

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
 Data File : BM024616.D
 Acq On : 24 Jan 2020 11:55
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/28/2020 8:13:06 AM

Quant Time: Jan 24 16:55:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	227216	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	957459	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	672995	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1551386	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1609831	20.00	ng	0.00
87) Perylene-d12	23.16	264	1724547	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	922285	77.19	ng	0.00
7) Phenol-d6	6.64	99	1276288	77.54	ng	0.00
23) Nitrobenzene-d5	8.59	82	1447711	74.15	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	784888	71.70	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3586826	72.46	ng	0.00
79) Terphenyl-d14	19.50	244	6754099	78.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	177668	37.592	ng	100
3) Pyridine	3.45	79	555421	40.539	ng	100
4) n-Nitrosodimethylamine	3.37	42	228727	37.611	ng	95
6) Aniline	6.78	93	782969	39.078	ng	97
8) 2-Chlorophenol	7.02	128	527827	38.808	ng	98
9) Benzaldehyde	6.60	77	367576	37.797	ng	99
10) Phenol	6.66	94	633192	38.594	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	511935	38.978	ng	99
12) 1,3-Dichlorobenzene	7.33	146	636349	38.085	ng	98
13) 1,4-Dichlorobenzene	7.47	146	647739	38.212	ng	99
14) 1,2-Dichlorobenzene	7.79	146	618993	37.831	ng	99
15) Benzyl Alcohol	7.69	79	529772	39.040	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.98	45	477078	39.678	ng	97
17) 2-Methylphenol	7.89	107	450089	38.930	ng	98
18) Hexachloroethane	8.50	117	247194	37.765	ng	95
19) n-Nitroso-di-n-propylamine	8.25	70	476490	38.559	ng	97
20) 3+4-Methylphenols	8.22	107	618573	38.651	ng	99
22) Acetophenone	8.26	105	911039	36.901	ng	99
24) Nitrobenzene	8.62	77	697282	37.269	ng	98
25) Isophorone	9.15	82	1247202	37.597	ng	99
26) 2-Nitrophenol	9.33	139	319544	36.885	ng	99
27) 2,4-Dimethylphenol	9.40	122	432552	36.743	ng	98
28) bis(2-Chloroethoxy)methane	9.64	93	767813	37.889	ng	98
29) 2,4-Dichlorophenol	9.86	162	585550	36.815	ng	100
30) 1,2,4-Trichlorobenzene	10.07	180	692992	36.127	ng	99
31) Naphthalene	10.25	128	1784309	36.897	ng	100
32) Benzoic acid	9.56	122	412926m	38.344	ng	
33) 4-Chloroaniline	10.36	127	792323	37.379	ng	98
34) Hexachlorobutadiene	10.56	225	474562	35.788	ng	99
35) Caprolactam	11.15	113	196913m	38.589	ng	
36) 4-Chloro-3-methylphenol	11.51	107	631288	37.327	ng	96
37) 2-Methylnaphthalene	11.87	142	1360177	36.447	ng	99
38) 1-Methylnaphthalene	12.10	142	1295739	36.500	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	869973	36.220	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	494488	36.729	nq	99
43) 2,4,6-Trichlorophenol	12.50	196	558996	36.572	nq	97
44) 2,4,5-Trichlorophenol	12.57	196	577275	36.981	nq	98
46) 1,1'-Biphenyl	12.92	154	1868168	36.681	nq	99
47) 2-Chloronaphthalene	12.95	162	1514655	36.838	nq	99
48) 2-Nitroaniline	13.16	65	477636	38.088	nq	96
49) Acenaphthylene	13.81	152	2255810	36.649	nq	99
50) Dimethylphthalate	13.57	163	2009148	36.919	nq	100
51) 2,6-Dinitrotoluene	13.67	165	430165	37.179	nq	98
52) Acenaphthene	14.16	154	1396721	36.569	nq	99
53) 3-Nitroaniline	14.00	138	448020	37.334	nq	100
54) 2,4-Dinitrophenol	14.21	184	251412	36.337	nq	98
55) Dibenzofuran	14.50	168	2271791	36.471	nq	98
56) 4-Nitrophenol	14.33	139	359902	38.367	nq	95
57) 2,4-Dinitrotoluene	14.47	165	613847	37.019	nq	98
58) Fluorene	15.15	166	1907396	36.437	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	572149	36.143	nq	100
60) Diethylphthalate	14.95	149	2042653	36.972	nq	99
61) 4-Chlorophenyl-phenylether	15.16	204	1081054	35.820	nq	100
62) 4-Nitroaniline	15.17	138	498580	37.640	nq	99
63) Azobenzene	15.45	77	1748144	37.095	nq	98
65) 4,6-Dinitro-2-methylphenol	15.24	198	338990	37.163	nq	96
66) n-Nitrosodiphenylamine	15.37	169	1662347	37.303	nq	99
67) 4-Bromophenyl-phenylether	16.05	248	696286	36.091	nq	98
68) Hexachlorobenzene	16.16	284	809167	36.549	nq	98
69) Atrazine	16.34	200	638992	37.356	nq	99
70) Pentachlorophenol	16.50	266	490771	36.393	nq	98
71) Phenanthrene	16.89	178	3095439	36.846	nq	99
72) Anthracene	16.97	178	3038646	36.966	nq	100
73) Carbazole	17.25	167	2791442	37.303	nq	100
74) Di-n-butylphthalate	17.84	149	3610206	37.738	nq	100
75) Fluoranthene	18.91	202	3879669	37.001	nq	99
77) Benzidine	19.10	184	1792083	47.801	nq	99
78) Pyrene	19.27	202	3946686	37.189	nq	99
80) Butylbenzylphthalate	20.22	149	1691251	37.978	nq	99
81) Benzo(a)anthracene	21.04	228	4104685	36.737	nq	100
82) 3,3'-Dichlorobenzidine	20.98	252	1544490	38.427	nq	100
83) Chrysene	21.09	228	3935257	36.911	nq	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	2424922	36.905	nq	100
85) Di-n-octyl phthalate	21.86	149	4095007	37.722	nq	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	4169413	35.880	nq	98
88) Benzo(b)fluoranthene	22.54	252	4102843	36.682	nq	100
89) Benzo(k)fluoranthene	22.59	252	4116246	37.703	nq	99
90) Benzo(a)pyrene	23.07	252	3766932	37.043	nq	100
91) Dibenzo(a,h)anthracene	25.24	278	3482493	36.081	nq	99
92) Benzo(g,h,i)perylene	25.86	276	3171217	36.184	nq	99

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

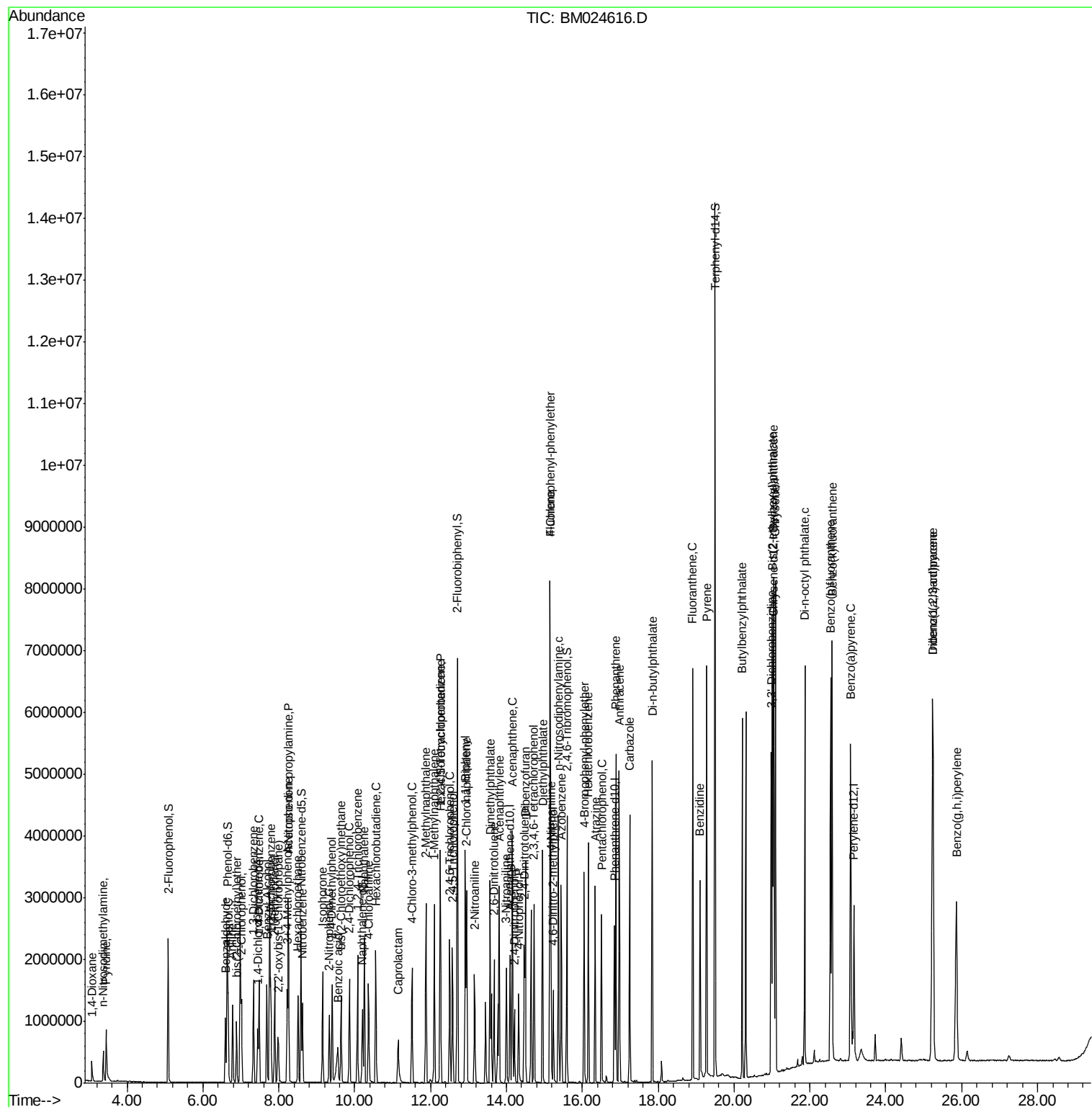
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
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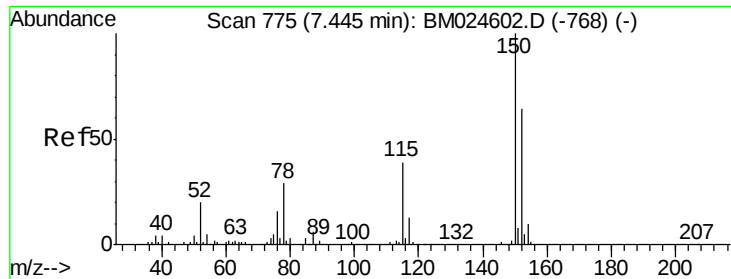
Instrument :
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ClientSampleId :
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#1

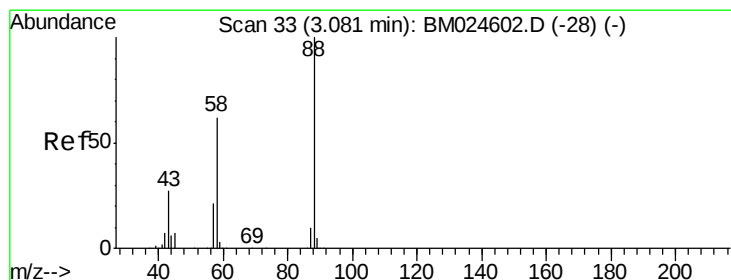
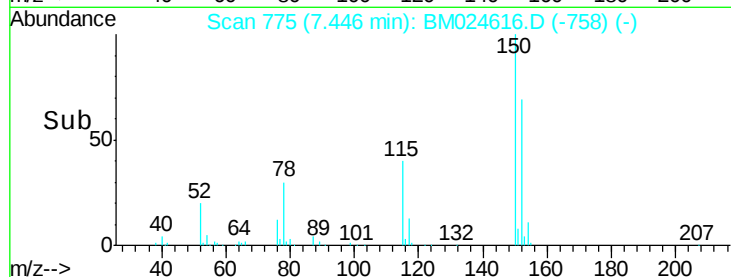
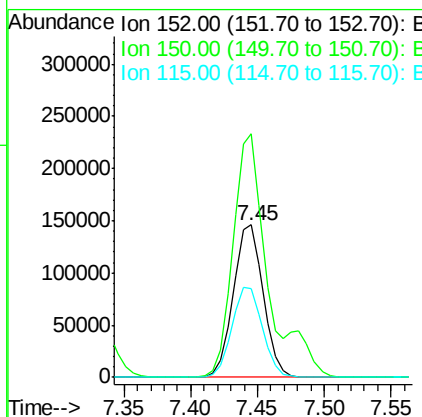
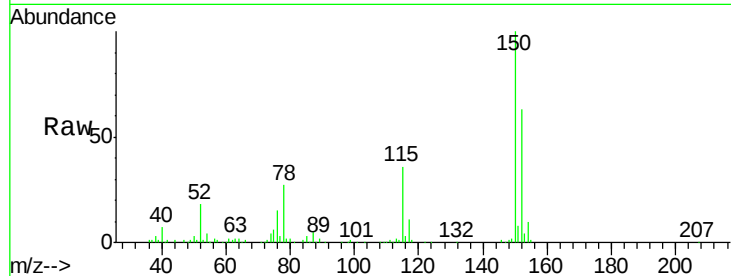
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.2	186.4
115	57.8	48.6	72.8

Manual Integrations
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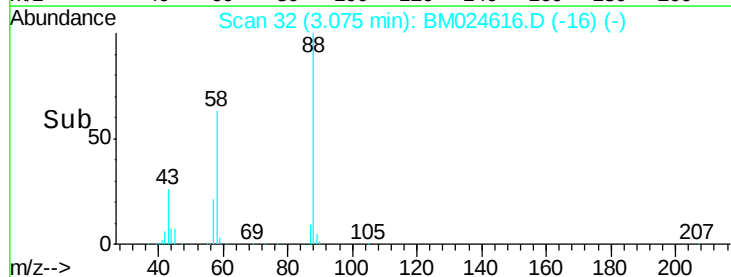
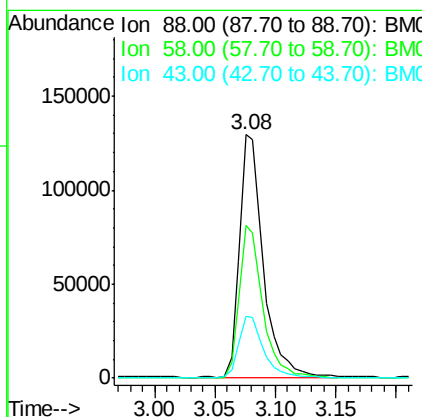
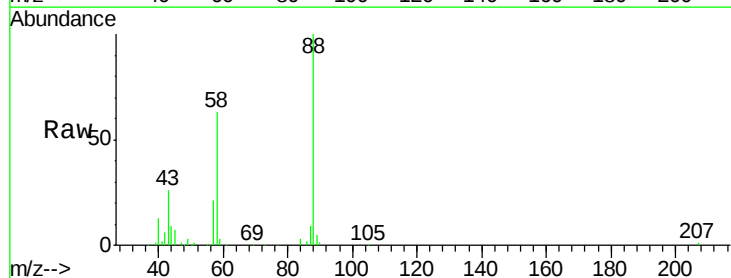
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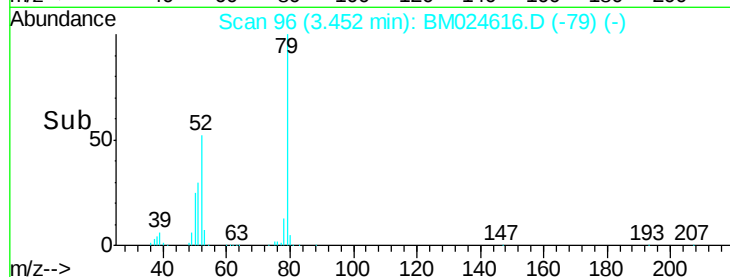
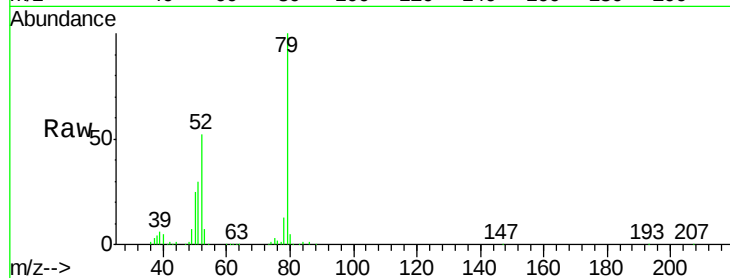
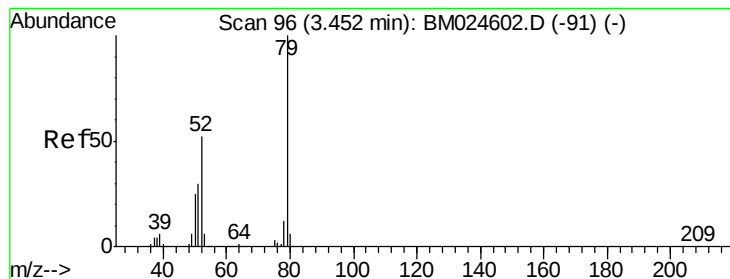


#2

1,4-Dioxane
Concen: 37.592 ng
RT: 3.08 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	50.0	75.0
43	27.0	21.6	32.4





#3

Pvridine

Concen: 40.539 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tot Ion:	79	Resp:	555421
Ion Ratio	Lower	Upper	
79	100		
52	51.8	41.4	62.2
51	30.3	23.8	35.8

Instrument :

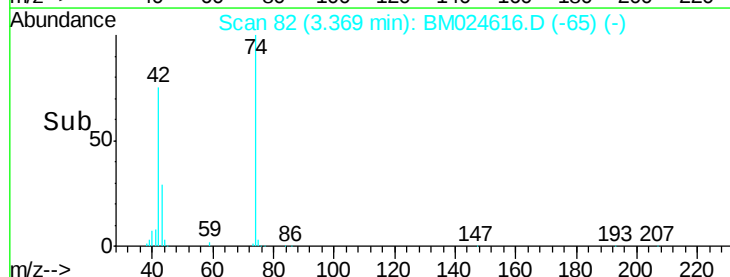
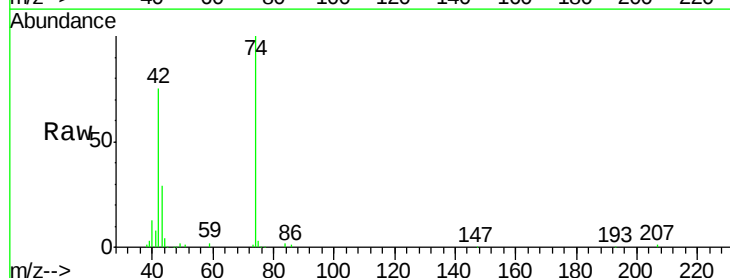
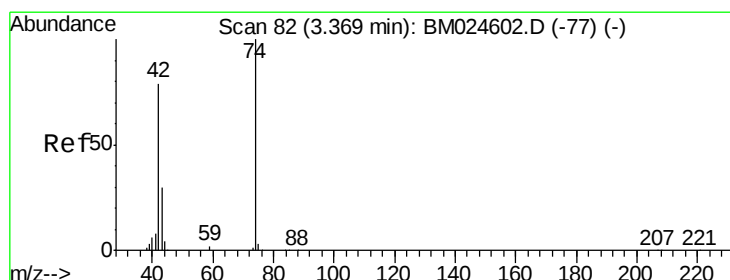
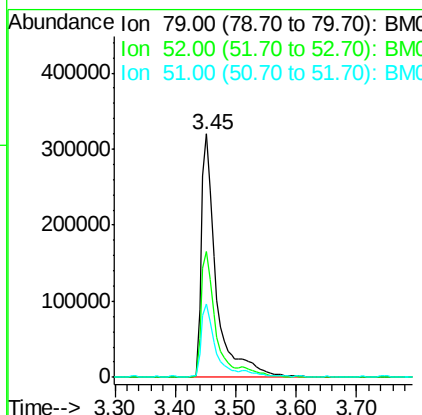
BNA_M

ClientSampleId :

SSTDCCC040

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#4

n-Nitrosodimethylamine

Concen: 37.611 ng

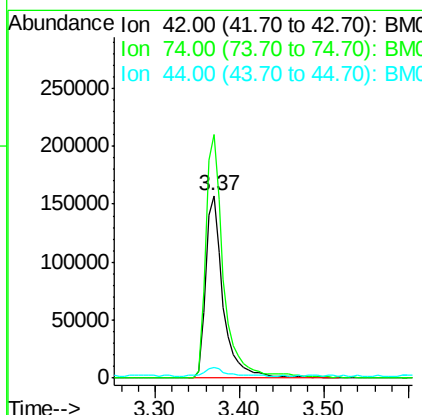
RT: 3.37 min Scan# 82

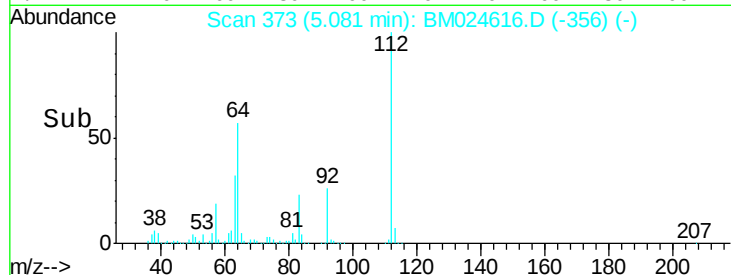
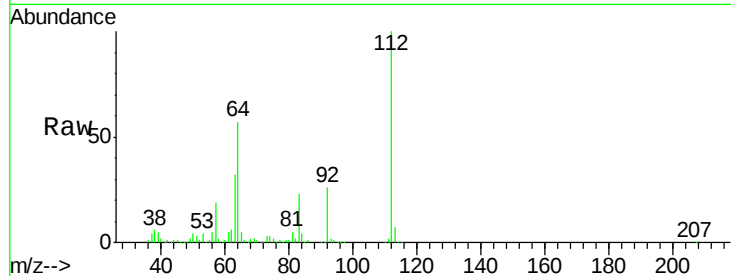
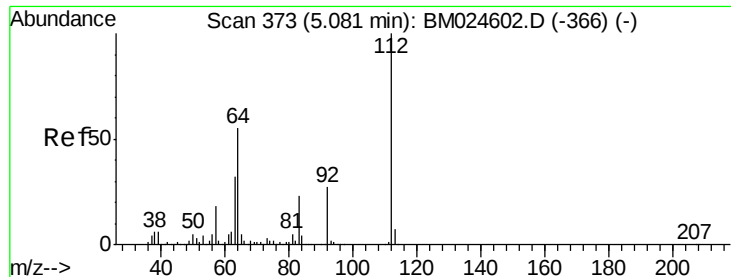
Delta R.T. 0.00 min

Lab File: BM024616.D

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Tgt Ion:	42	Resp:	228727
Ion Ratio	Lower	Upper	
42	100		
74	133.3	101.4	152.2
44	5.9	4.6	6.8





#5

2-Fluorophenol

Concen: 77.194 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tot Ion	Ratio	Resp	Lower	Upper
112	100	922285		
64	56.6		44.2	66.4
63	31.7		25.9	38.9

Instrument :

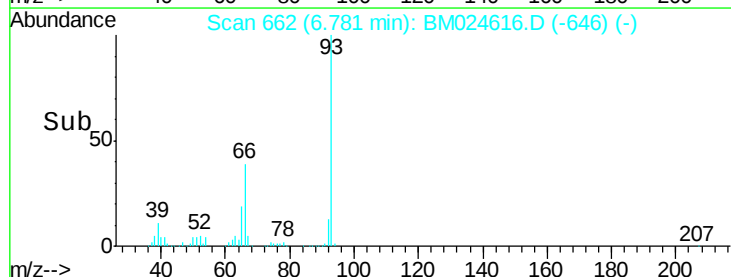
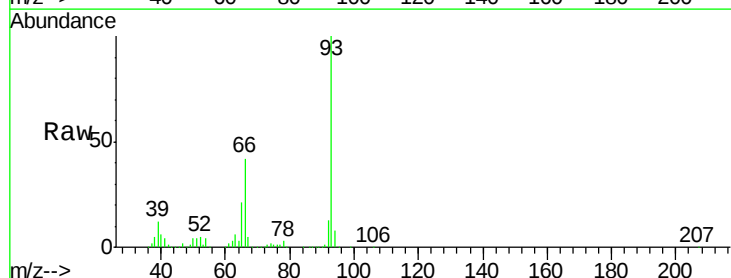
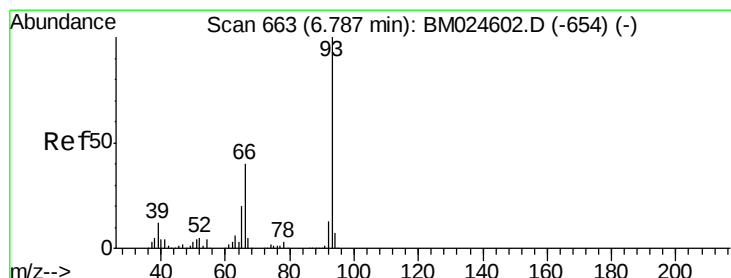
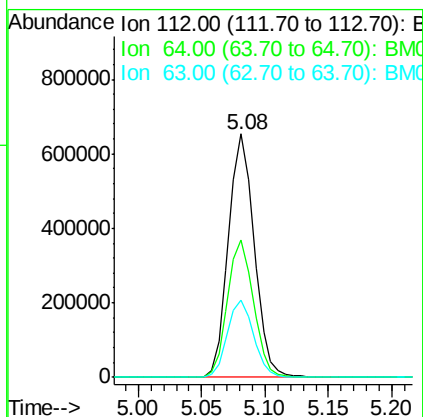
BNA_M

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SSTDCCC040

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#6

Aniline

Concen: 39.078 ng

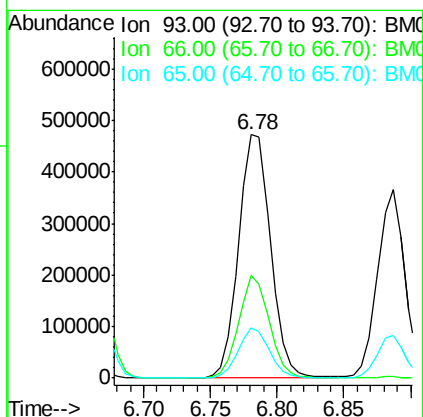
RT: 6.78 min Scan# 662

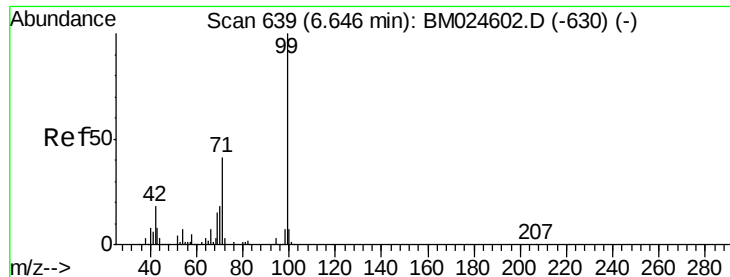
Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	782969		
66	42.0		31.8	47.8
65	20.5		15.8	23.6





#7

Phenol-d6

Concen: 77.545 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1276288

Ion Ratio Lower Upper

99 100

42 17.7 14.1 21.1

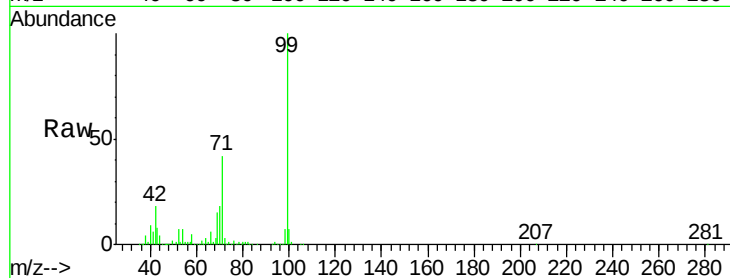
71 41.8 33.0 49.6

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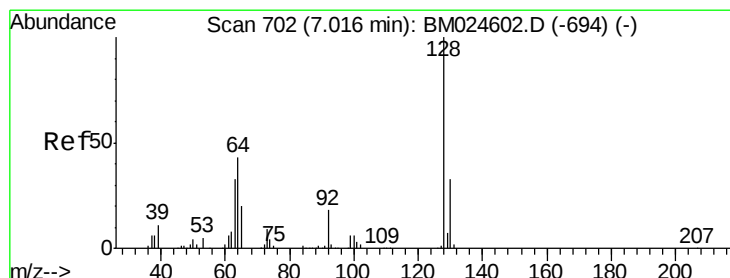
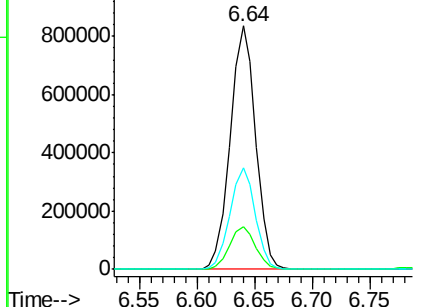
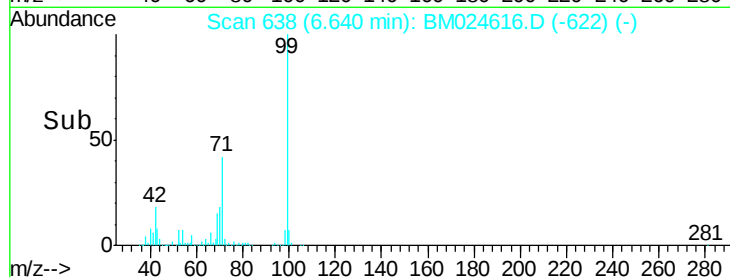
1/28/2020 8:13:06 AM



Abundance Ion 99.00 (98.70 to 99.70): BM024616.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024616.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024616.D (-622) (-)



#8

2-Chlorophenol

Concen: 38.808 ng

RT: 7.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

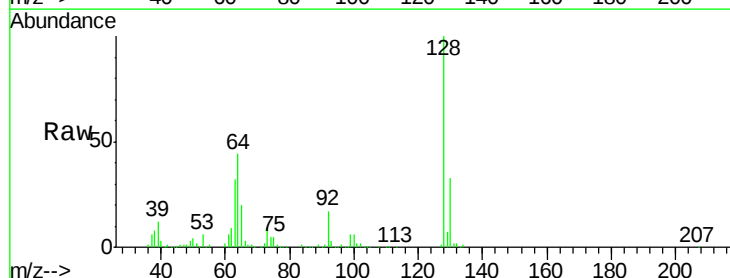
Tgt Ion: 128 Resp: 527827

Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

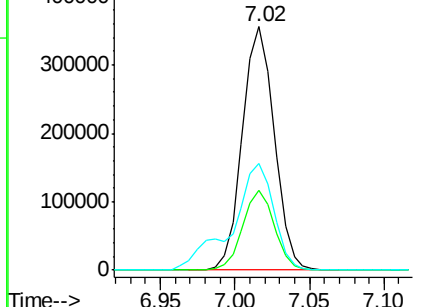
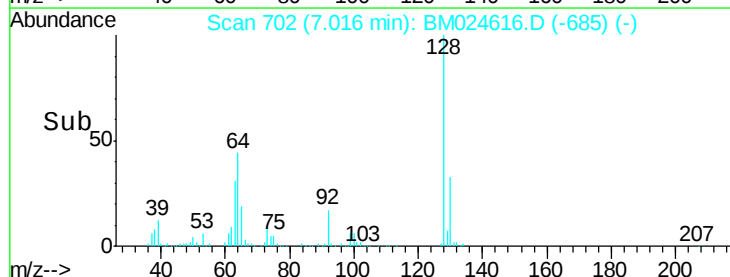
64 44.0 26.1 66.1

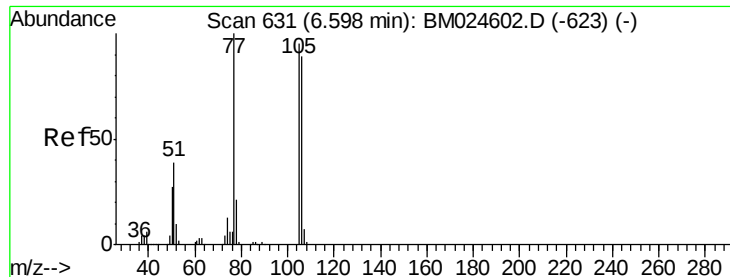


Abundance Ion 128.00 (127.70 to 128.70): BM024616.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024616.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024616.D (-685) (-)





#9

Benzaldehyde

Concen: 37.797 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

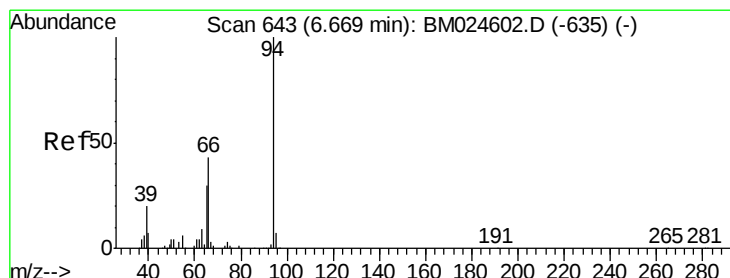
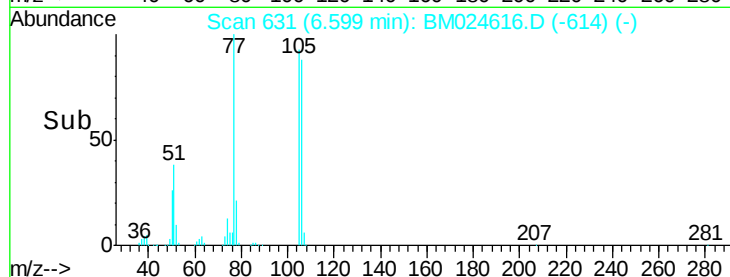
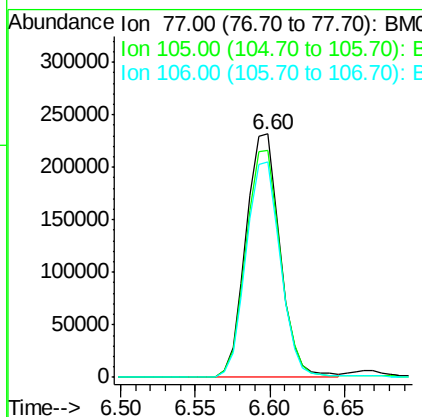
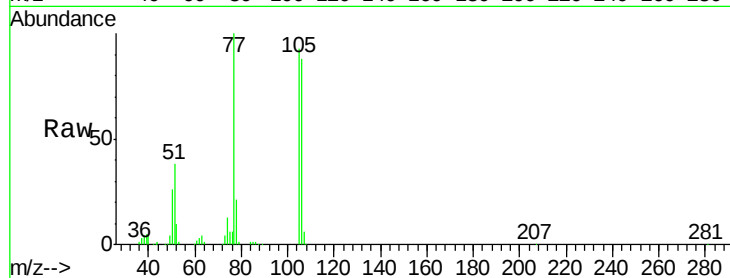
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	367576
Ion	Ratio	Lower	Upper
77	100		
105	93.4	75.2	115.2
106	88.2	68.6	108.6

Manual Integrations
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#10

Phenol

Concen: 38.594 ng

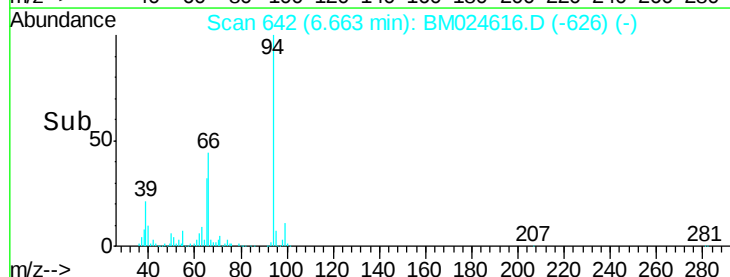
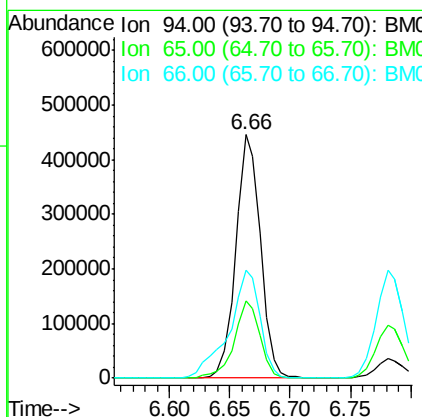
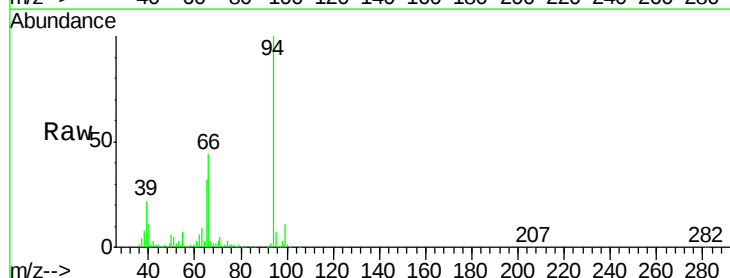
RT: 6.66 min Scan# 642

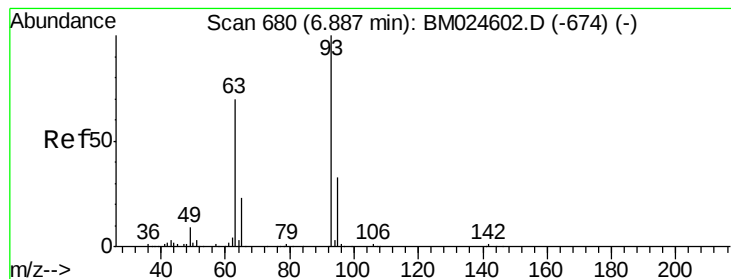
Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion:	94	Resp:	633192
Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.3	50.3
66	44.3	24.8	64.8





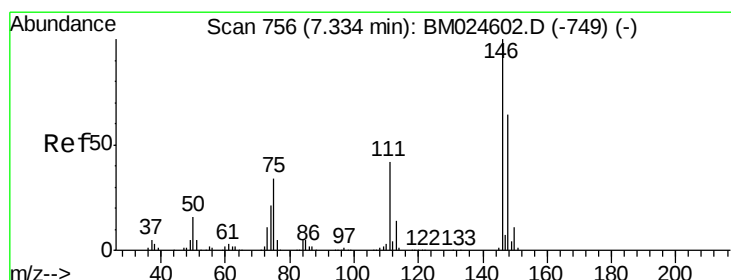
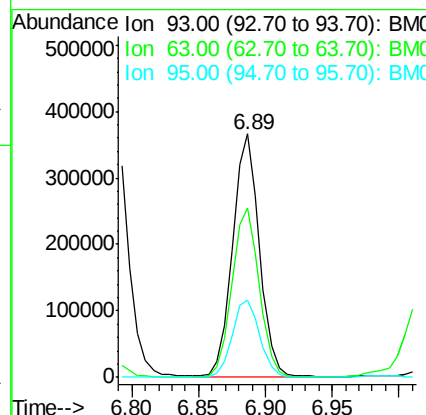
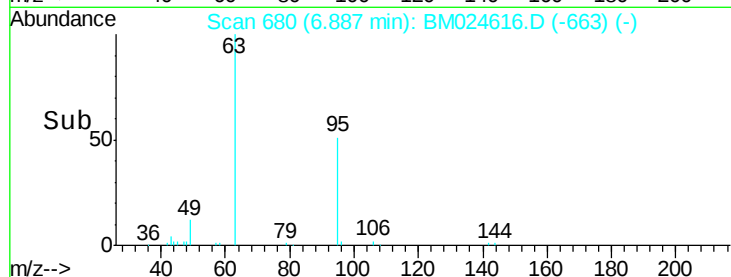
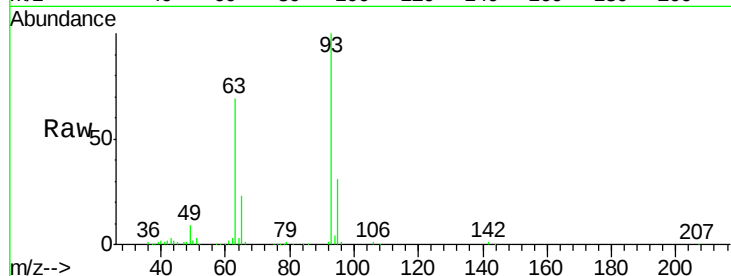
#11
bis(2-Chloroethyl)ether
Concen: 38.978 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.3	49.6	89.6
95	31.5	12.6	52.6

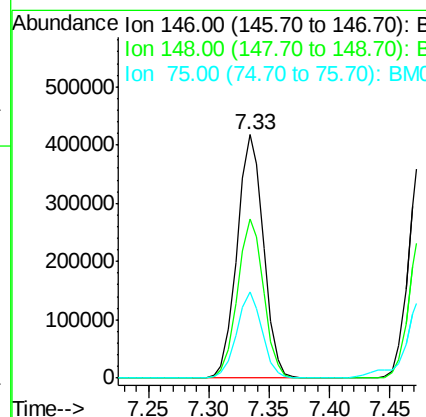
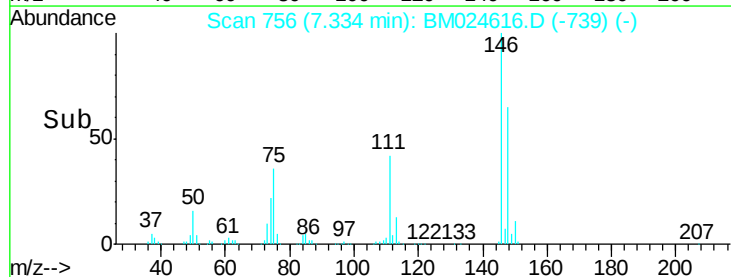
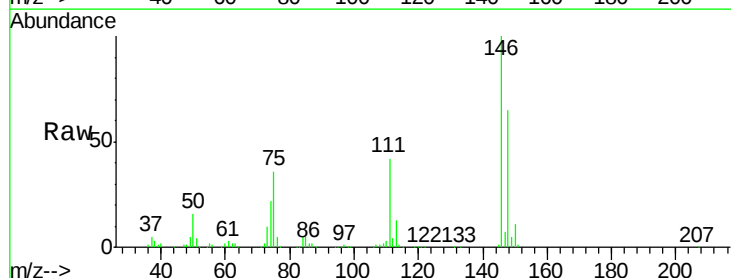
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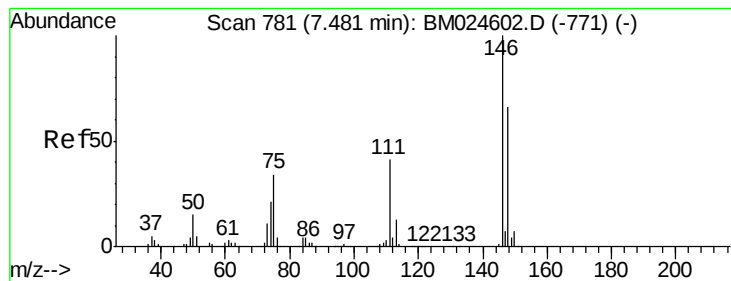
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#12
1,3-Dichlorobenzene
Concen: 38.085 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
75	35.5	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 38.212 ng

RT: 7.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

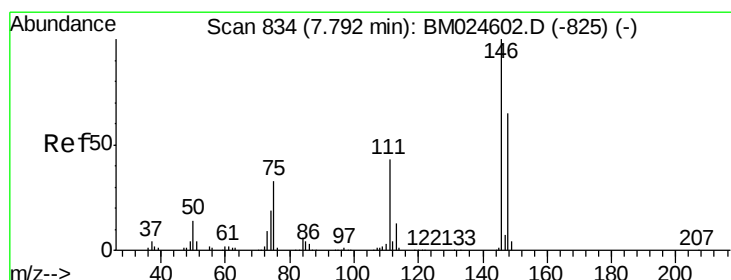
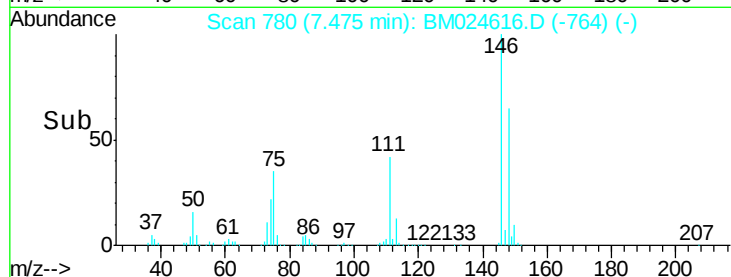
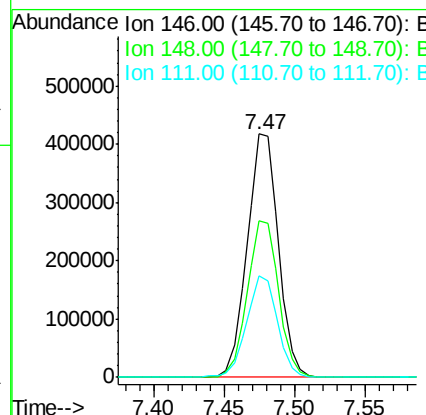
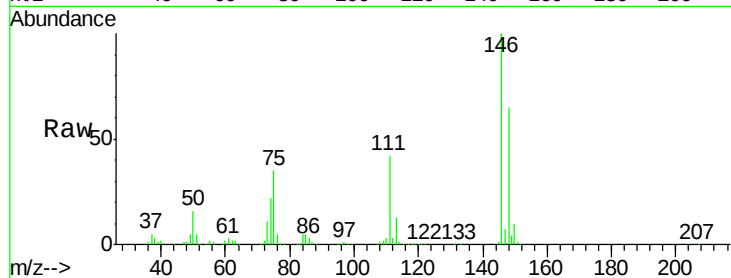
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	647739
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.5	78.7
111	41.6	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 37.831 ng

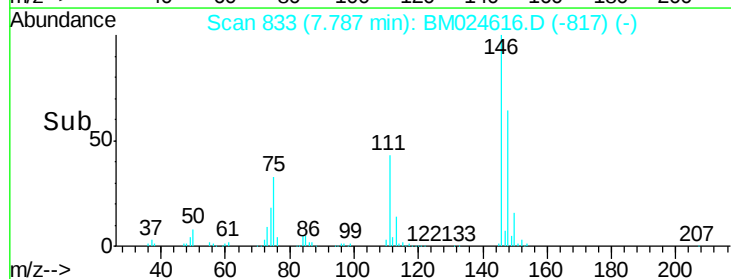
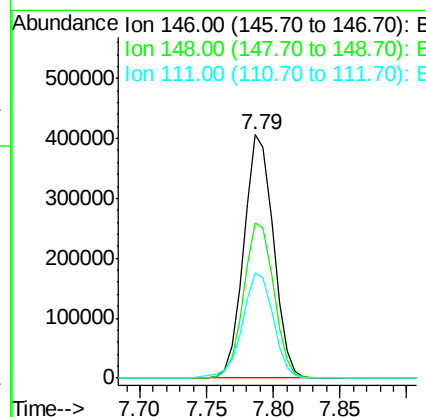
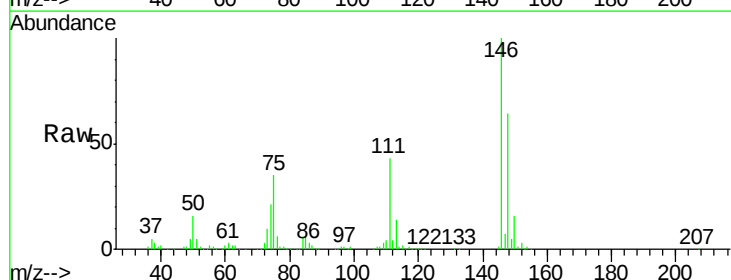
RT: 7.79 min Scan# 833

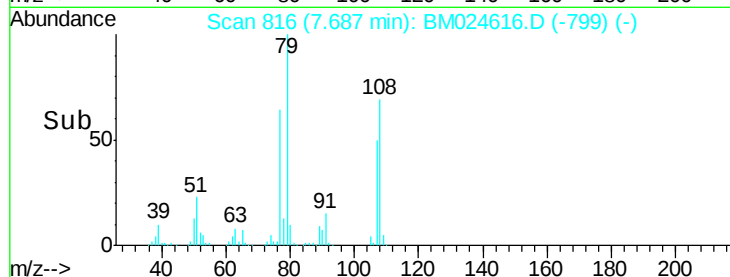
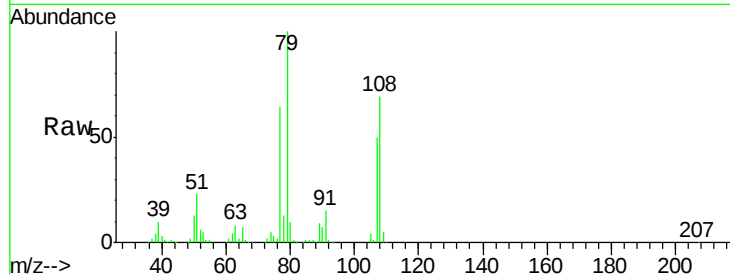
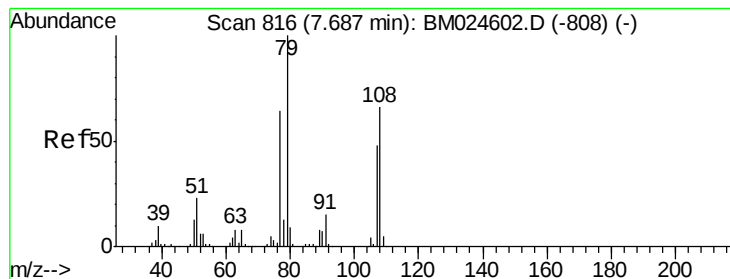
Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion:	146	Resp:	618993
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
111	43.4	34.5	51.7





#15

Benzyl Alcohol

Concen: 39.040 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tot Ion:	79	Resp:	529772
Ion	Ratio	Lower	Upper
79	100		
108	69.4	53.0	79.4
77	64.0	50.8	76.2

Instrument :

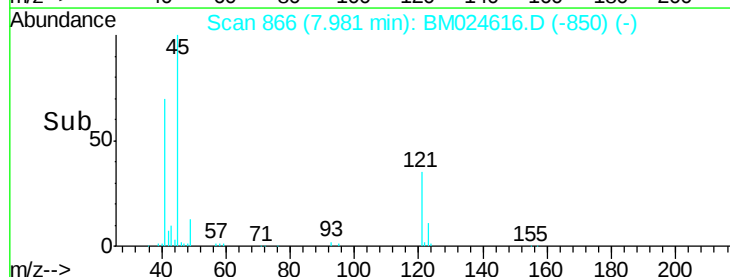
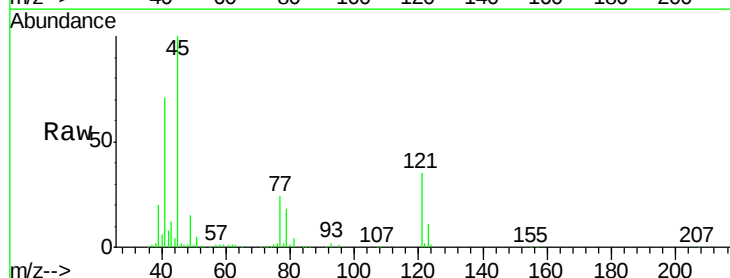
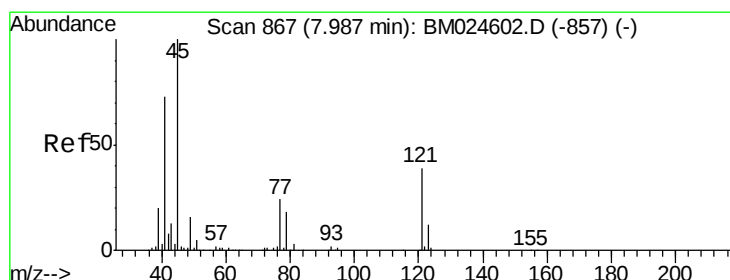
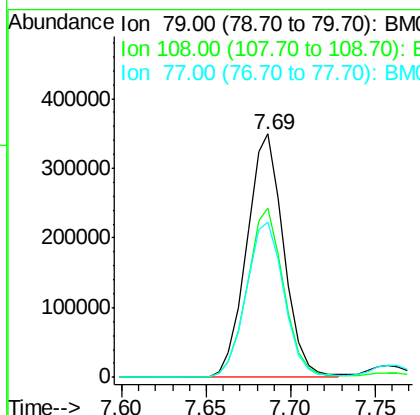
BNA_M

ClientSampleId :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.678 ng

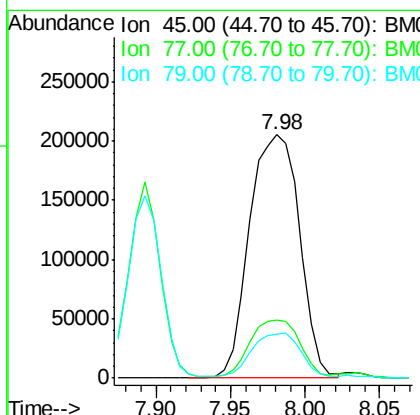
RT: 7.98 min Scan# 866

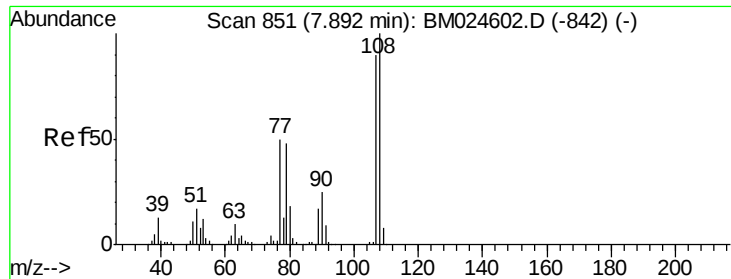
Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion:	45	Resp:	477078
Ion	Ratio	Lower	Upper
45	100		
77	23.9	5.2	45.2
79	18.3	0.0	39.4





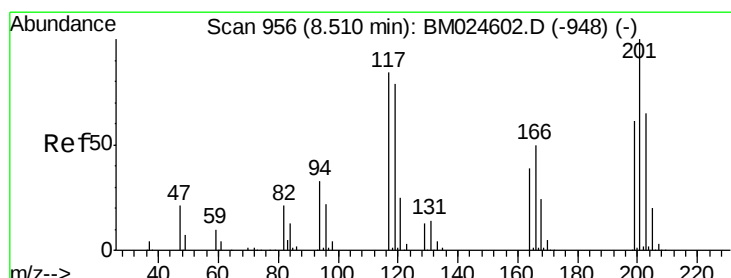
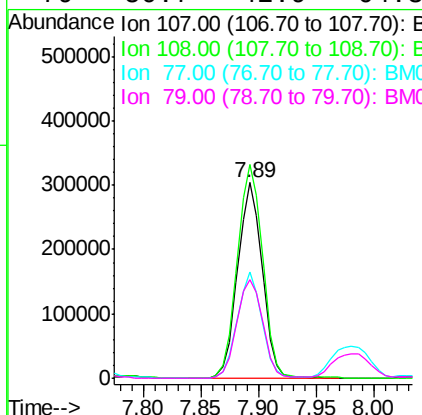
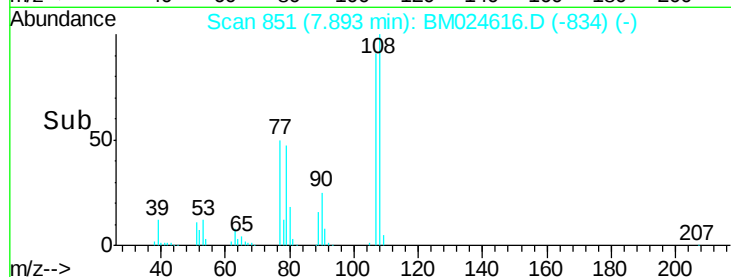
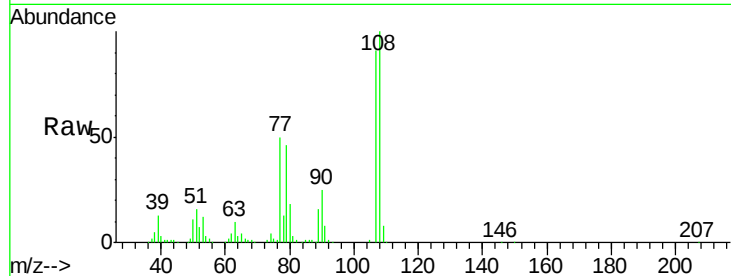
#17
2-Methylphenol
Concen: 38.930 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	88.9	133.3	
77	54.7	44.5	66.7	
79	50.7	42.9	64.3	

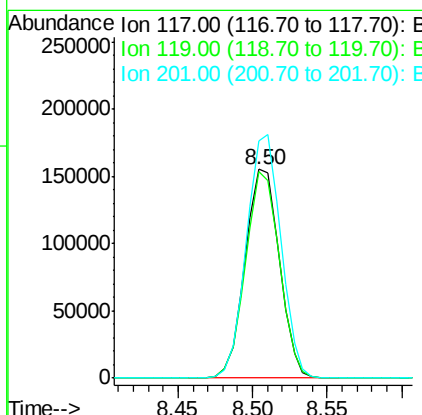
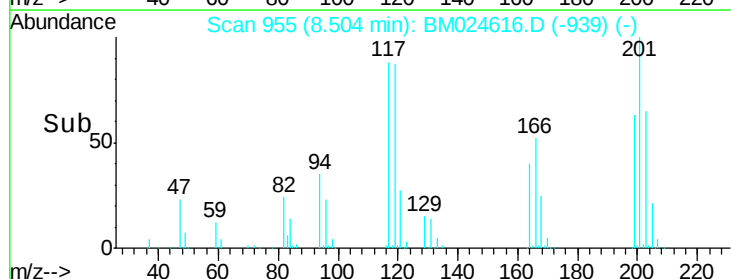
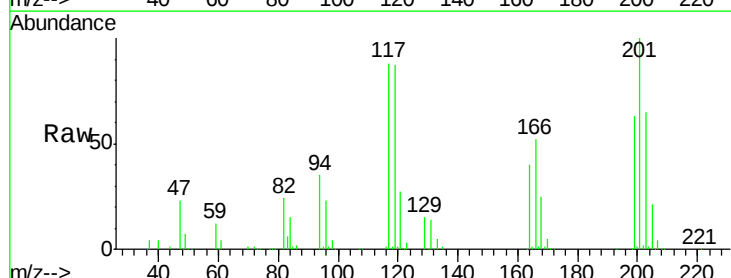
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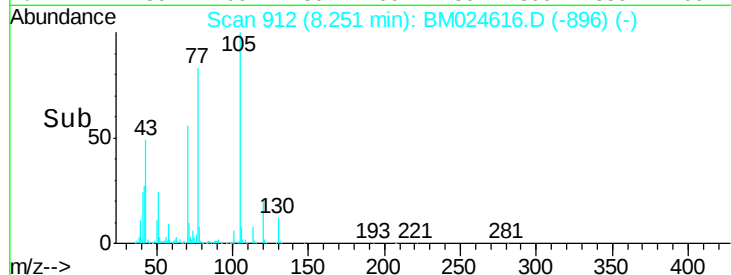
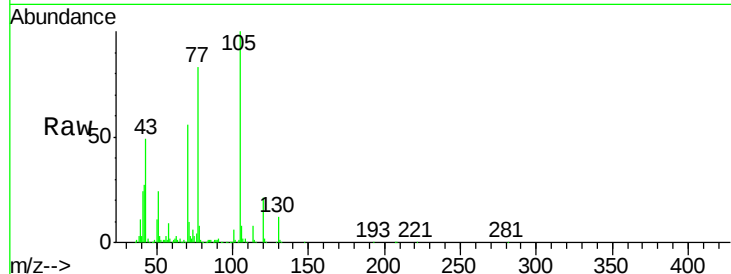
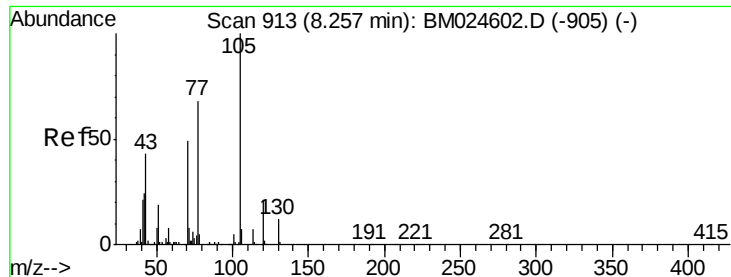
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#18
Hexachloroethane
Concen: 37.765 ng
RT: 8.50 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.1	75.4	113.2	
201	113.8	95.8	143.6	





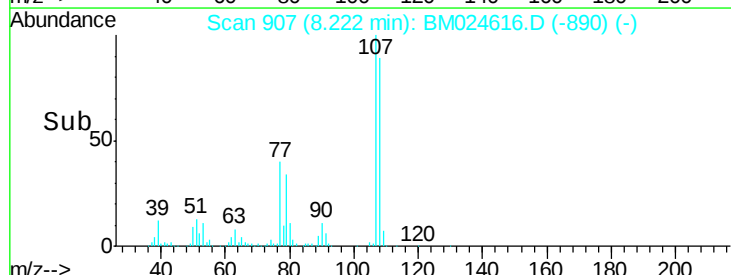
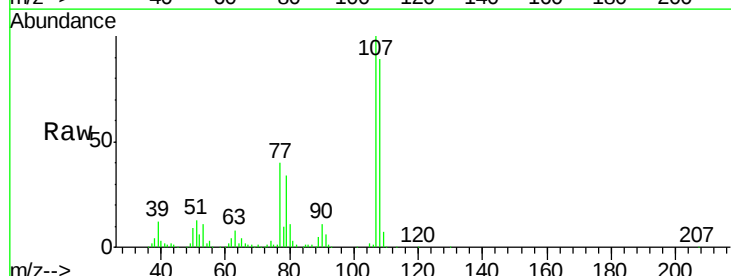
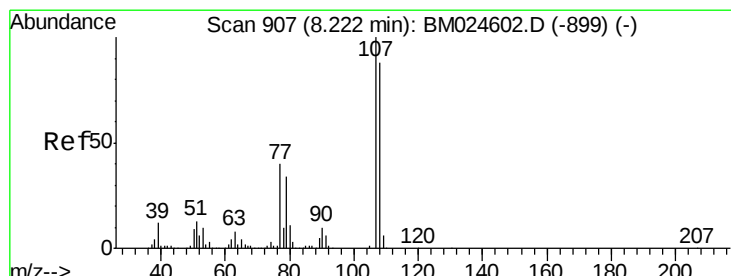
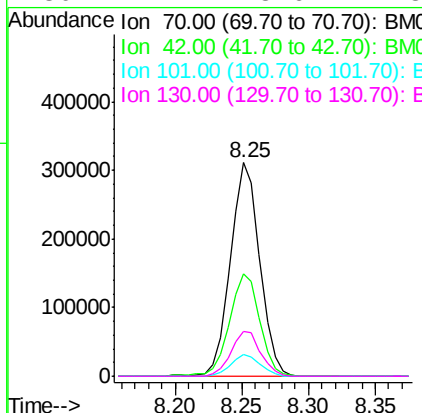
#19
n-Nitroso-di-n-propylamine
Concen: 38.559 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.8	40.0	60.0	
101	10.1	8.2	12.2	
130	21.1	18.6	27.8	

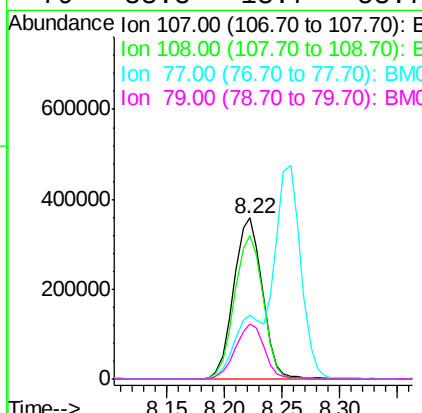
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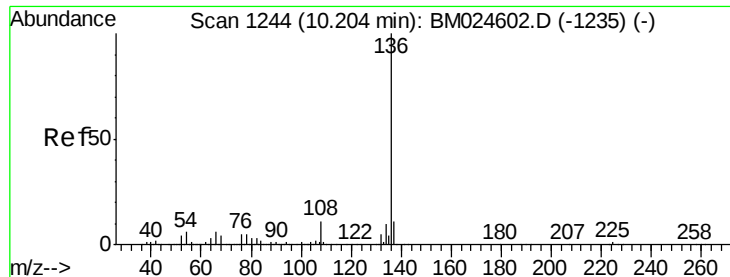
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#20
3+4-Methylphenols
Concen: 38.651 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	68.0	108.0	
77	40.0	19.9	59.9	
79	33.8	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

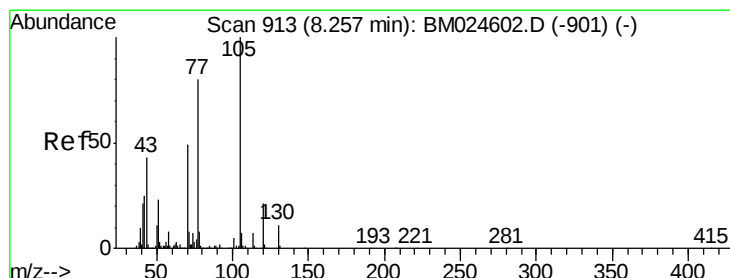
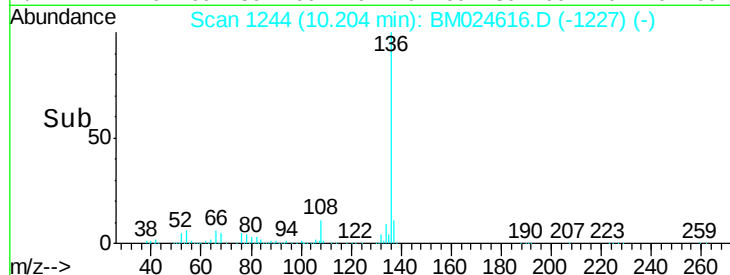
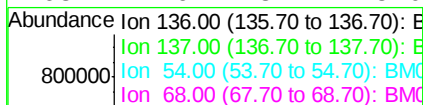
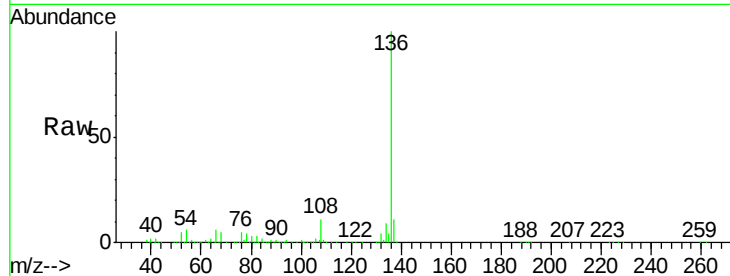
ClientSampleId :

SSTDCCC040

Tot Ion	136	Resp	957459
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.1	4.5	6.7
68	4.6	3.4	5.0

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#22

Acetophenone

Concen: 36.901 ng

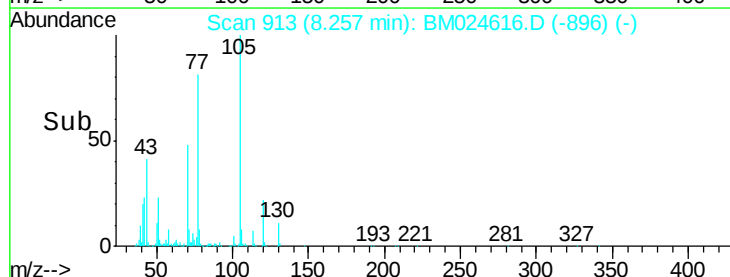
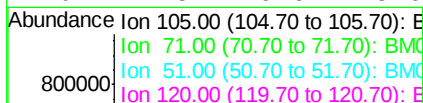
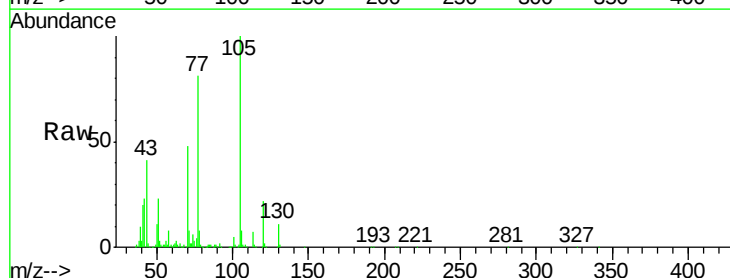
RT: 8.26 min Scan# 913

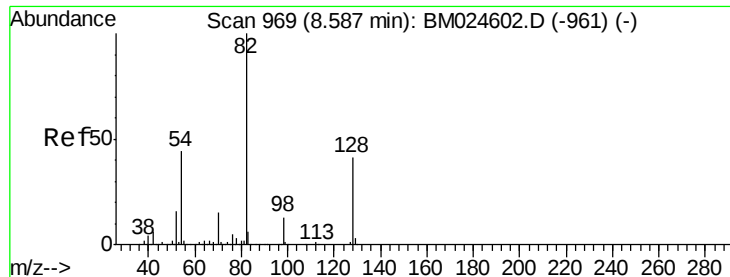
Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion	105	Resp	911039
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.7	10.1
51	23.2	18.5	27.7
120	21.5	16.6	25.0





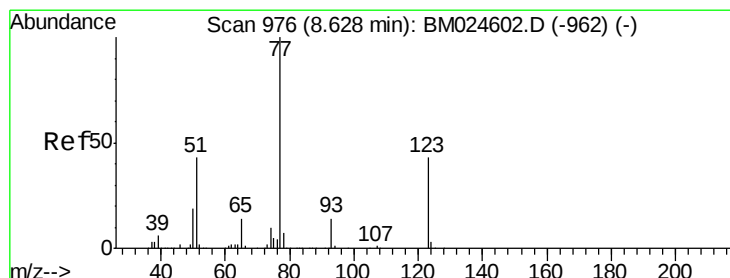
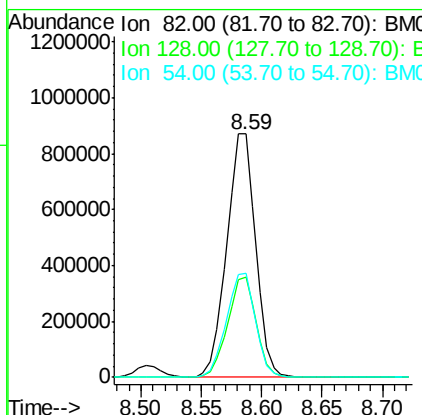
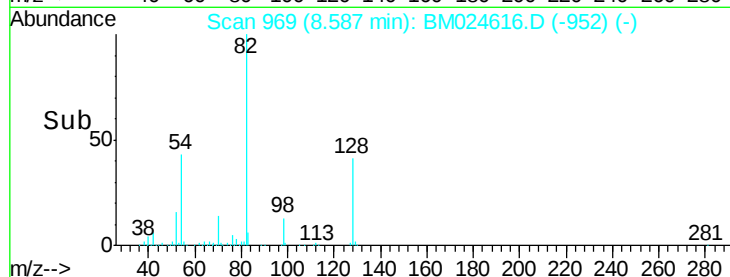
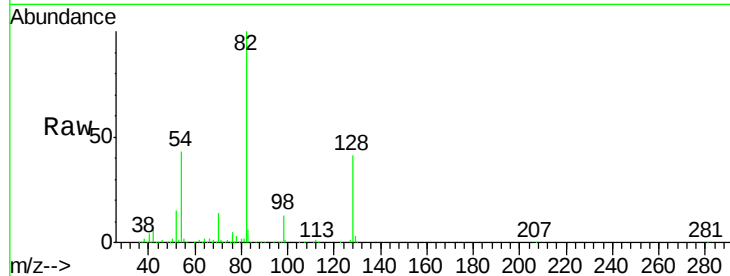
#23
Nitrobenzene-d5
Concen: 74.152 ng
RT: 8.59 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.6	48.8
54	42.6	34.8	52.2

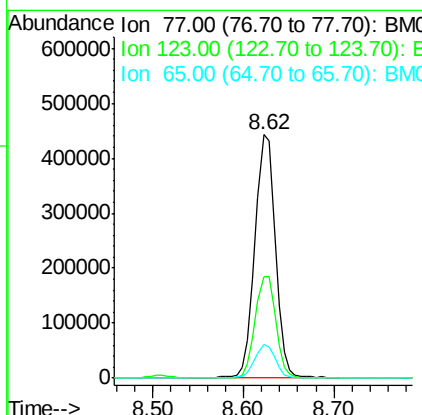
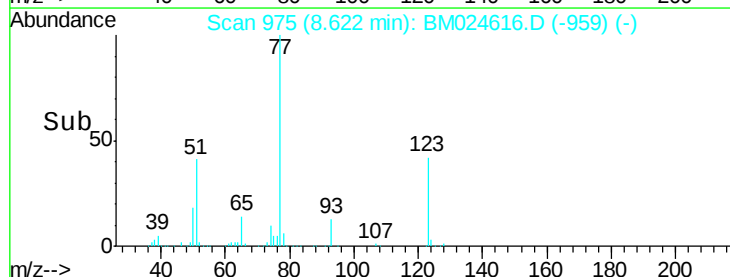
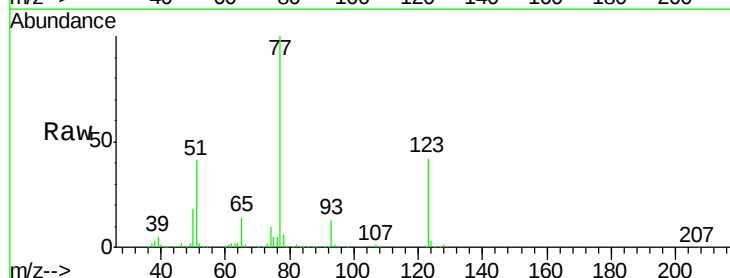
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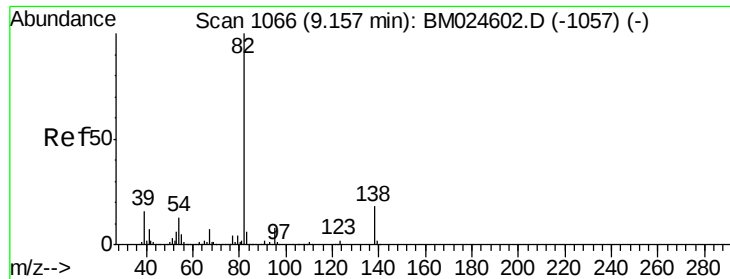
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#24
Nitrobenzene
Concen: 37.269 ng
RT: 8.62 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	34.6	52.0
65	13.7	11.0	16.4





#25

Isophorone

Concen: 37.597 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1247202

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

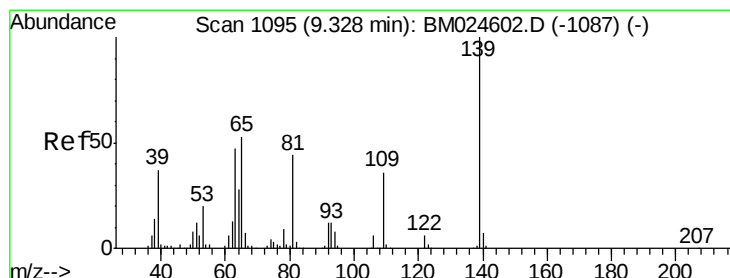
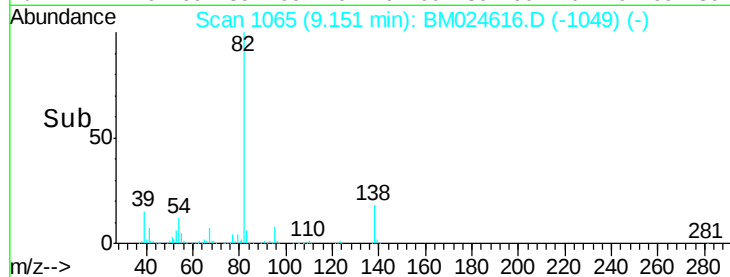
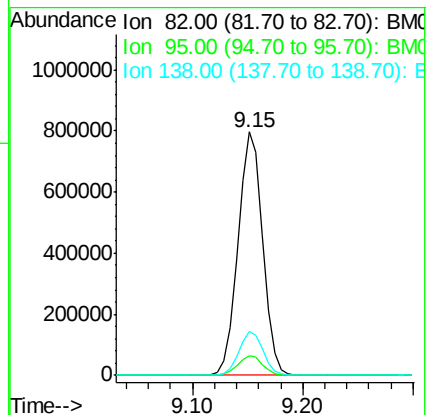
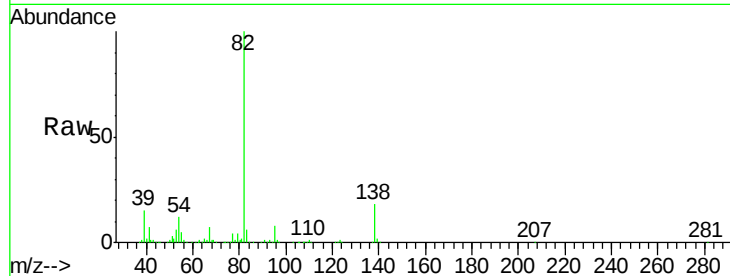
138 18.0 14.7 22.1

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#26

2-Nitrophenol

Concen: 36.885 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

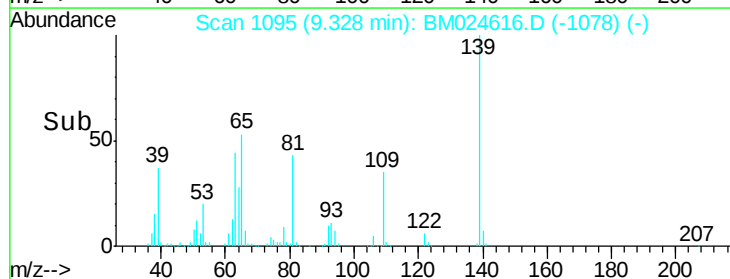
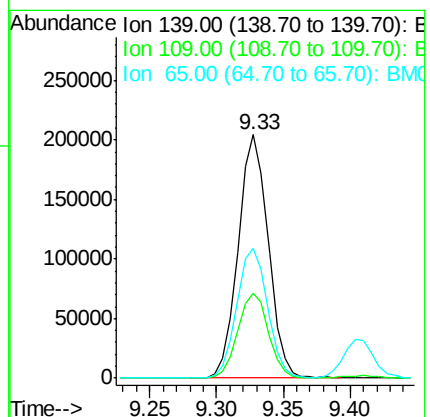
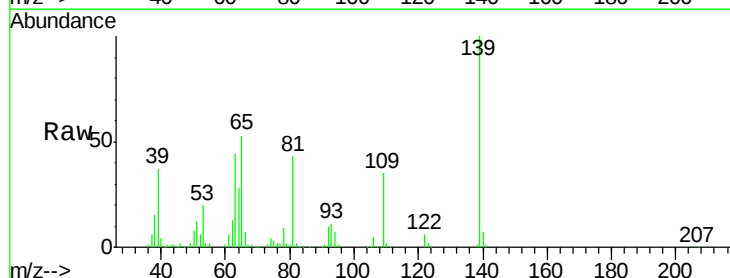
Tgt Ion: 139 Resp: 319544

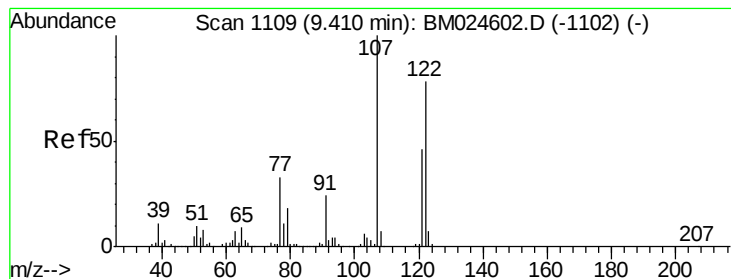
Ion Ratio Lower Upper

139 100

109 35.0 28.8 43.2

65 53.4 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 36.743 ng

RT: 9.40 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

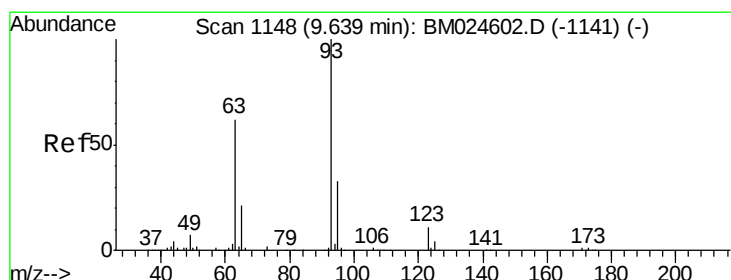
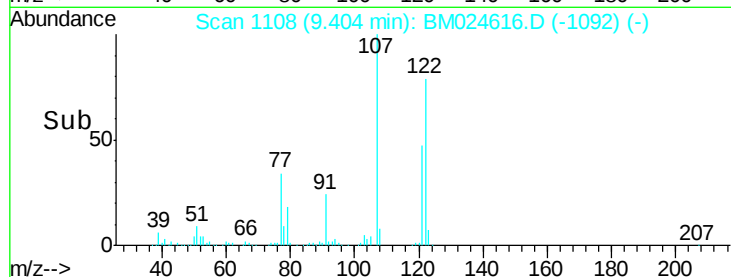
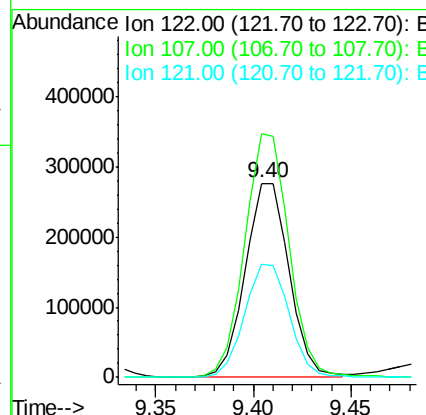
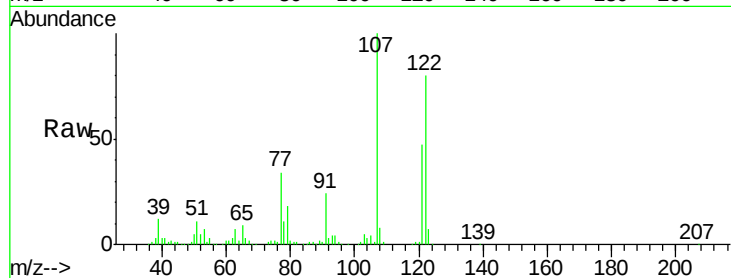
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	102.5	153.7
121	58.4	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 37.889 ng

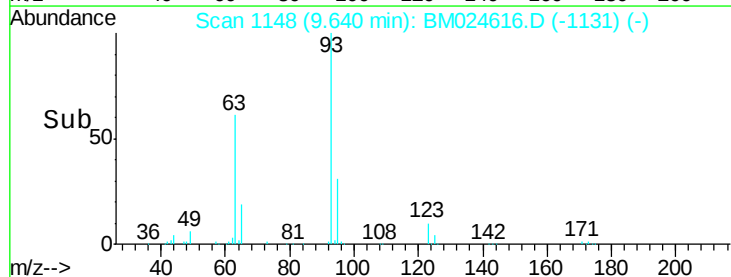
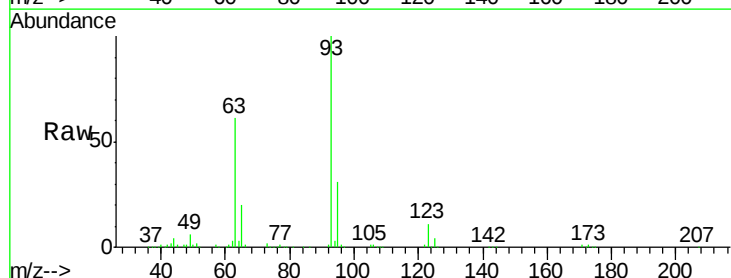
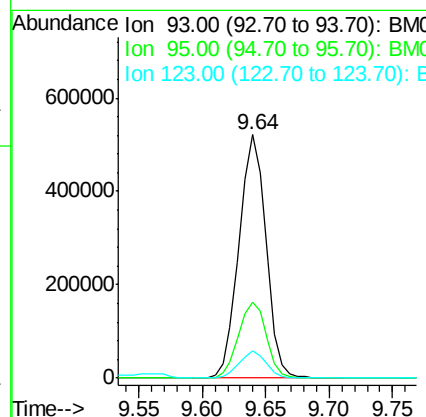
RT: 9.64 min Scan# 1148

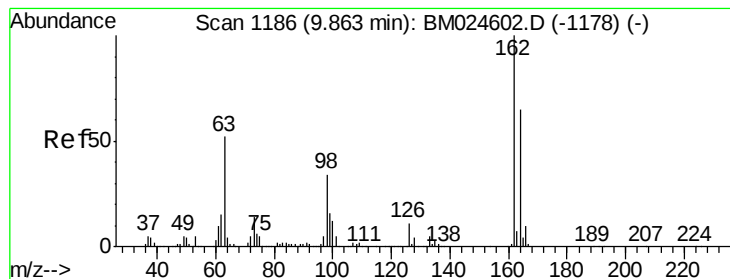
Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.1	39.1
123	11.3	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 36.815 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

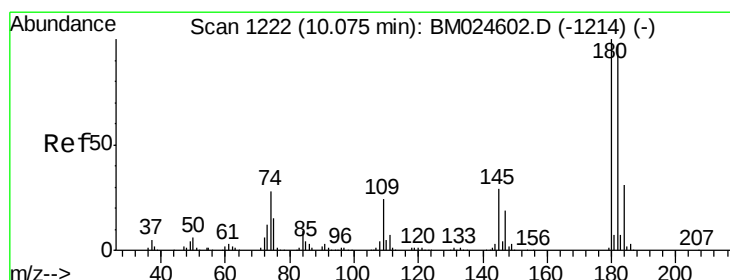
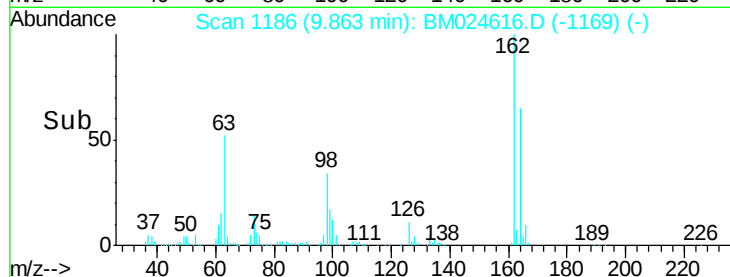
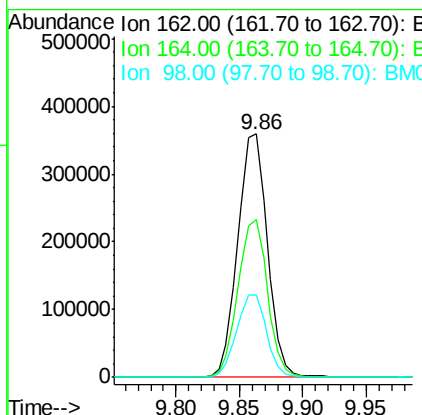
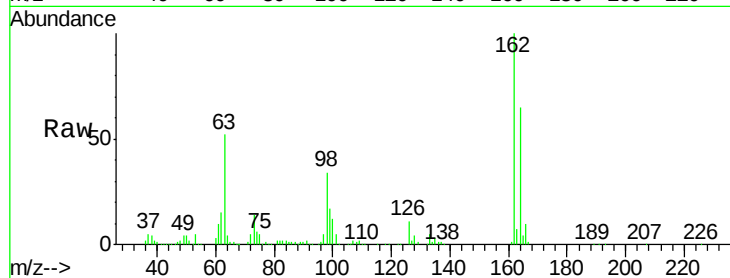
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		585550		
164	64.7	44.5	84.5		
98	34.0	14.2	54.2		

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#30

1,2,4-Trichlorobenzene

Concen: 36.127 ng

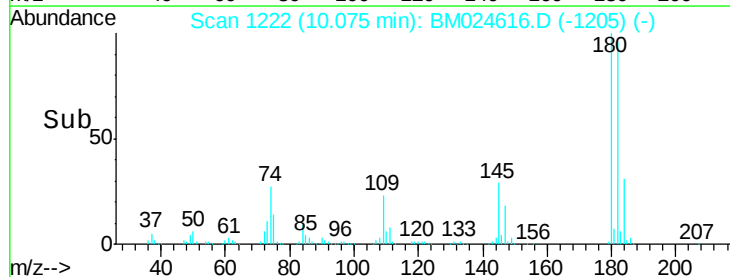
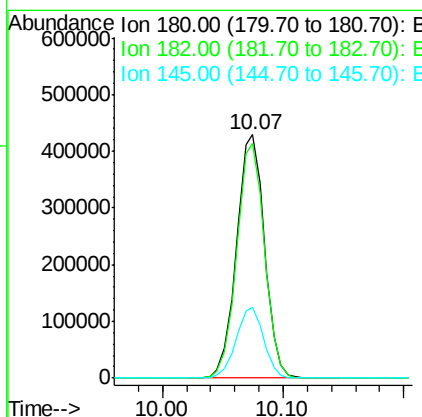
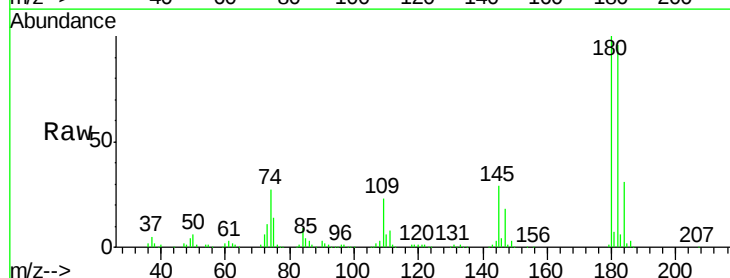
RT: 10.07 min Scan# 1222

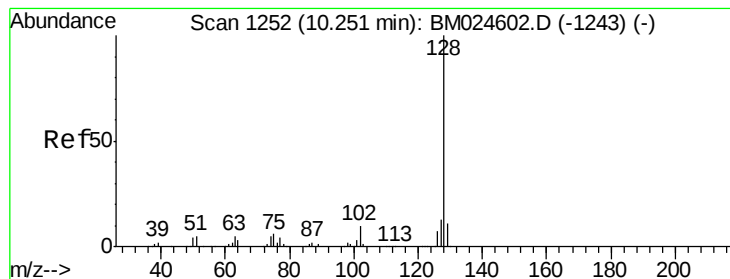
Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		692992		
182	96.5	77.8	116.6		
145	29.1	22.9	34.3		





#31

Naphthalene

Concen: 36.897 ng

RT: 10.25 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:128 Resp: 1784309

Ion Ratio Lower Upper

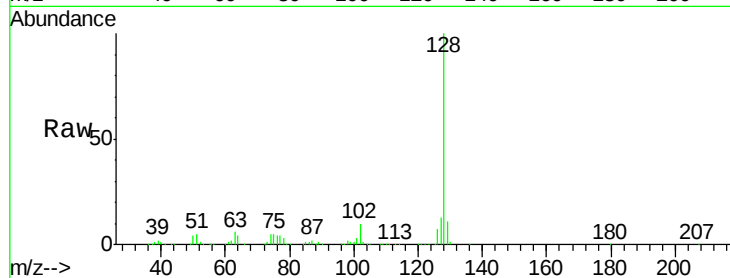
128 100

129 10.8 8.8 13.2

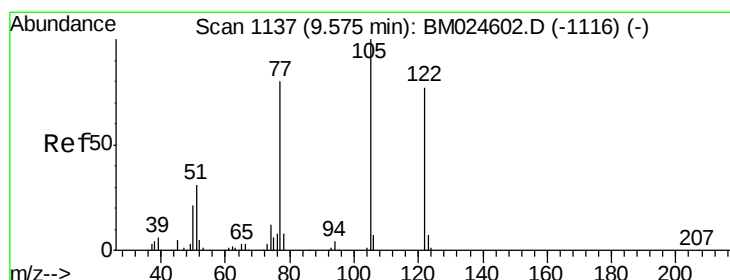
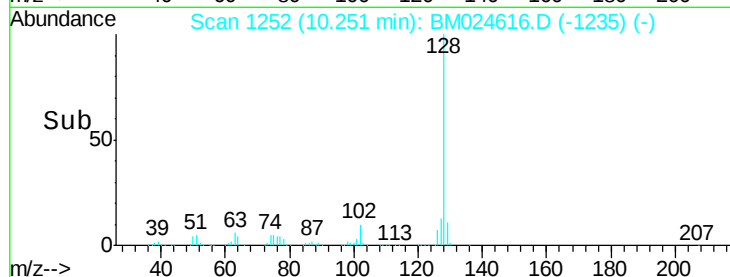
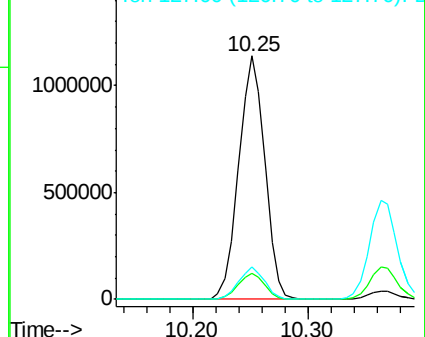
127 13.1 10.6 15.8

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



#32

Benzoic acid

Concen: 38.344 ng m

RT: 9.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

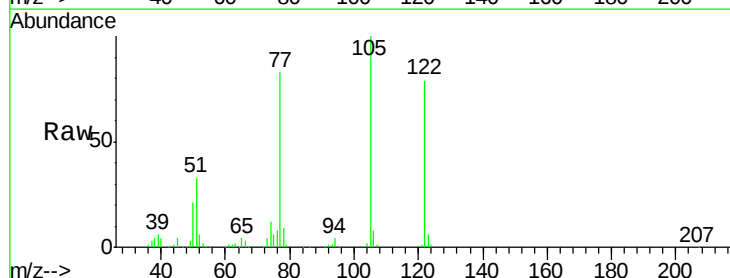
Tgt Ion:122 Resp: 412926

Ion Ratio Lower Upper

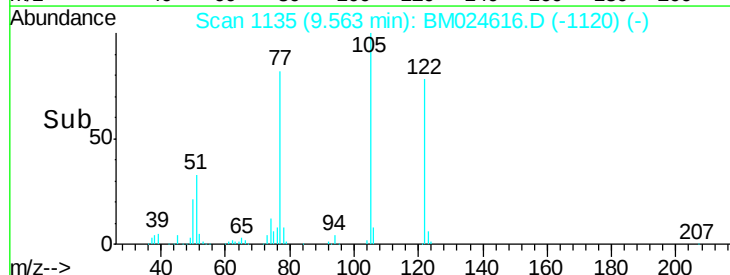
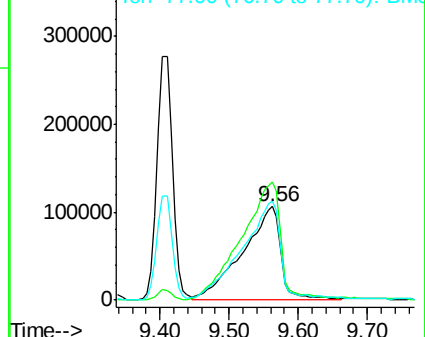
122 100

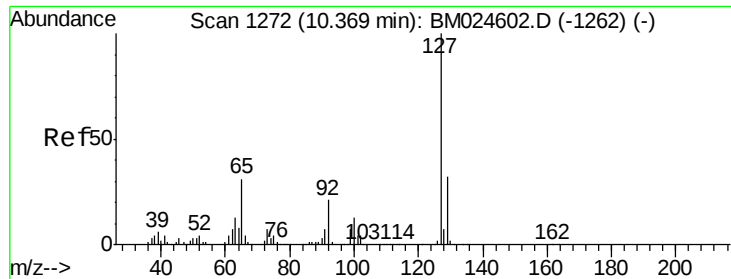
105 127.0 107.7 147.7

77 105.3 83.8 123.8



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





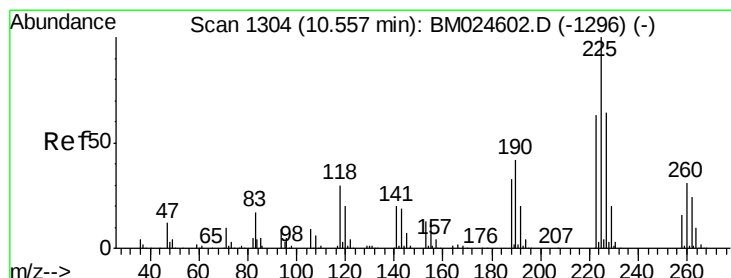
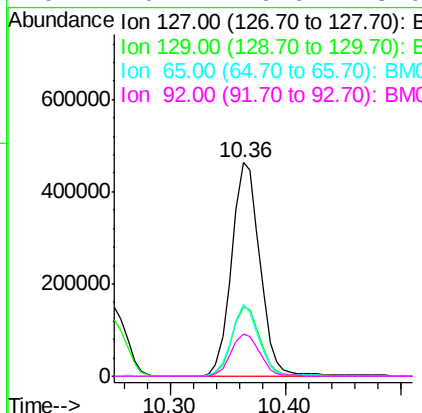
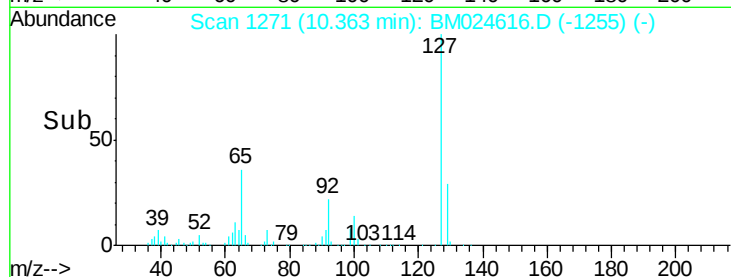
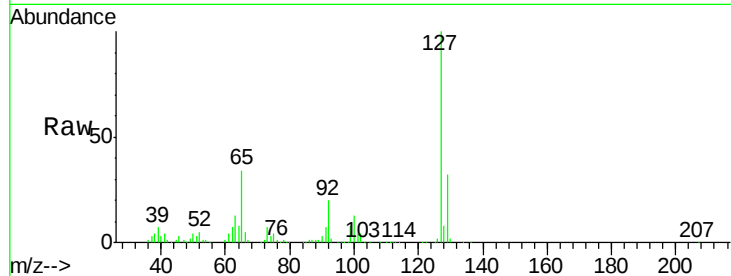
#33
4-Chloroaniline
Concen: 37.379 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	33.6	25.1	37.7		
92	20.1	16.6	25.0		

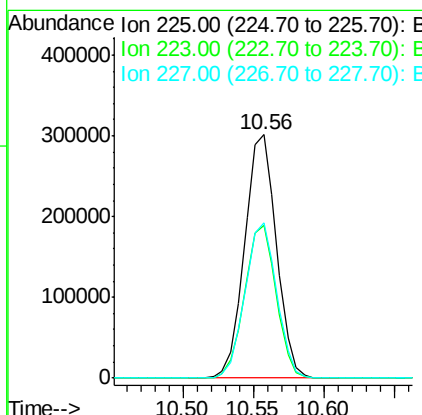
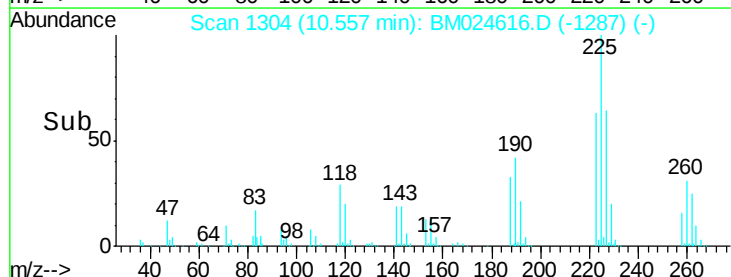
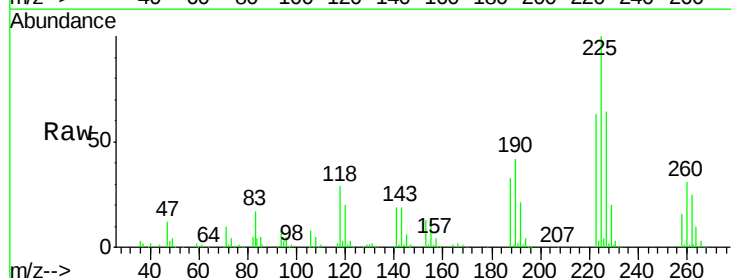
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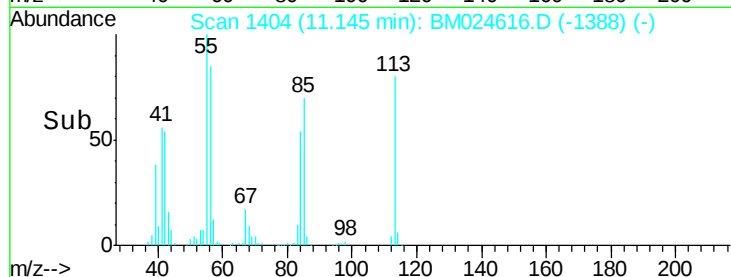
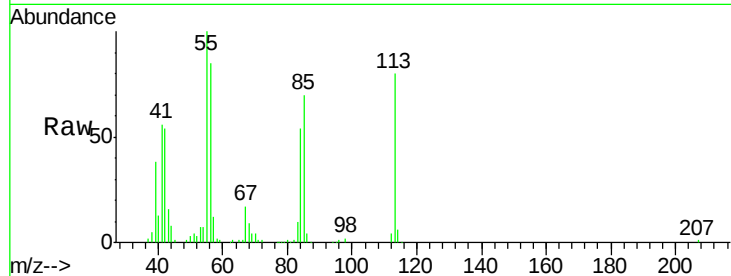
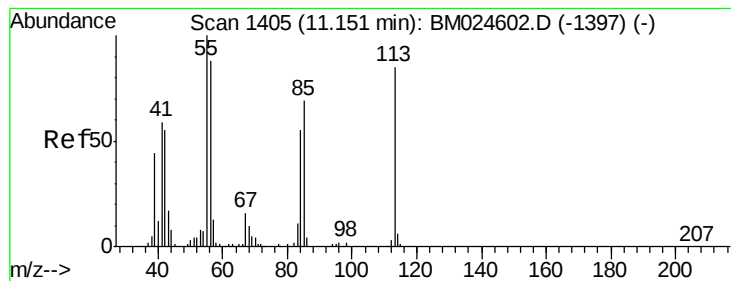
mohammad
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#34
Hexachlorobutadiene
Concen: 35.788 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.7	76.1		
227	63.7	51.4	77.0		





#35

Caprolactam

Concen: 38.589 ng/mL

RT: 11.15 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

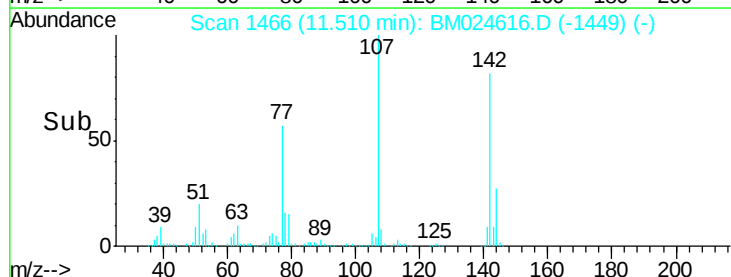
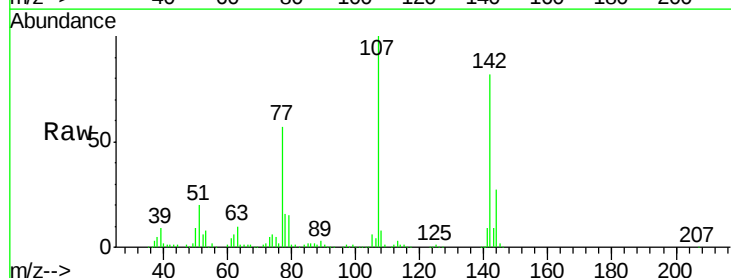
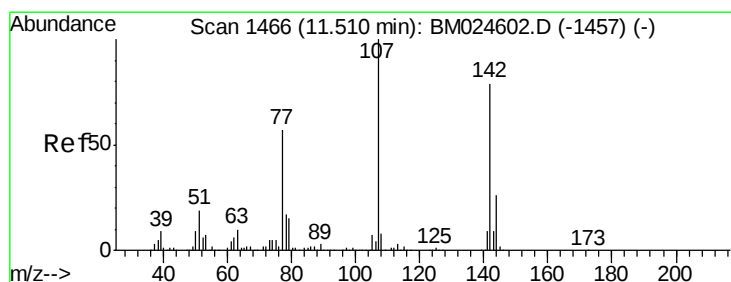
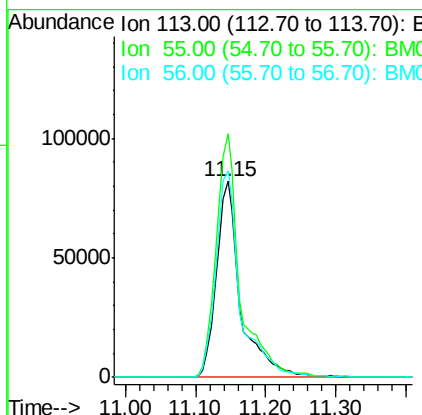
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	196913
Ion Ratio	Lower	Upper	
113	100		
55	124.3	97.5	137.5
56	105.2	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 37.327 ng/mL

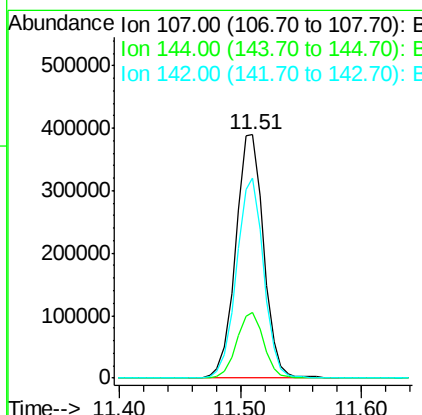
RT: 11.51 min Scan# 1466

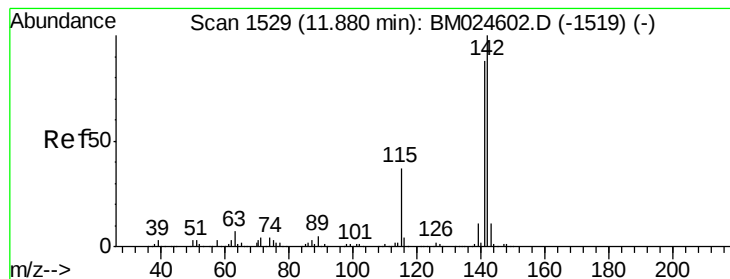
Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion:	107	Resp:	631288
Ion Ratio	Lower	Upper	
107	100		
144	27.0	20.5	30.7
142	82.0	62.8	94.2





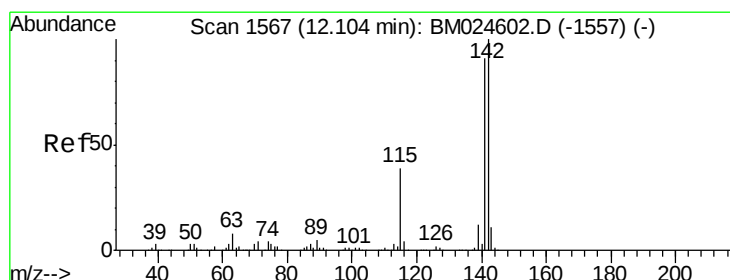
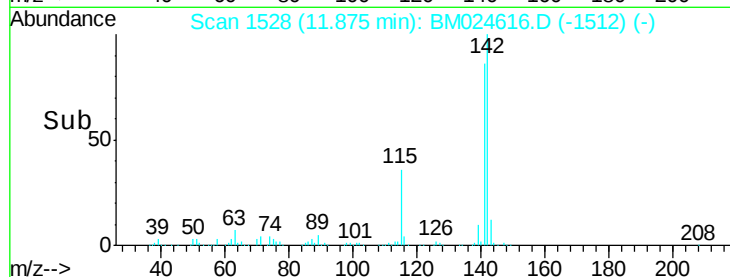
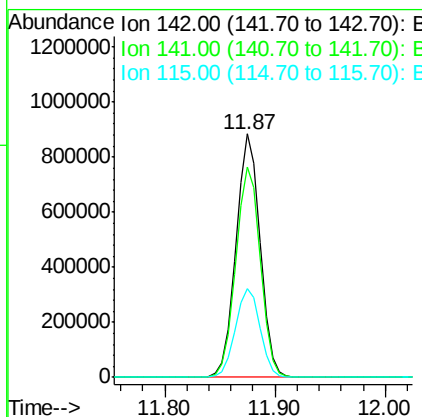
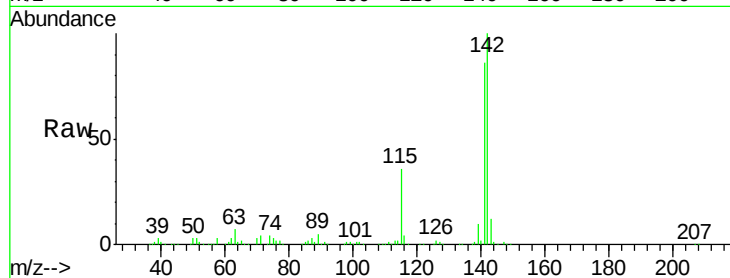
#37
2-Methylnaphthalene
Concen: 36.447 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.2	105.2
115	36.5	29.7	44.5

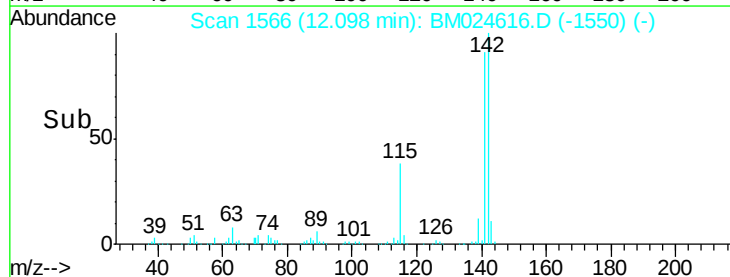
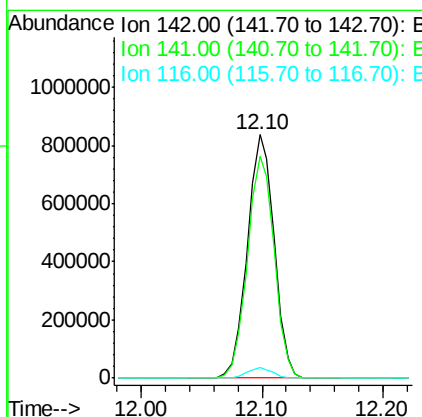
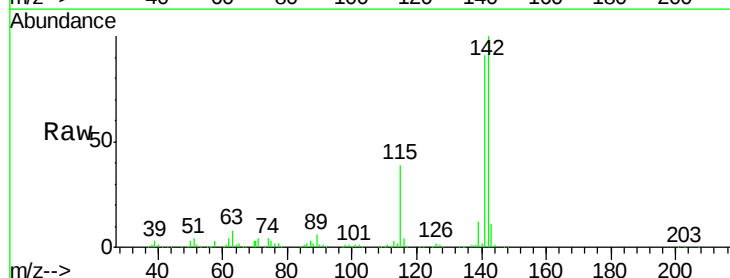
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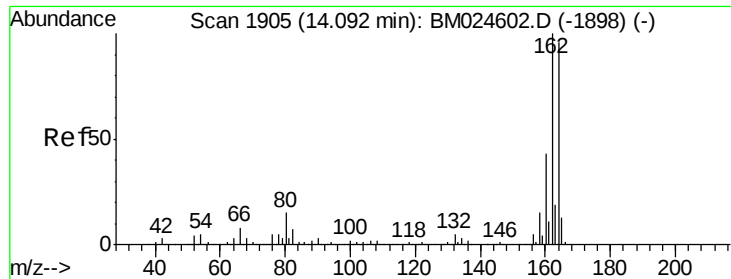
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#38
1-Methylnaphthalene
Concen: 36.500 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.8	109.2
116	4.2	3.2	4.8





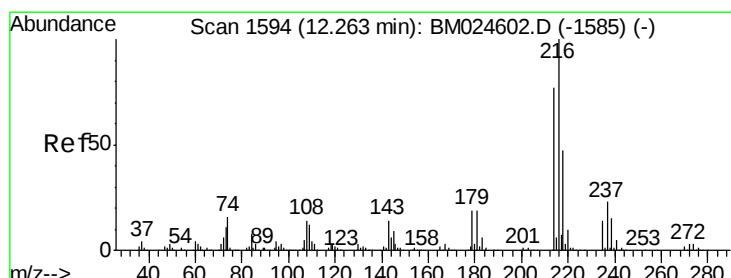
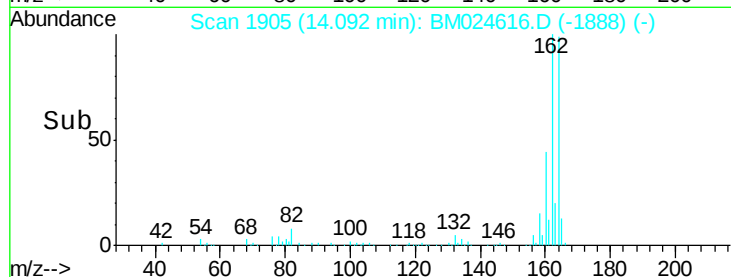
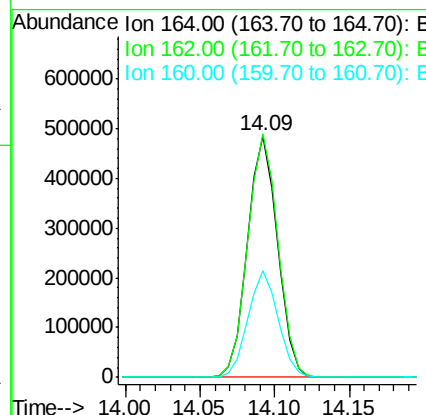
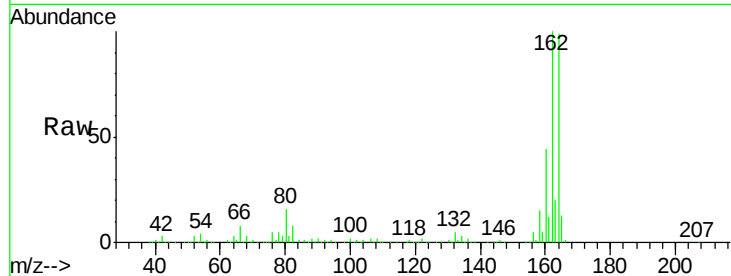
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.9	124.3	
160	44.2	35.5	53.3	

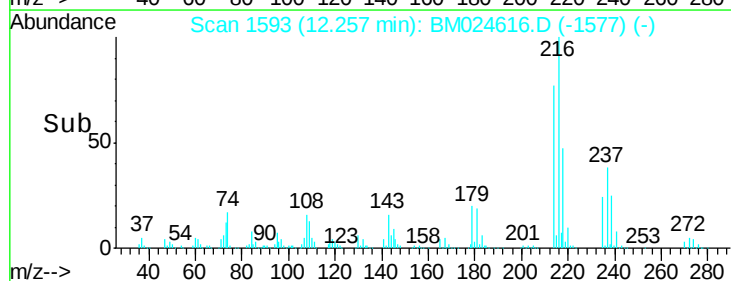
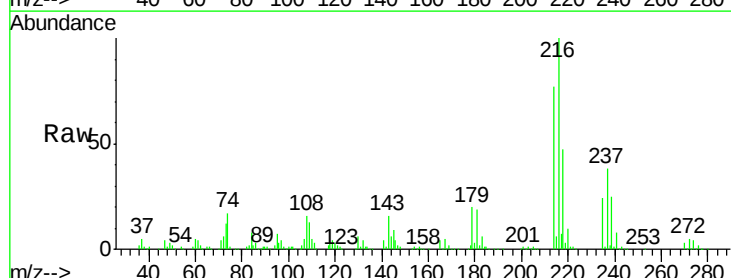
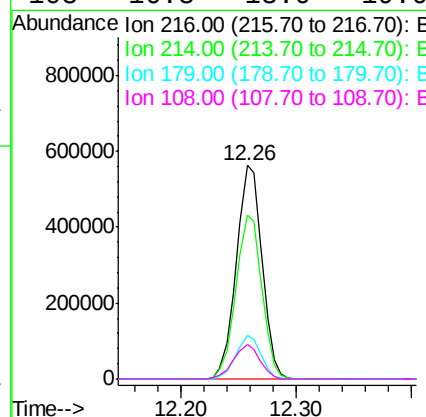
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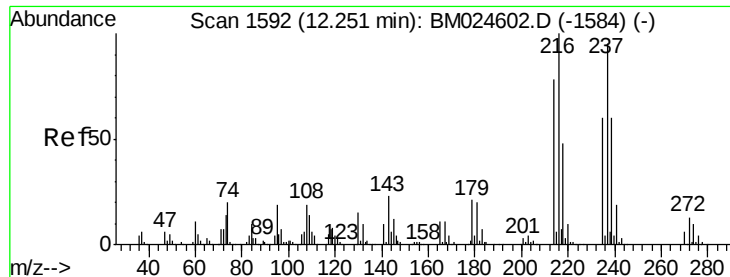
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.220 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.1	62.3	93.5	
179	19.9	16.1	24.1	
108	16.3	13.0	19.6	





#41

Hexachlorocyclopentadiene

Concen: 36.729 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

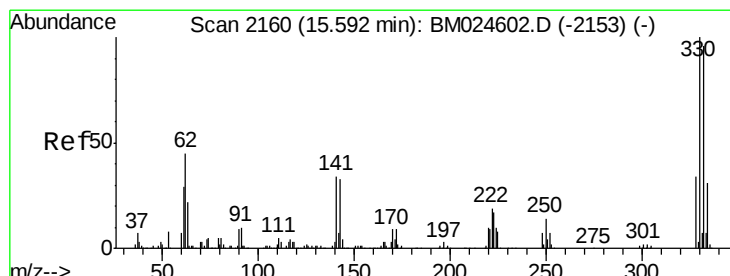
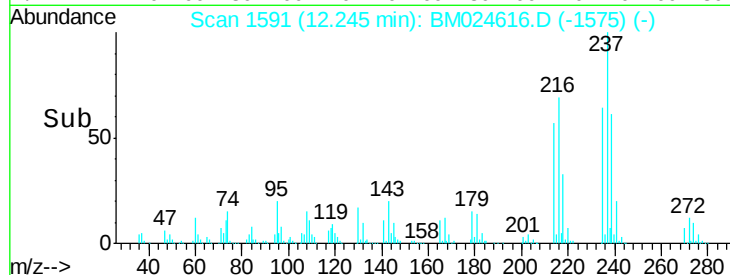
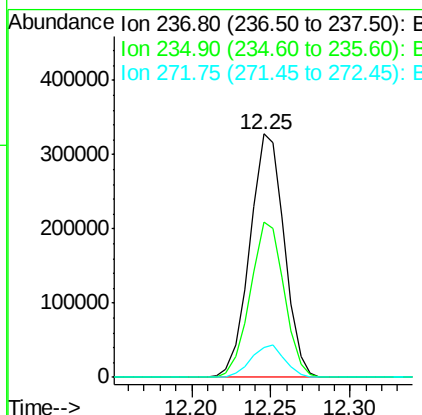
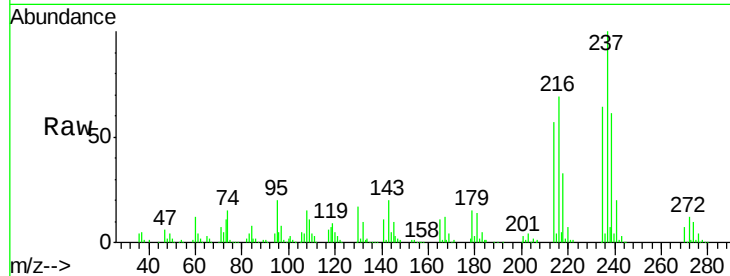
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	494488
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.3	83.3
272	12.0	0.0	33.4

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#42

2,4,6-Tribromophenol

Concen: 71.697 ng

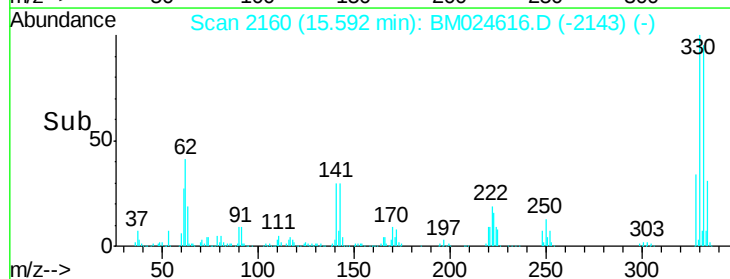
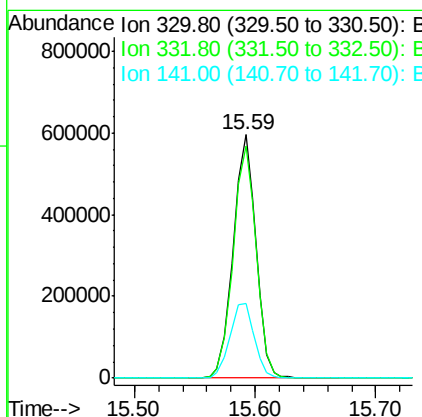
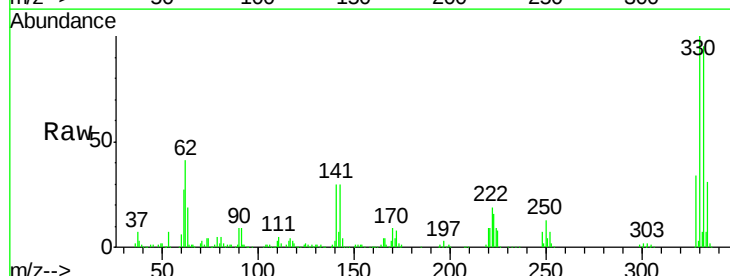
RT: 15.59 min Scan# 2160

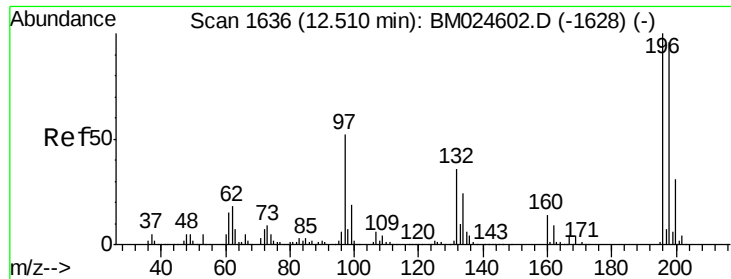
Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion:	330	Resp:	784888
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.2	115.8
141	33.0	26.9	40.3





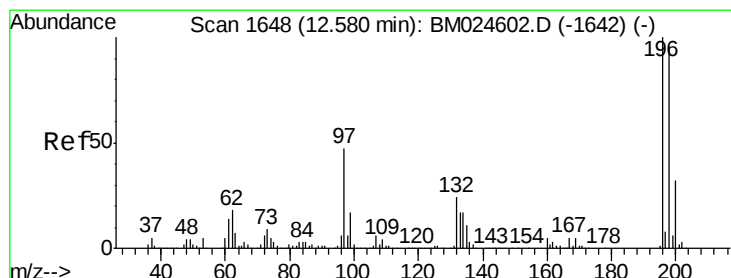
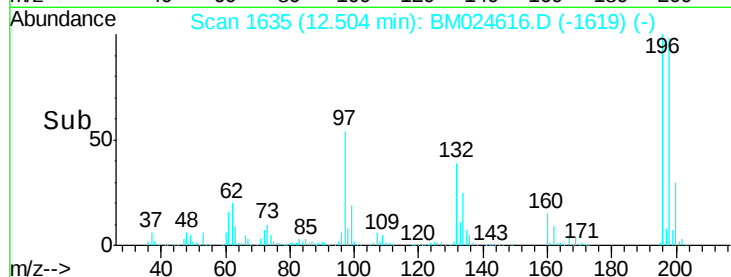
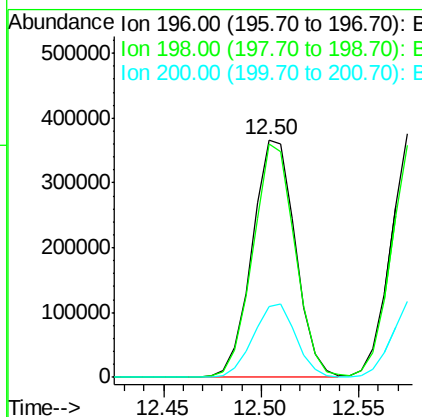
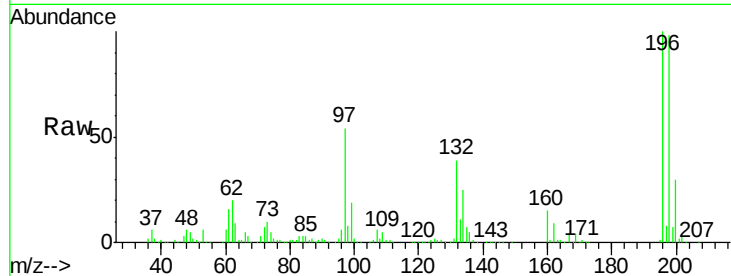
#43
 2,4,6-Trichlorophenol
 Concen: 36.572 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	558996		
198	98.2	76.5	114.7	
200	29.7	25.0	37.6	

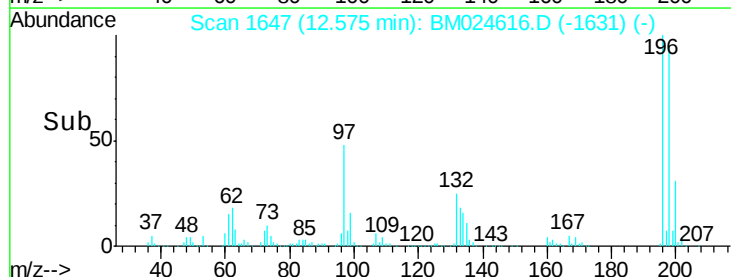
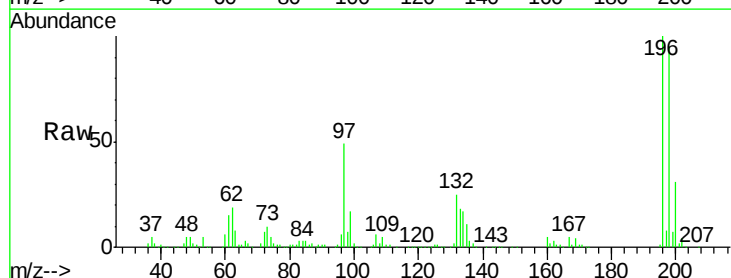
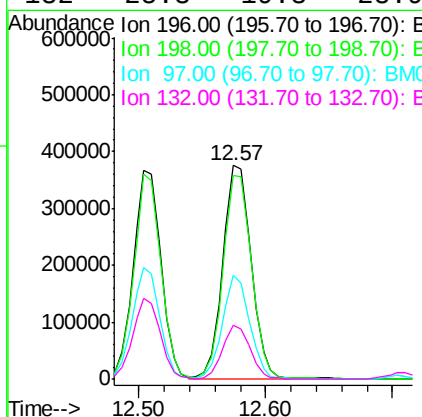
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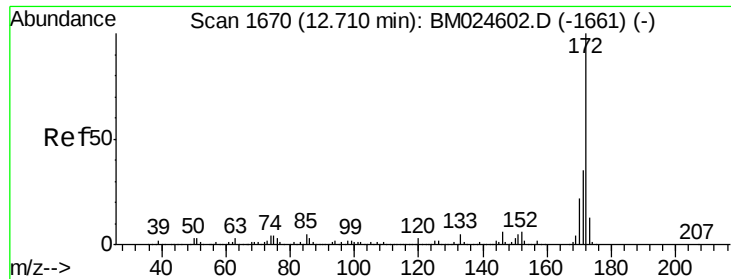
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.981 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	577275		
198	95.2	77.2	115.8	
97	48.8	37.4	56.0	
132	25.3	19.3	28.9	





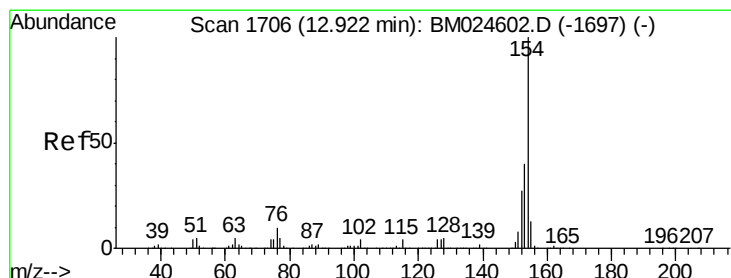
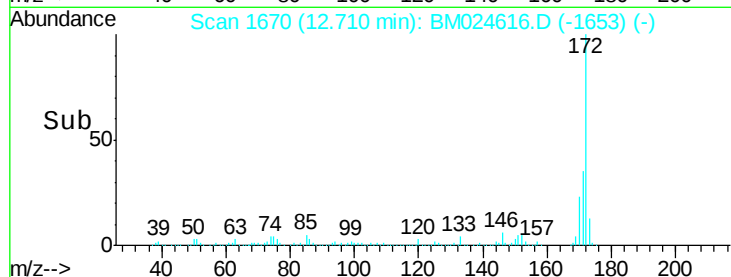
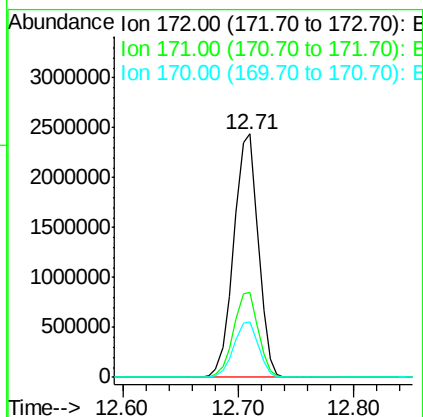
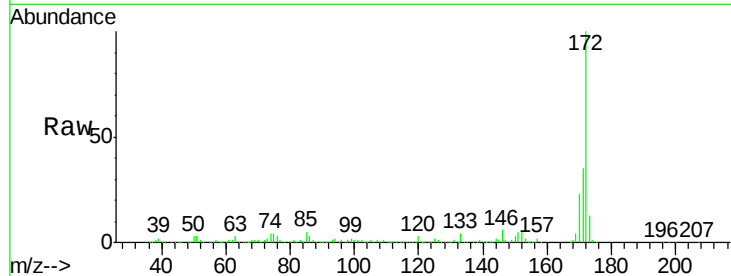
#45
2-Fluorobiphenyl
Concen: 72.457 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.9	17.9	26.9

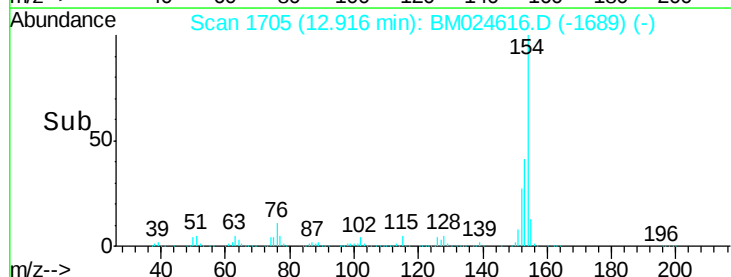
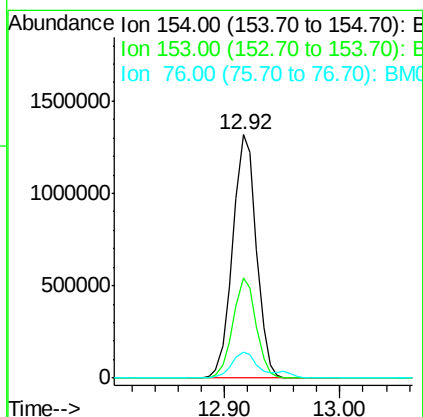
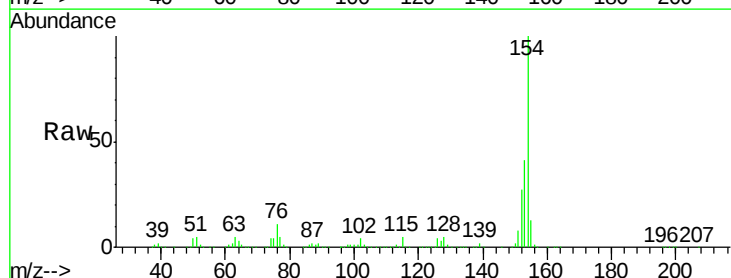
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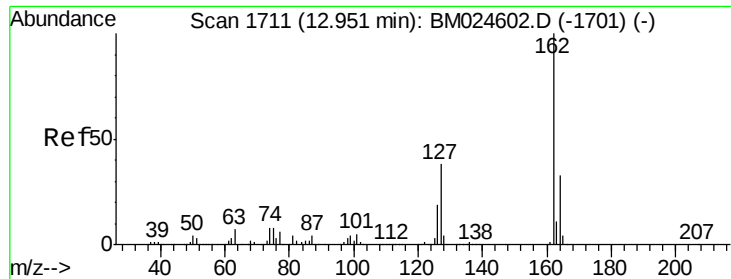
mohammad
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#46
1,1'-Biphenyl
Concen: 36.681 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.3	60.3
76	10.9	0.0	30.5





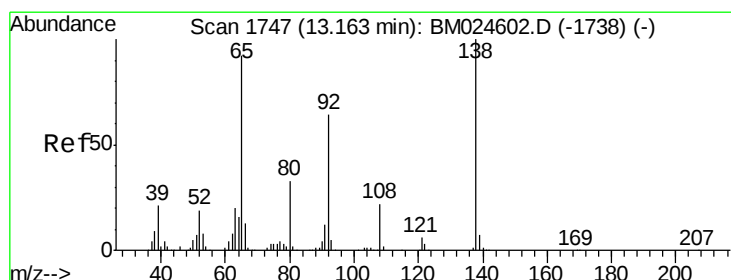
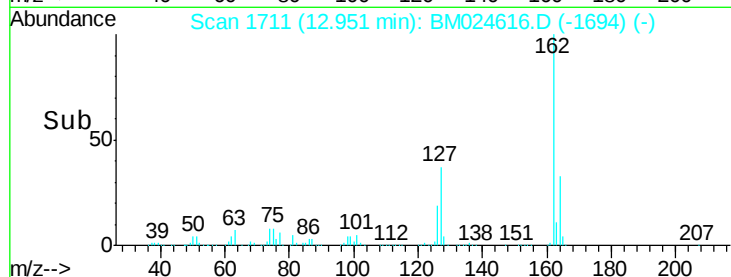
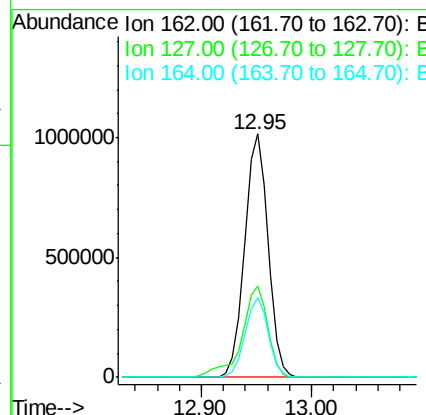
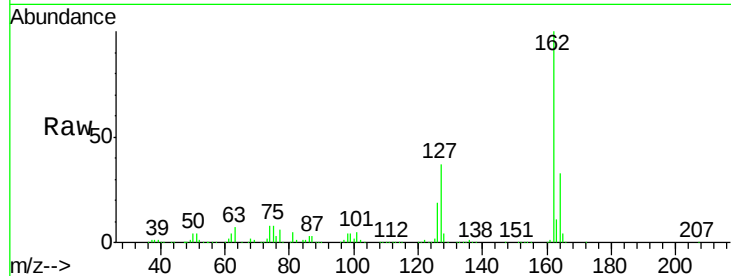
#47
 2-Chloronaphthalene
 Concen: 36.838 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.4	45.6
164	32.9	26.5	39.7

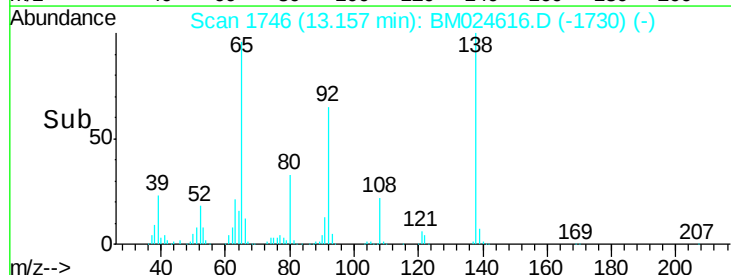
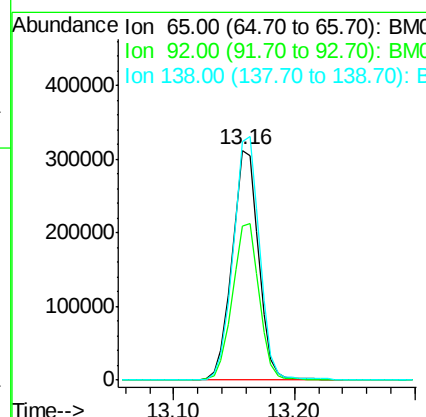
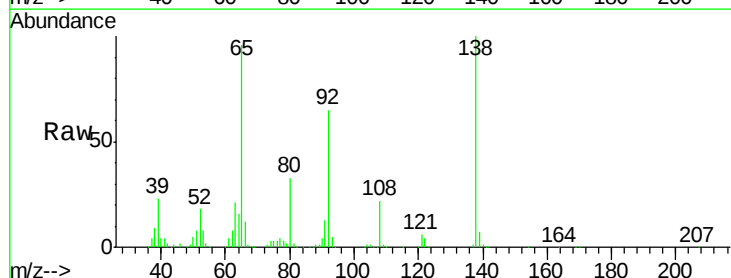
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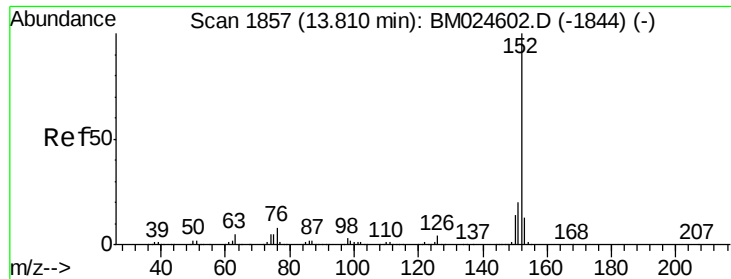
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#48
 2-Nitroaniline
 Concen: 38.088 ng
 RT: 13.16 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	55.4	83.2
138	103.8	86.6	129.8





#49

Acenaphthylene

Concen: 36.649 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2255810

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	12.9	10.4	15.6

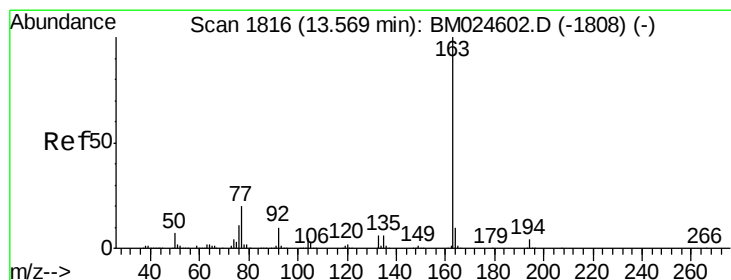
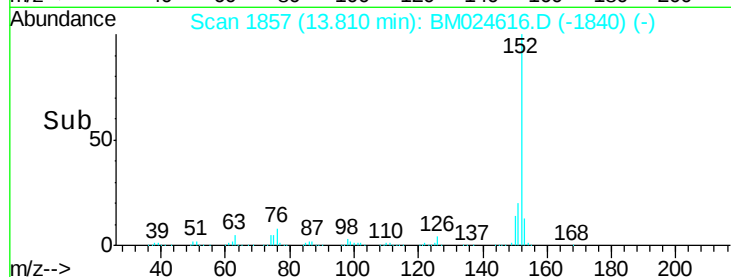
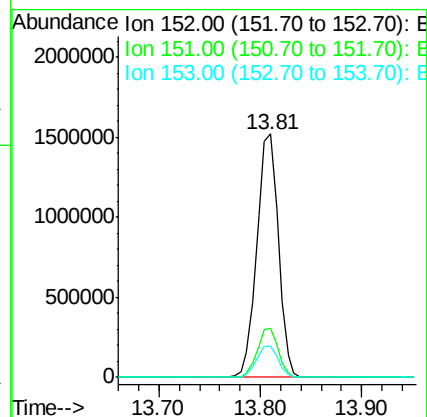
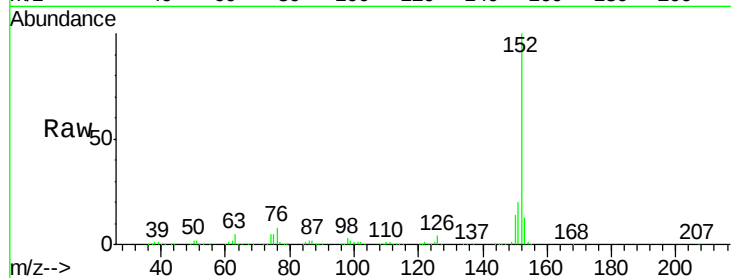
152 100

151 20.1 15.8 23.6

153 12.9 10.4 15.6

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#50

Dimethylphthalate

Concen: 36.919 ng

RT: 13.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

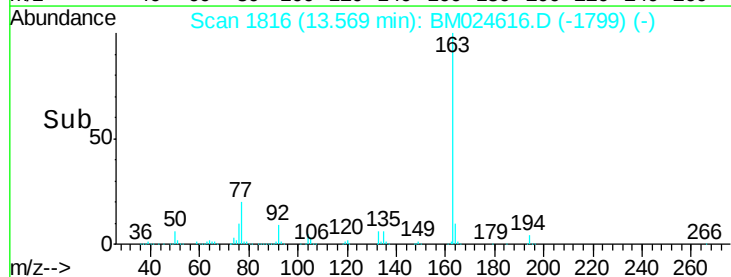
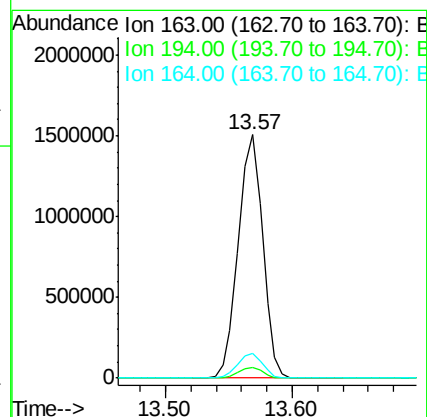
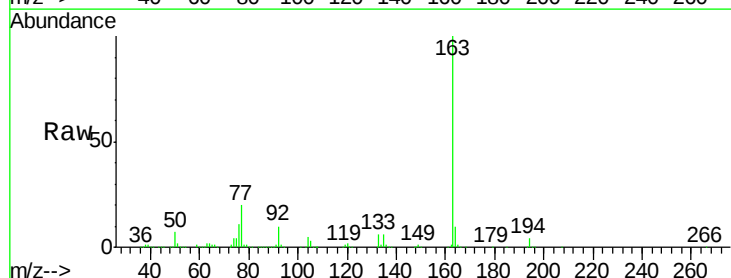
Tgt Ion:163 Resp: 2009148

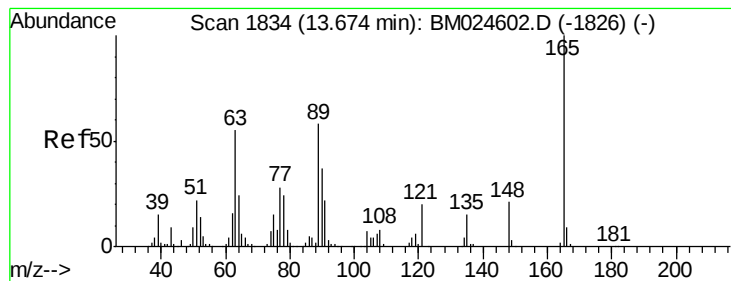
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.0	12.0

163 100

194 4.3 3.4 5.0

164 10.0 8.0 12.0





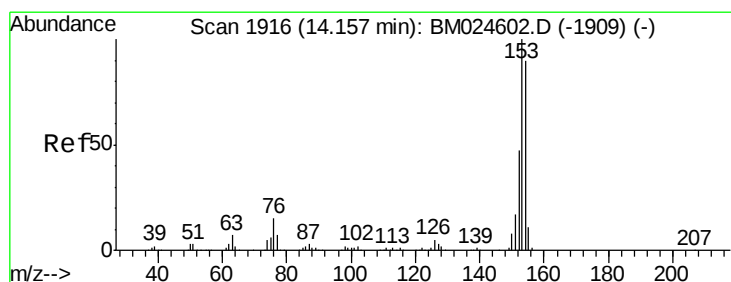
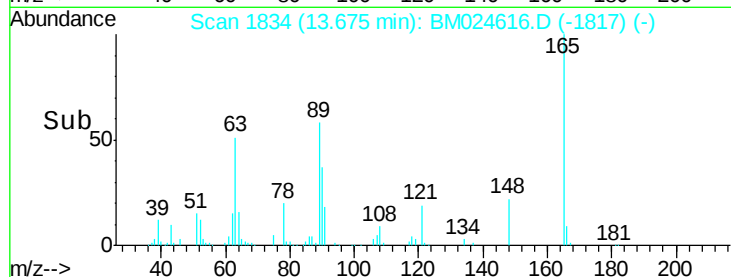
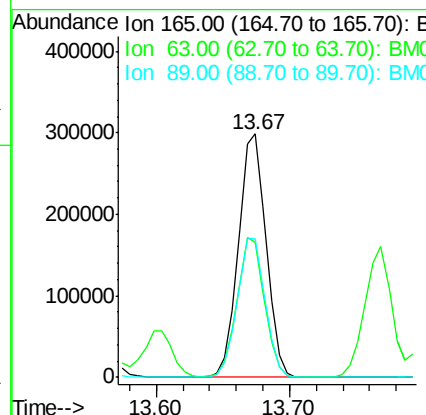
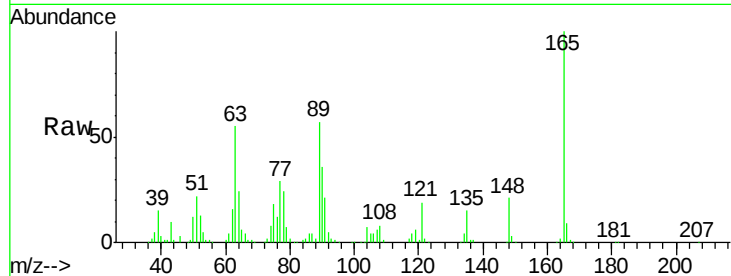
#51
 2,6-Dinitrotoluene
 Concen: 37.179 ng
 RT: 13.67 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	430165		
63	55.4		45.4	68.0
89	56.8		46.6	69.8

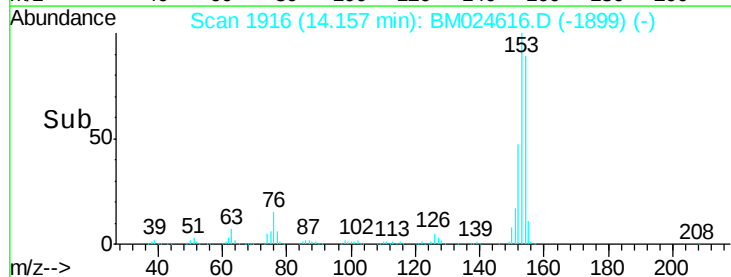
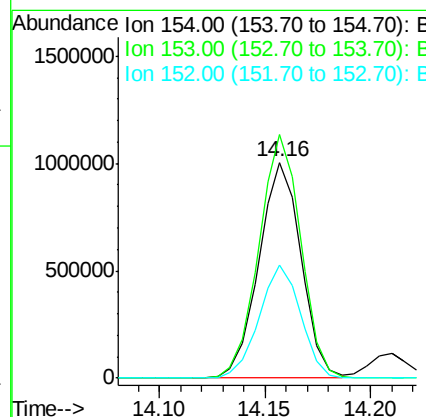
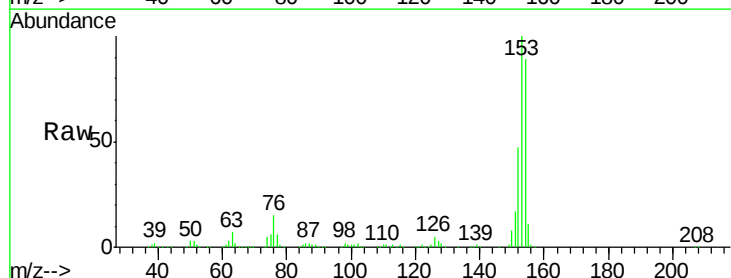
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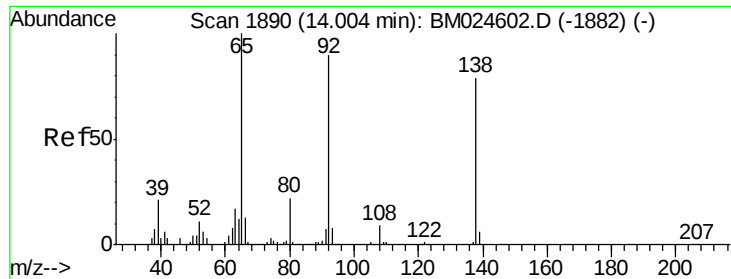
mohammad
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#52
 Acenaphthene
 Concen: 36.569 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1396721		
153	112.7		89.1	133.7
152	52.4		41.9	62.9





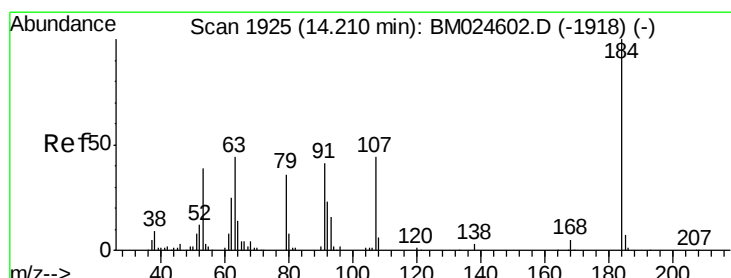
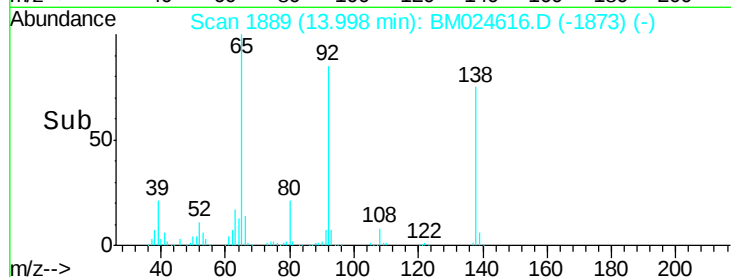
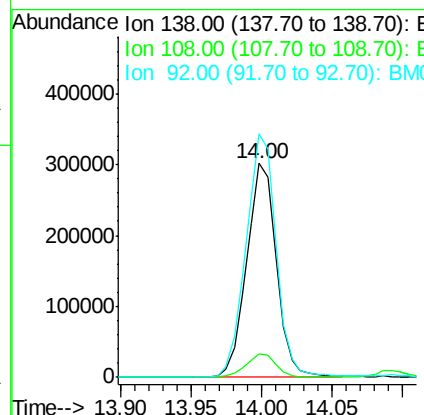
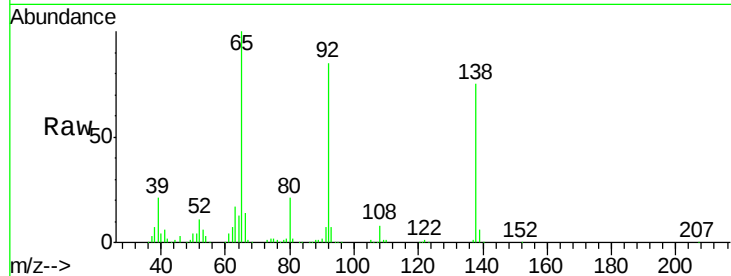
#53
3-Nitroaniline
Concen: 37.334 ng
RT: 14.00 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	113.8	91.0	136.4

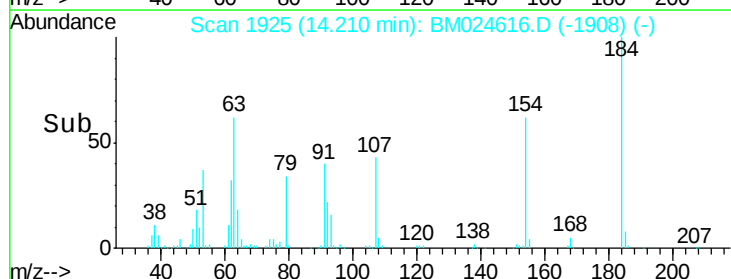
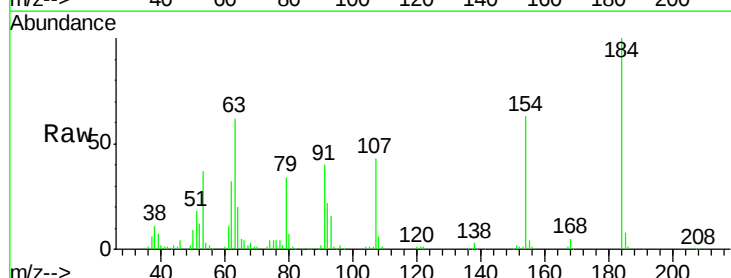
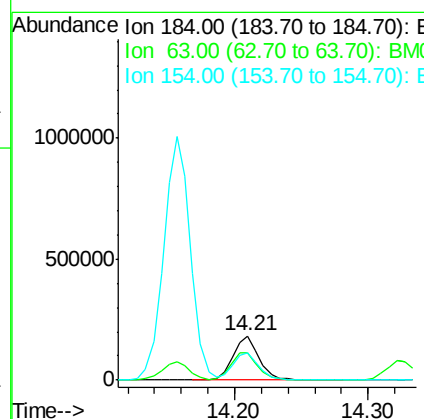
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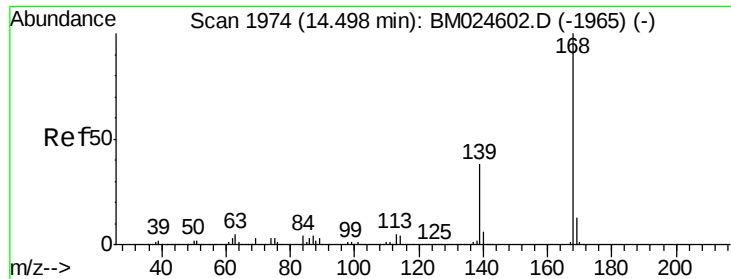
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#54
2,4-Dinitrophenol
Concen: 36.337 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	51.8	77.8
154	62.8	50.2	75.4





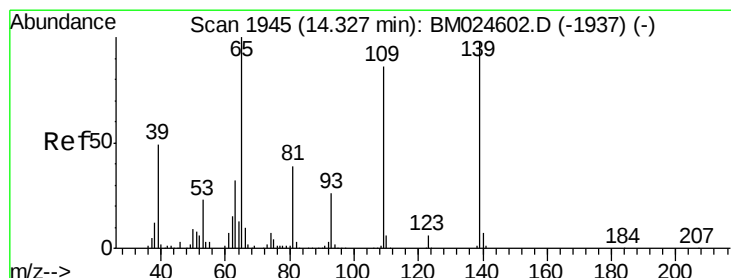
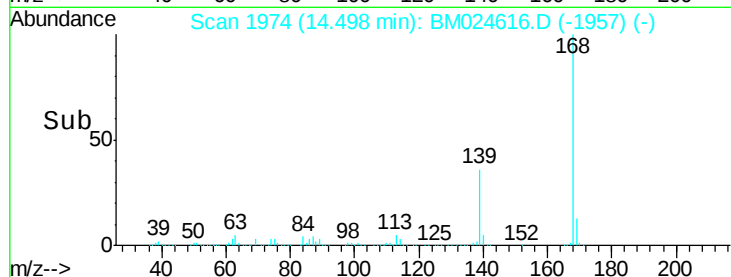
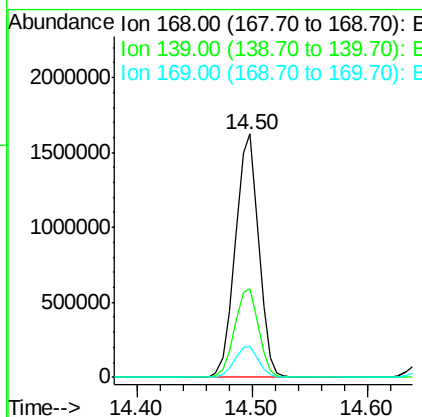
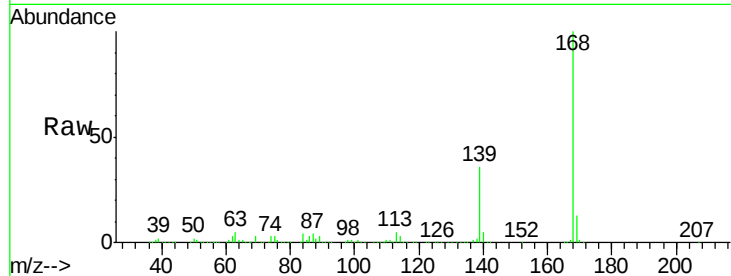
#55
Dibenzofuran
Concen: 36.471 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.2	45.4
169	12.8	10.7	16.1

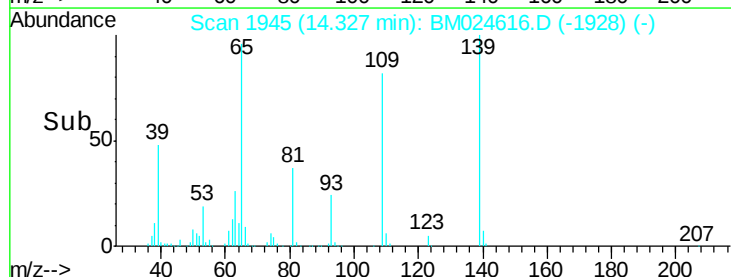
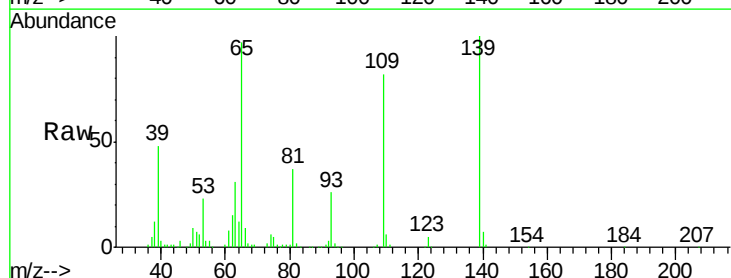
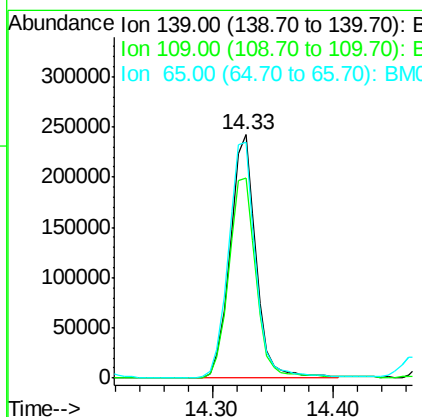
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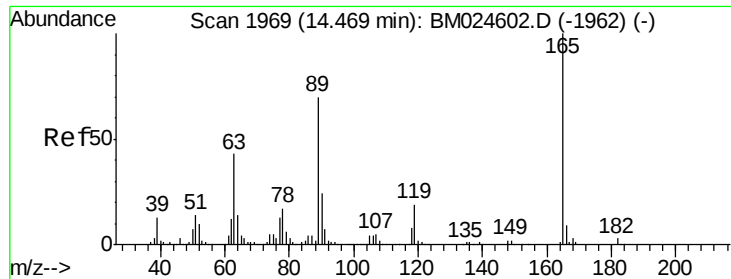
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#56
4-Nitrophenol
Concen: 38.367 ng
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.1	67.4	107.4
65	96.8	82.1	122.1





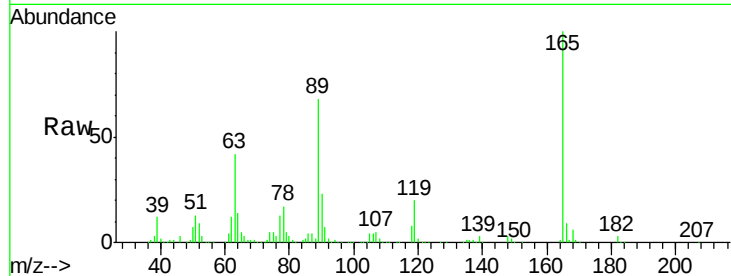
#57
2,4-Dinitrotoluene
Concen: 37.019 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	34.5	51.7
89	67.6	55.8	83.8
182	3.2	2.3	3.5

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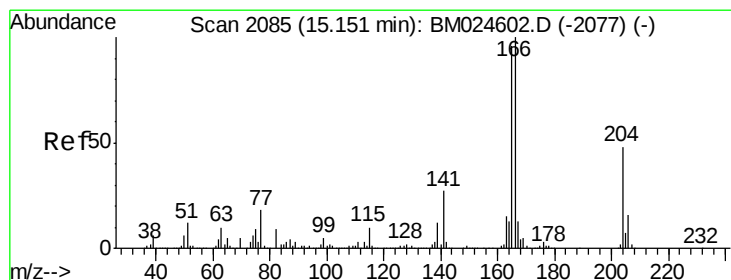
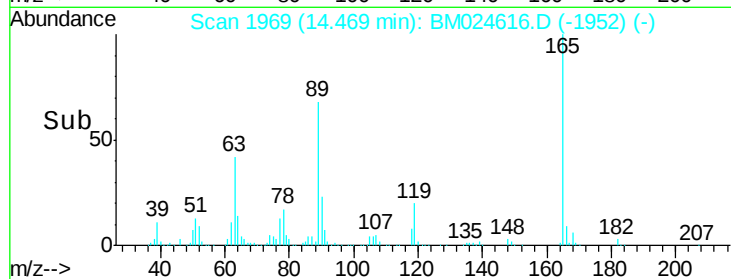
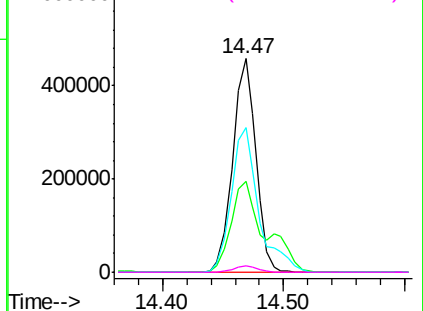


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

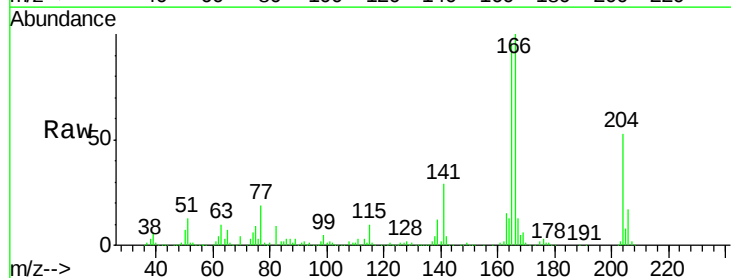
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.437 ng
RT: 15.15 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

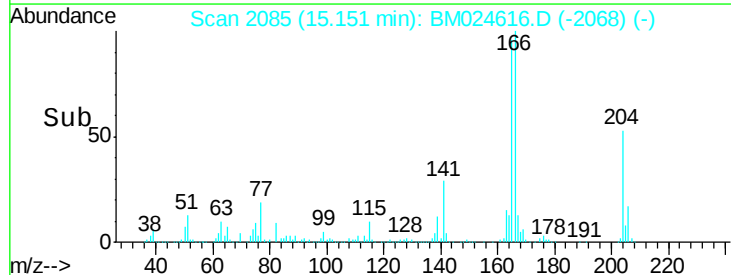
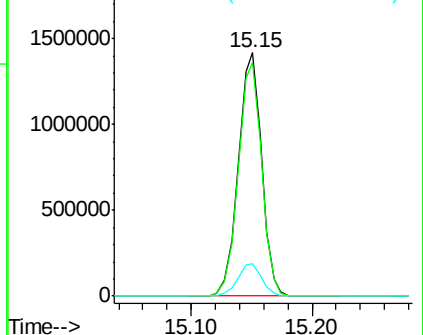
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	76.6	114.8
167	13.3	10.8	16.2

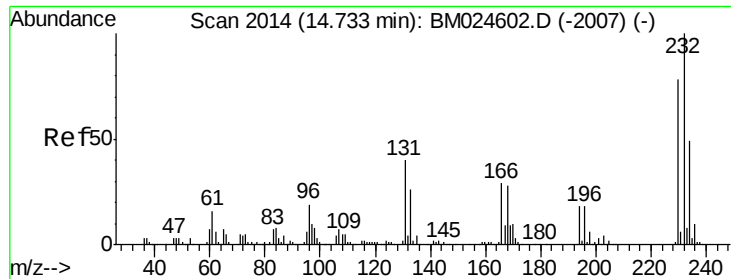


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





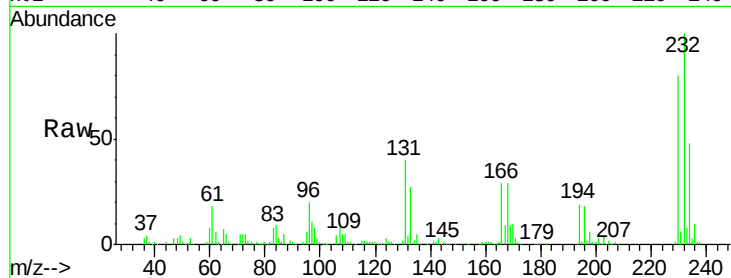
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.143 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

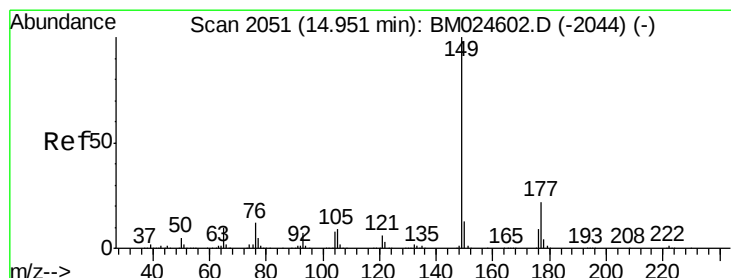
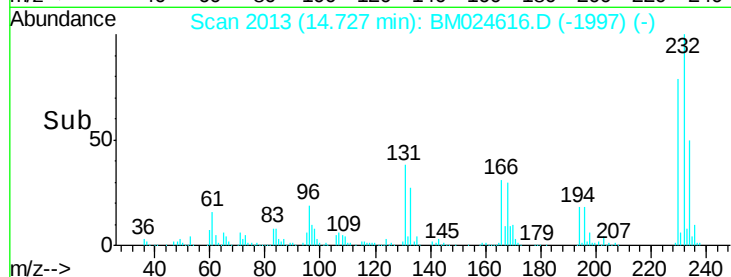
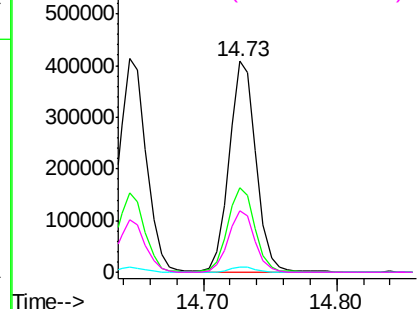
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.2	48.4
130	2.2	1.9	2.9
166	29.2	23.4	35.0

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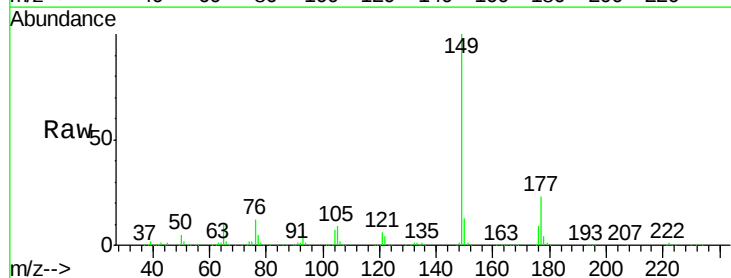


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

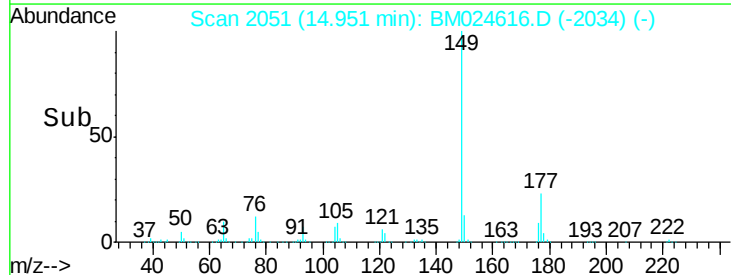
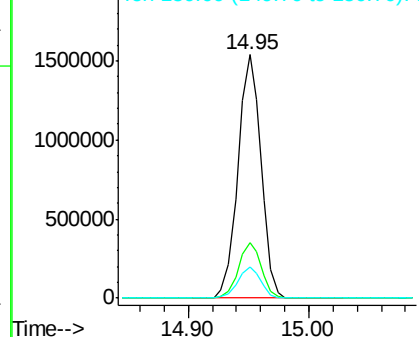


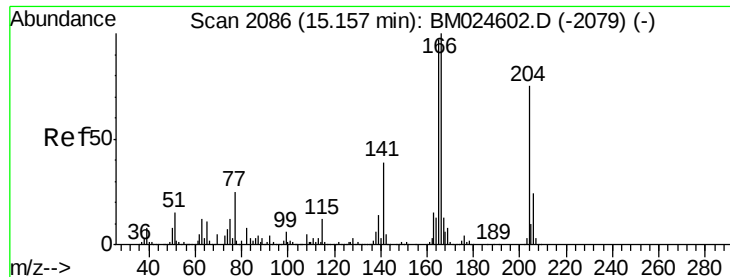
#60
Diethylphthalate
Concen: 36.972 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.0	27.0
150	12.8	10.2	15.4



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





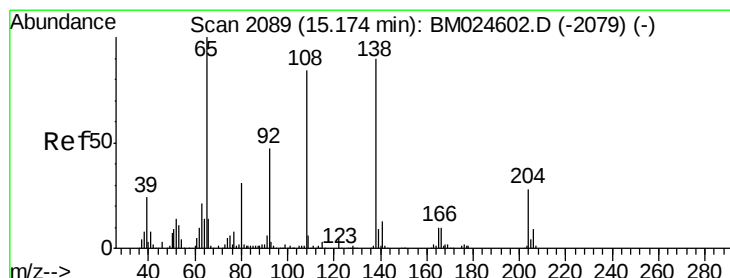
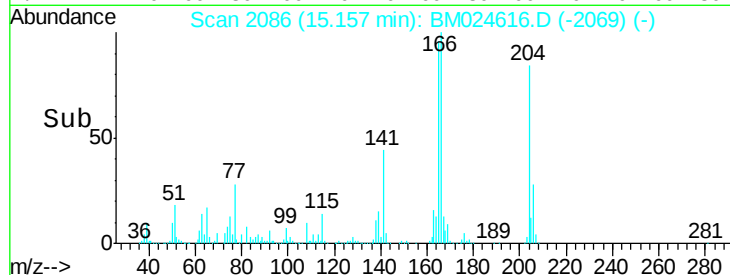
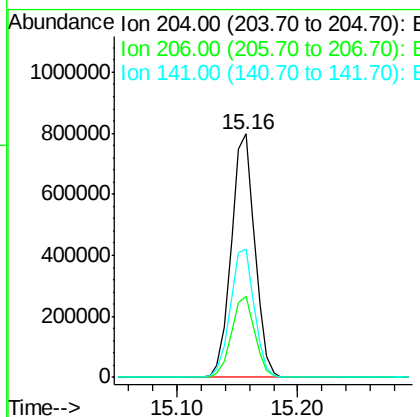
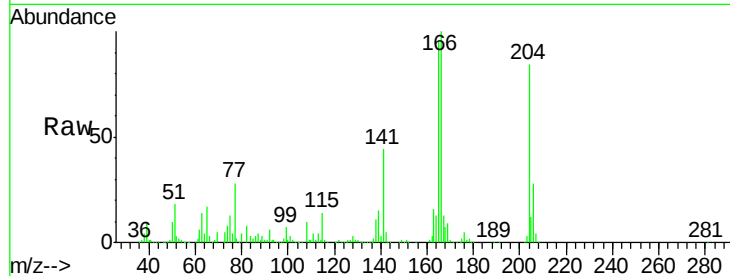
#61
4-Chlorophenyl-phenylether
Concen: 35.820 ng
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion:204 Resp: 1081054
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 52.5 42.2 63.2

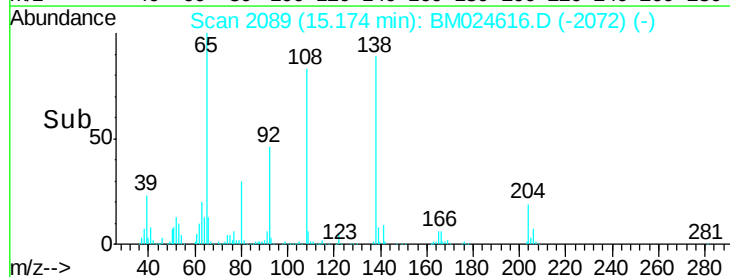
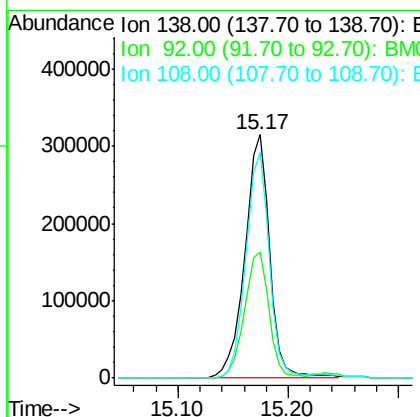
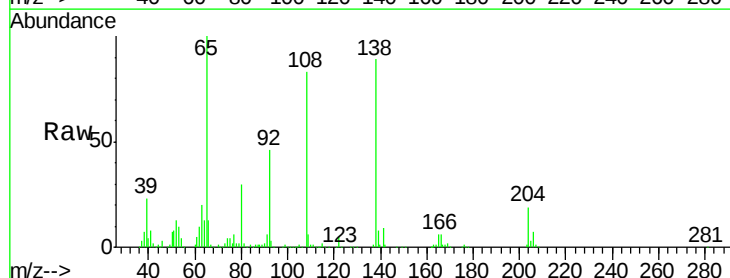
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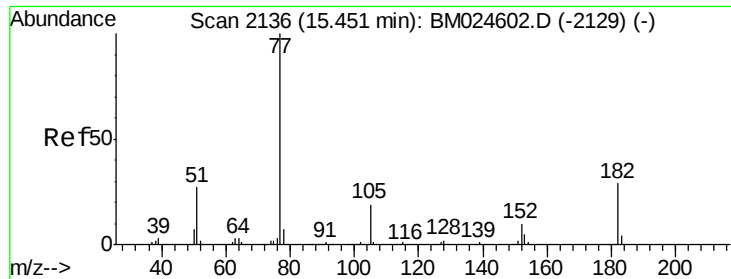
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#62
4-Nitroaniline
Concen: 37.640 ng
RT: 15.17 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion:138 Resp: 498580
Ion Ratio Lower Upper
138 100
92 51.7 32.4 72.4
108 92.9 73.3 113.3





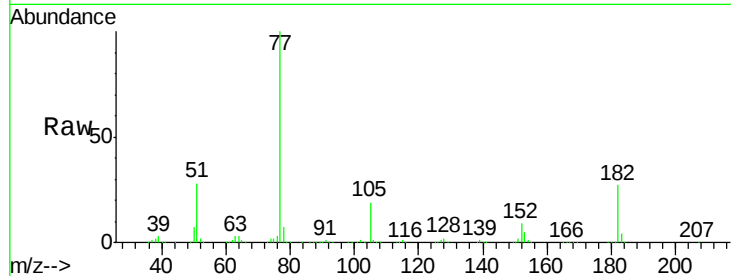
#63
Azobenzene
Concen: 37.095 ng
RT: 15.45 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.7	48.7
105	18.8	0.0	39.2
51	28.4	7.5	47.5

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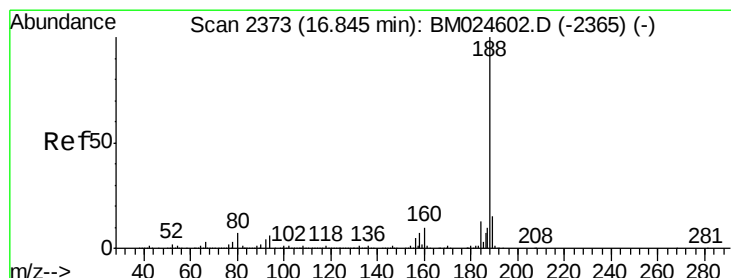
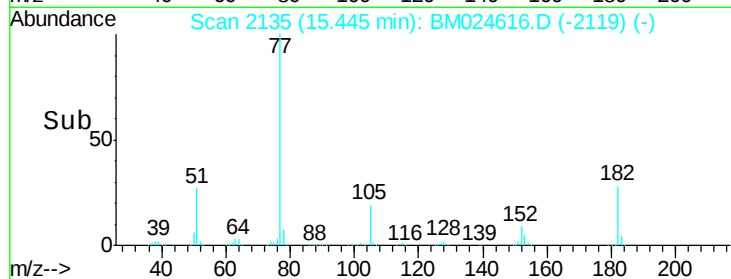
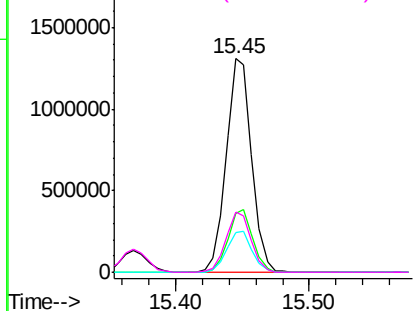
Abundance

Ion 77.00 (76.70 to 77.70): BM024616.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024616.D (-2119) (-)

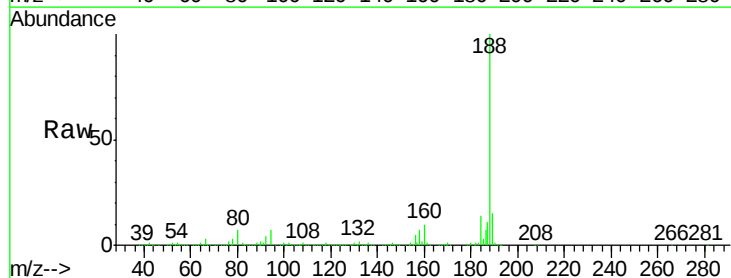
Ion 105.00 (104.70 to 105.70): BM024616.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024616.D (-2119) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.0	7.6
80	7.4	5.8	8.8

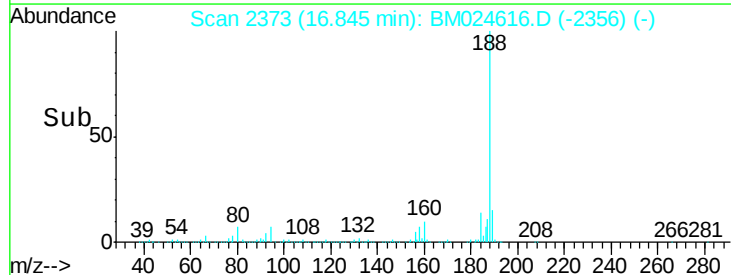
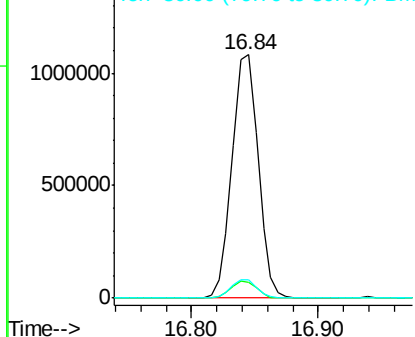


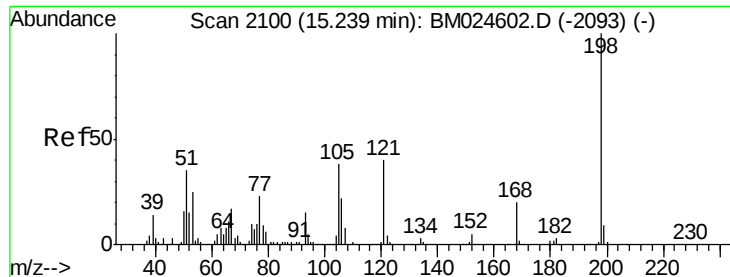
Abundance

Ion 188.00 (187.70 to 188.70): BM024616.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024616.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024616.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 37.163 ng

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 338990

Ion Ratio Lower Upper

198 100

51 33.1 15.8 55.8

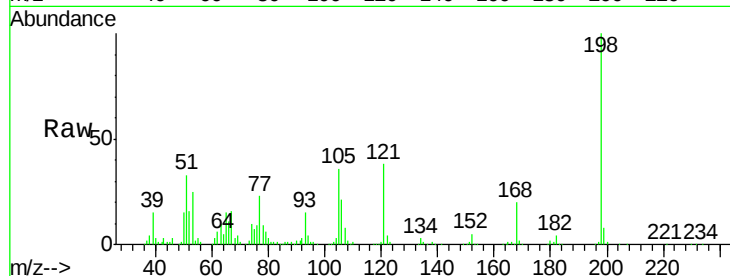
105 36.5 18.5 58.5

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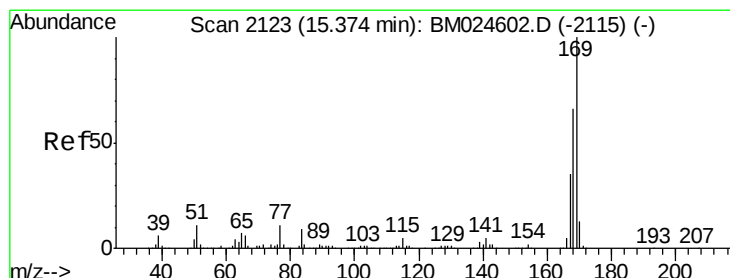
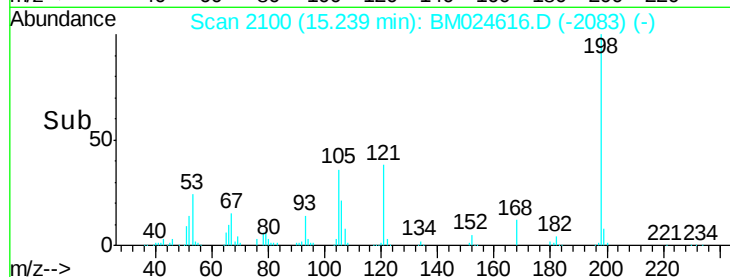
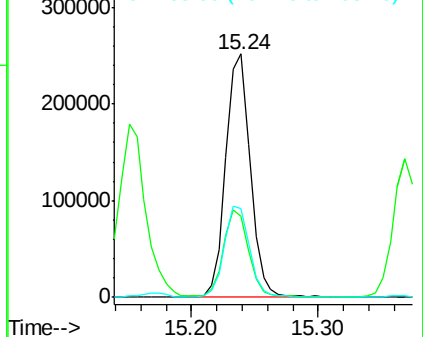
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.303 ng

RT: 15.37 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

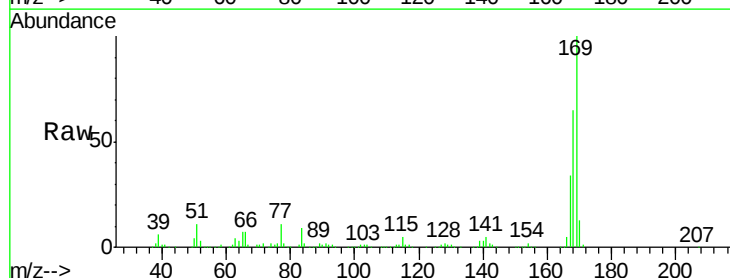
Tgt Ion:169 Resp: 1662347

Ion Ratio Lower Upper

169 100

168 65.2 52.8 79.2

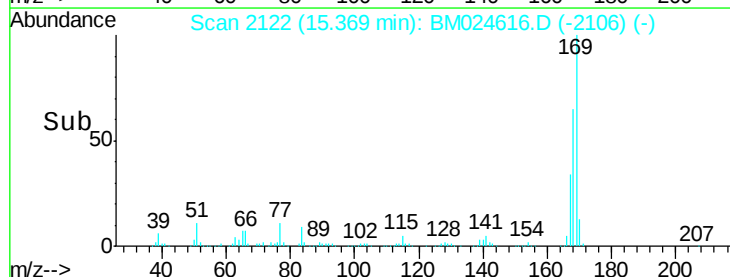
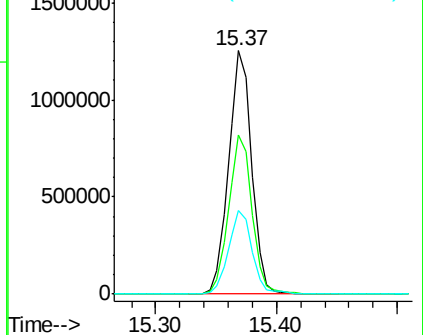
167 34.5 28.2 42.2

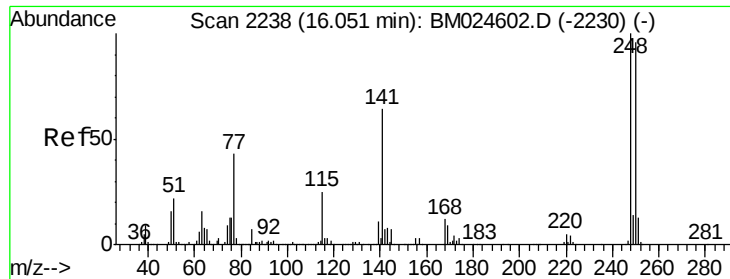


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





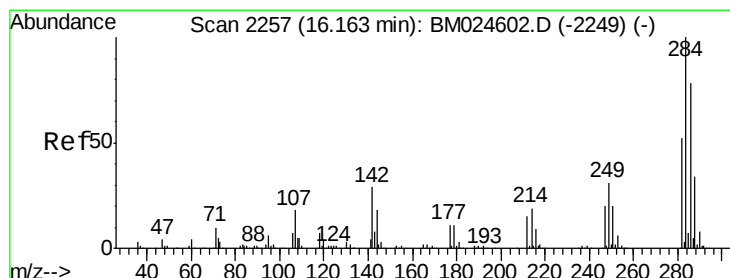
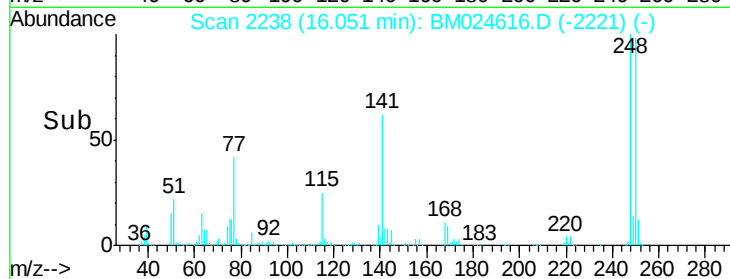
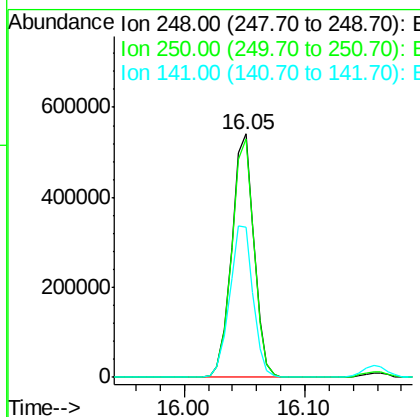
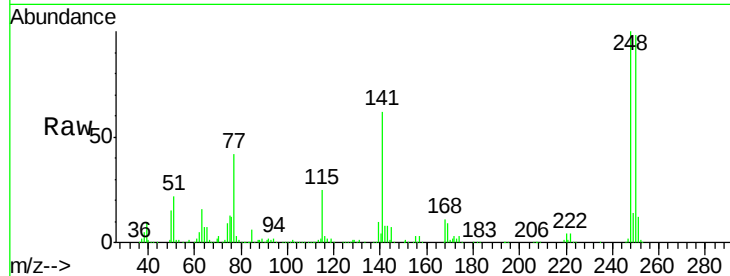
#67
4-Bromophenyl-phenylether
Concen: 36.091 ng
RT: 16.05 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.0	115.6
141	61.8	50.9	76.3

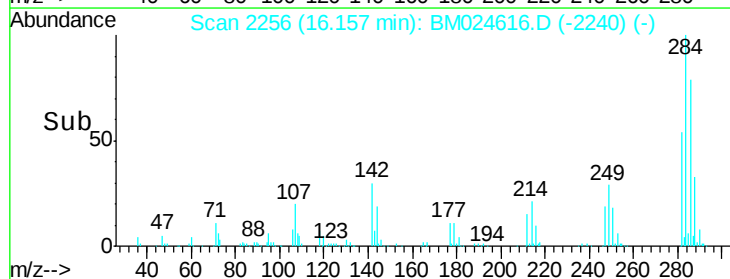
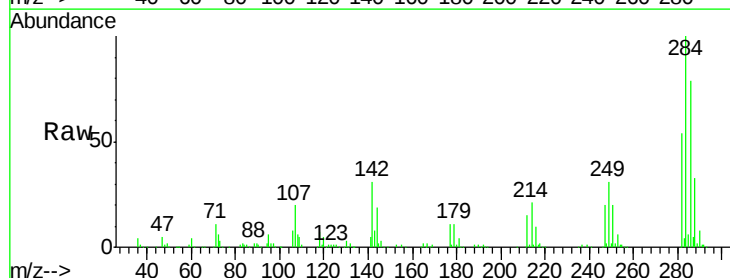
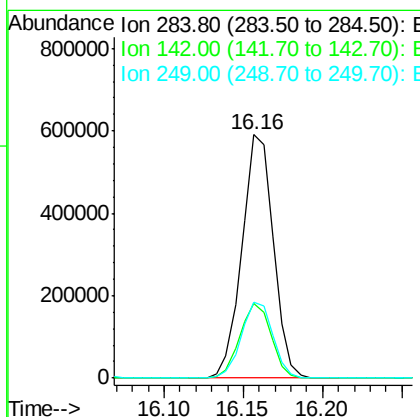
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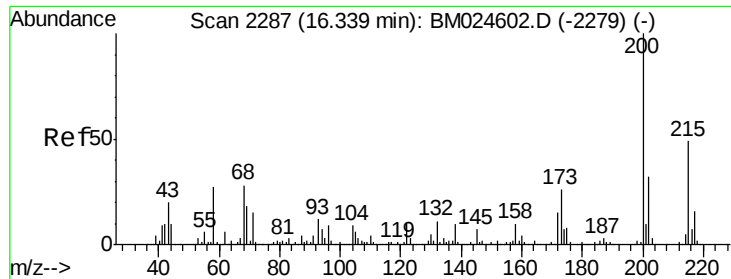
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#68
Hexachlorobenzene
Concen: 36.549 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	23.5	35.3
249	31.4	24.6	36.8





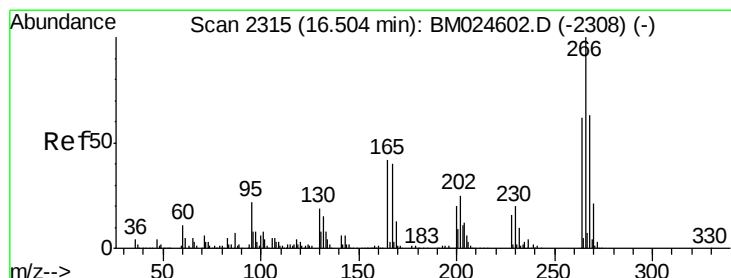
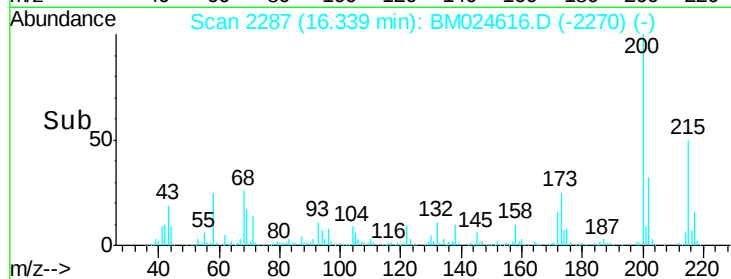
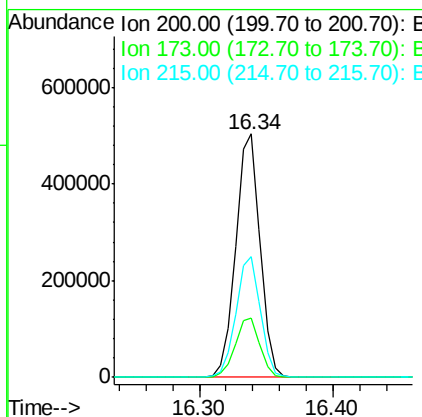
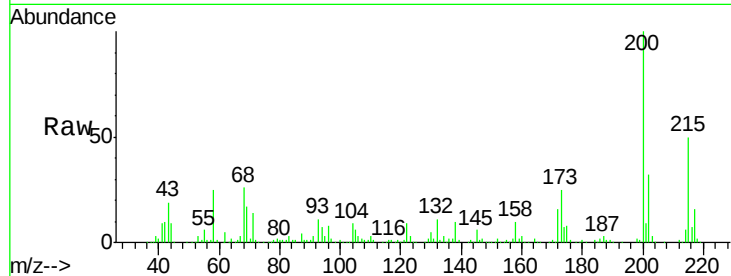
#69
Atrazine
Concen: 37.356 ng
RT: 16.34 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	638992		
173	24.6	5.5	45.5	
215	49.7	29.4	69.4	

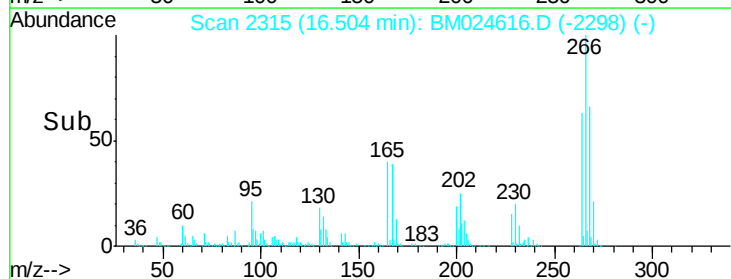
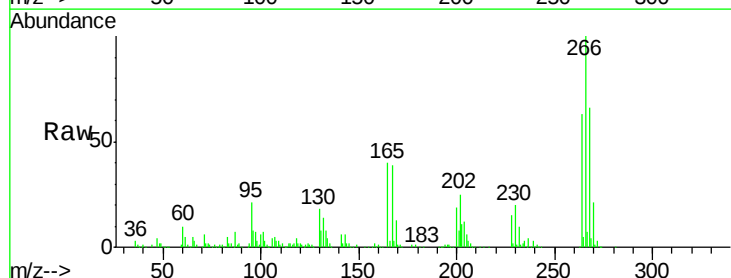
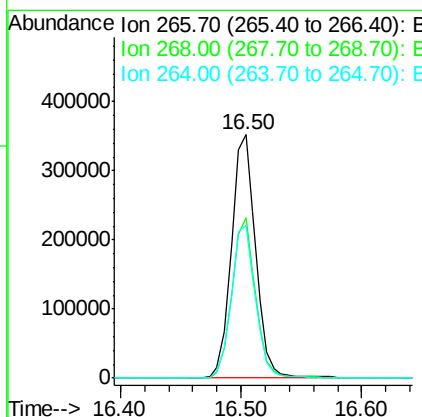
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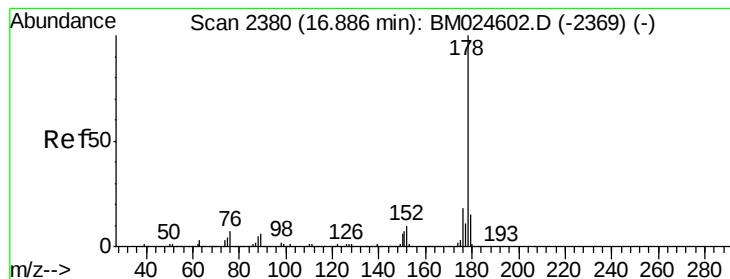
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#70
Pentachlorophenol
Concen: 36.393 ng
RT: 16.50 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	490771		
268	65.7	50.4	75.6	
264	62.8	49.9	74.9	





#71

Phenanthrene

Concen: 36.846 ng

RT: 16.89 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3095439

Ion Ratio Lower Upper

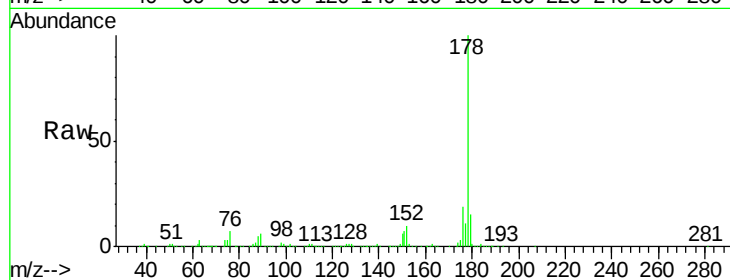
178 100

176 18.8 14.5 21.7

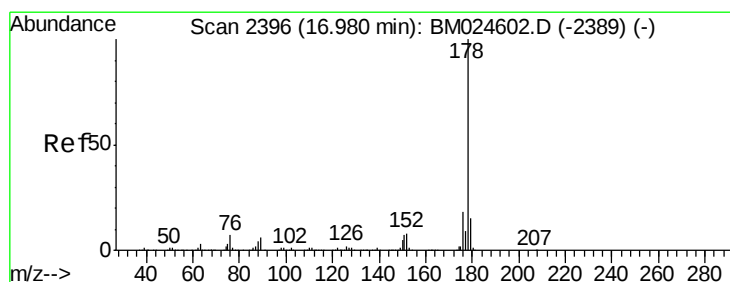
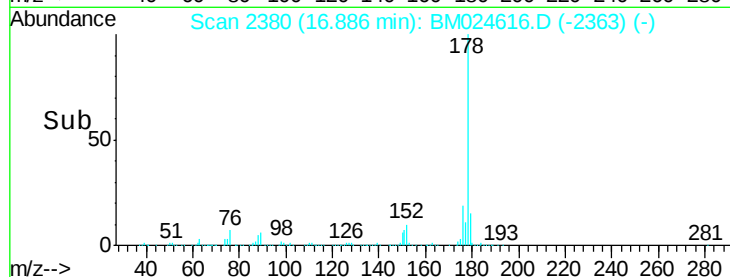
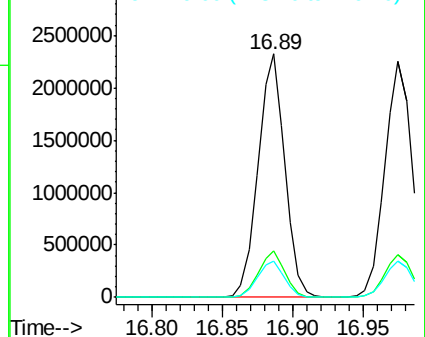
179 14.9 11.9 17.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.966 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

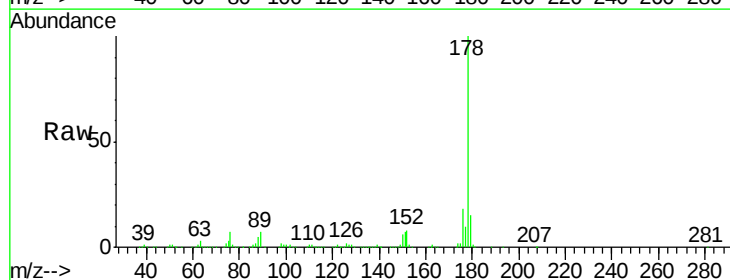
Tgt Ion:178 Resp: 3038646

Ion Ratio Lower Upper

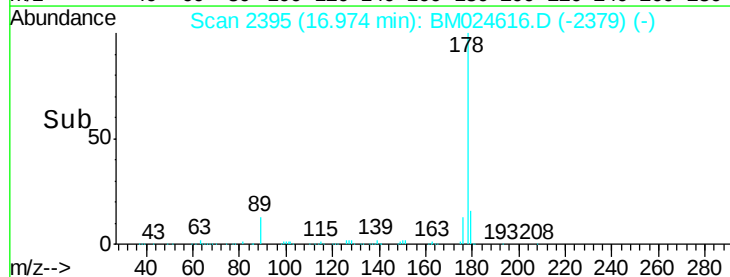
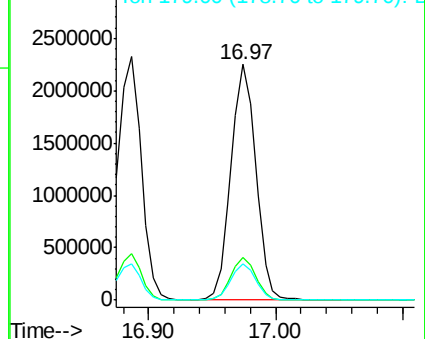
178 100

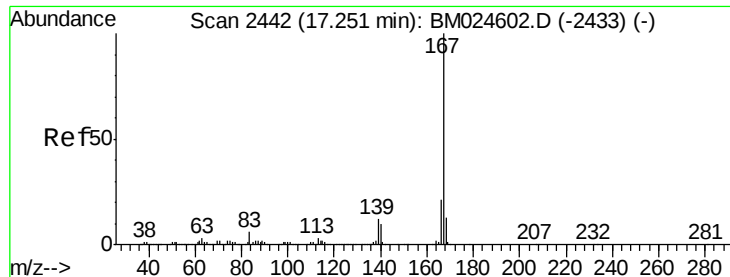
176 17.9 14.3 21.5

179 15.5 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





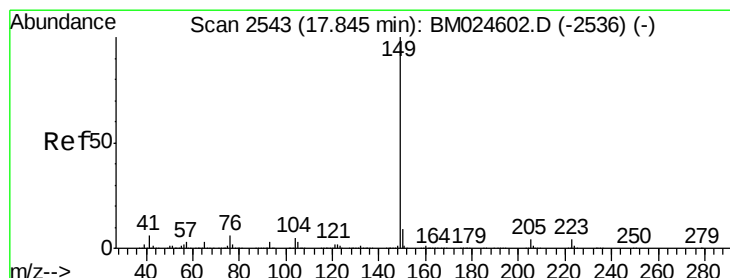
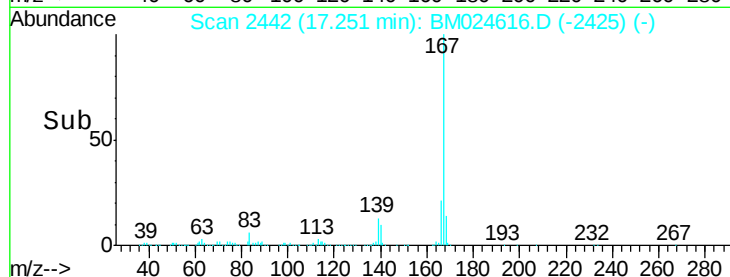
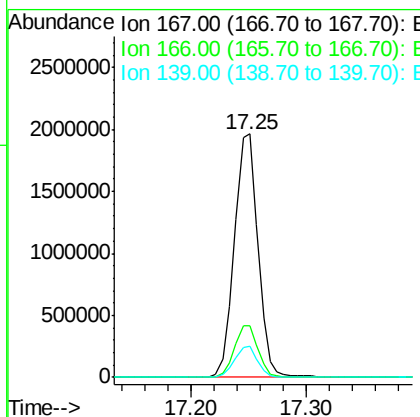
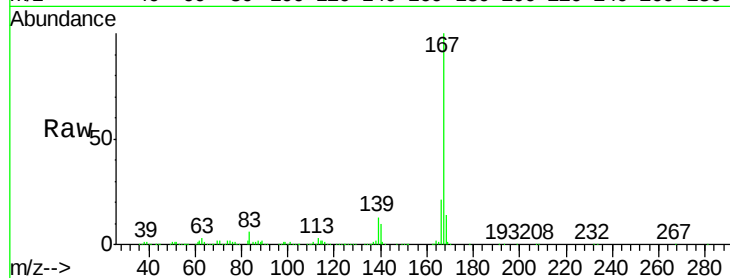
#73
 Carbazole
 Concen: 37.303 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.2	17.1	25.7	
139	12.6	9.8	14.8	

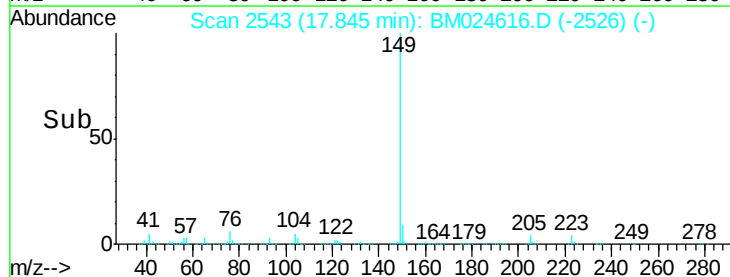
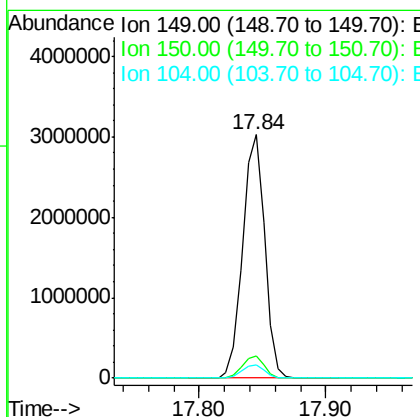
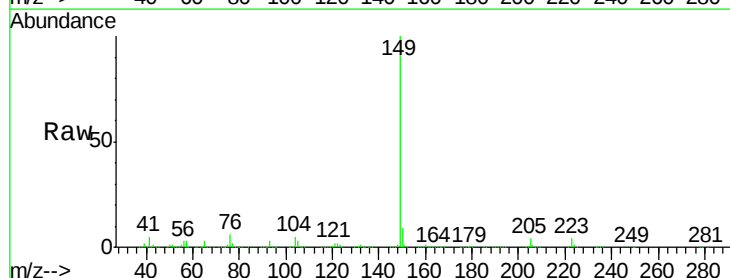
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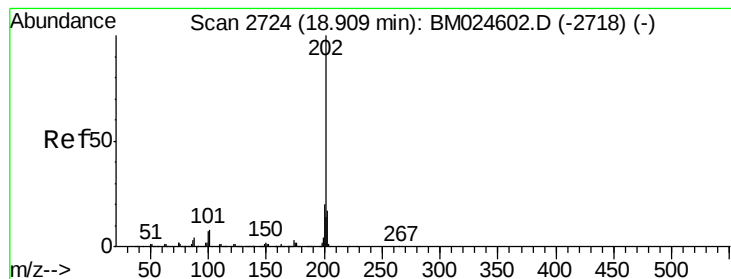
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#74
 Di-n-butylphthalate
 Concen: 37.738 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.1	7.4	11.0	
104	5.5	4.3	6.5	





#75

Fluoranthene

Concen: 37.001 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

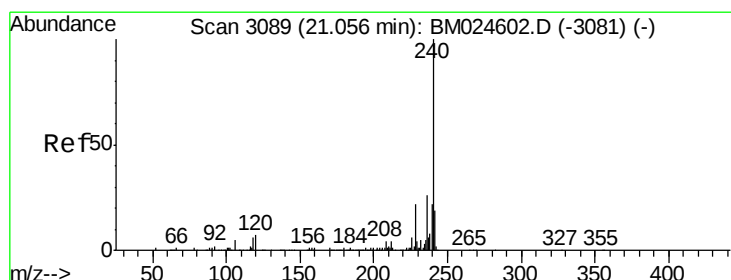
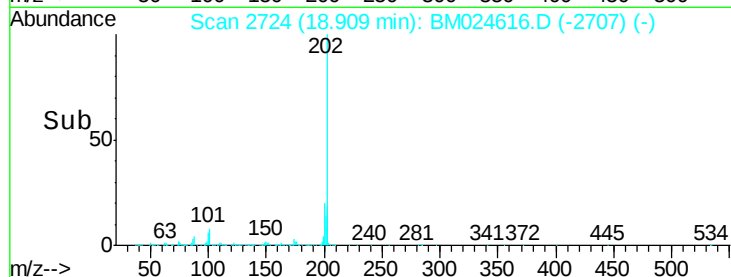
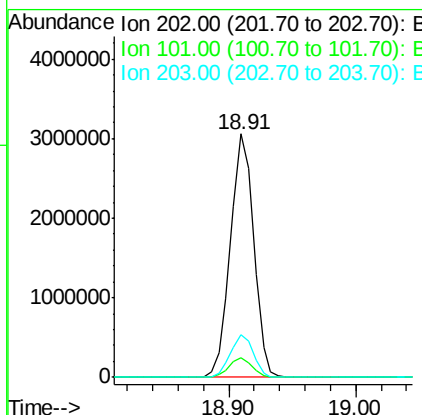
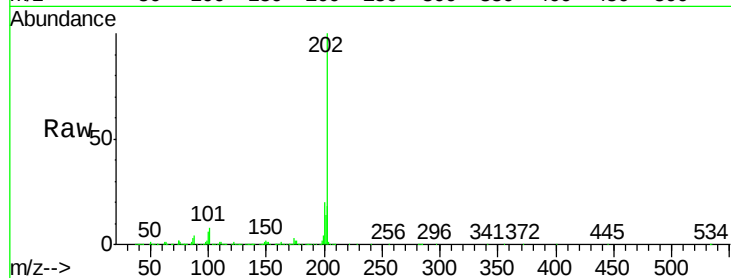
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	3879669
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.4
203	17.7	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

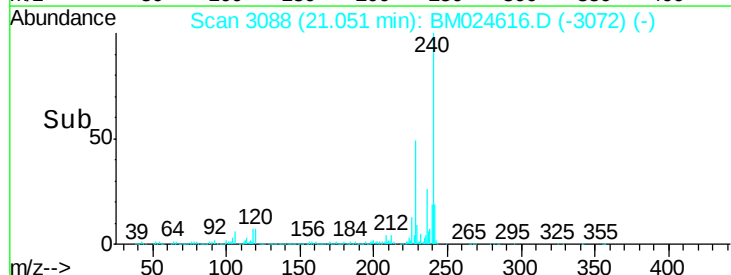
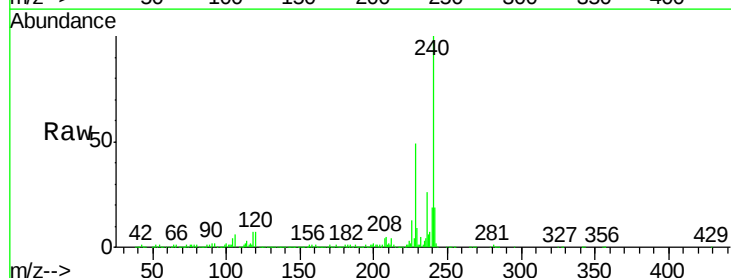
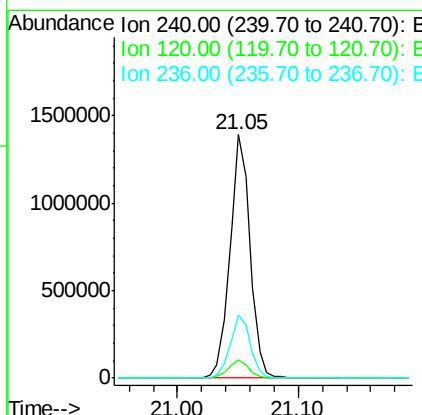
RT: 21.05 min Scan# 3088

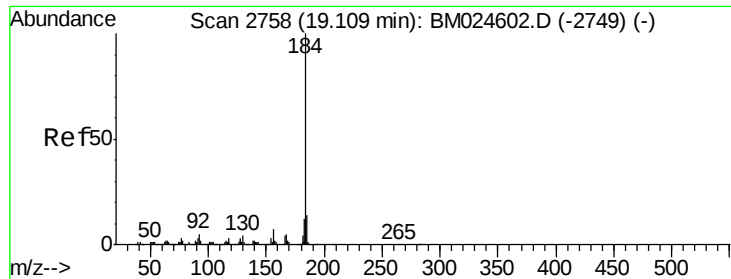
Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Tgt Ion:	240	Resp:	1609831
Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.3	7.9
236	25.9	20.6	31.0





#77

Benzidine

Concen: 47.801 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1792083

Ion Ratio Lower Upper

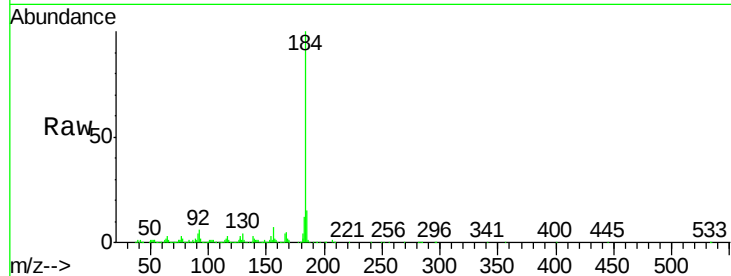
184 100

185 14.6 11.3 16.9

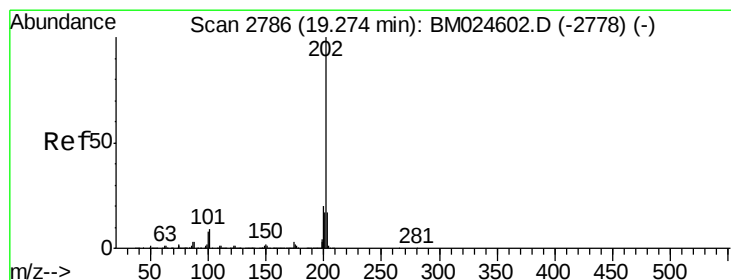
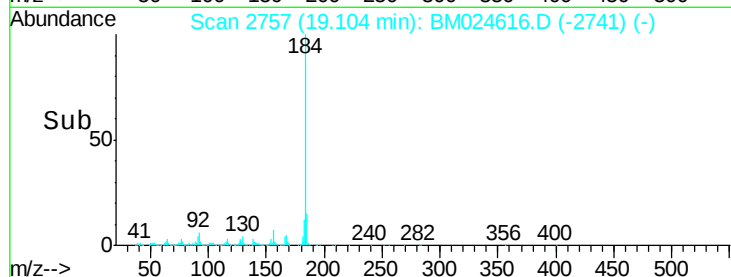
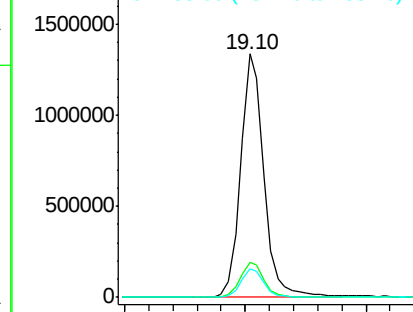
183 11.6 9.6 14.4

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



#78

Pyrene

Concen: 37.189 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

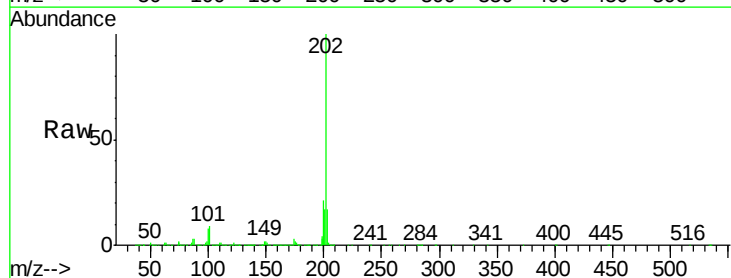
Tgt Ion:202 Resp: 3946686

Ion Ratio Lower Upper

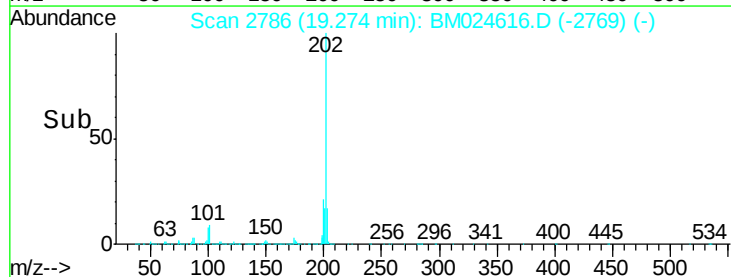
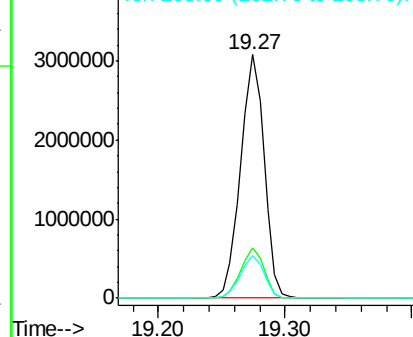
202 100

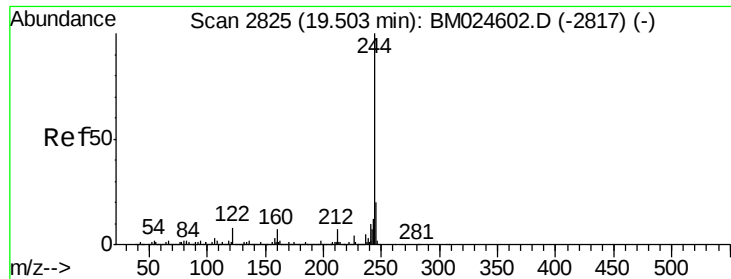
200 20.5 16.2 24.2

203 17.4 14.0 21.0



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





#79

Terphenyl-d14

Concen: 78.327 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 6754099

Ion Ratio Lower Upper

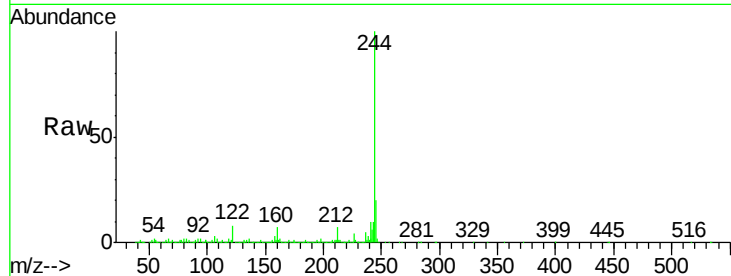
244 100

212 7.1 5.4 8.2

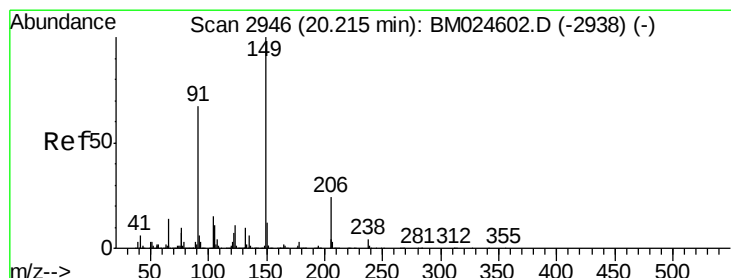
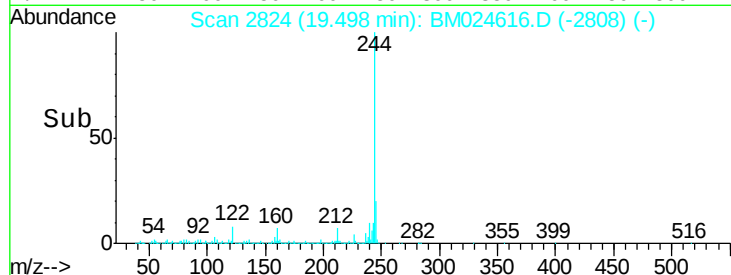
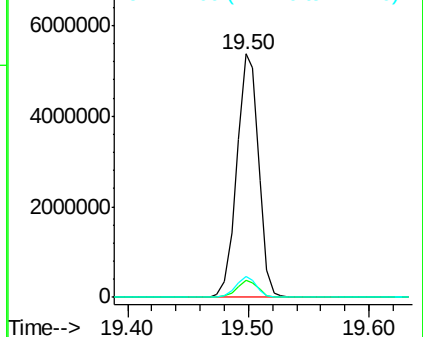
122 8.5 6.2 9.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.978 ng

RT: 20.22 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

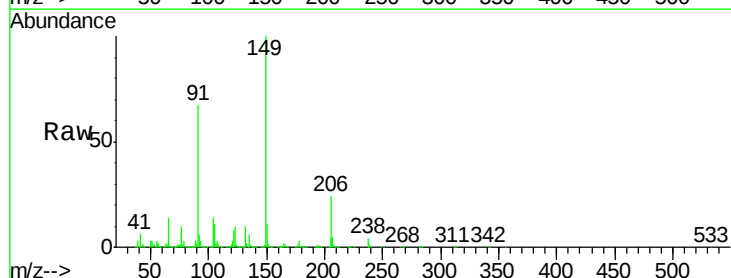
Tgt Ion:149 Resp: 1691251

Ion Ratio Lower Upper

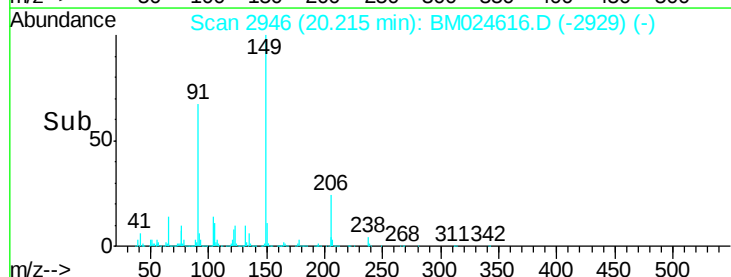
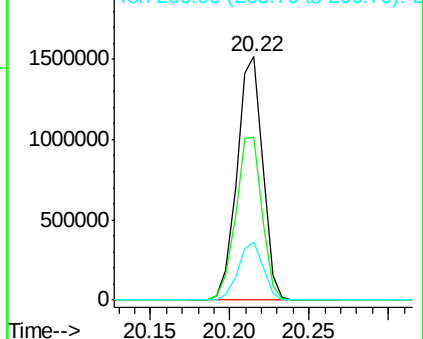
149 100

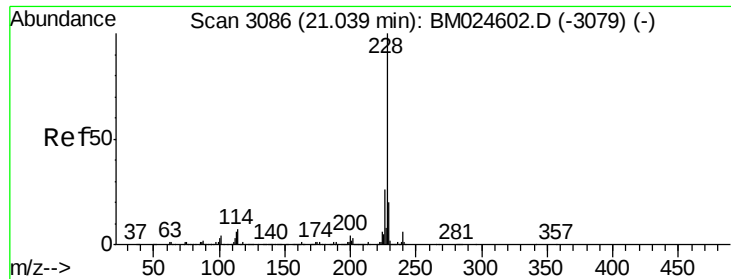
91 66.9 53.9 80.9

206 24.0 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.737 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 4104685

Ion Ratio Lower Upper

228 100

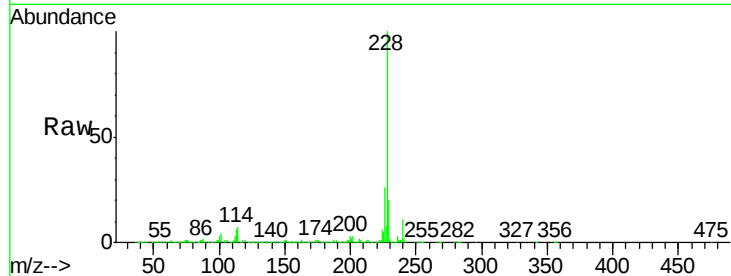
226 26.5 21.1 31.7

229 19.6 15.8 23.6

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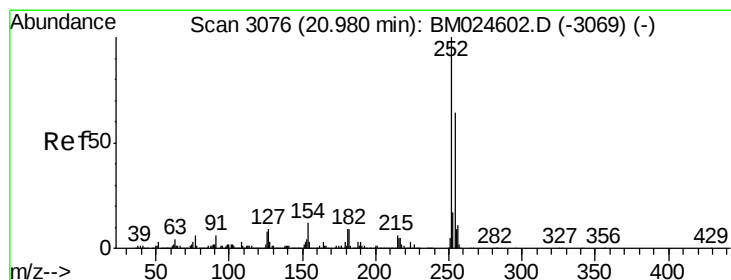
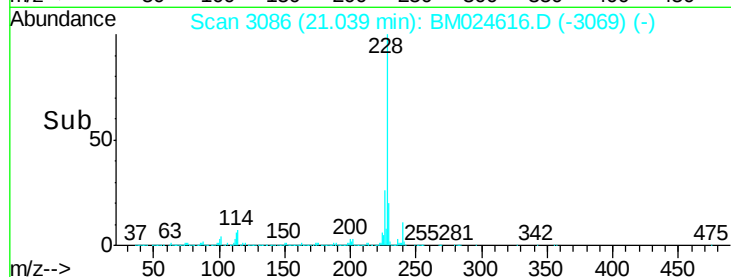
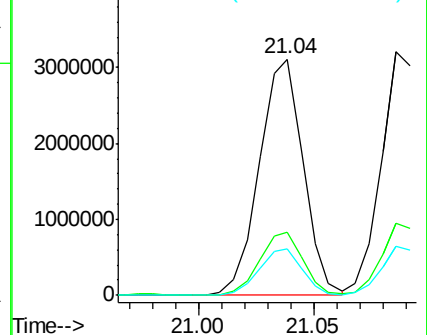
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.427 ng

RT: 20.98 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

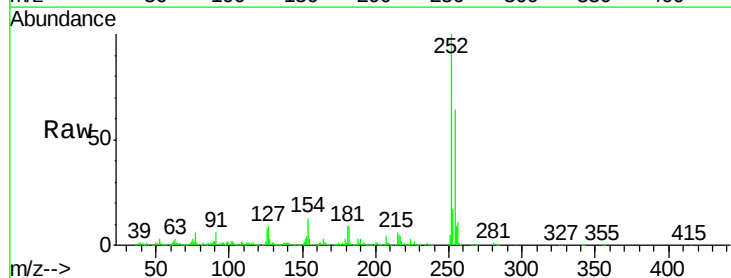
Tgt Ion:252 Resp: 1544490

Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

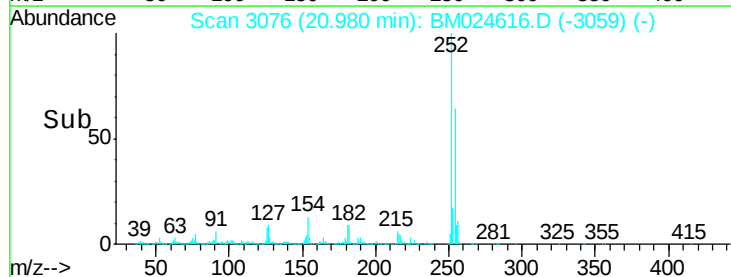
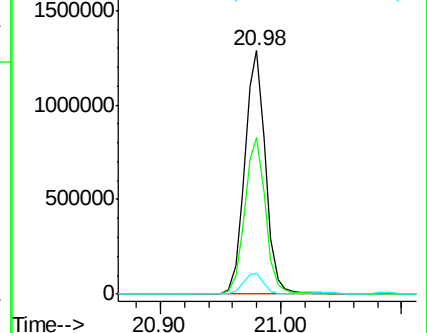
126 8.4 6.7 10.1

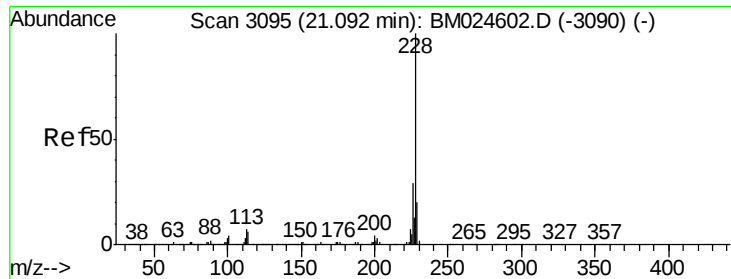


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrvsene
 Concen: 36.911 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

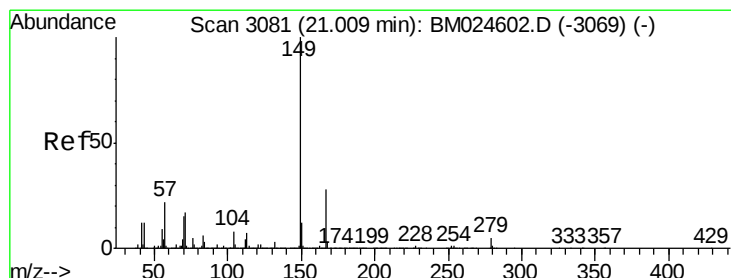
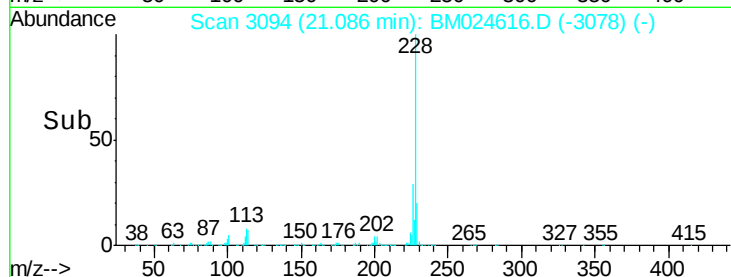
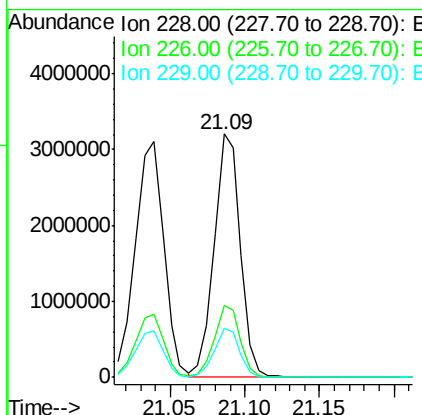
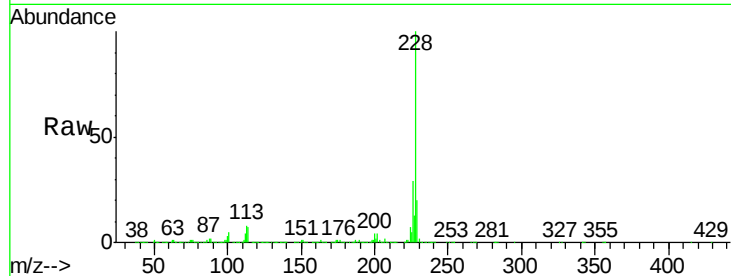
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 3935257

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	19.9	15.7	23.5

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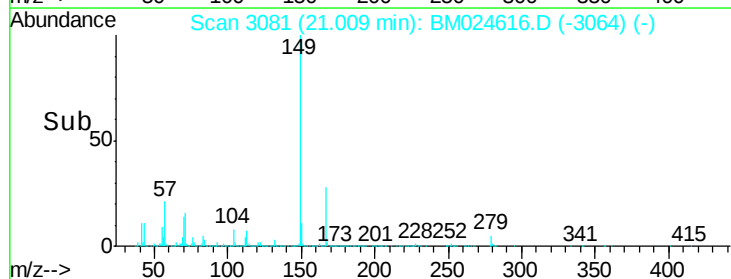
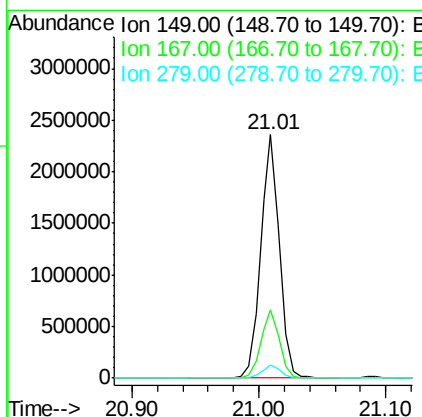
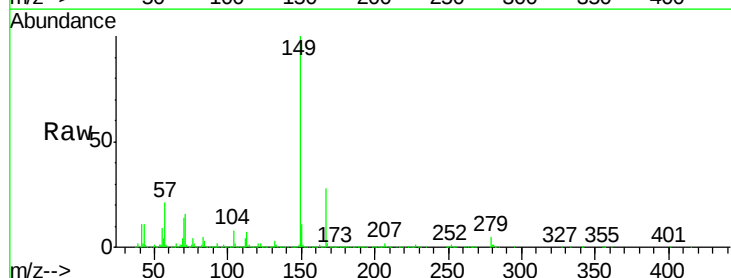
mohammad
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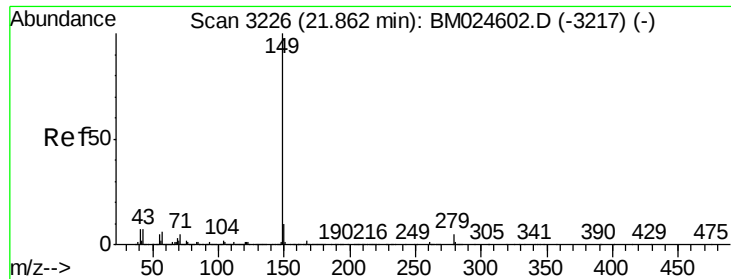


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.905 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM024616.D
 Acq: 24 Jan 2020 11:55

Tgt Ion:149 Resp: 2424922

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	5.2	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 37.722 ng

RT: 21.86 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 4095007

Ion Ratio Lower Upper

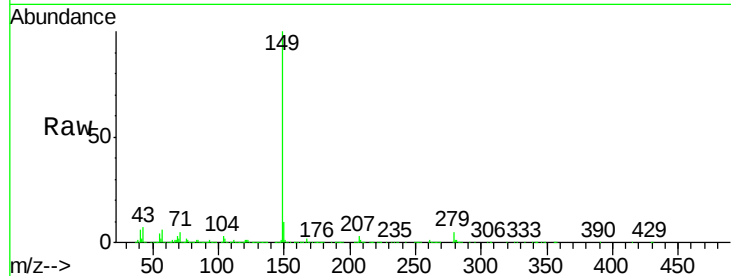
149 100

167 1.6 1.3 1.9

43 7.2 5.8 8.6

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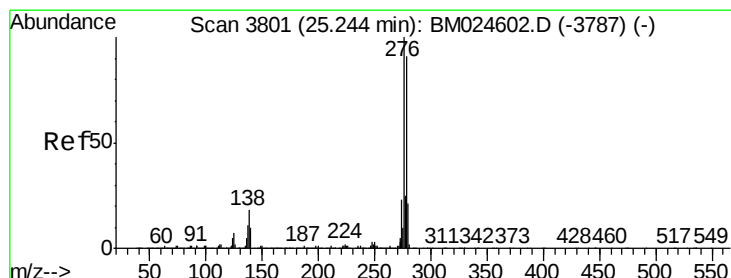
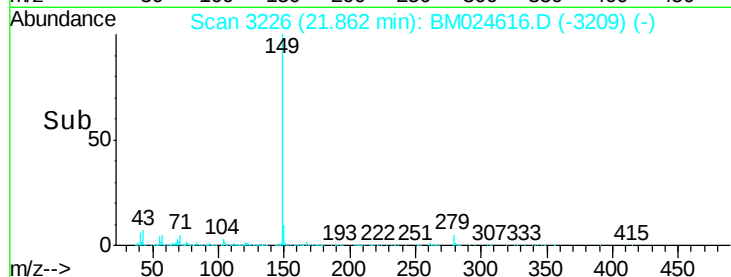
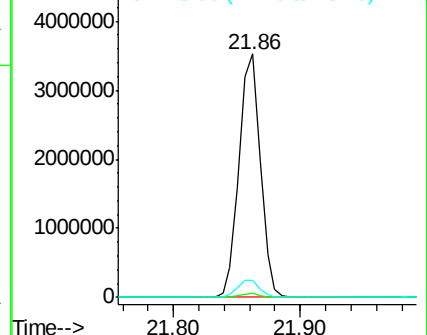
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.880 ng

RT: 25.23 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

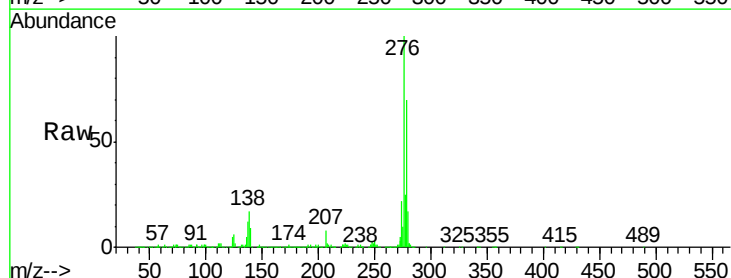
Tgt Ion:276 Resp: 4169413

Ion Ratio Lower Upper

276 100

138 17.5 13.4 20.0

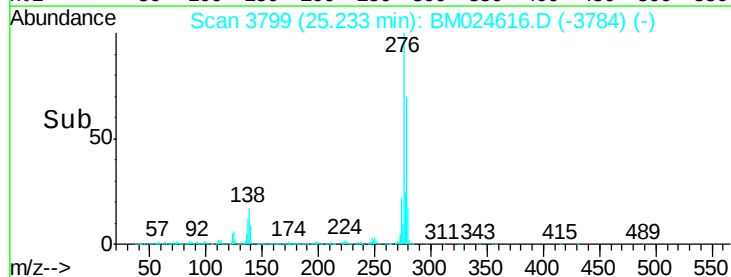
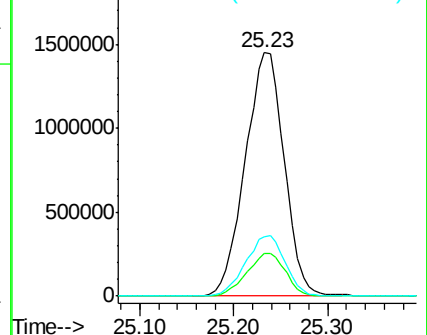
277 25.1 19.6 29.4

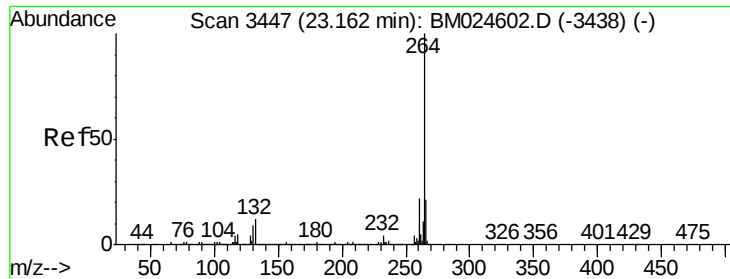


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.16 min Scan# 3447

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:264 Resp: 1724547

Ion Ratio Lower Upper

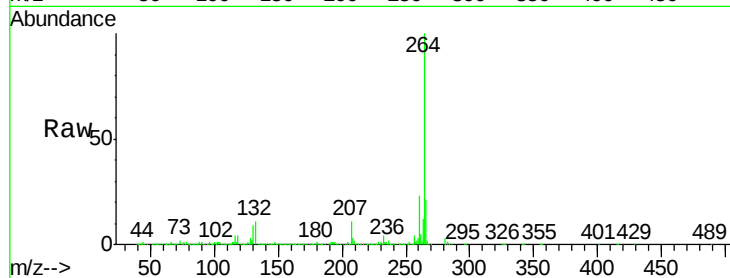
264 100

260 22.8 17.9 26.9

265 21.2 17.3 25.9

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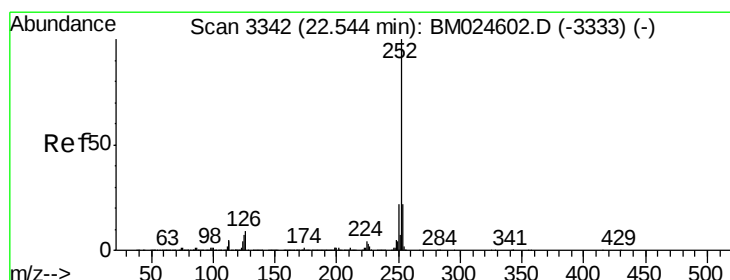
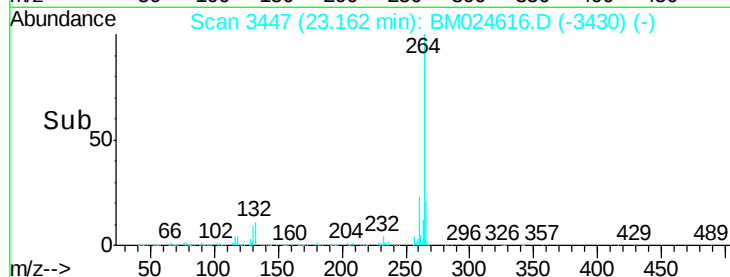
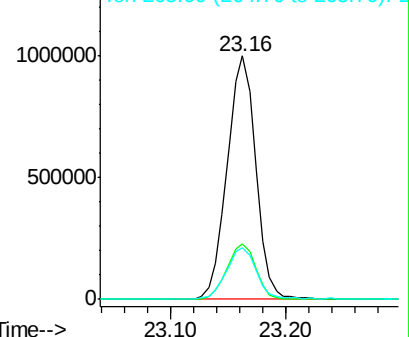
mohammad
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.682 ng

RT: 22.54 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

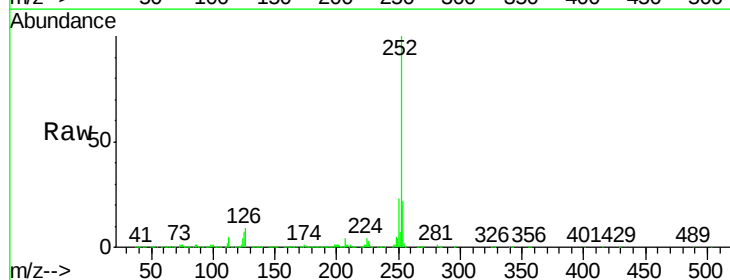
Tgt Ion:252 Resp: 4102843

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

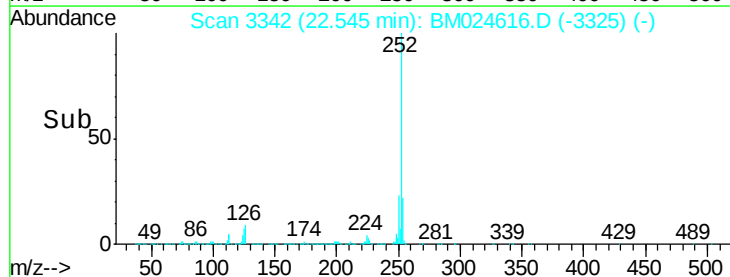
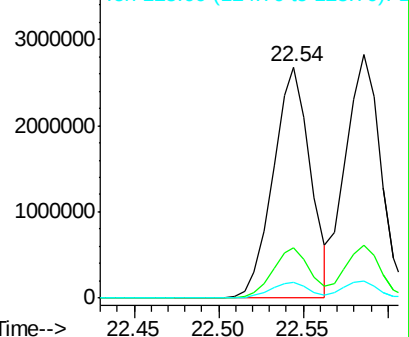
125 6.9 5.7 8.5

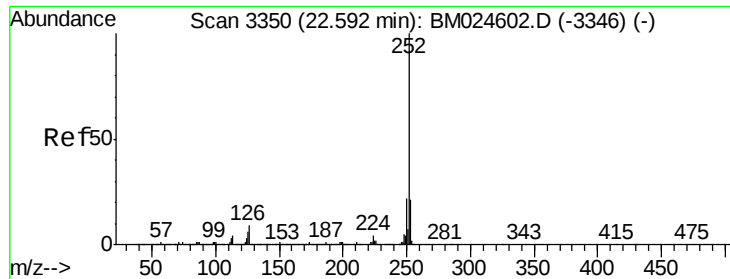


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





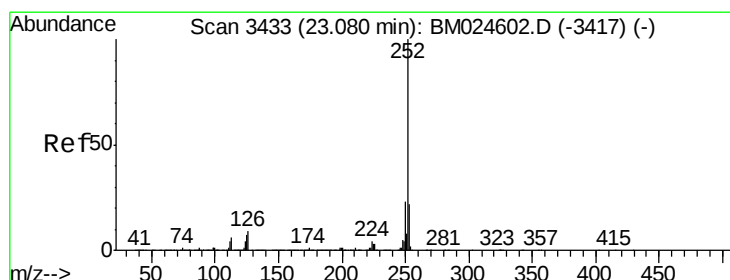
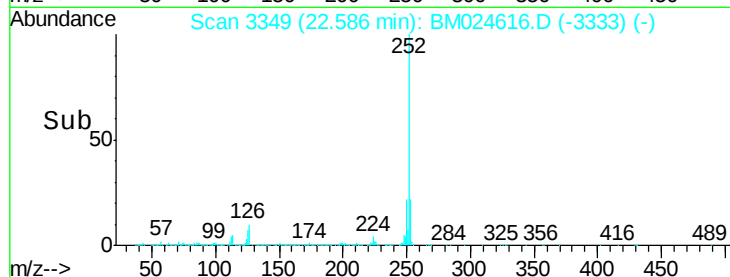
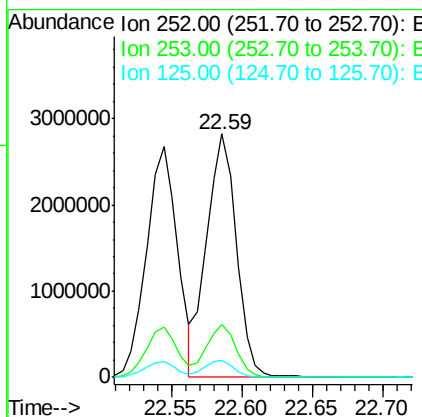
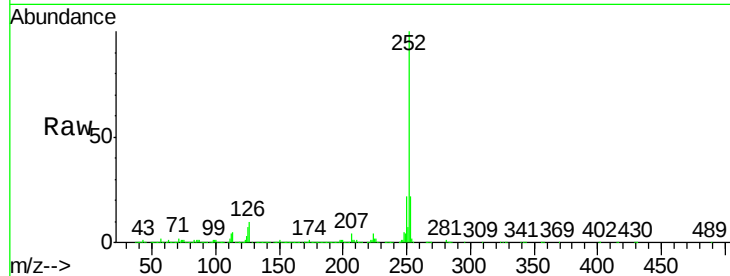
#89
Benzo(k)fluoranthene
Concen: 37.703 ng
RT: 22.59 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 4116246
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.1 5.2 7.8

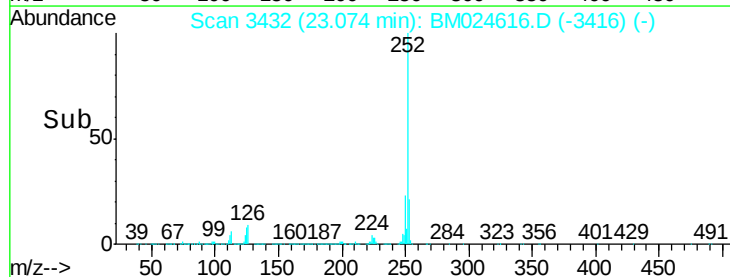
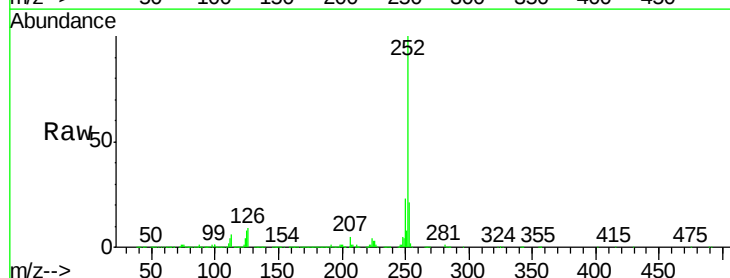
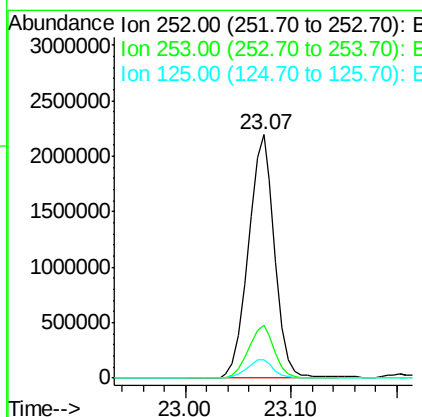
Manual Integrations
APPROVED

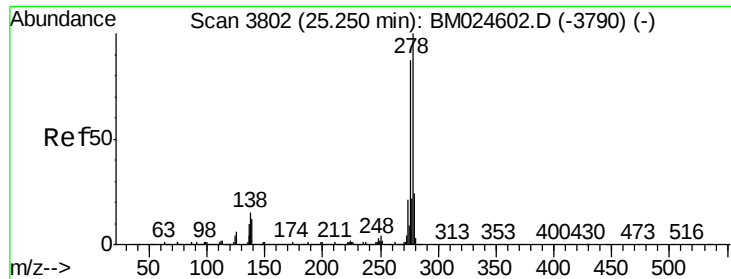
mohammad
1/28/2020 8:13:06 AM



#90
Benzo(a)pyrene
Concen: 37.043 ng
RT: 23.07 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM024616.D
Acq: 24 Jan 2020 11:55

Tgt Ion:252 Resp: 3766932
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 7.6 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 36.081 ng

RT: 25.24 min Scan# 3801

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 3482493

Ion Ratio Lower Upper

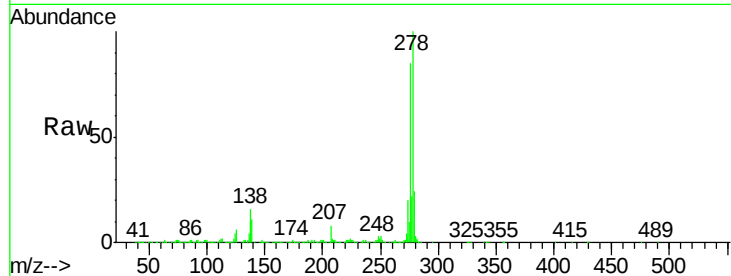
278 100

139 11.3 9.3 13.9

279 24.0 18.9 28.3

Manual Integrations
APPROVED

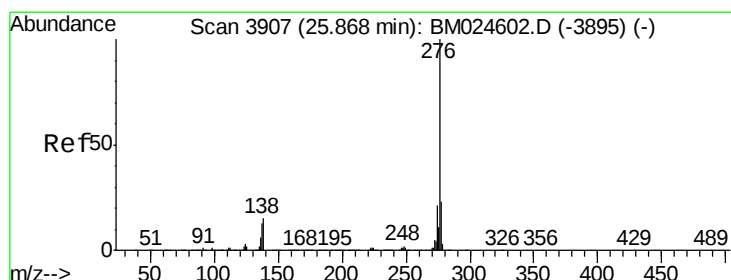
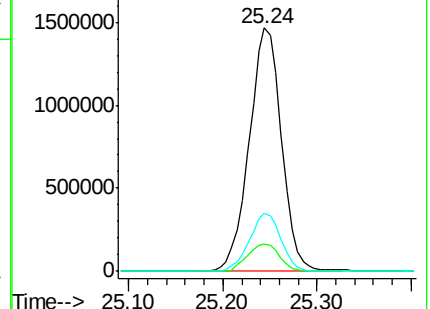
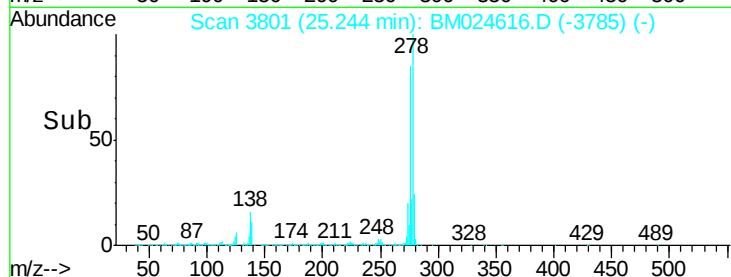
mohammad
1/28/2020 8:13:06 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.184 ng

RT: 25.86 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM024616.D

Acq: 24 Jan 2020 11:55

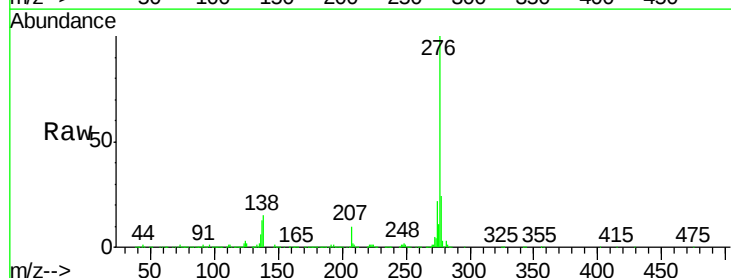
Tgt Ion:276 Resp: 3171217

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 14.5 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

