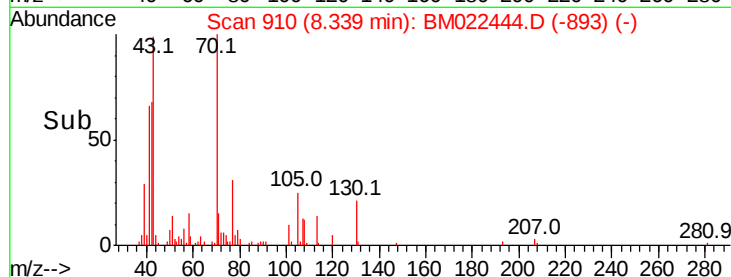
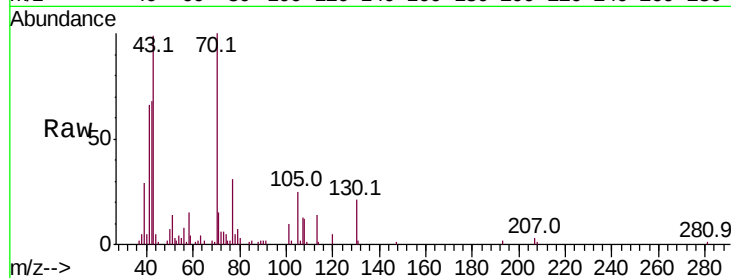
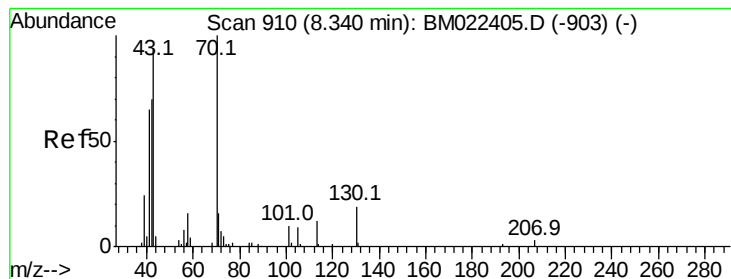
mohammad
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#18
Hexachloroethane
Concen: 40.944 ng
RT: 8.56 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
201	130.5	99.6	149.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.480 ng

RT: 8.34 min Scan# 910

Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

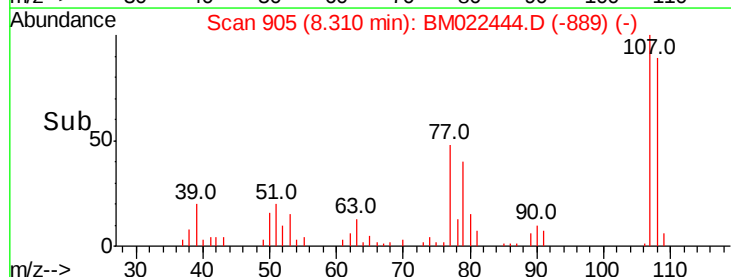
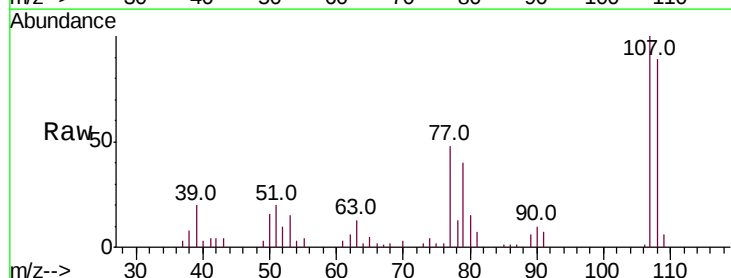
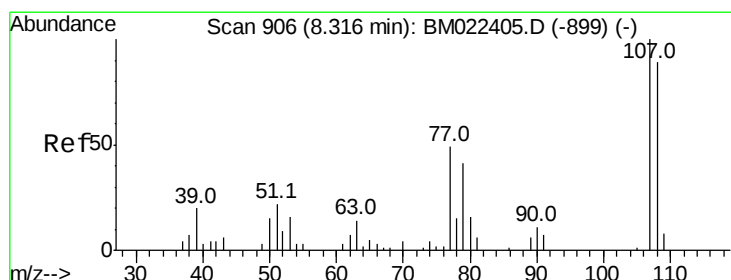
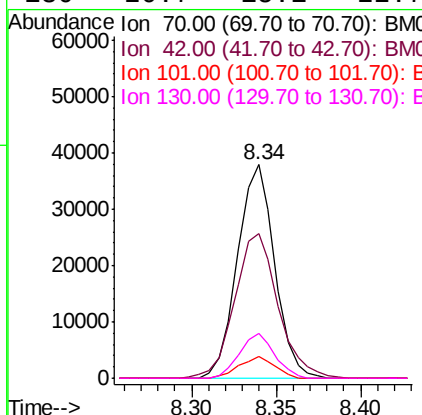
ClientSampleId :

SSTDCCC040

Tot Ion:	70	Resp:	58332
Ion Ratio	Lower	Upper	
70	100		
42	68.0	56.2	84.4
101	9.9	7.6	11.4
130	20.7	15.1	22.7

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#20

3+4-Methylphenols

Concen: 45.041 ng

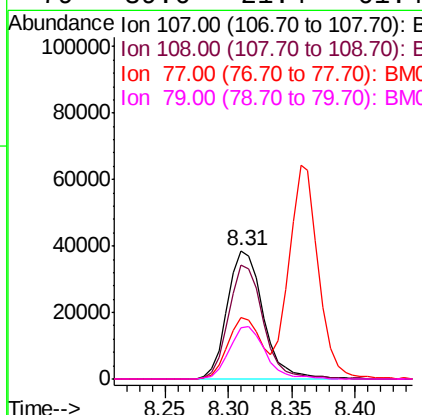
RT: 8.31 min Scan# 905

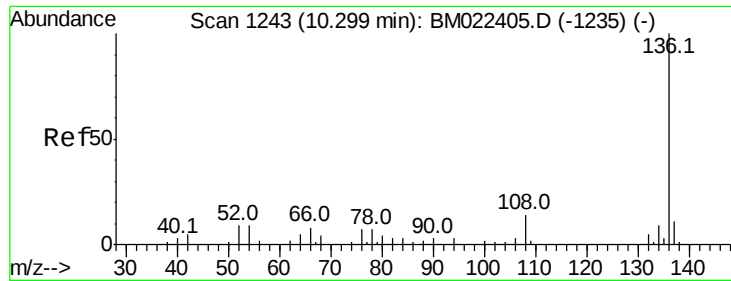
Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	107	Resp:	75507
Ion Ratio	Lower	Upper	
107	100		
108	89.1	68.5	108.5
77	48.1	29.0	69.0
79	39.6	21.4	61.4





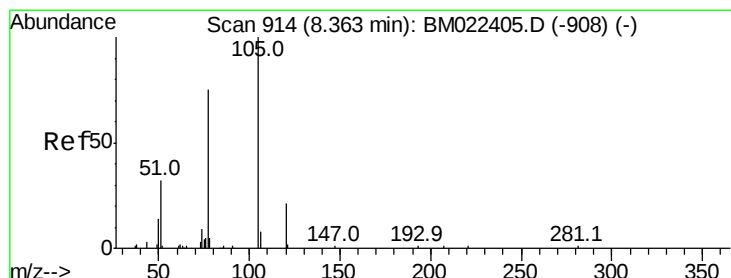
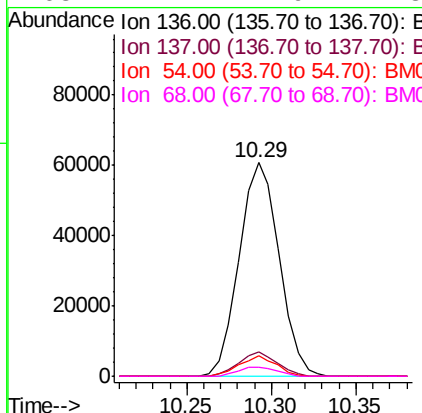
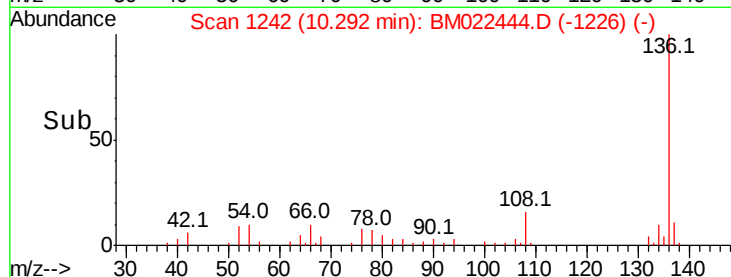
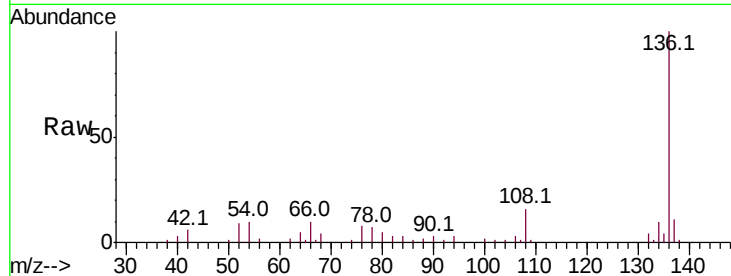
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.6	13.0	
54	9.9	7.0	10.6	
68	4.1	2.9	4.3	

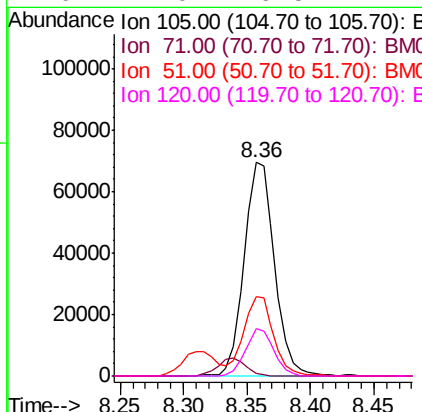
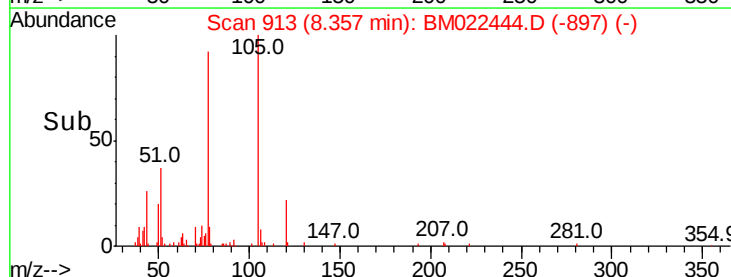
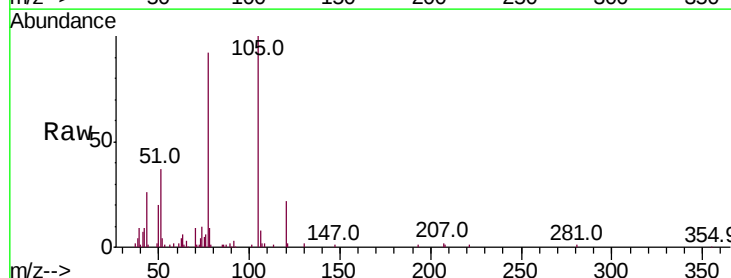
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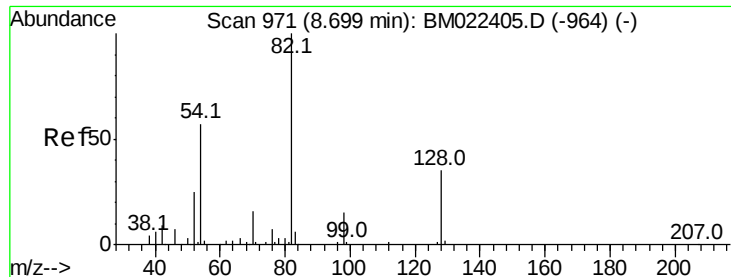
mohammad
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#22
Acetophenone
Concen: 41.823 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	0.6	1.0#	
51	37.5	30.6	46.0	
120	22.0	16.5	24.7	





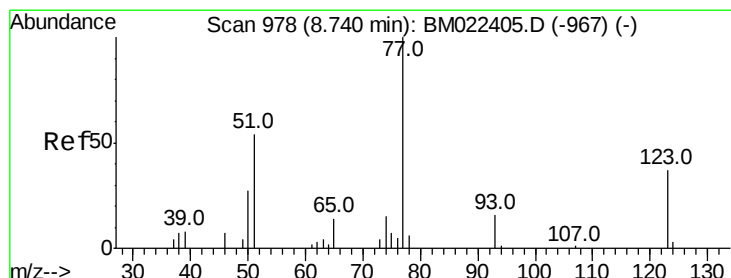
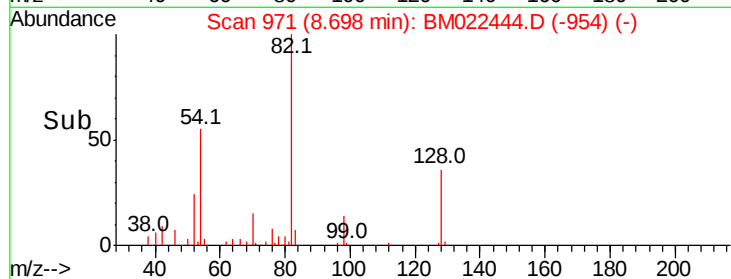
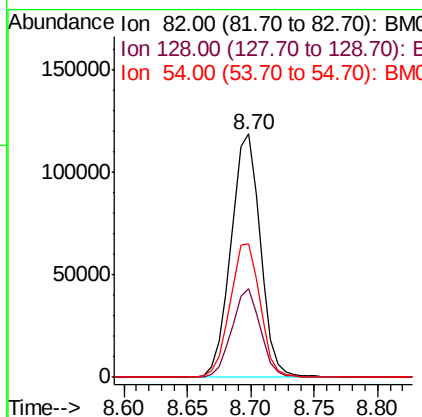
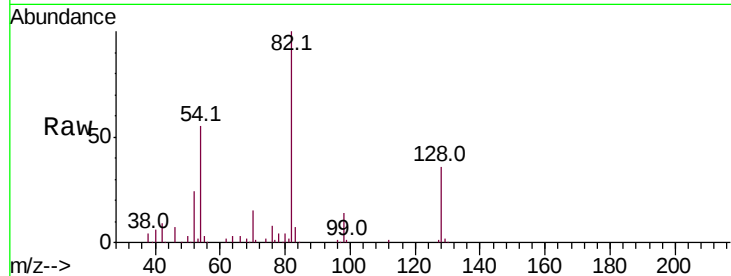
#23
 Nitrobenzene-d5
 Concen: 83.314 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	27.9	41.9
54	54.6	45.2	67.8

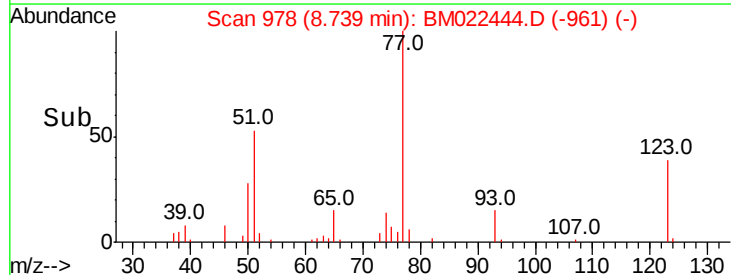
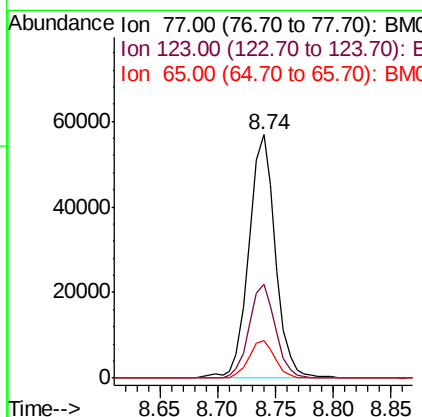
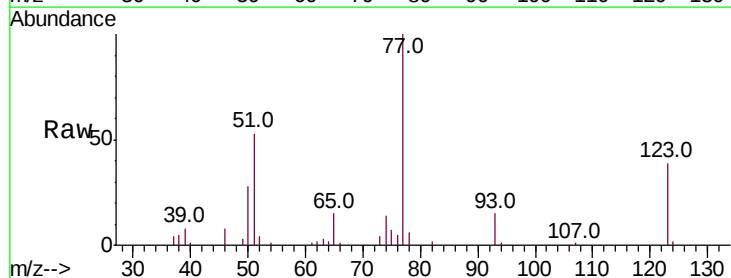
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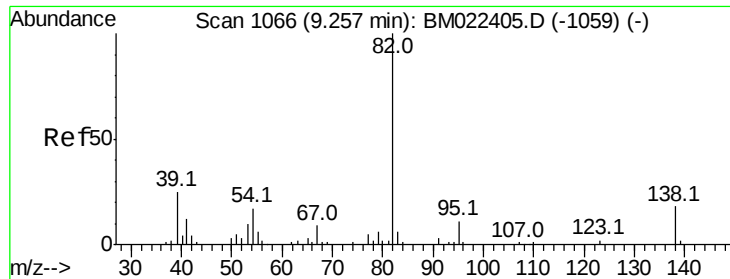
mohammad
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#24
 Nitrobenzene
 Concen: 41.530 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	30.0	45.0
65	15.4	11.5	17.3





#25

Isophorone

Concen: 43.961 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

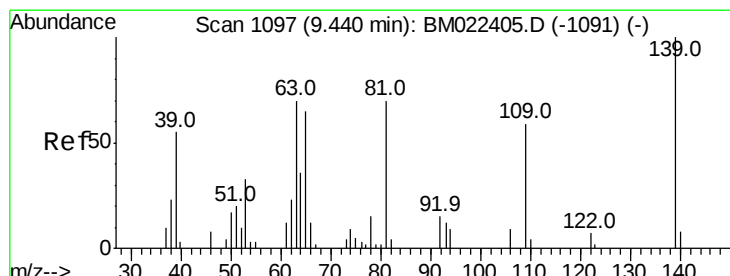
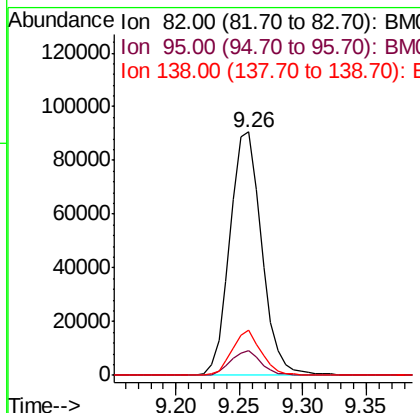
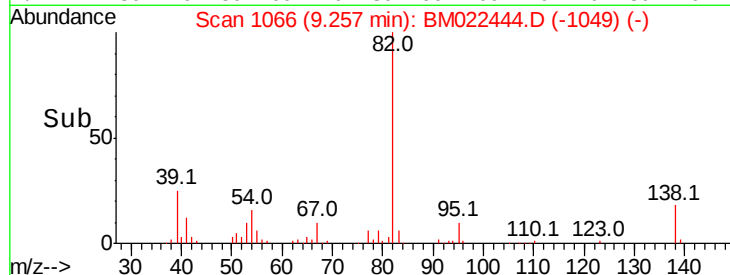
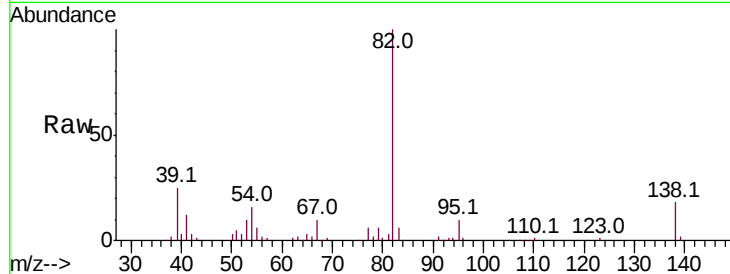
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	157689
Ion Ratio	Lower	Upper	
82	100		
95	10.4	8.6	13.0
138	18.5	14.4	21.6

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#26

2-Nitrophenol

Concen: 43.717 ng

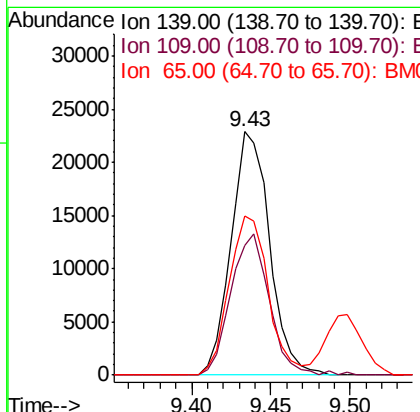
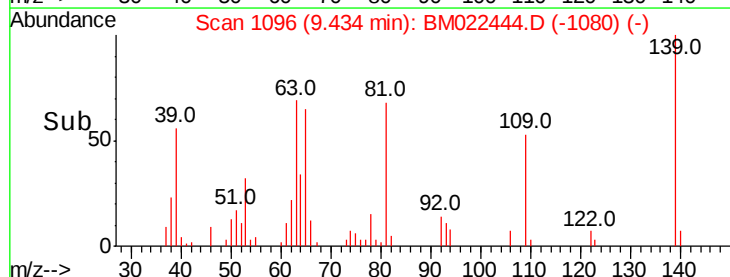
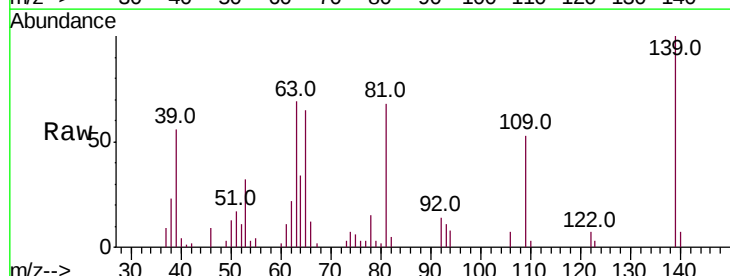
RT: 9.43 min Scan# 1096

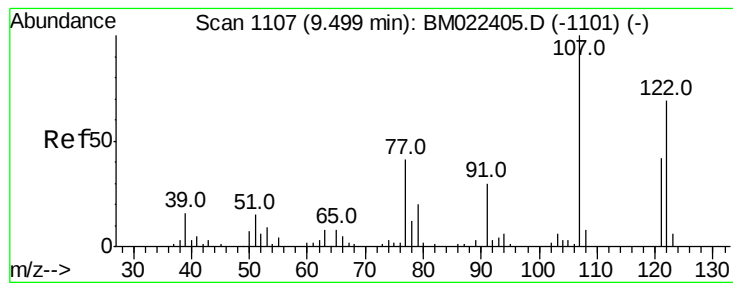
Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	139	Resp:	38511
Ion Ratio	Lower	Upper	
139	100		
109	53.4	47.0	70.4
65	65.3	52.3	78.5





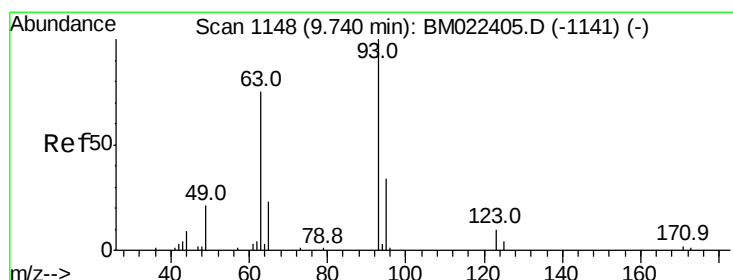
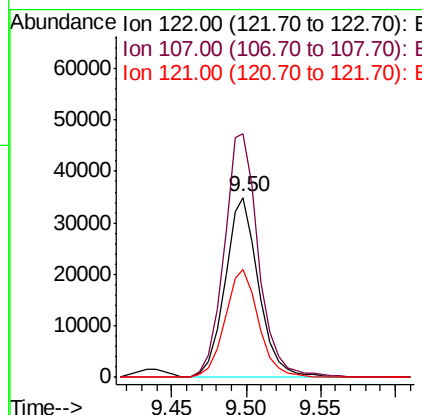
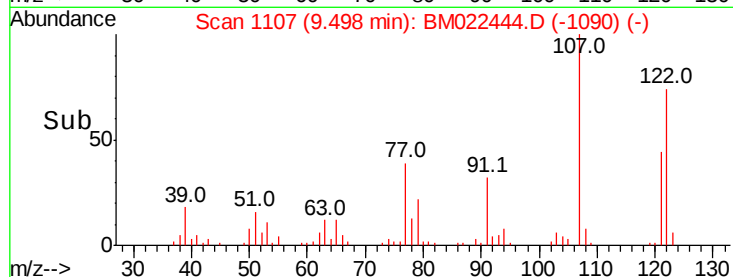
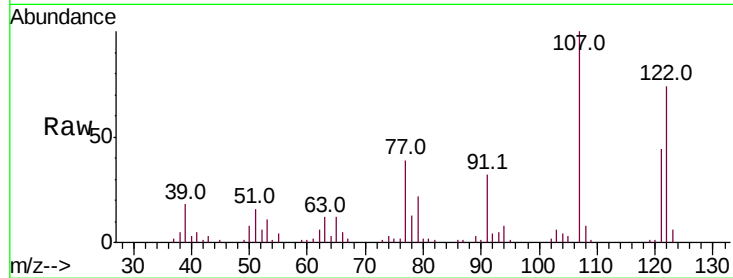
#27
 2,4-Dimethylphenol
 Concen: 41.697 ng
 RT: 9.50 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.2	116.2	174.4
121	59.9	49.1	73.7

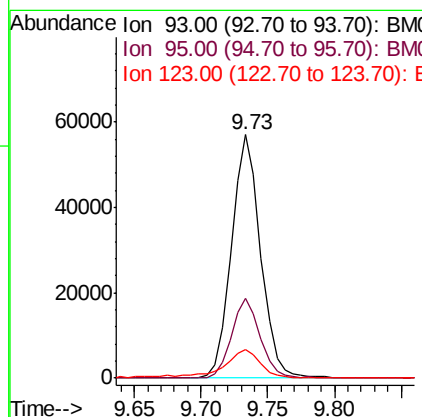
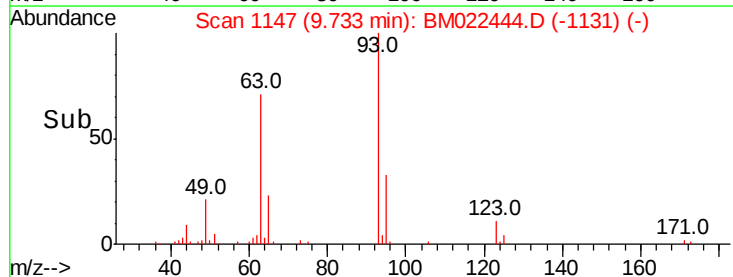
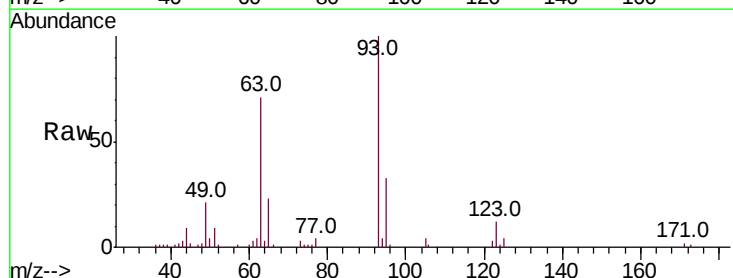
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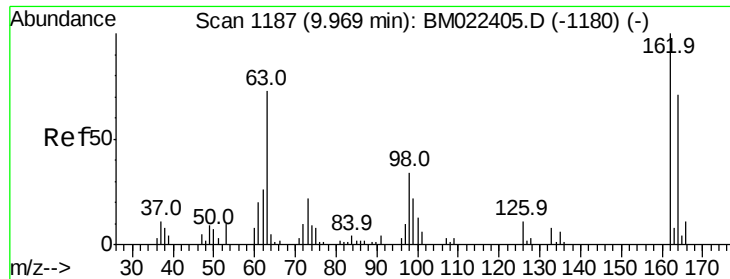
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.725 ng
 RT: 9.73 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.5	41.3
123	11.6	9.6	14.4





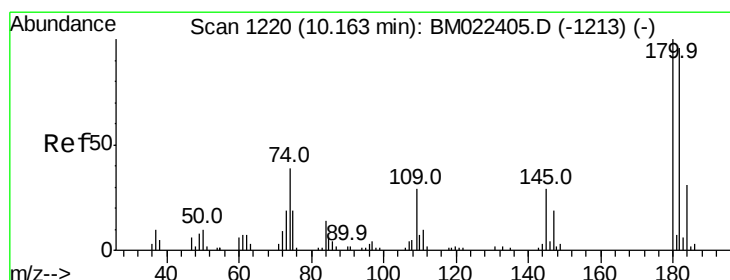
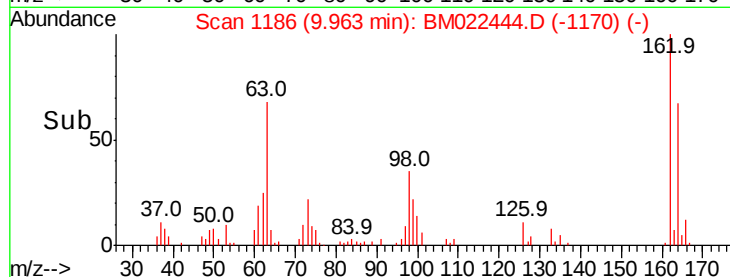
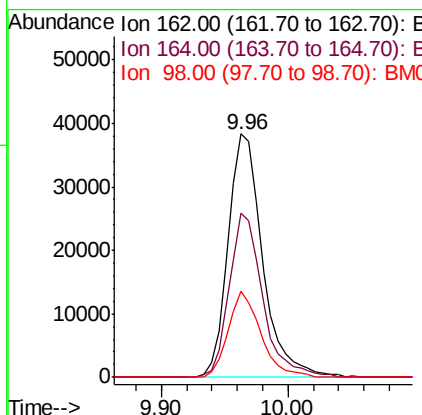
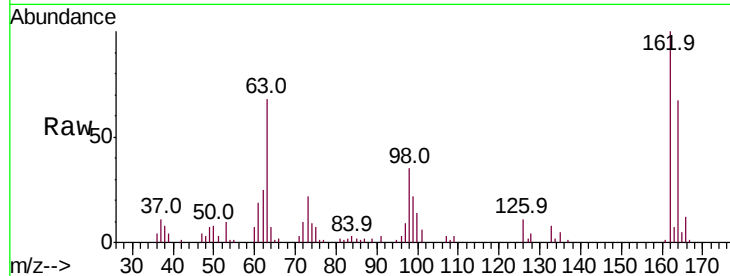
#29
 2,4-Dichlorophenol
 Concen: 41.980 ng
 RT: 9.96 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	72175		
164	67.4		51.2	91.2
98	35.3		14.1	54.1

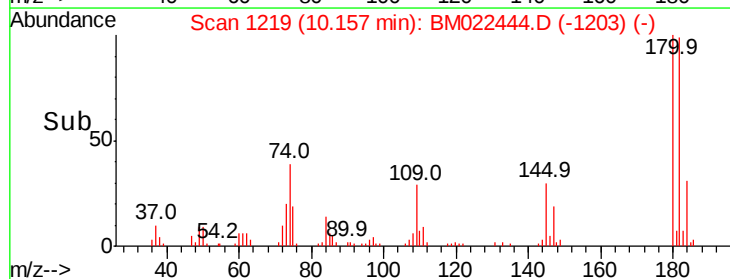
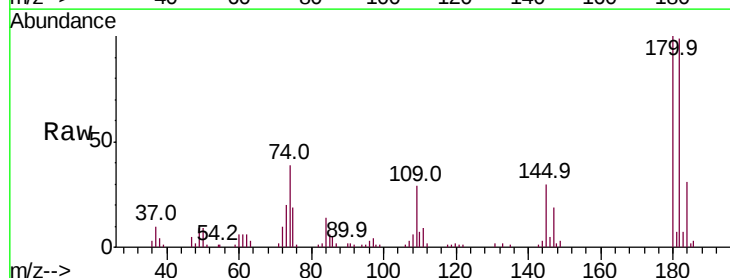
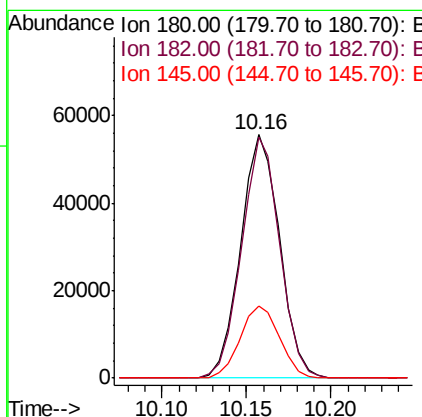
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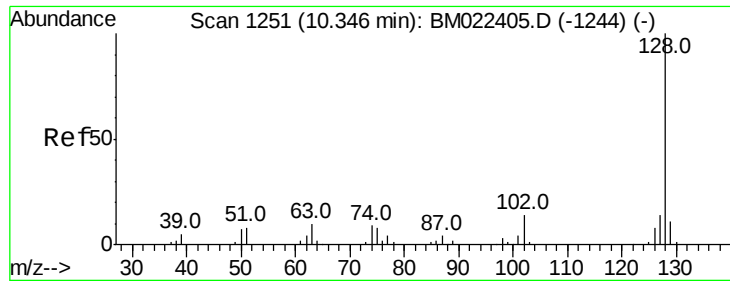
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.617 ng
 RT: 10.16 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88923		
182	99.0		77.0	115.4
145	29.7		23.0	34.6





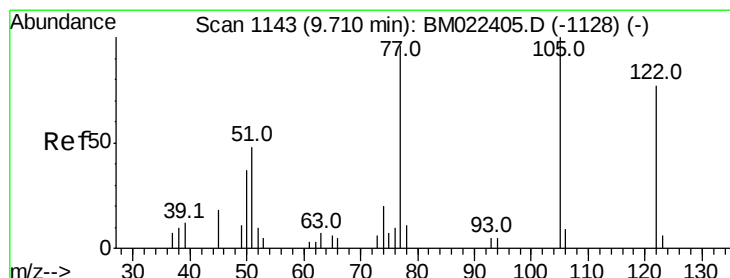
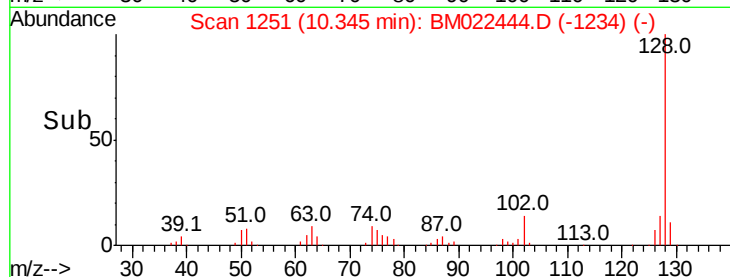
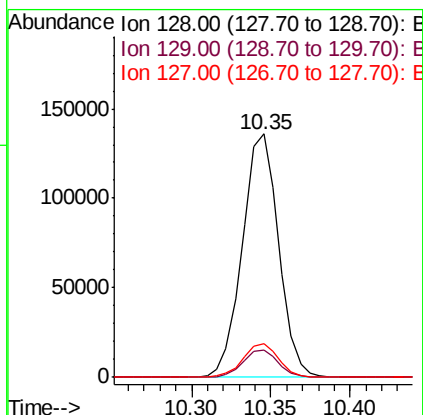
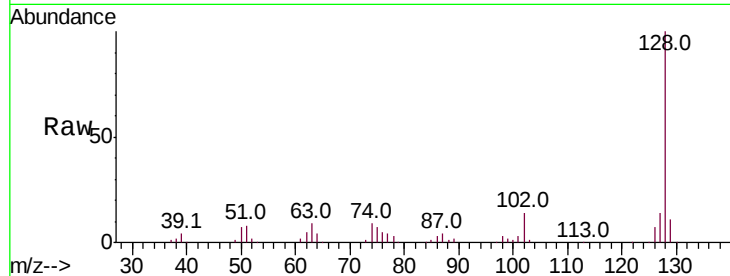
#31
Naphthalene
Concen: 41.541 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.8	11.0	16.4

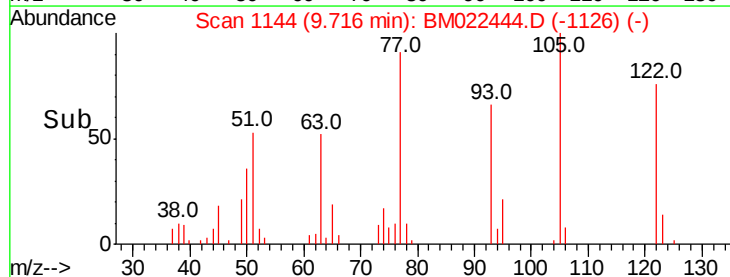
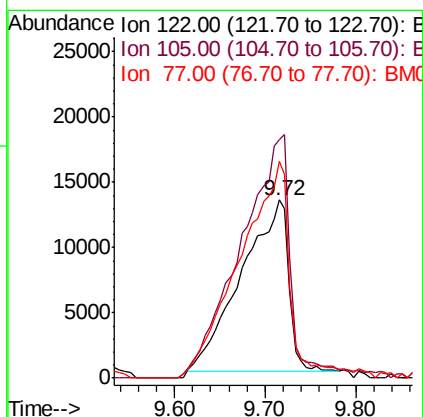
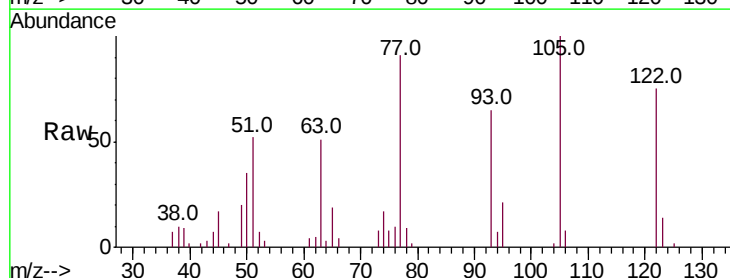
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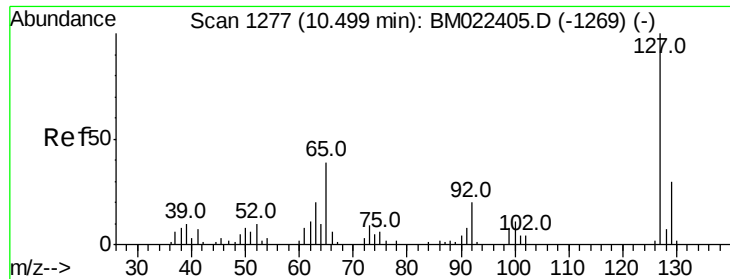
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#32
Benzoic acid
Concen: 46.027 ng
RT: 9.72 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.8	109.3	149.3
77	121.9	105.5	145.5





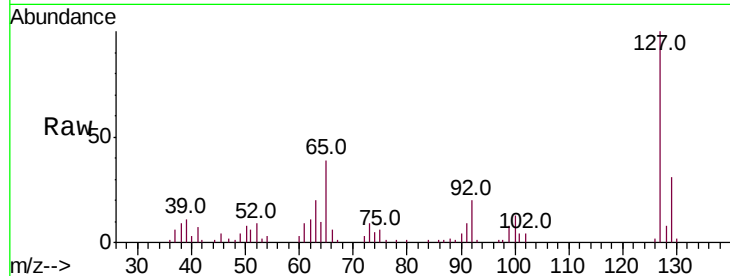
#33
4-Chloroaniline
Concen: 43.178 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.2	36.2
65	38.8	31.0	46.4
92	19.5	16.4	24.6

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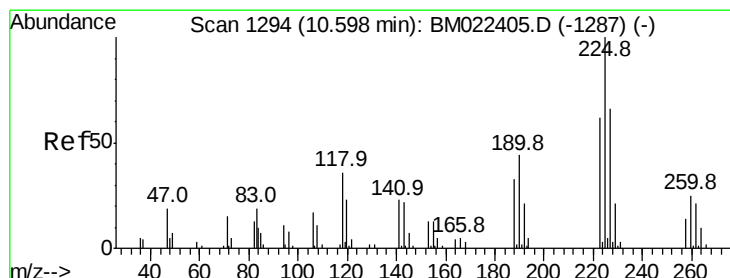
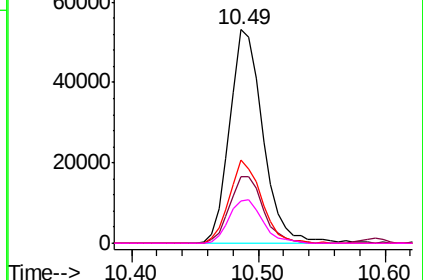
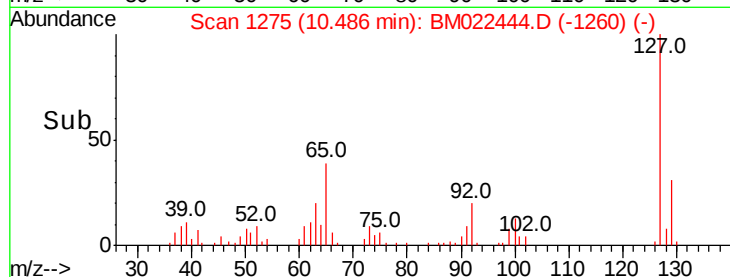
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

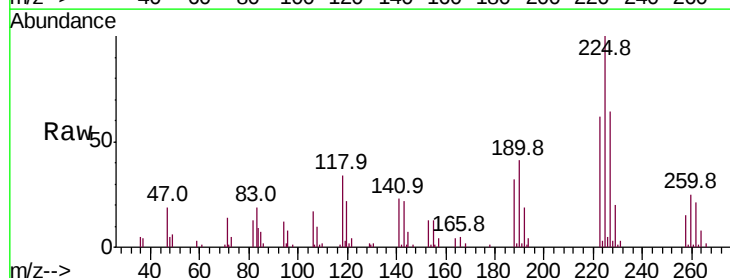
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.865 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.3	73.9
227	64.0	52.6	79.0

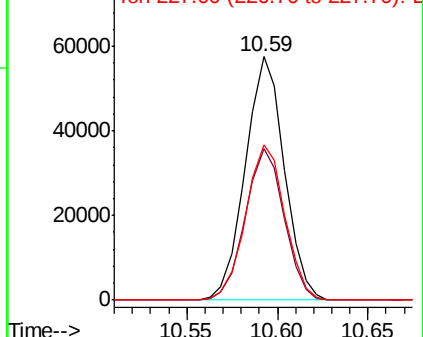
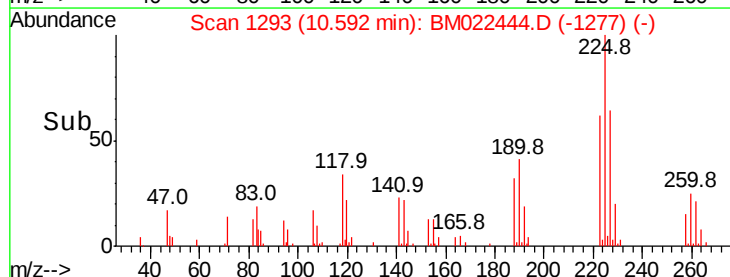


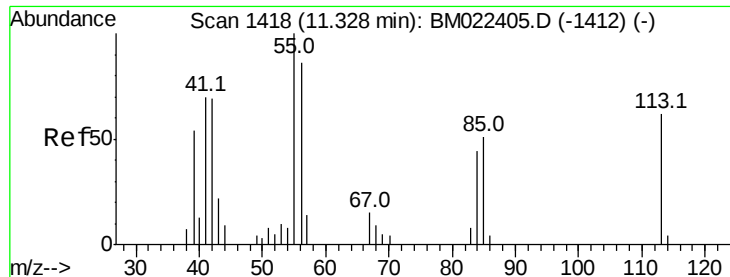
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.054 ng/ml

RT: 11.34 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 21436

Ion Ratio Lower Upper

113 100

55 152.8 140.0 180.0

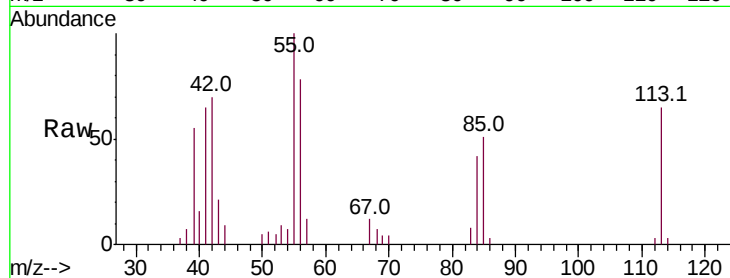
56 118.9 117.6 157.6

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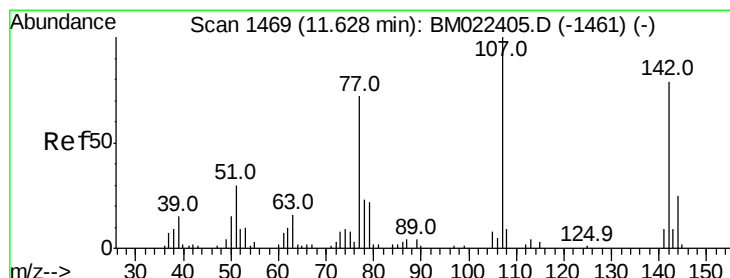
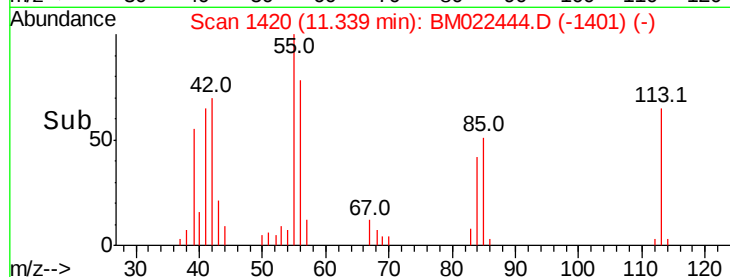
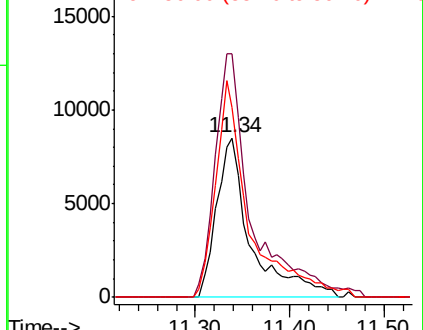
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.927 ng/ml

RT: 11.62 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

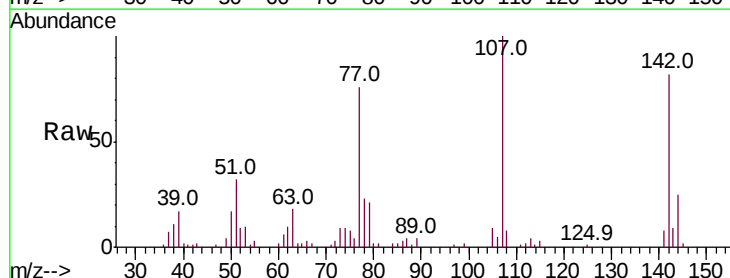
Tgt Ion:107 Resp: 77787

Ion Ratio Lower Upper

107 100

144 25.3 19.8 29.6

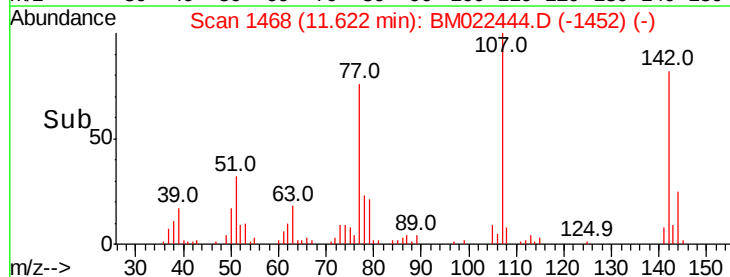
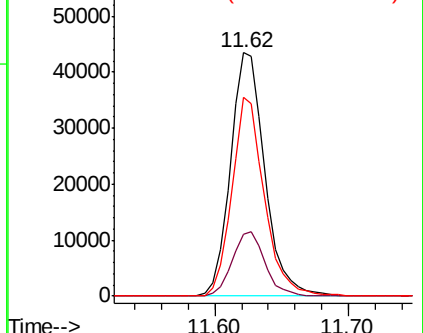
142 81.8 63.1 94.7

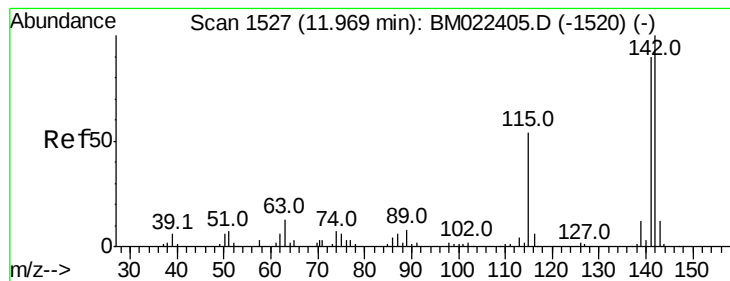


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





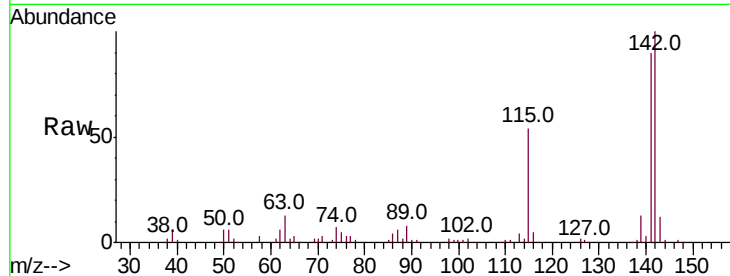
#37
2-Methylnaphthalene
Concen: 41.348 ng
RT: 11.97 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

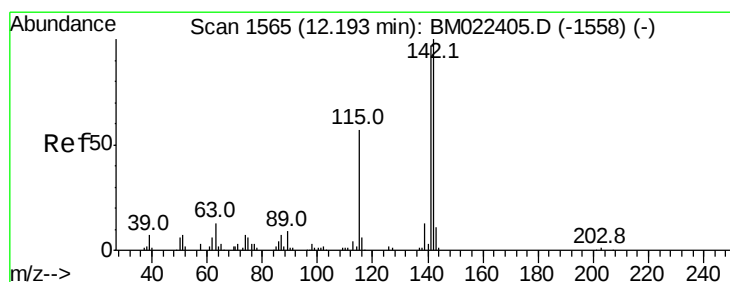
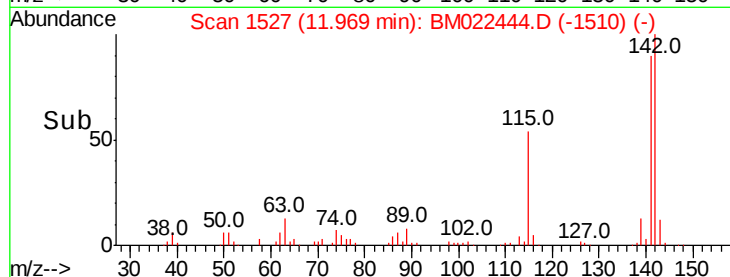
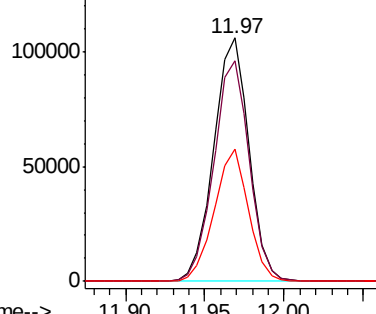
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.2	108.2
115	54.2	43.2	64.8

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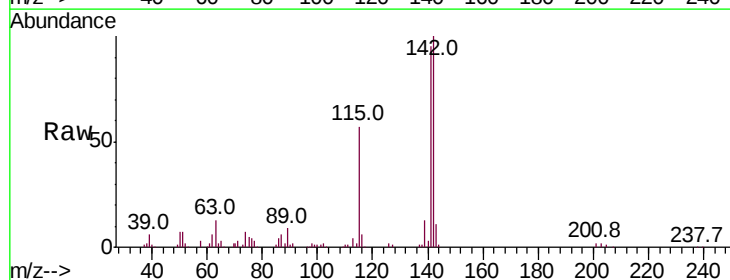


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

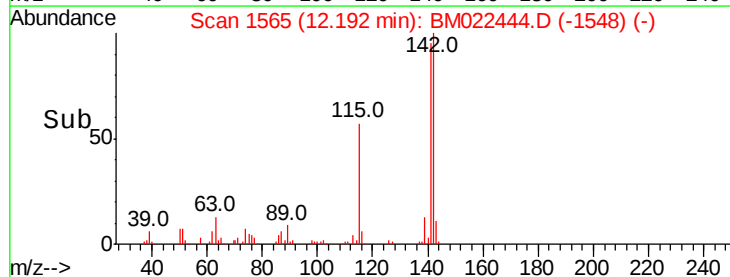
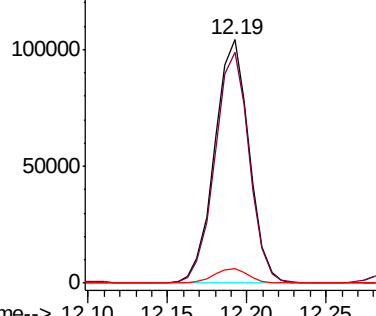


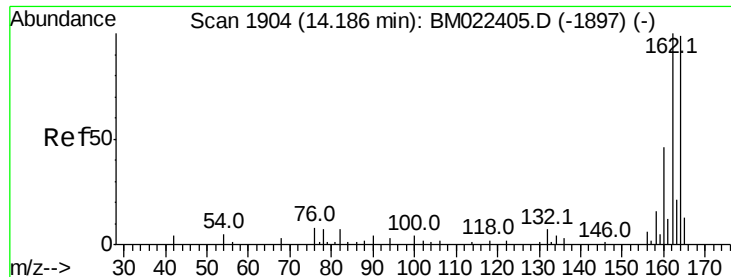
#38
1-Methylnaphthalene
Concen: 41.089 ng
RT: 12.19 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	77.3	115.9
116	5.8	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





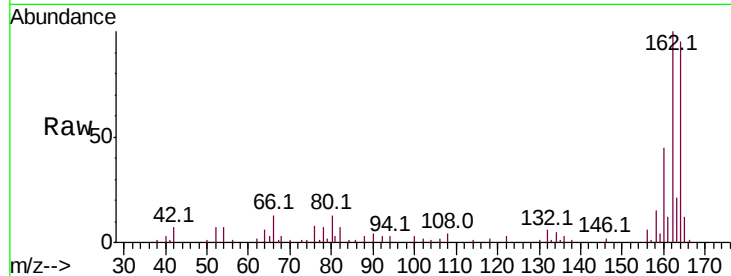
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.6	121.0
160	47.1	37.3	55.9

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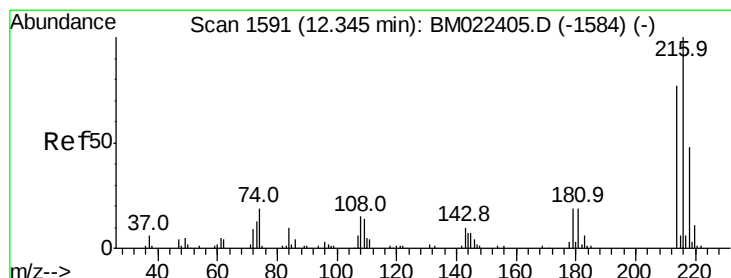
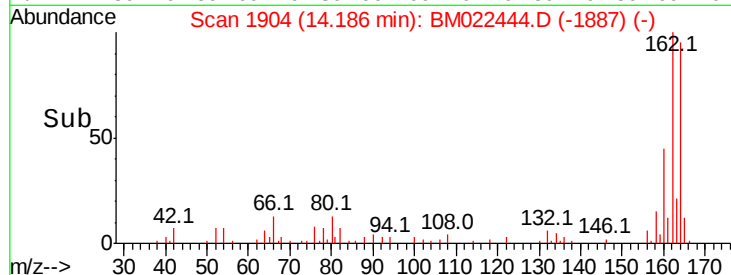
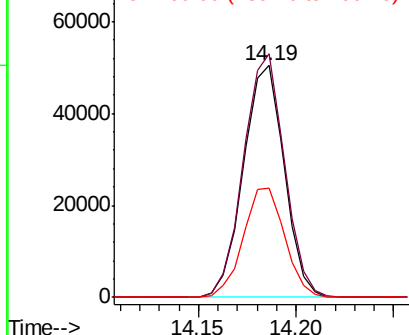


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.635 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	61.0	91.4
179	18.8	15.2	22.8
108	15.3	12.9	19.3

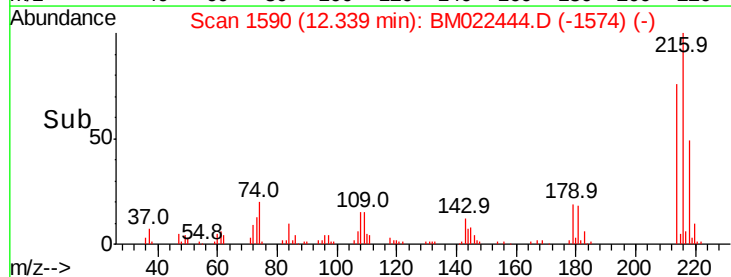
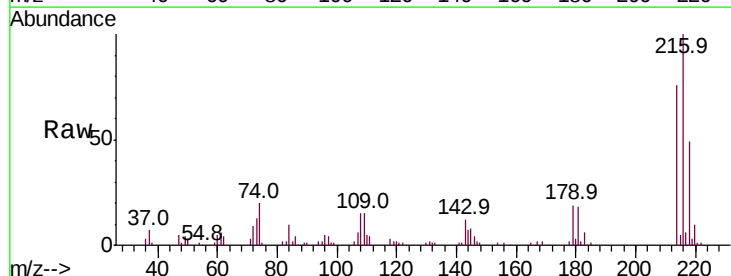
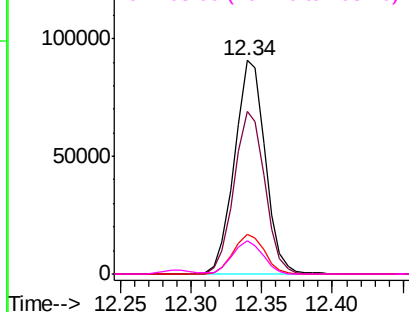
Abundance

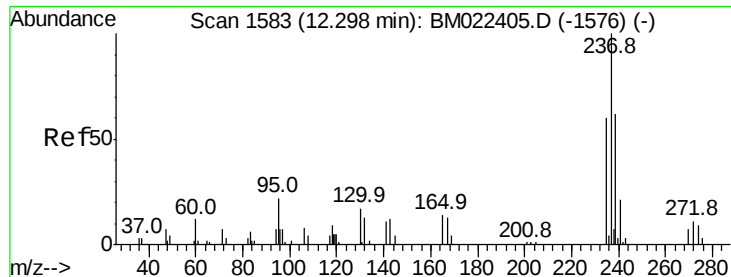
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.243 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

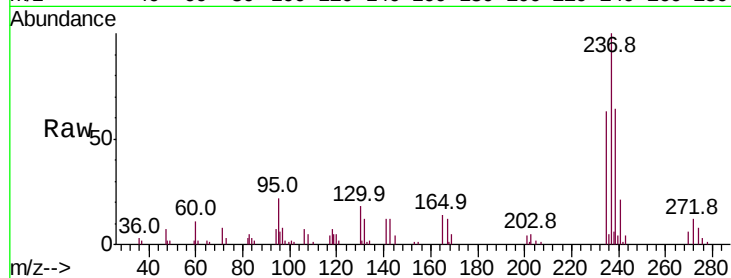
ClientSampleId :

SSTDCCC040

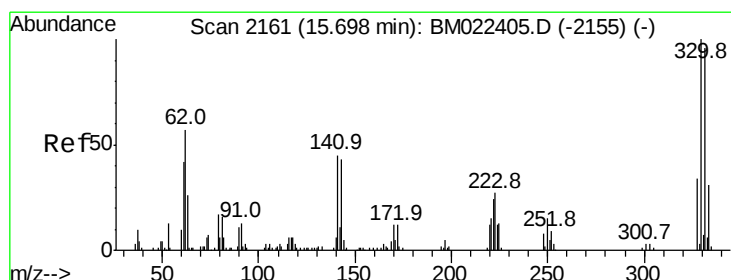
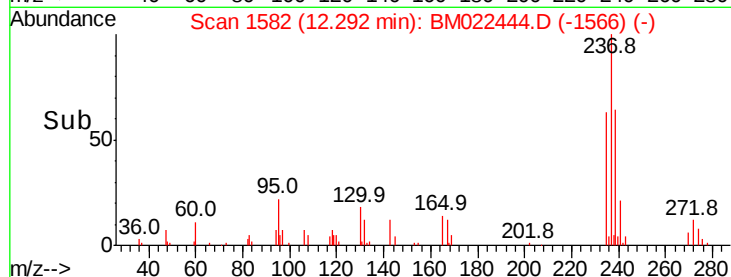
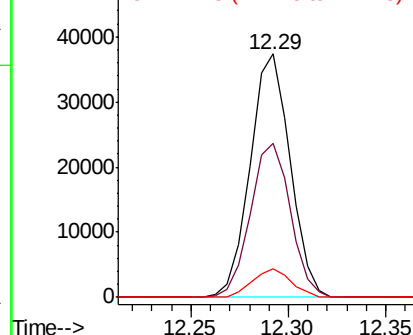
Tot Ion:	237	Resp:	52972
Ion Ratio	Lower	Upper	
237	100		
235	63.3	40.5	80.5
272	11.7	0.0	30.8

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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: 80.606 ng

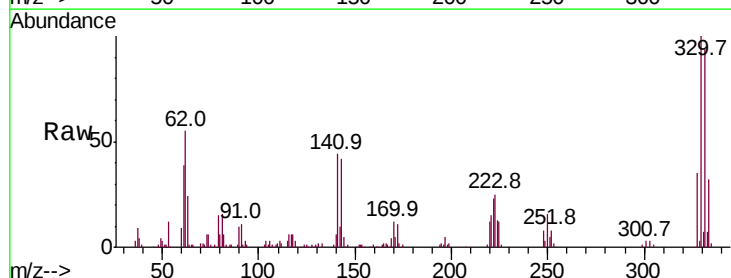
RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

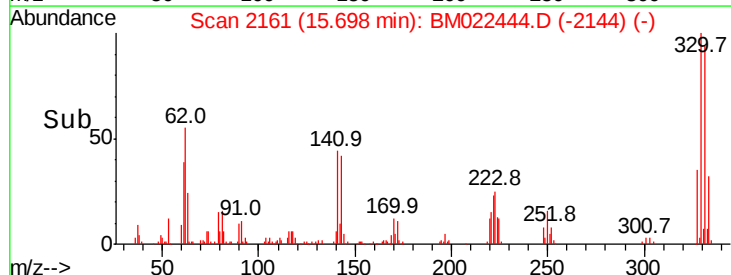
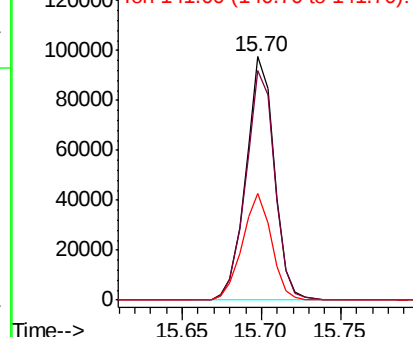
Lab File: BM022444.D

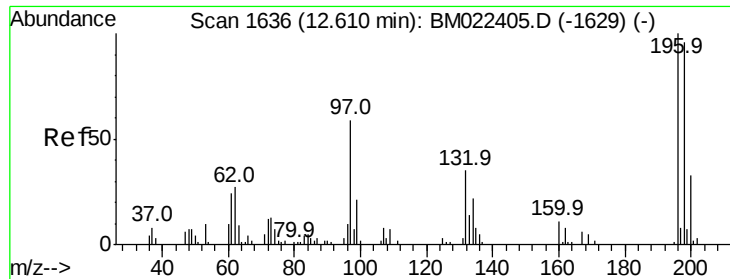
Acq: 30 Aug 2019 17:02

Tgt Ion:	330	Resp:	120674
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.8	116.8
141	45.0	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





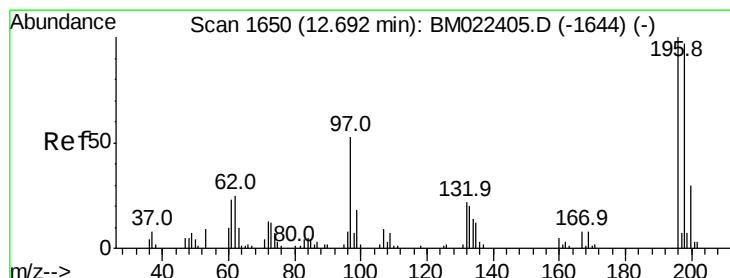
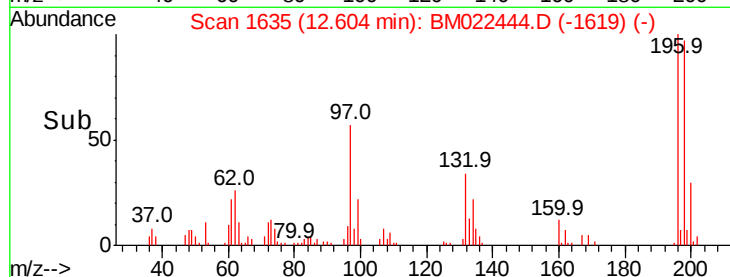
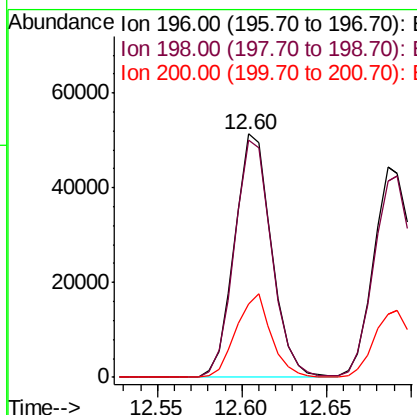
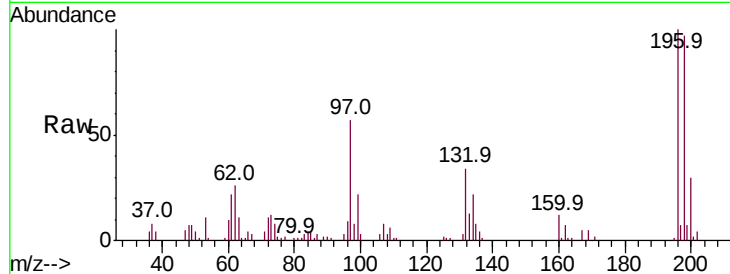
#43
 2,4,6-Trichlorophenol
 Concen: 41.868 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	78467		
198	97.4	77.0	115.6	
200	30.2	26.3	39.5	

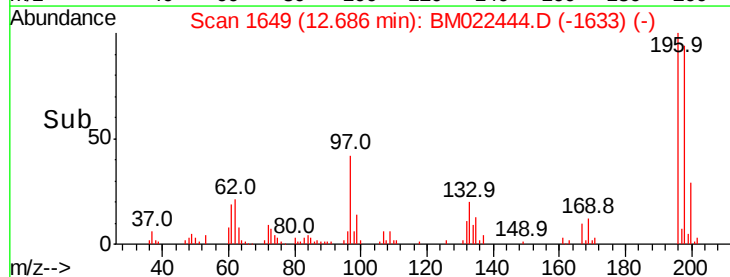
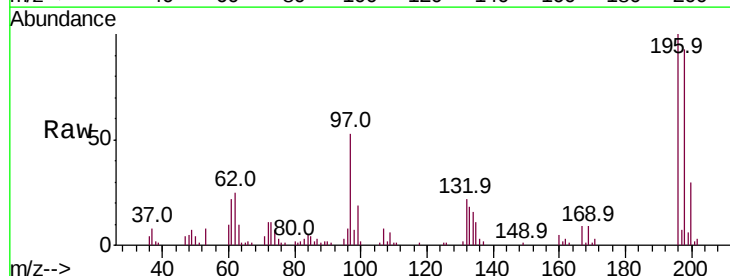
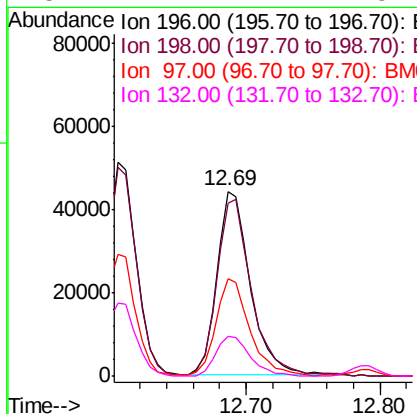
Manual Integrations
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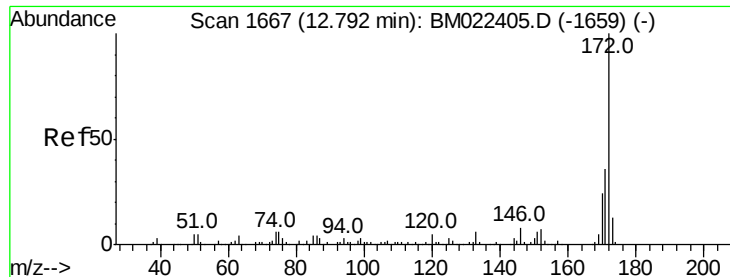
mohammad
 8/31/2019 2:43:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.317 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76782		
198	93.4	76.6	115.0	
97	52.7	41.7	62.5	
132	21.7	17.1	25.7	





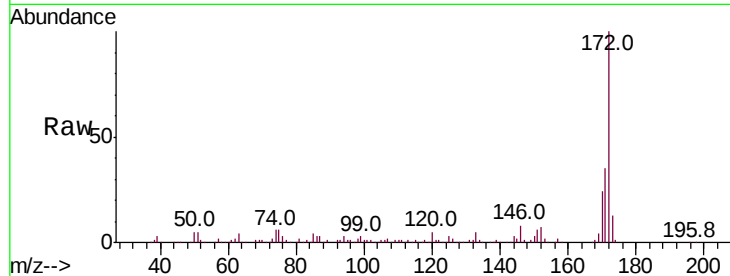
#45
2-Fluorobiphenyl
Concen: 78.678 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

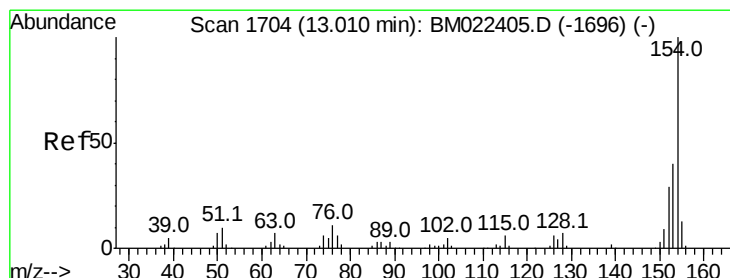
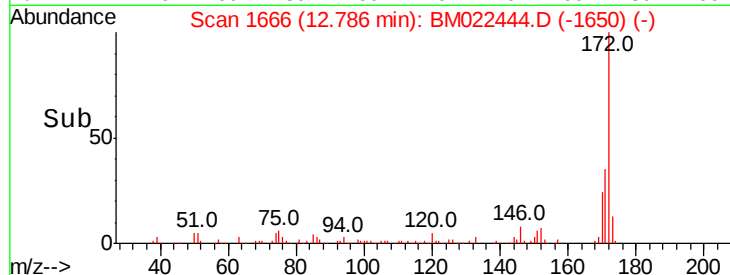
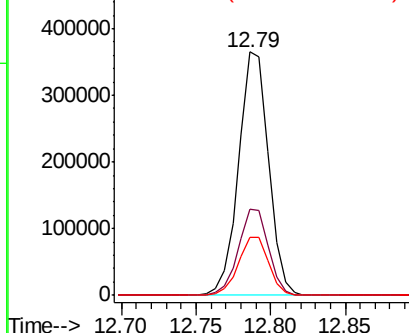
Tot Ion:172	Resp:	508117
Ion Ratio	Lower	Upper
172	100	
171	35.3	28.5 42.7
170	24.1	18.9 28.3

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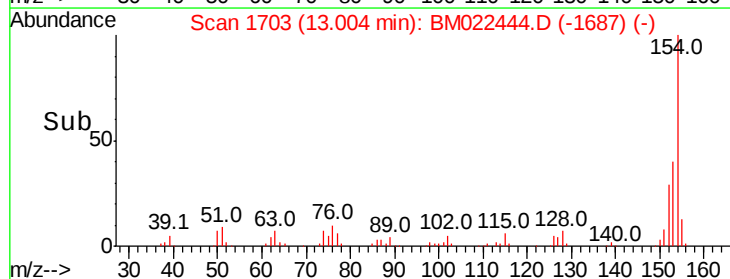
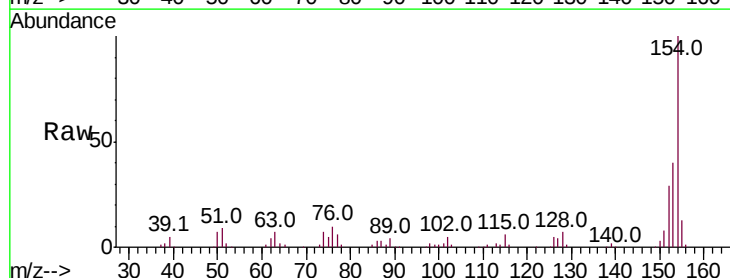
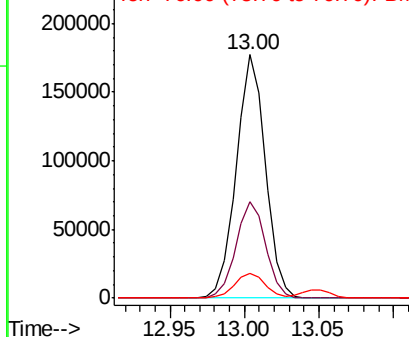
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

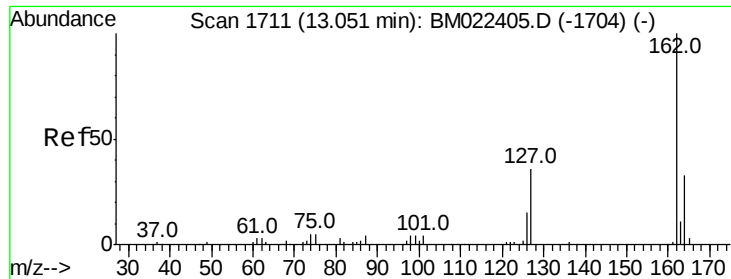


#46
1,1'-Biphenyl
Concen: 40.234 ng
RT: 13.00 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion:154	Resp:	240517
Ion Ratio	Lower	Upper
154	100	
153	39.7	20.4 60.4
76	10.2	0.0 30.9

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





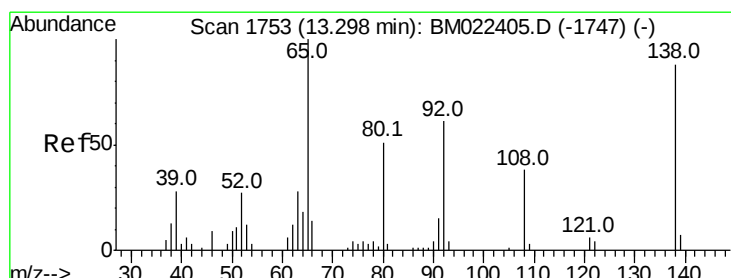
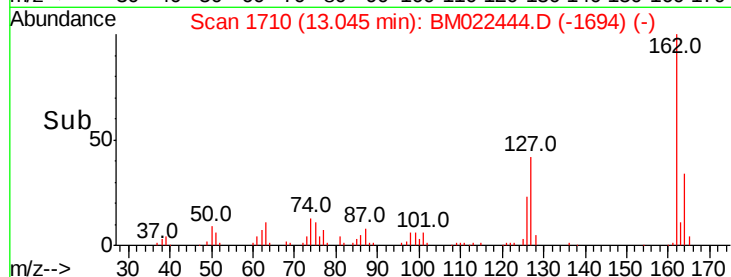
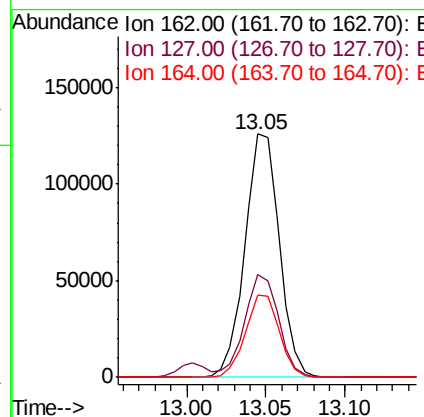
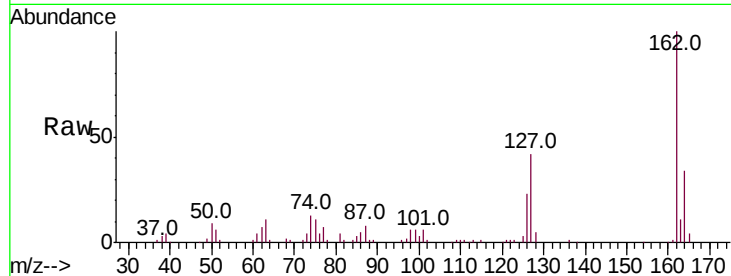
#47
 2-Chloronaphthalene
 Concen: 40.044 ng
 RT: 13.05 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	190074		
127	42.4		32.6	49.0
164	33.9		26.2	39.4

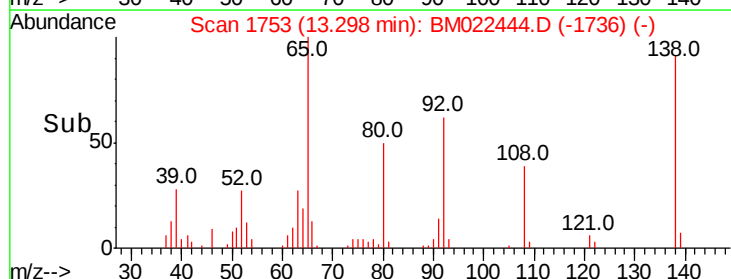
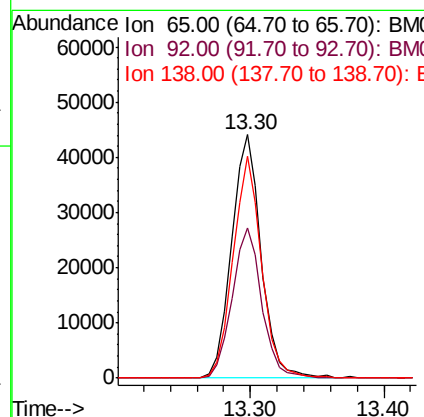
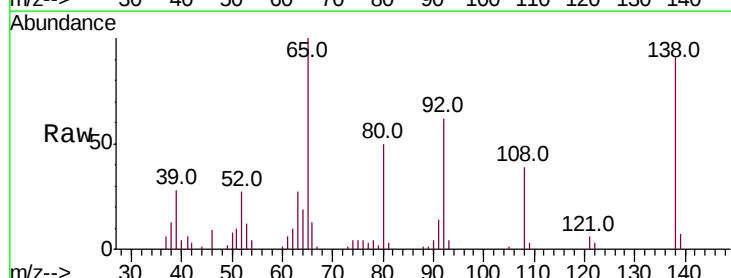
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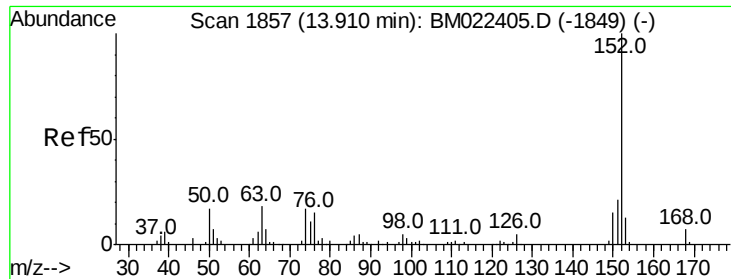
mohammad
 8/31/2019 2:43:52 PM



#48
 2-Nitroaniline
 Concen: 44.596 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	68176		
92	61.6		49.1	73.7
138	91.3		70.4	105.6





#49

Acenaphthylene

Concen: 40.624 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

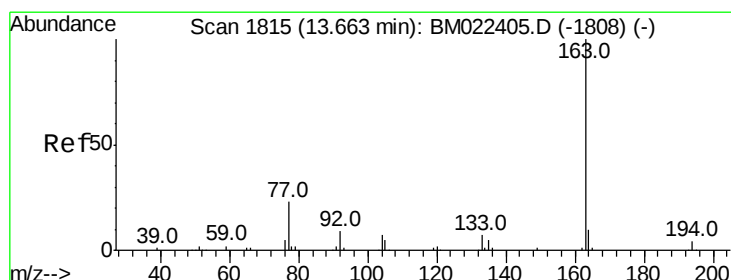
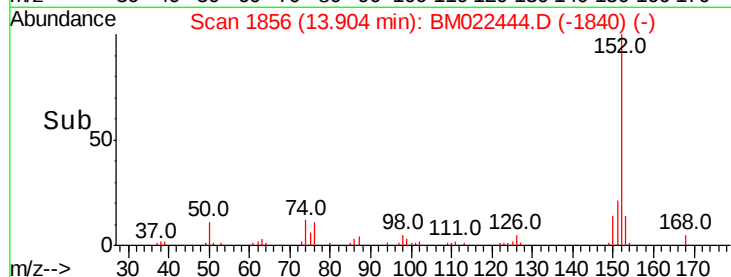
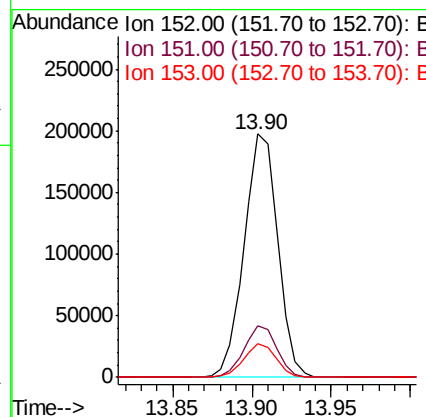
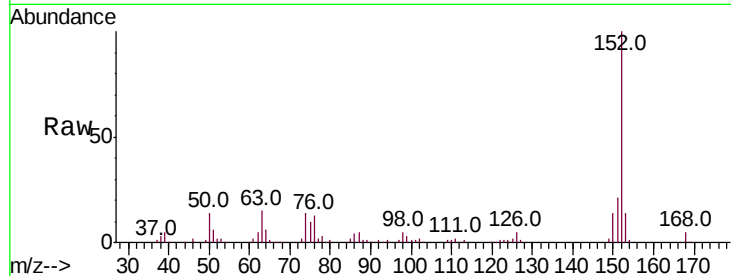
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	291024
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.9	25.3
153	13.8	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.213 ng

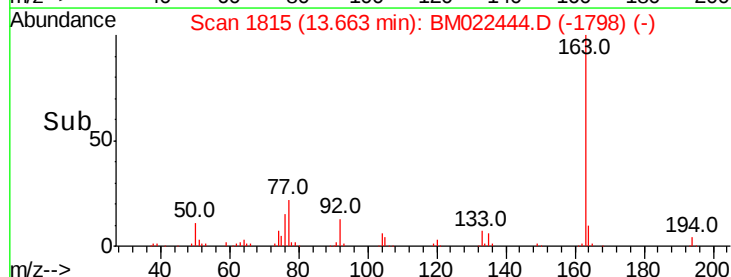
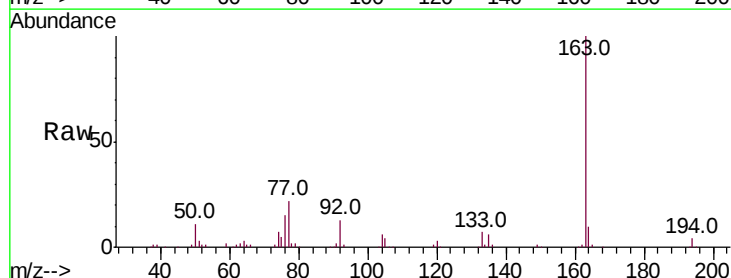
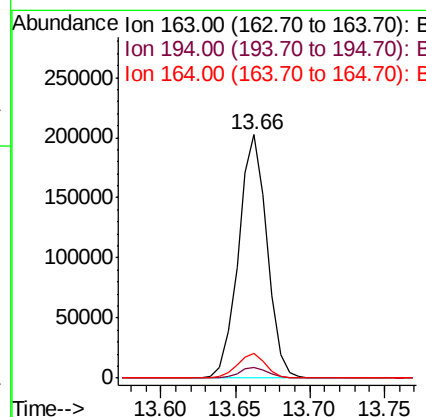
RT: 13.66 min Scan# 1815

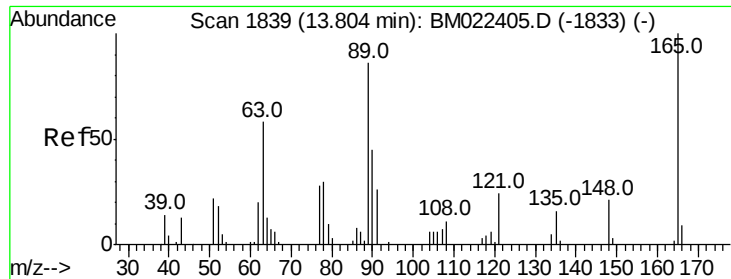
Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	163	Resp:	268611
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	9.9	8.2	12.2





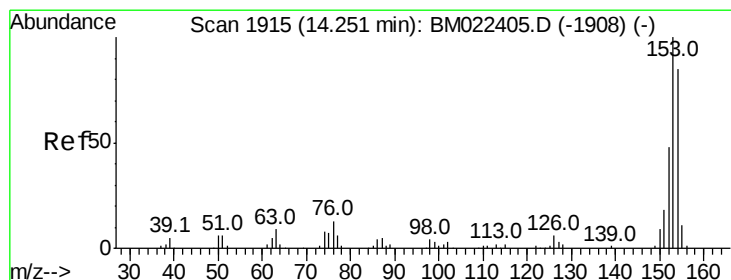
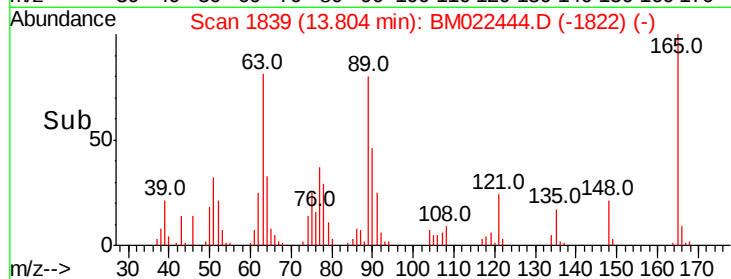
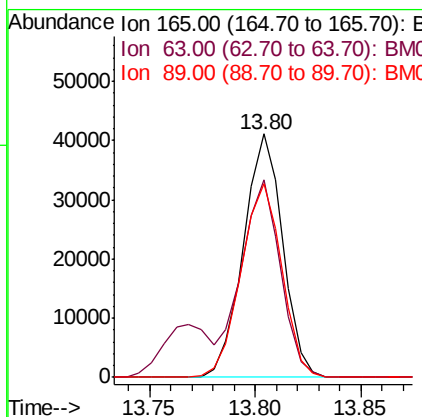
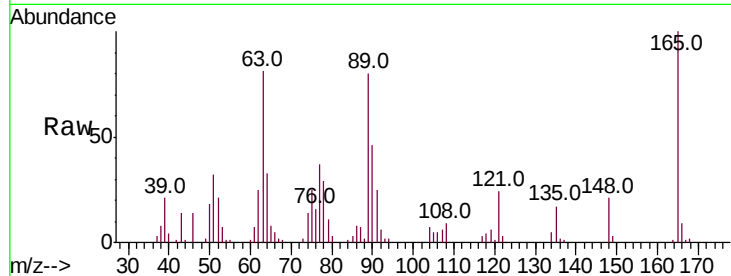
#51
2,6-Dinitrotoluene
Concen: 42.466 ng
RT: 13.80 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	53082		
63	81.3		65.4	98.2
89	79.6		69.0	103.6

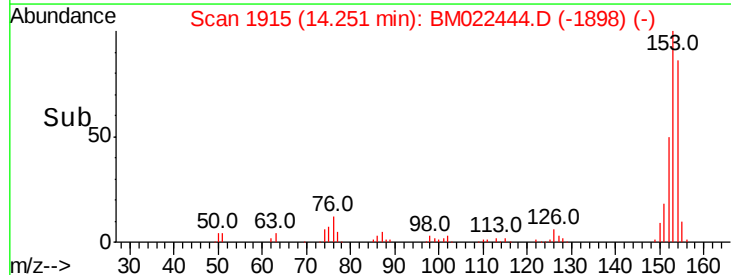
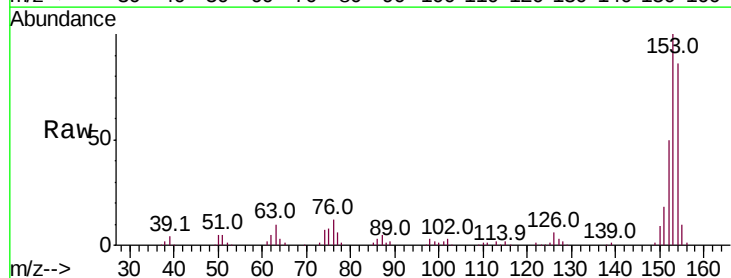
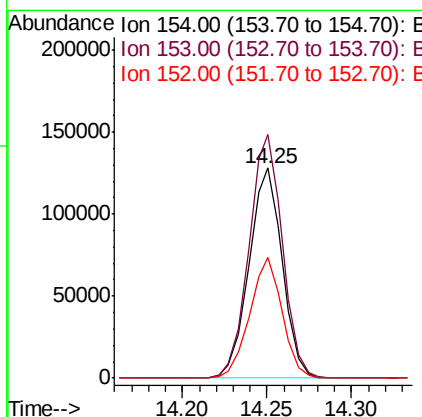
Manual Integrations
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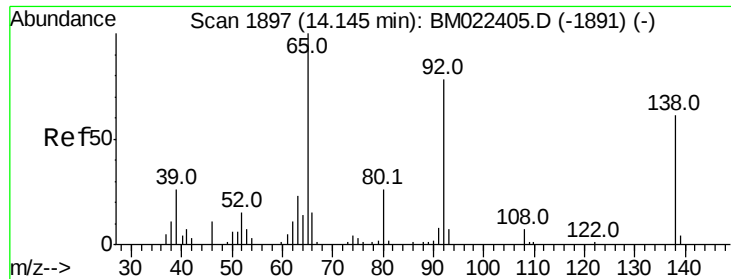
mohammad
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#52
Acenaphthene
Concen: 40.660 ng
RT: 14.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	174694		
153	115.8		94.3	141.5
152	57.5		45.4	68.2





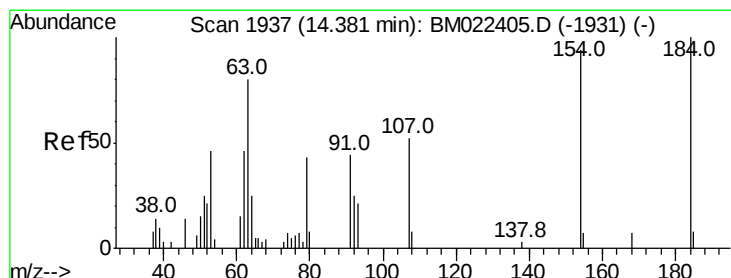
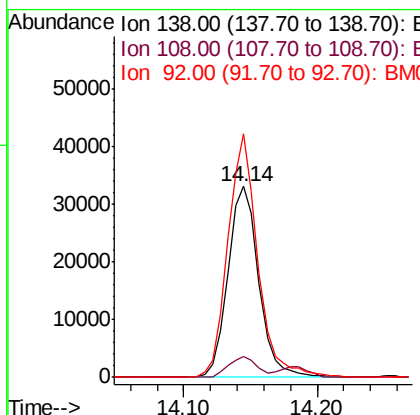
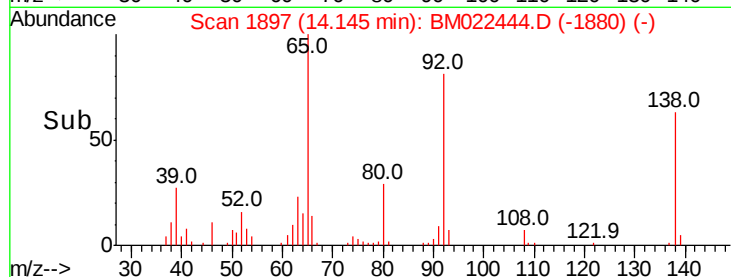
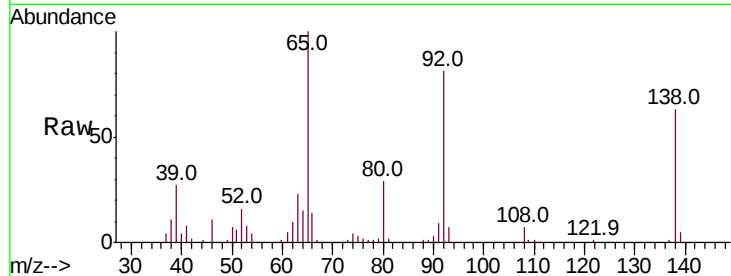
#53
3-Nitroaniline
Concen: 44.455 ng
RT: 14.14 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.1	13.7
92	127.6	103.3	154.9

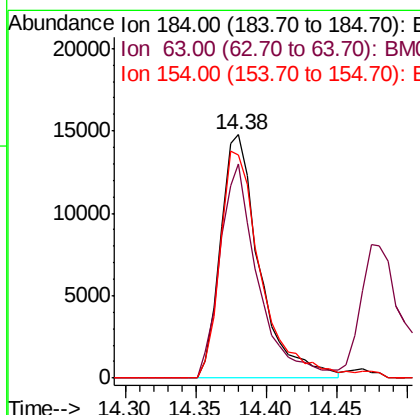
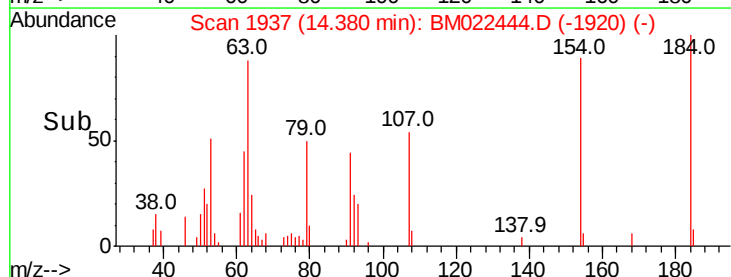
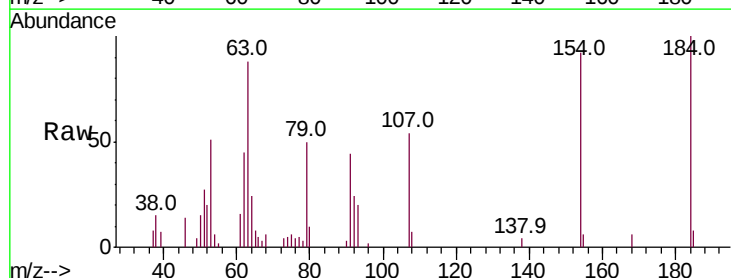
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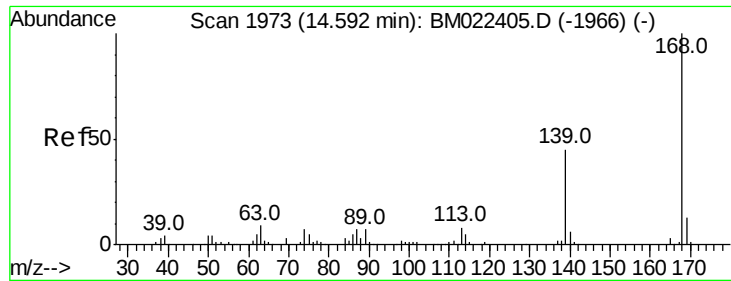
mohammad
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#54
2,4-Dinitrophenol
Concen: 42.174 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.8	63.8	95.8
154	91.9	75.0	112.6





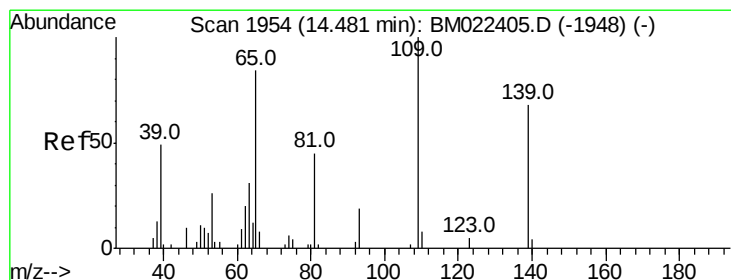
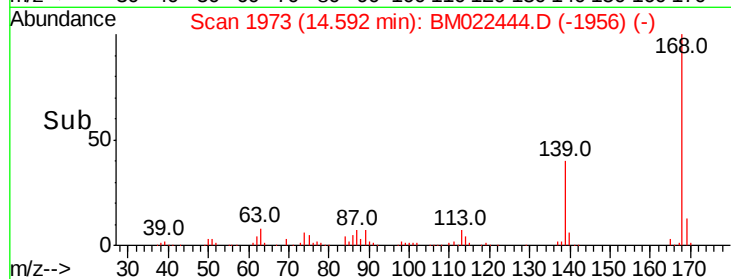
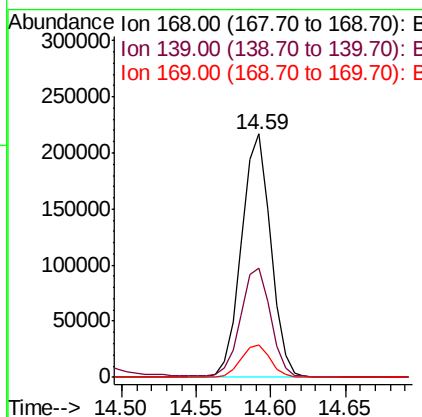
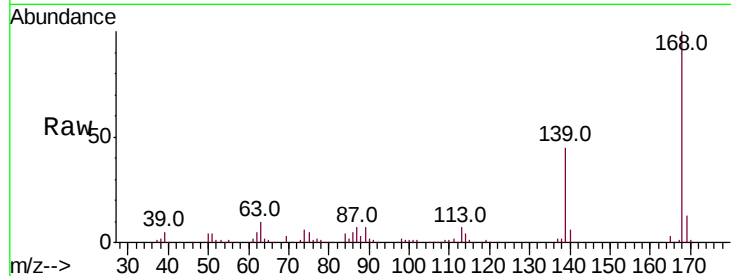
#55
Dibenzenofuran
Concen: 40.781 ng
RT: 14.59 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100	295163		
139	44.8	36.1	54.1	
169	13.1	10.4	15.6	

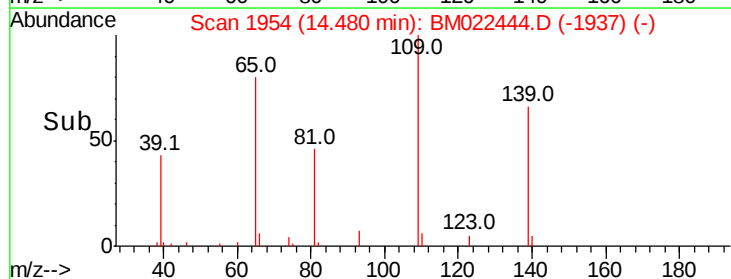
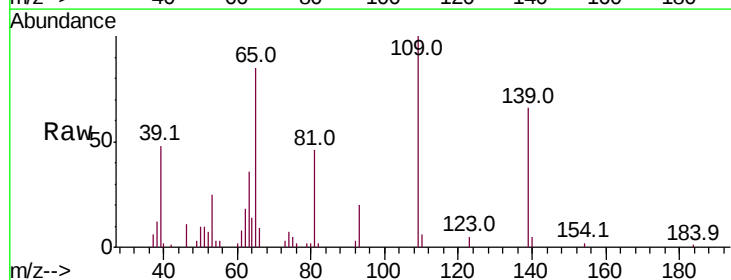
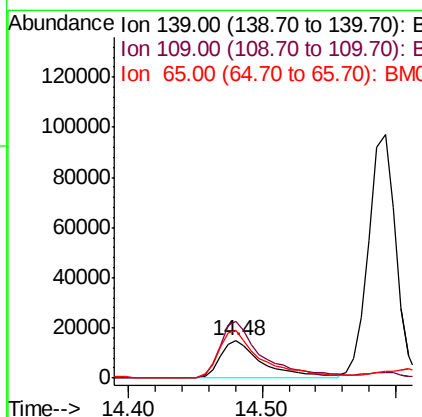
Manual Integrations
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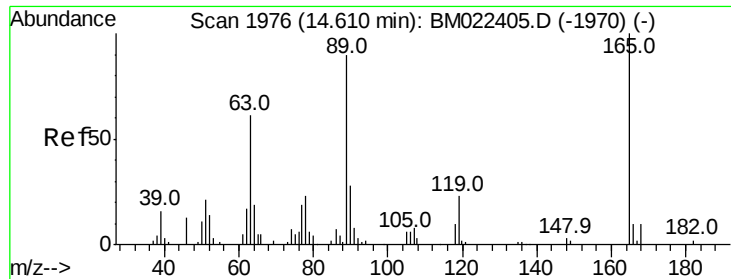
mohammad
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#56
4-Nitrophenol
Concen: 44.635 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	33652		
109	150.5	128.0	168.0	
65	127.5	104.3	144.3	





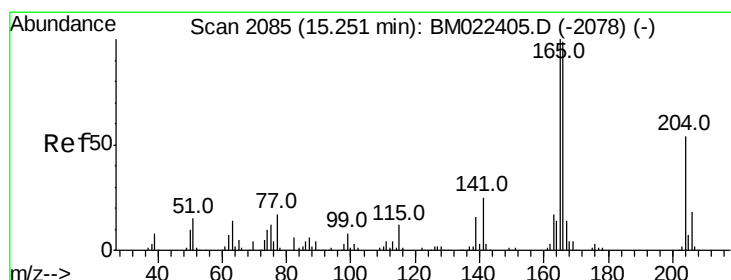
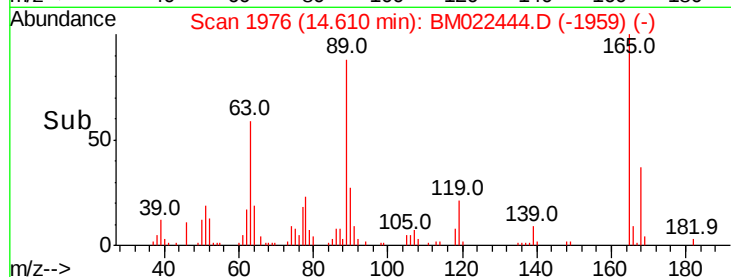
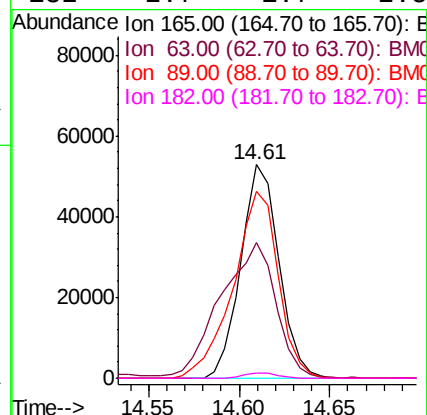
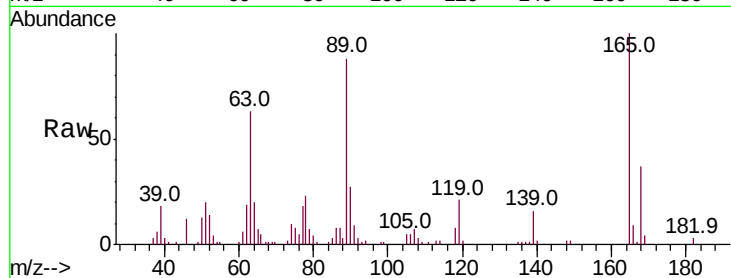
#57
2,4-Dinitrotoluene
Concen: 43.105 ng
RT: 14.61 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.4	54.6	82.0
89	87.5	74.5	111.7
182	2.7	1.7	2.5#

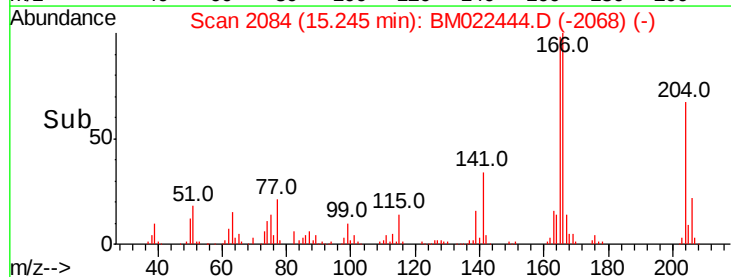
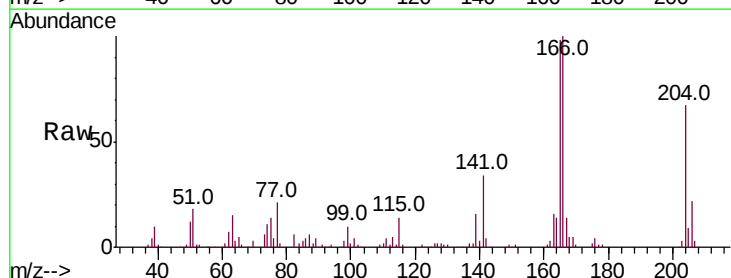
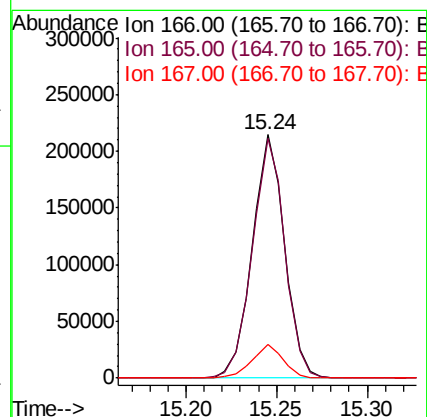
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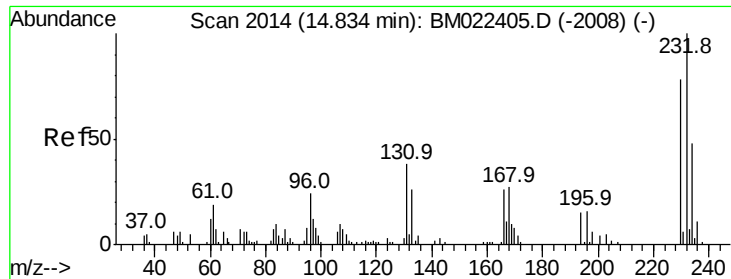
mohammad
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#58
Fluorene
Concen: 40.992 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	81.1	121.7
167	13.7	11.1	16.7





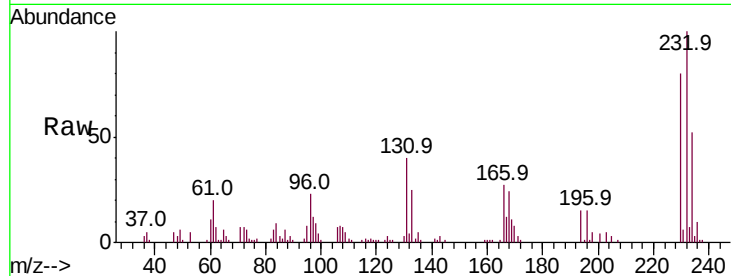
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.639 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

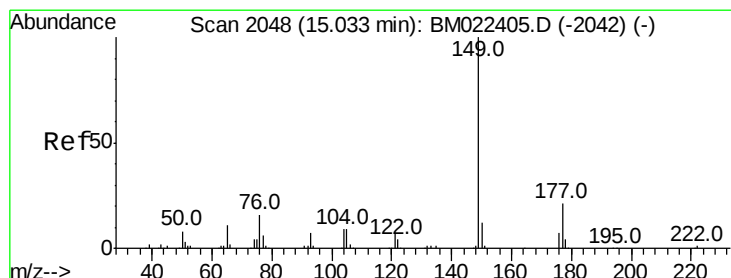
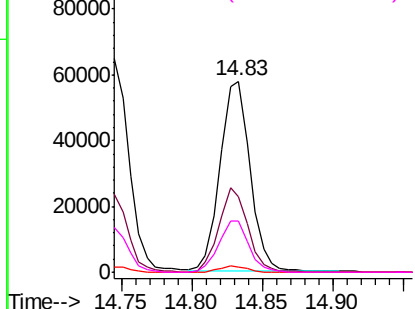
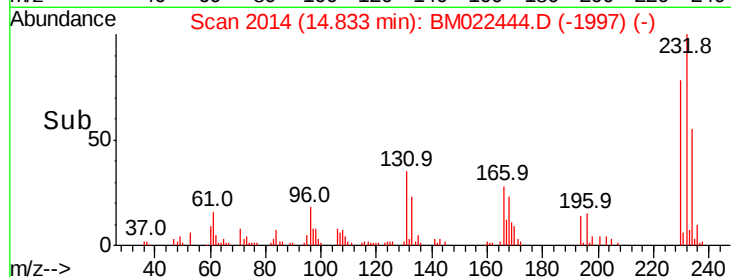
Tot Ion	Ratio	Resp	Lower	Upper
232	100	85111		
131	42.8		32.0	48.0
130	2.9		2.4	3.6
166	27.0		20.2	30.2

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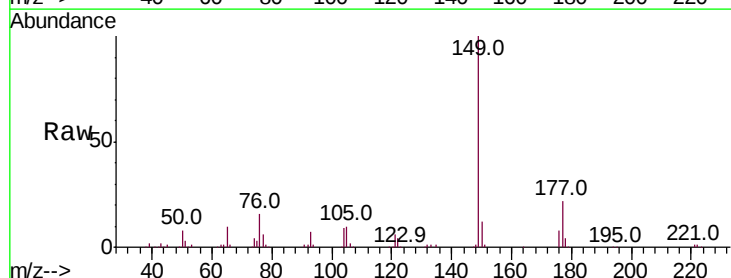


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

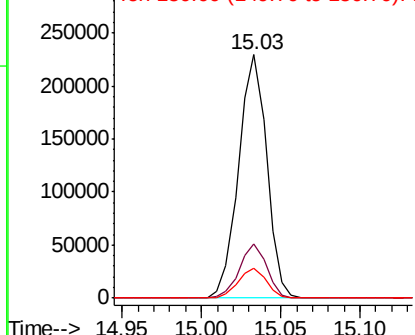
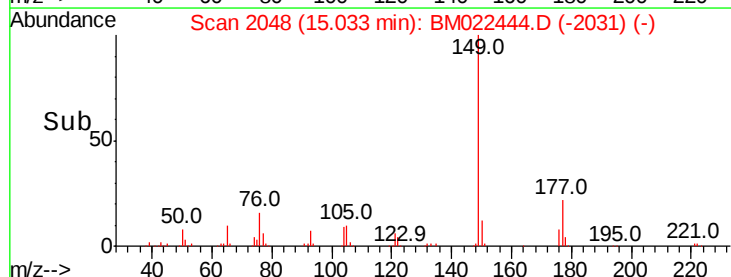


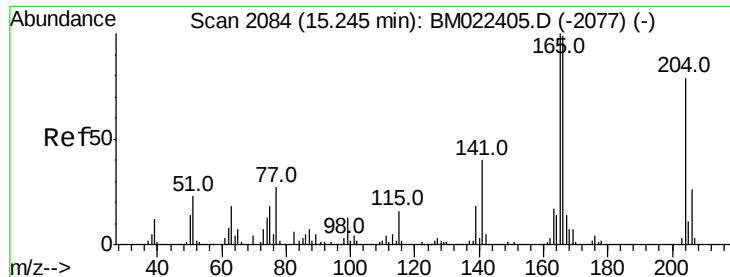
#60
Diethylphthalate
Concen: 42.459 ng
RT: 15.03 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	282205		
177	22.5		16.6	25.0
150	12.0		9.8	14.8



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





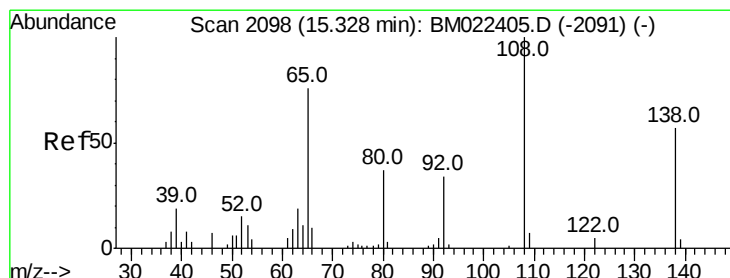
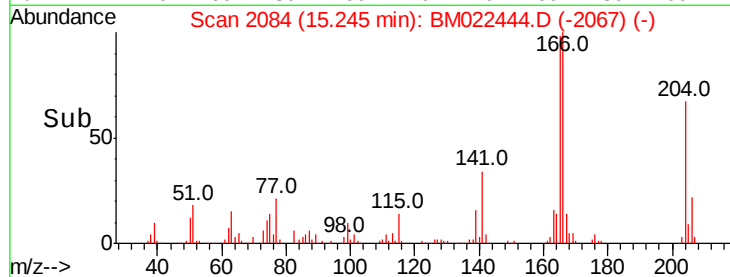
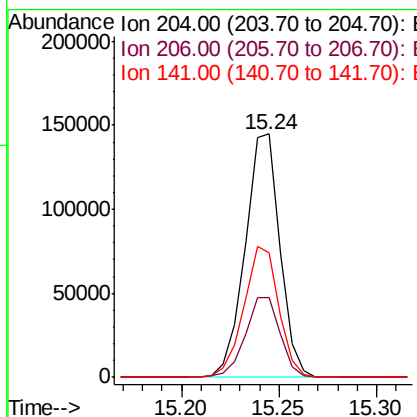
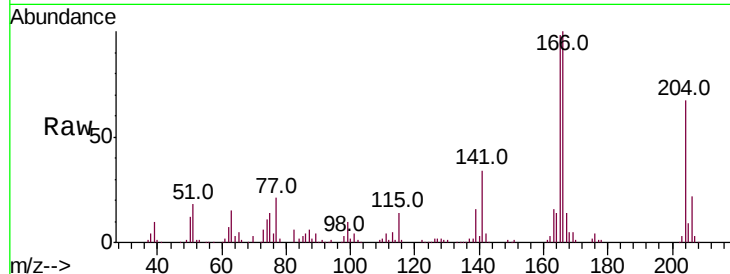
#61
 4-Chlorophenyl-phenylether
 Concen: 40.294 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	179167
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.2	39.4
141	51.1	40.6	60.8

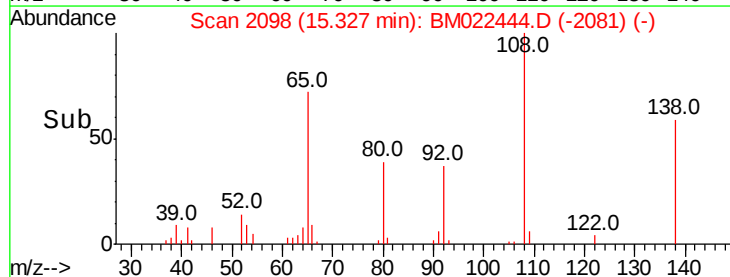
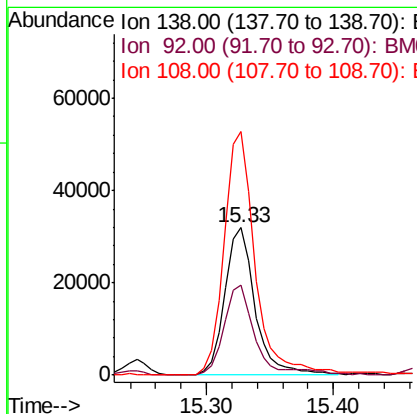
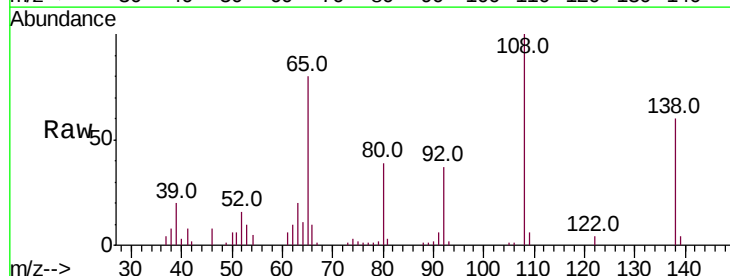
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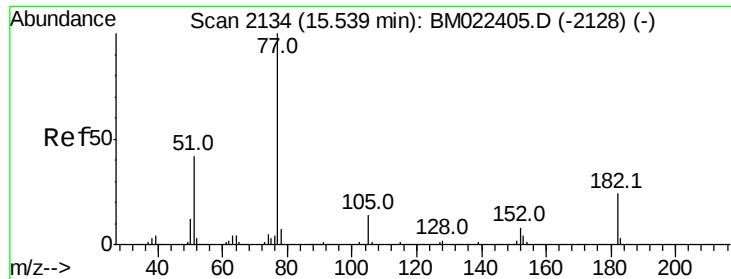
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#62
 4-Nitroaniline
 Concen: 47.156 ng
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion:	138	Resp:	52973
Ion Ratio	Lower	Upper	
138	100		
92	61.6	40.5	80.5
108	165.6	156.8	196.8





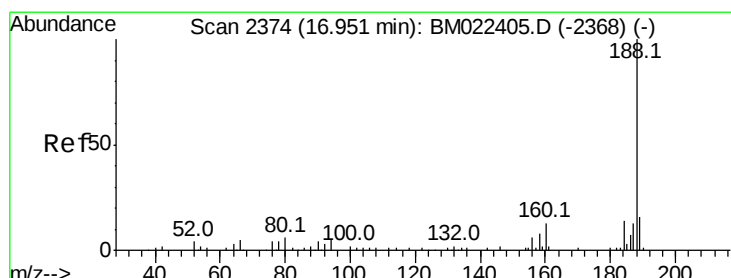
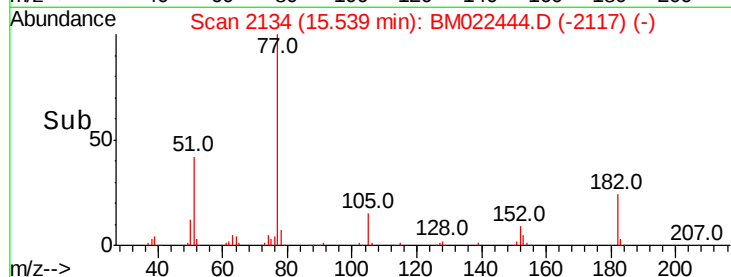
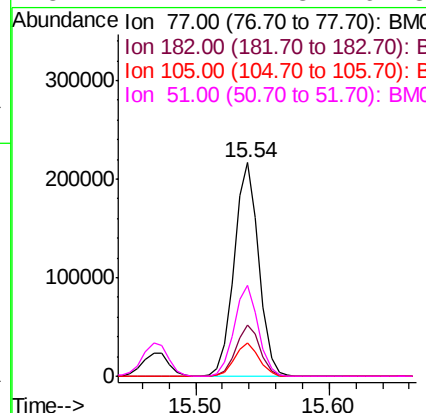
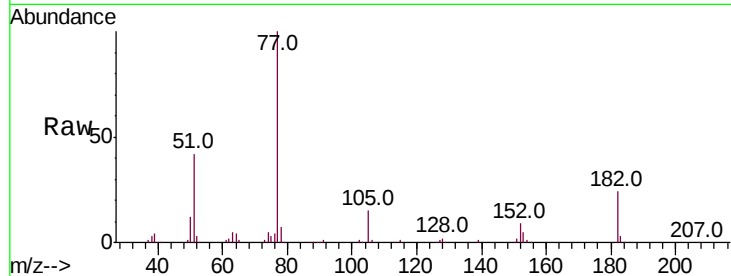
#63
Azobenzene
Concen: 42.092 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		279269		
182	24.1	3.5	43.5		
105	15.4	0.0	34.2		
51	42.4	21.8	61.8		

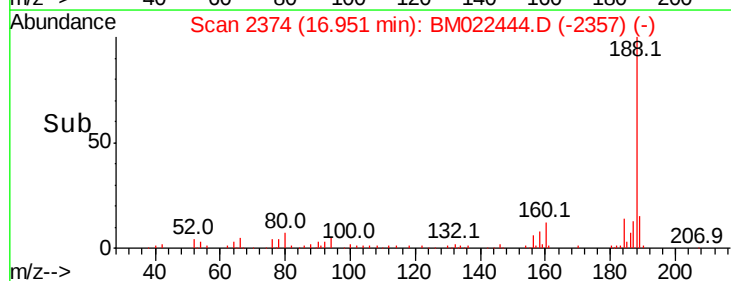
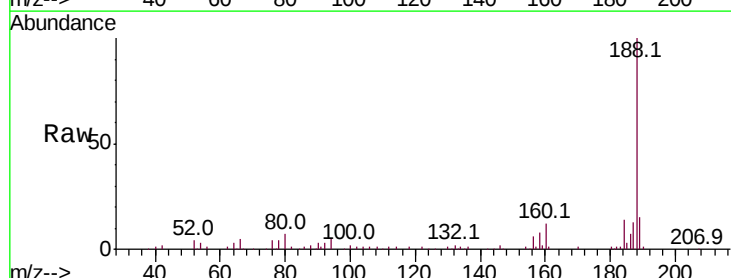
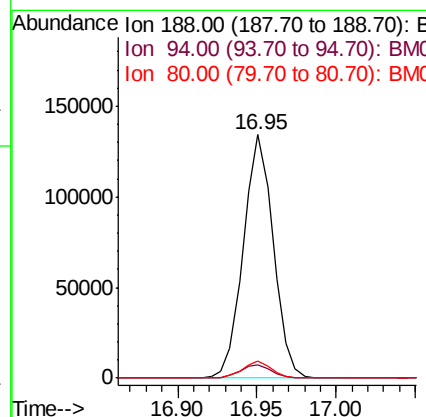
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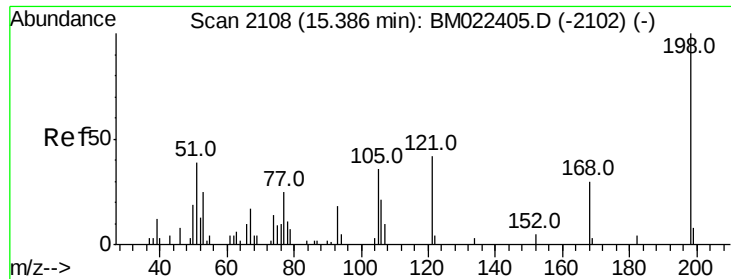
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		175917		
94	5.5	4.4	6.6		
80	6.8	5.0	7.6		





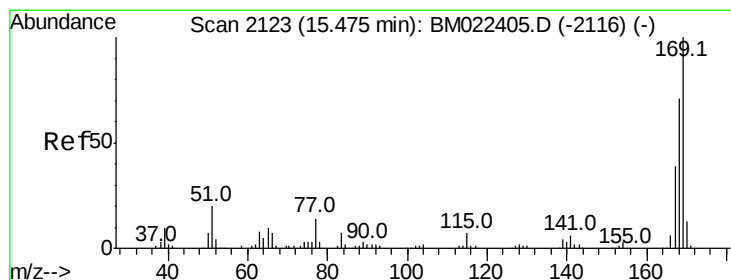
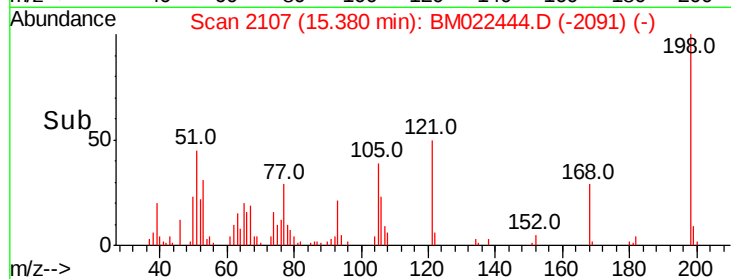
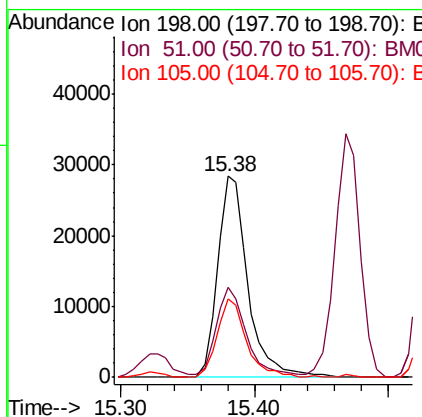
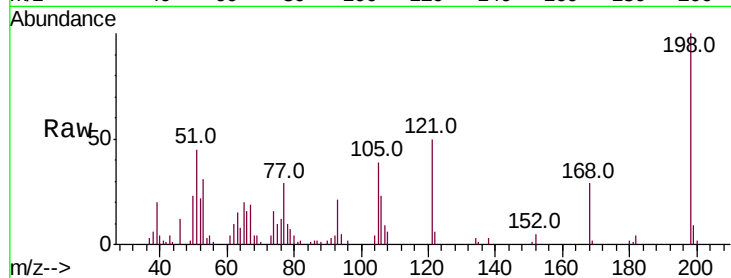
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.954 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	45090		
51	44.6		21.0	61.0
105	38.9		16.1	56.1

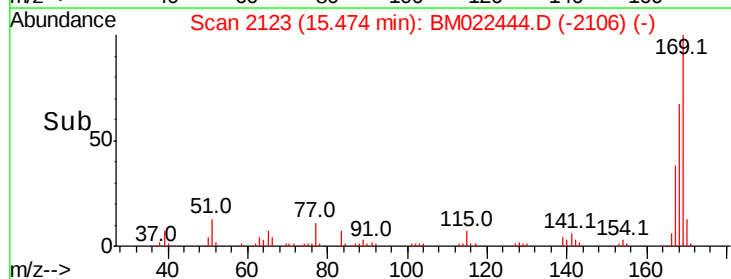
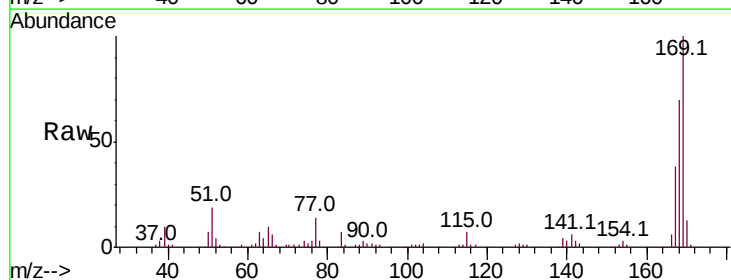
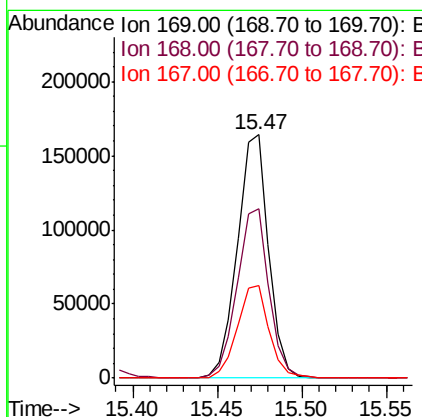
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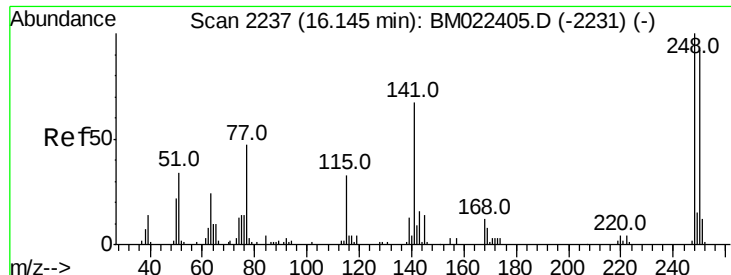
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#66
 n-Nitrosodiphenylamine
 Concen: 39.674 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	210715		
168	69.8		56.7	85.1
167	37.9		30.8	46.2





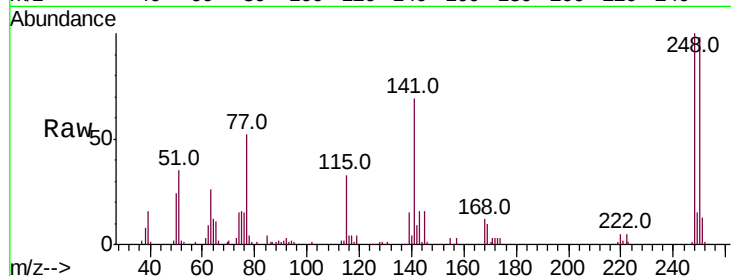
#67
 4-Bromophenyl-phenylether
 Concen: 40.000 ng
 RT: 16.14 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	73.6	110.4
141	69.4	53.3	79.9

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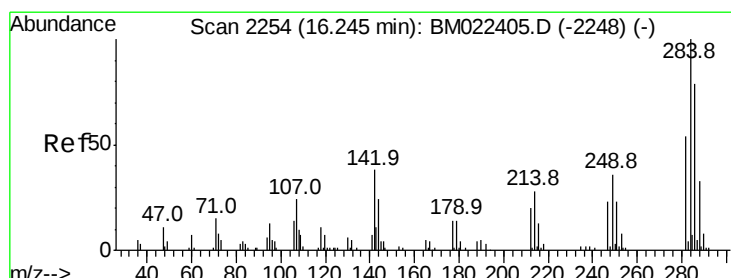
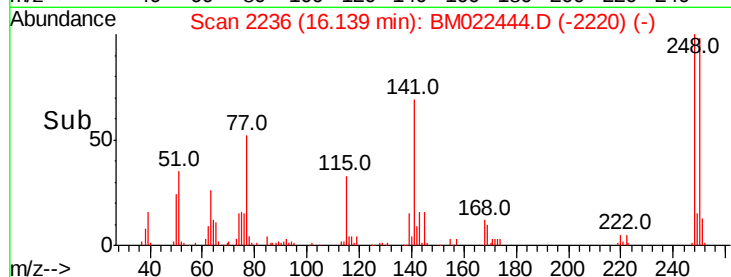
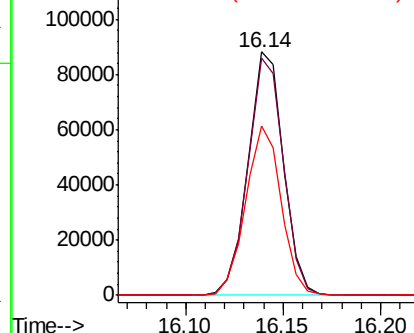


Abundance

Ion 248.00 (247.70 to 248.70): E

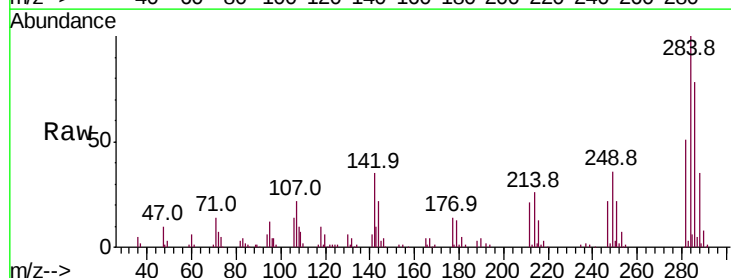
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.441 ng
 RT: 16.24 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	30.2	45.4
249	36.4	28.8	43.2

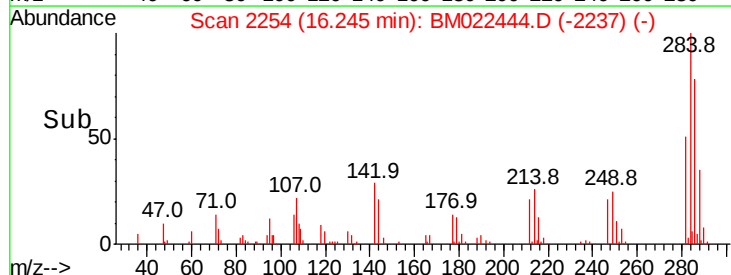
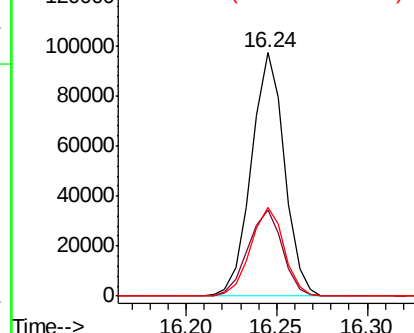


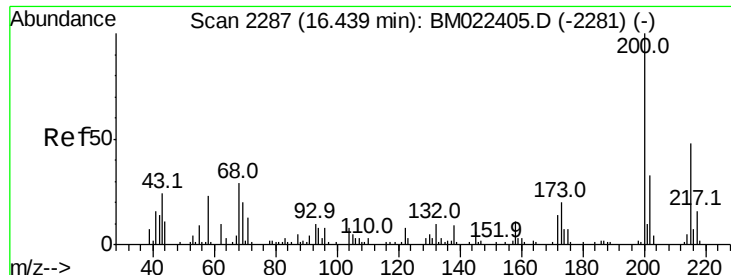
Abundance

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





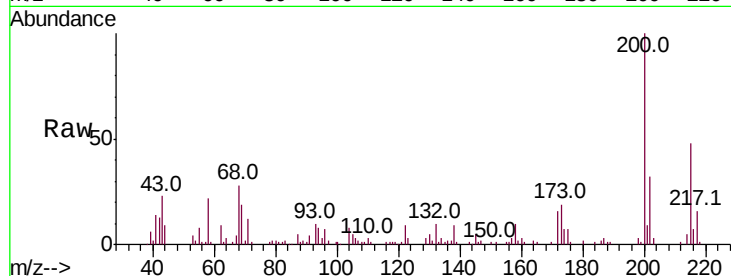
#69
Atrazine
Concen: 38.887 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	18.5	0.0	39.9
215	48.1	27.8	67.8

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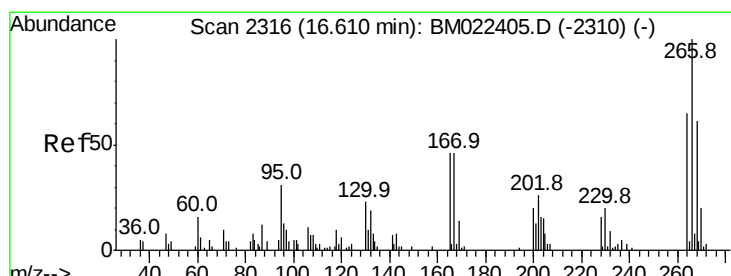
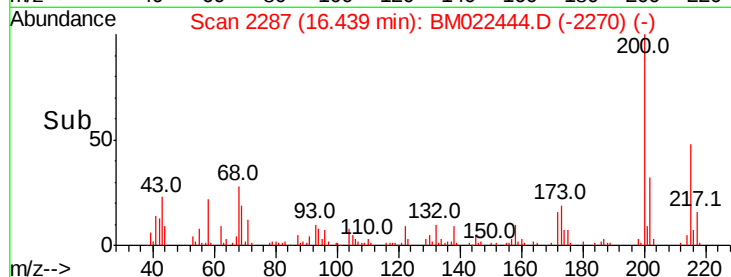
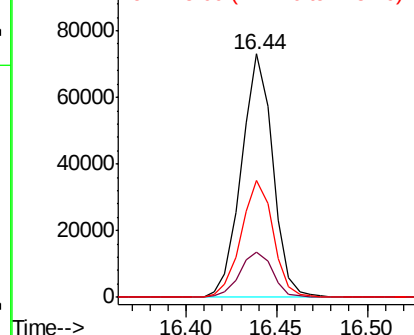


Abundance

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: 43.070 ng
RT: 16.61 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

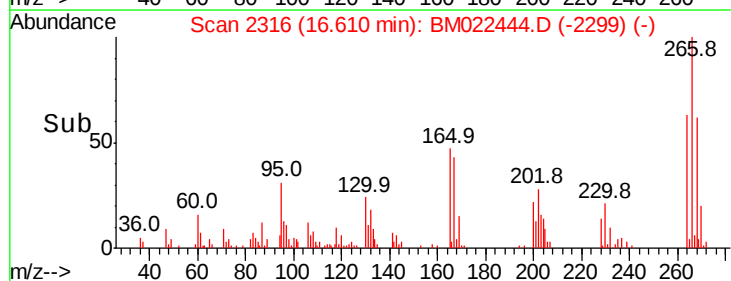
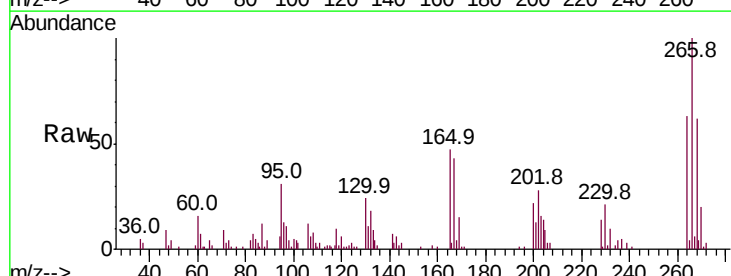
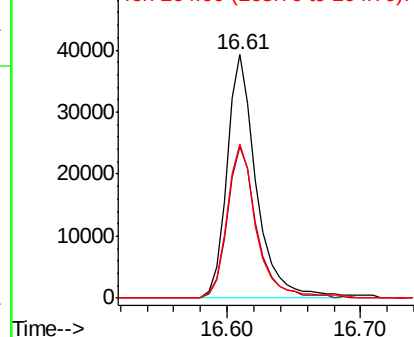
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	48.4	72.6
264	63.3	51.7	77.5

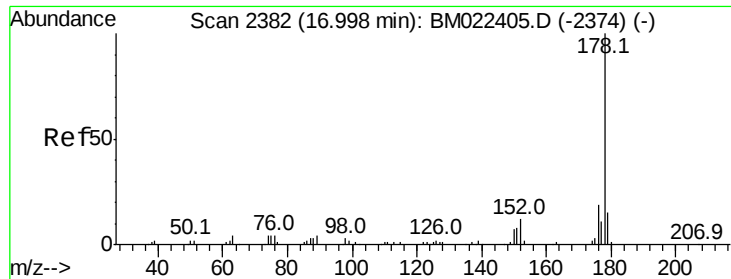
Abundance

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





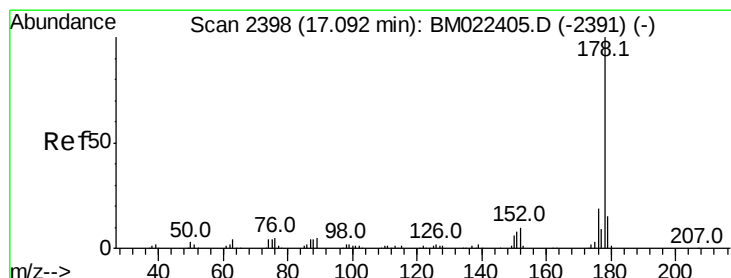
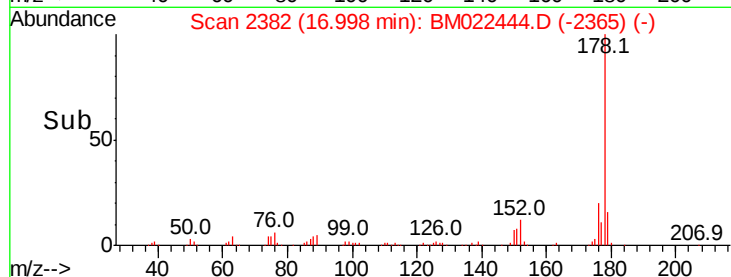
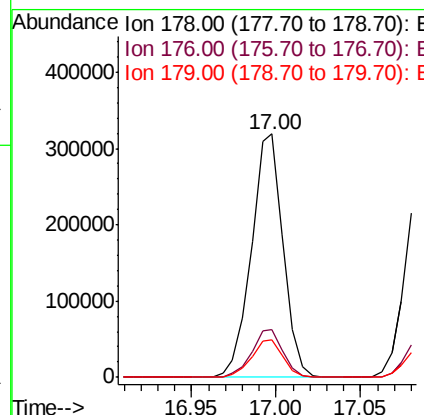
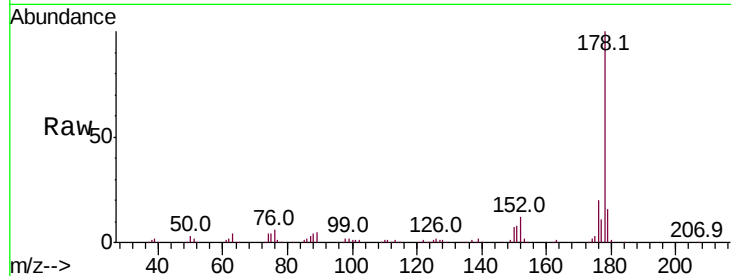
#71
Phenanthrene
Concen: 40.602 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.5	12.3	18.5

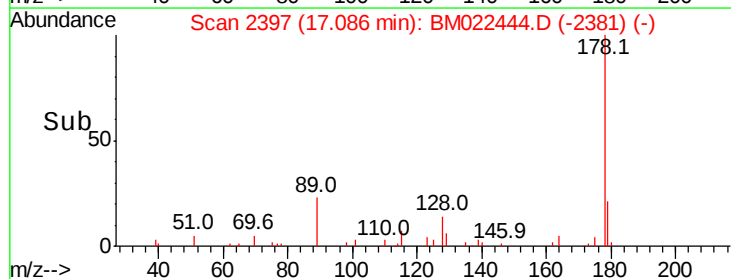
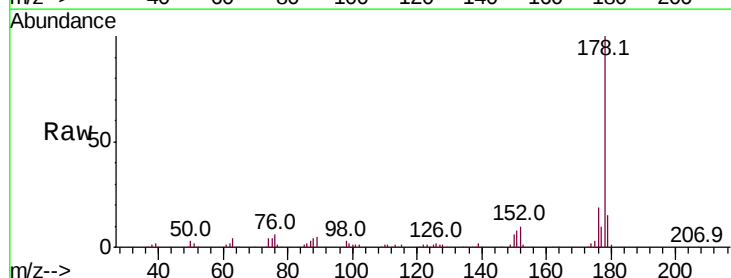
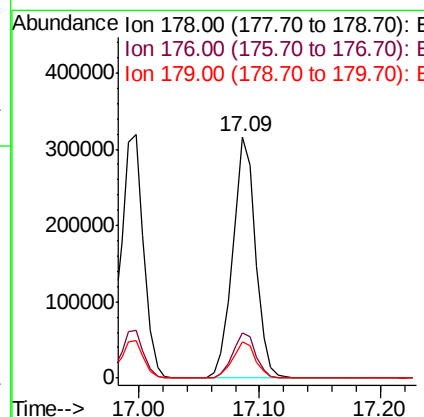
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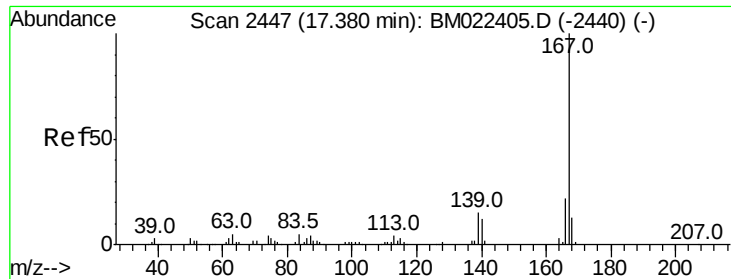
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#72
Anthracene
Concen: 41.103 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.3	11.8	17.6





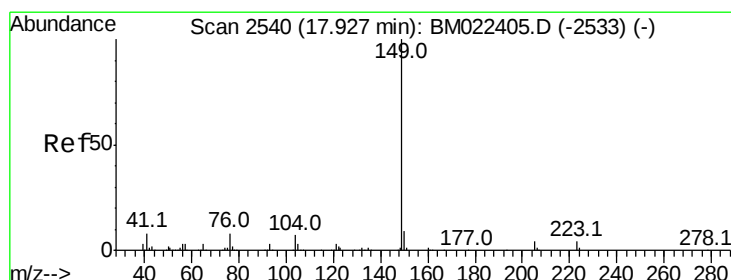
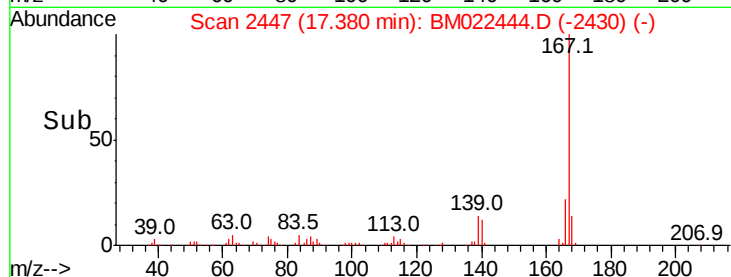
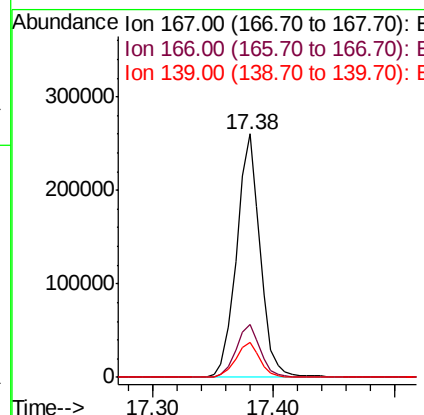
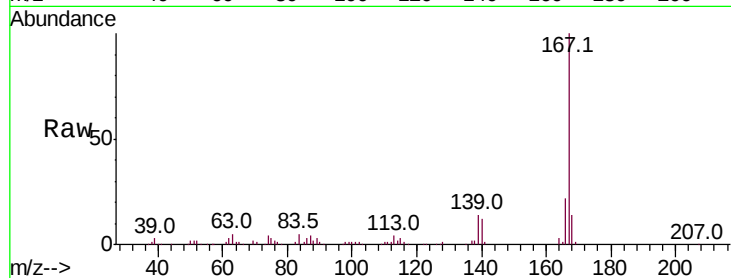
#73
 Carbazole
 Concen: 42.391 ng
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

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

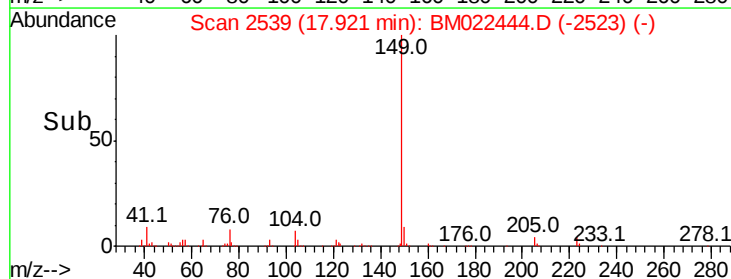
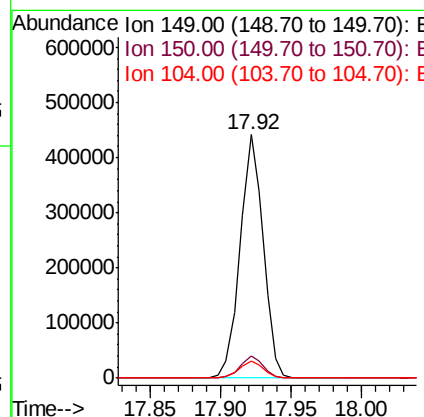
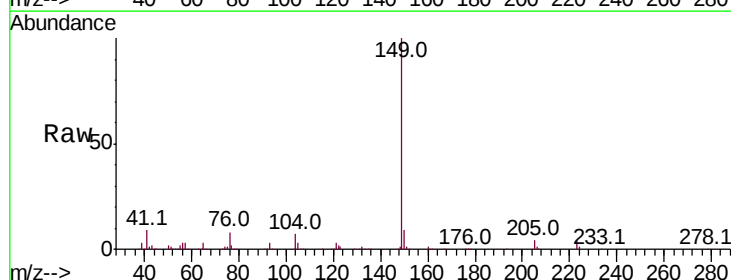
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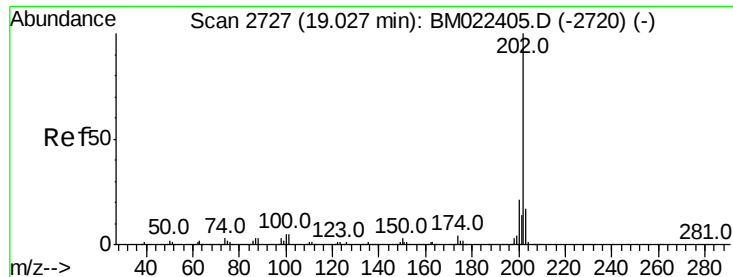
mohammad
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#74
 Di-n-butylphthalate
 Concen: 44.487 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.4	11.0	
104	7.1	5.6	8.4	





#75

Fluoranthene

Concen: 44.254 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

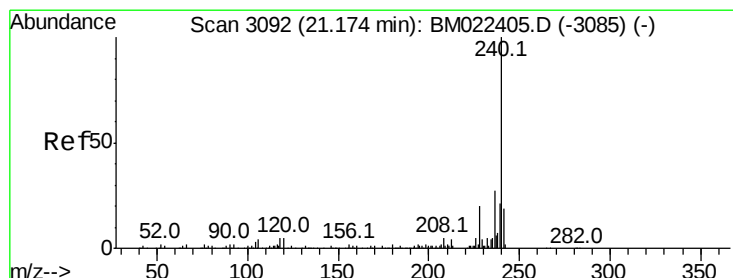
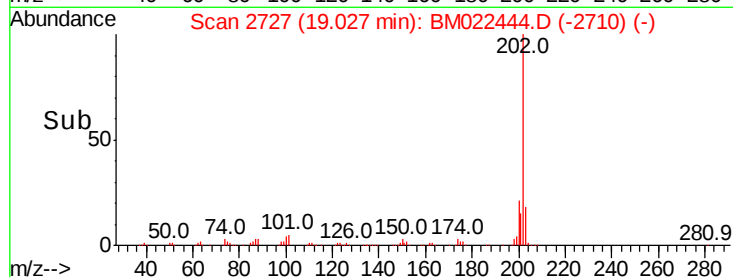
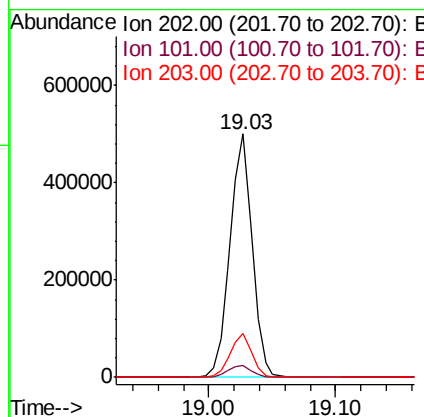
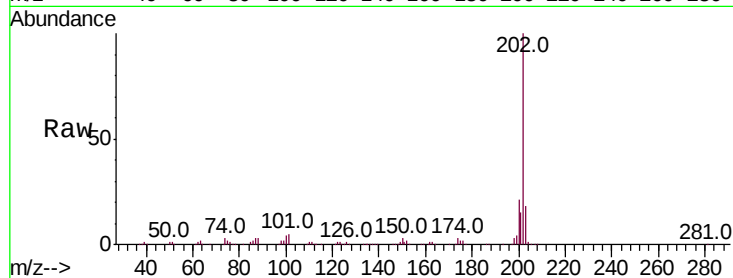
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	604308
Ion Ratio	Lower	Upper	
202	100		
101	4.9	0.0	25.1
203	17.9	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

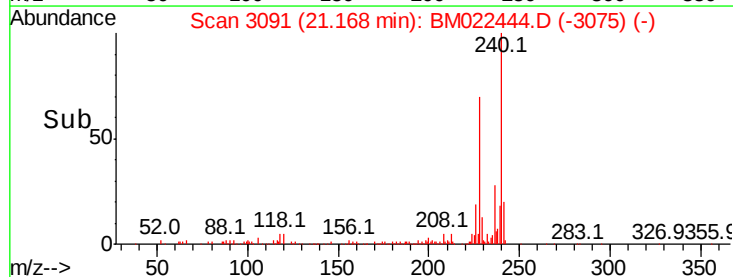
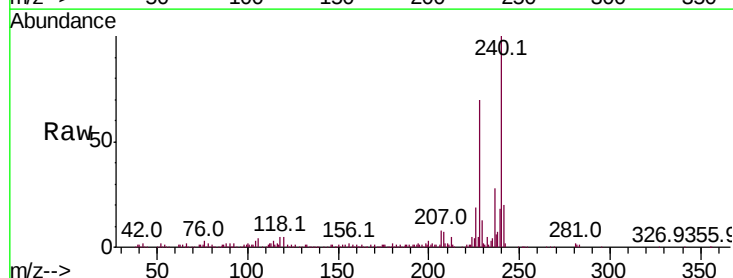
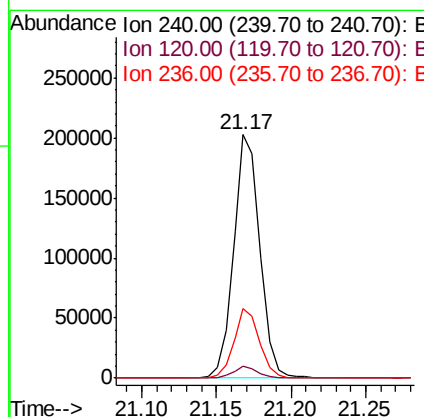
RT: 21.17 min Scan# 3091

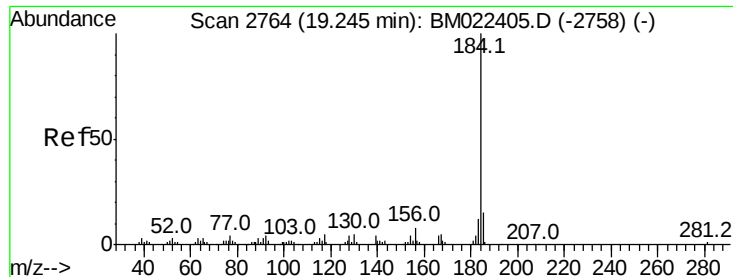
Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	240	Resp:	248399
Ion Ratio	Lower	Upper	
240	100		
120	5.1	3.9	5.9
236	28.4	21.4	32.2





#77

Benzidine

Concen: 48.184 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

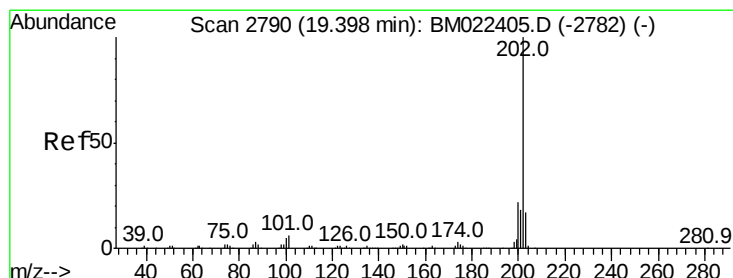
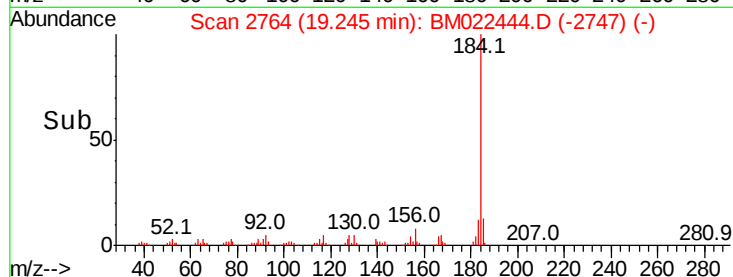
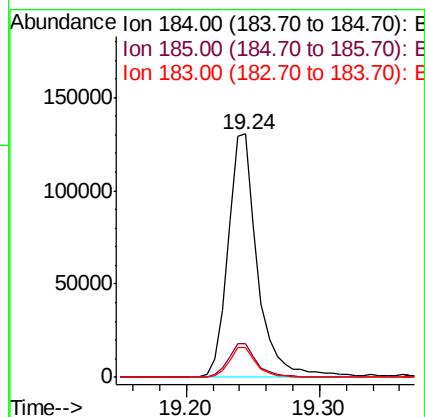
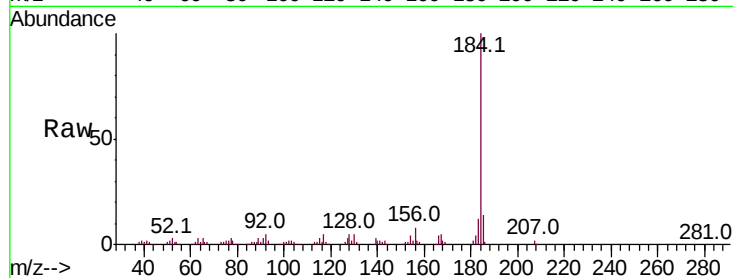
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	201541
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.8	17.6
183	12.0	9.4	14.2

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#78

Pyrene

Concen: 36.885 ng

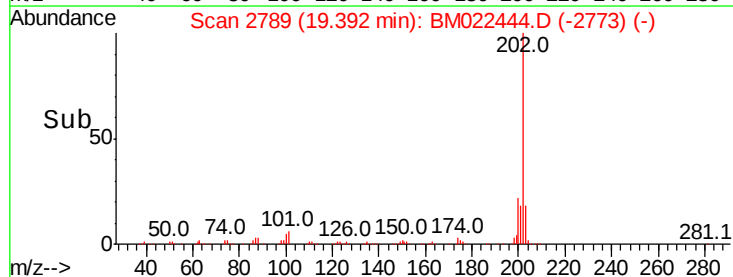
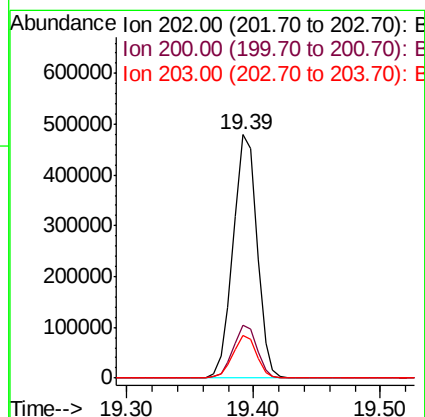
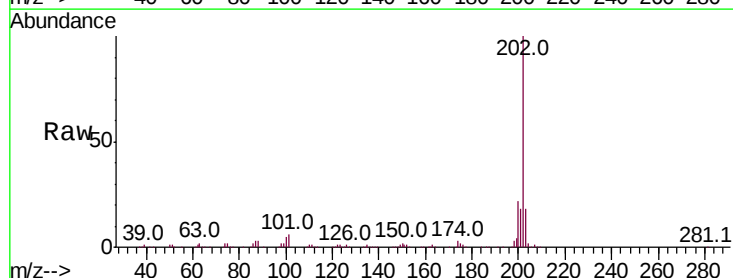
RT: 19.39 min Scan# 2789

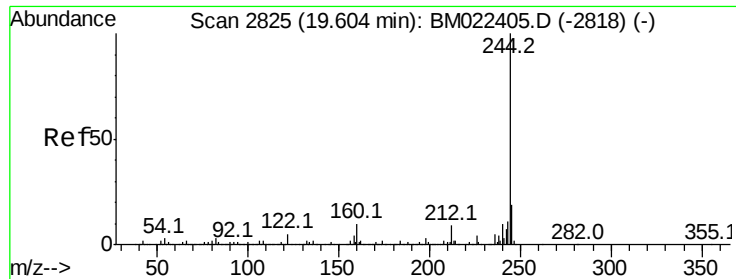
Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	202	Resp:	624403
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	17.7	13.8	20.8





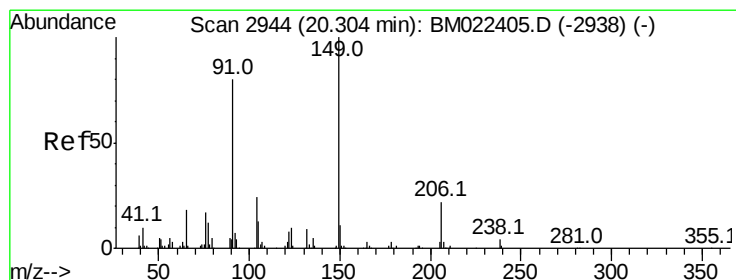
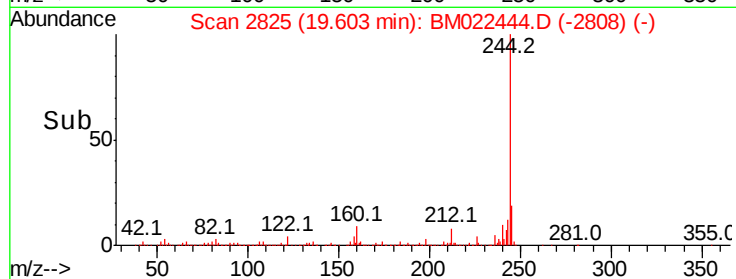
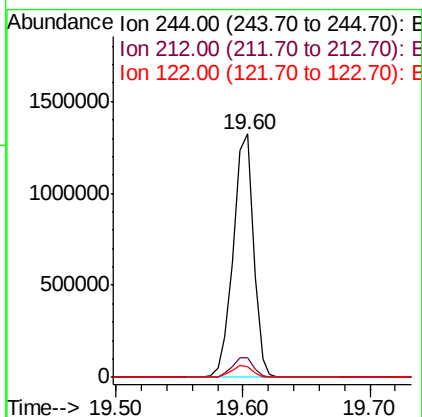
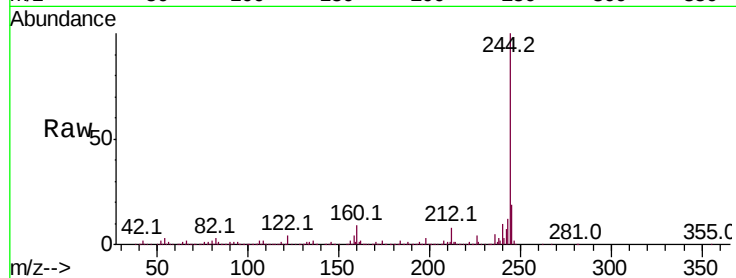
#79
 Terphenyl-d14
 Concen: 77.250 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	4.3	3.9	5.9

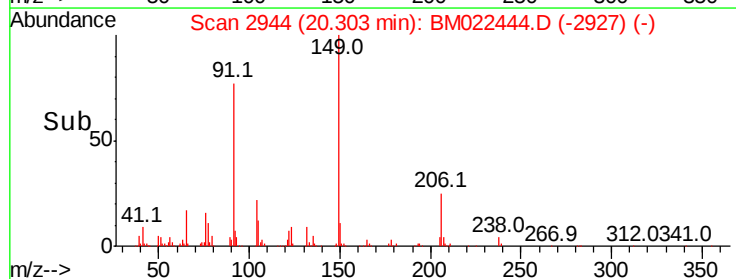
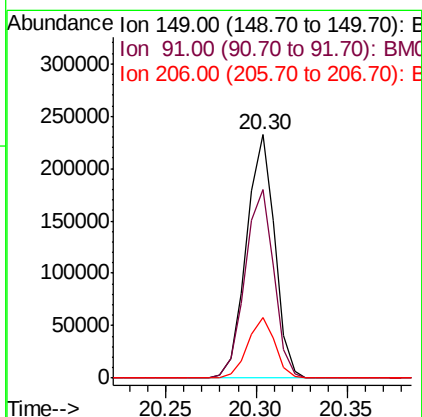
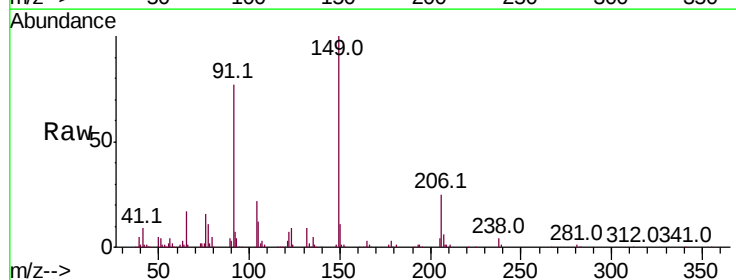
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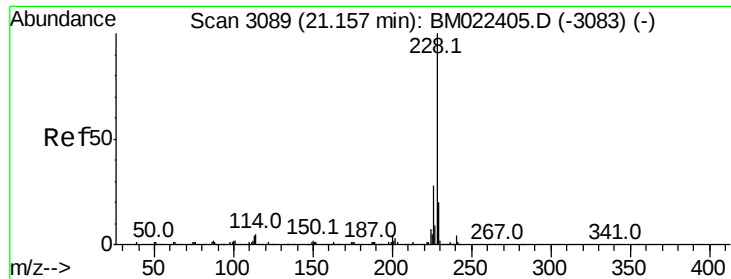
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#80
 Butylbenzylphthalate
 Concen: 42.513 ng
 RT: 20.30 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.4	64.0	96.0
206	24.6	17.6	26.4





#81

Benzo(a)anthracene

Concen: 41.609 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

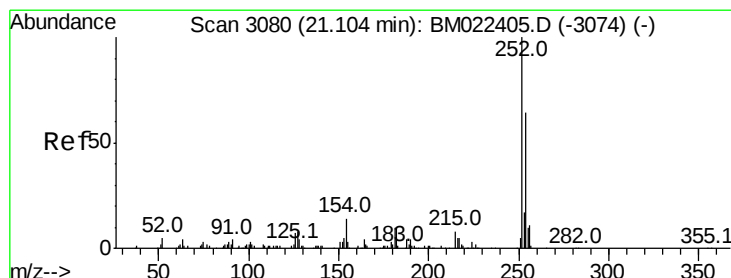
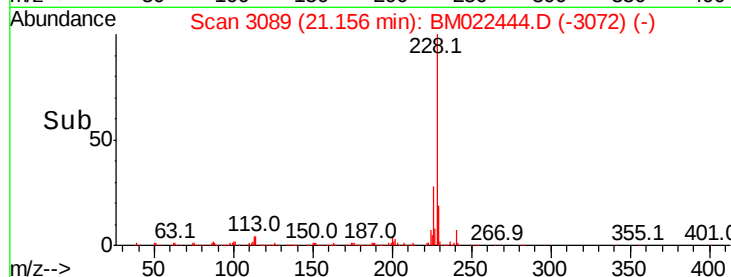
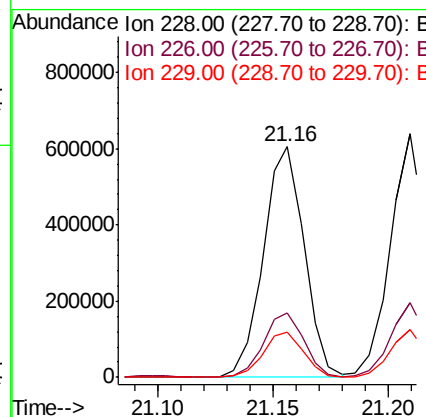
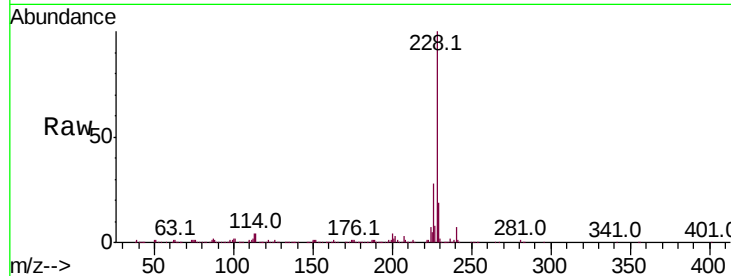
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	741861
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	34.0
229	19.4	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 44.697 ng

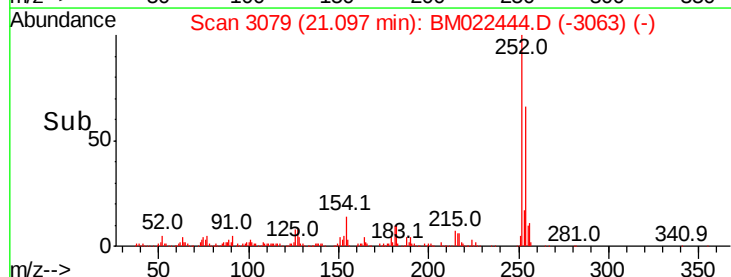
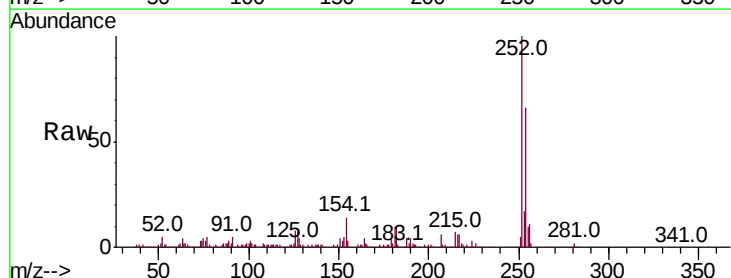
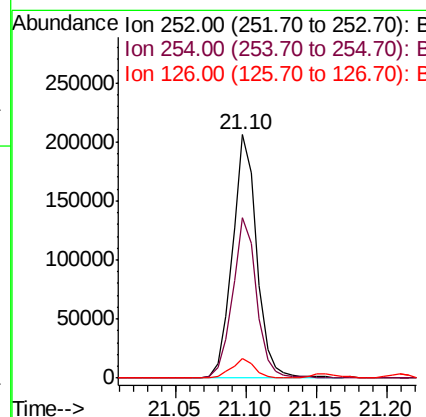
RT: 21.10 min Scan# 3079

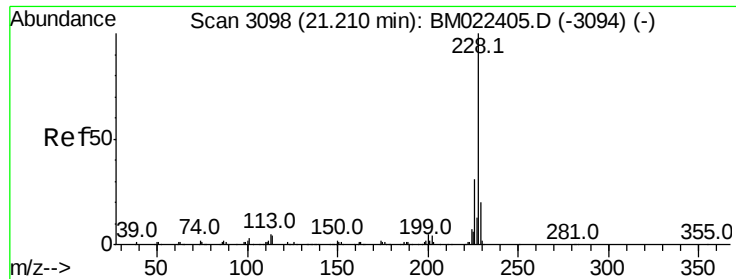
Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	252	Resp:	247198
Ion Ratio	Lower	Upper	
252	100		
254	65.9	51.0	76.4
126	8.0	5.8	8.8





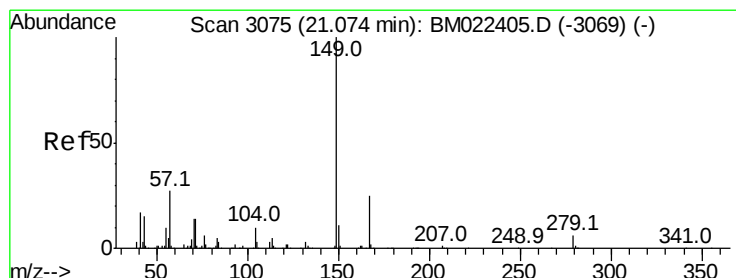
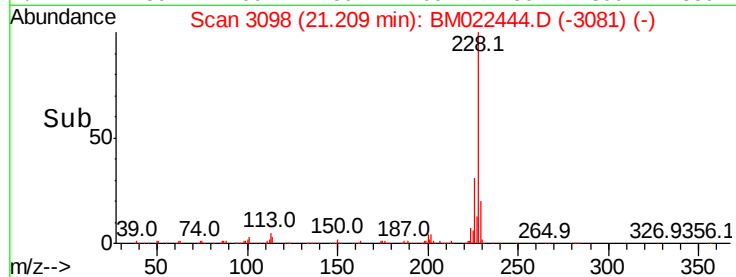
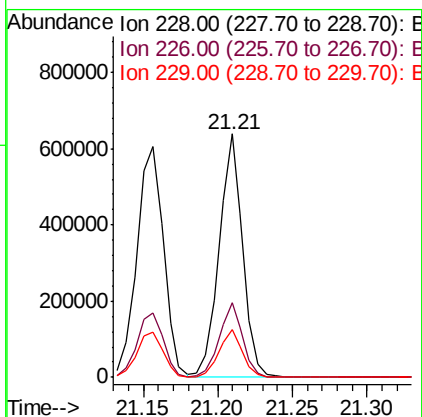
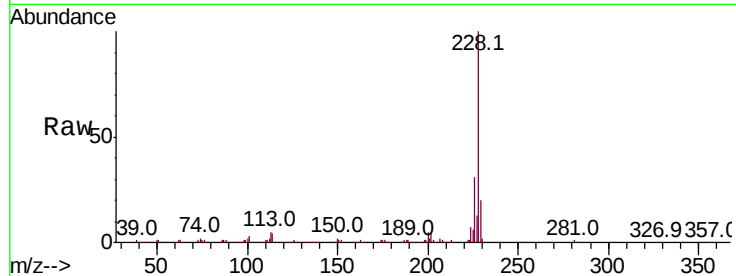
#83
 Chrysene
 Concen: 41.685 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	19.7	15.7	23.5

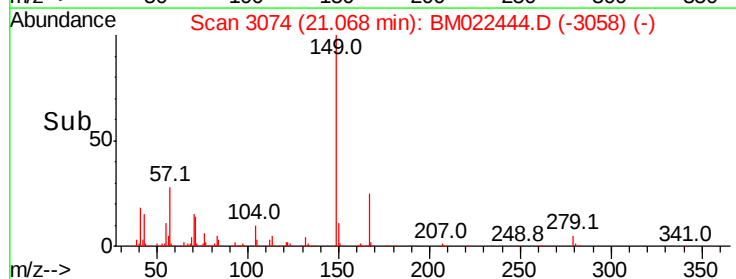
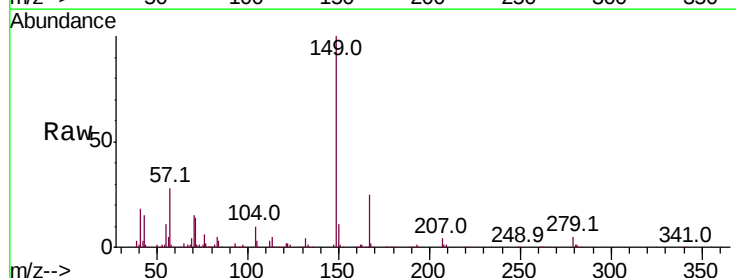
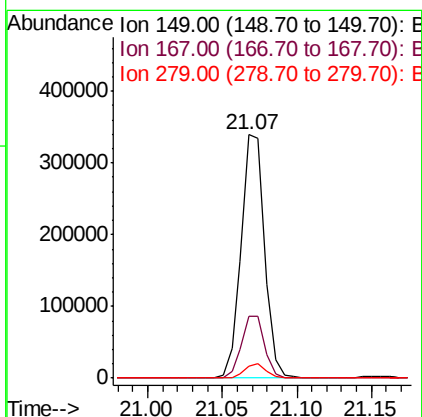
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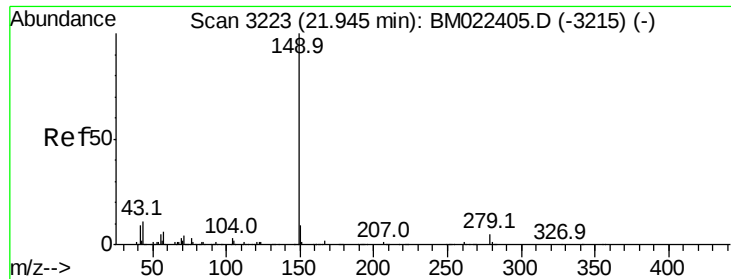
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.209 ng
 RT: 21.07 min Scan# 3074
 Delta R.T. -0.01 min
 Lab File: BM022444.D
 Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.6	29.4
279	4.8	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 47.698 ng

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

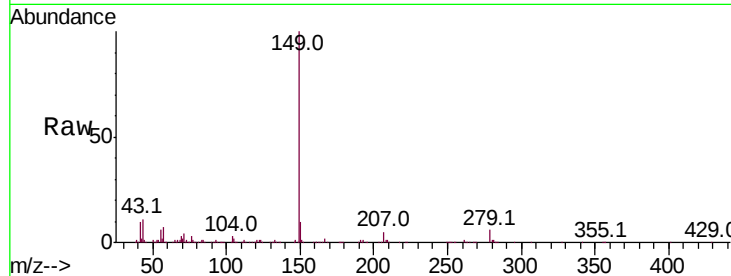
ClientSampleId :

SSTDCCC040

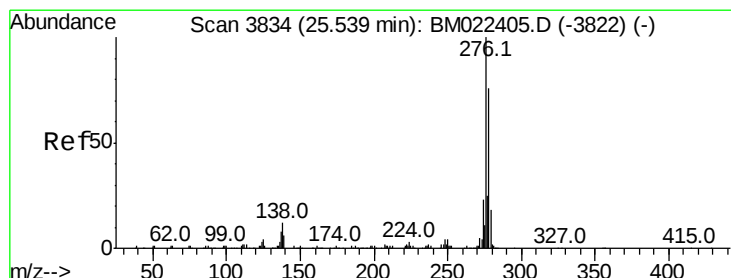
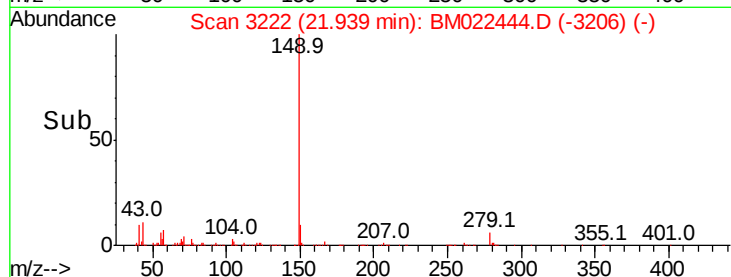
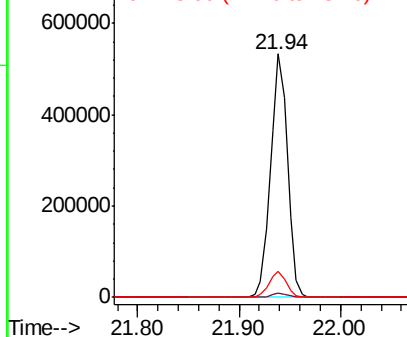
Tot Ion:	149	Resp:	614504
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.0	9.0	13.6

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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: 34.892 ng

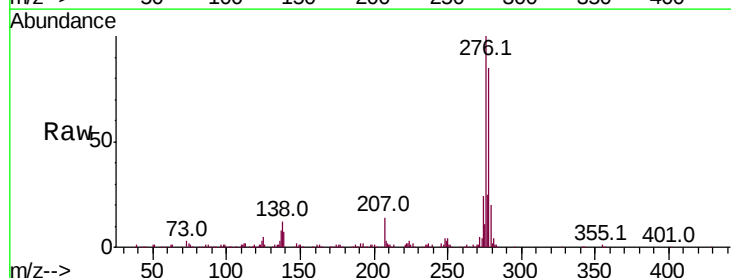
RT: 25.54 min Scan# 3834

Delta R.T. -0.00 min

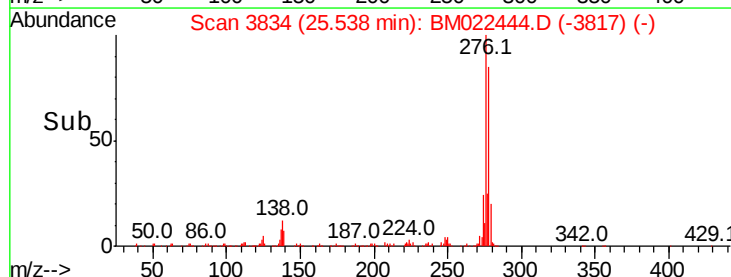
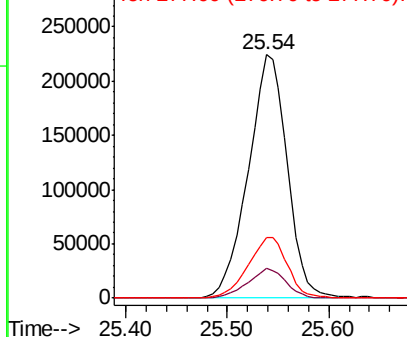
Lab File: BM022444.D

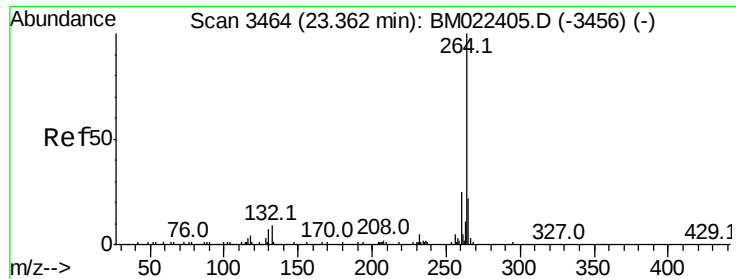
Acq: 30 Aug 2019 17:02

Tgt Ion:	276	Resp:	595600
Ion Ratio	Lower	Upper	
276	100		
138	11.9	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# 3463

Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

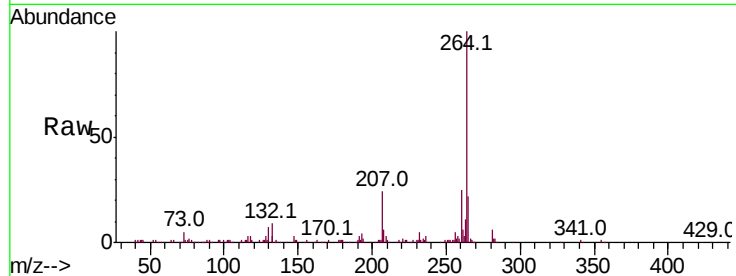
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	215977
Ion Ratio	Lower	Upper	
264	100		
260	25.5	20.2	30.2
265	22.3	18.2	27.2

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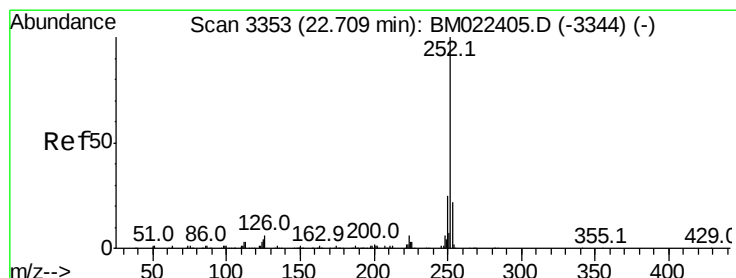
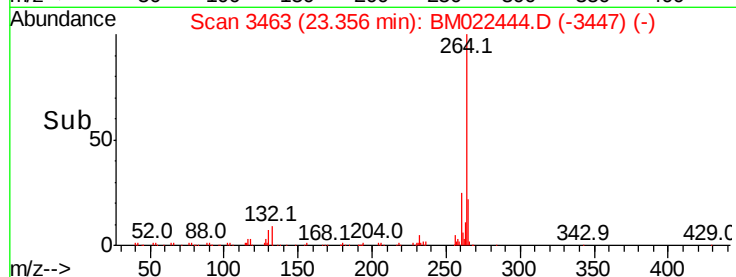
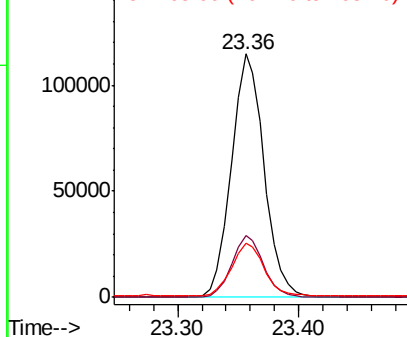


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.101 ng

RT: 22.70 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

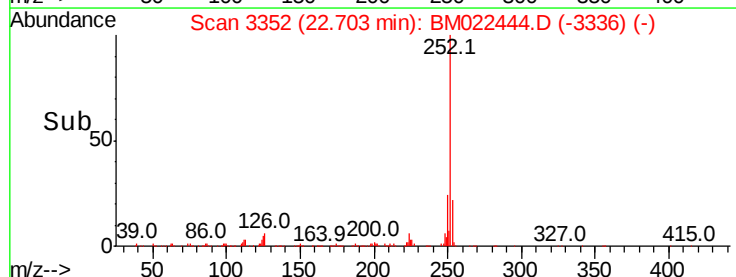
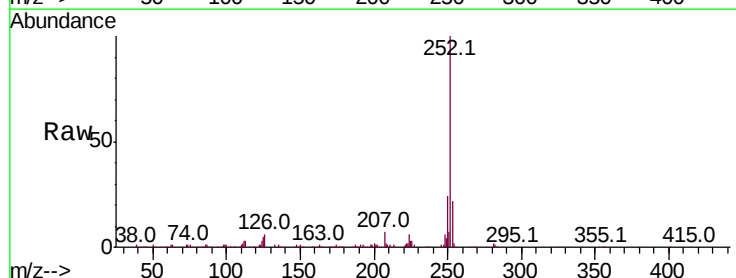
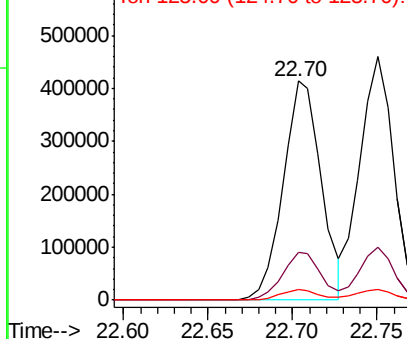
Tgt Ion:	252	Resp:	646697
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	4.7	3.5	5.3

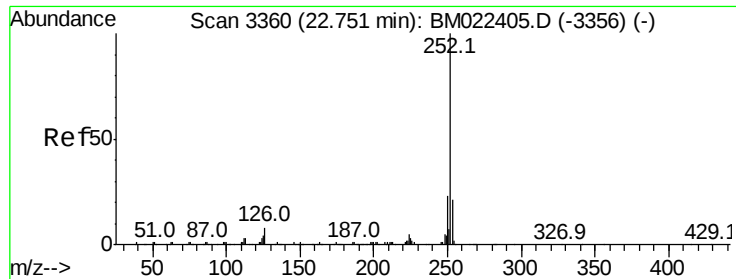
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.247 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Instrument :

BNA_M

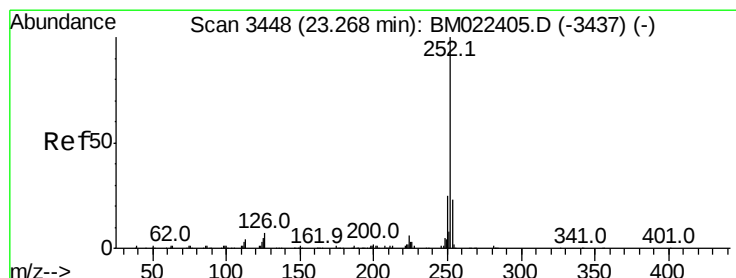
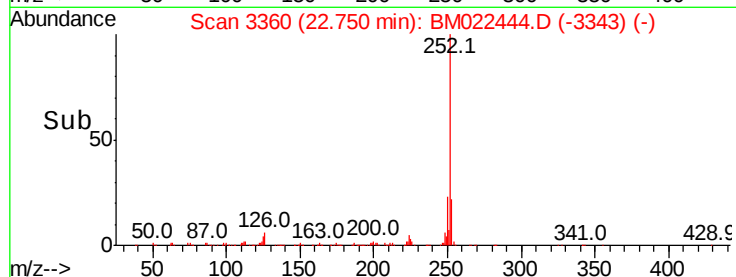
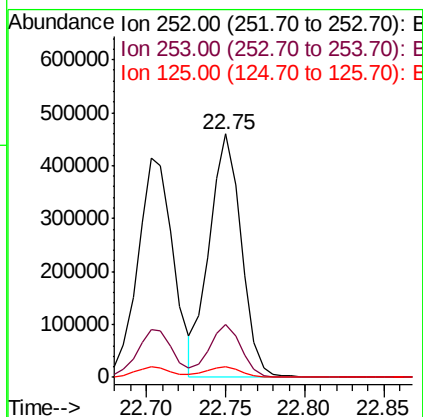
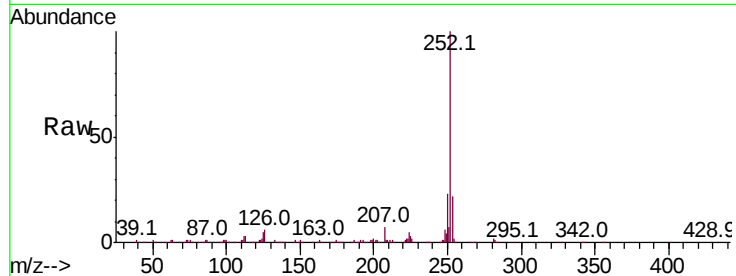
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	643699
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.4
125	4.6	3.7	5.5

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#90

Benzo(a)pyrene

Concen: 42.082 ng

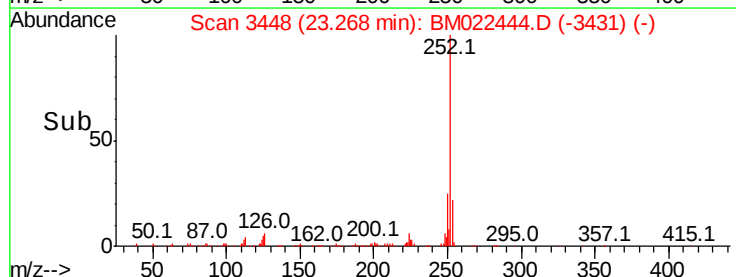
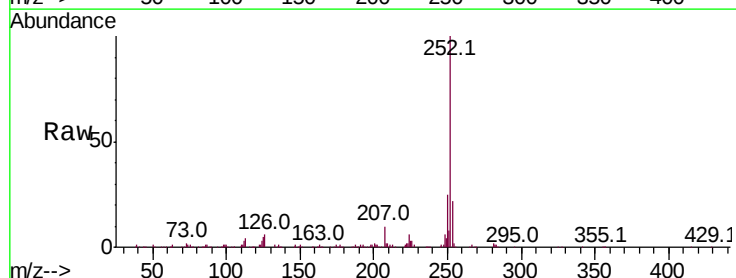
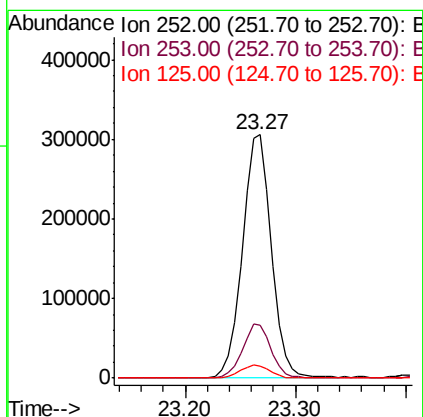
RT: 23.27 min Scan# 3448

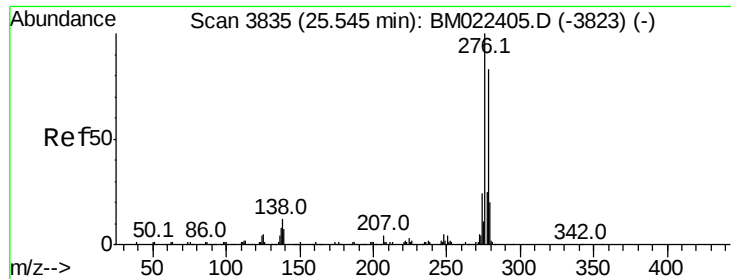
Delta R.T. -0.00 min

Lab File: BM022444.D

Acq: 30 Aug 2019 17:02

Tgt Ion:	252	Resp:	560431
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	4.9	3.8	5.8





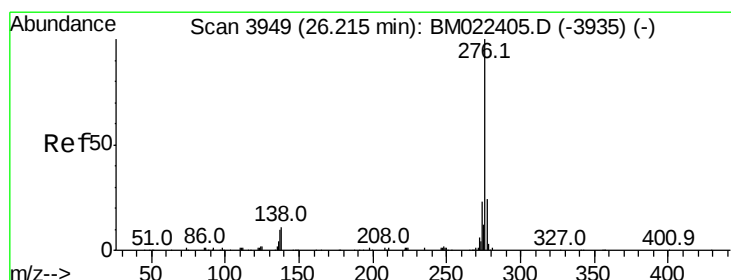
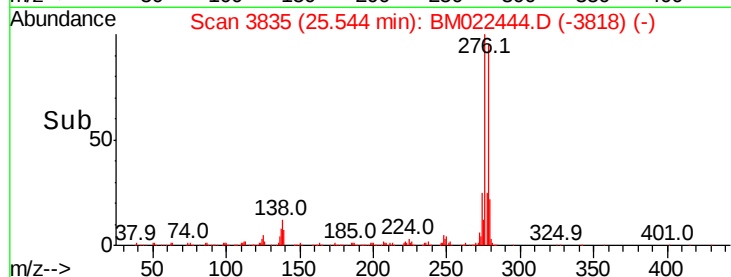
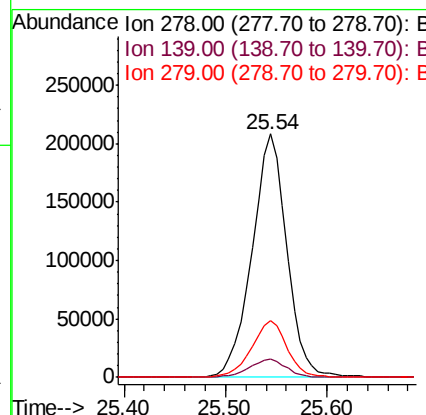
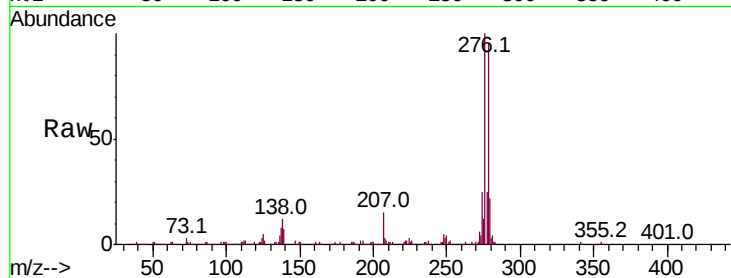
#91
Dibenzo(a,h)anthracene
Concen: 37.352 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.7	6.6	9.8
279	23.5	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/31/2019 2:43:52 PM



#92
Benzo(g,h,i)perylene
Concen: 35.682 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.00 min
Lab File: BM022444.D
Acq: 30 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	10.2	8.8	13.2

