

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024661.D
 Acq On : 30 Jan 2020 16:45
 Operator : CG/JU
 Sample : PB126393BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:22:25 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	7.43	152	161164	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	563993	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	367098	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	810683	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	913258	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1187814	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	744367	87.84	ng	0.00
7) Phenol-d6	6.63	99	918539	78.68	ng	-0.01
23) Nitrobenzene-d5	8.57	82	818791	71.20	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	525140	87.94	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2194372	81.27	ng	-0.02
79) Terphenyl-d14	19.49	244	3832458	78.34	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.06	88	139129	41.503	ng	92
3) Pyridine	3.44	79	351203	36.140	ng	94
4) n-Nitrosodimethylamine	3.35	42	152090	35.259	ng	87
6) Aniline	6.77	93	481071	33.850	ng	97
8) 2-Chlorophenol	7.00	128	462432	47.935	ng	92
9) Benzaldehyde	6.58	77	215639	31.261	ng	89
10) Phenol	6.66	94	515541	44.302	ng	94
11) bis(2-Chloroethyl)ether	6.87	93	383801	41.198	ng	93
12) 1,3-Dichlorobenzene	7.32	146	554904	46.821	ng	95
13) 1,4-Dichlorobenzene	7.46	146	562631	46.795	ng	97
14) 1,2-Dichlorobenzene	7.77	146	535792	46.166	ng	97
15) Benzyl Alcohol	7.67	79	371684	38.616	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.96	45	282917	33.174	ng	97
17) 2-Methylphenol	7.89	107	354056	43.175	ng	94
18) Hexachloroethane	8.49	117	192354	41.430	ng	93
19) n-Nitroso-di-n-propylamine	8.24	70	296394	33.815	ng	93
20) 3+4-Methylphenols	8.21	107	470678	41.463	ng	97
22) Acetophenone	8.24	105	617183	42.439	ng	97
24) Nitrobenzene	8.61	77	460832	41.815	ng	92
25) Isophorone	9.14	82	789048	40.380	ng	97
26) 2-Nitrophenol	9.32	139	255111	49.991	ng	88
27) 2,4-Dimethylphenol	9.40	122	391225	56.416	ng	96
28) bis(2-Chloroethoxy)methane	9.63	93	481566	40.342	ng	99
29) 2,4-Dichlorophenol	9.85	162	466109	49.751	ng	97
30) 1,2,4-Trichlorobenzene	10.06	180	551210	48.782	ng	99
31) Naphthalene	10.24	128	1350802	47.420	ng	100
32) Benzoic acid	9.53	122	251301	39.615	ng	98
33) 4-Chloroaniline	10.35	127	276970	22.182	ng	96
34) Hexachlorobutadiene	10.54	225	368157	47.133	ng	99
35) Caprolactam	11.13	113	127004	42.253	ng	89
36) 4-Chloro-3-methylphenol	11.50	107	424492	42.610	ng	92
37) 2-Methylnaphthalene	11.86	142	1013678	46.112	ng	98
38) 1-Methylnaphthalene	12.09	142	947957	45.333	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	622386	47.504	ng	99

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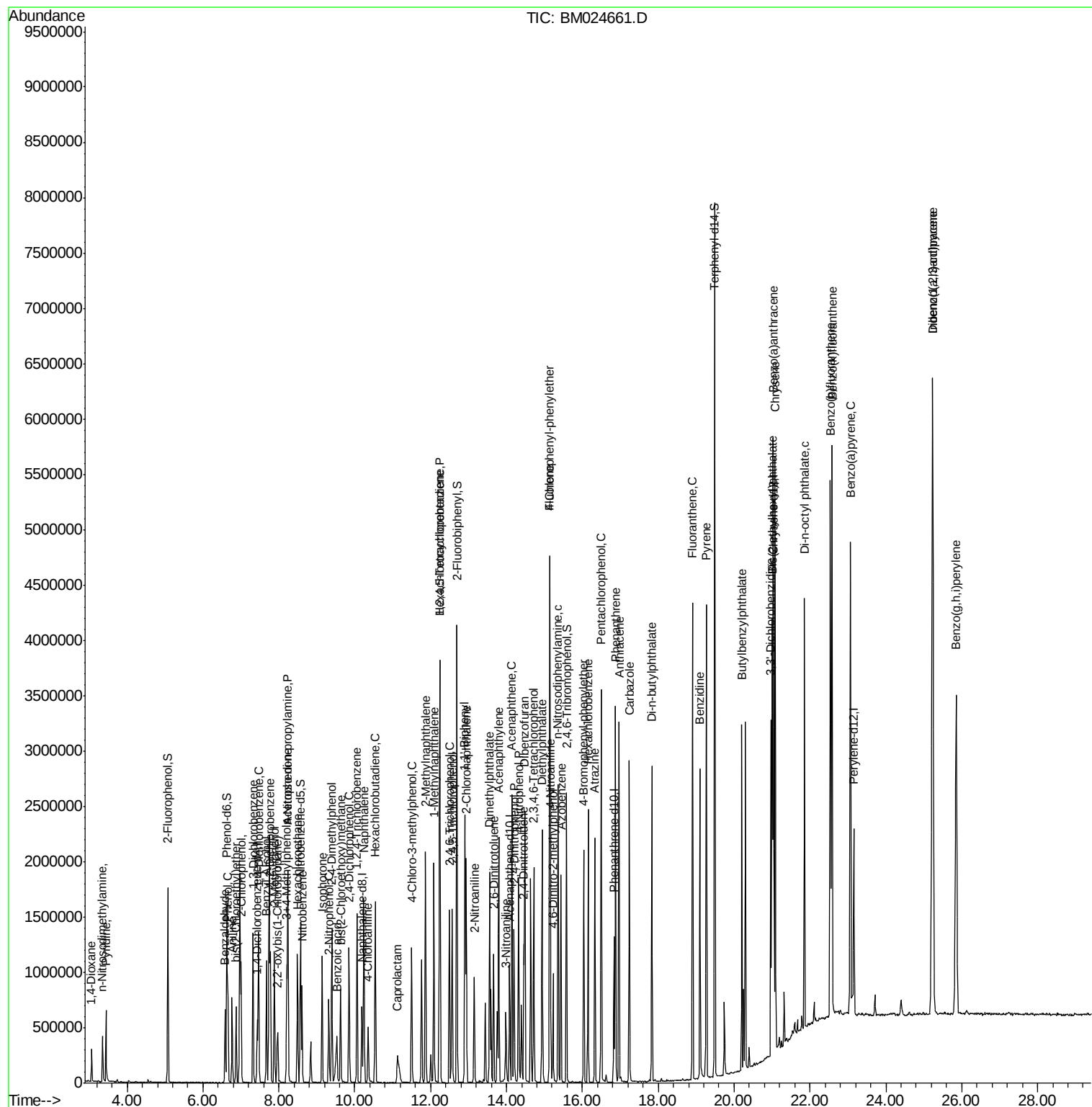
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	830753	113.124	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	406336	48.737	ng	97
44) 2,4,5-Trichlorophenol	12.57	196	430755	50.590	ng	96
46) 1,1'-Biphenyl	12.90	154	1288879	46.394	ng	99
47) 2-Chloronaphthalene	12.94	162	1051992	46.906	ng	97
48) 2-Nitroaniline	13.15	65	244050	35.678	ng #	84
49) Acenaphthylene	13.80	152	1620446	48.264	ng	100
50) Dimethylphthalate	13.56	163	1285236	43.297	ng	99
51) 2,6-Dinitrotoluene	13.66	165	285353	45.214	ng #	84
52) Acenaphthene	14.14	154	955414	45.858	ng	99
53) 3-Nitroaniline	13.99	138	181602	27.743	ng	90
54) 2,4-Dinitrophenol	14.20	184	359637	95.293	ng #	87
55) Dibenzofuran	14.49	168	1597159	47.006	ng	96
56) 4-Nitrophenol	14.32	139	509903	99.654	ng	85
57) 2,4-Dinitrotoluene	14.46	165	403857	44.650	ng #	87
58) Fluorene	15.14	166	1273491	44.600	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.72	232	411434	47.648	ng #	94
60) Diethylphthalate	14.94	149	1233430	40.928	ng	98
61) 4-Chlorophenyl-phenylether	15.14	204	710910	43.185	ng	98
62) 4-Nitroaniline	15.16	138	265174	36.701	ng	89
63) Azobenzene	15.44	77	969156	37.701	ng	93
65) 4,6-Dinitro-2-methylphenol	15.23	198	253367	53.154	ng	89
66) n-Nitrosodiphenylamine	15.36	169	1128082	48.443	ng	100
67) 4-Bromophenyl-phenylether	16.04	248	462604	45.886	ng	95
68) Hexachlorobenzene	16.15	284	553284	47.825	ng	97
69) Atrazine	16.33	200	444888	49.771	ng	99
70) Pentachlorophenol	16.50	266	714801	101.435	ng	100
71) Phenanthrene	16.87	178	2073767	47.239	ng	99
72) Anthracene	16.97	178	2130778	49.605	ng	99
73) Carbazole	17.24	167	1856233	47.470	ng	99
74) Di-n-butylphthalate	17.83	149	2048237	40.973	ng	99
75) Fluoranthene	18.90	202	2618504	47.790	ng	98
77) Benzidine	19.10	184	1752972	82.421	ng	100
78) Pyrene	19.27	202	2695941	44.779	ng	100
80) Butylbenzylphthalate	20.20	149	969548	38.378	ng	94
81) Benzo(a)anthracene	21.03	228	2926234	46.166	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	958237	42.026	ng	99
83) Chrysene	21.08	228	2807362	46.416	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1413164	37.911	ng #	97
85) Di-n-octyl phthalate	21.86	149	2553759	41.468	ng #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4202585	63.751	ng	98
88) Benzo(b)fluoranthene	22.54	252	3291510	42.725	ng	98
89) Benzo(k)fluoranthene	22.58	252	3343057	44.457	ng	99
90) Benzo(a)pyrene	23.07	252	3141910	44.858	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	3561639	53.575	ng	99
92) Benzo(g,h,i)perylene	25.86	276	3552871	58.857	ng	98

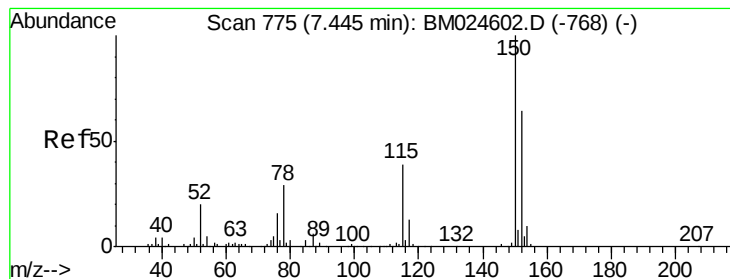
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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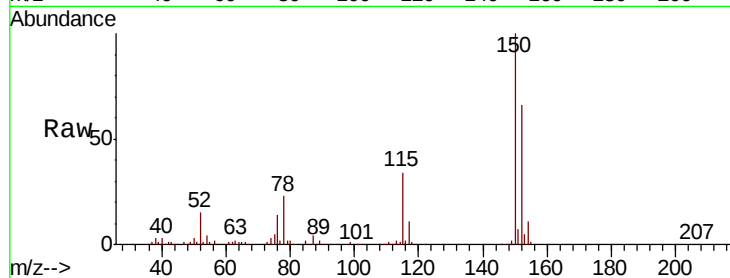


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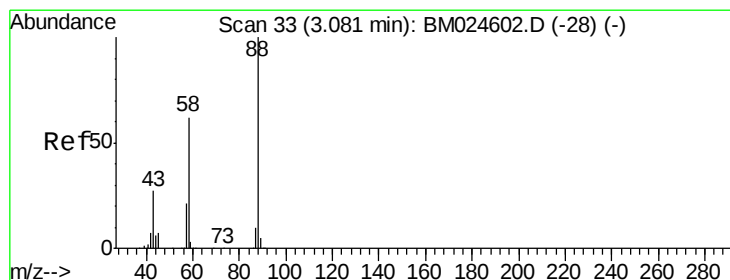
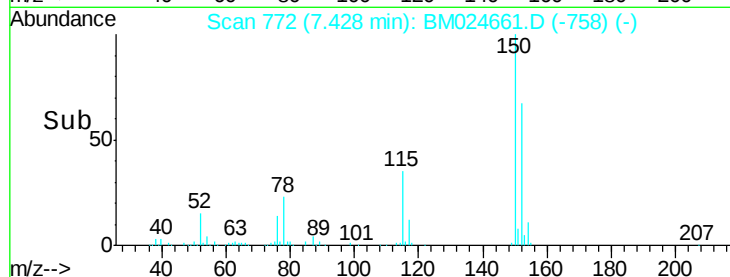
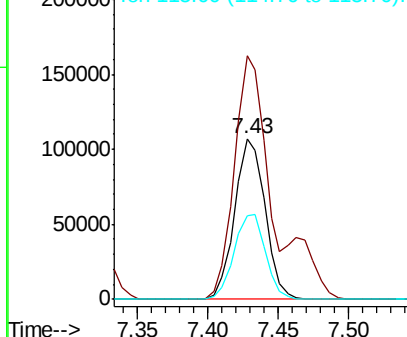
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.2	186.4
115	51.9	48.6	72.8



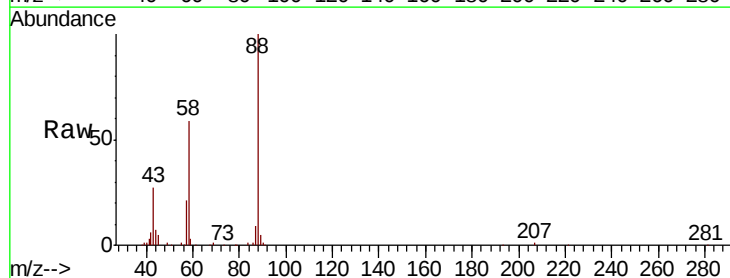
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



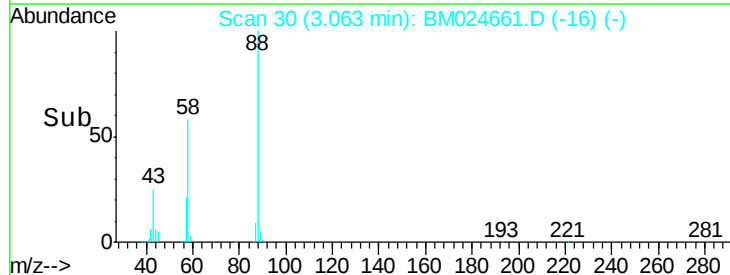
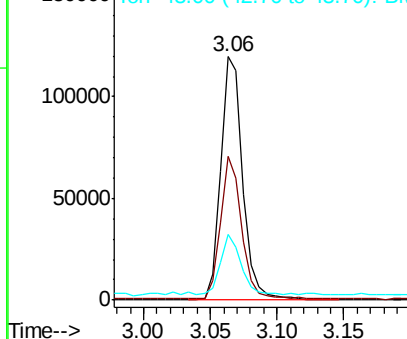
#2

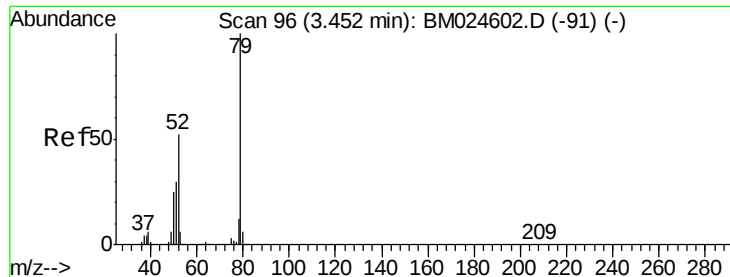
1,4-Dioxane
Concen: 41.503 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	50.0	75.0
43	23.0	21.6	32.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.140 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

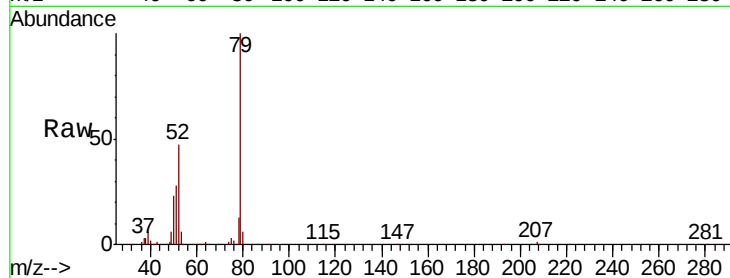
Tot Ion: 79 Resp: 351203

Ion Ratio Lower Upper

79 100

52 47.1 41.4 62.2

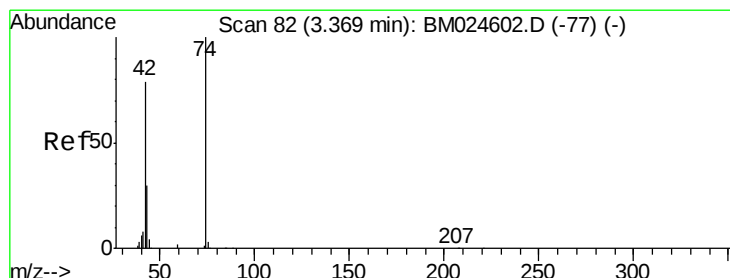
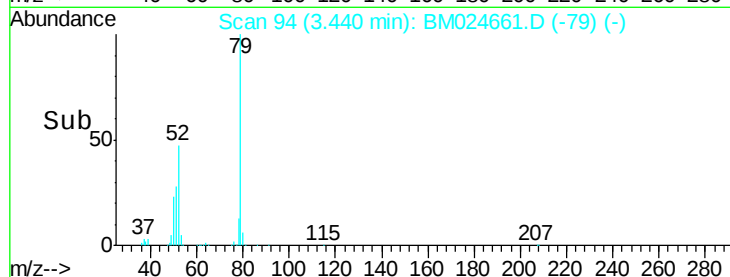
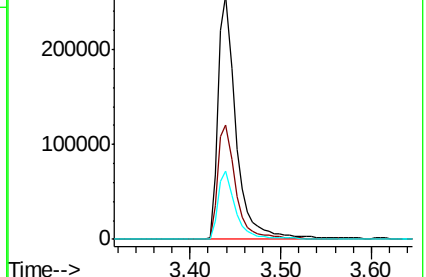
51 27.8 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024661.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024661.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024661.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 35.259 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

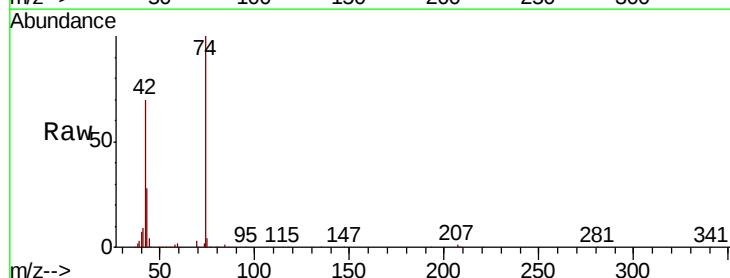
Tgt Ion: 42 Resp: 152090

Ion Ratio Lower Upper

42 100

74 142.4 101.4 152.2

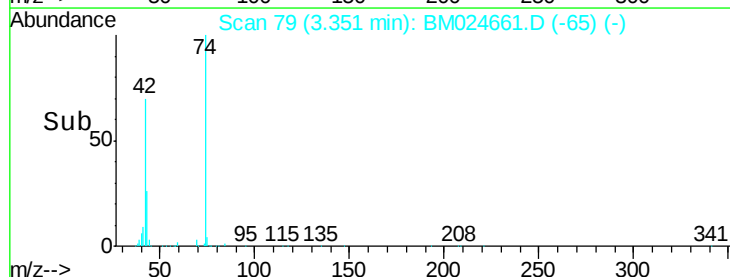
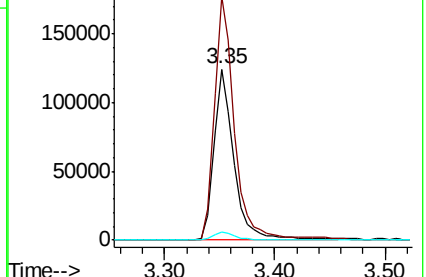
44 5.0 4.6 6.8

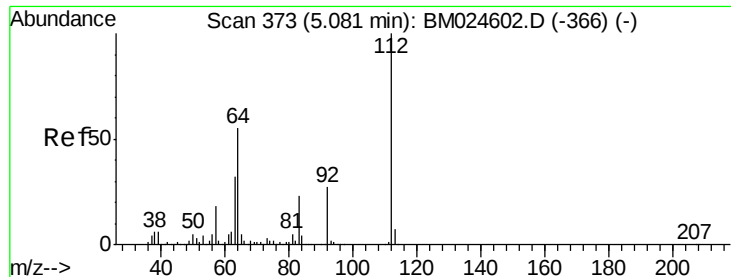


Abundance Ion 42.00 (41.70 to 42.70): BM024661.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024661.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024661.D (-65) (-)





#5

2-Fluorophenol

Concen: 87.836 ng

RT: 5.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BM024661.D

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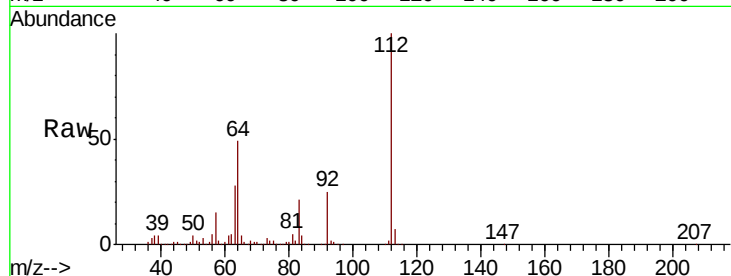
Tot Ion:112 Resp: 744367

Ion Ratio Lower Upper

112 100

64 49.0 44.2 66.4

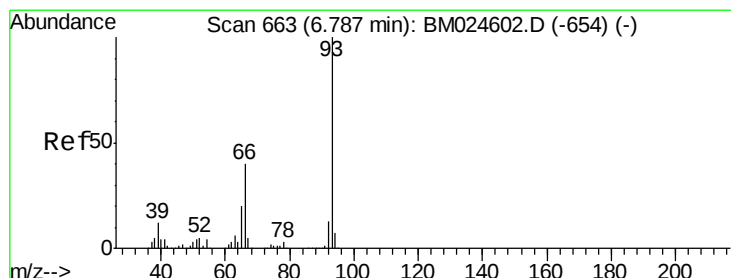
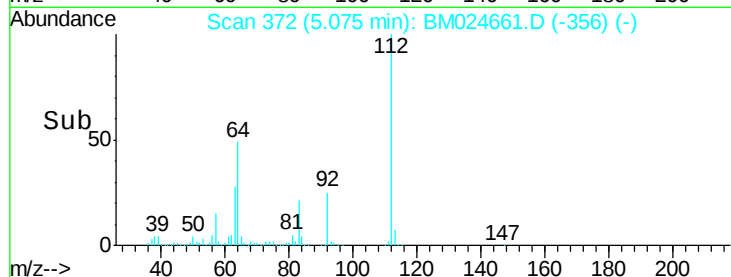
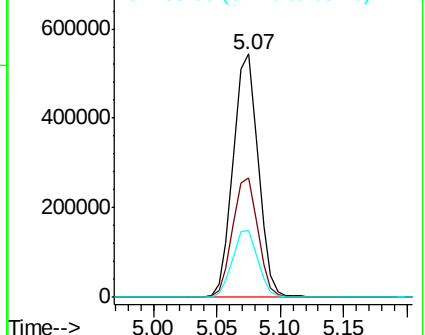
63 27.5 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 33.850 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

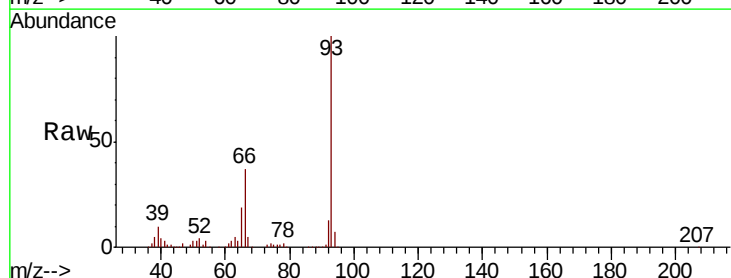
Tgt Ion: 93 Resp: 481071

Ion Ratio Lower Upper

93 100

66 37.3 31.8 47.8

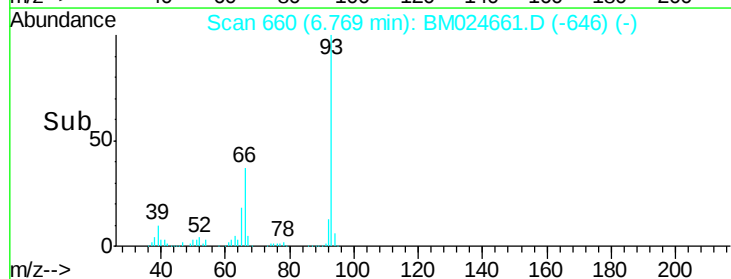
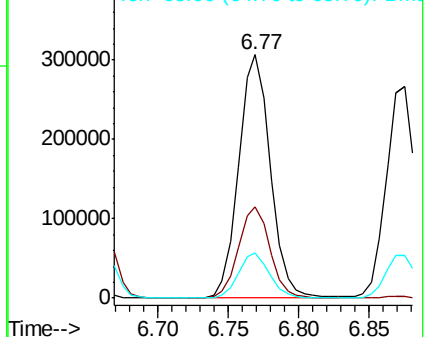
65 18.8 15.8 23.6

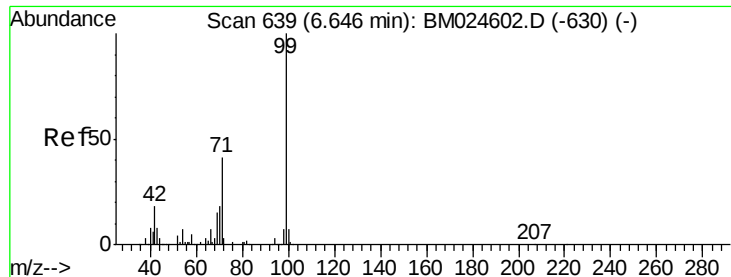


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.681 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

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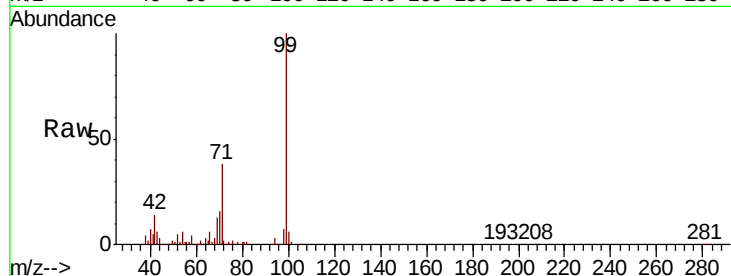
Tot Ion: 99 Resp: 918539

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

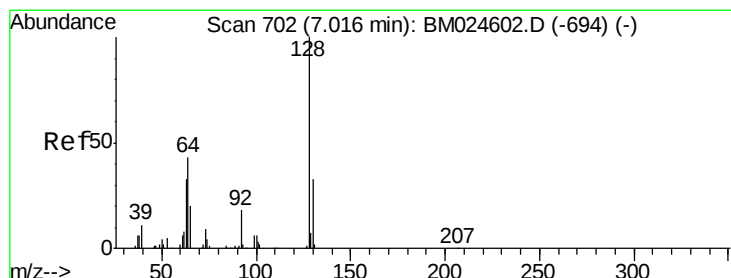
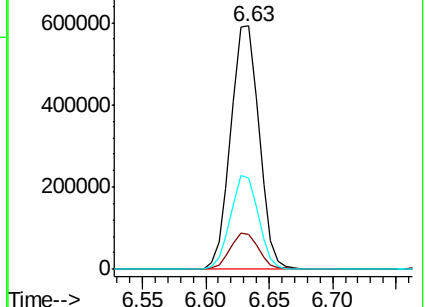
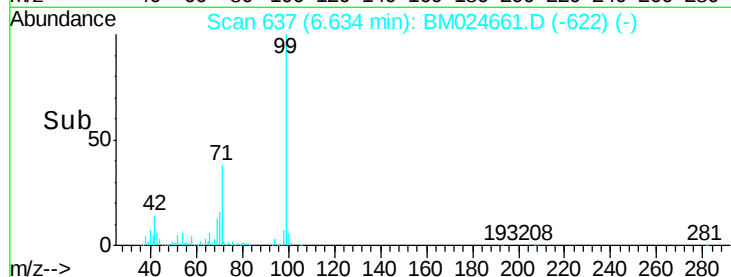
71 37.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024661.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024661.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024661.D (-622) (-)



#8

2-Chlorophenol

Concen: 47.935 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

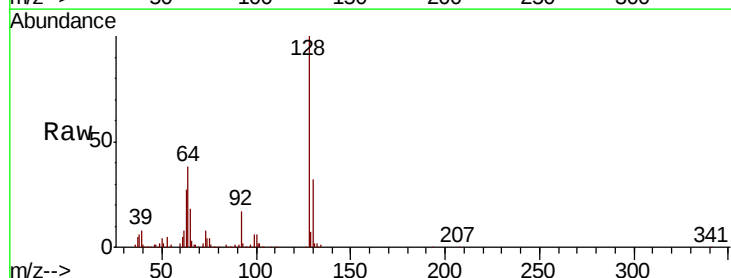
Tgt Ion: 128 Resp: 462432

Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

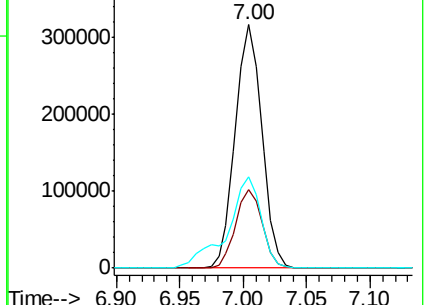
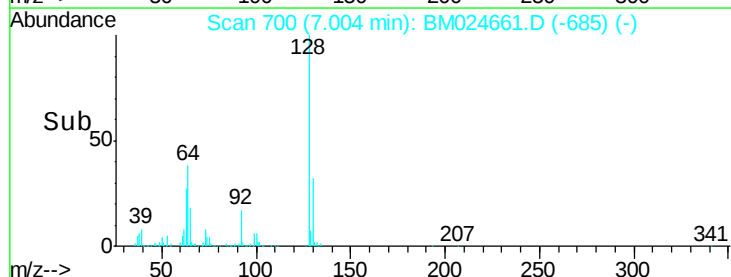
64 37.6 26.1 66.1

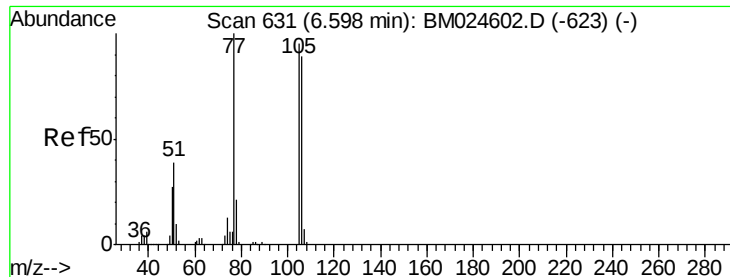


Abundance Ion 128.00 (127.70 to 128.70): BM024661.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024661.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024661.D (-685) (-)





#9

Benzaldehyde

Concen: 31.261 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.02 min

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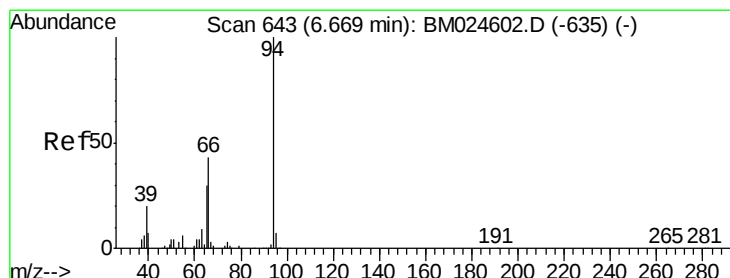
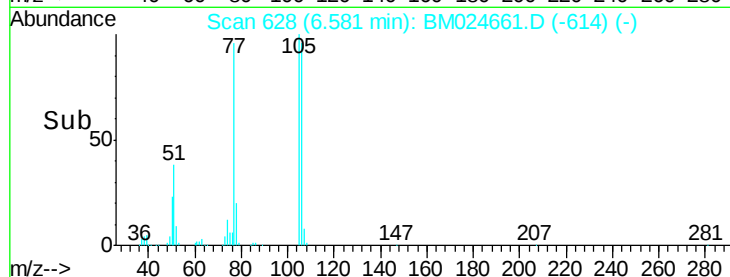
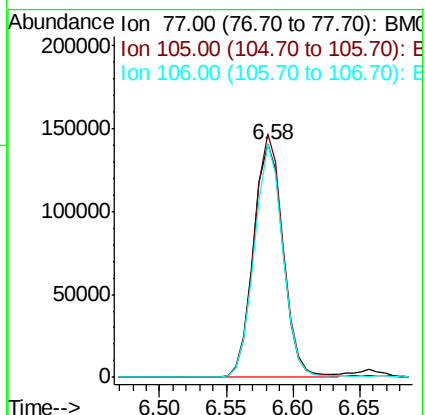
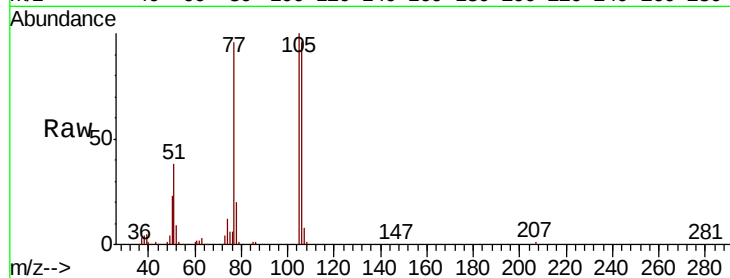
Tot Ion: 77 Resp: 215639

Ion Ratio Lower Upper

77 100

105 104.4 75.2 115.2

106 100.0 68.6 108.6



#10

Phenol

Concen: 44.302 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

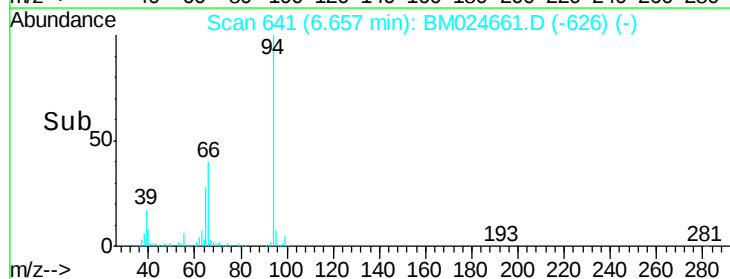
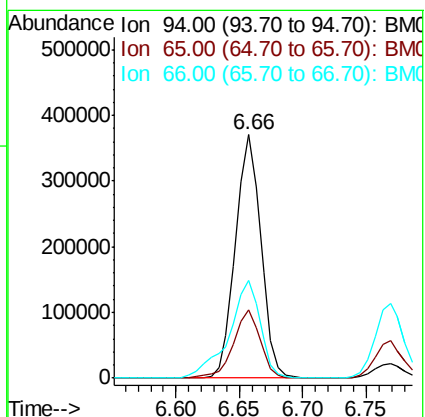
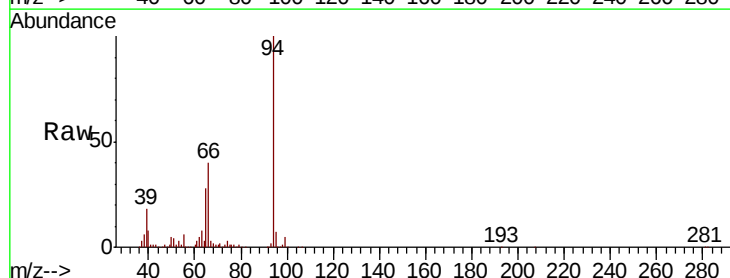
Tgt Ion: 94 Resp: 515541

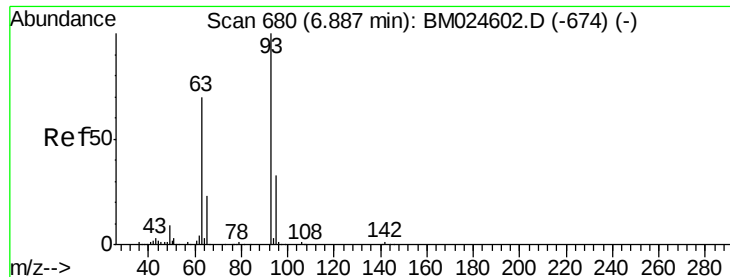
Ion Ratio Lower Upper

94 100

65 28.3 10.3 50.3

66 39.9 24.8 64.8

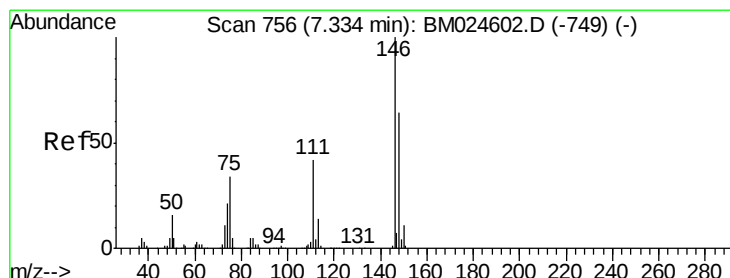
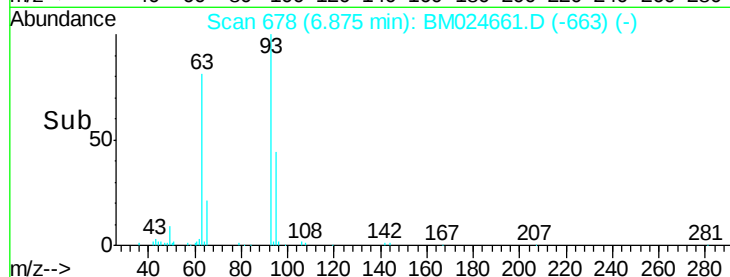
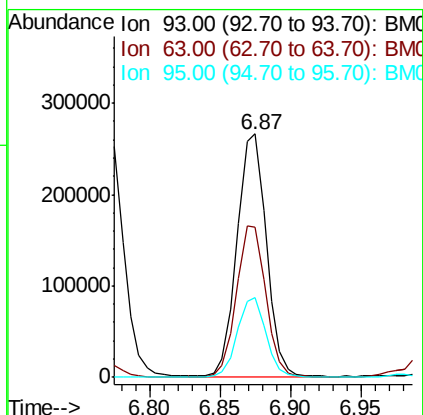
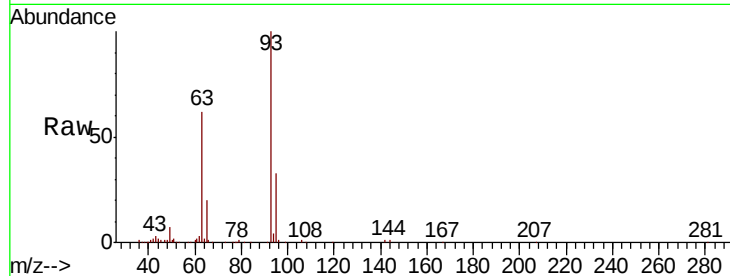




#11
bis(2-Chloroethyl)ether
Concen: 41.198 ng
RT: 6.87 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

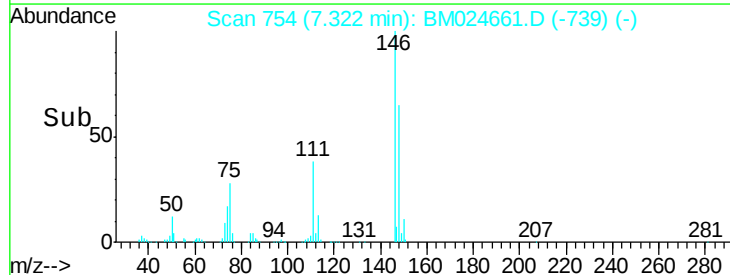
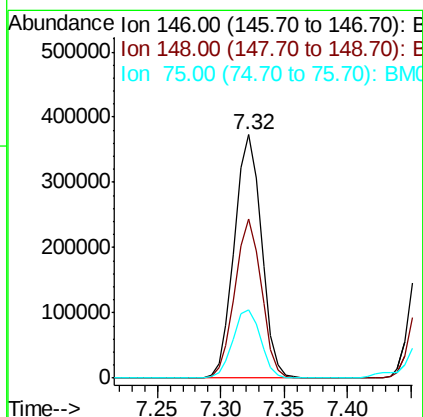
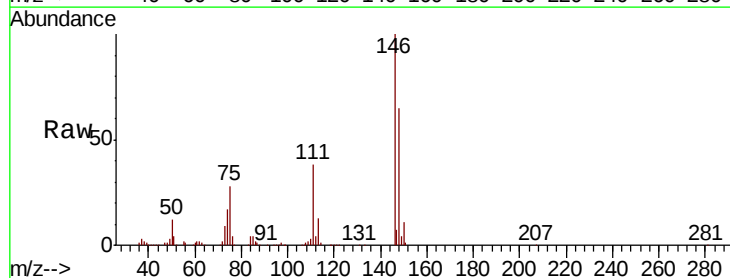
Instrument :
BNA_M
ClientSampleId :

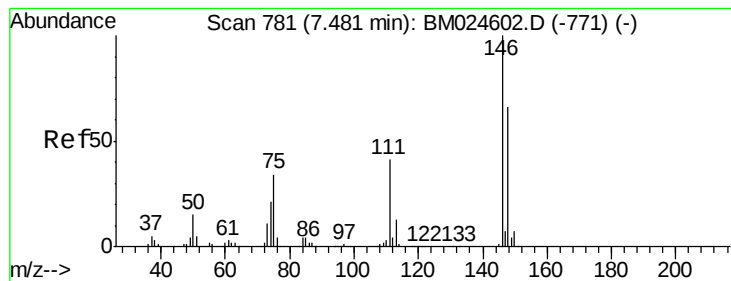
Tot Ion	Ratio	Lower	Upper
93	100		
63	61.8	49.6	89.6
95	32.9	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 46.821 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
75	27.9	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 46.795 ng

RT: 7.46 min Scan# 778

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampled :

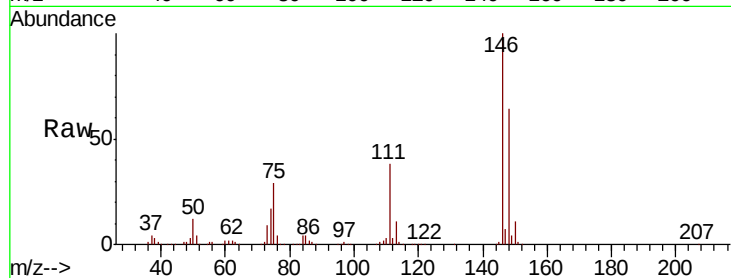
Tot Ion:146 Resp: 562631

Ion Ratio Lower Upper

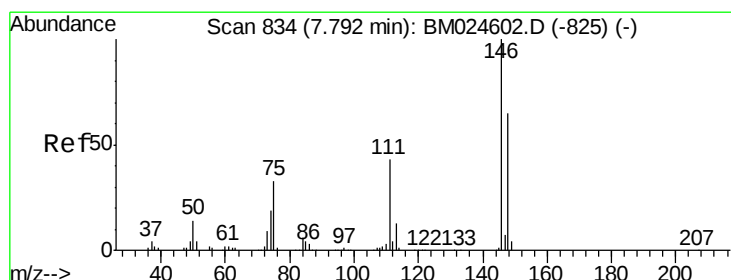
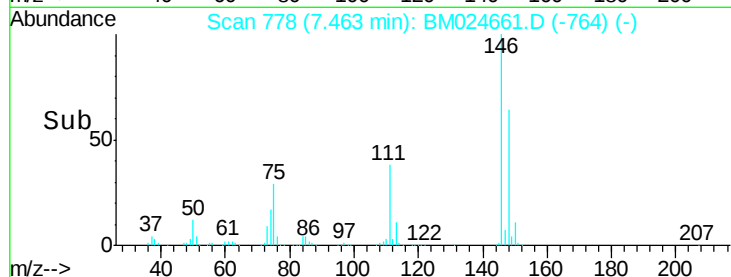
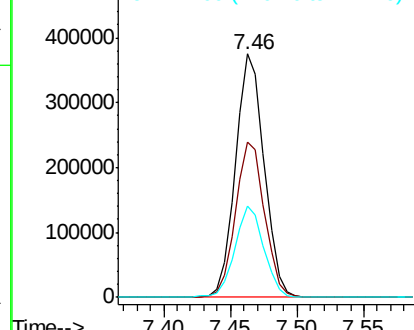
146 100

148 64.0 52.5 78.7

111 37.6 33.0 49.4



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



#14

1,2-Dichlorobenzene

Concen: 46.166 ng

RT: 7.77 min Scan# 831

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

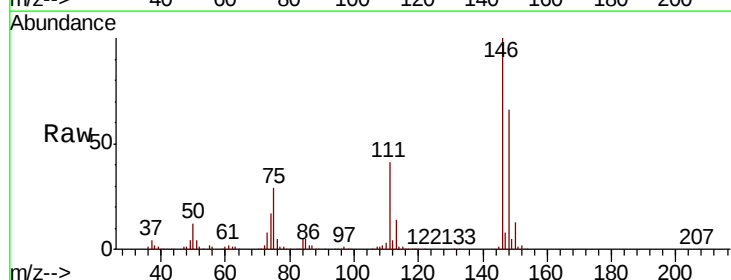
Tgt Ion:146 Resp: 535792

Ion Ratio Lower Upper

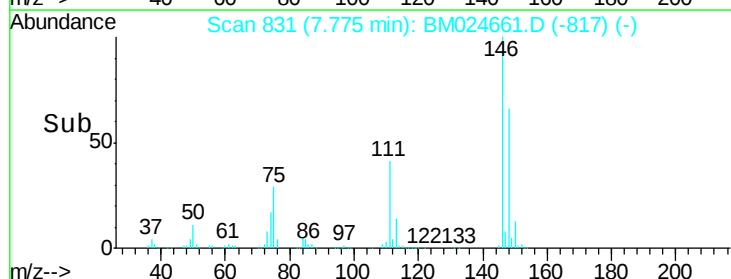
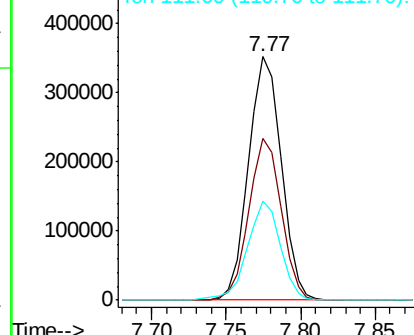
146 100

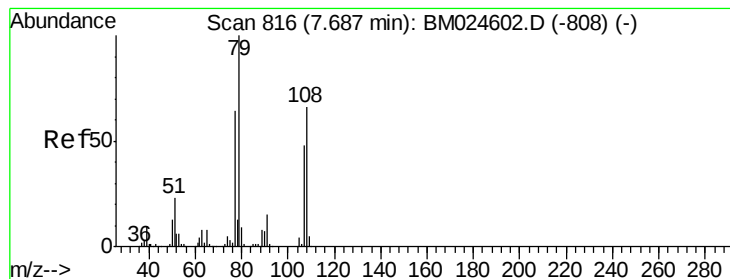
148 66.4 51.9 77.9

111 40.6 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 38.616 ng

RT: 7.67 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

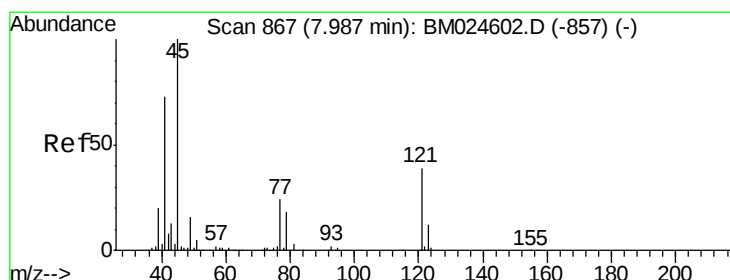
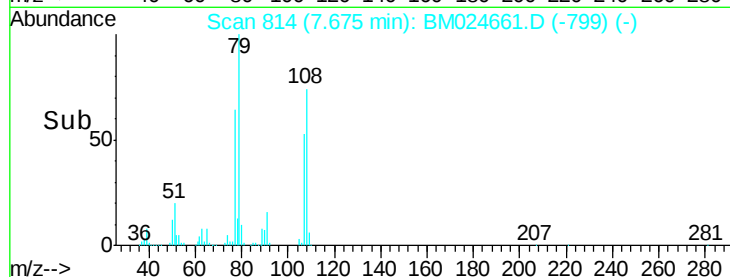
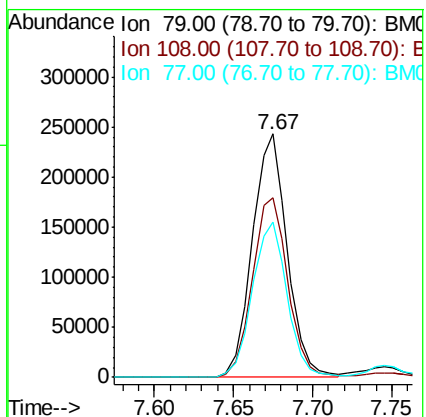
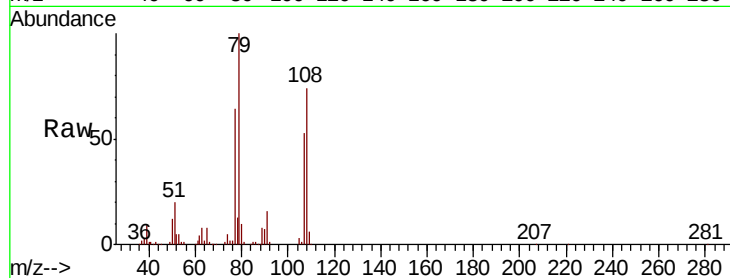
Tot Ion: 79 Resp: 371684

Ion Ratio Lower Upper

79 100

108 73.7 53.0 79.4

77 63.9 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.174 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

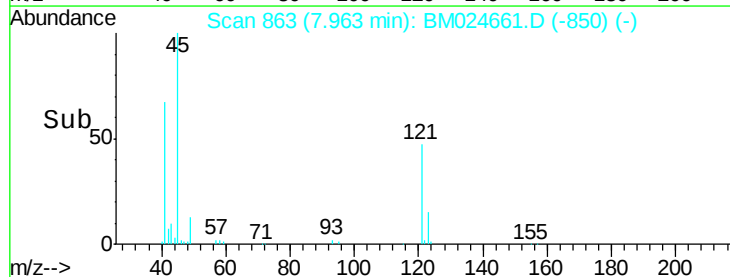
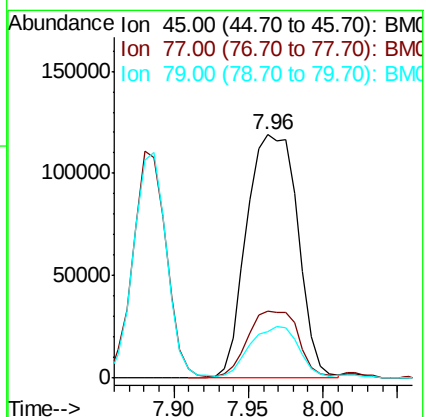
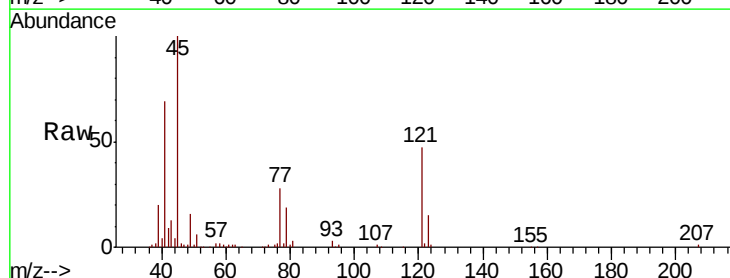
Tgt Ion: 45 Resp: 282917

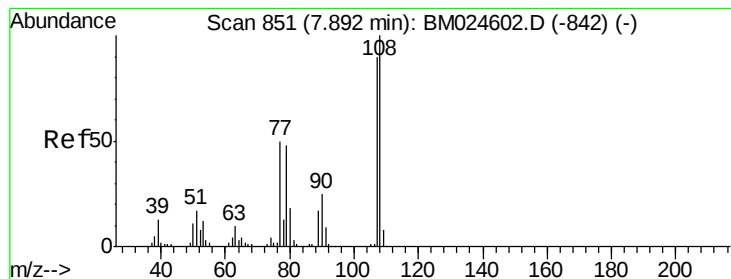
Ion Ratio Lower Upper

45 100

77 27.5 5.2 45.2

79 19.3 0.0 39.4

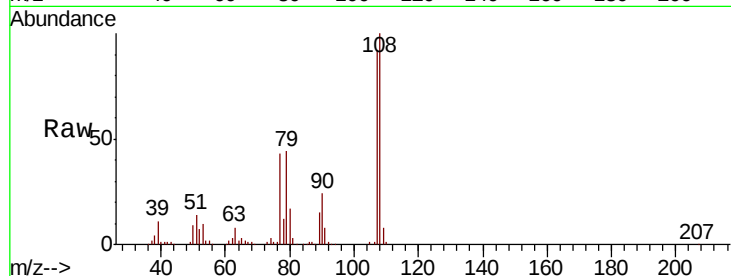




#17
2-Methylphenol
Concen: 43.175 ng
RT: 7.89 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	354056
Ion	Ratio	Lower	Upper
107	100		
108	108.8	88.9	133.3
77	46.6	44.5	66.7
79	47.5	42.9	64.3



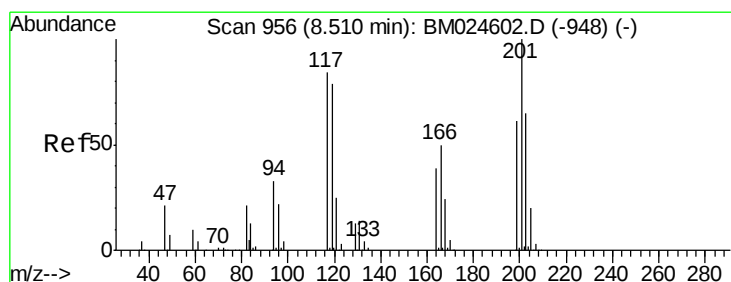
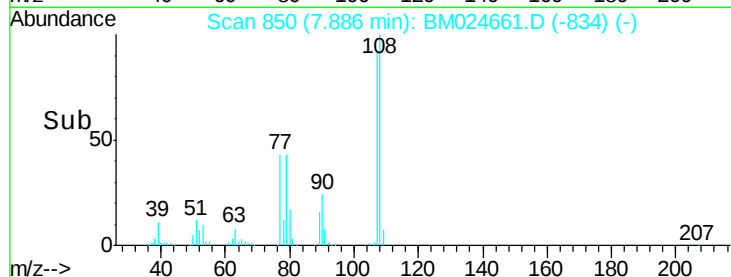
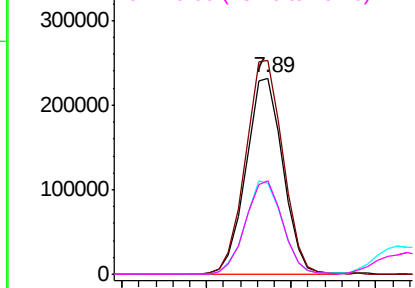
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

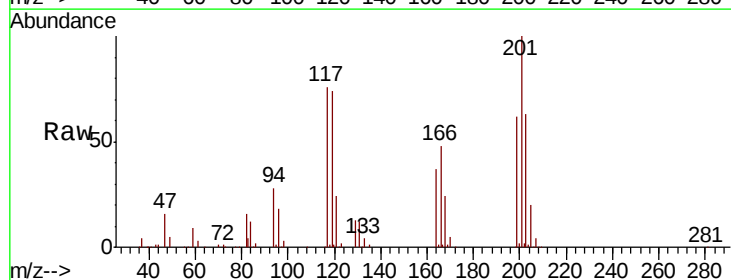
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 41.430 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:	117	Resp:	192354
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.4	113.2
201	131.0	95.8	143.6

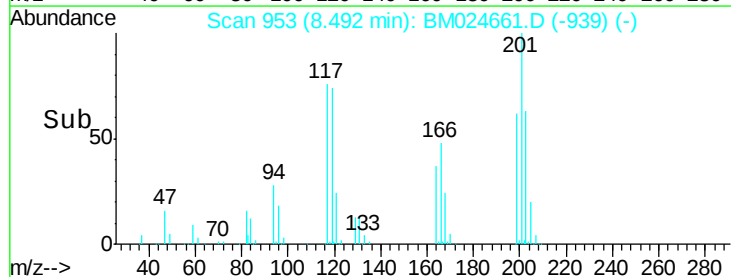
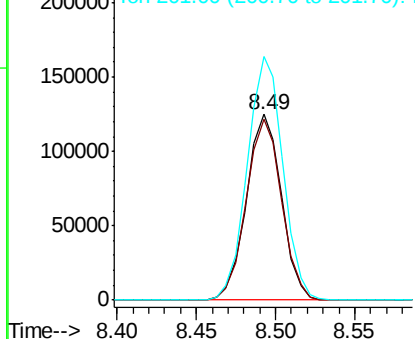


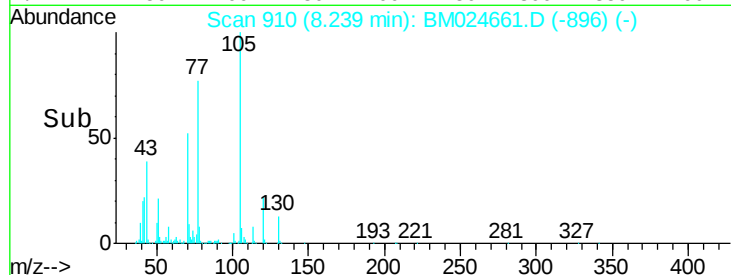
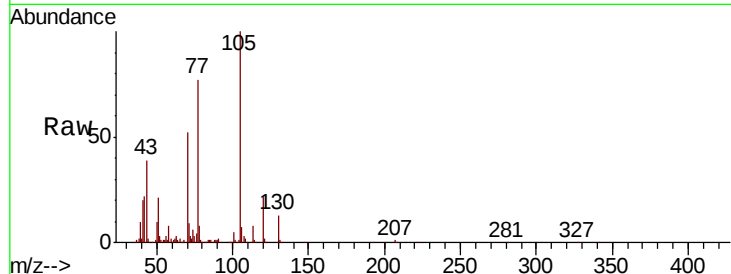
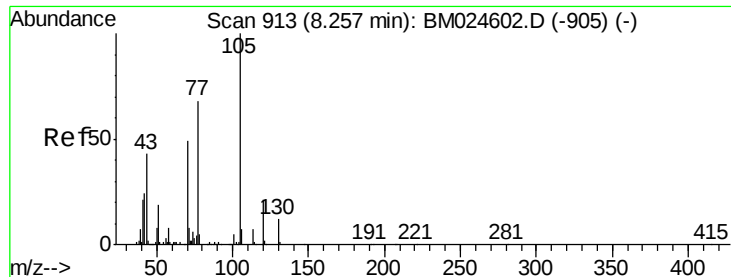
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

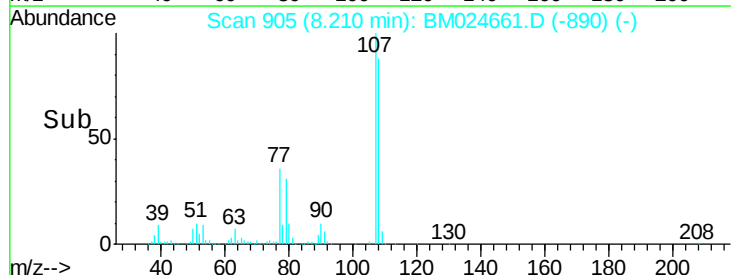
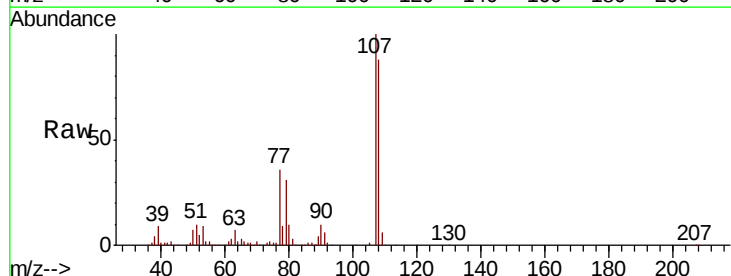
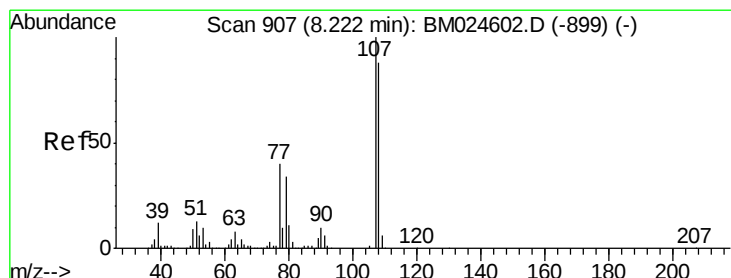
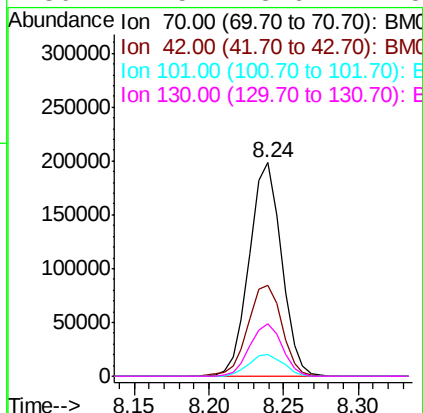




#19
n-Nitroso-di-n-propylamine
Concen: 33.815 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

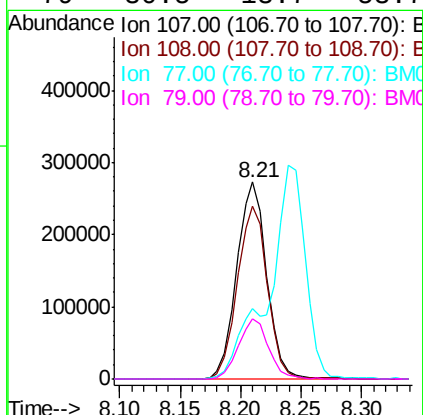
Instrument :
BNA_M
ClientSampleId :

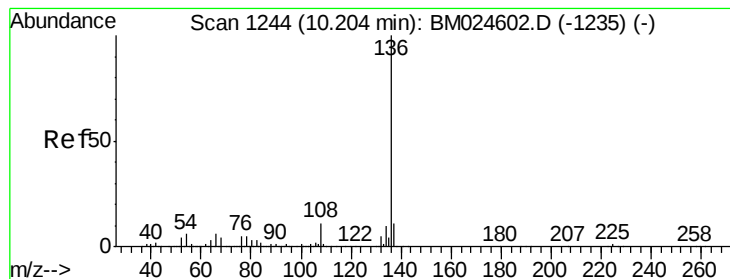
Tot Ion	70	Resp	296394
Ion	Ratio	Lower	Upper
70	100		
42	42.6	40.0	60.0
101	10.4	8.2	12.2
130	24.5	18.6	27.8



#20
3+4-Methylphenols
Concen: 41.463 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	107	Resp	470678
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.0	108.0
77	35.6	19.9	59.9
79	30.5	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 563993

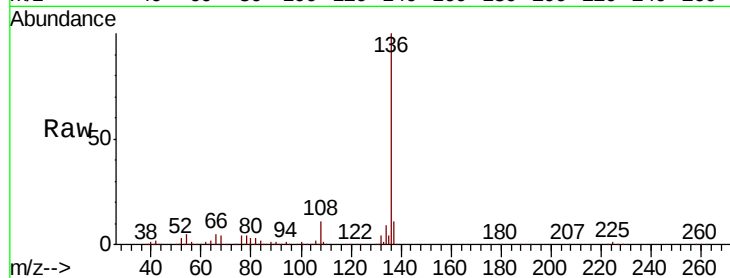
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 4.8 4.5 6.7

68 4.0 3.4 5.0

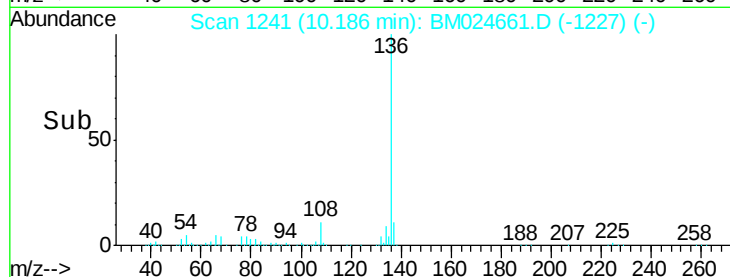


Abundance Ion 136.00 (135.70 to 136.70): E

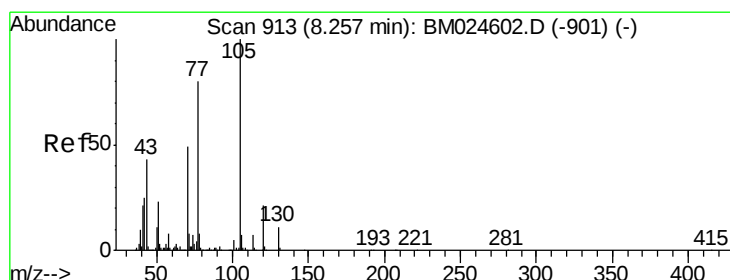
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time--> 10.10 10.20



#22

Acetophenone

Concen: 42.439 ng

RT: 8.24 min Scan# 910

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:105 Resp: 617183

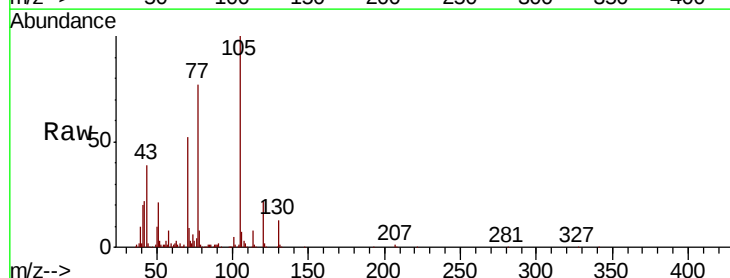
Ion Ratio Lower Upper

105 100

71 8.7 6.7 10.1

51 21.4 18.5 27.7

120 22.3 16.6 25.0

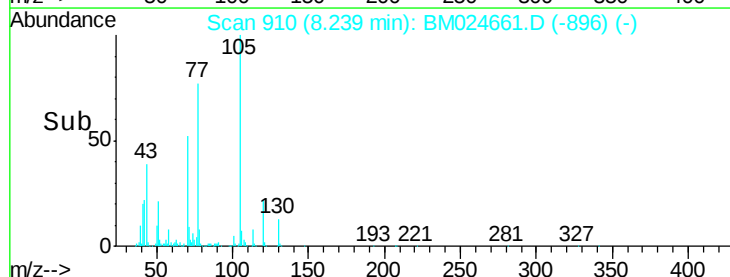


Abundance Ion 105.00 (104.70 to 105.70): E

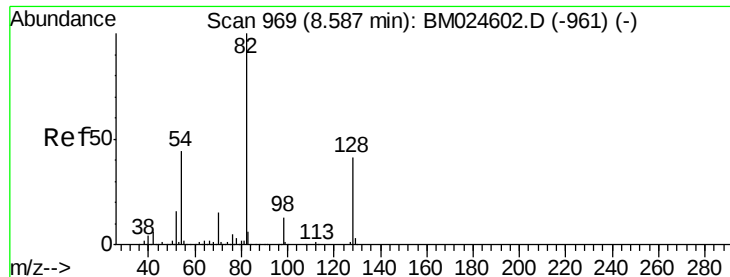
Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



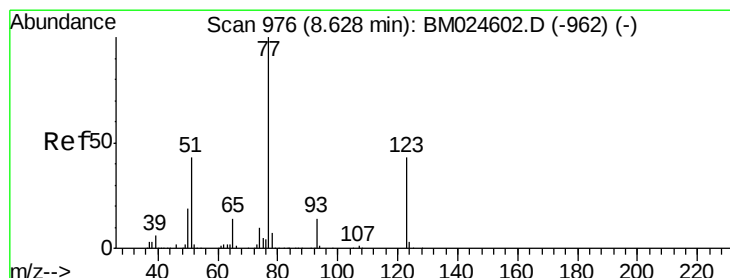
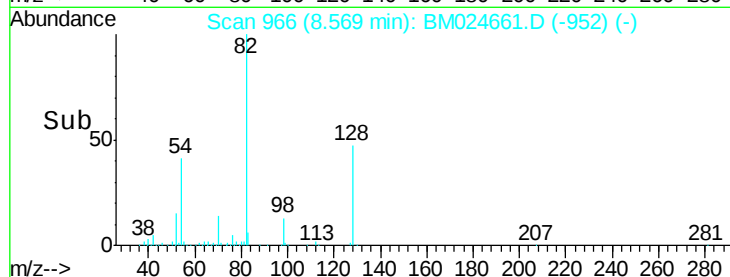
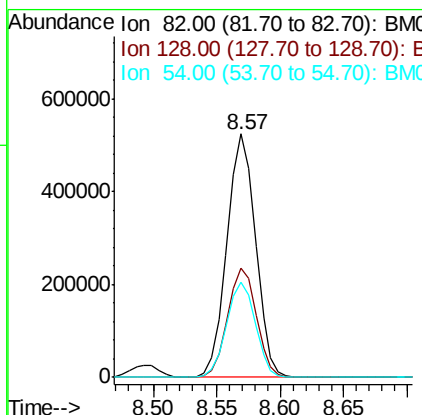
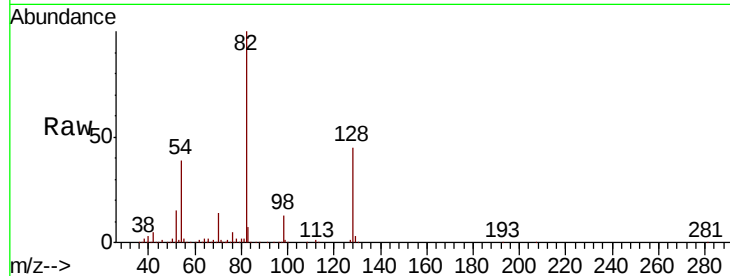
Time--> 8.10 8.20 8.30



#23
 Nitrobenzene-d5
 Concen: 71.197 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

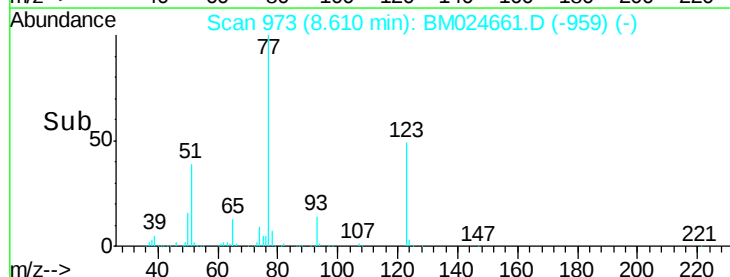
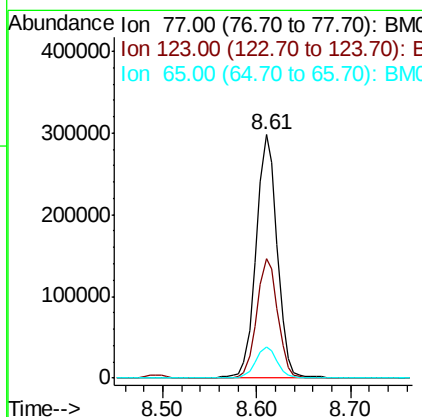
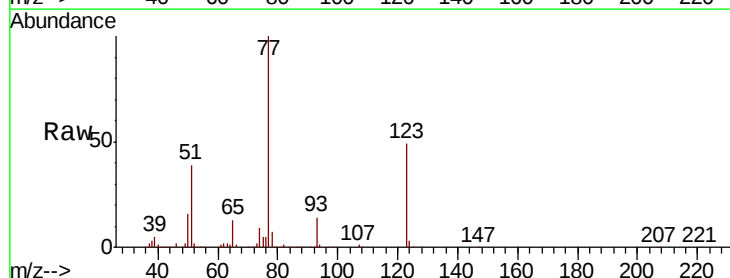
Instrument :
 BNA_M
 ClientSampleId :

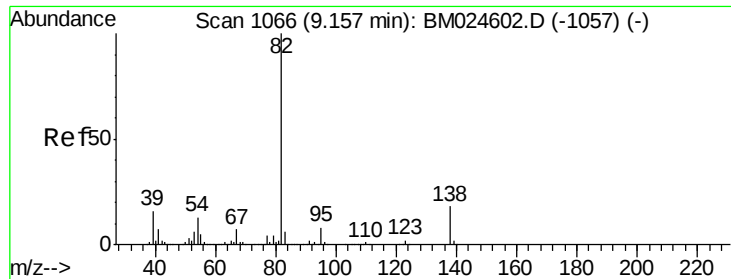
Tot Ion: 82 Resp: 818791
 Ion Ratio Lower Upper
 82 100
 128 45.1 32.6 48.8
 54 39.0 34.8 52.2



#24
 Nitrobenzene
 Concen: 41.815 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion: 77 Resp: 460832
 Ion Ratio Lower Upper
 77 100
 123 49.3 34.6 52.0
 65 12.7 11.0 16.4

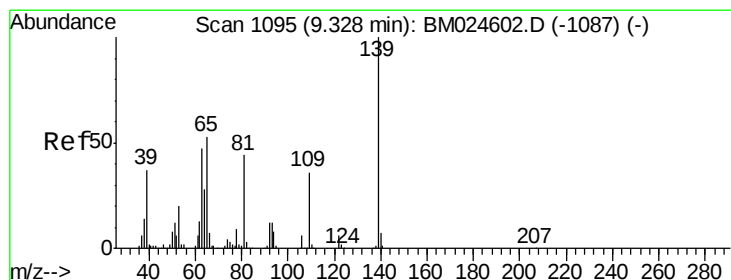
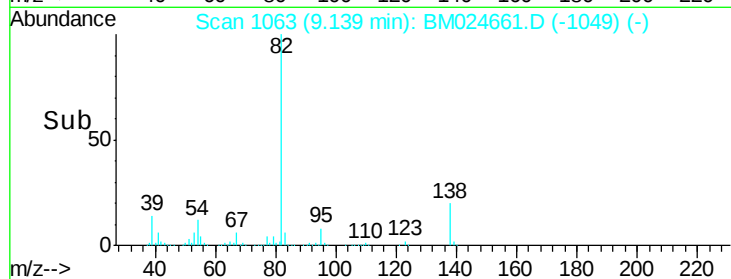
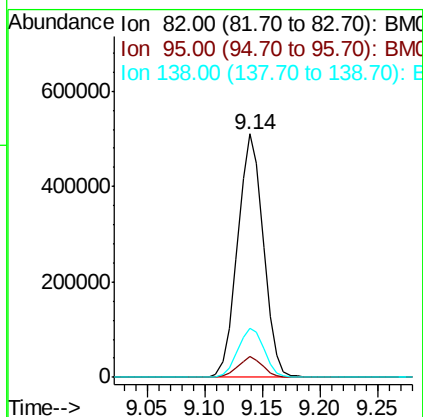
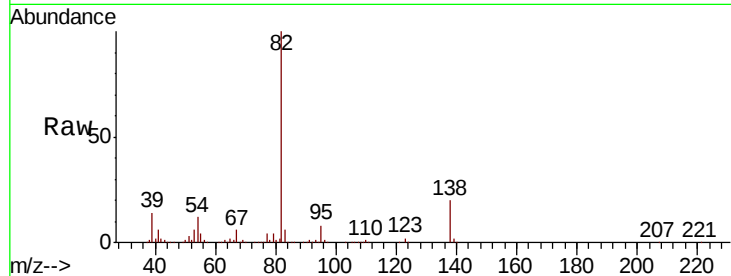




#25
Isophorone
Concen: 40.380 ng
RT: 9.14 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

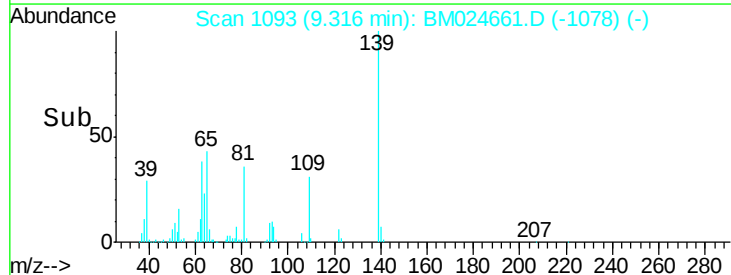
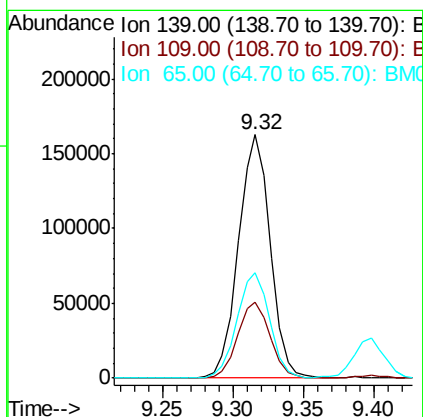
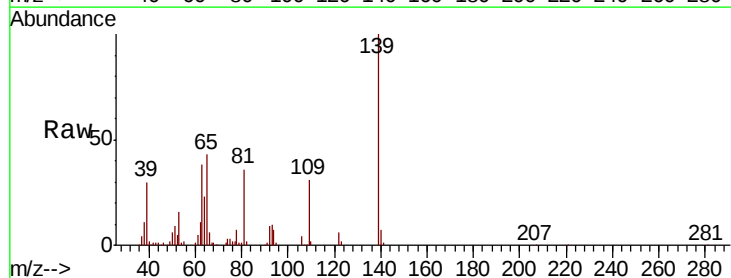
Instrument :
BNA_M
ClientSampleId :

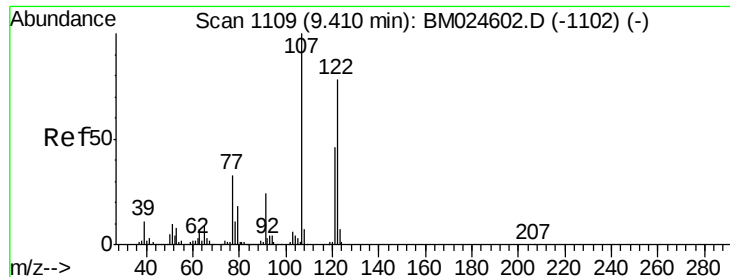
Tot Ion	82	Resp	789048
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.7	10.1
138	20.1	14.7	22.1



#26
2-Nitrophenol
Concen: 49.991 ng
RT: 9.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	139	Resp	255111
Ion Ratio	Lower	Upper	
139	100		
109	31.2	28.8	43.2
65	43.2	42.6	63.8

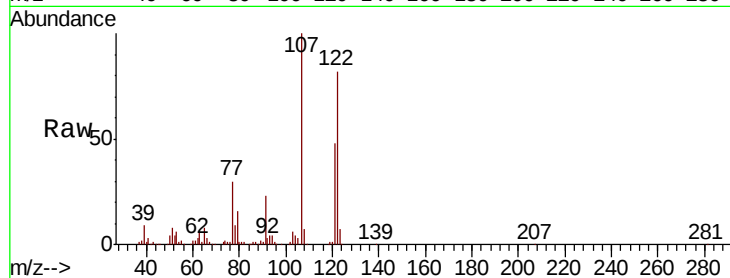




#27
 2,4-Dimethylphenol
 Concen: 56.416 ng
 RT: 9.40 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	102.5	153.7
121	58.6	47.0	70.4

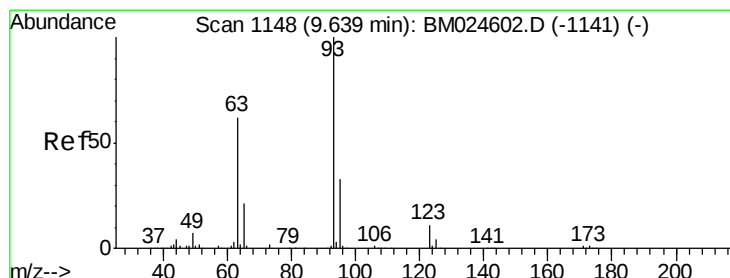
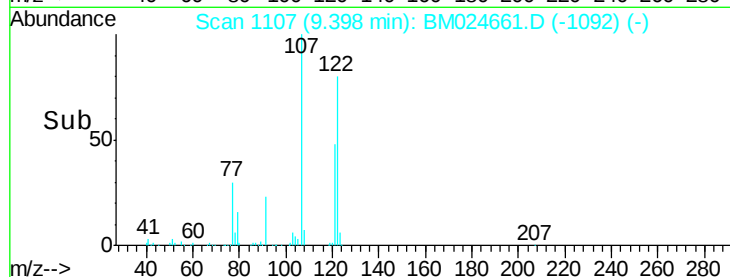
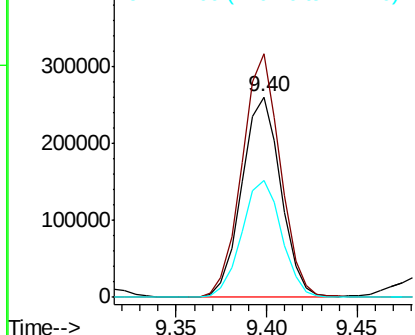


Abundance

Ion 122.00 (121.70 to 122.70): E

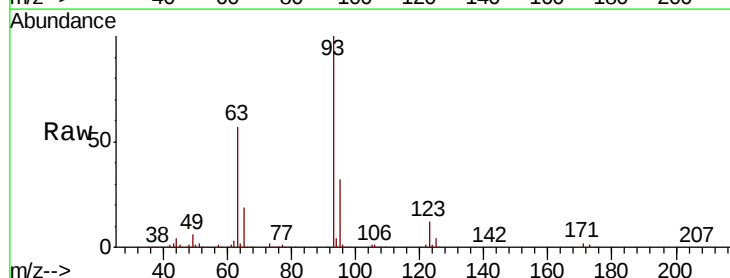
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.342 ng
 RT: 9.63 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.1	39.1
123	12.2	8.7	13.1

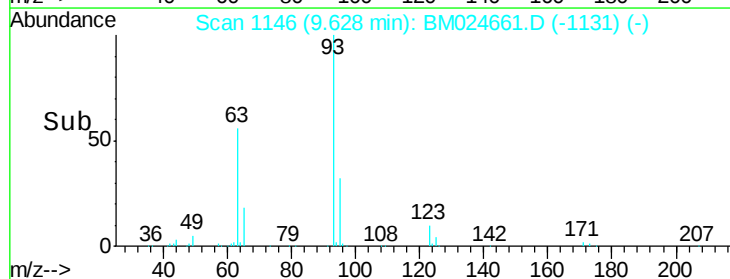
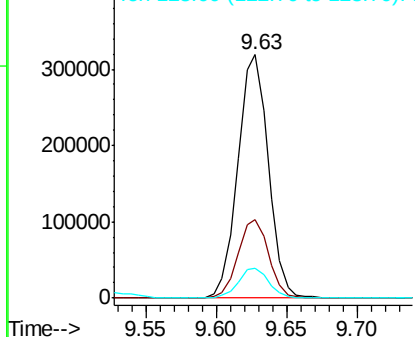


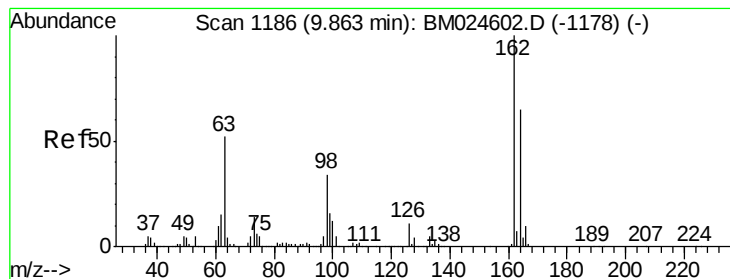
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.751 ng

RT: 9.85 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

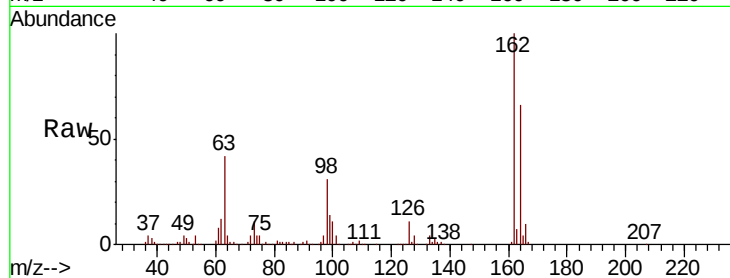
Tot Ion:162 Resp: 466109

Ion Ratio Lower Upper

162 100

164 65.5 44.5 84.5

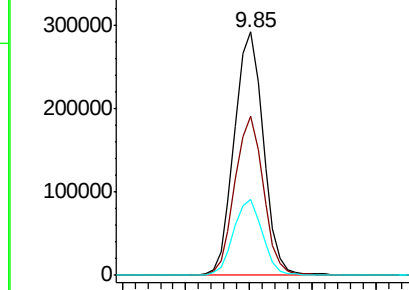
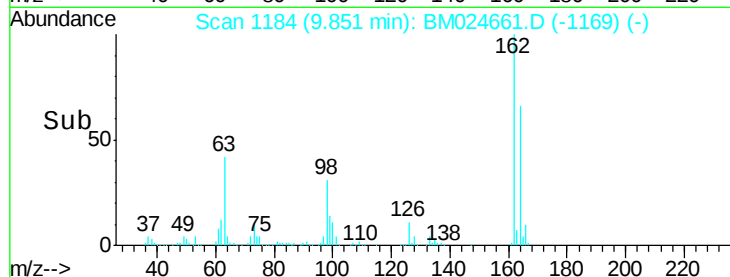
98 31.3 14.2 54.2



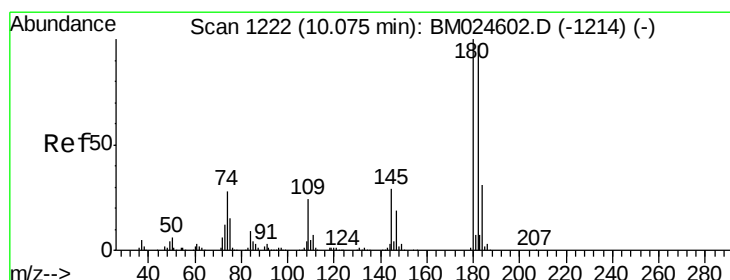
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 48.782 ng

RT: 10.06 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

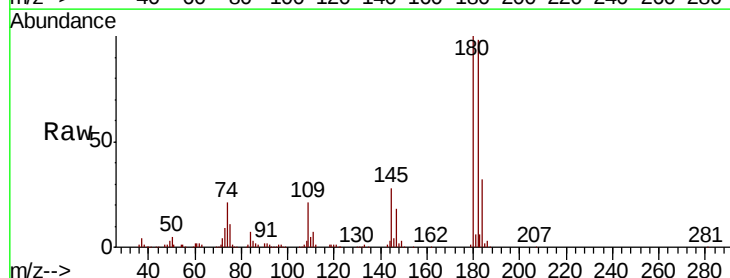
Tgt Ion:180 Resp: 551210

Ion Ratio Lower Upper

180 100

182 98.5 77.8 116.6

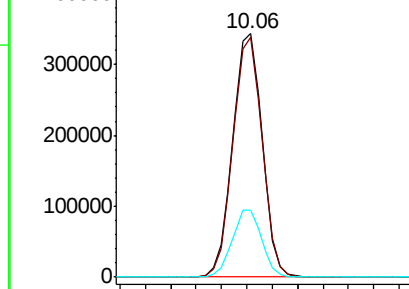
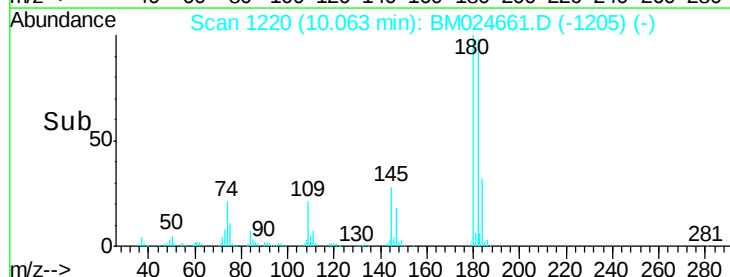
145 27.7 22.9 34.3



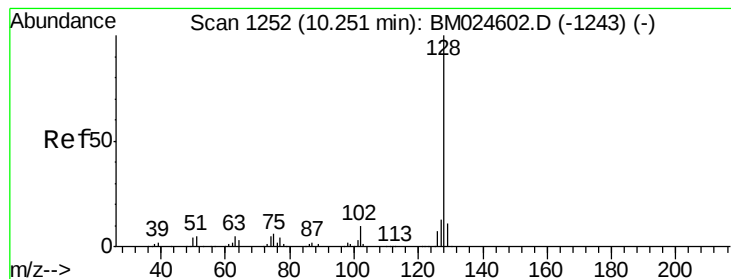
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



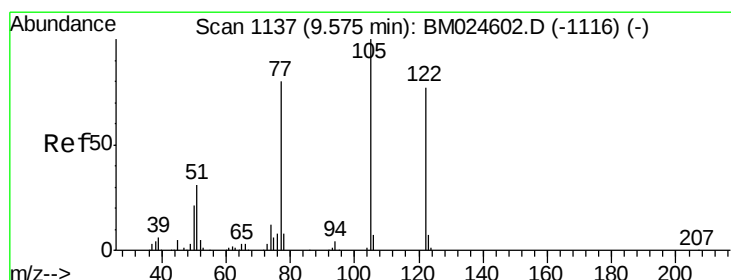
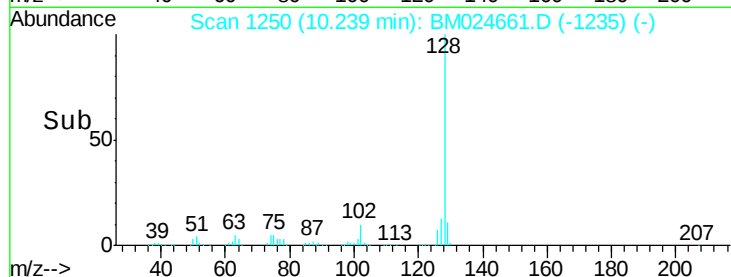
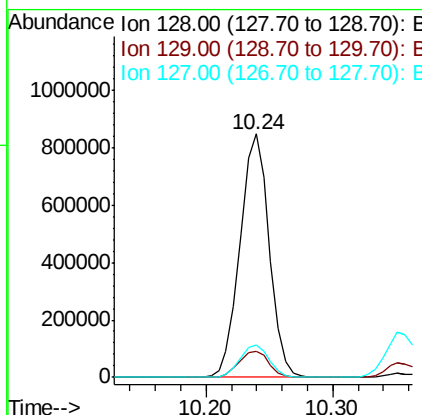
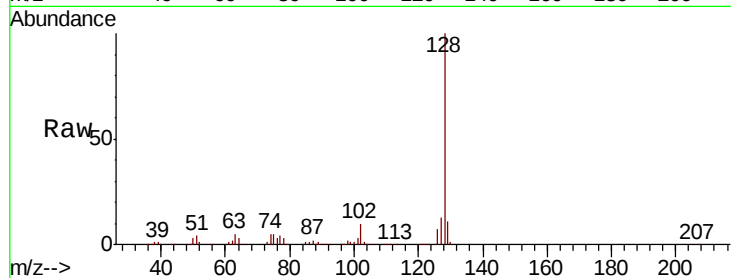
Time-->



#31
Naphthalene
Concen: 47.420 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

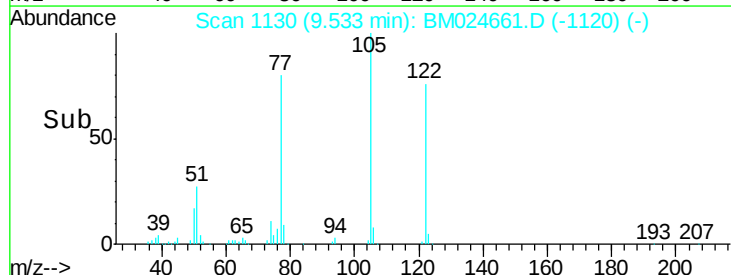
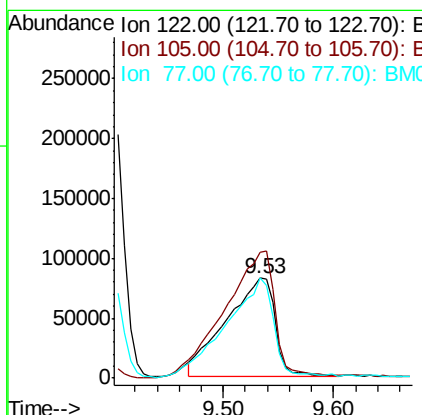
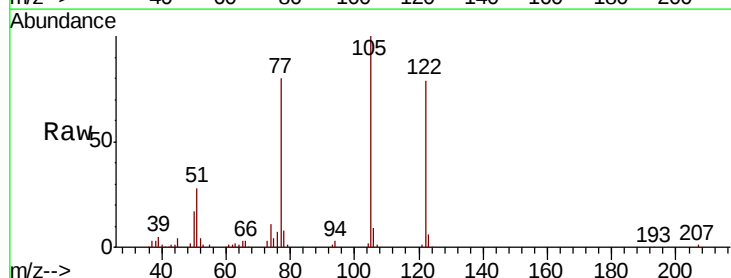
Instrument :
BNA_M
ClientSampled :

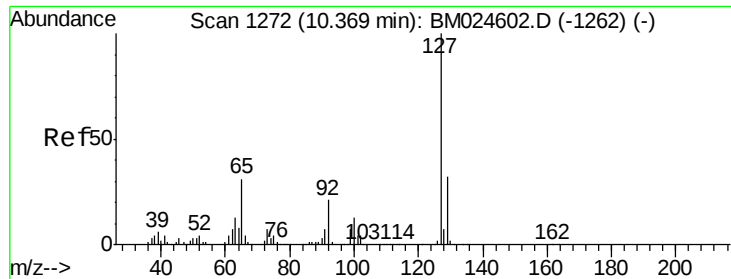
Tot Ion:128 Resp: 1350802
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 39.615 ng
RT: 9.53 min Scan# 1130
Delta R.T. -0.04 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:122 Resp: 251301
Ion Ratio Lower Upper
122 100
105 126.3 107.7 147.7
77 100.5 83.8 123.8

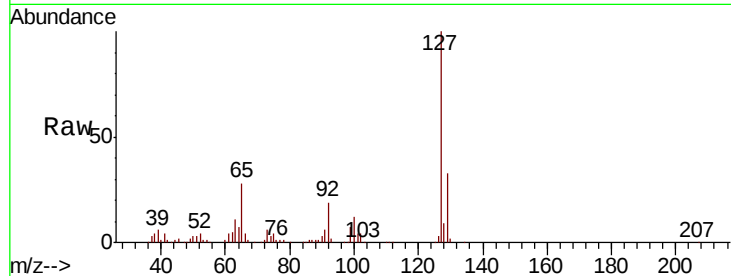




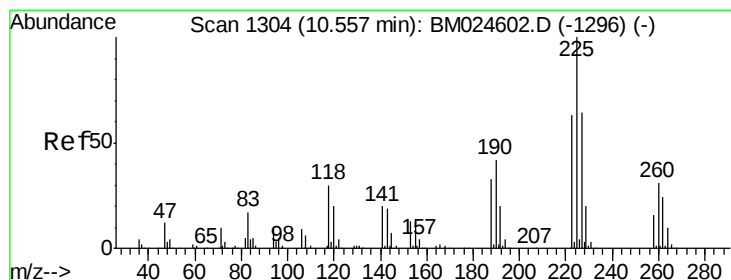
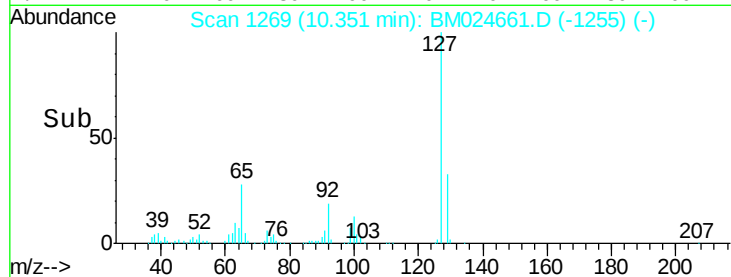
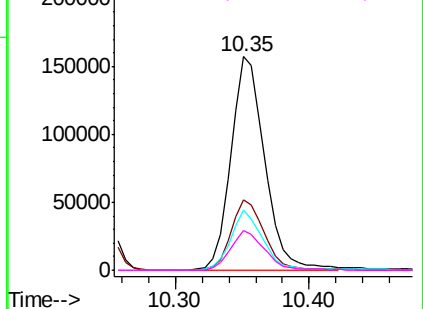
#33
4-Chloroaniline
Concen: 22.182 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	276970
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	27.9	25.1	37.7
92	18.8	16.6	25.0

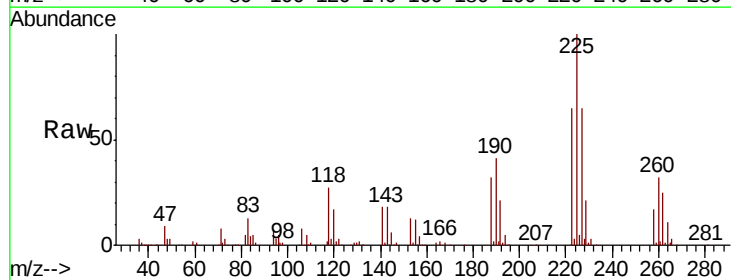


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

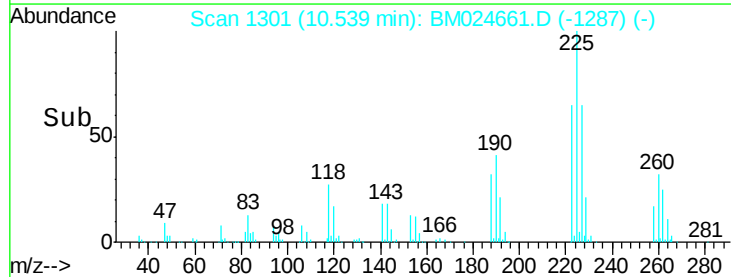
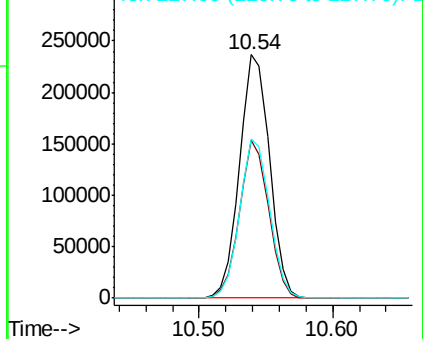


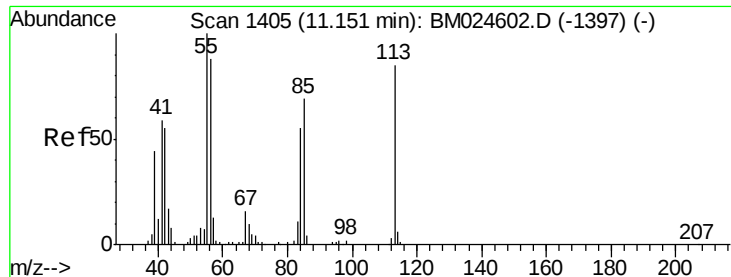
#34
Hexachlorobutadiene
Concen: 47.133 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:	225	Resp:	368157
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.7	76.1
227	65.2	51.4	77.0



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

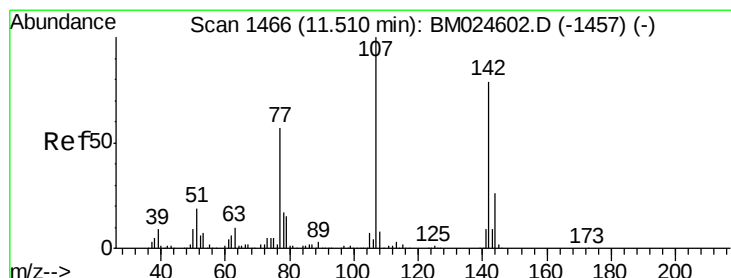
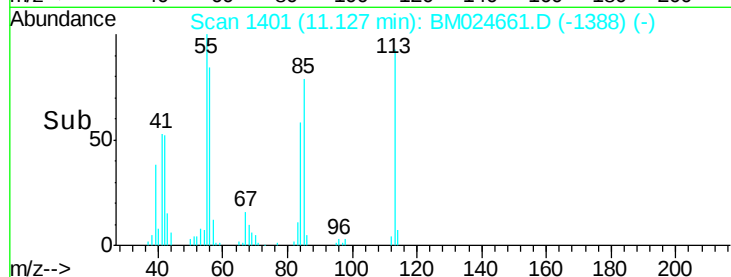
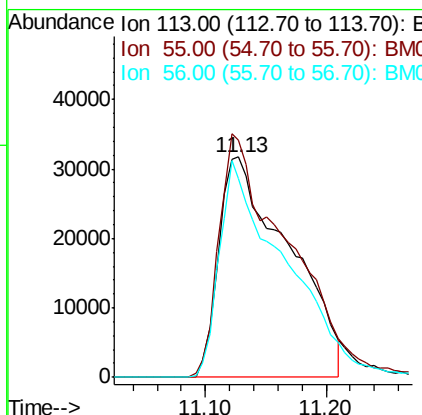
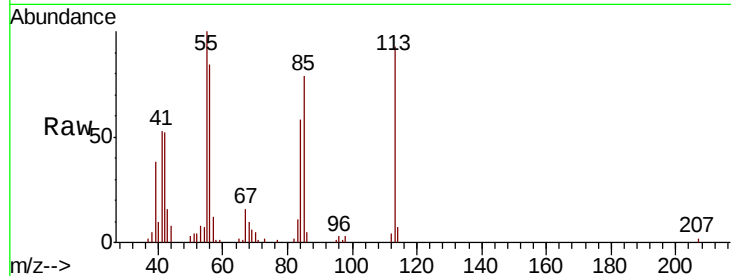




#35
Caprolactam
Concen: 42.253 ng
RT: 11.13 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

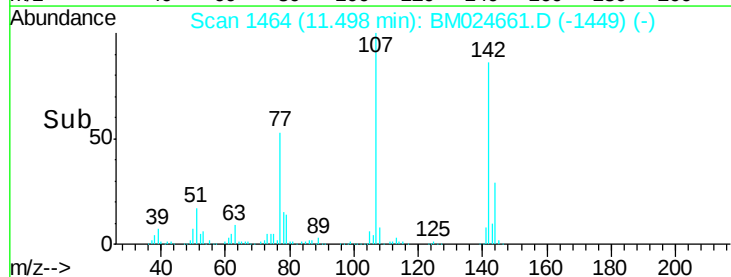
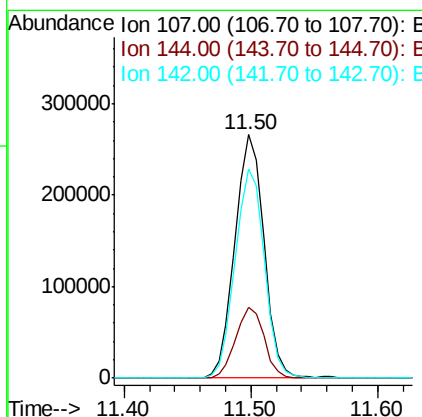
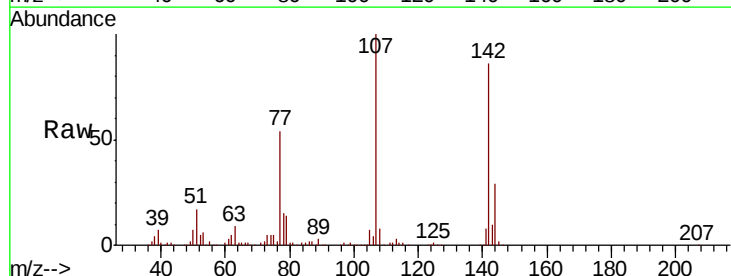
Instrument :
BNA_M
ClientSampleId :

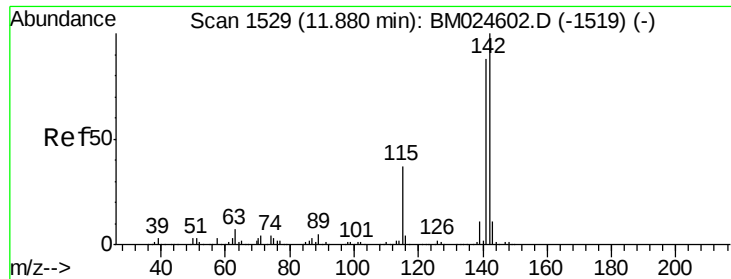
Tot Ion:113 Resp: 127004
Ion Ratio Lower Upper
113 100
55 107.6 97.5 137.5
56 90.3 83.4 123.4



#36
4-Chloro-3-methylphenol
Concen: 42.610 ng
RT: 11.50 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:107 Resp: 424492
Ion Ratio Lower Upper
107 100
144 28.9 20.5 30.7
142 86.1 62.8 94.2

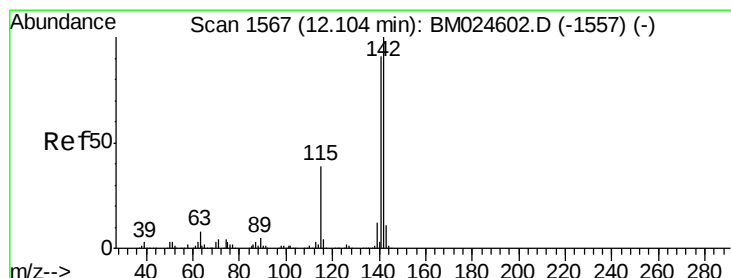
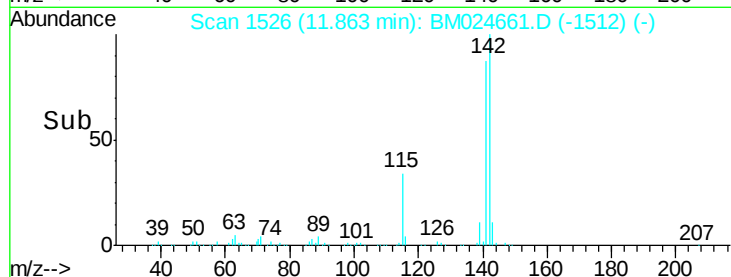
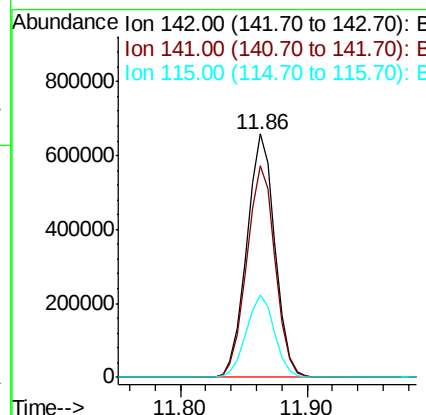
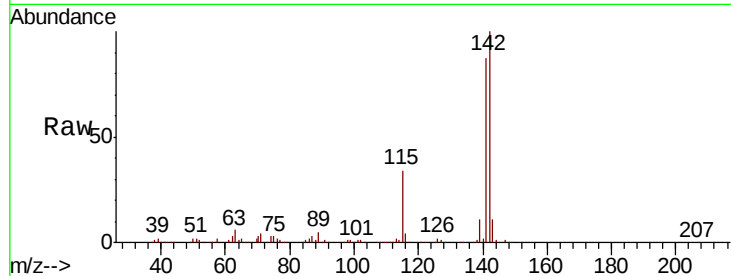




#37
 2-Methylnaphthalene
 Concen: 46.112 ng
 RT: 11.86 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

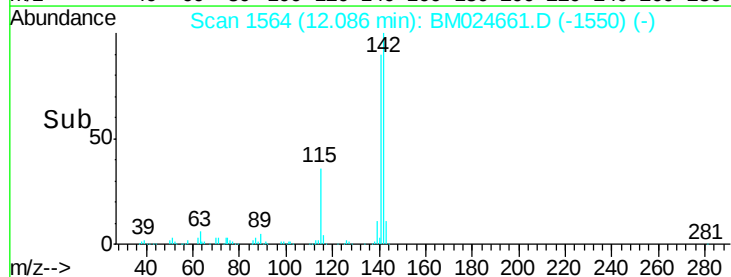
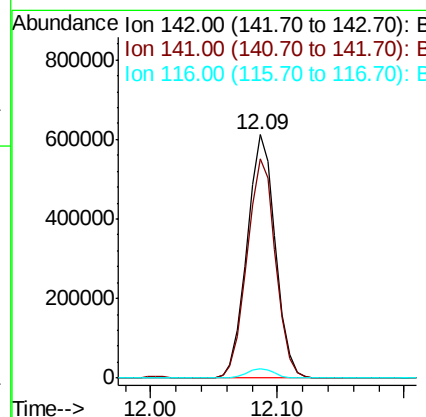
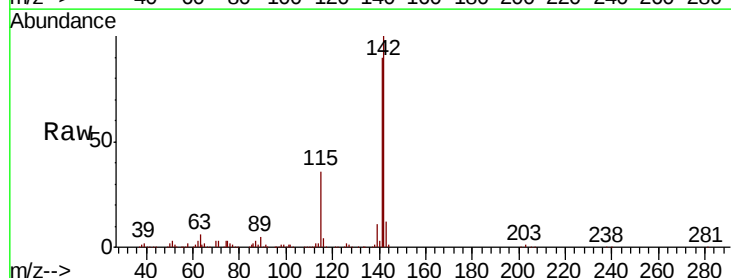
Instrument :
 BNA_M
 ClientSampleId :

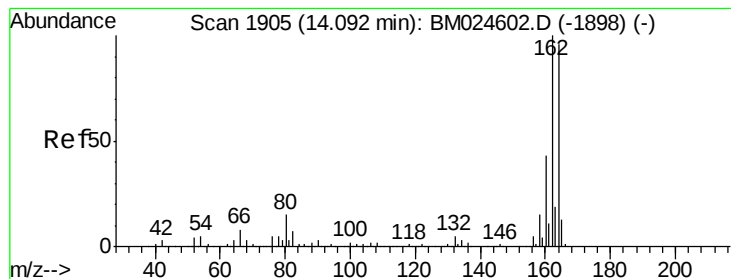
Tot Ion:142 Resp: 1013678
 Ion Ratio Lower Upper
 142 100
 141 87.0 70.2 105.2
 115 33.6 29.7 44.5



#38
 1-Methylnaphthalene
 Concen: 45.333 ng
 RT: 12.09 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion:142 Resp: 947957
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.8 109.2
 116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

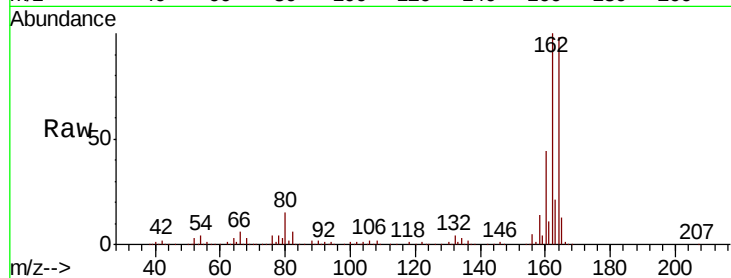
Tot Ion:164 Resp: 367098

Ion Ratio Lower Upper

164 100

162 102.2 82.9 124.3

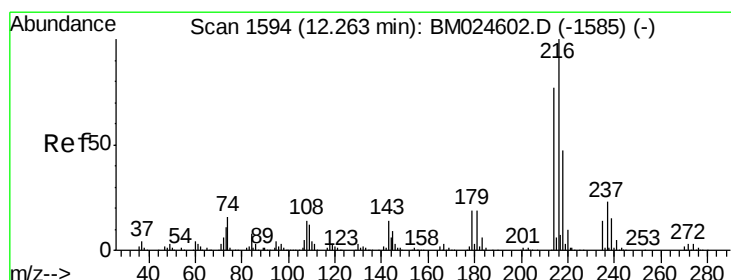
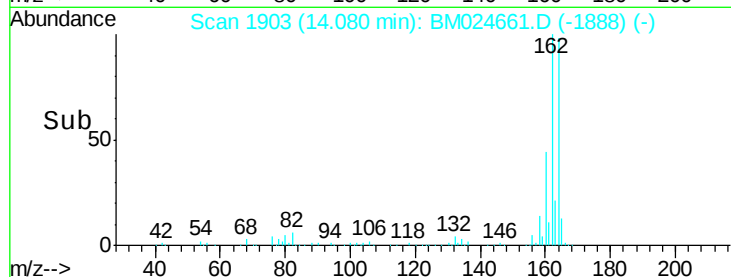
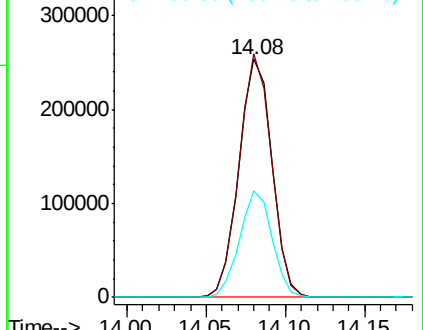
160 44.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.504 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:216 Resp: 622386

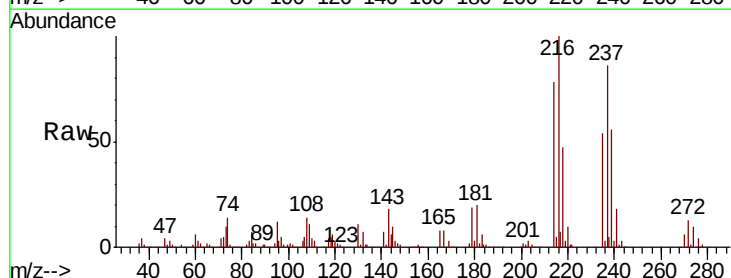
Ion Ratio Lower Upper

216 100

214 77.8 62.3 93.5

179 19.7 16.1 24.1

108 15.4 13.0 19.6

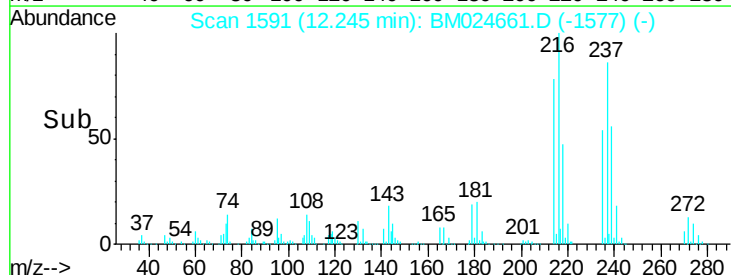
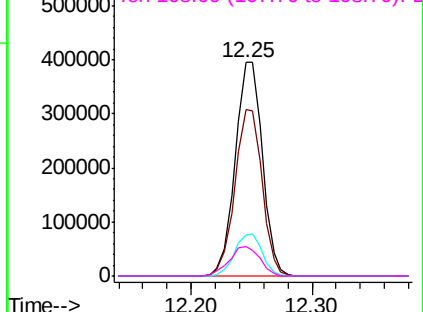


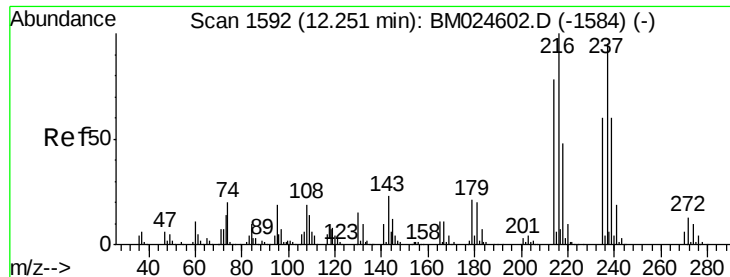
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 113.124 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

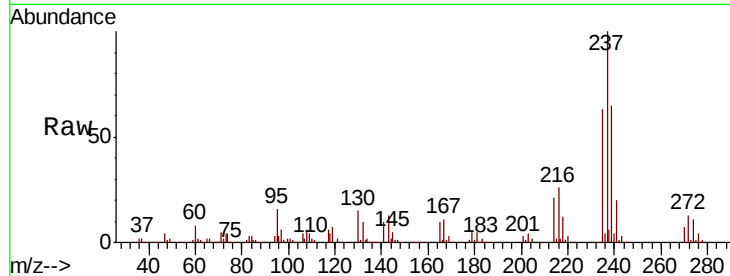
Tot Ion:237 Resp: 830753

Ion Ratio Lower Upper

237 100

235 62.8 43.3 83.3

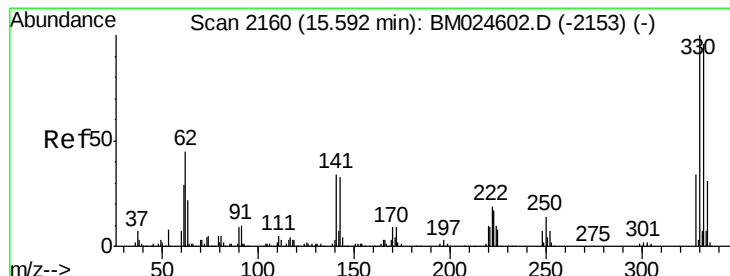
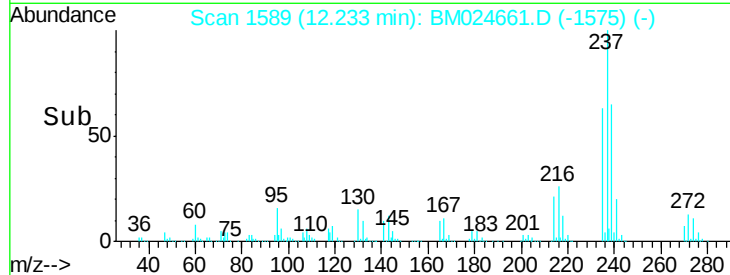
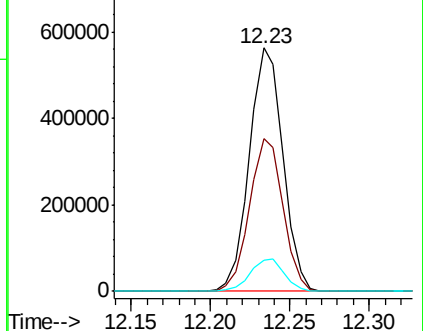
272 13.0 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.943 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

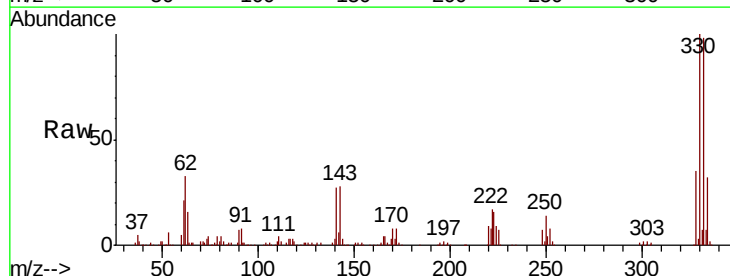
Tgt Ion:330 Resp: 525140

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

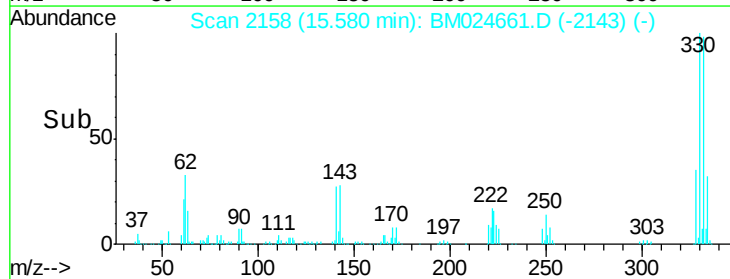
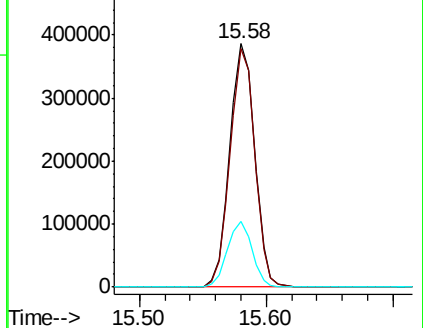
141 27.0 26.9 40.3

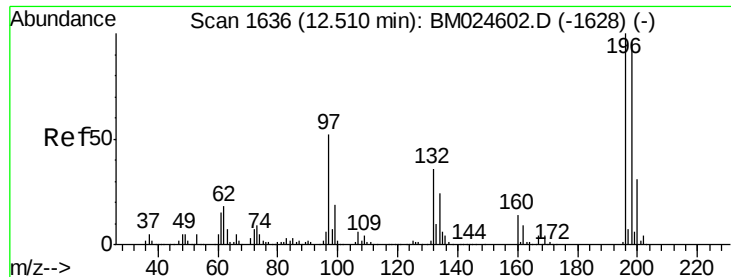


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

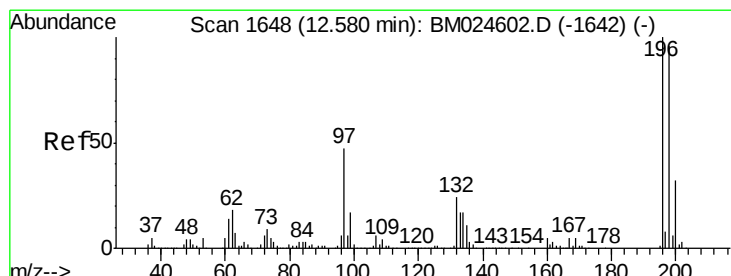
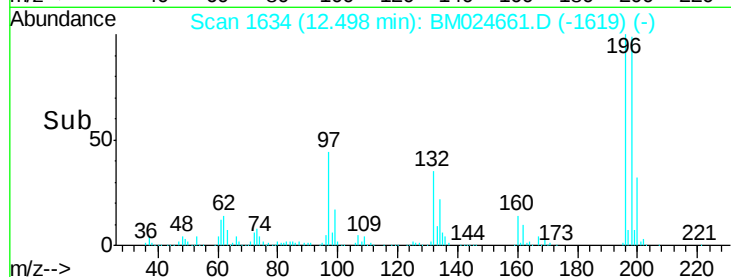
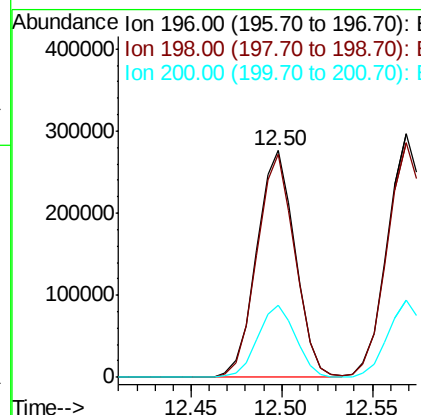
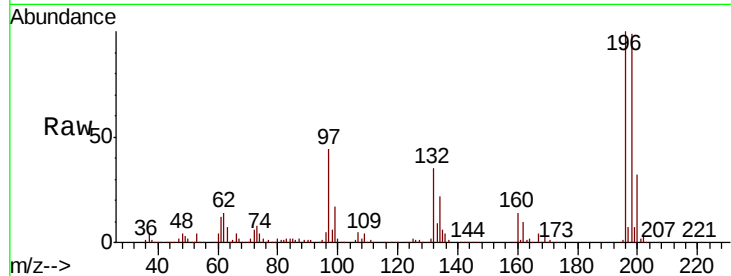




#43
 2,4,6-Trichlorophenol
 Concen: 48.737 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

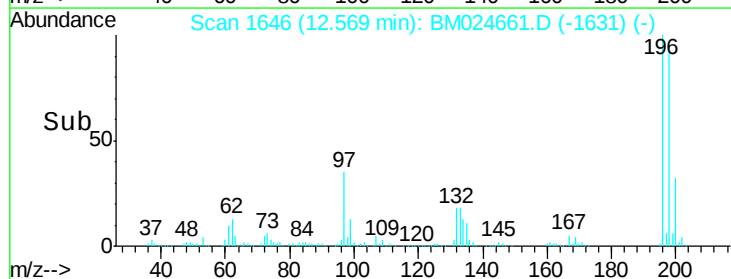
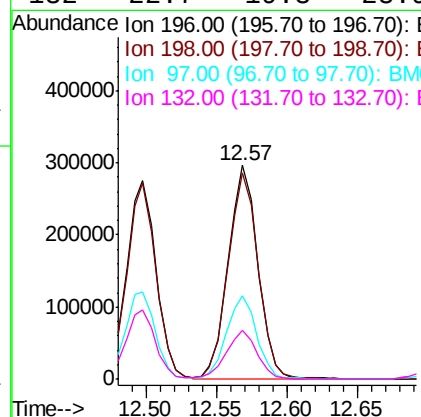
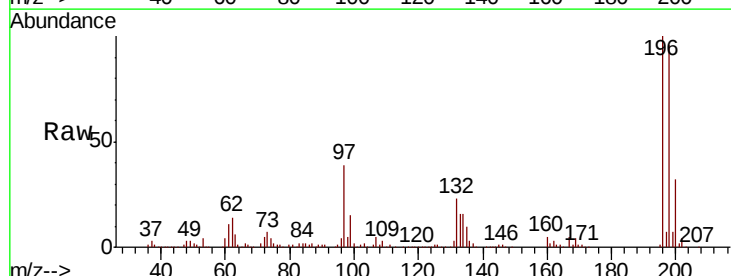
Instrument :
 BNA_M
 ClientSampleId :

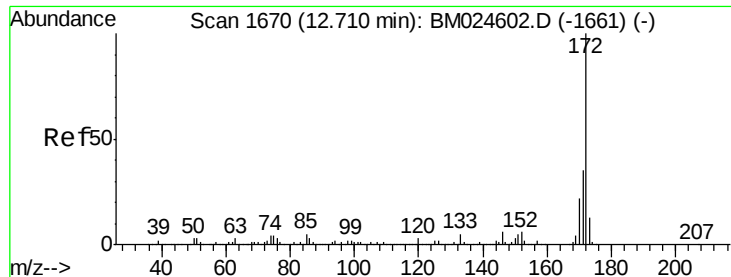
Tot Ion	196	Resp	406336
Ion Ratio	Lower	Upper	
196	100		
198	98.7	76.5	114.7
200	31.8	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 50.590 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	196	Resp	430755
Ion Ratio	Lower	Upper	
196	100		
198	96.4	77.2	115.8
97	39.1	37.4	56.0
132	22.7	19.3	28.9



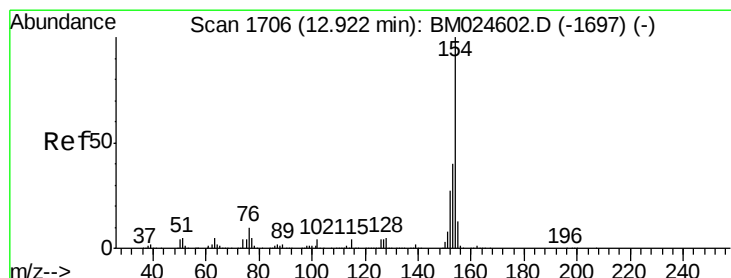
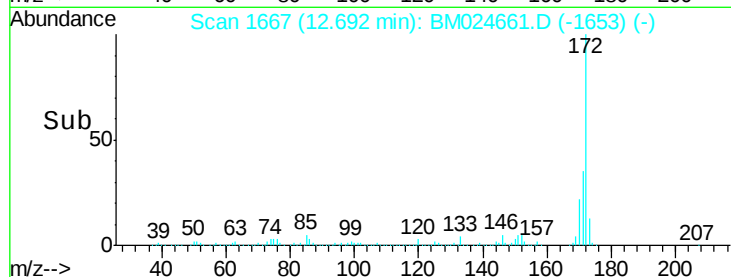
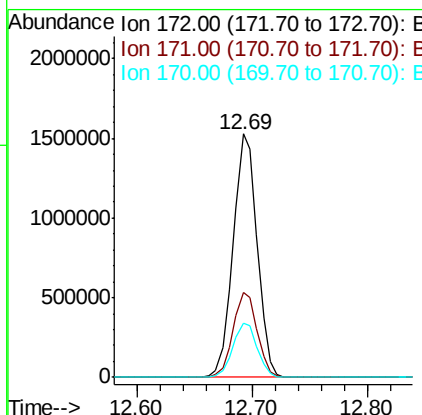
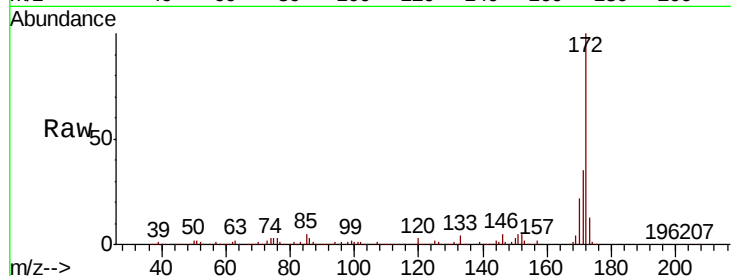


#45
 2-Fluorobiphenyl
 Concen: 81.266 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2194372

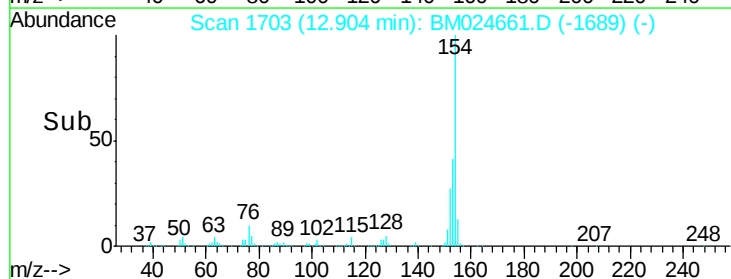
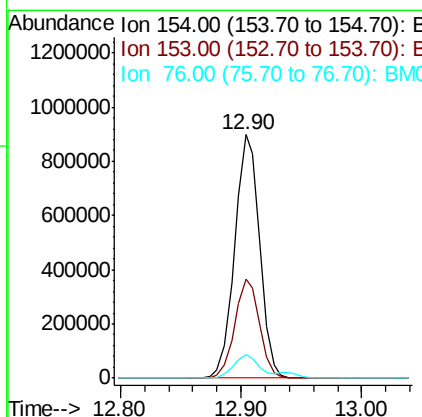
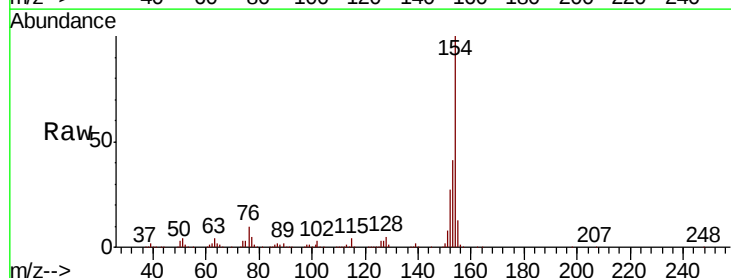
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.4	17.9	26.9

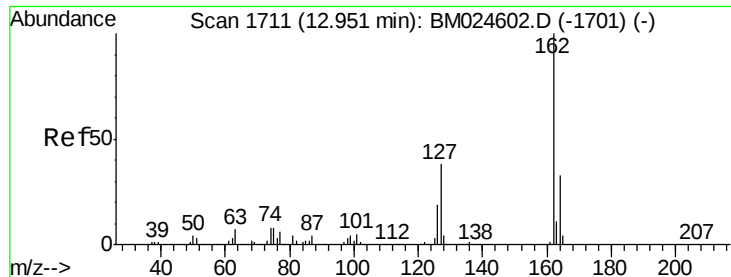


#46
 1,1'-Biphenyl
 Concen: 46.394 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion:154 Resp: 1288879

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	9.5	0.0	30.5

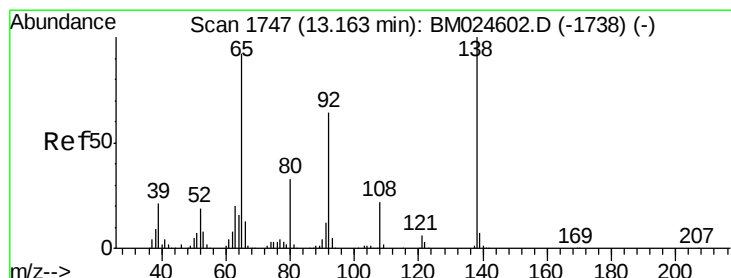
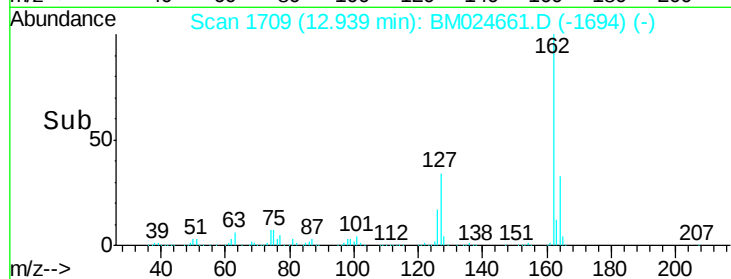
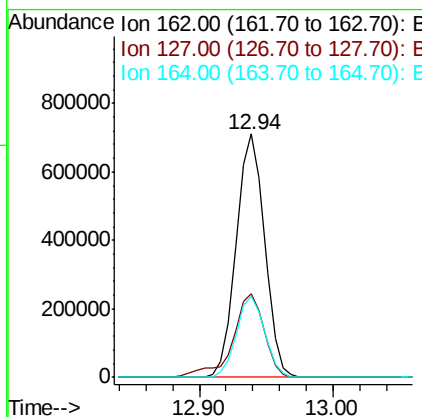
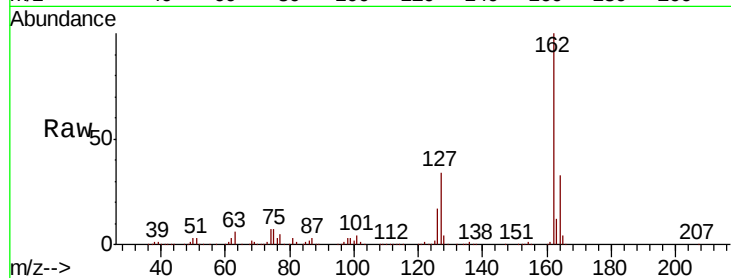




#47
 2-Chloronaphthalene
 Concen: 46.906 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

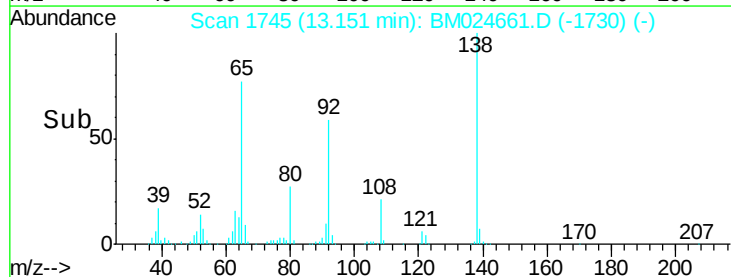
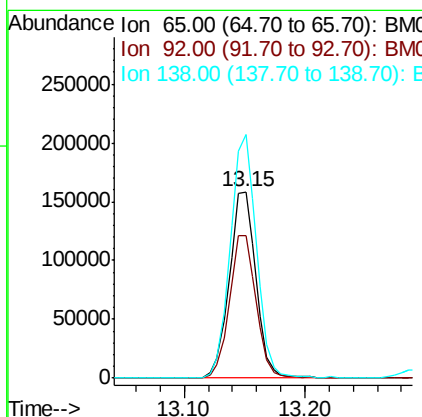
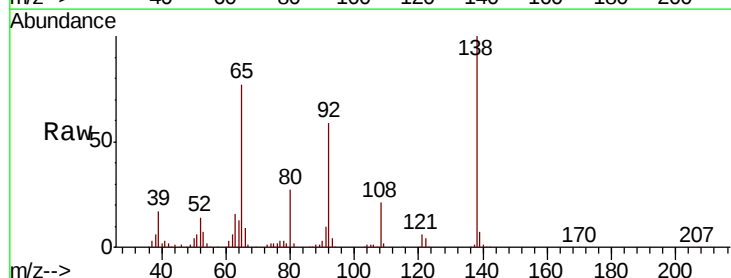
Instrument :
 BNA_M
 ClientSampleId :

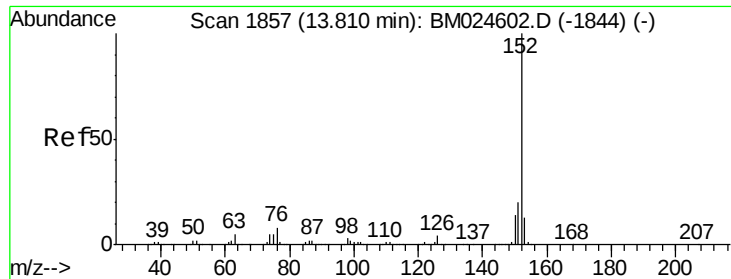
Tot Ion:162 Resp: 1051992
 Ion Ratio Lower Upper
 162 100
 127 34.2 30.4 45.6
 164 33.1 26.5 39.7



#48
 2-Nitroaniline
 Concen: 35.678 ng
 RT: 13.15 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion: 65 Resp: 244050
 Ion Ratio Lower Upper
 65 100
 92 76.4 55.4 83.2
 138 130.5 86.6 129.8#





#49

Acenaphthylene

Concen: 48.264 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

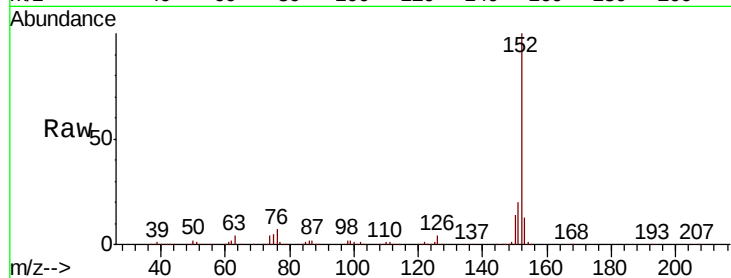
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1620446

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.2	10.4	15.6

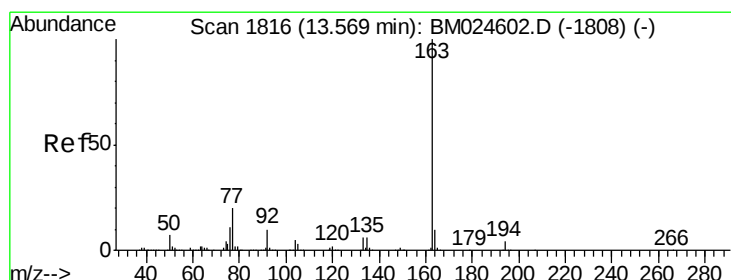
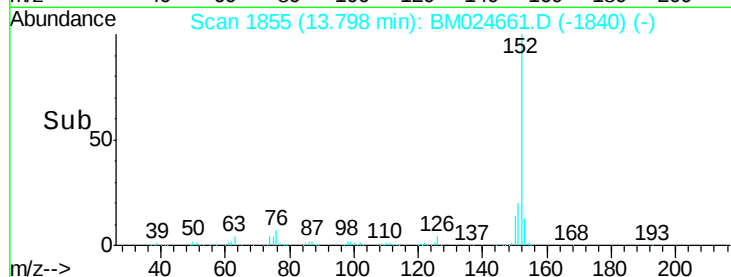
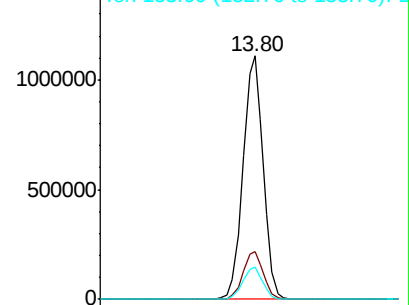


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.297 ng

RT: 13.56 min Scan# 1814

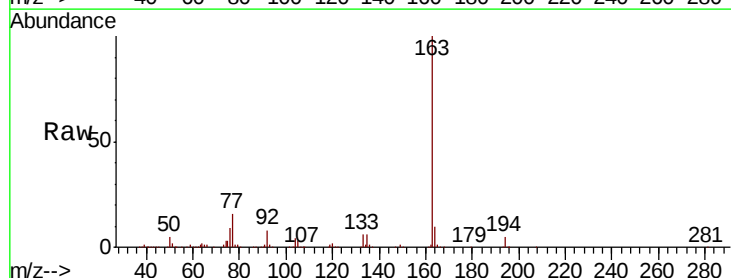
Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:163 Resp: 1285236

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.2	8.0	12.0

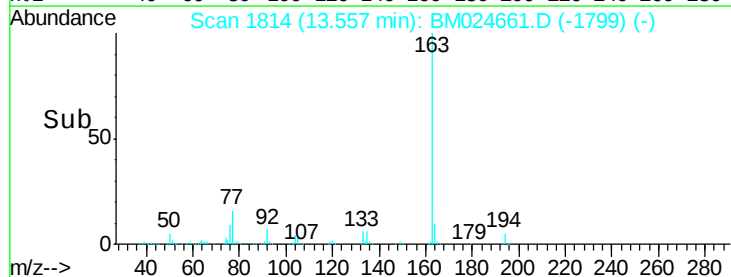
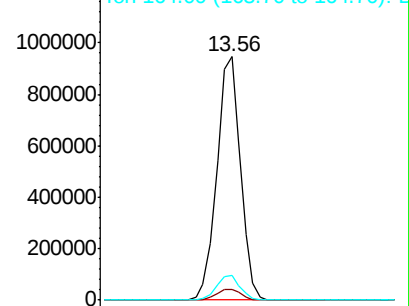


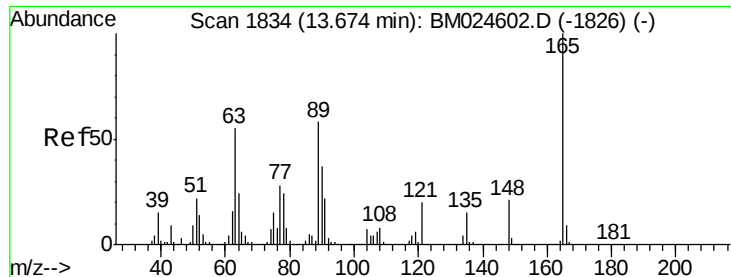
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

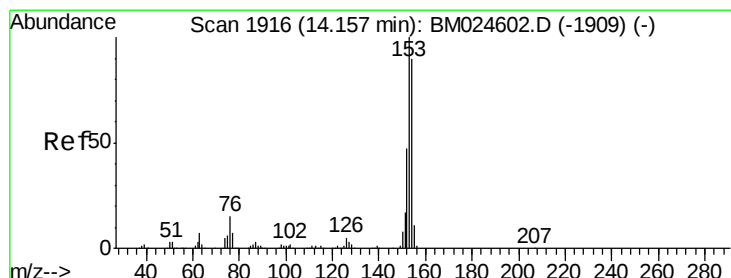
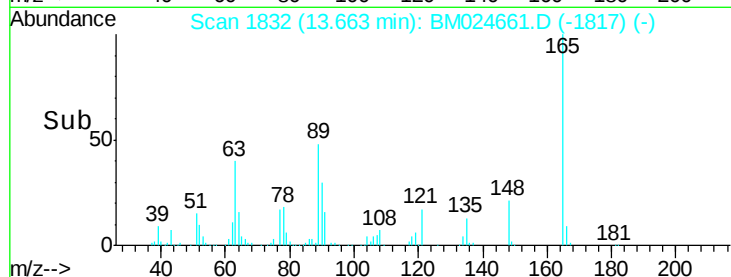
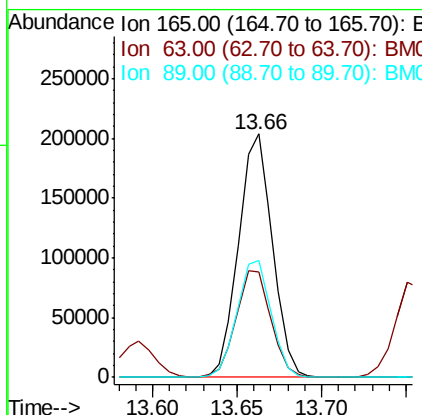
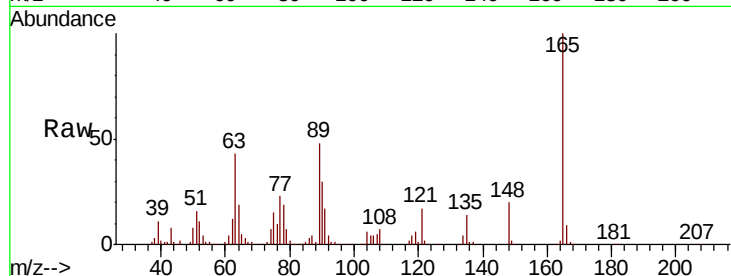




#51
2,6-Dinitrotoluene
Concen: 45.214 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

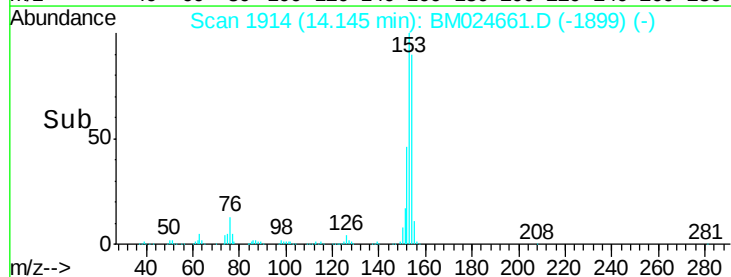
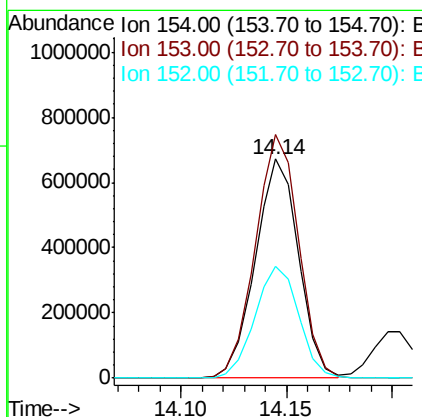
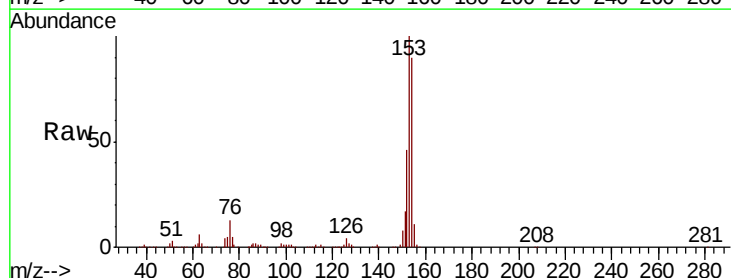
Instrument :
BNA_M
ClientSampled :

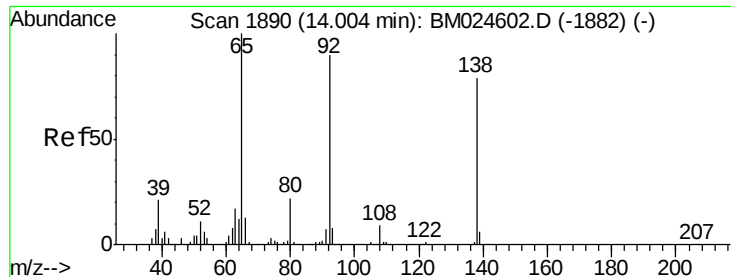
Tot Ion:165 Resp: 285353
Ion Ratio Lower Upper
165 100
63 43.1 45.4 68.0#
89 47.8 46.6 69.8



#52
Acenaphthene
Concen: 45.858 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:154 Resp: 955414
Ion Ratio Lower Upper
154 100
153 111.1 89.1 133.7
152 51.2 41.9 62.9





#53

3-Nitroaniline

Concen: 27.743 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

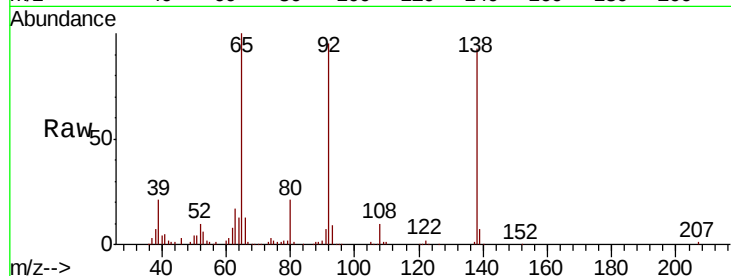
Tot Ion:138 Resp: 181602

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

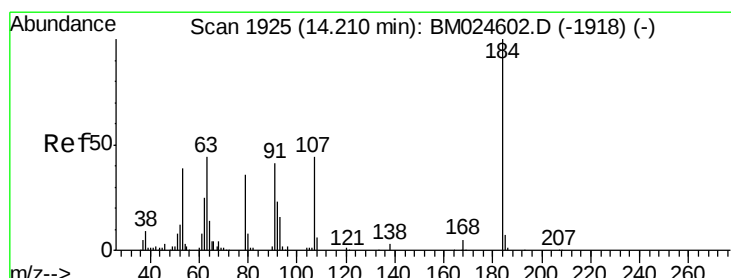
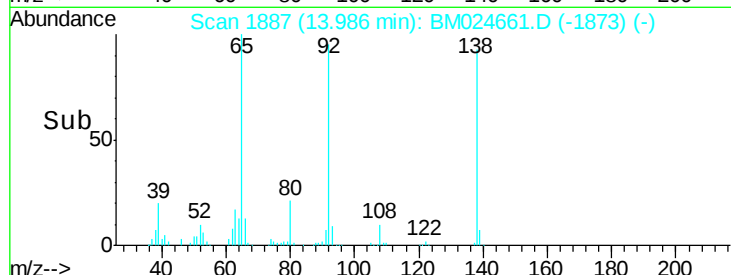
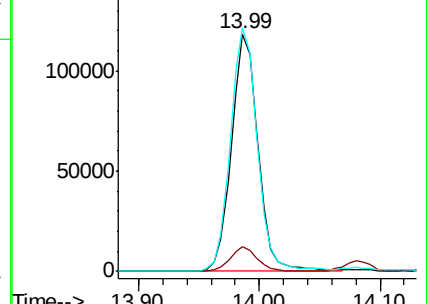
92 102.5 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 95.293 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

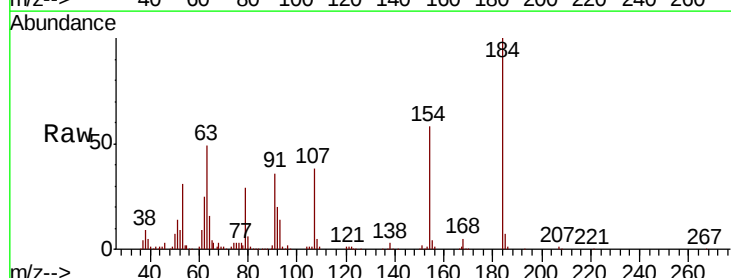
Tgt Ion:184 Resp: 359637

Ion Ratio Lower Upper

184 100

63 49.2 51.8 77.8#

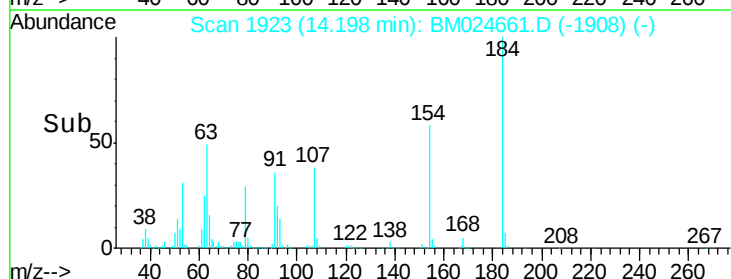
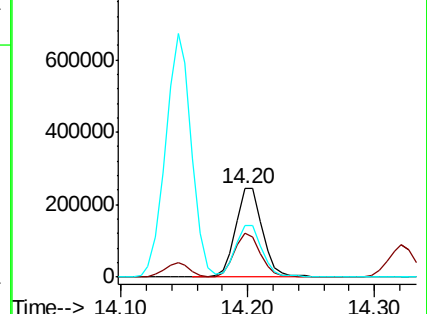
154 58.3 50.2 75.4

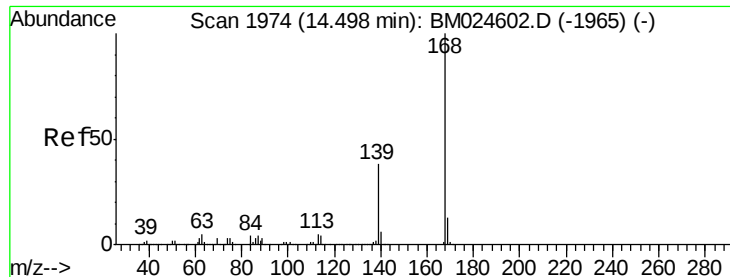


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

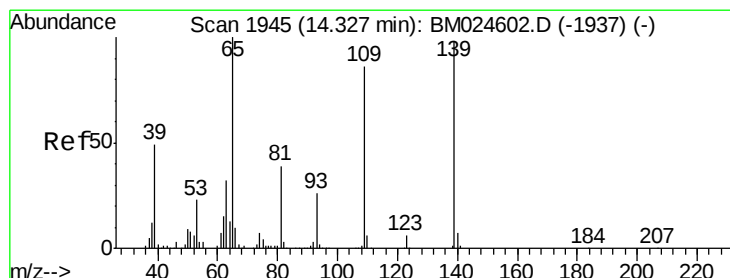
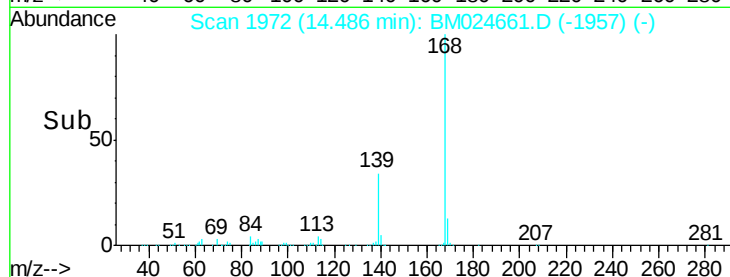
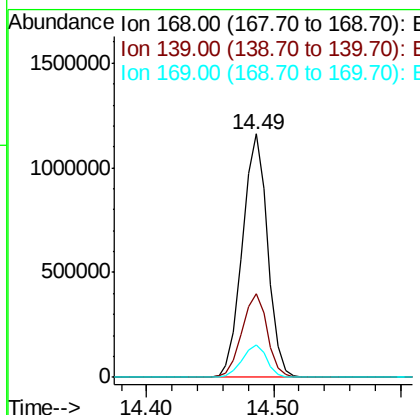
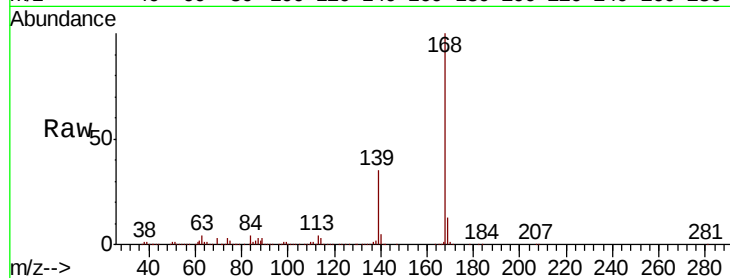




#55
Dibenzofuran
Concen: 47.006 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

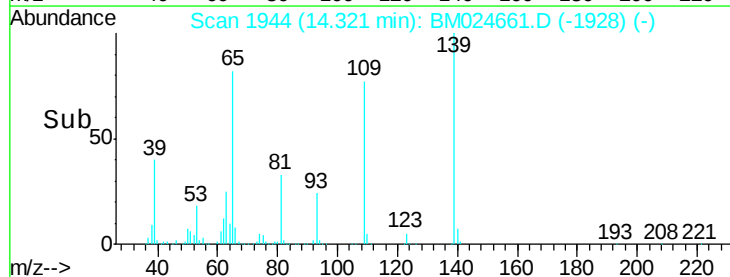
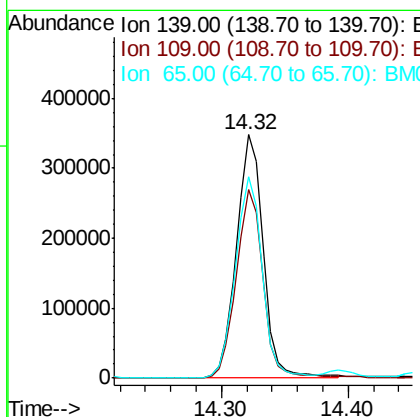
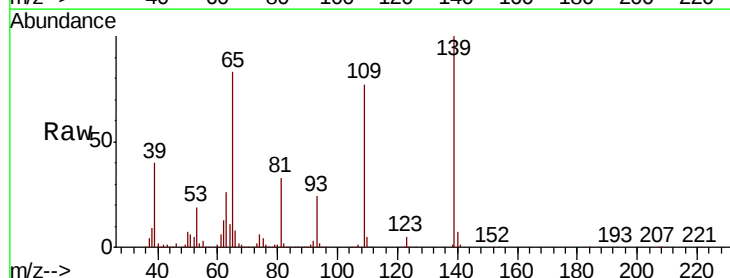
Instrument :
BNA_M
ClientSampleId :

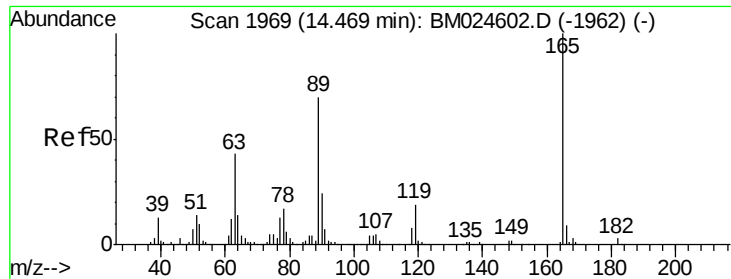
Tot Ion:168 Resp: 1597159
Ion Ratio Lower Upper
168 100
139 34.5 30.2 45.4
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 99.654 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:139 Resp: 509903
Ion Ratio Lower Upper
139 100
109 77.3 67.4 107.4
65 82.6 82.1 122.1

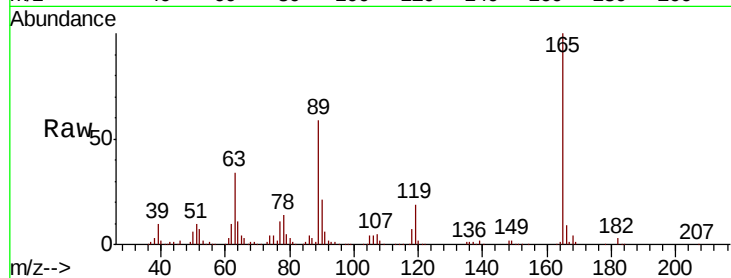




#57
2,4-Dinitrotoluene
Concen: 44.650 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.5	34.5	51.7#
89	59.1	55.8	83.8
182	3.2	2.3	3.5

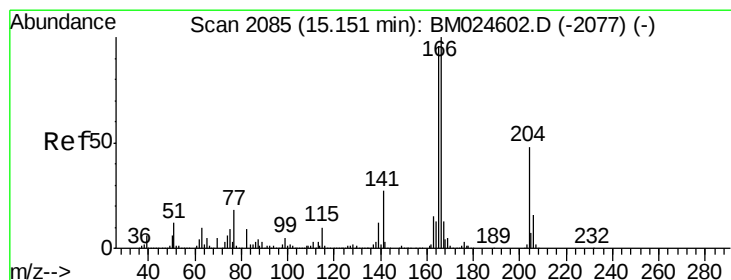
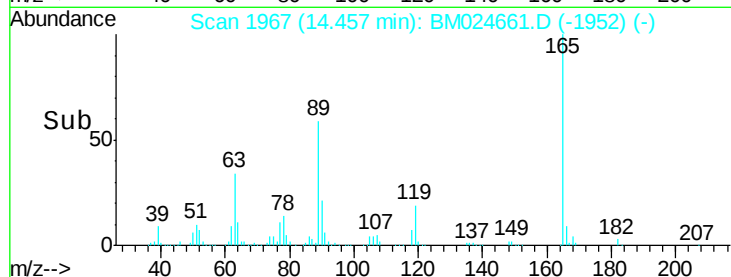
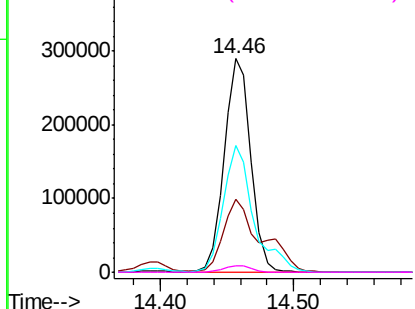


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

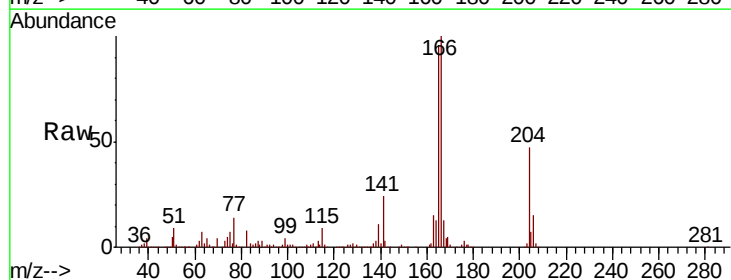
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.600 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

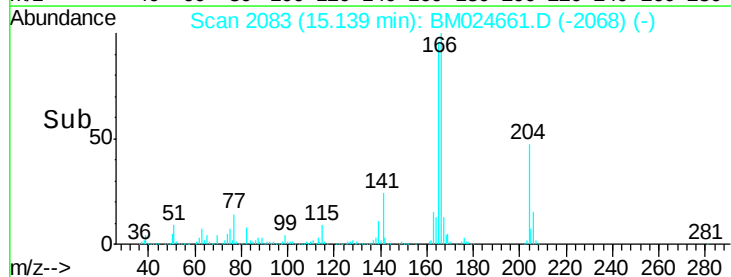
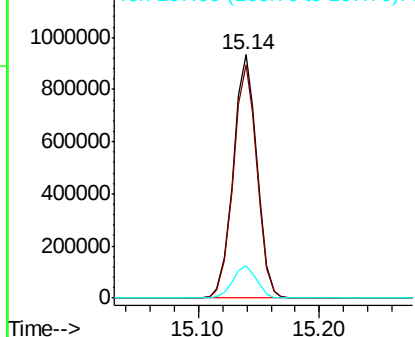
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.6	114.8
167	13.4	10.8	16.2

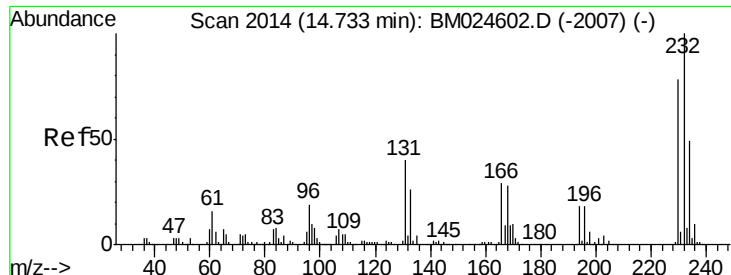


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

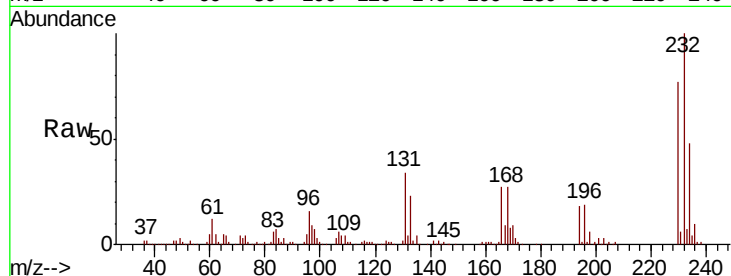




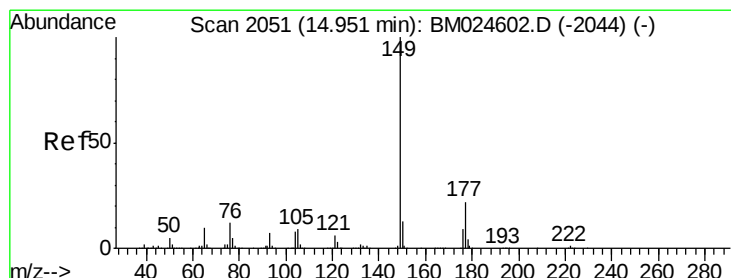
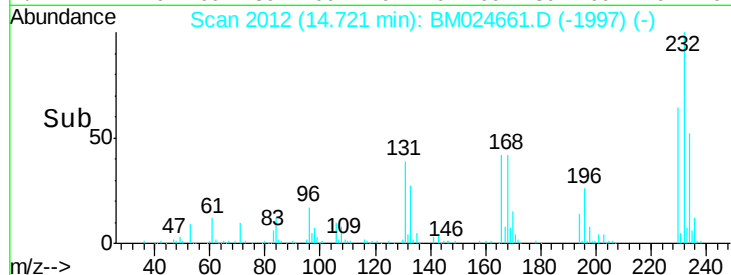
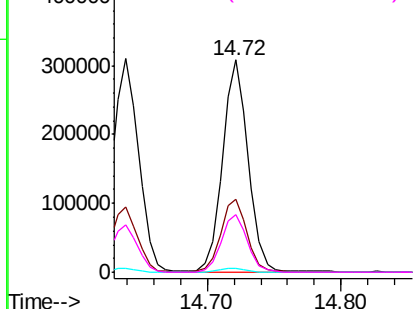
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.648 ng
 RT: 14.72 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:232 Resp: 411434
 Ion Ratio Lower Upper
 232 100
 131 35.0 32.2 48.4
 130 1.9 1.9 2.9#
 166 27.8 23.4 35.0

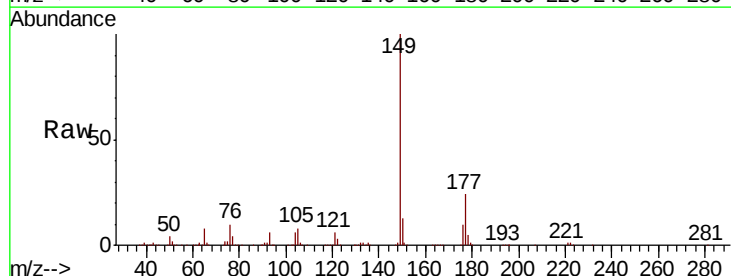


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

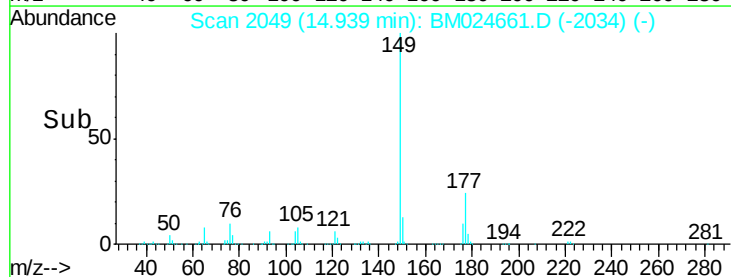
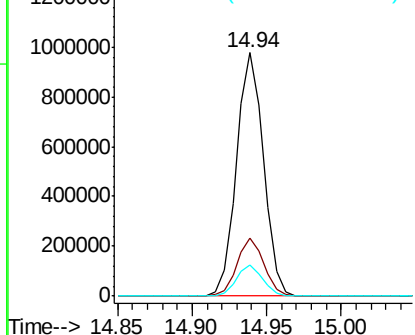


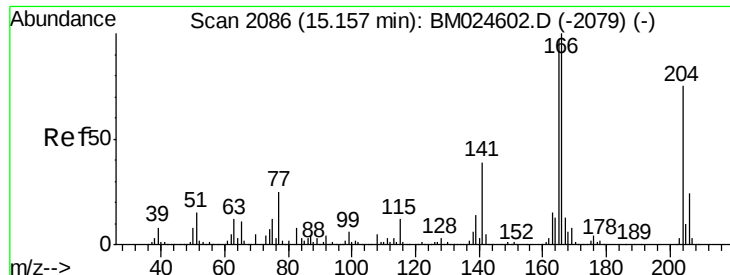
#60
 Diethylphthalate
 Concen: 40.928 ng
 RT: 14.94 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion:149 Resp: 1233430
 Ion Ratio Lower Upper
 149 100
 177 23.8 18.0 27.0
 150 12.6 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

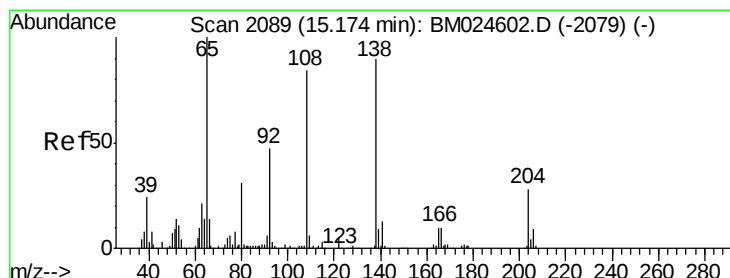
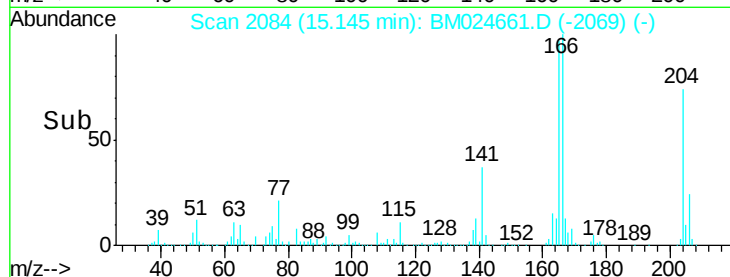
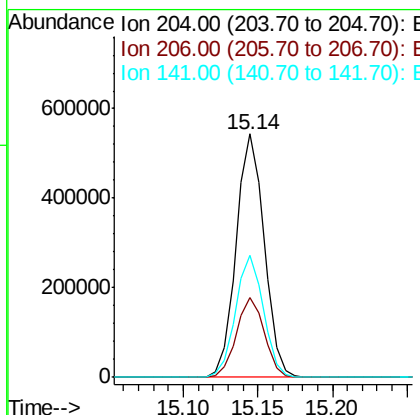
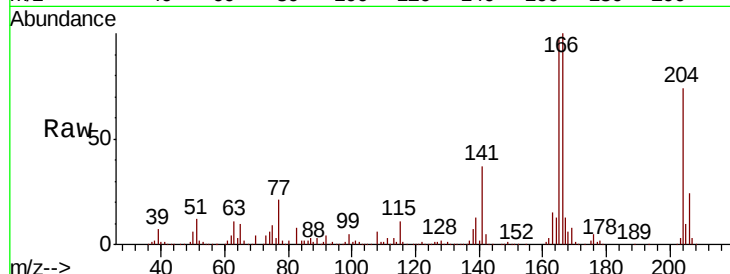




#61
 4-Chlorophenyl-phenylether
 Concen: 43.185 ng
 RT: 15.14 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

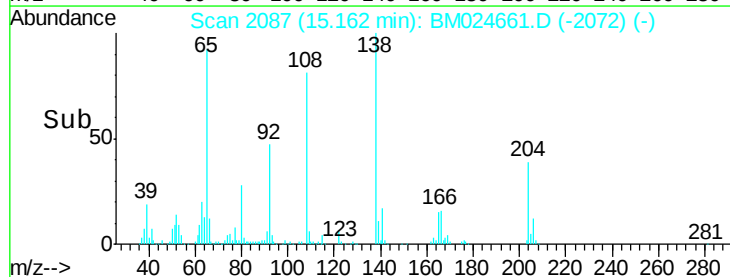
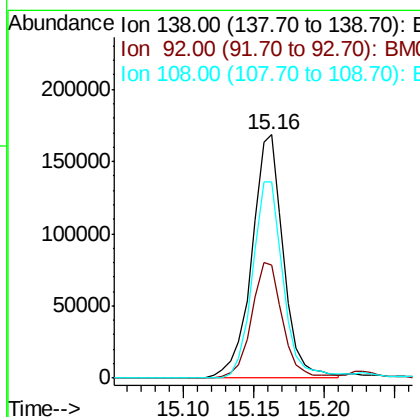
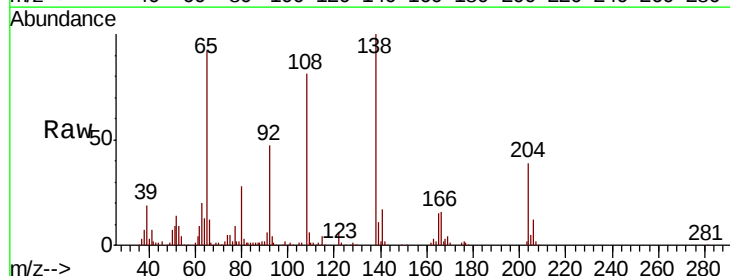
Instrument :
 BNA_M
 ClientSampleId :

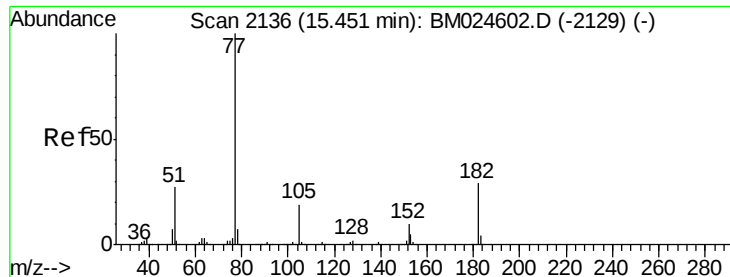
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	50.0	42.2	63.2



#62
 4-Nitroaniline
 Concen: 36.701 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	32.4	72.4
108	80.5	73.3	113.3





#63

Azobenzene

Concen: 37.701 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

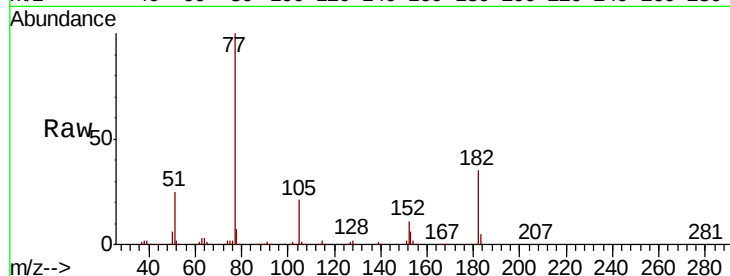
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 969156

Ion	Ratio	Lower	Upper
77	100		
182	34.9	8.7	48.7
105	20.9	0.0	39.2
51	25.0	7.5	47.5

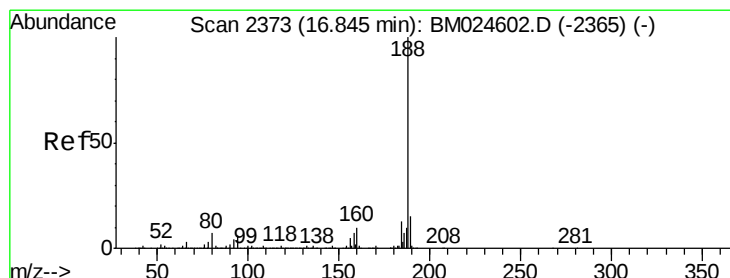
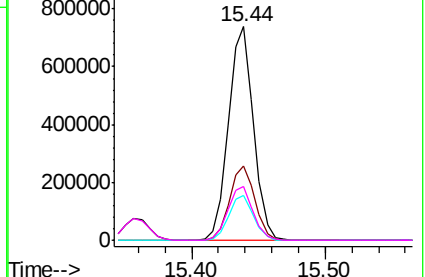
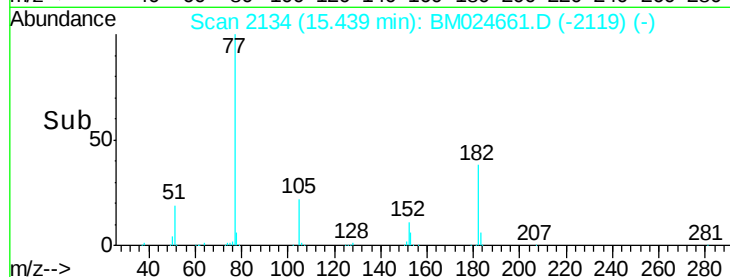


Abundance Ion 77.00 (76.70 to 77.70): BM024661.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024661.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM024661.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024661.D (-2119) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2371

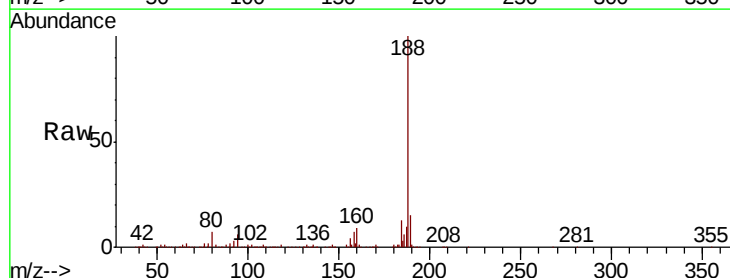
Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion: 188 Resp: 810683

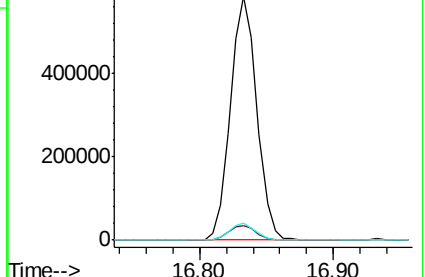
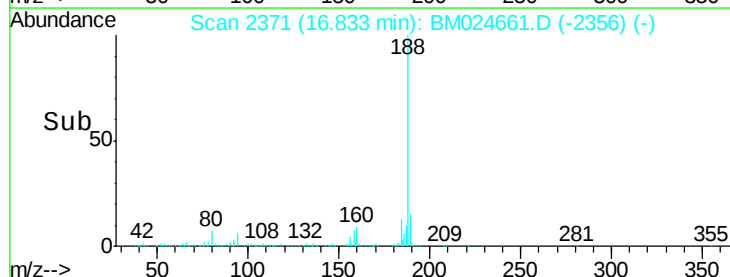
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.6
80	7.0	5.8	8.8

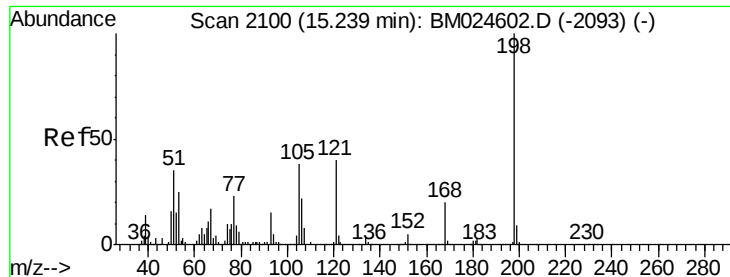


Abundance Ion 188.00 (187.70 to 188.70): BM024661.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024661.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024661.D (-2356) (-)

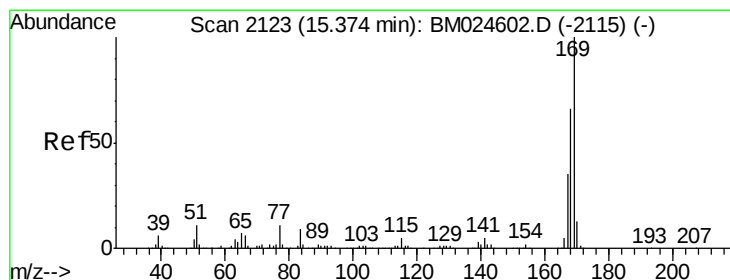
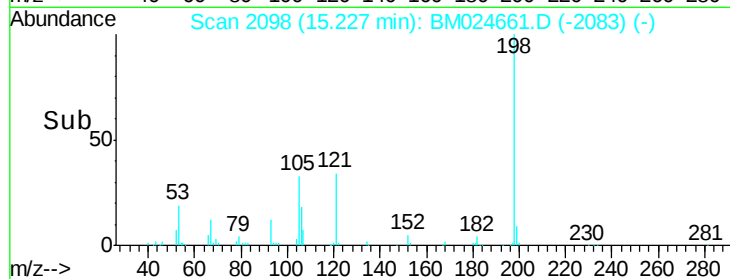
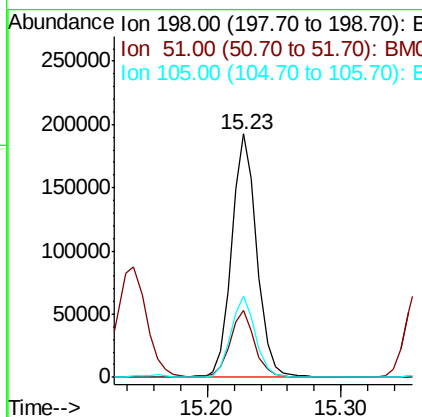
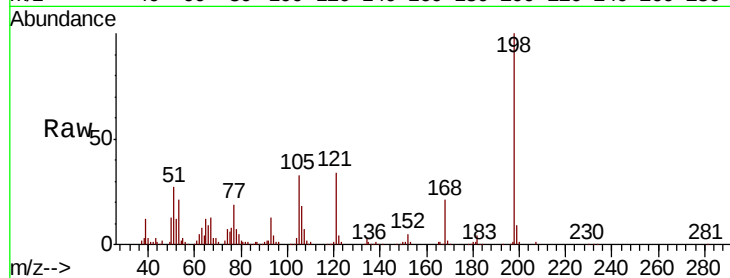




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.154 ng
 RT: 15.23 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

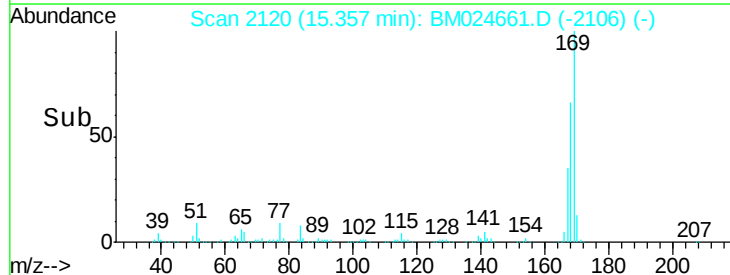
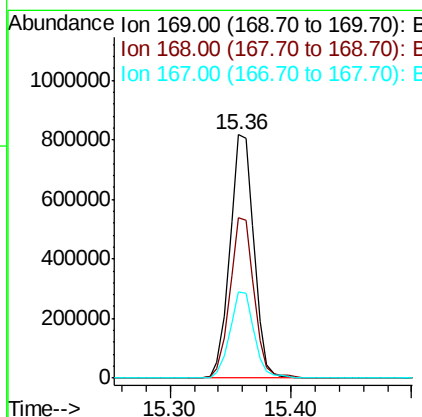
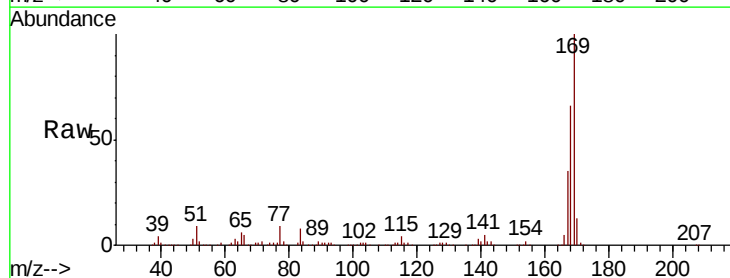
Instrument :
 BNA_M
 ClientSampleId :

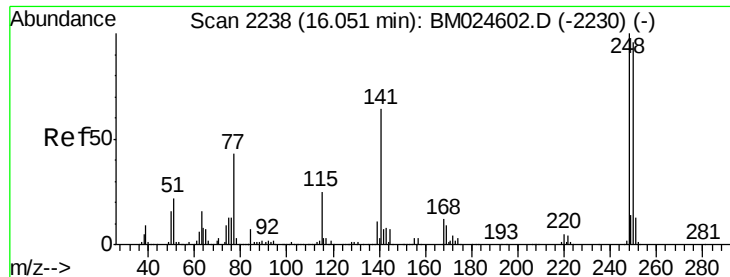
Tot Ion	198	Resp	253367
Ion Ratio	100	Lower	Upper
51	27.3	15.8	55.8
105	33.2	18.5	58.5



#66
 n-Nitrosodiphenylamine
 Concen: 48.443 ng
 RT: 15.36 min Scan# 2120
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	169	Resp	1128082
Ion Ratio	100	Lower	Upper
168	66.1	52.8	79.2
167	35.3	28.2	42.2

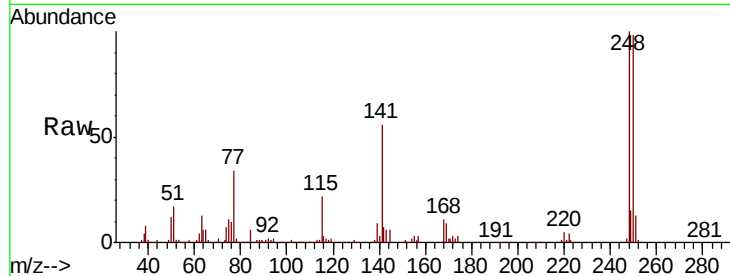




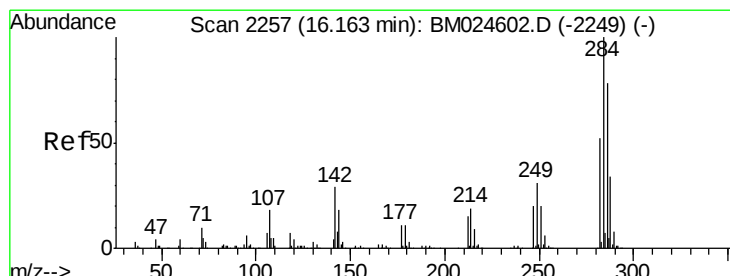
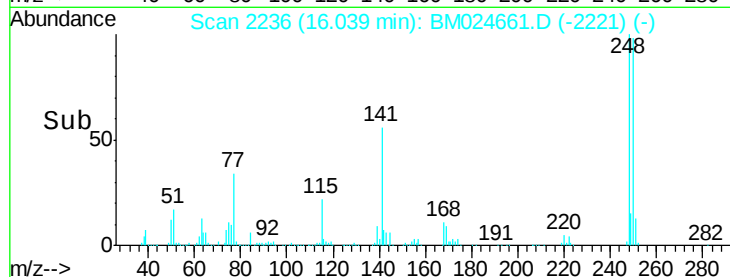
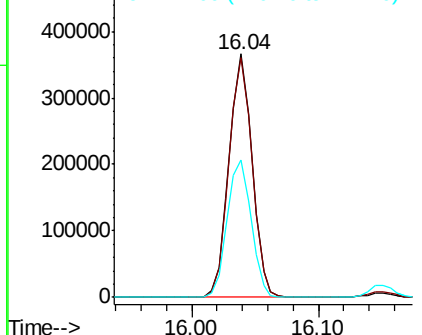
#67
4-Bromophenyl-phenylether
Concen: 45.886 ng
RT: 16.04 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 462604
Ion Ratio Lower Upper
248 100
250 98.3 77.0 115.6
141 56.2 50.9 76.3

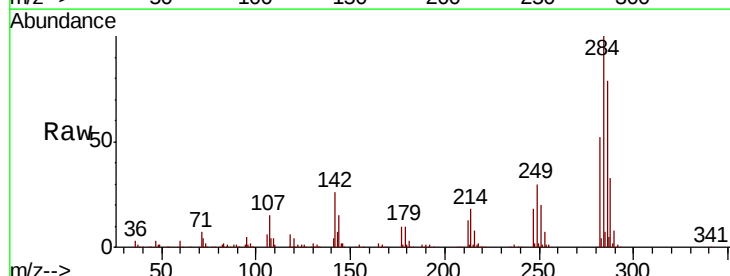


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

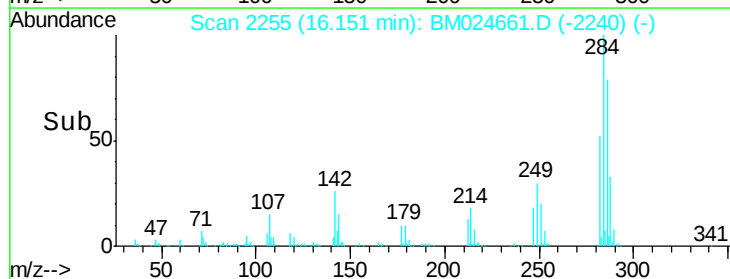
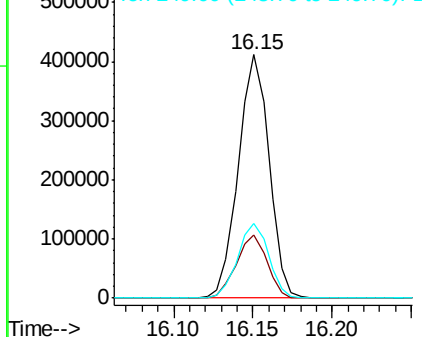


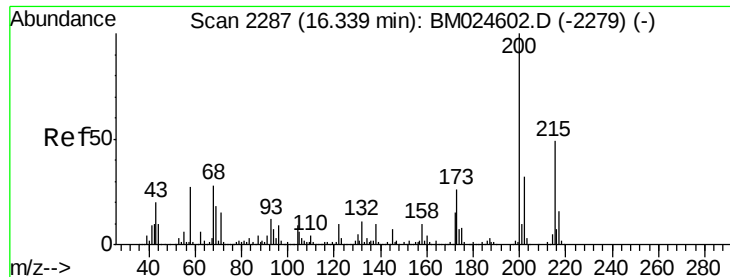
#68
Hexachlorobenzene
Concen: 47.825 ng
RT: 16.15 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:284 Resp: 553284
Ion Ratio Lower Upper
284 100
142 25.9 23.5 35.3
249 30.5 24.6 36.8



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





#69

Atrazine

Concen: 49.771 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampled :

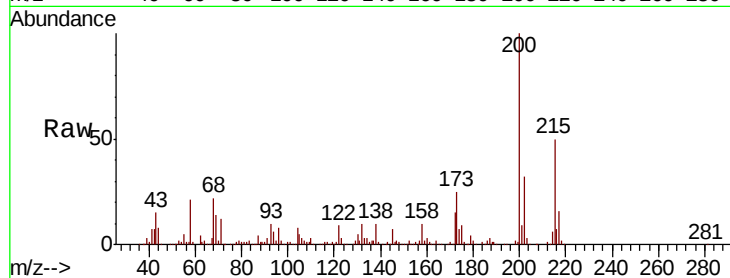
Tot Ion:200 Resp: 444888

Ion Ratio Lower Upper

200 100

173 24.9 5.5 45.5

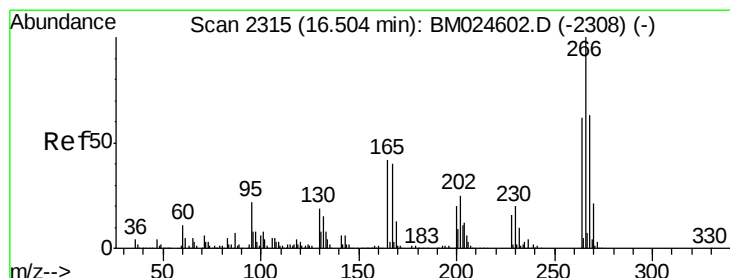
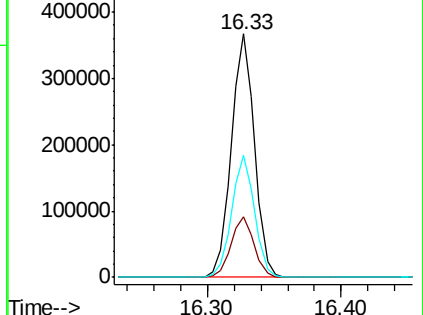
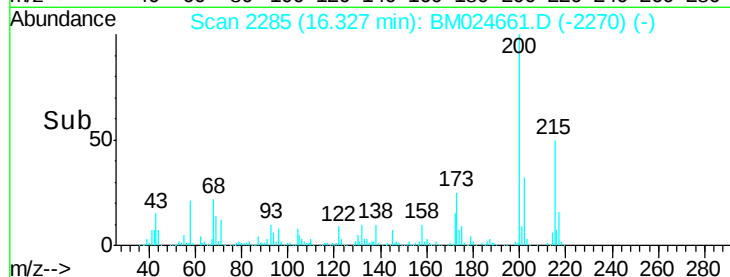
215 49.9 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.435 ng

RT: 16.50 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

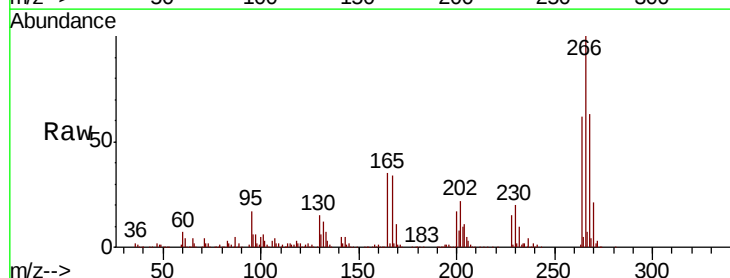
Tgt Ion:266 Resp: 714801

Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

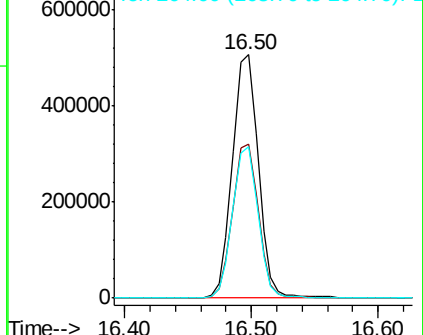
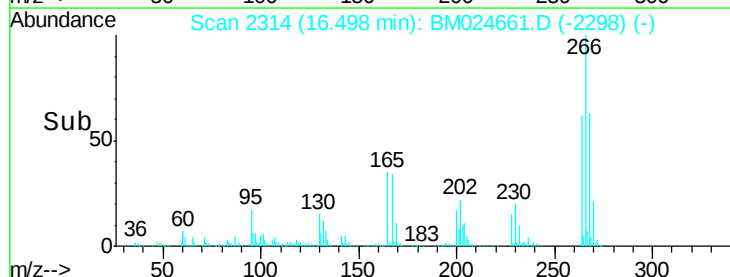
264 62.4 49.9 74.9

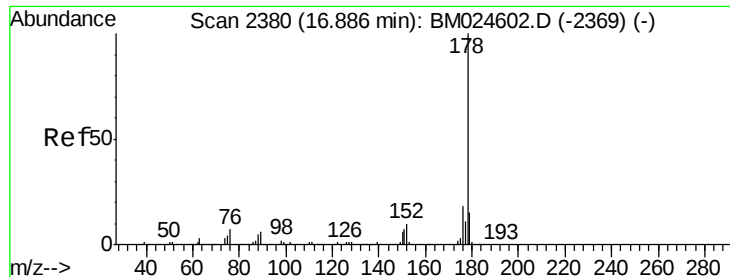


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

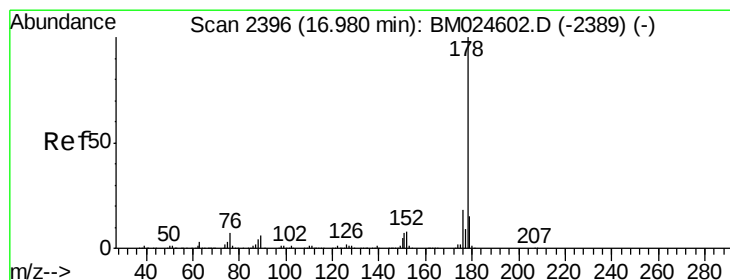
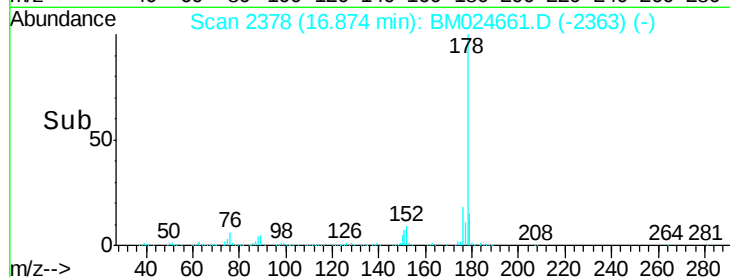
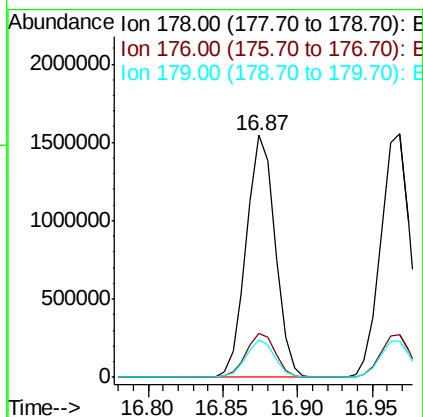
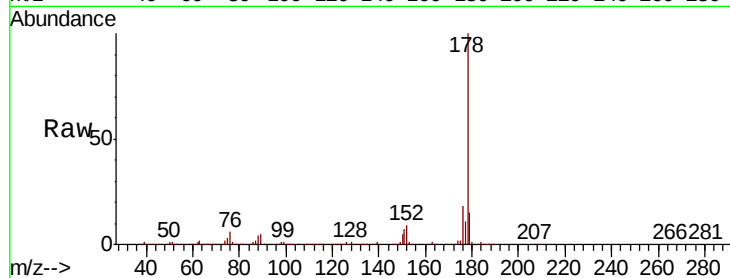




#71
Phenanthrene
Concen: 47.239 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

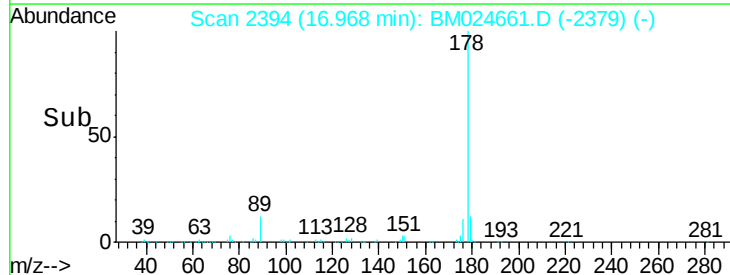
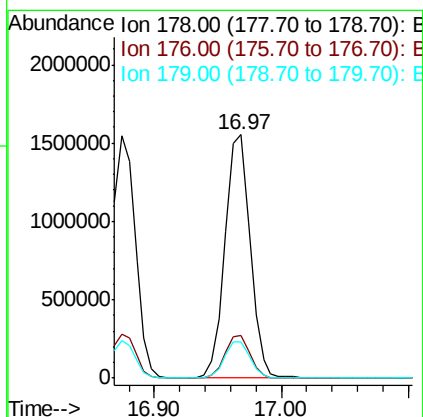
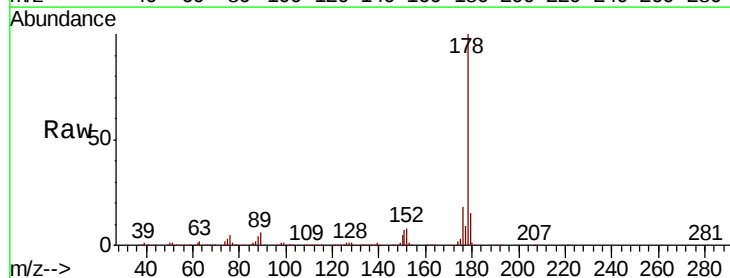
Instrument :
BNA_M
ClientSampleId :

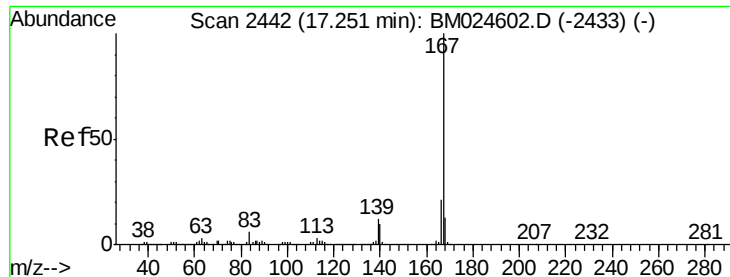
Tot Ion:178 Resp: 2073767
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.3 11.9 17.9



#72
Anthracene
Concen: 49.605 ng
RT: 16.97 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:178 Resp: 2130778
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 14.8 12.1 18.1



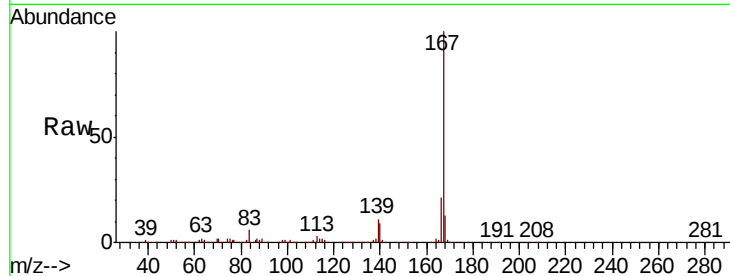


#73
 Carbazole
 Concen: 47.470 ng
 RT: 17.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

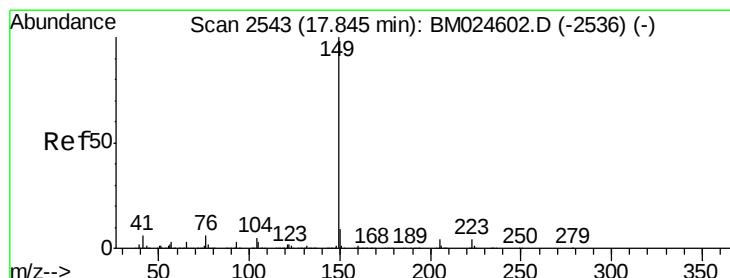
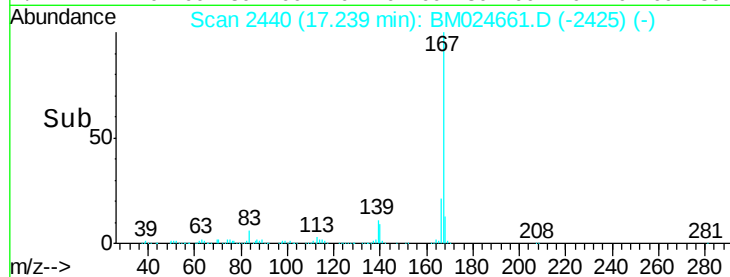
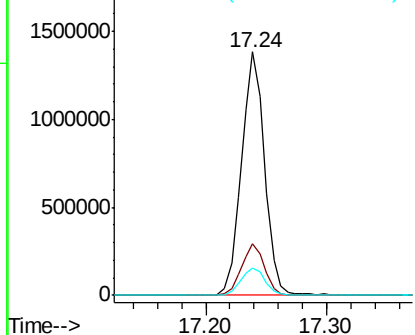
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1856233

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	11.5	9.8	14.8



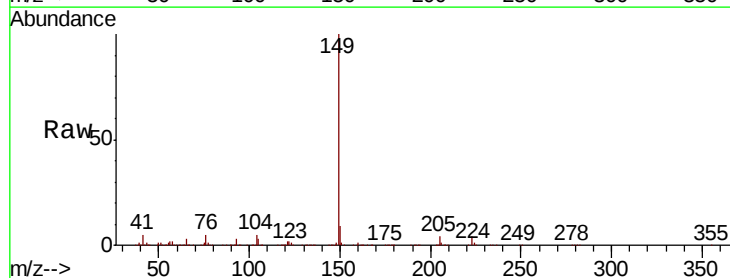
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



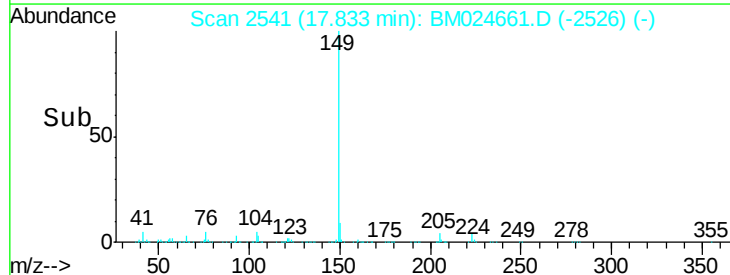
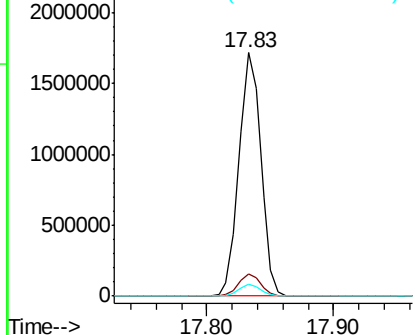
#74
 Di-n-butylphthalate
 Concen: 40.973 ng
 RT: 17.83 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

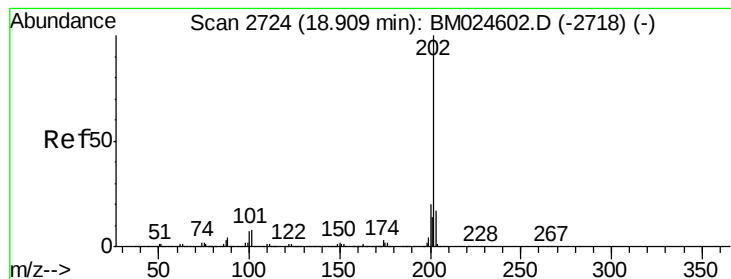
Tgt Ion:149 Resp: 2048237

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.9	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.790 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

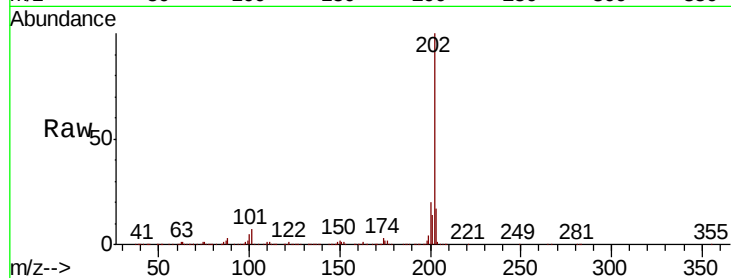
Tot Ion:202 Resp: 2618504

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

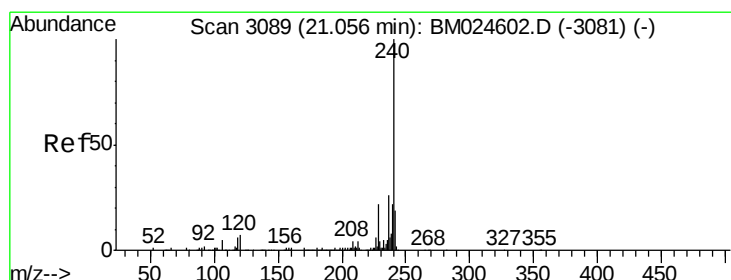
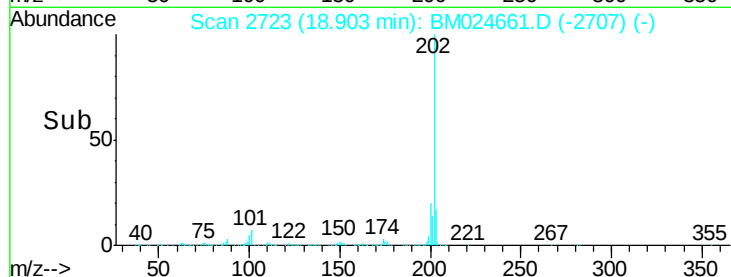
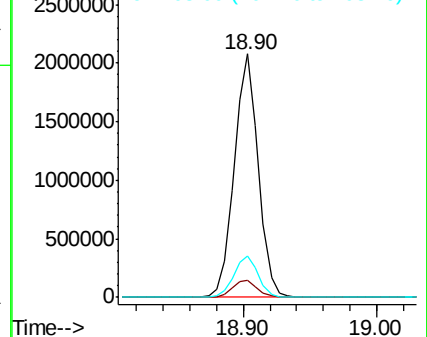
203 17.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

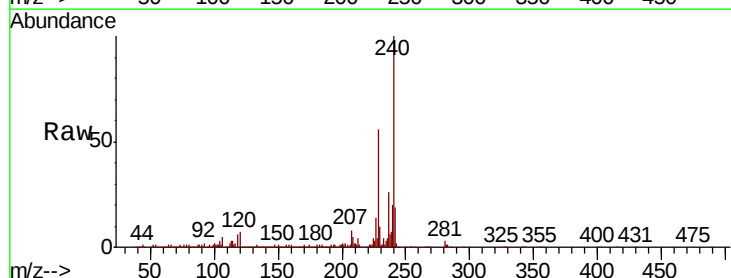
Tgt Ion:240 Resp: 913258

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

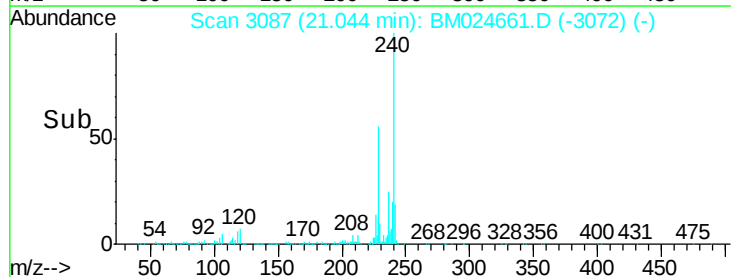
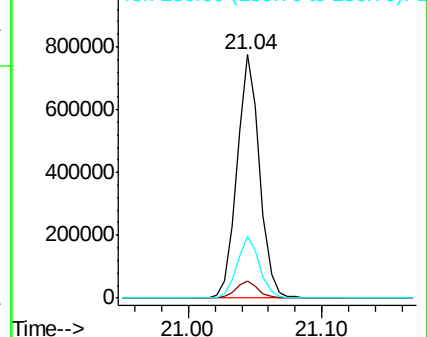
236 25.5 20.6 31.0

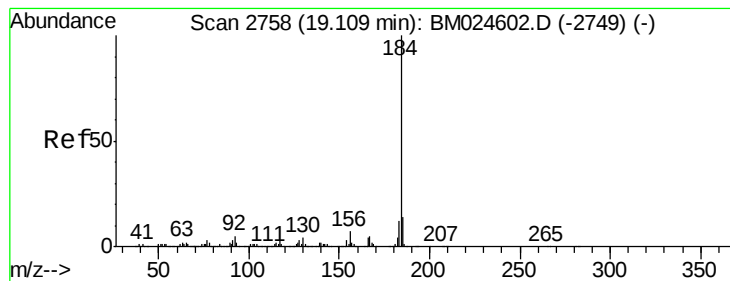


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 82.421 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

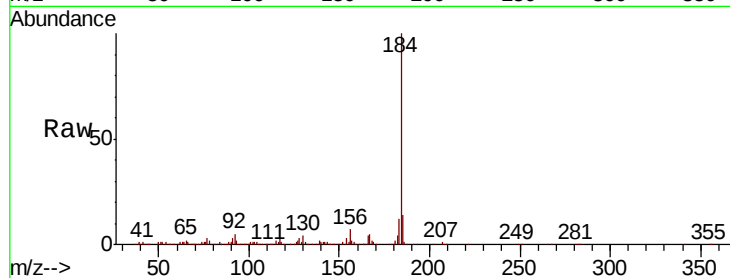
Tot Ion:184 Resp: 1752972

Ion Ratio Lower Upper

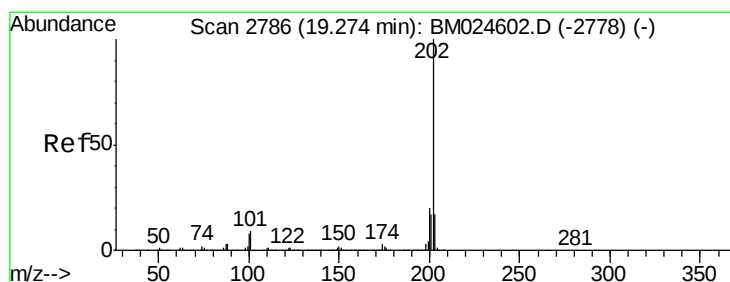
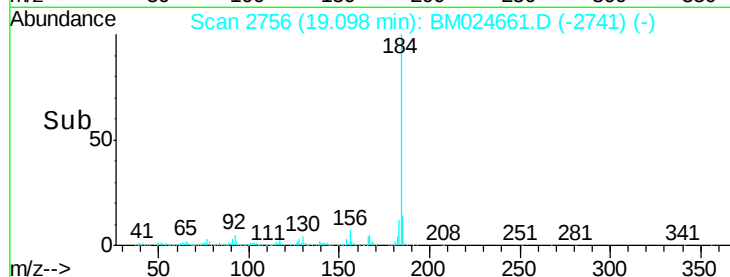
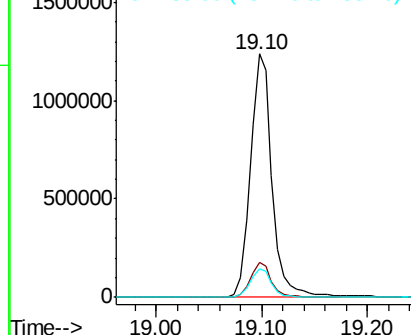
184 100

185 14.3 11.3 16.9

183 11.8 9.6 14.4



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: 44.779 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

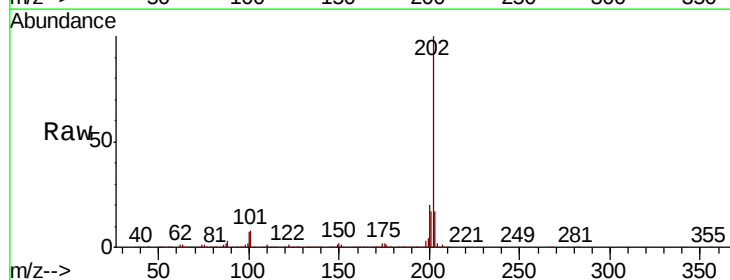
Tgt Ion:202 Resp: 2695941

Ion Ratio Lower Upper

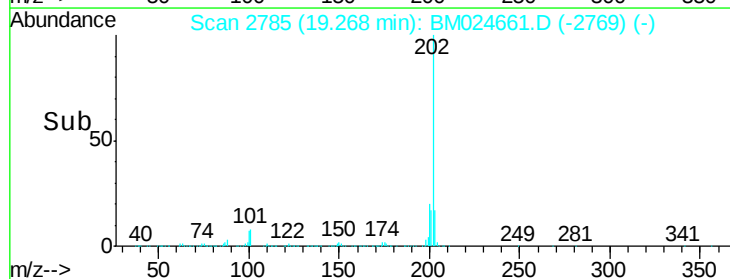
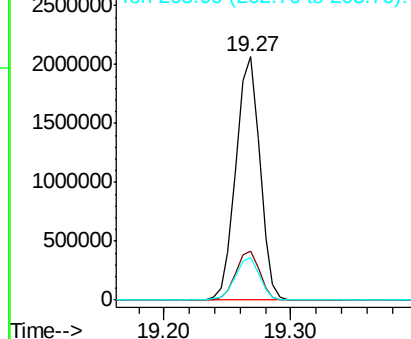
202 100

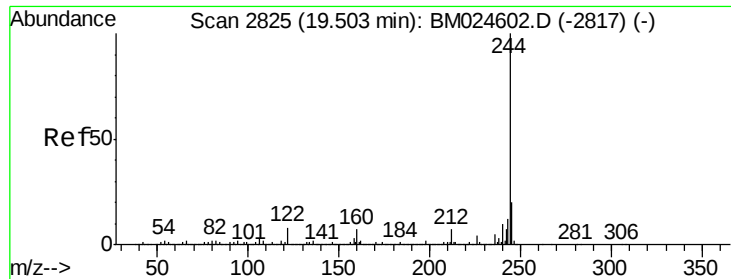
200 20.2 16.2 24.2

203 17.3 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: 78.344 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

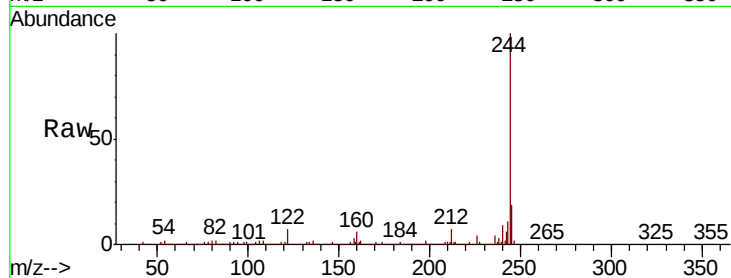
Tot Ion:244 Resp: 3832458

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

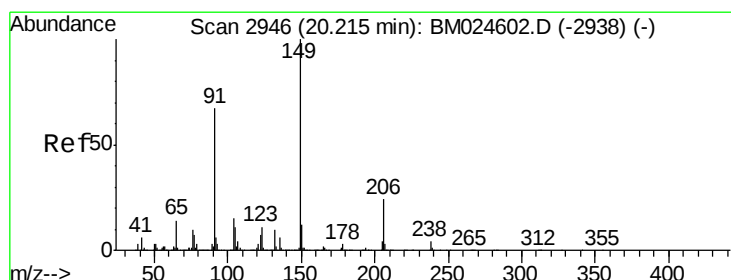
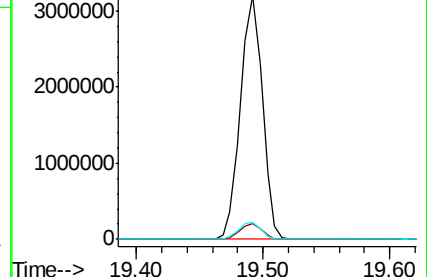
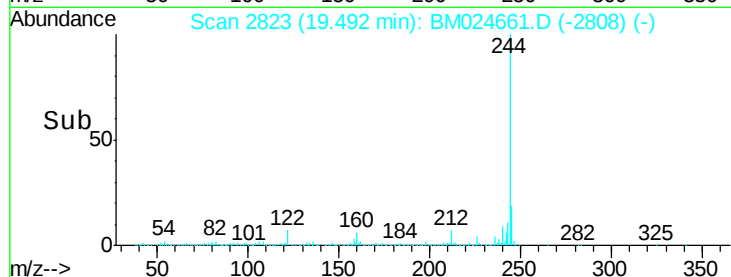
122 6.9 6.2 9.4



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: 38.378 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

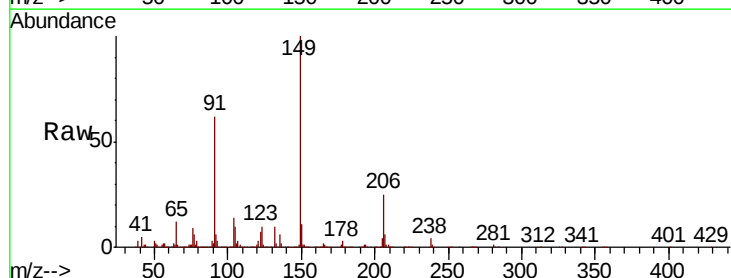
Tgt Ion:149 Resp: 969548

Ion Ratio Lower Upper

149 100

91 61.5 53.9 80.9

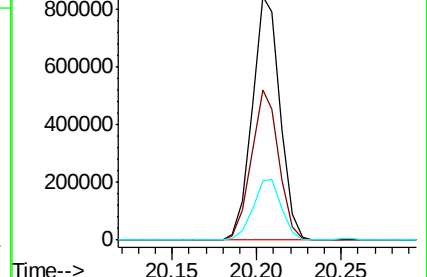
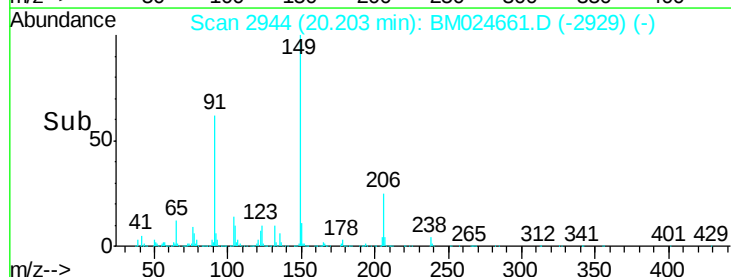
206 24.6 19.0 28.6

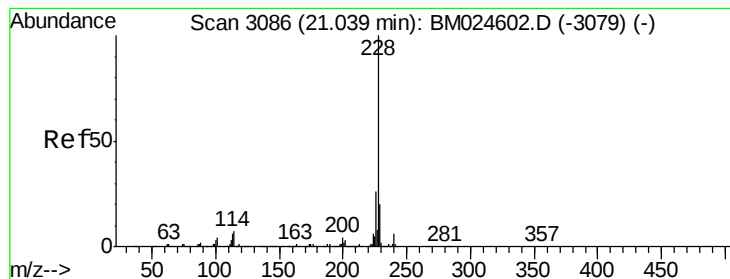


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.166 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

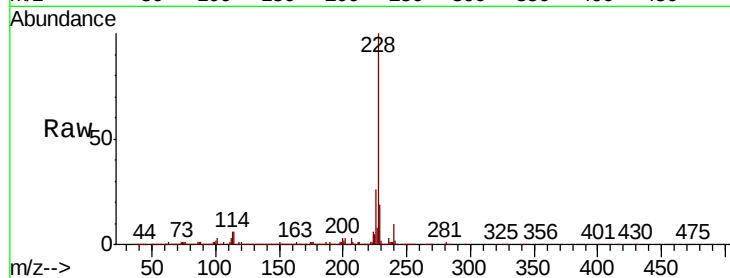
Tot Ion:228 Resp: 2926234

Ion Ratio Lower Upper

228 100

226 25.9 21.1 31.7

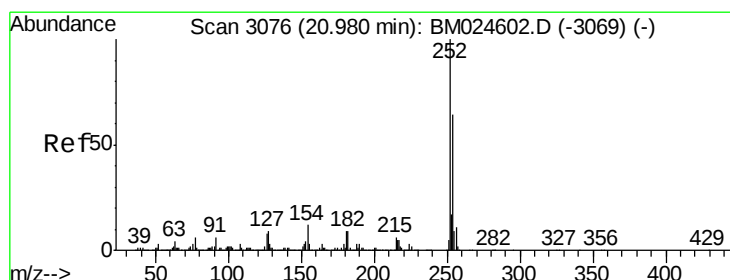
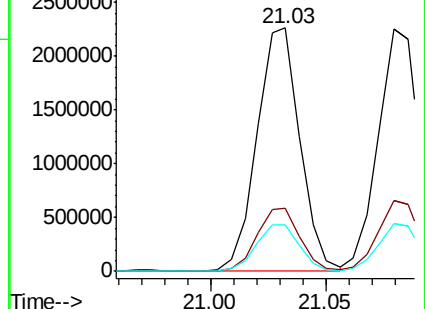
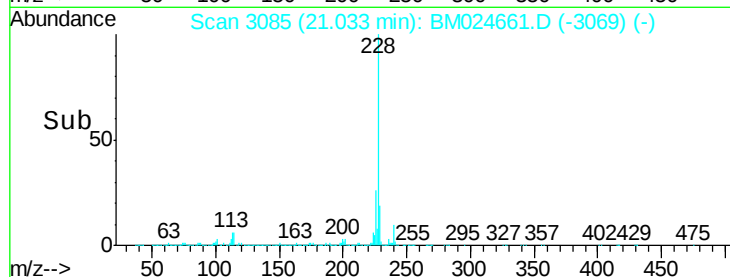
229 19.3 15.8 23.6



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: 42.026 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

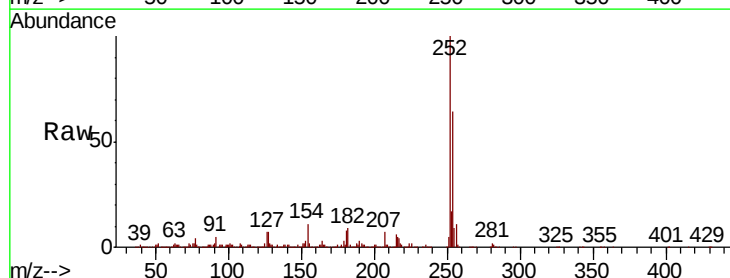
Tgt Ion:252 Resp: 958237

Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

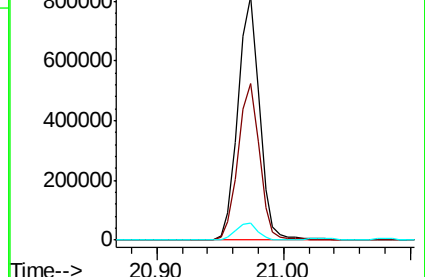
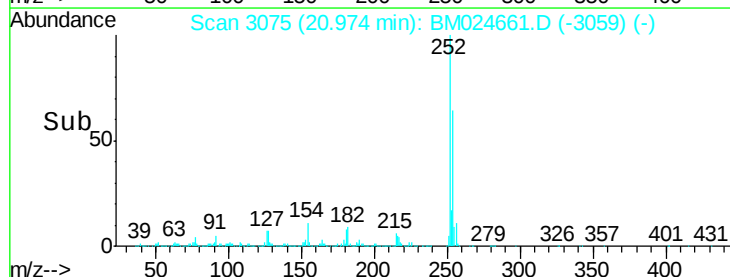
126 6.9 6.7 10.1

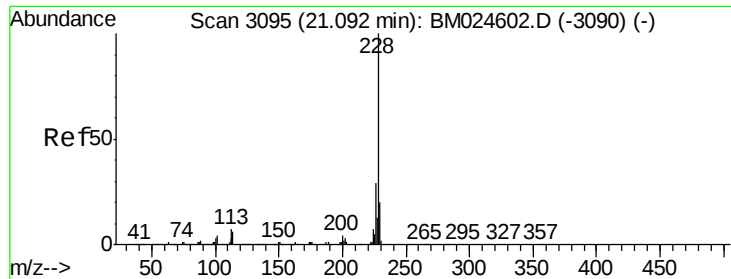


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

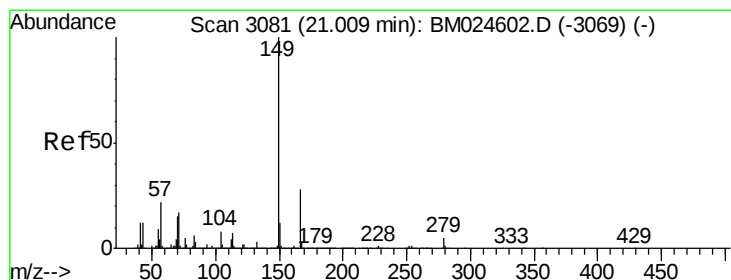
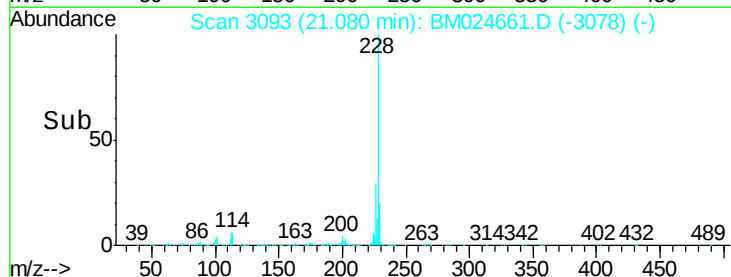
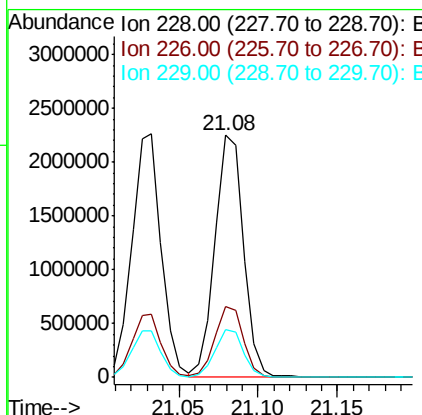
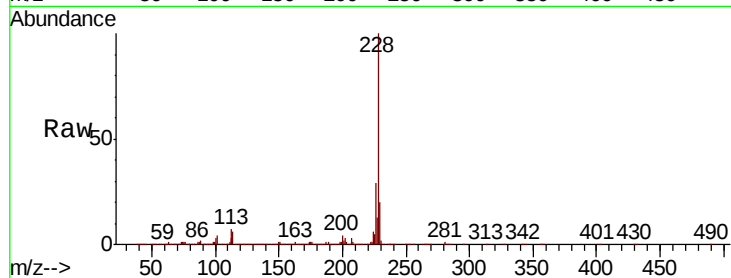




#83
 Chrysene
 Concen: 46.416 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

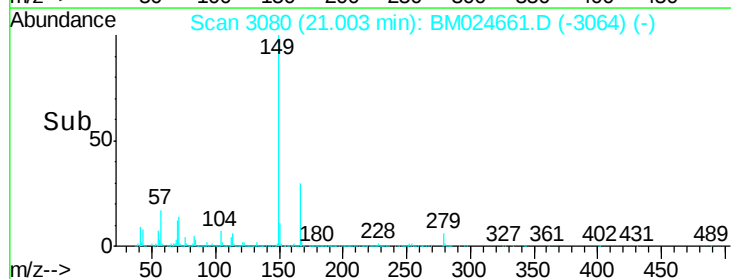
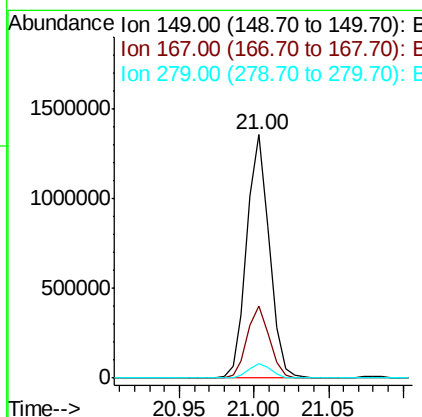
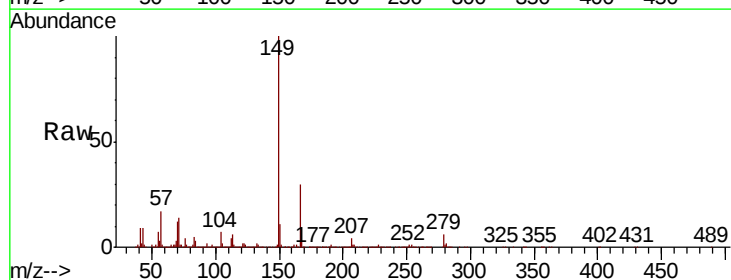
Instrument :
 BNA_M
 ClientSampleId :

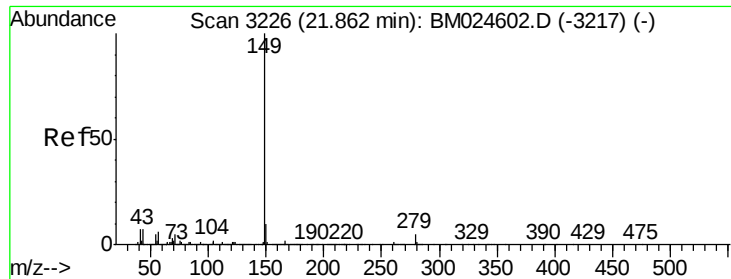
Tot Ion:228 Resp: 2807362
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.2 34.8
 229 19.7 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.911 ng
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion:149 Resp: 1413164
 Ion Ratio Lower Upper
 149 100
 167 29.9 22.5 33.7
 279 6.2 4.0 6.0#





#85

Di-n-octyl phthalate

Concen: 41.468 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

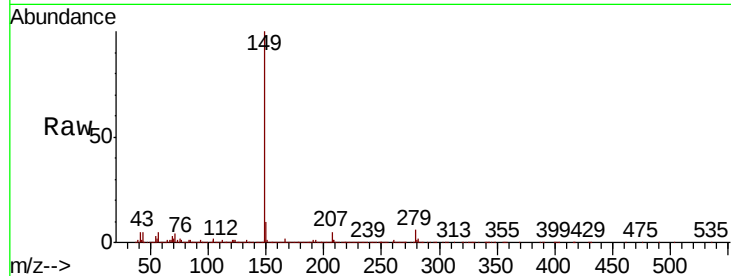
Tot Ion:149 Resp: 2553759

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 5.7 5.8 8.6#

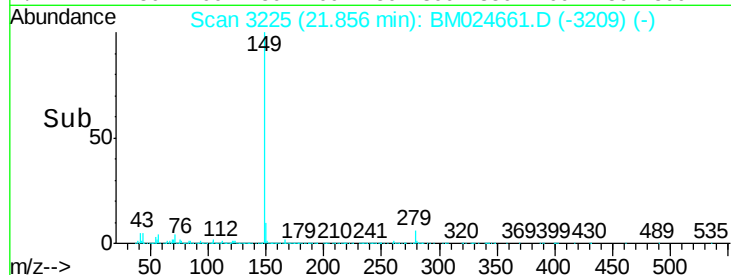


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

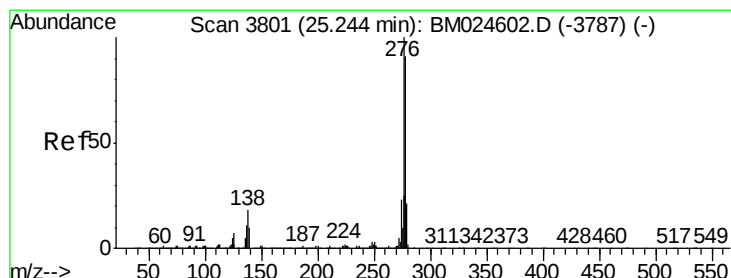
Ion 43.00 (42.70 to 43.70): B

Time-->



21.86

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.751 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

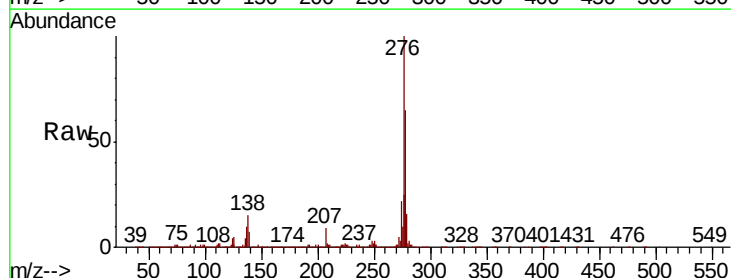
Tgt Ion:276 Resp: 4202585

Ion Ratio Lower Upper

276 100

138 15.7 13.4 20.0

277 25.3 19.6 29.4

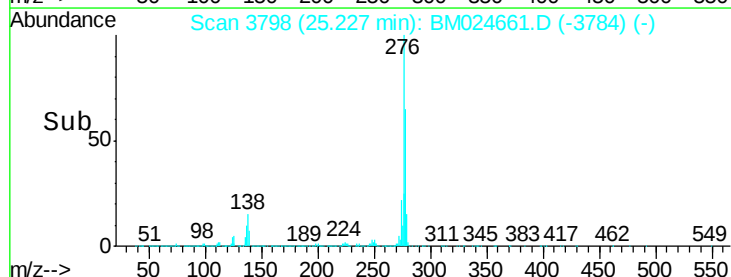


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

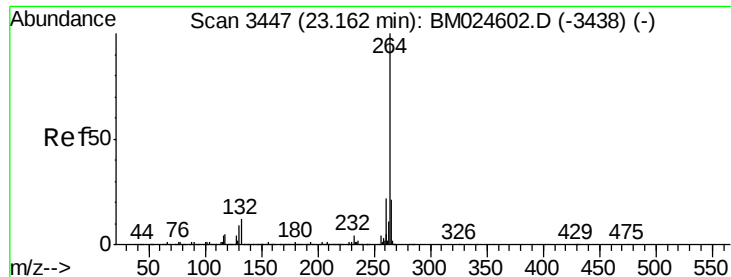
Ion 277.00 (276.70 to 277.70): E

Time-->



25.23

Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

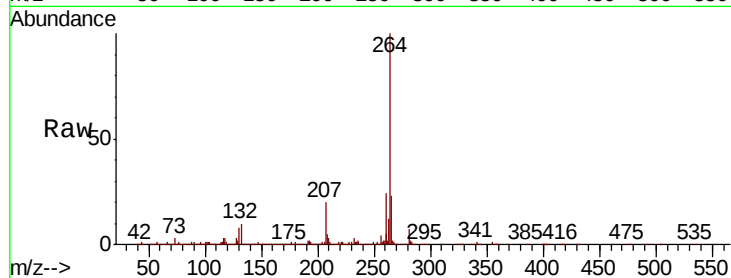
Tot Ion:264 Resp: 1187814

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.6	17.3	25.9

264 100

260 23.6 17.9 26.9

265 22.6 17.3 25.9

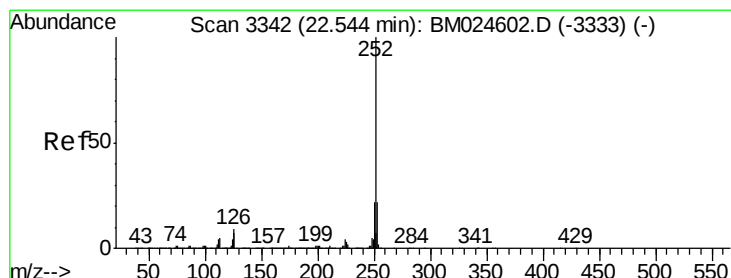
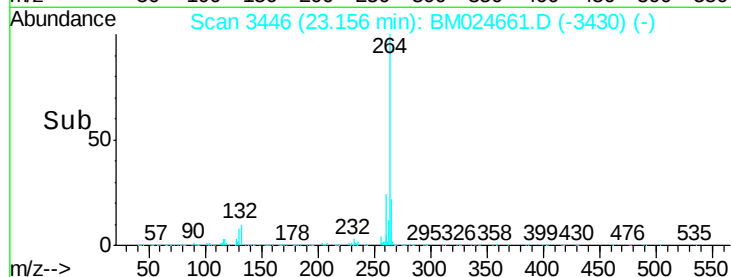
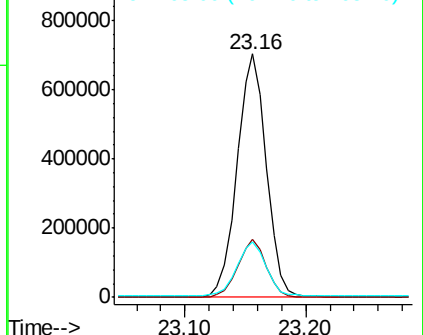


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.725 ng

RT: 22.54 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

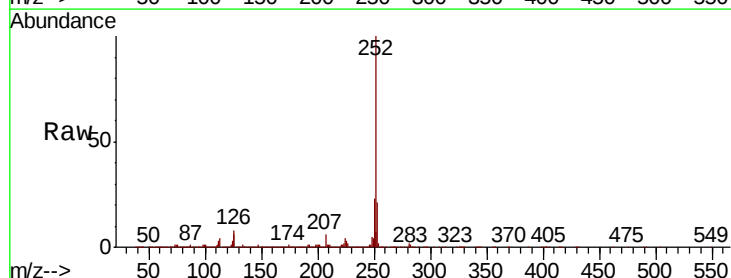
Tgt Ion:252 Resp: 3291510

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	6.0	5.7	8.5

252 100

253 21.4 17.6 26.4

125 6.0 5.7 8.5

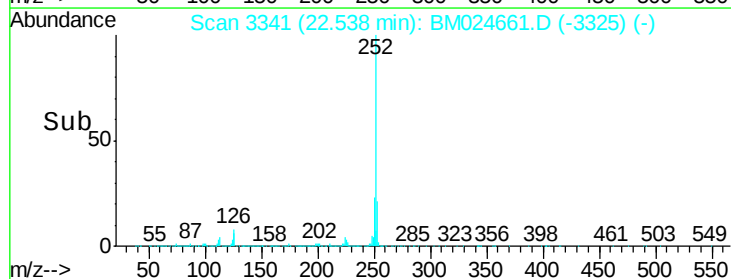
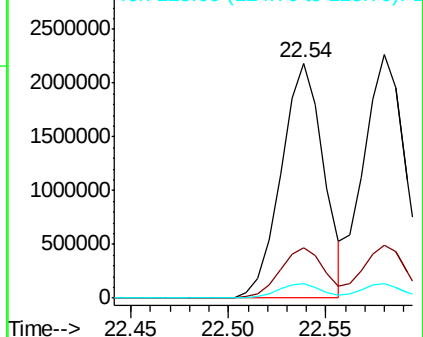


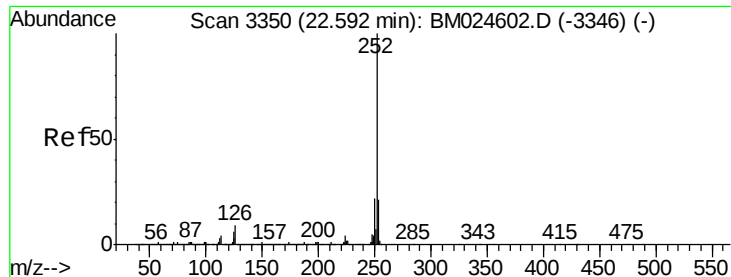
Abundance

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: 44.457 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

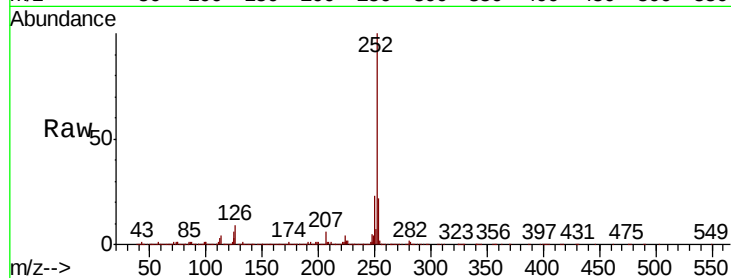
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 3343057

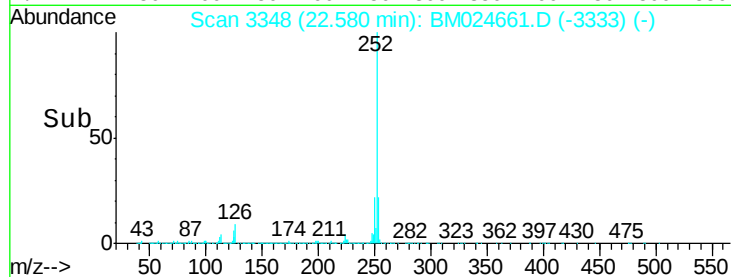
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	6.1	5.2	7.8



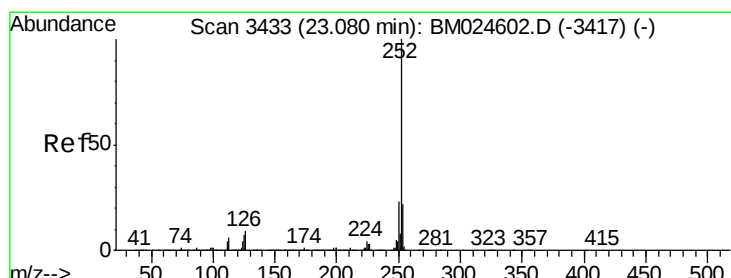
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 44.858 ng

RT: 23.07 min Scan# 3431

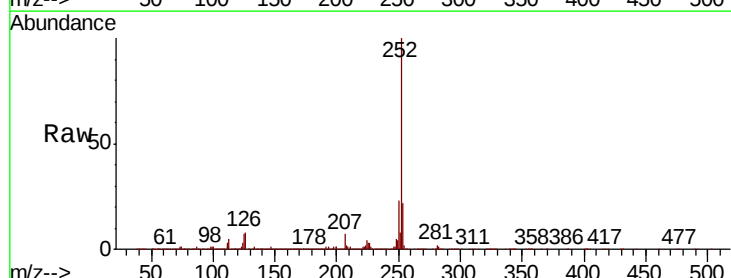
Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:252 Resp: 3141910

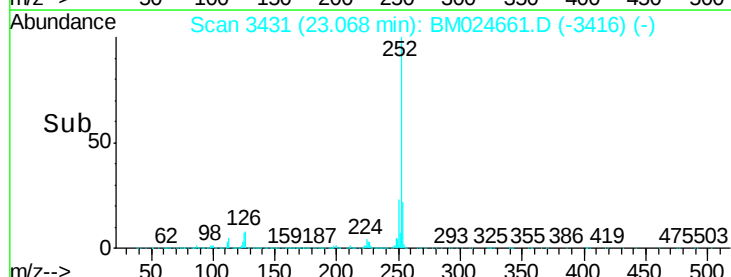
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	6.7	5.8	8.8



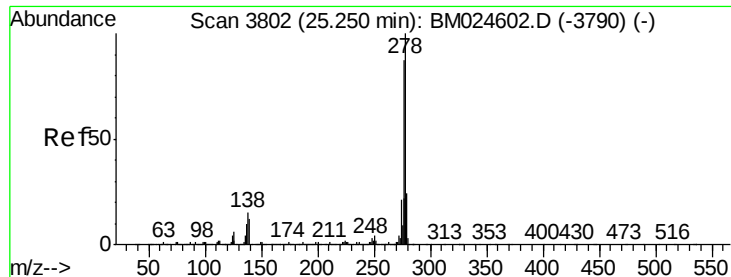
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

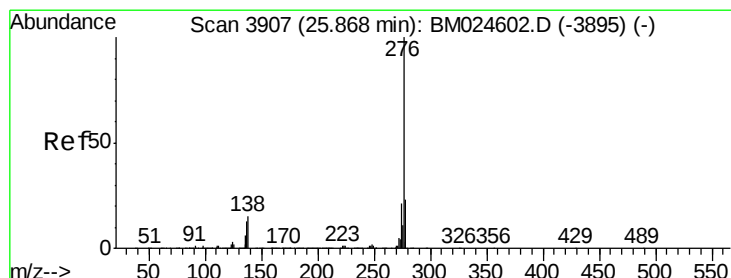
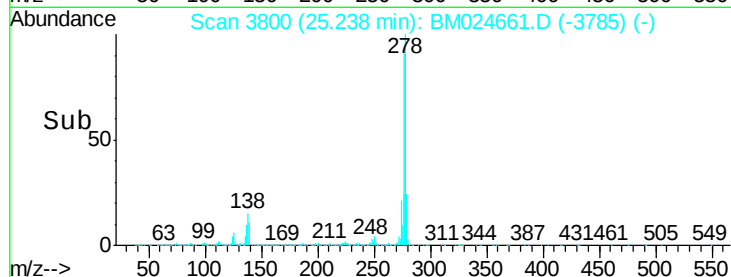
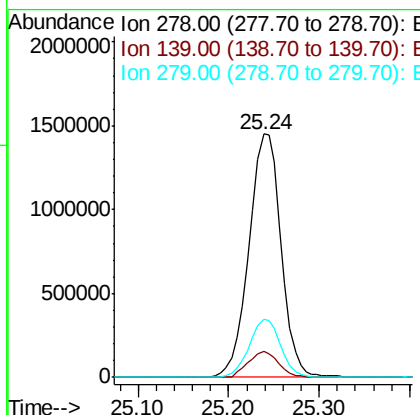
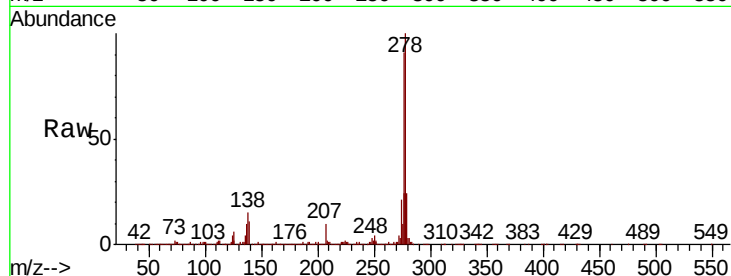


#91
Dibenzo(a,h)anthracene
Concen: 53.575 ng
RT: 25.24 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 3561639

Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.3	13.9
279	23.7	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 58.857 ng
RT: 25.86 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:276 Resp: 3552871

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	13.1	11.9	17.9

