

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024687.D
 Acq On : 31 Jan 2020 22:10
 Operator : CG/JU
 Sample : L1004-18MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 01:00:27 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	202903	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	726007	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	496887	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1161749	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1261719	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1454407	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	1464310	137.25	ng	-0.01
7) Phenol-d6	6.63	99	1737922	118.25	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1179521	79.68	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	1238627	153.25	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	3363895	92.04	ng	-0.02
79) Terphenyl-d14	19.49	244	6648651	98.38	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	165164	39.134	ng	# 59
3) Pyridine	3.45	79	363997	29.751	ng	93
4) n-Nitrosodimethylamine	3.36	42	193760	35.679	ng	86
6) Aniline	6.77	93	214806	12.006	ng	95
8) 2-Chlorophenol	7.00	128	588021	48.414	ng	92
9) Benzaldehyde	6.57	77	248852	28.655	ng	93
10) Phenol	6.65	94	656806	44.831	ng	96
11) bis(2-Chloroethyl)ether	6.87	93	479708	40.900	ng	94
12) 1,3-Dichlorobenzene	7.32	146	646910	43.356	ng	96
13) 1,4-Dichlorobenzene	7.46	146	660890	43.660	ng	97
14) 1,2-Dichlorobenzene	7.77	146	629446	43.079	ng	98
15) Benzyl Alcohol	7.67	79	487380	40.220	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.96	45	353714	32.943	ng	95
17) 2-Methylphenol	7.88	107	454650	44.037	ng	96
18) Hexachloroethane	8.49	117	224987	38.491	ng	90
19) n-Nitroso-di-n-propylamine	8.23	70	383185	34.724	ng	95
20) 3+4-Methylphenols	8.20	107	615535	43.070	ng	97
22) Acetophenone	8.24	105	795257	42.481	ng	96
24) Nitrobenzene	8.60	77	584028	41.168	ng	93
25) Isophorone	9.13	82	1064357	42.314	ng	97
26) 2-Nitrophenol	9.31	139	335827	51.123	ng	90
27) 2,4-Dimethylphenol	9.39	122	510578	57.197	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	651254	42.382	ng	99
29) 2,4-Dichlorophenol	9.85	162	634700	52.627	ng	98
30) 1,2,4-Trichlorobenzene	10.05	180	701637	48.238	ng	96
31) Naphthalene	10.23	128	1695232	46.231	ng	99
32) Benzoic acid	9.55	122	342836	41.985	ng	94
33) 4-Chloroaniline	10.36	127	61701	3.839	ng	94
34) Hexachlorobutadiene	10.53	225	461542	45.902	ng	99
35) Caprolactam	11.13	113	71843	18.568	ng	85
36) 4-Chloro-3-methylphenol	11.49	107	591123	46.095	ng	91
37) 2-Methylnaphthalene	11.86	142	1335814	47.205	ng	99
38) 1-Methylnaphthalene	12.08	142	1267975	47.105	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	831170	46.869	ng	99

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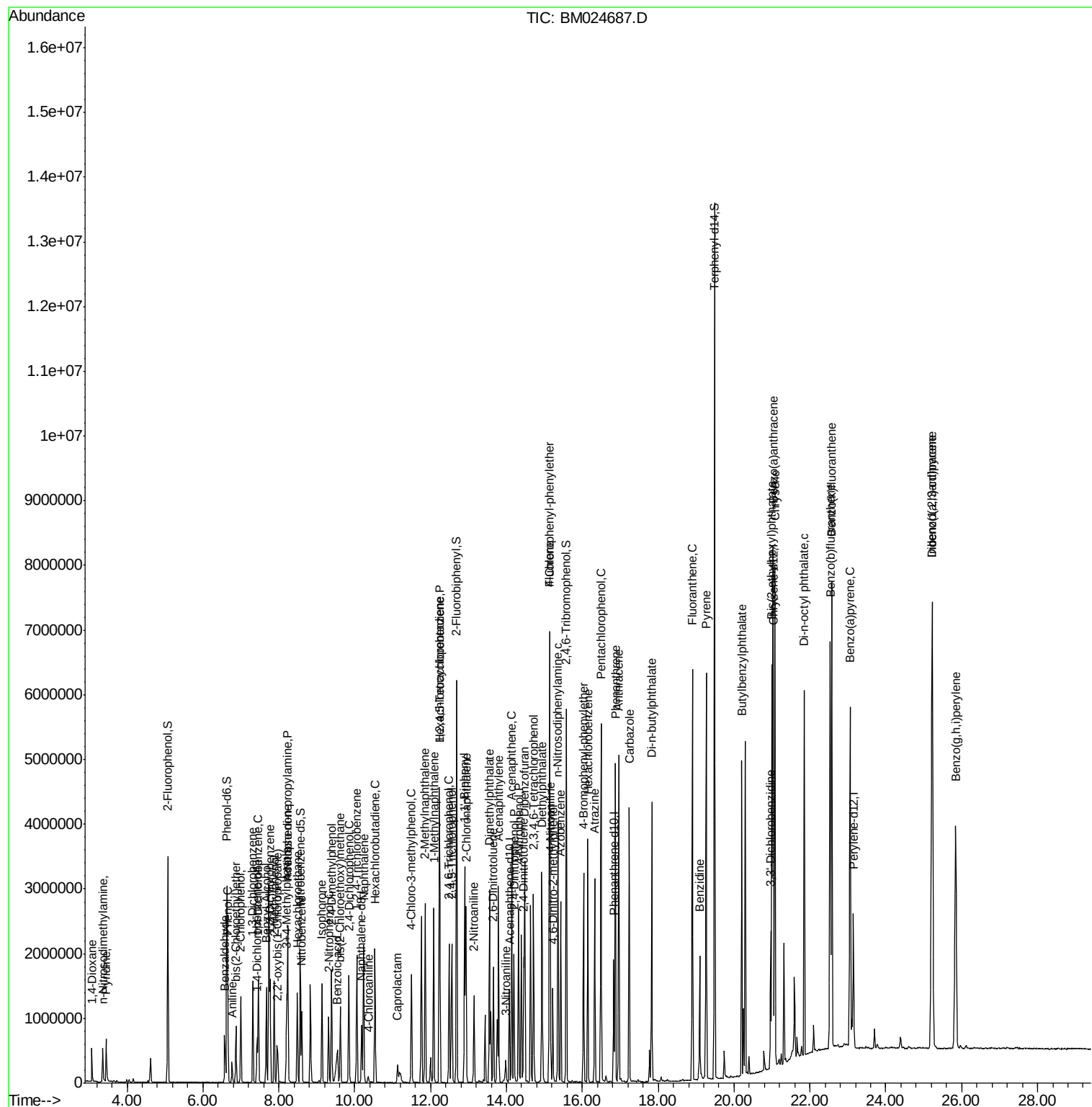
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	926825	93.240	nq	99
43) 2,4,6-Trichlorophenol	12.49	196	579518	51.353	nq	97
44) 2,4,5-Trichlorophenol	12.56	196	616548	53.496	nq	97
46) 1,1'-Biphenyl	12.90	154	1770860	47.093	nq	98
47) 2-Chloronaphthalene	12.93	162	1425032	46.942	nq	98
48) 2-Nitroaniline	13.15	65	339431	36.660	nq	85
49) Acenaphthylene	13.79	152	2233133	49.139	nq	100
50) Dimethylphthalate	13.55	163	1976665	49.196	nq	100
51) 2,6-Dinitrotoluene	13.66	165	429972	50.334	nq #	83
52) Acenaphthene	14.14	154	1336671	47.400	nq	99
53) 3-Nitroaniline	13.99	138	97899	11.049	nq	91
54) 2,4-Dinitrophenol	14.20	184	511846	100.198	nq #	85
55) Dibenzofuran	14.48	168	2258659	49.111	nq	96
56) 4-Nitrophenol	14.32	139	731133	105.567	nq	86
57) 2,4-Dinitrotoluene	14.46	165	593426	48.471	nq #	86
58) Fluorene	15.13	166	1843189	47.690	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.72	232	607777	52.002	nq	94
60) Diethylphthalate	14.93	149	1874192	45.946	nq	99
61) 4-Chlorophenyl-phenylether	15.14	204	1035761	46.483	nq	98
62) 4-Nitroaniline	15.16	138	367534	37.581	nq	91
63) Azobenzene	15.43	77	1411166	40.557	nq	94
65) 4,6-Dinitro-2-methylphenol	15.22	198	373644	54.700	nq	88
66) n-Nitrosodiphenylamine	15.36	169	1657523	49.669	nq	100
67) 4-Bromophenyl-phenylether	16.03	248	705430	48.828	nq	95
68) Hexachlorobenzene	16.14	284	815302	49.177	nq	96
69) Atrazine	16.33	200	679502	53.047	nq	98
70) Pentachlorophenol	16.49	266	1097234	108.653	nq	98
71) Phenanthrene	16.87	178	3067004	48.752	nq	99
72) Anthracene	16.96	178	3128834	50.829	nq	100
73) Carbazole	17.23	167	2794088	49.861	nq	99
74) Di-n-butylphthalate	17.83	149	3299297	46.055	nq	99
75) Fluoranthene	18.90	202	3931635	50.072	nq	99
77) Benzidine	19.09	184	1153754	39.265	nq	99
78) Pyrene	19.26	202	4042615	48.602	nq	100
80) Butylbenzylphthalate	20.20	149	1544375	44.249	nq	89
81) Benzo(a)anthracene	21.03	228	4209277	48.067	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	692081	21.970	nq	99
83) Chrysene	21.07	228	4036192	48.303	nq	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2265823	43.998	nq	97
85) Di-n-octyl phthalate	21.84	149	3937063	46.274	nq #	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	5193543	57.025	nq	99
88) Benzo(b)fluoranthene	22.53	252	4551180	48.248	nq	99
89) Benzo(k)fluoranthene	22.57	252	4411191	47.909	nq	99
90) Benzo(a)pyrene	23.06	252	4060943	47.351	nq	100
91) Dibenzo(a,h)anthracene	25.23	278	4405520	54.122	nq	99
92) Benzo(g,h,i)perylene	25.84	276	4331967	58.609	nq	98

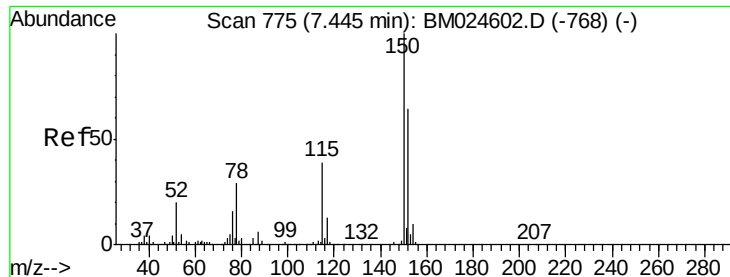
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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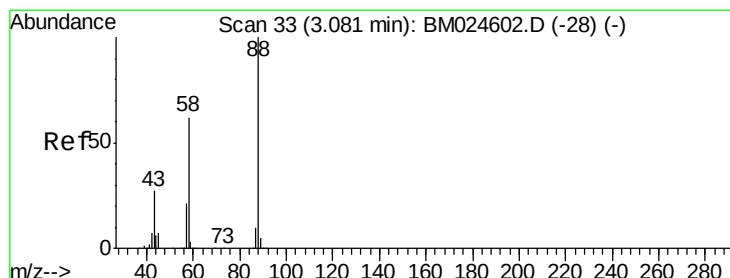
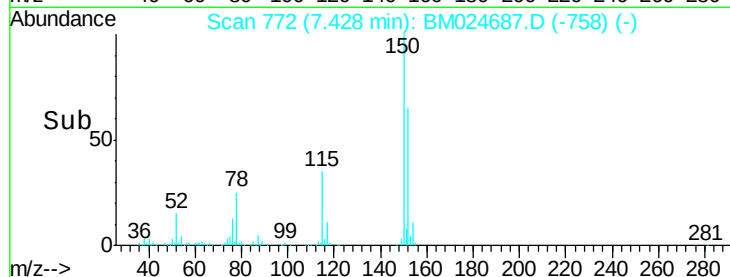
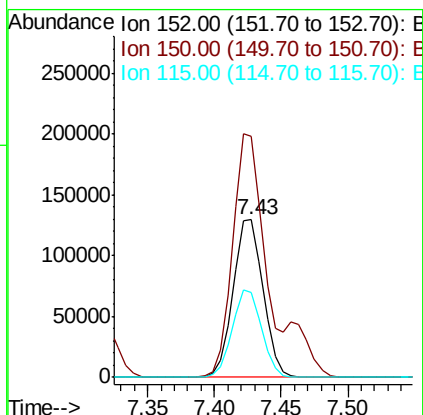
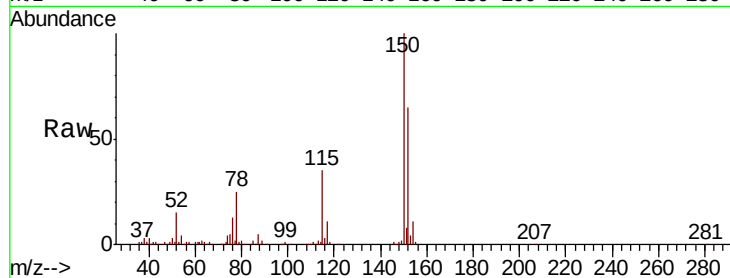


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampled :

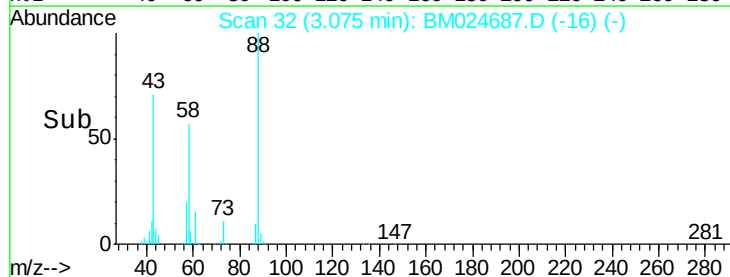
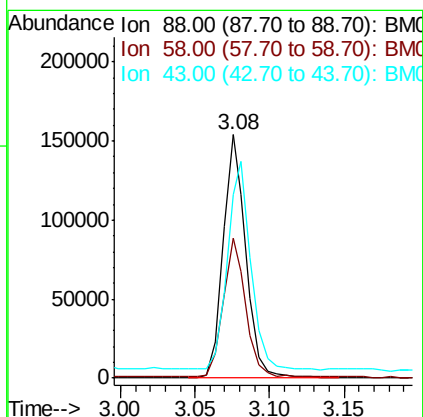
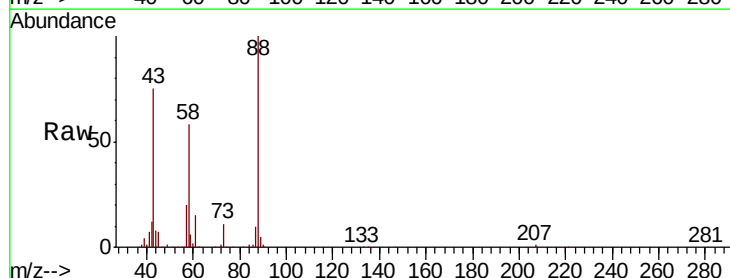
Tot Ion:152 Resp: 202903
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.4
115 54.3 48.6 72.8

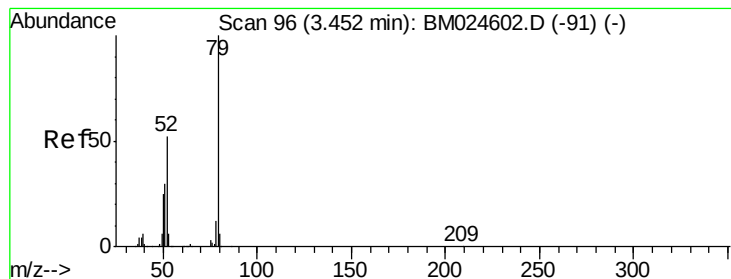


#2

1,4-Dioxane
Concen: 39.134 ng
RT: 3.08 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion: 88 Resp: 165164
Ion Ratio Lower Upper
88 100
58 55.7 50.0 75.0
43 87.4 21.6 32.4#





#3

Pvridine

Concen: 29.751 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

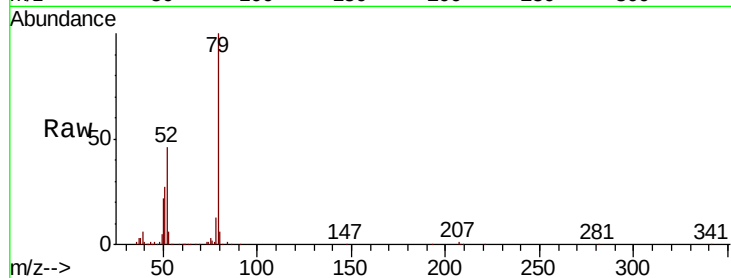
Tot Ion: 79 Resp: 363997

Ion Ratio Lower Upper

79 100

52 46.2 41.4 62.2

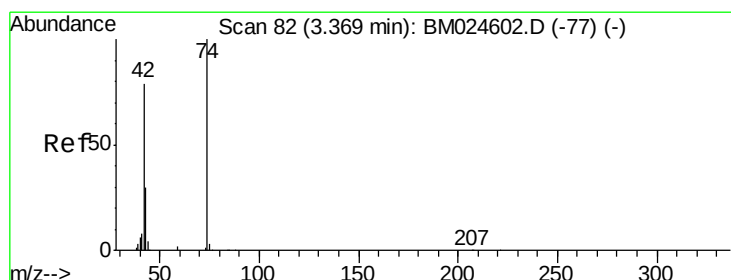
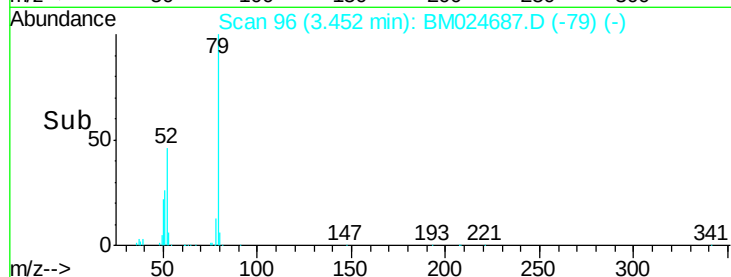
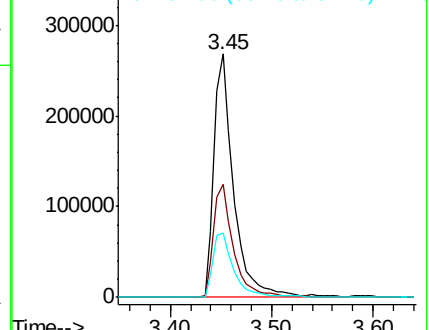
51 26.7 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM024602.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM024602.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 35.679 ng

RT: 3.36 min Scan# 80

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

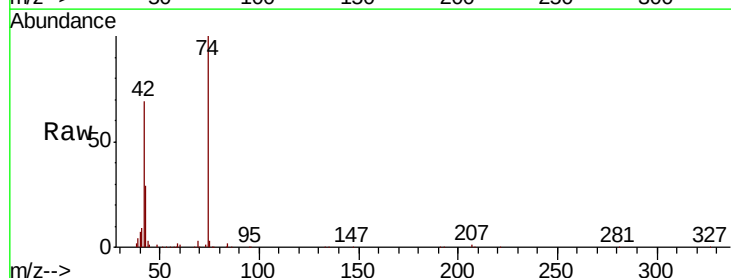
Tgt Ion: 42 Resp: 193760

Ion Ratio Lower Upper

42 100

74 144.0 101.4 152.2

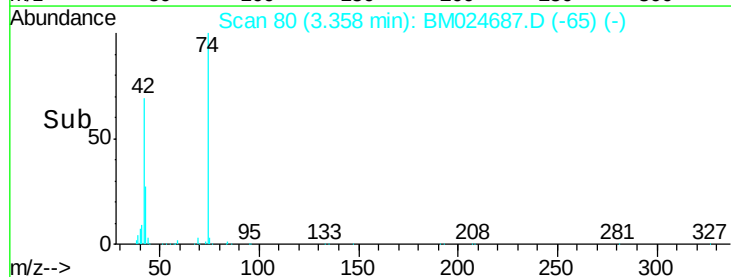
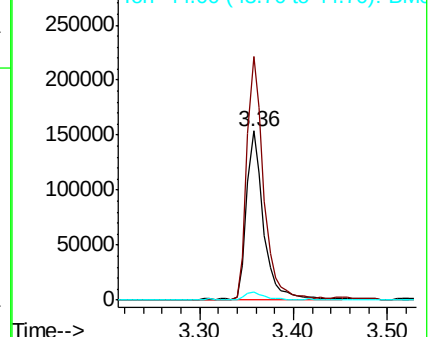
44 5.0 4.6 6.8

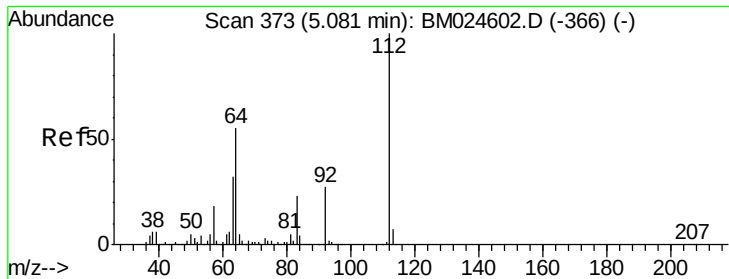


Abundance Ion 42.00 (41.70 to 42.70): BM024602.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM024602.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM024602.D (-77) (-)





#5

2-Fluorophenol

Concen: 137.246 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampled :

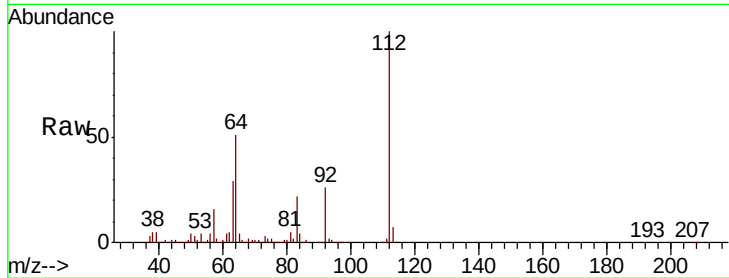
Tot Ion:112 Resp: 1464310

Ion Ratio Lower Upper

112 100

64 50.9 44.2 66.4

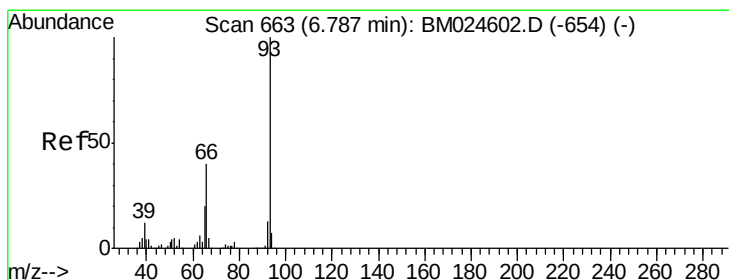
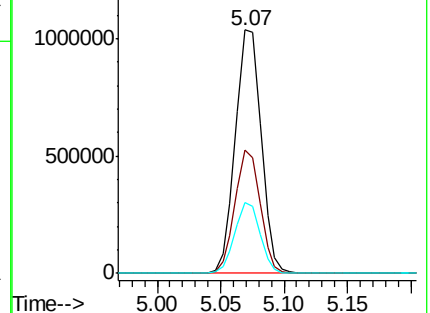
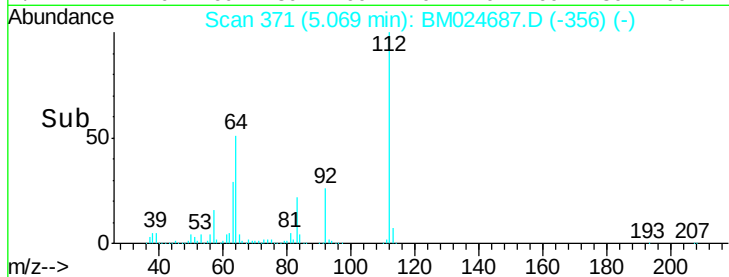
63 29.3 25.9 38.9



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: 12.006 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

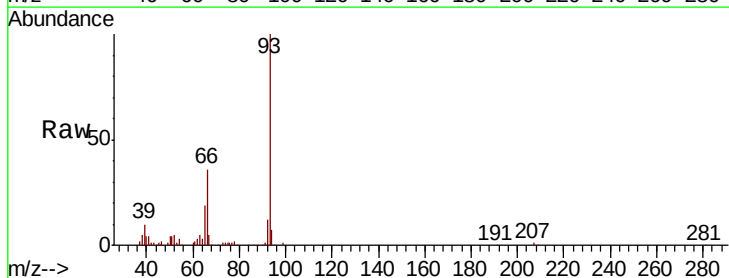
Tgt Ion: 93 Resp: 214806

Ion Ratio Lower Upper

93 100

66 36.0 31.8 47.8

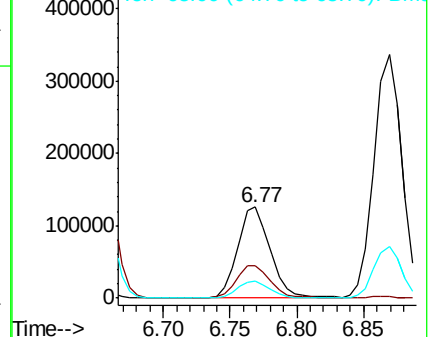
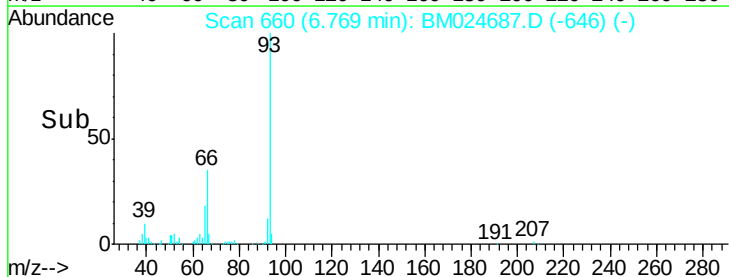
65 18.8 15.8 23.6

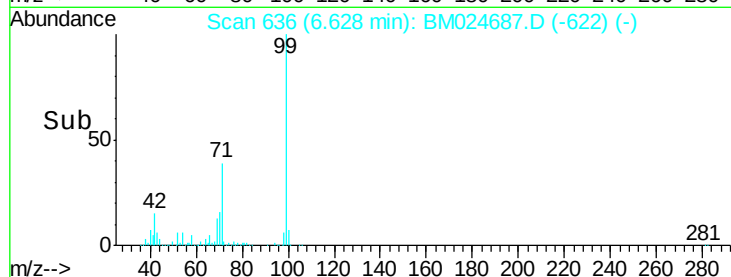
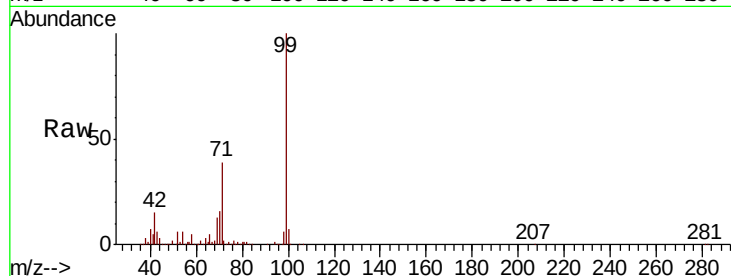
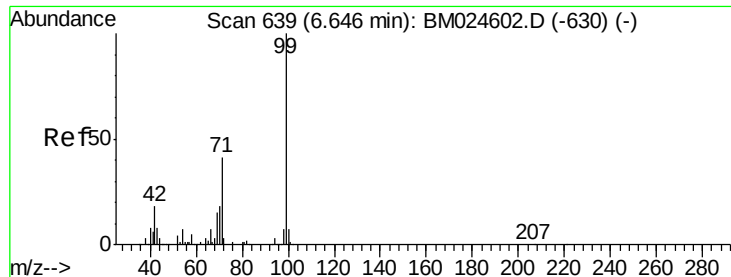


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 118.245 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024687.D

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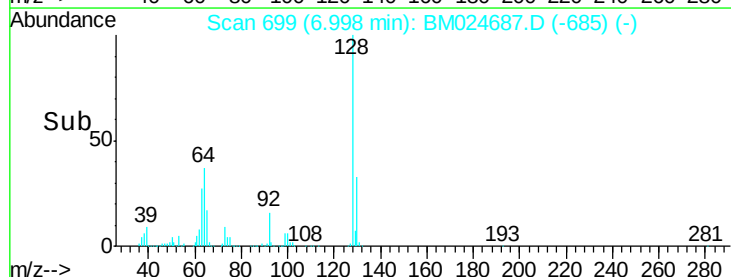
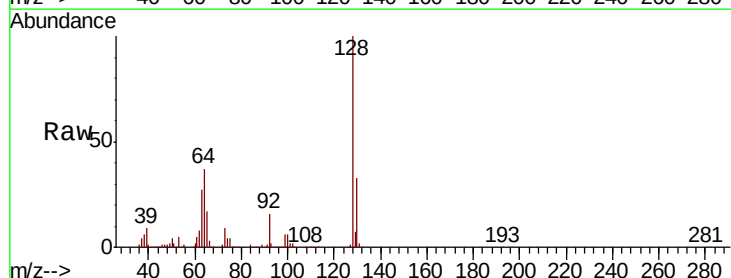
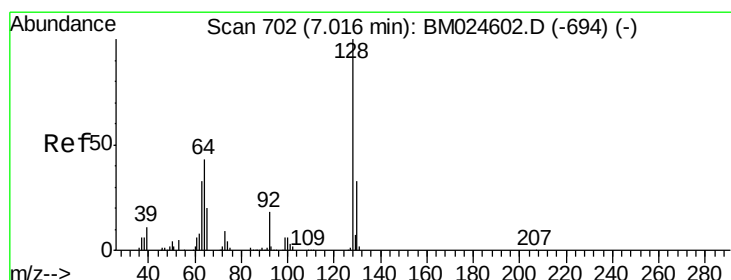
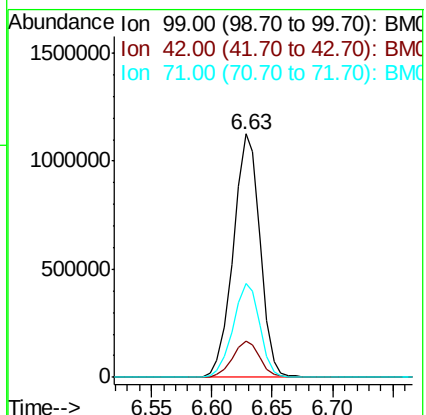
Tot Ion: 99 Resp: 1737922

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 38.6 33.0 49.6



#8

2-Chlorophenol

Concen: 48.414 ng

RT: 7.00 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

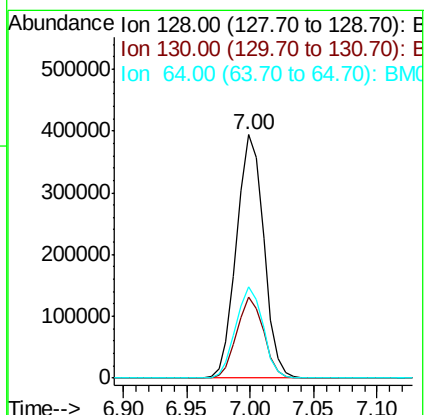
Tgt Ion:128 Resp: 588021

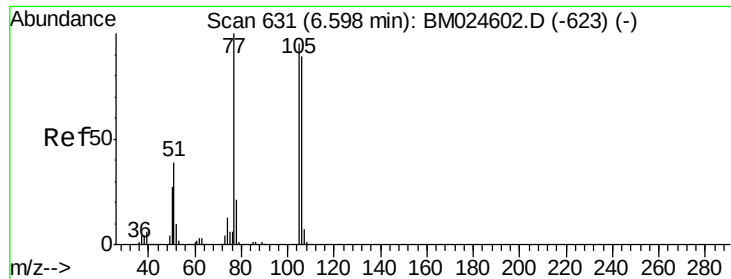
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 37.4 26.1 66.1





#9

Benzaldehyde

Concen: 28.655 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024687.D

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ClientSampleId :

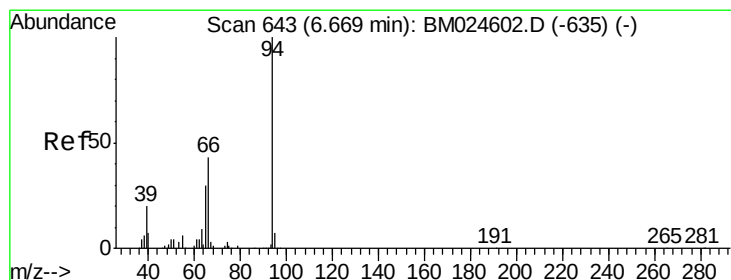
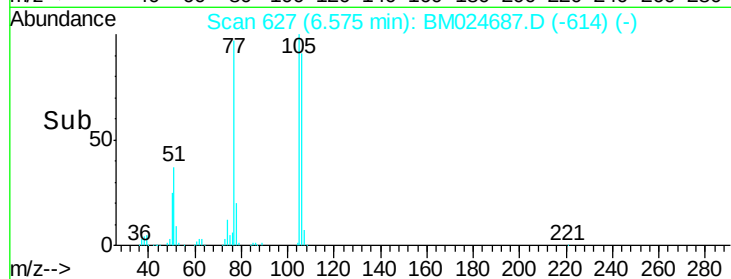
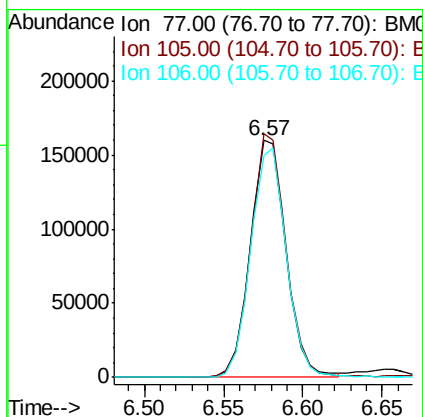
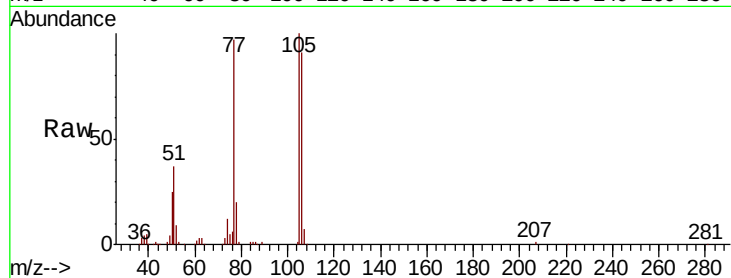
Tot Ion: 77 Resp: 248852

Ion Ratio Lower Upper

77 100

105 102.7 75.2 115.2

106 93.6 68.6 108.6



#10

Phenol

Concen: 44.831 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

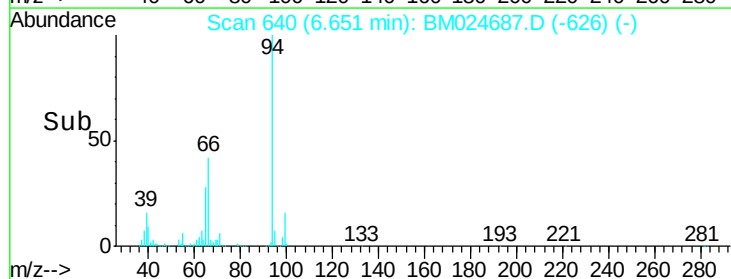
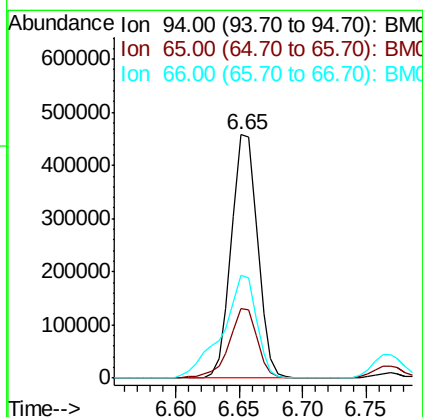
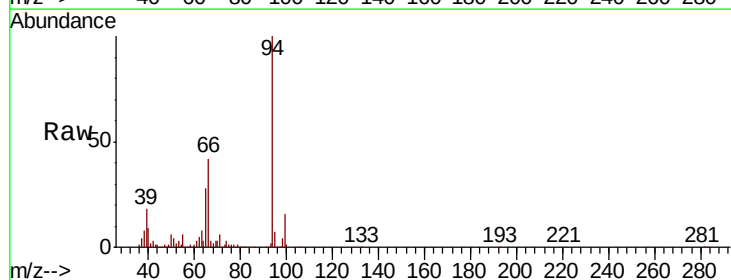
Tgt Ion: 94 Resp: 656806

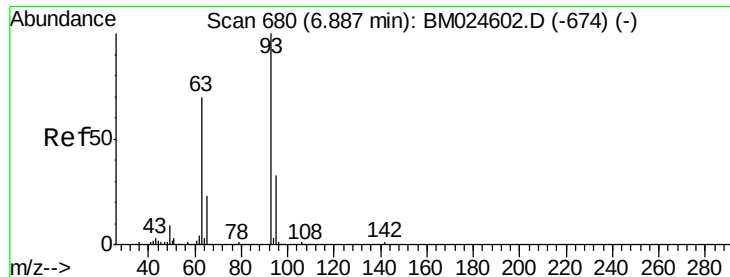
Ion Ratio Lower Upper

94 100

65 28.3 10.3 50.3

66 42.2 24.8 64.8

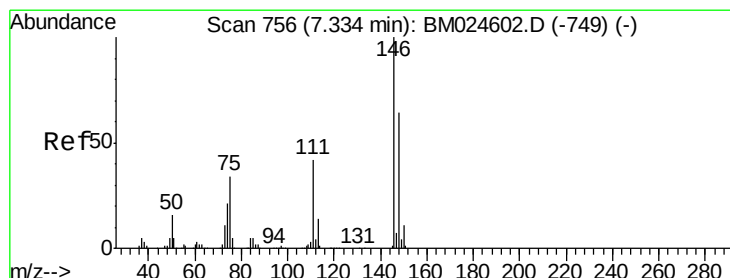
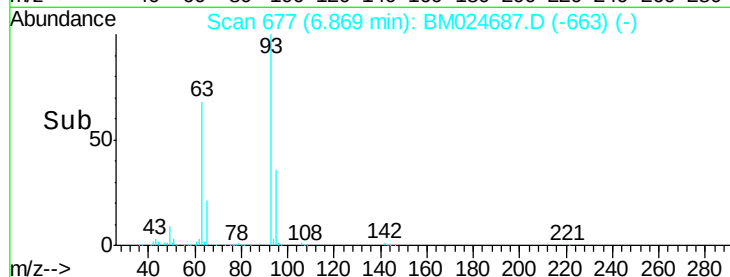
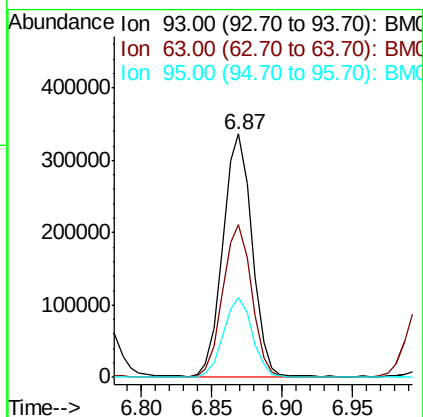
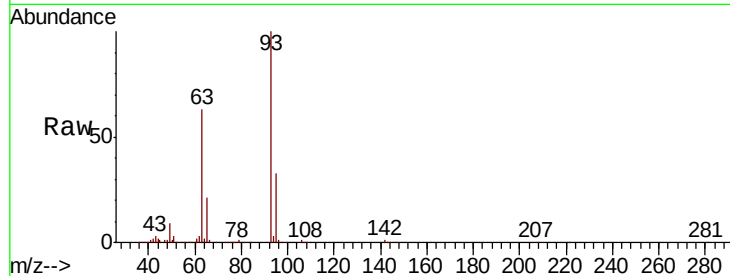




#11
bis(2-Chloroethyl)ether
Concen: 40.900 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

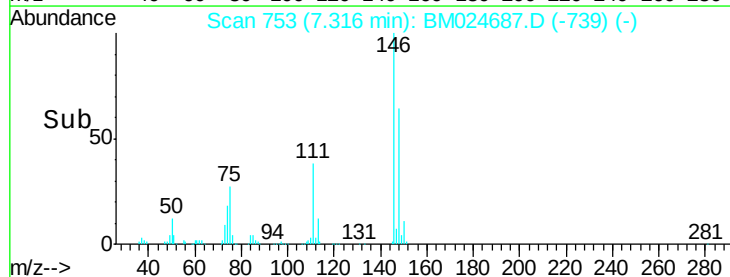
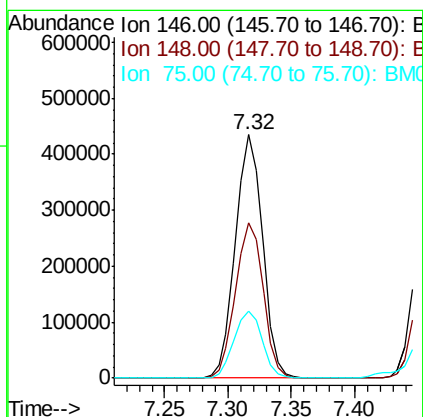
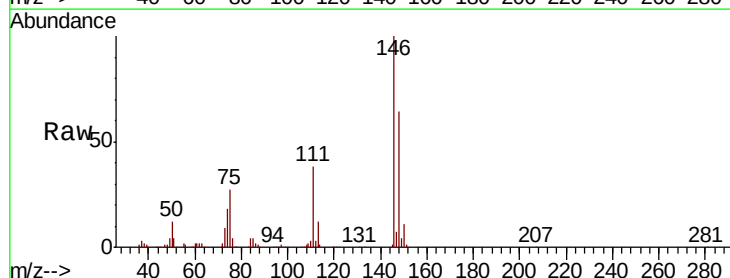
Instrument :
BNA_M
ClientSampleId :

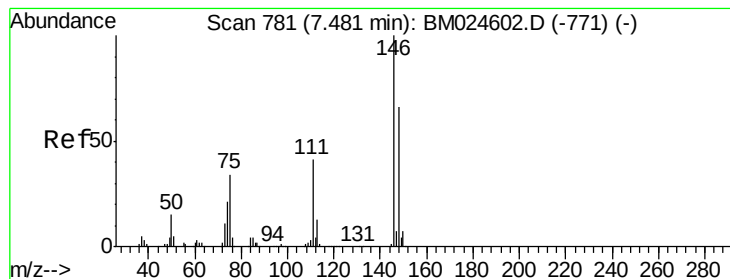
Tot Ion	Ratio	Lower	Upper
93	100		
63	62.6	49.6	89.6
95	33.0	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 43.356 ng
RT: 7.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
75	27.4	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 43.660 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampled :

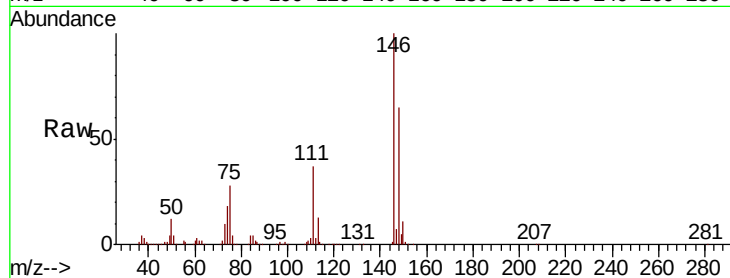
Tot Ion:146 Resp: 660890

Ion Ratio Lower Upper

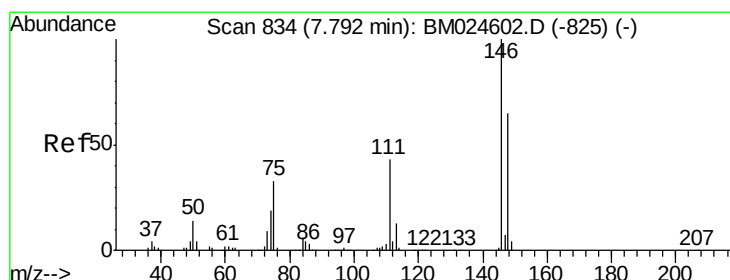
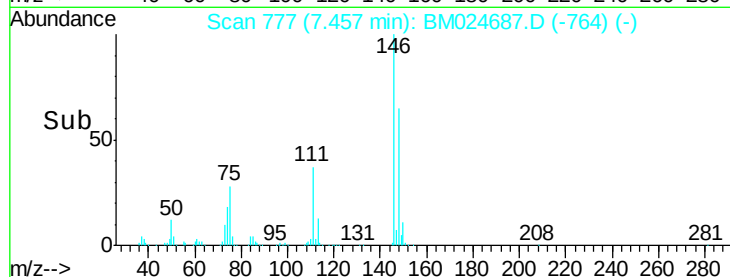
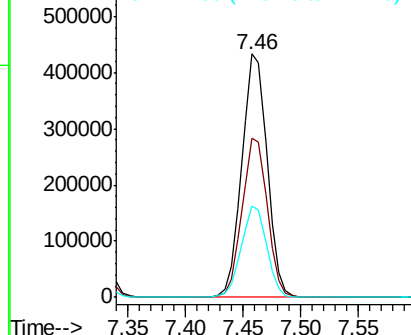
146 100

148 65.3 52.5 78.7

111 37.3 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: 43.079 ng

RT: 7.77 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

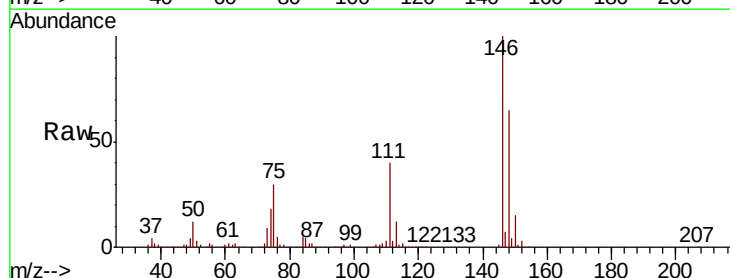
Tgt Ion:146 Resp: 629446

Ion Ratio Lower Upper

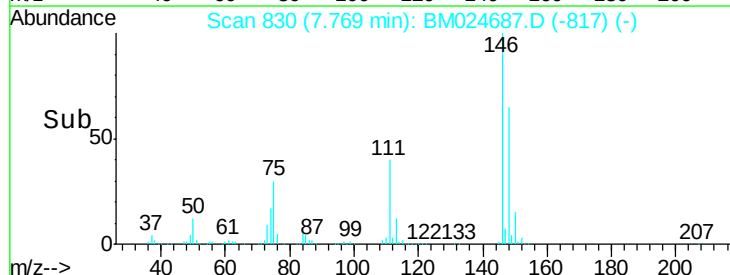
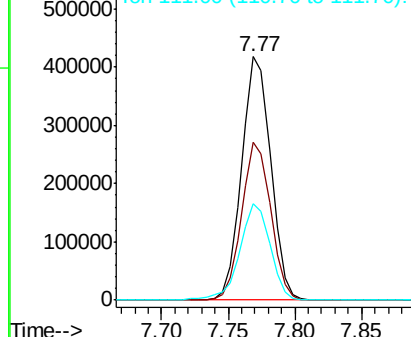
146 100

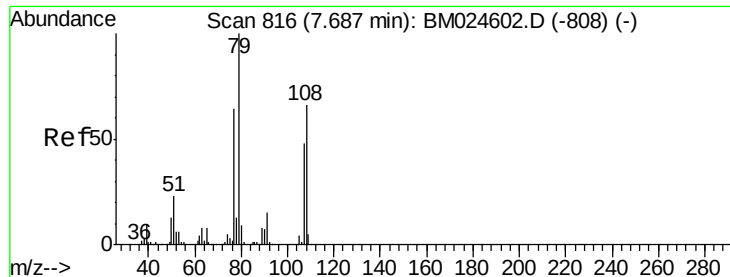
148 64.7 51.9 77.9

111 39.5 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: 40.220 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

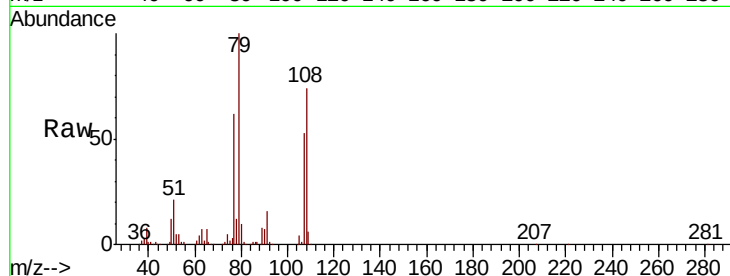
Tot Ion: 79 Resp: 487380

Ion Ratio Lower Upper

79 100

108 73.6 53.0 79.4

77 62.4 50.8 76.2

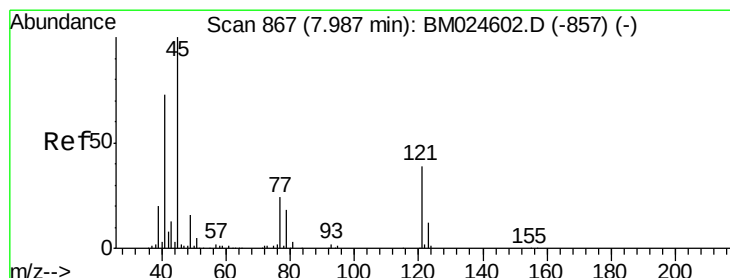
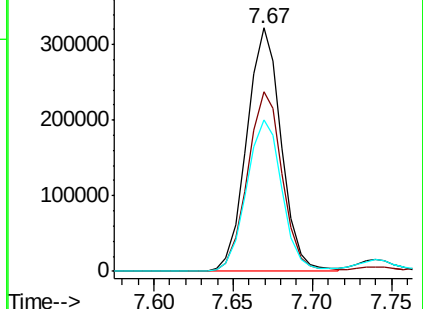
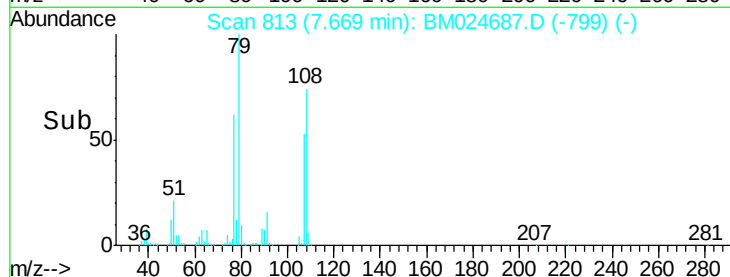


Abundance Ion 79.00 (78.70 to 79.70): BM024687.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM024687.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM024687.D (-813) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.943 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

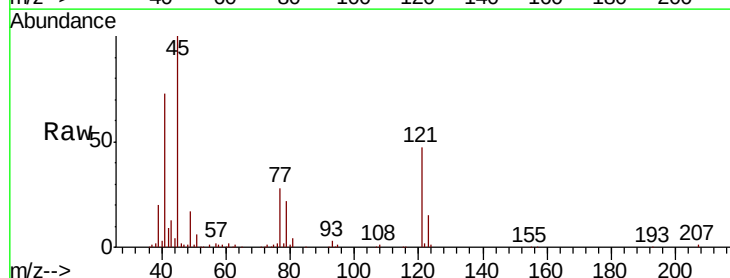
Tgt Ion: 45 Resp: 353714

Ion Ratio Lower Upper

45 100

77 27.9 5.2 45.2

79 21.8 0.0 39.4

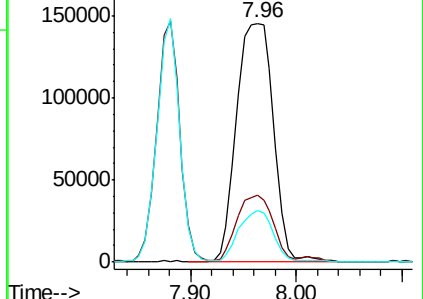
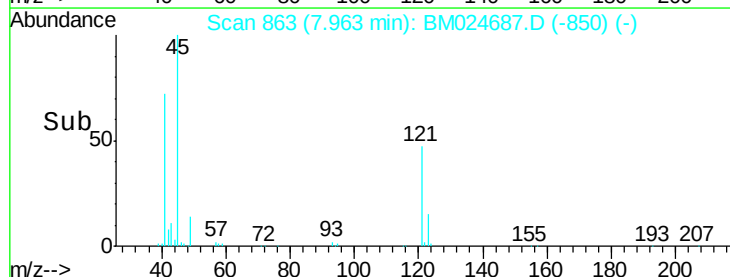


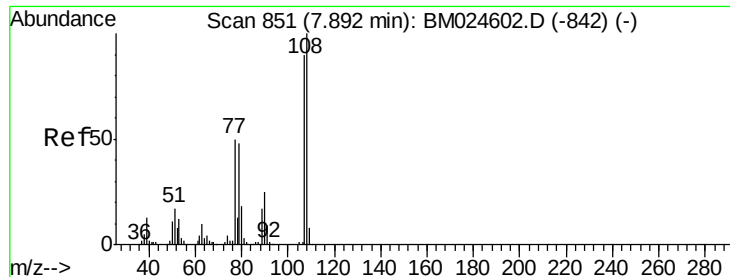
Abundance Ion 45.00 (44.70 to 45.70): BM024687.D (-863) (-)

Ion 77.00 (76.70 to 77.70): BM024687.D (-863) (-)

Ion 79.00 (78.70 to 79.70): BM024687.D (-863) (-)

Time-->





#17

2-Methylphenol

Concen: 44.037 ng

RT: 7.88 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 454650

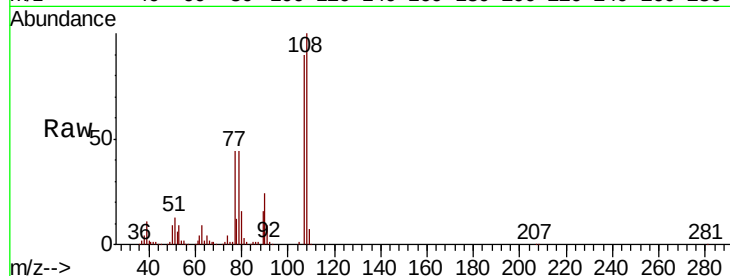
Ion Ratio Lower Upper

107 100

108 111.1 88.9 133.3

77 48.4 44.5 66.7

79 48.9 42.9 64.3



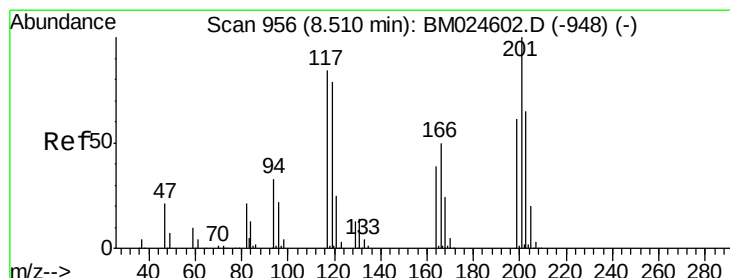
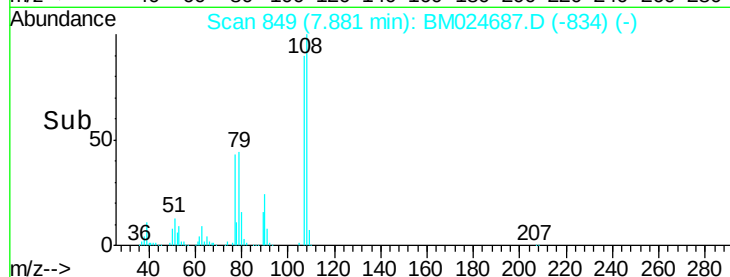
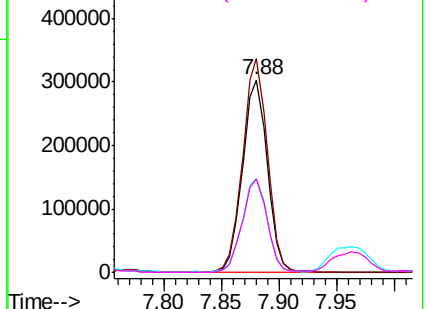
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 38.491 ng

RT: 8.49 min Scan# 952

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

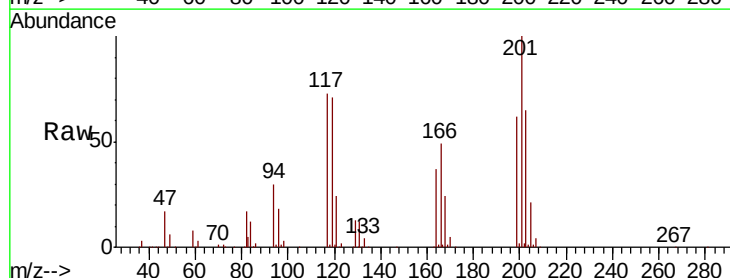
Tgt Ion:117 Resp: 224987

Ion Ratio Lower Upper

117 100

119 97.2 75.4 113.2

201 137.2 95.8 143.6

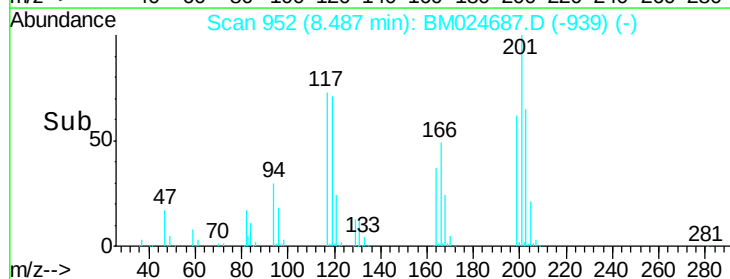
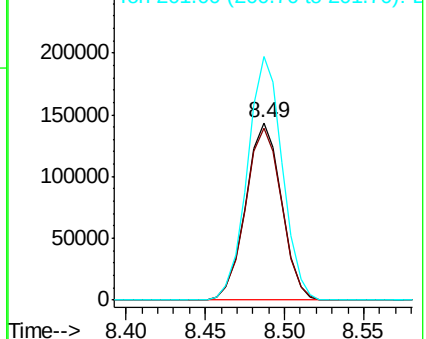


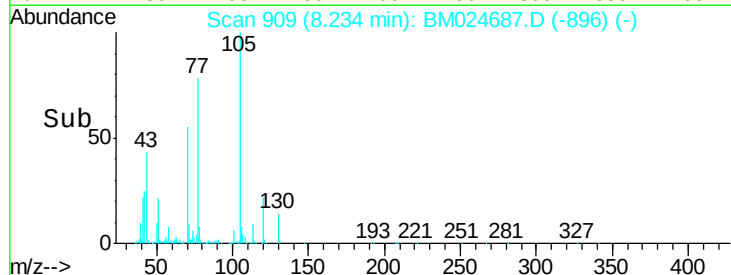
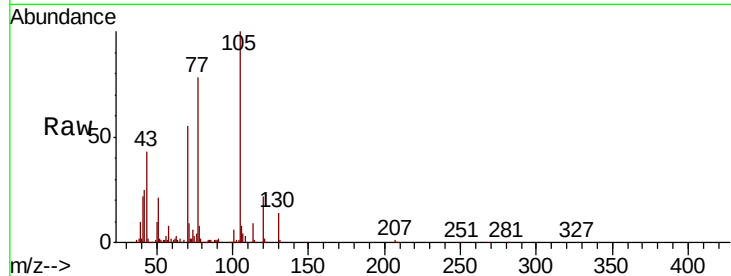
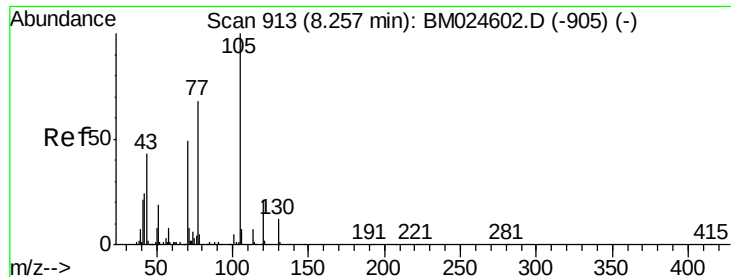
Abundance

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

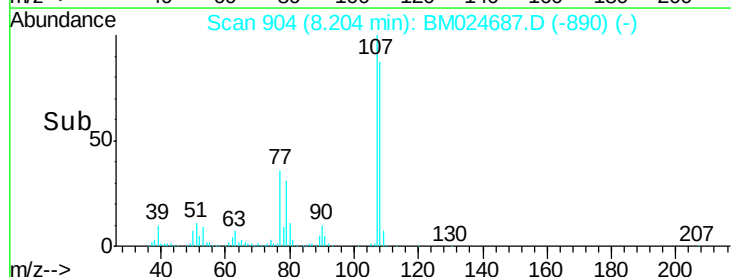
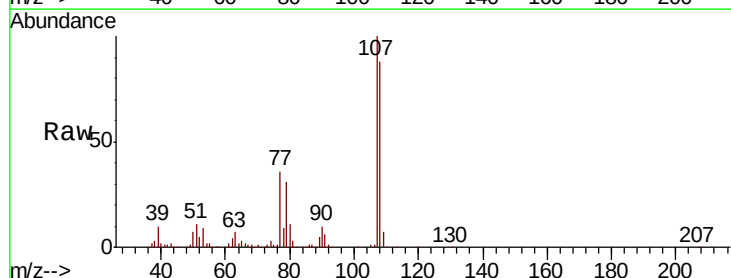
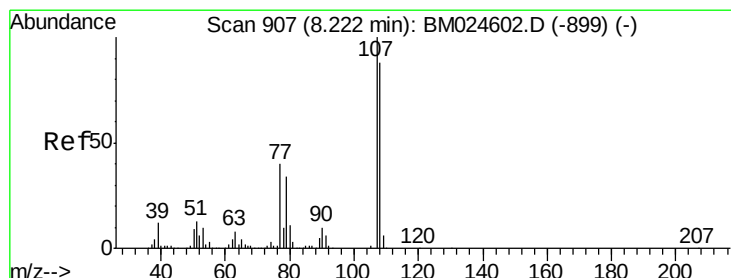
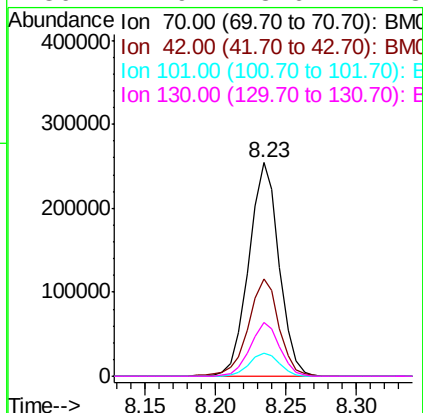




#19
n-Nitroso-di-n-propylamine
Concen: 34.724 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

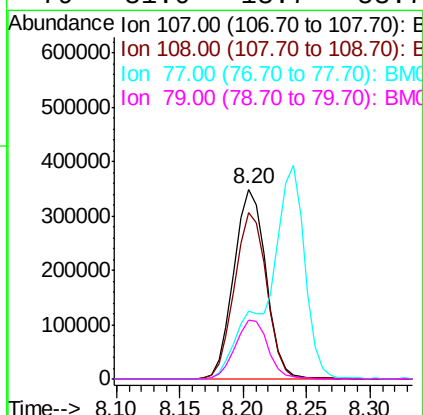
Instrument :
BNA_M
ClientSampleId :

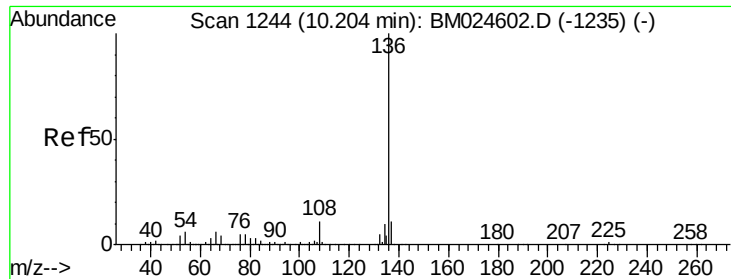
Tot Ion:	70	Resp:	383185
Ion	Ratio	Lower	Upper
70	100		
42	45.8	40.0	60.0
101	10.7	8.2	12.2
130	24.9	18.6	27.8



#20
3+4-Methylphenols
Concen: 43.070 ng
RT: 8.20 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:	107	Resp:	615535
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.0	108.0
77	36.0	19.9	59.9
79	31.0	13.7	53.7

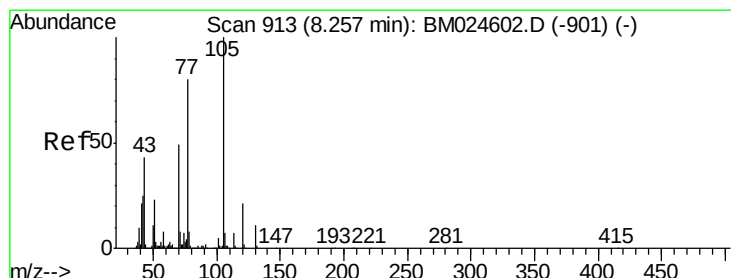
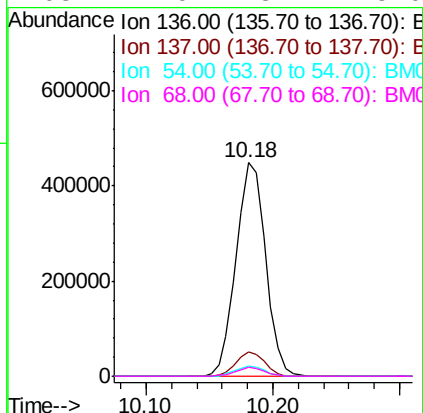
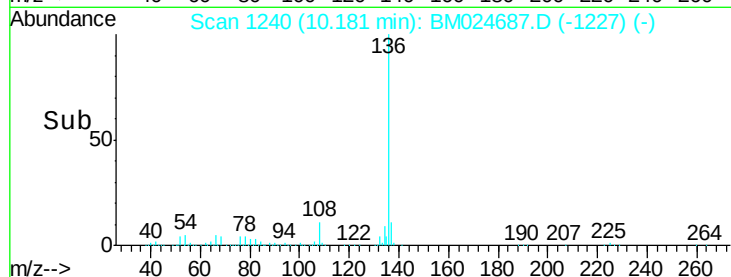
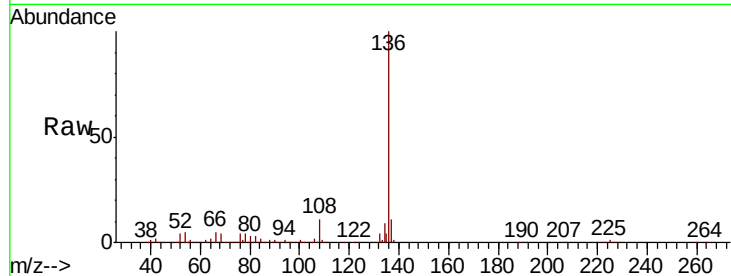




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

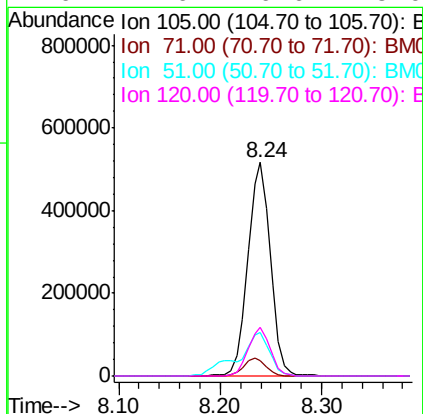
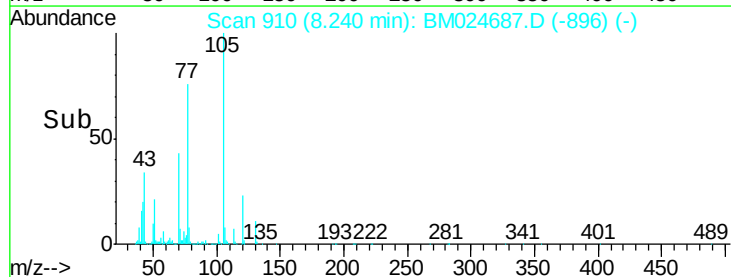
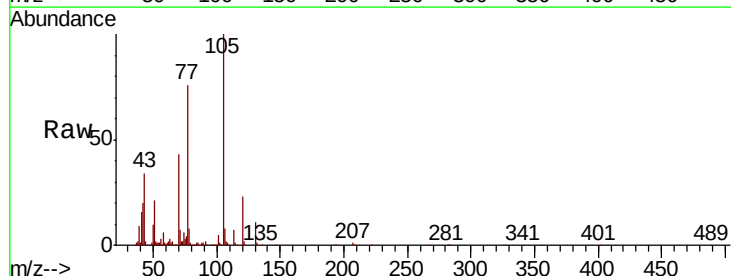
Instrument :
BNA_M
ClientSampleId :

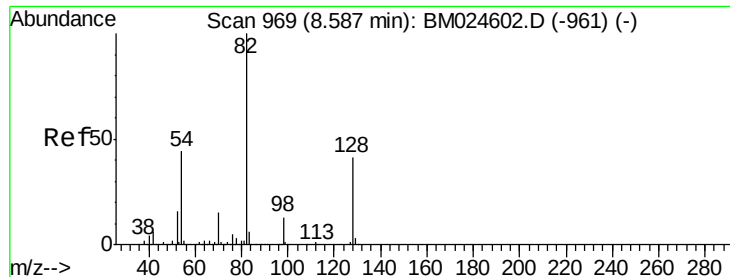
Tot Ion:136	Resp:	726007
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.6	13.0
54 4.7	4.5	6.7
68 4.0	3.4	5.0



#22
Acetophenone
Concen: 42.481 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt	Ion:105	Resp:	795257
Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.7	10.1
51	20.6	18.5	27.7
120	22.6	16.6	25.0



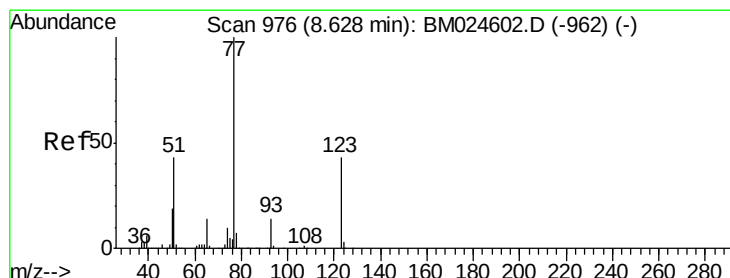
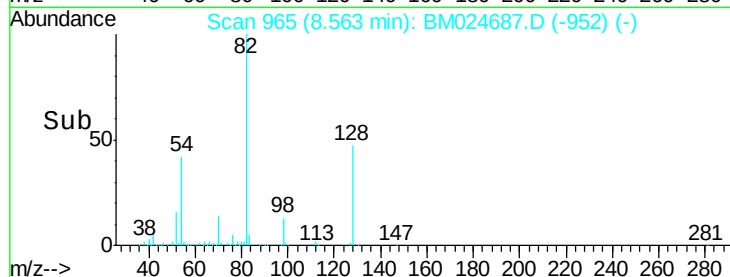
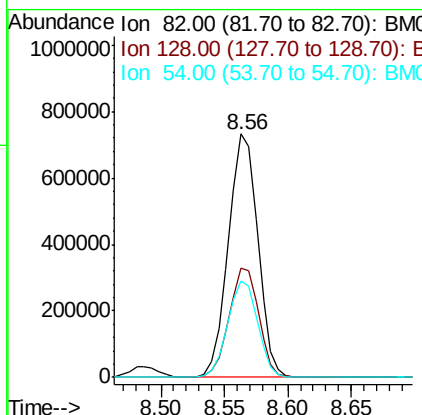
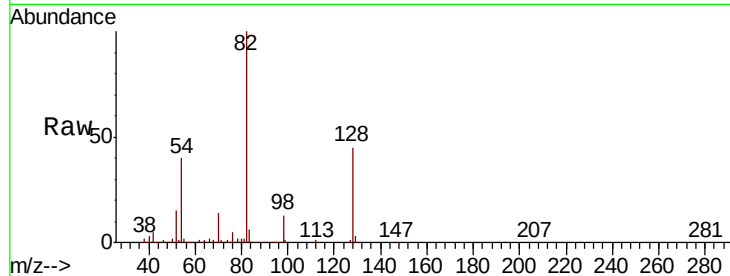


#23
 Nitrobenzene-d5
 Concen: 79.676 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1179521

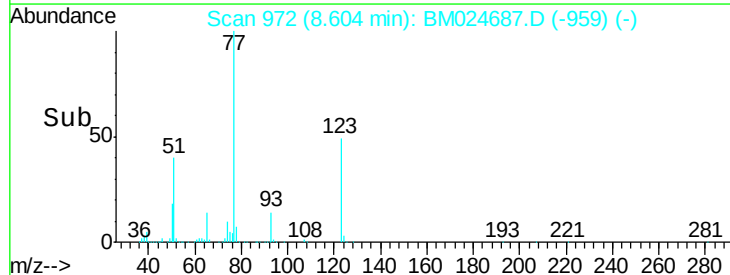
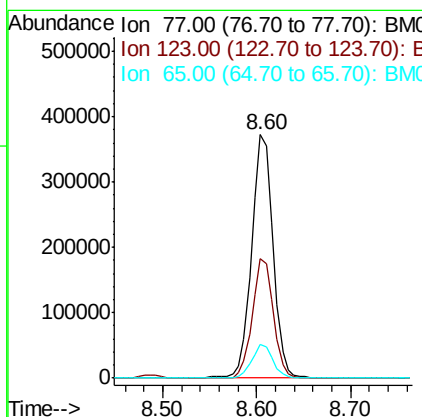
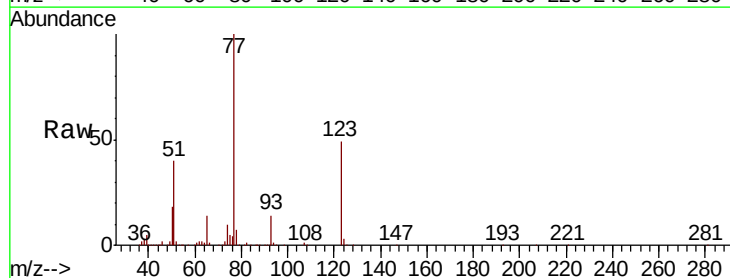
Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.6	48.8
54	39.6	34.8	52.2

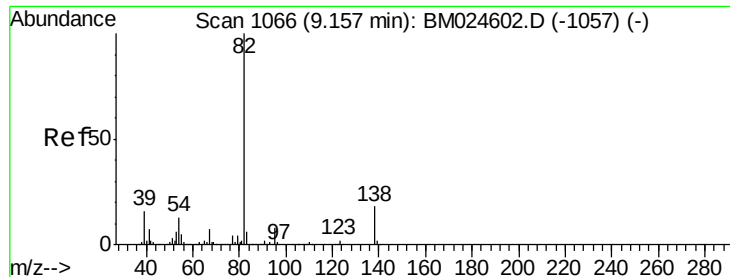


#24
 Nitrobenzene
 Concen: 41.168 ng
 RT: 8.60 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion: 77 Resp: 584028

Ion	Ratio	Lower	Upper
77	100		
123	48.9	34.6	52.0
65	13.8	11.0	16.4





#25

Isophorone

Concen: 42.314 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

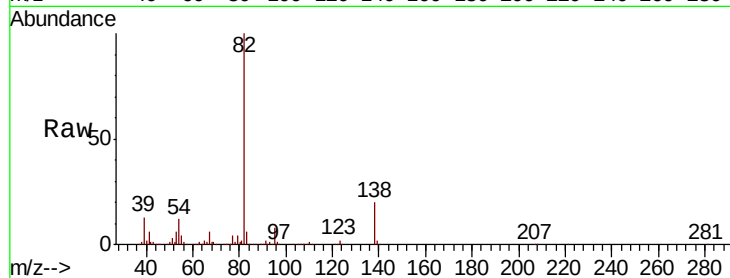
Tot Ion: 82 Resp: 1064357

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.7	10.1
138	20.3	14.7	22.1

82 100

95 8.3 6.7 10.1

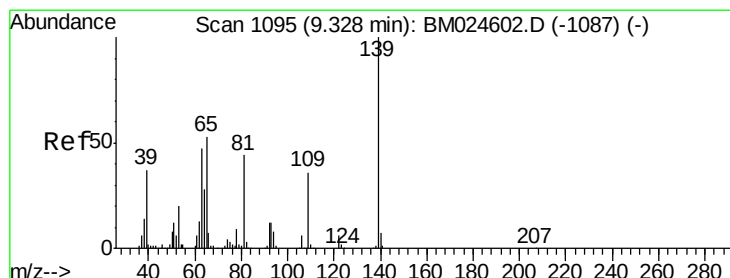
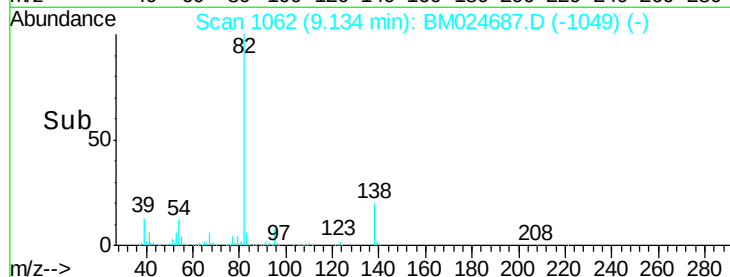
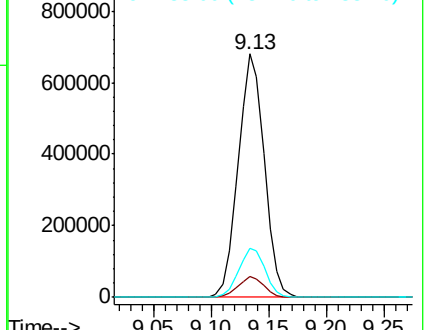
138 20.3 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024687.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024687.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024687.D (-1049) (-)



#26

2-Nitrophenol

Concen: 51.123 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

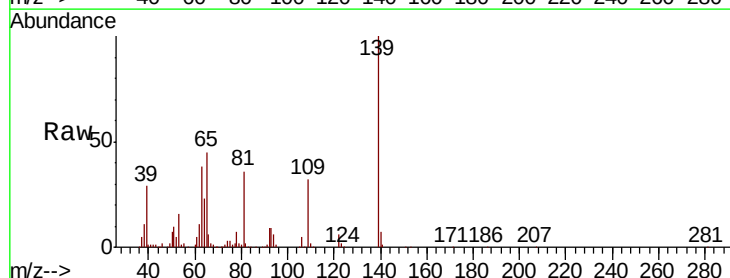
Tgt Ion: 139 Resp: 335827

Ion	Ratio	Lower	Upper
139	100		
109	31.8	28.8	43.2
65	45.3	42.6	63.8

139 100

109 31.8 28.8 43.2

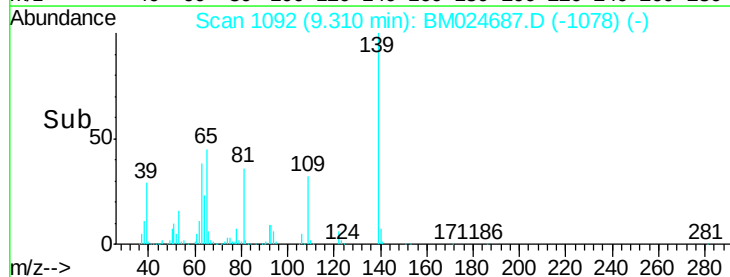
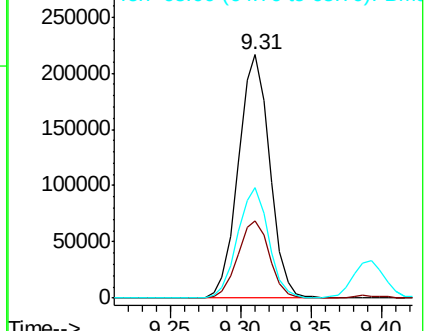
65 45.3 42.6 63.8

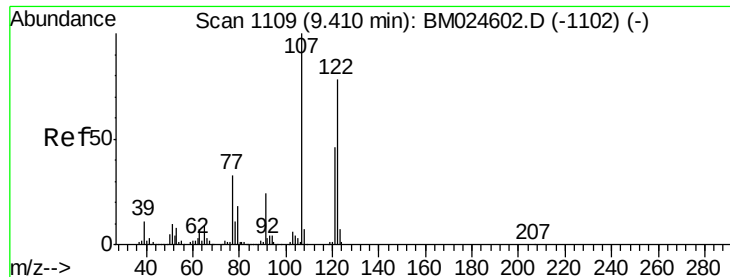


Abundance Ion 139.00 (138.70 to 139.70): BM024687.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024687.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024687.D (-1078) (-)





#27

2,4-Dimethylphenol

Concen: 57.197 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampled :

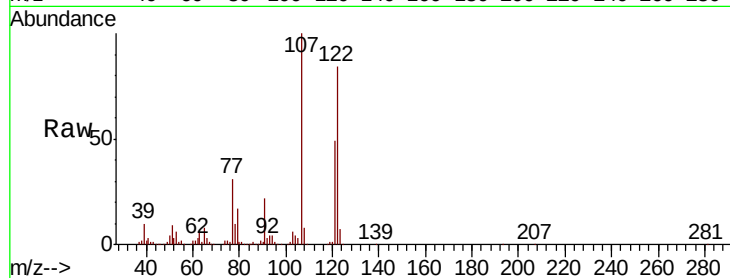
Tot Ion:122 Resp: 510578

Ion Ratio Lower Upper

122 100

107 119.2 102.5 153.7

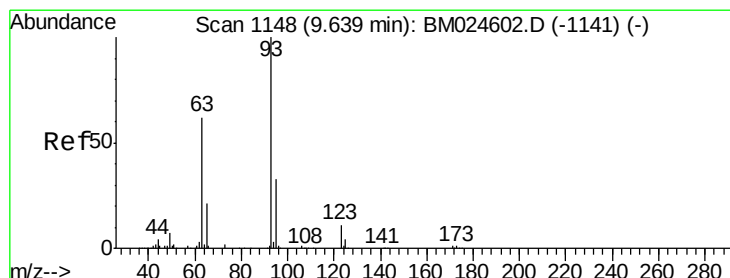
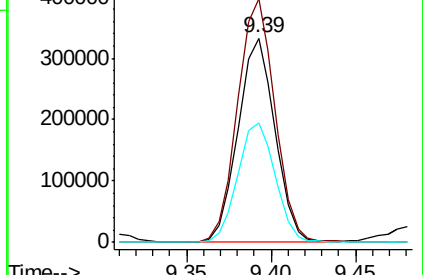
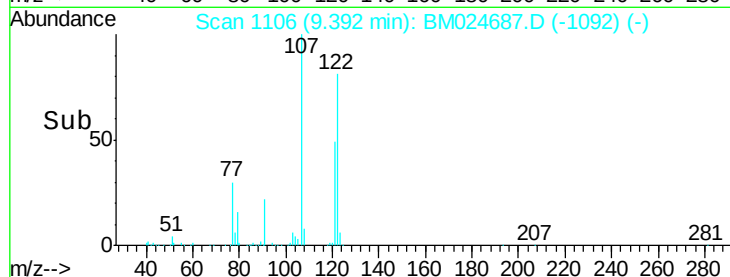
121 58.4 47.0 70.4



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: 42.382 ng

RT: 9.62 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

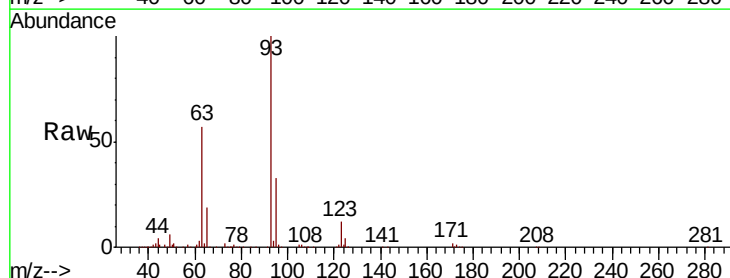
Tgt Ion: 93 Resp: 651254

Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

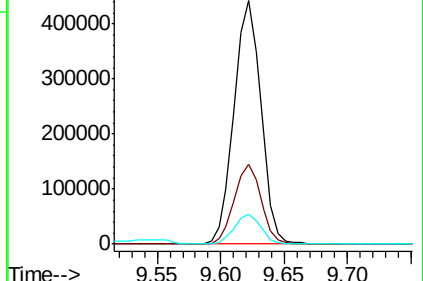
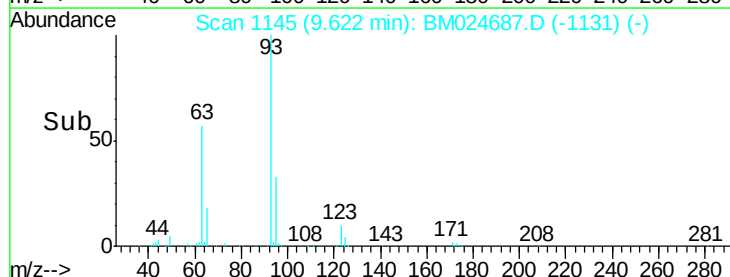
123 12.0 8.7 13.1

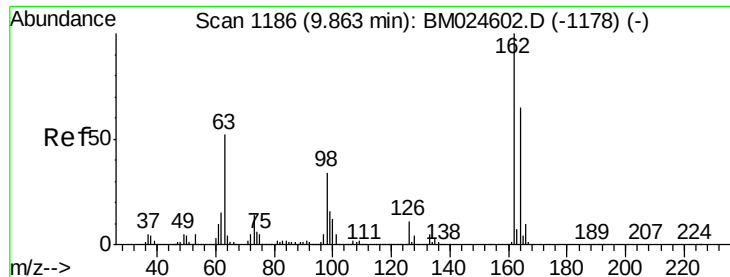


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

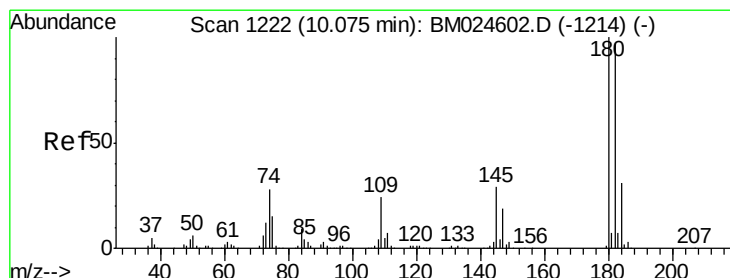
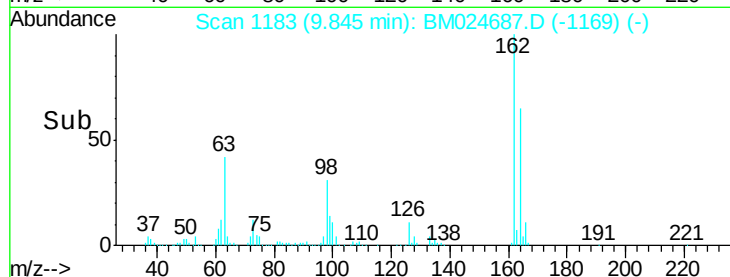
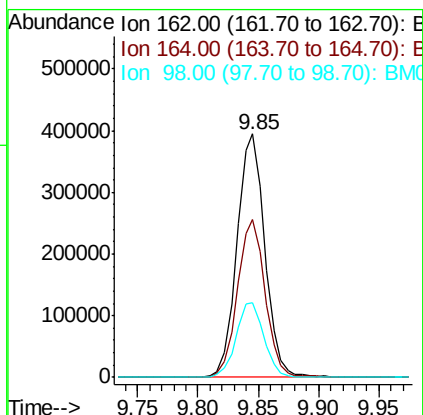
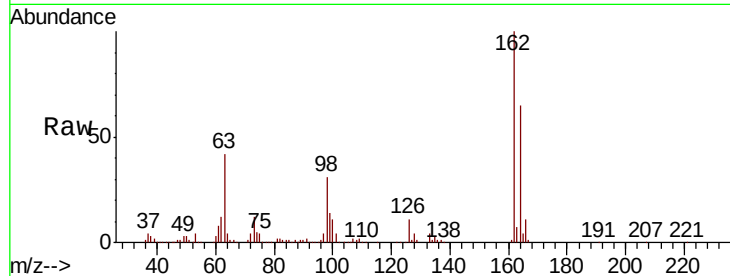




#29
2,4-Dichlorophenol
Concen: 52.627 ng
RT: 9.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

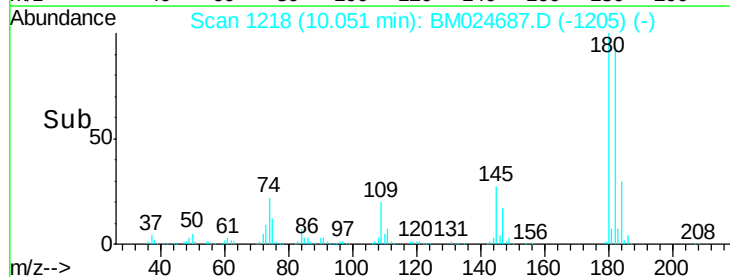
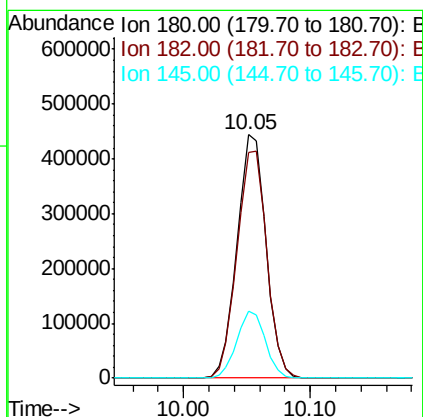
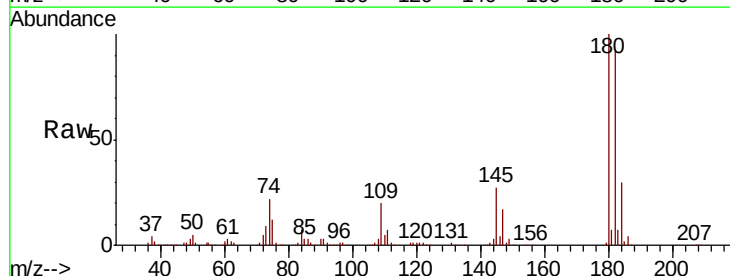
Instrument :
BNA_M
ClientSampled :

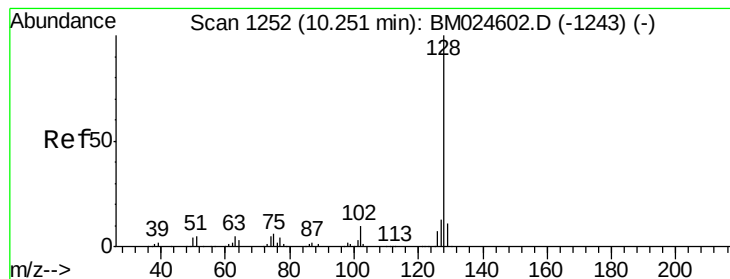
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.5	84.5
98	30.7	14.2	54.2



#30
1,2,4-Trichlorobenzene
Concen: 48.238 ng
RT: 10.05 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.8	116.6
145	27.5	22.9	34.3





#31

Naphthalene

Concen: 46.231 ng

RT: 10.23 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

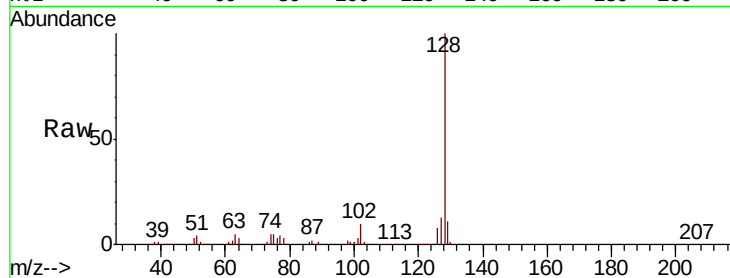
Tot Ion:128 Resp: 1695232

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

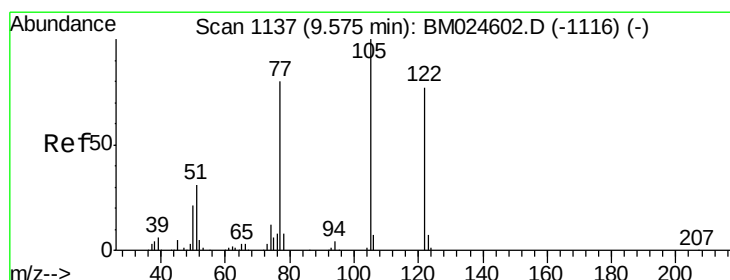
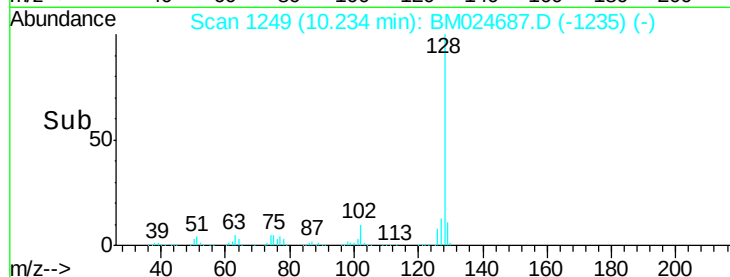
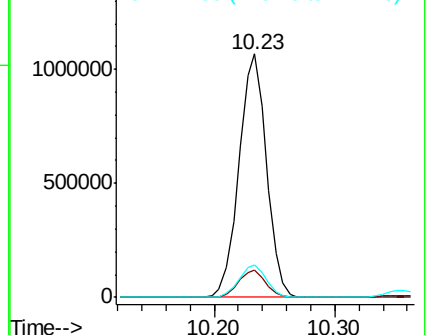
127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.985 ng

RT: 9.55 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

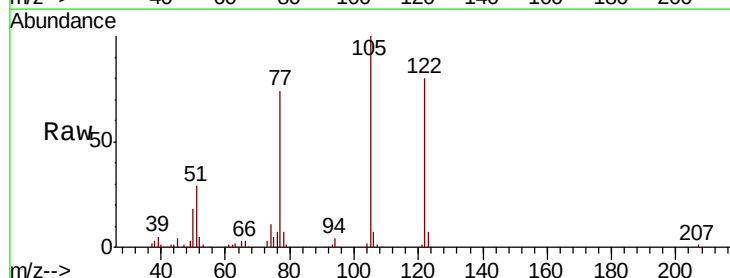
Tgt Ion:122 Resp: 342836

Ion Ratio Lower Upper

122 100

105 125.1 107.7 147.7

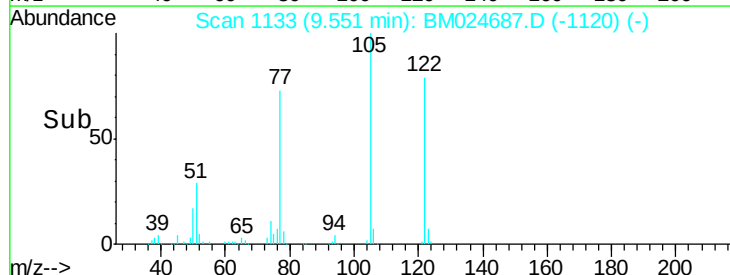
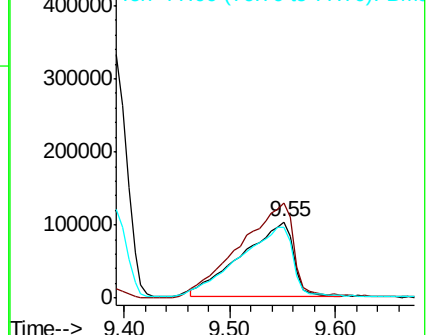
77 92.5 83.8 123.8

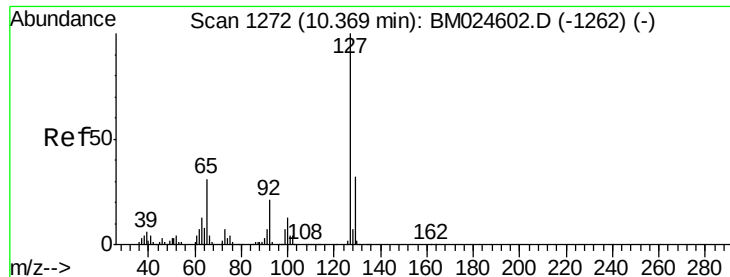


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

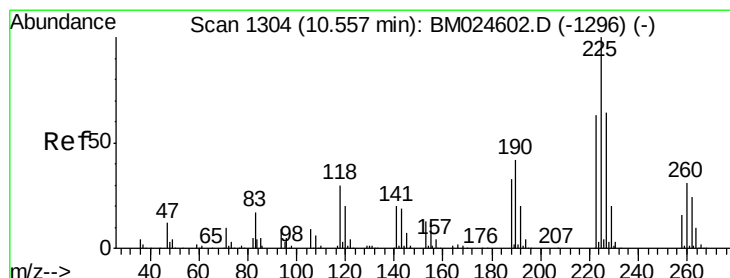
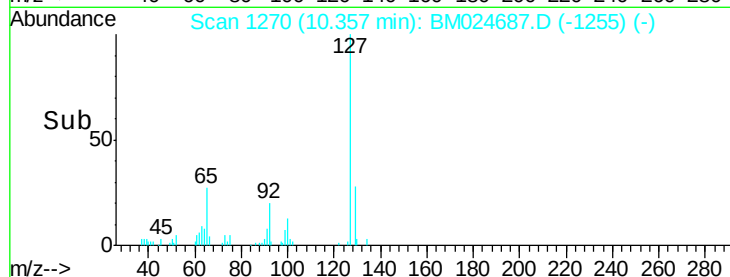
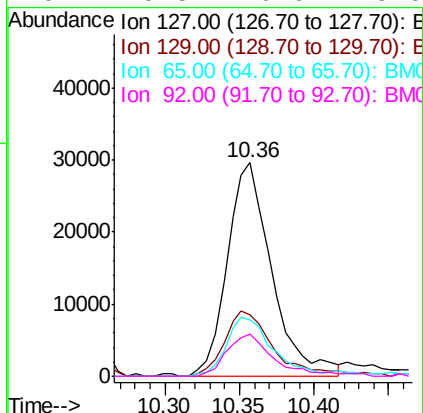
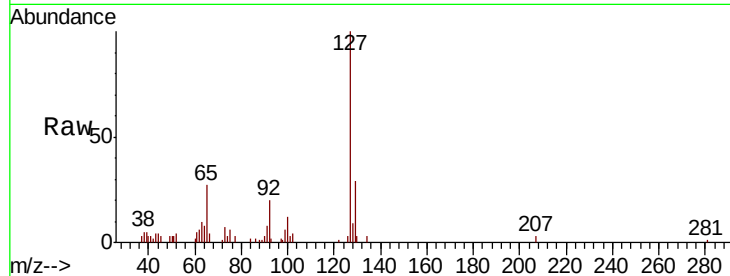




#33
4-Chloroaniline
Concen: 3.839 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

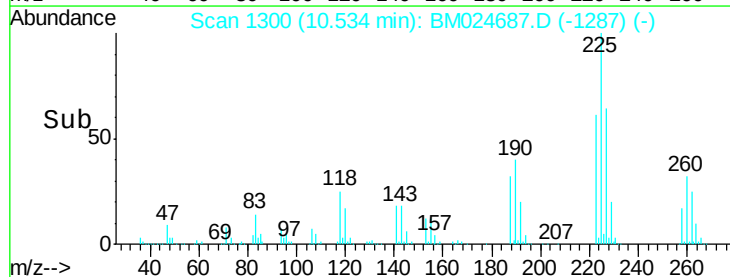
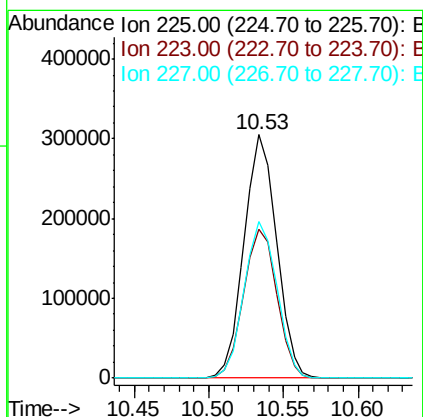
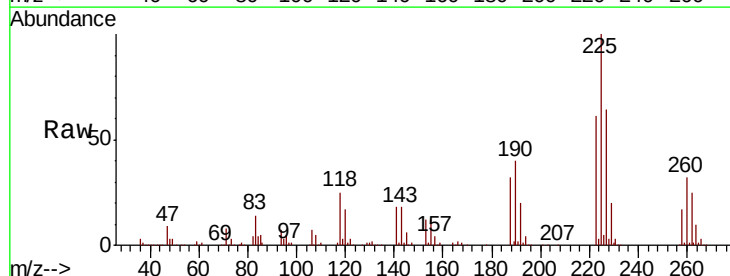
Instrument :
BNA_M
ClientSampled :

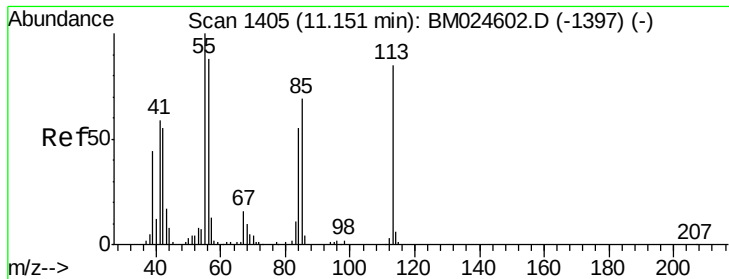
Tot Ion:127	Resp:	61701
Ion	Ratio	Lower Upper
127	100	
129	29.0	25.9 38.9
65	26.6	25.1 37.7
92	19.5	16.6 25.0



#34
Hexachlorobutadiene
Concen: 45.902 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:225	Resp:	461542
Ion	Ratio	Lower Upper
225	100	
223	61.4	50.7 76.1
227	64.3	51.4 77.0

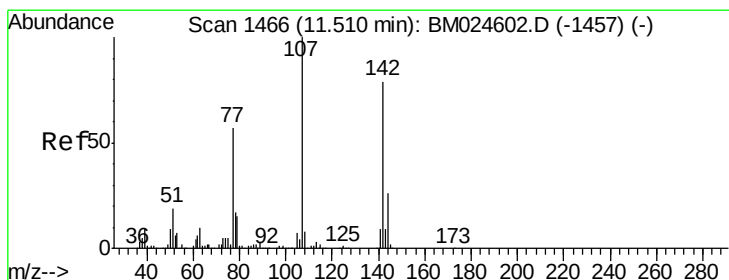
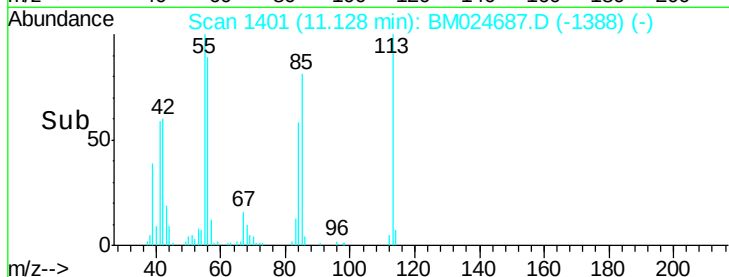
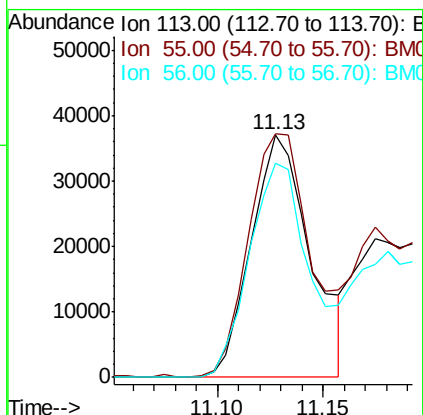
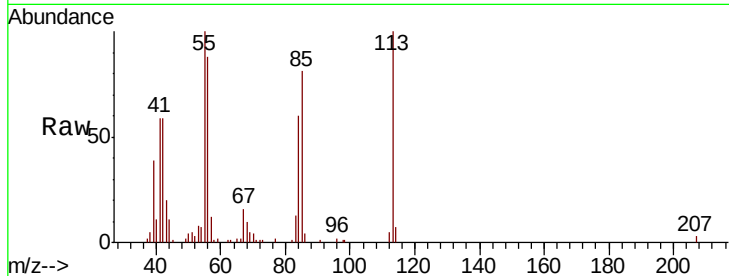




#35
 Caprolactam
 Concen: 18.568 ng
 RT: 11.13 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

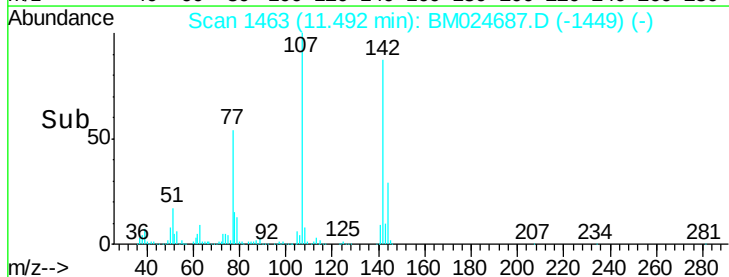
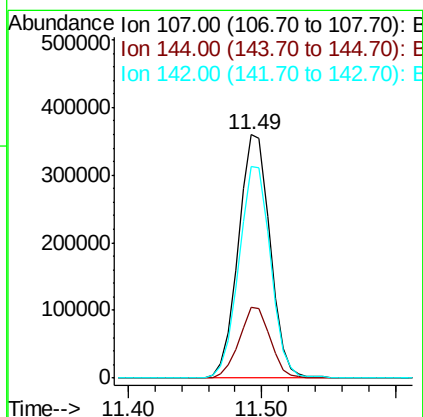
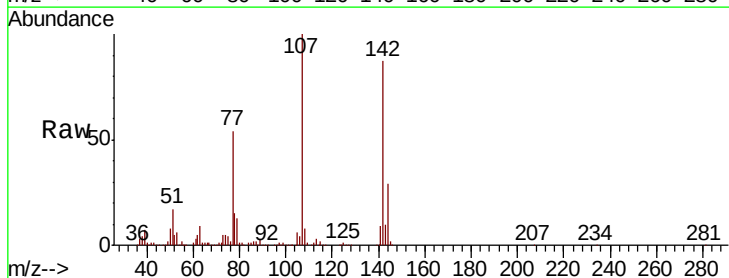
Instrument :
 BNA_M
 ClientSampled :

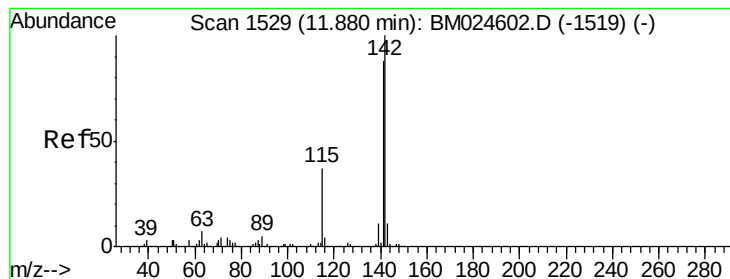
Tot Ion:113 Resp: 71843
 Ion Ratio Lower Upper
 113 100
 55 100.5 97.5 137.5
 56 88.5 83.4 123.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.095 ng
 RT: 11.49 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion:107 Resp: 591123
 Ion Ratio Lower Upper
 107 100
 144 28.9 20.5 30.7
 142 87.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 47.205 ng

RT: 11.86 min Scan# 1525

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampled :

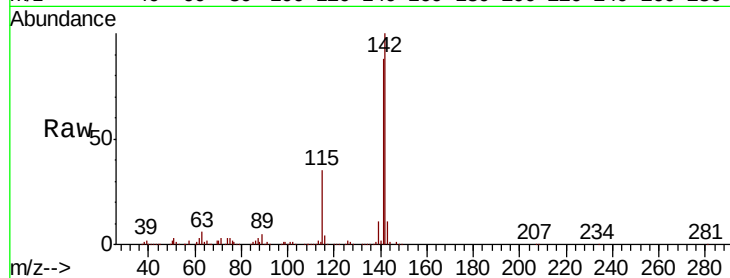
Tot Ion:142 Resp: 1335814

Ion Ratio Lower Upper

142 100

141 88.0 70.2 105.2

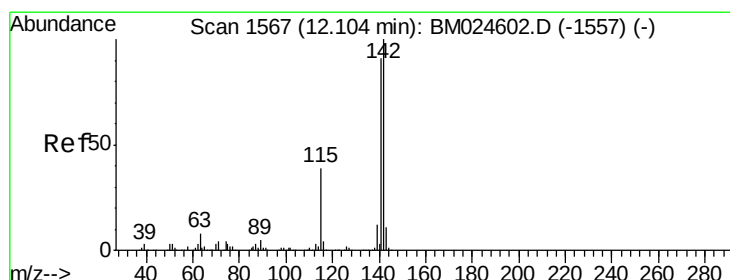
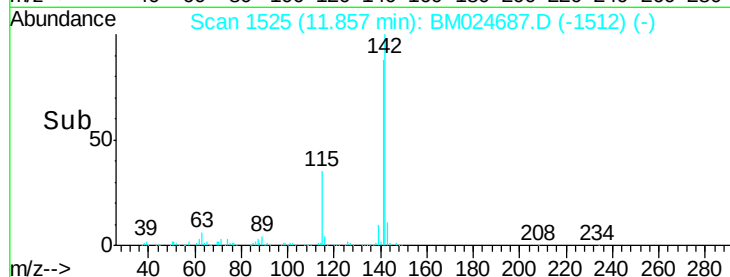
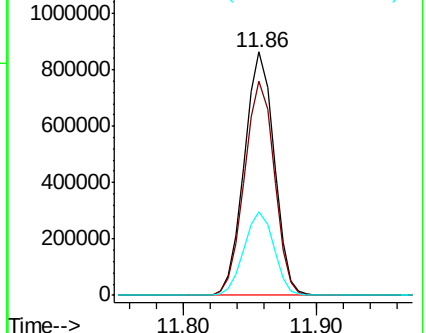
115 34.5 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.105 ng

RT: 12.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

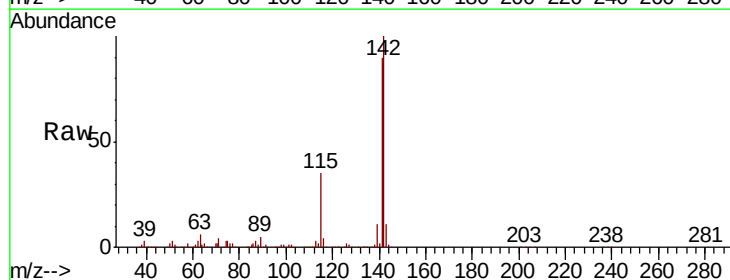
Tgt Ion:142 Resp: 1267975

Ion Ratio Lower Upper

142 100

141 90.3 72.8 109.2

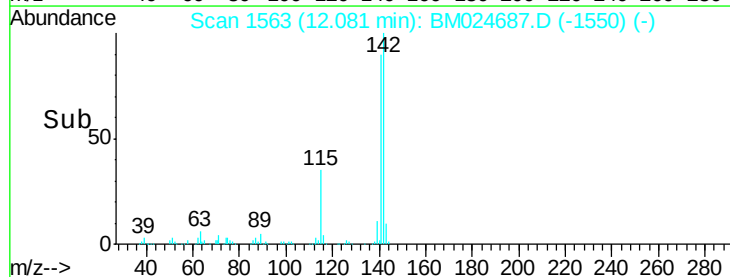
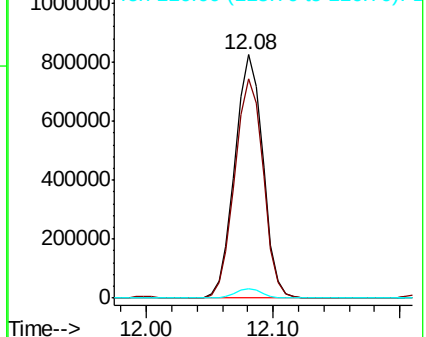
116 3.8 3.2 4.8

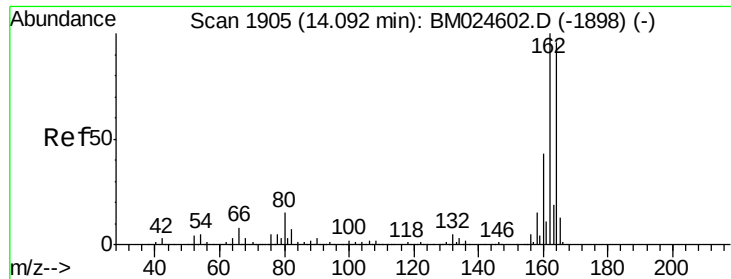


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024687.D

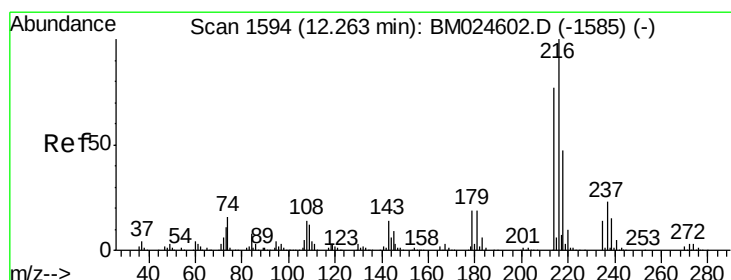
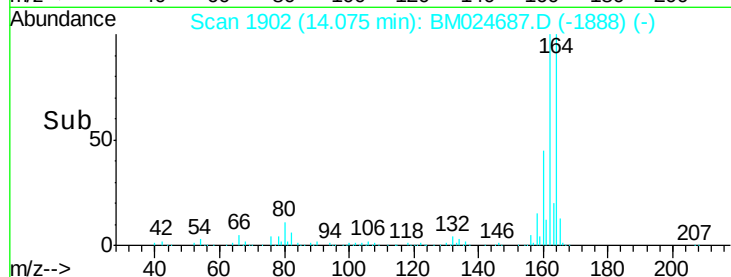
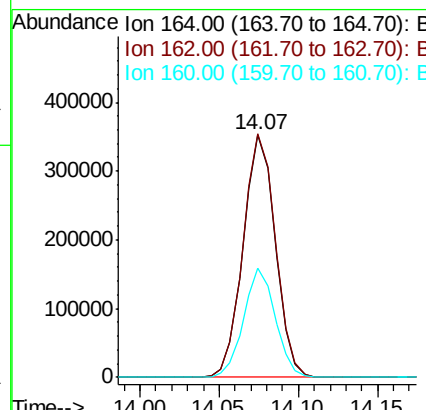
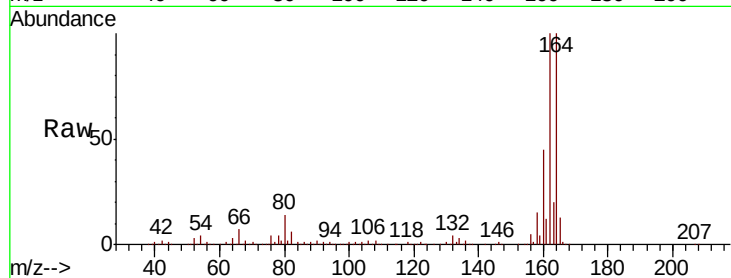
Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:164	Resp:	496887
Ion Ratio	Lower	Upper
164	100	
162	100.5	82.9 124.3
160	45.1	35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.869 ng

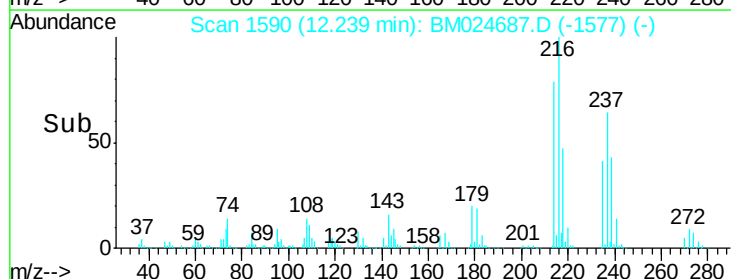
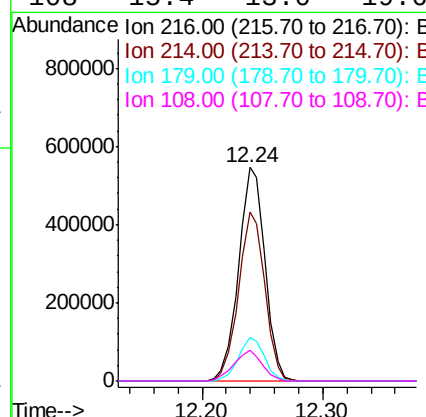
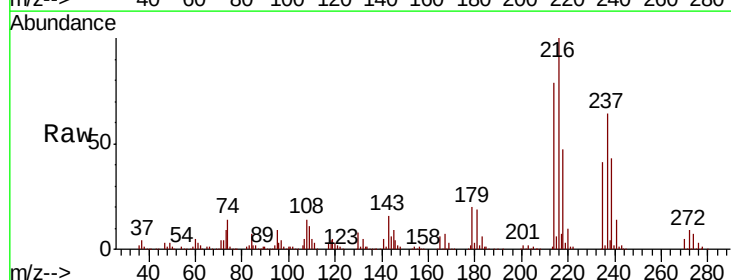
RT: 12.24 min Scan# 1590

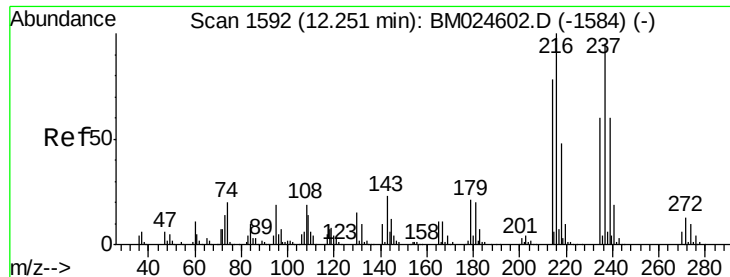
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:216	Resp:	831170
Ion Ratio	Lower	Upper
216	100	
214	78.8	62.3 93.5
179	19.9	16.1 24.1
108	15.4	13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 93.240 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

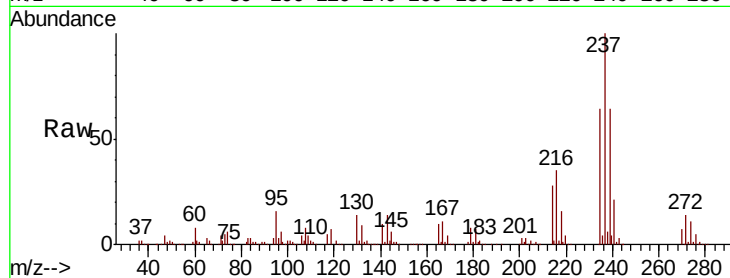
Tot Ion:237 Resp: 926825

Ion Ratio Lower Upper

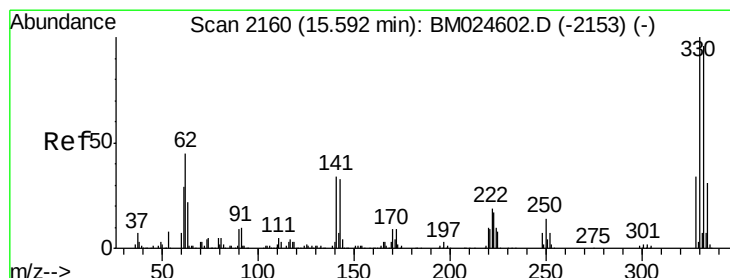
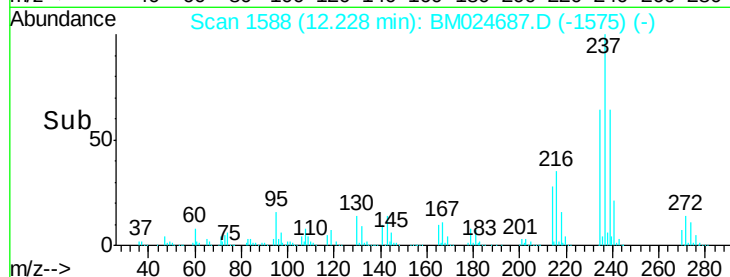
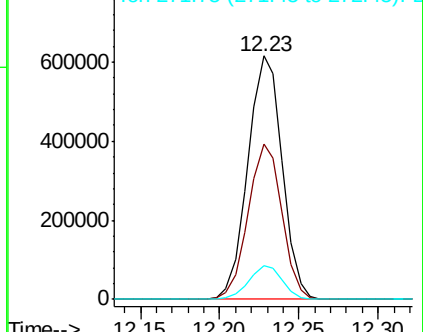
237 100

235 63.6 43.3 83.3

272 13.8 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: 153.246 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

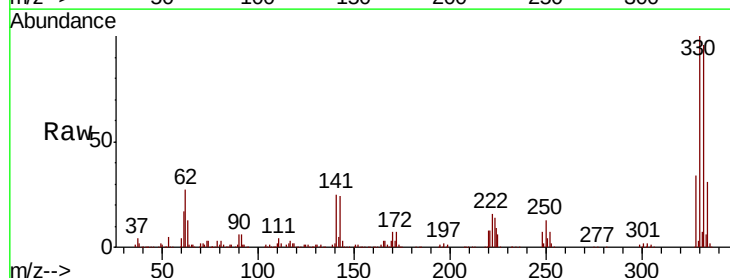
Tgt Ion:330 Resp: 1238627

Ion Ratio Lower Upper

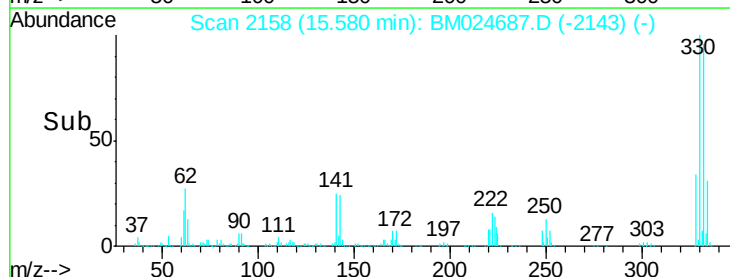
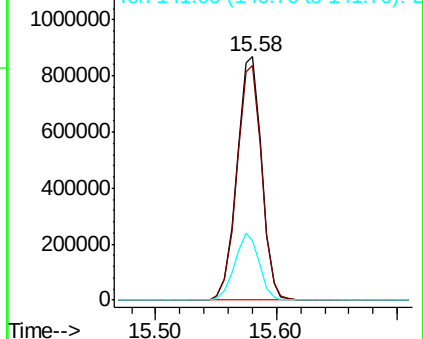
330 100

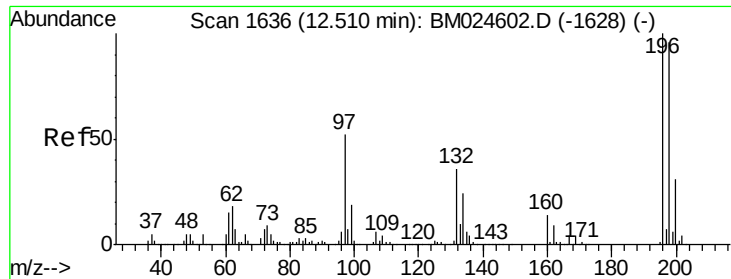
332 96.5 77.2 115.8

141 27.1 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

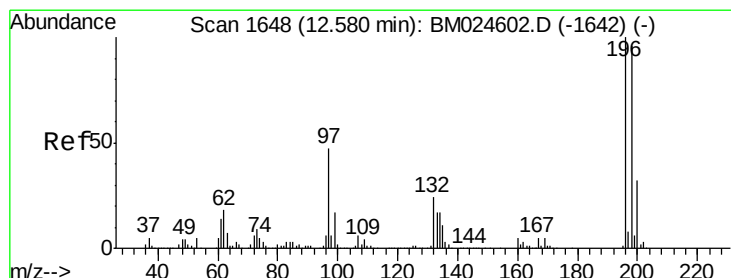
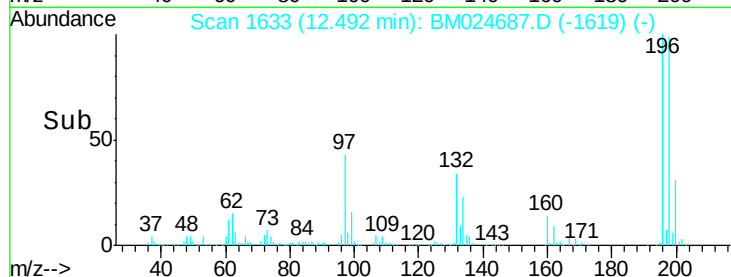
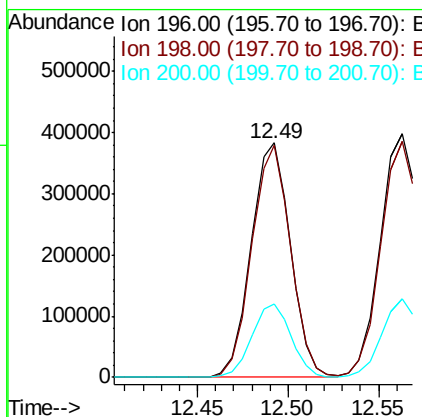
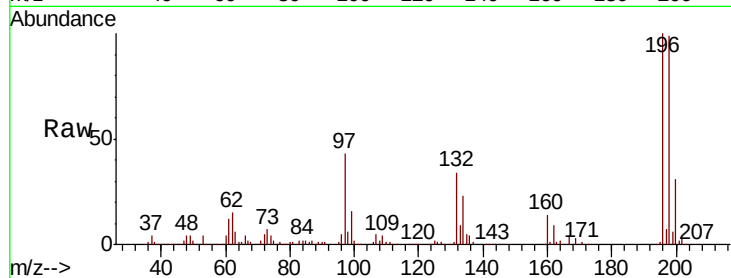




#43
 2,4,6-Trichlorophenol
 Concen: 51.353 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

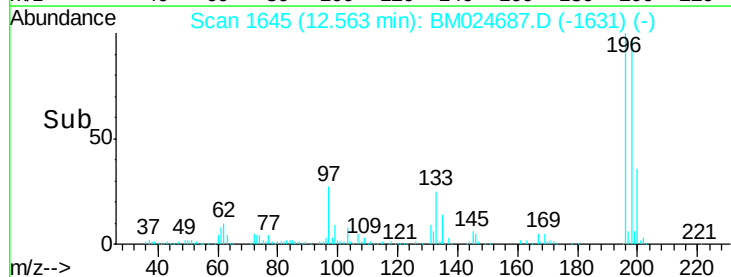
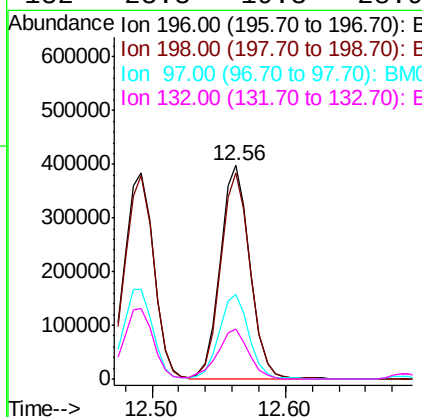
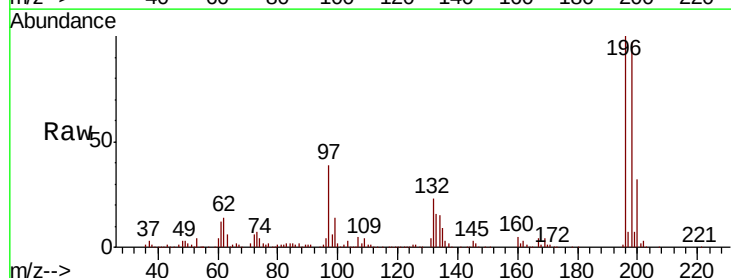
Instrument :
 BNA_M
 ClientSampleId :

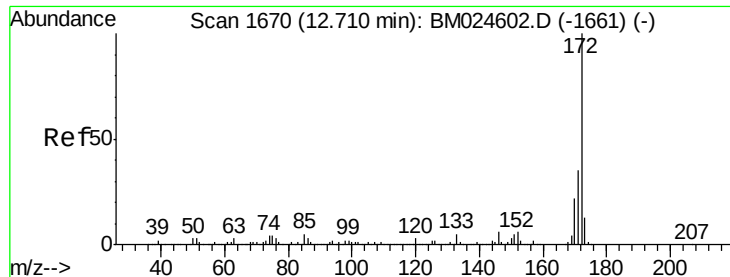
Tot Ion:196 Resp: 579518
 Ion Ratio Lower Upper
 196 100
 198 99.0 76.5 114.7
 200 31.3 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 53.496 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion:196 Resp: 616548
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.2 115.8
 97 39.5 37.4 56.0
 132 23.3 19.3 28.9

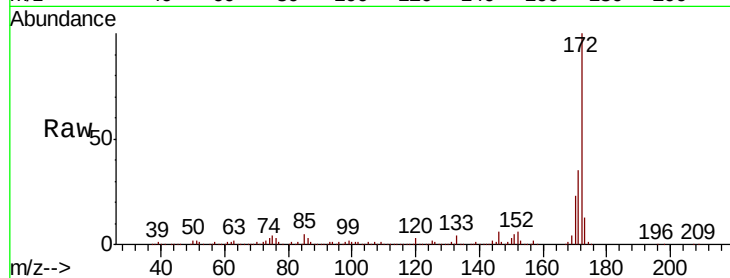




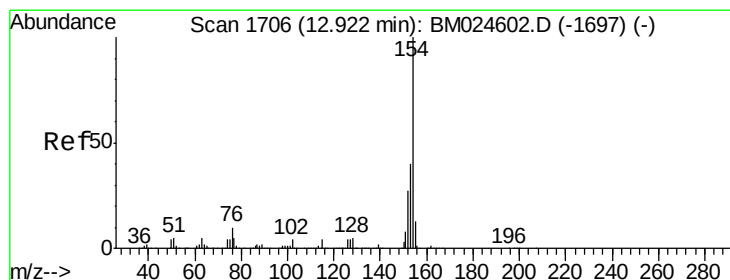
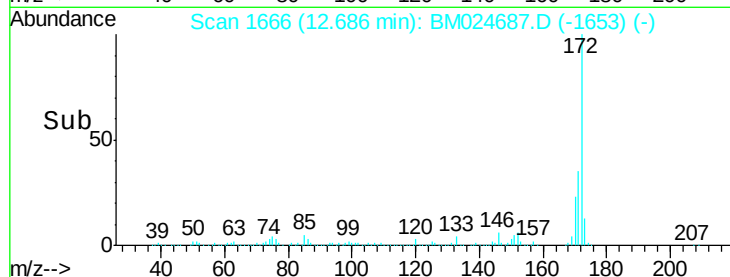
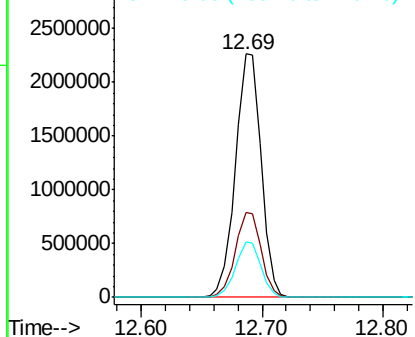
#45
2-Fluorobiphenyl
Concen: 92.038 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3363895
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.6 17.9 26.9

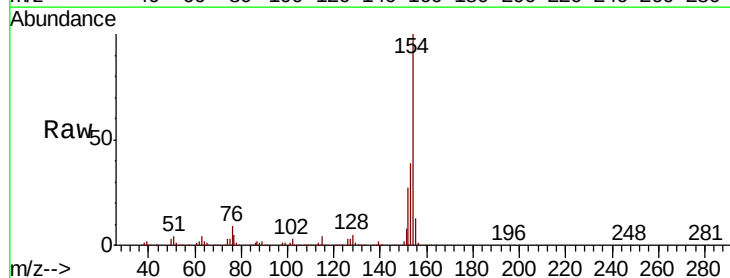


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

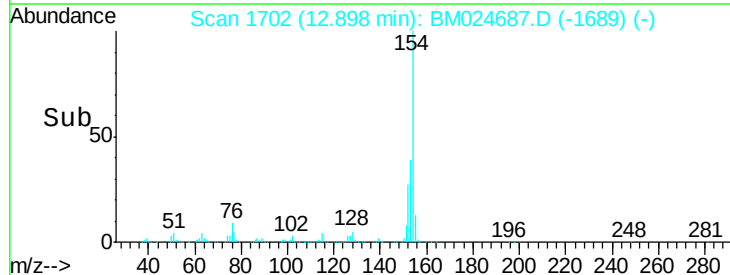
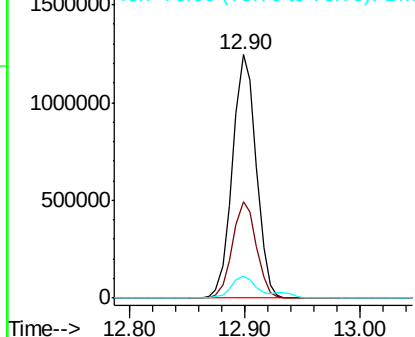


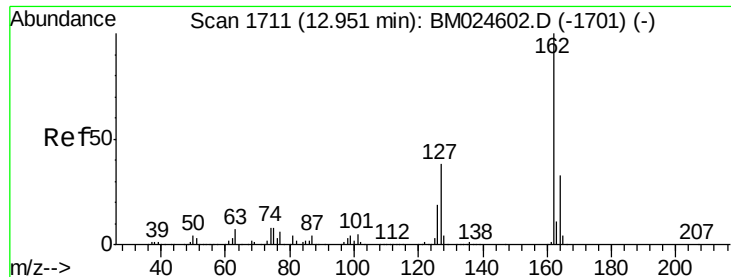
#46
1,1'-Biphenyl
Concen: 47.093 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:154 Resp: 1770860
Ion Ratio Lower Upper
154 100
153 39.4 20.3 60.3
76 9.2 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0

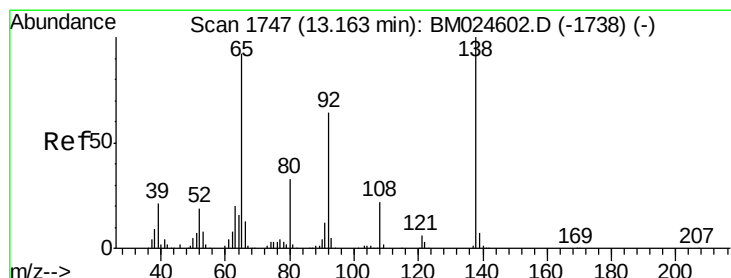
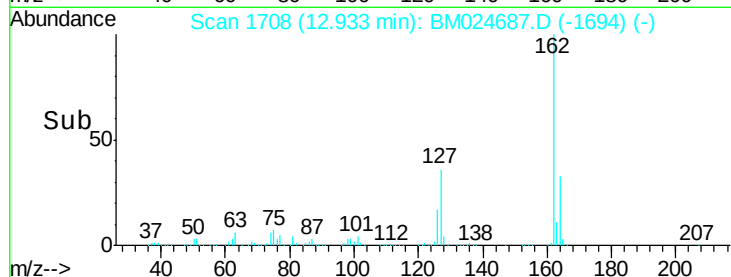
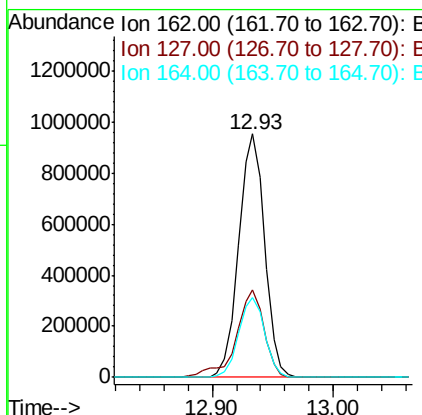
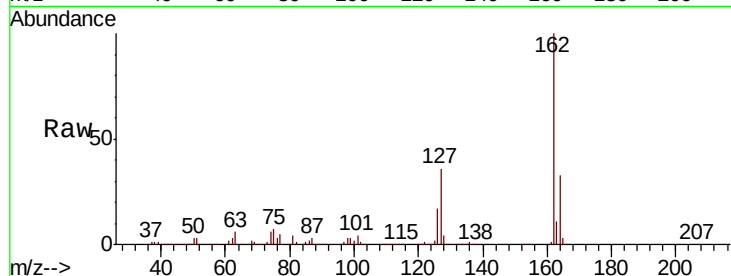




#47
 2-Chloronaphthalene
 Concen: 46.942 ng
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

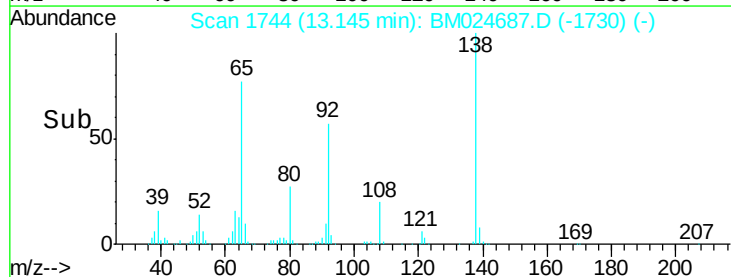
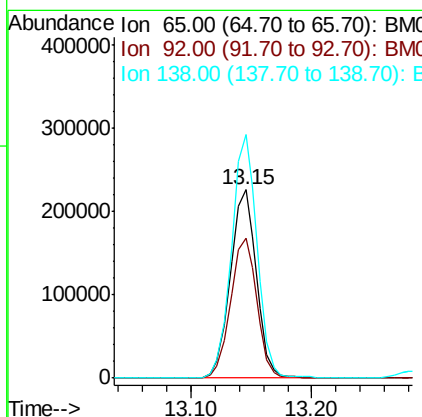
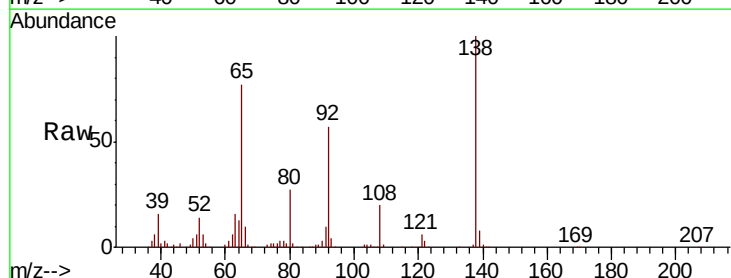
Instrument :
 BNA_M
 ClientSampleId :

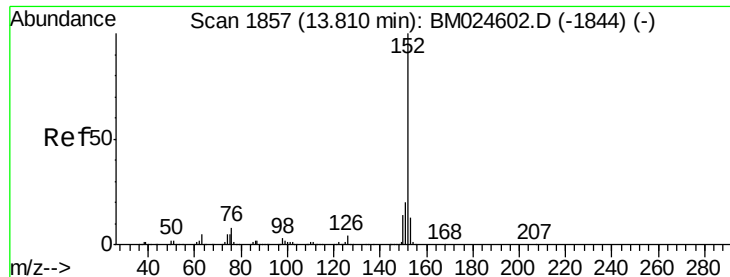
Tot Ion:162 Resp: 1425032
 Ion Ratio Lower Upper
 162 100
 127 35.7 30.4 45.6
 164 32.8 26.5 39.7



#48
 2-Nitroaniline
 Concen: 36.660 ng
 RT: 13.15 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion: 65 Resp: 339431
 Ion Ratio Lower Upper
 65 100
 92 74.3 55.4 83.2
 138 129.4 86.6 129.8





#49

Acenaphthylene

Concen: 49.139 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

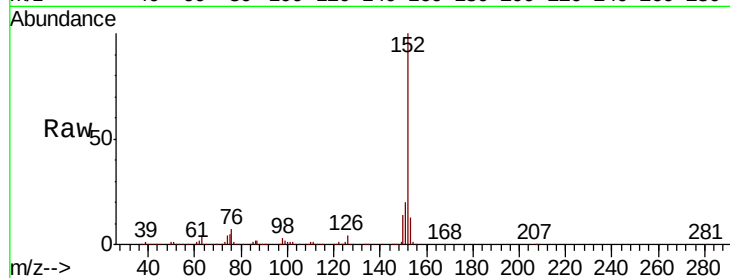
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2233133

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

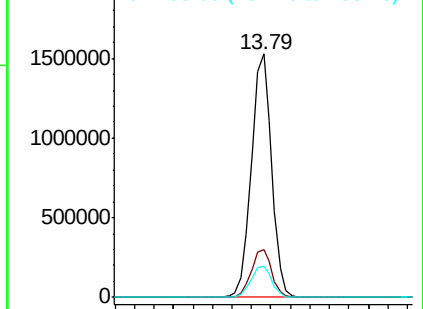


Abundance

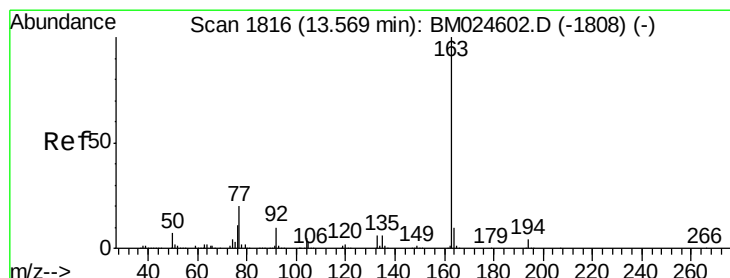
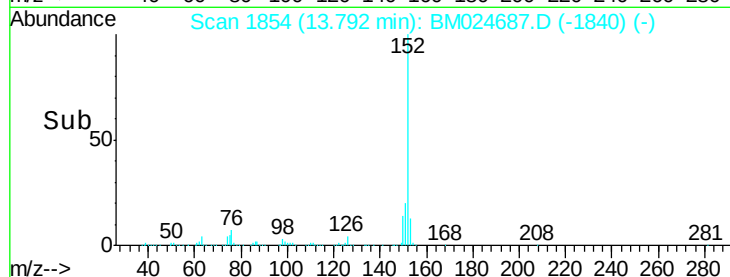
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 49.196 ng

RT: 13.55 min Scan# 1813

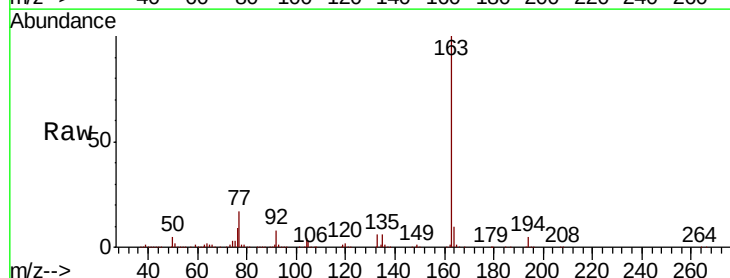
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:163 Resp: 1976665

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.0	12.0

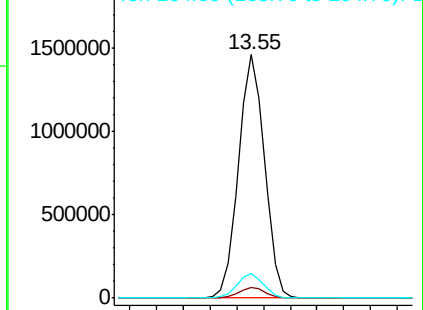


Abundance

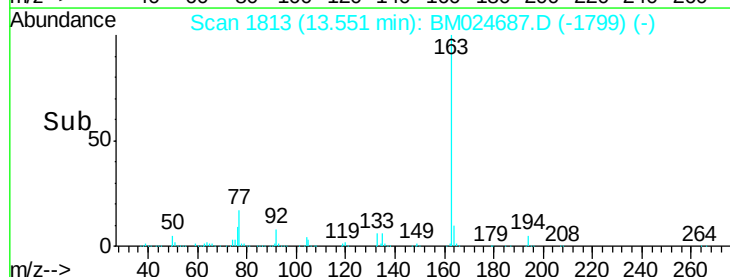
Ion 163.00 (162.70 to 163.70): E

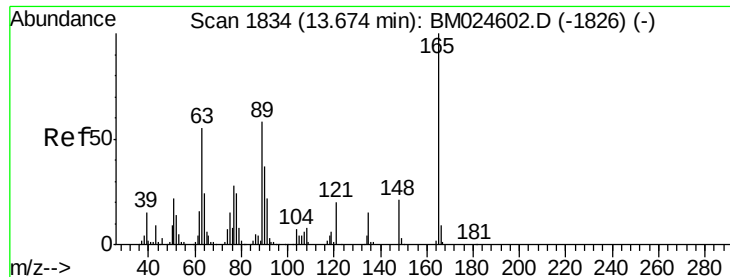
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

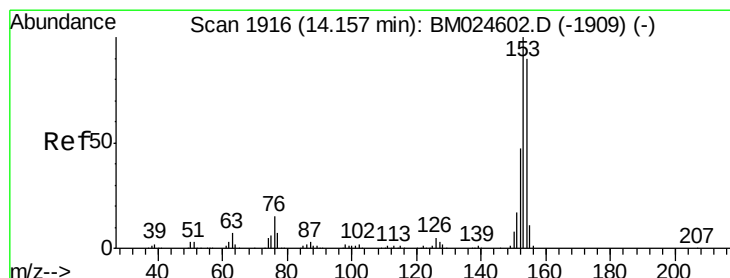
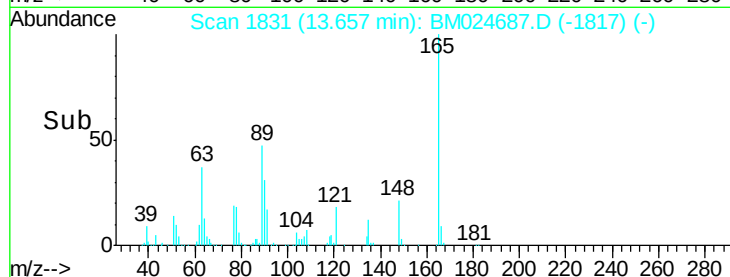
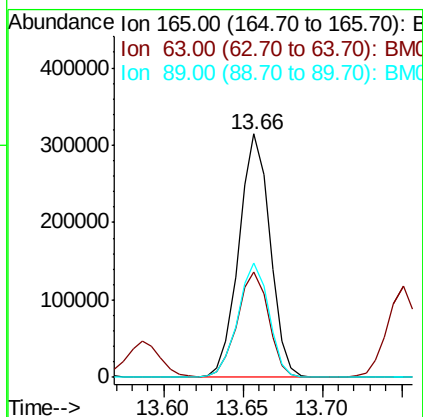
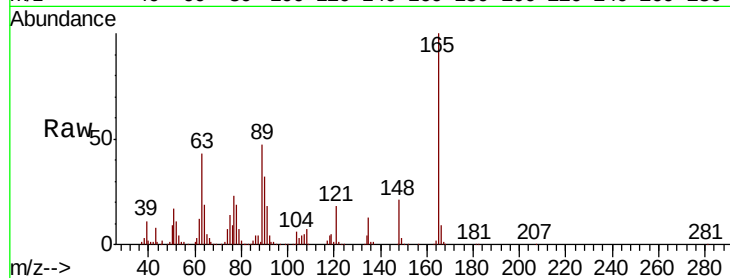




#51
 2,6-Dinitrotoluene
 Concen: 50.334 ng
 RT: 13.66 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

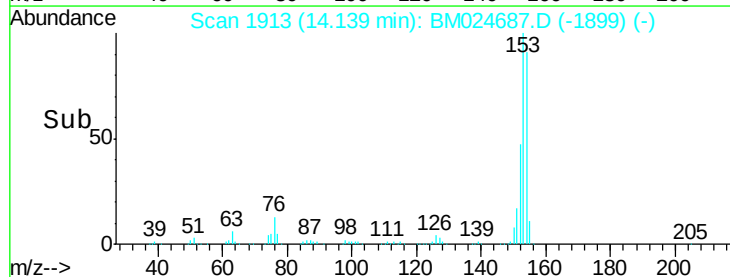
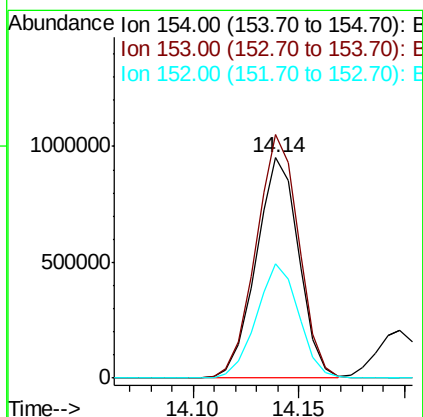
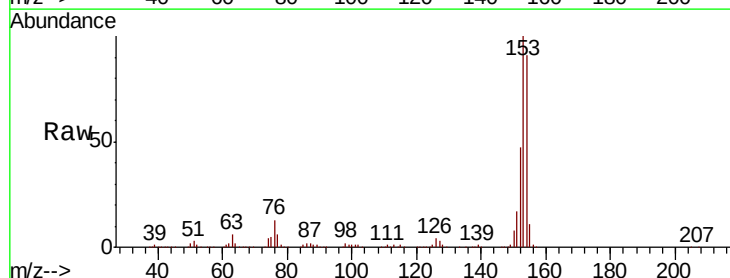
Instrument :
 BNA_M
 ClientSampleId :

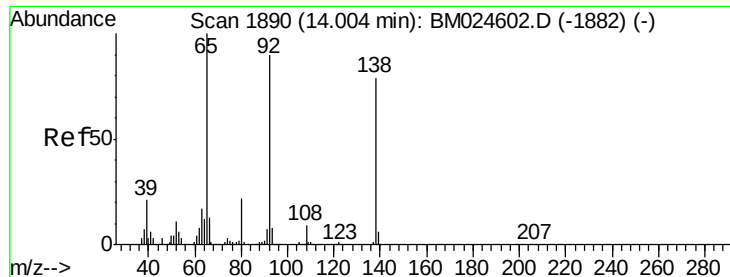
Tot Ion:165 Resp: 429972
 Ion Ratio Lower Upper
 165 100
 63 43.1 45.4 68.0#
 89 47.0 46.6 69.8



#52
 Acenaphthene
 Concen: 47.400 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion:154 Resp: 1336671
 Ion Ratio Lower Upper
 154 100
 153 110.4 89.1 133.7
 152 52.0 41.9 62.9





#53

3-Nitroaniline

Concen: 11.049 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

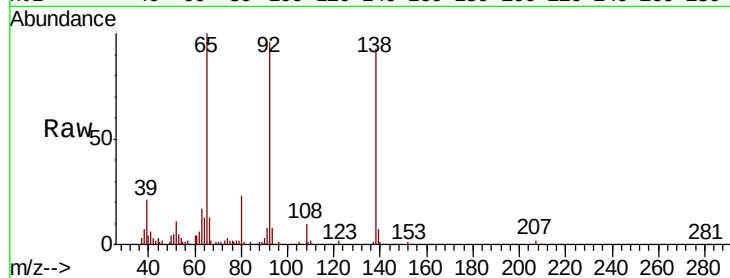
Tot Ion:138 Resp: 97899

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

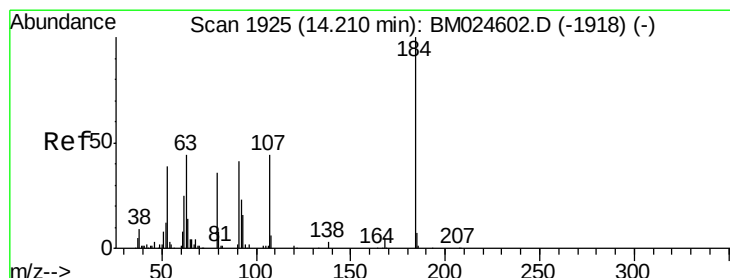
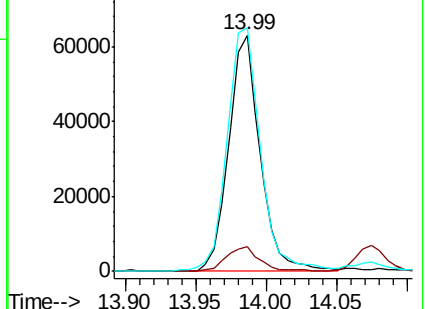
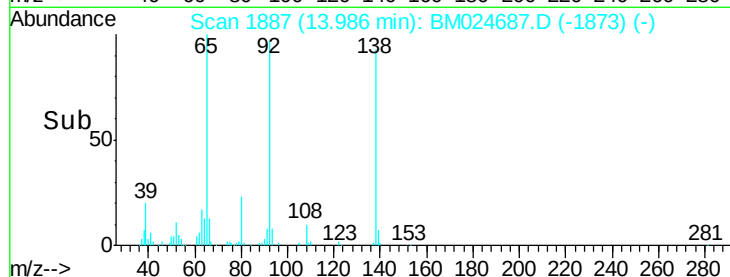
92 103.0 91.0 136.4



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): BM0



#54

2,4-Dinitrophenol

Concen: 100.198 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

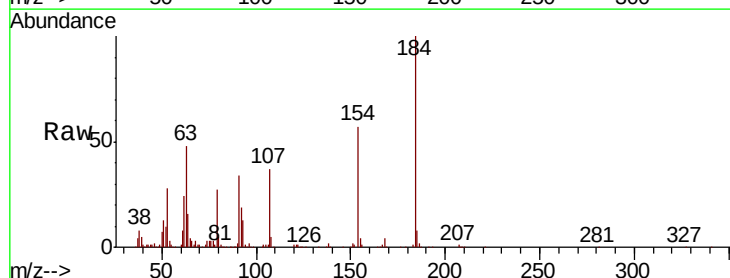
Tgt Ion:184 Resp: 511846

Ion Ratio Lower Upper

184 100

63 47.8 51.8 77.8#

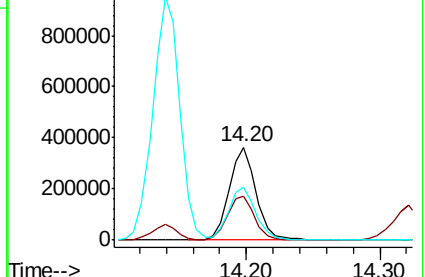
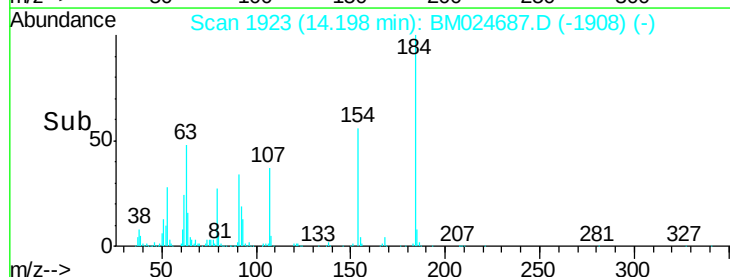
154 57.2 50.2 75.4

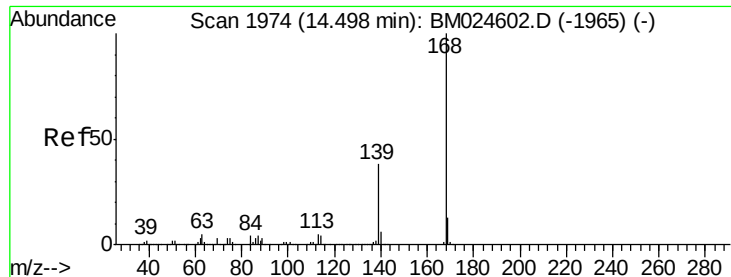


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

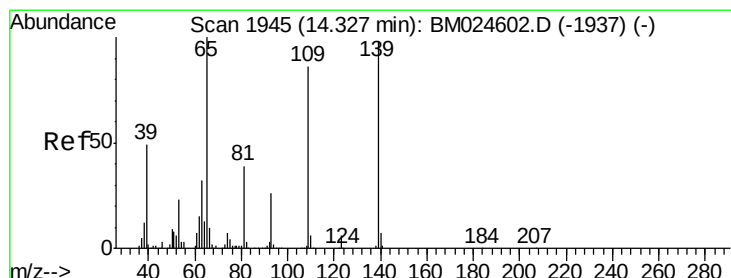
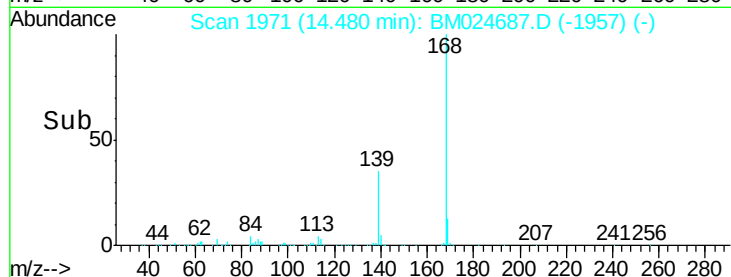
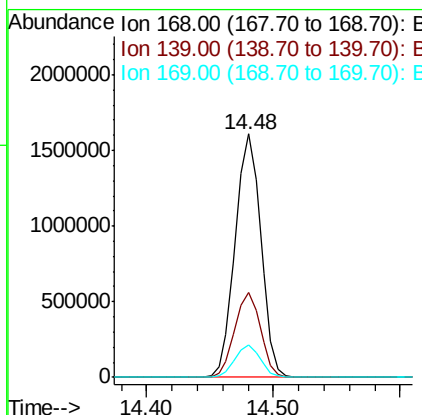
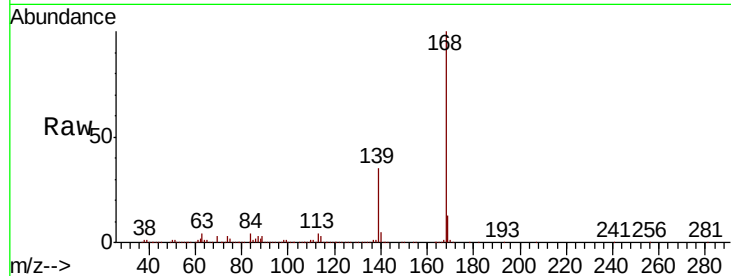




#55
Dibenzofuran
Concen: 49.111 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

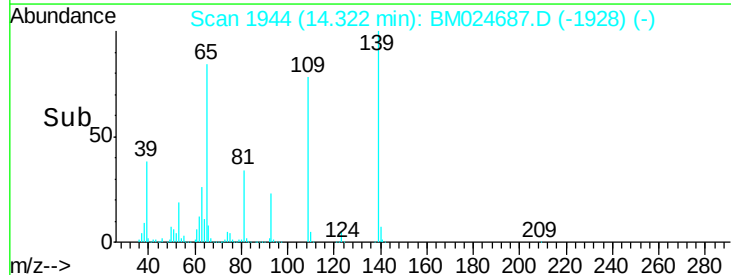
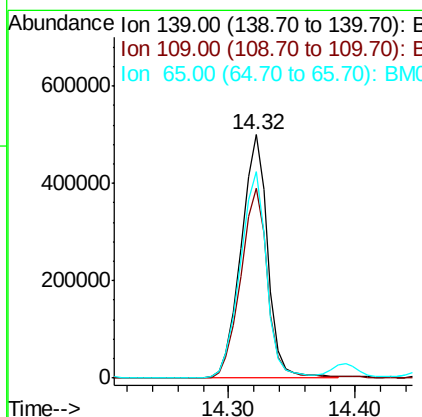
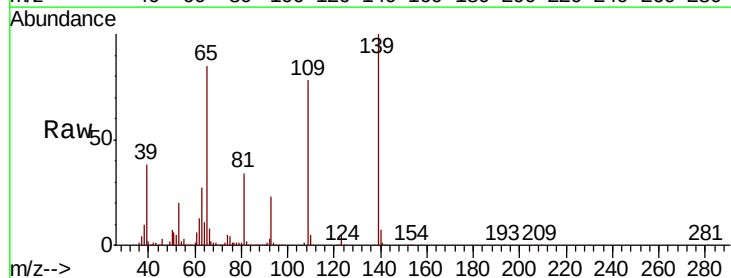
Instrument :
BNA_M
ClientSampleId :

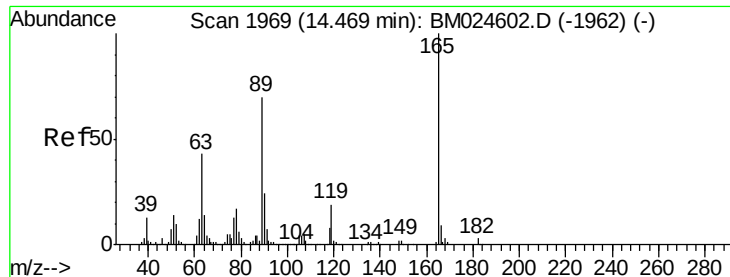
Tot Ion:168 Resp: 2258659
Ion Ratio Lower Upper
168 100
139 34.7 30.2 45.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 105.567 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:139 Resp: 731133
Ion Ratio Lower Upper
139 100
109 77.8 67.4 107.4
65 84.6 82.1 122.1

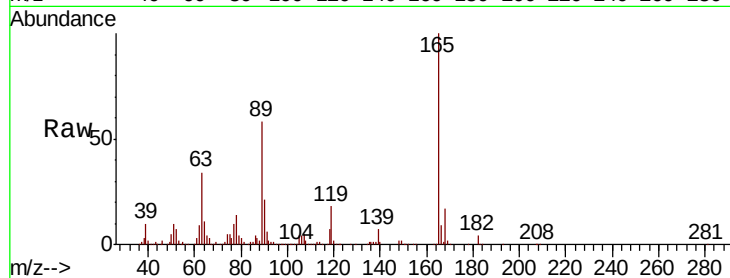




#57
2,4-Dinitrotoluene
Concen: 48.471 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.5	34.5	51.7#
89	58.2	55.8	83.8
182	3.5	2.3	3.5#



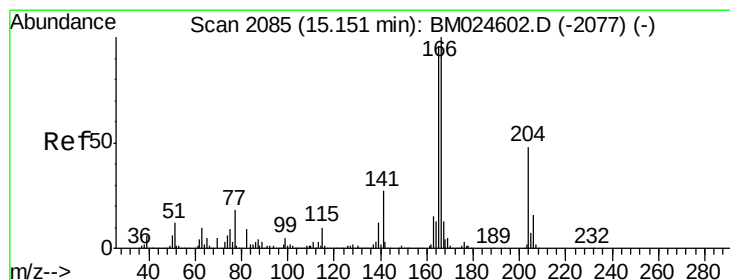
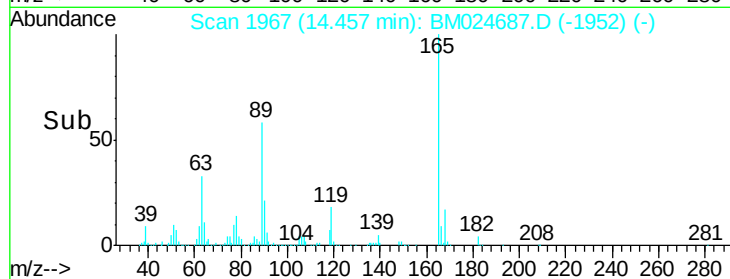
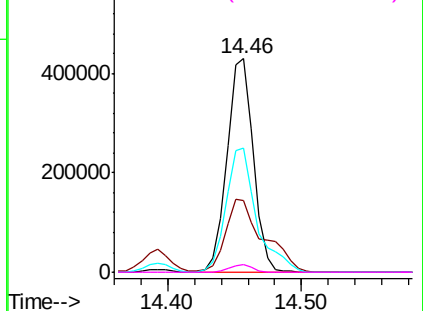
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

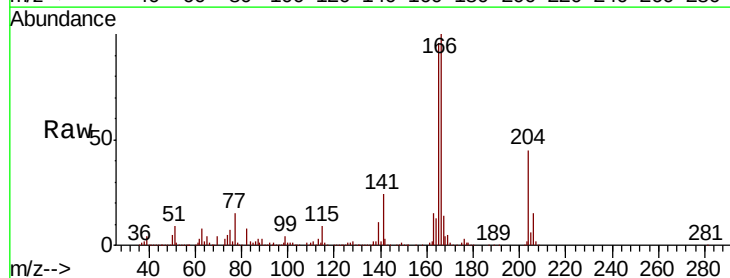
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.690 ng
RT: 15.13 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.6	114.8
167	13.7	10.8	16.2

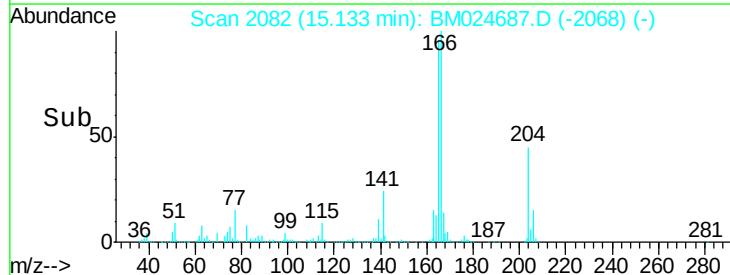
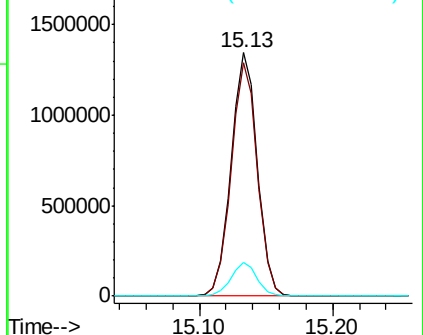


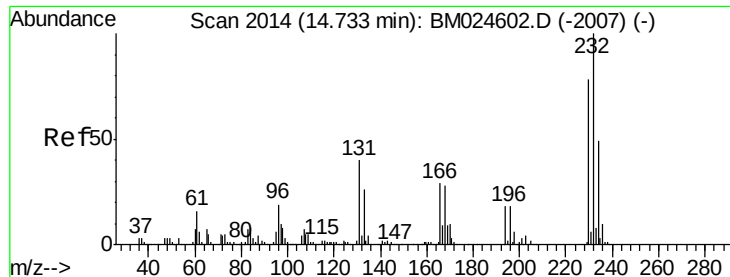
Abundance

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

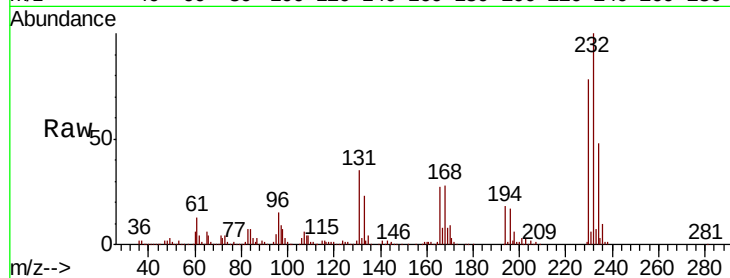




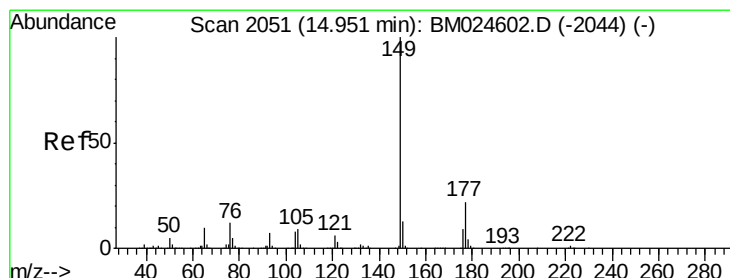
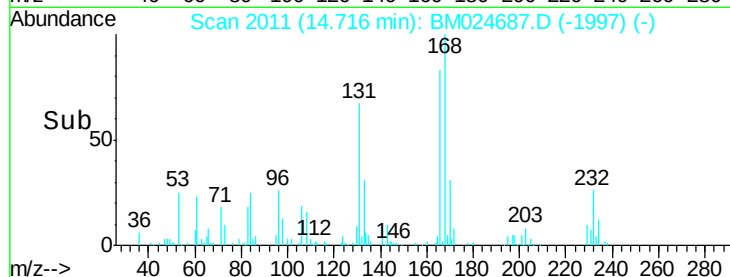
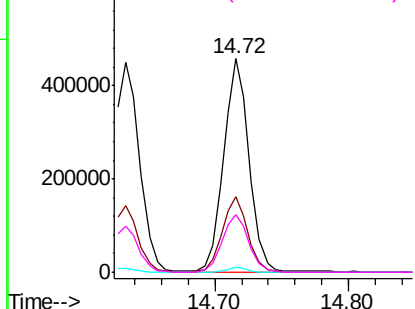
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.002 ng
RT: 14.72 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 607777
Ion Ratio Lower Upper
232 100
131 35.3 32.2 48.4
130 2.1 1.9 2.9
166 27.9 23.4 35.0

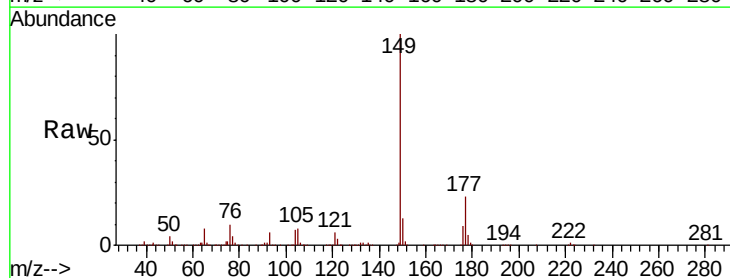


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

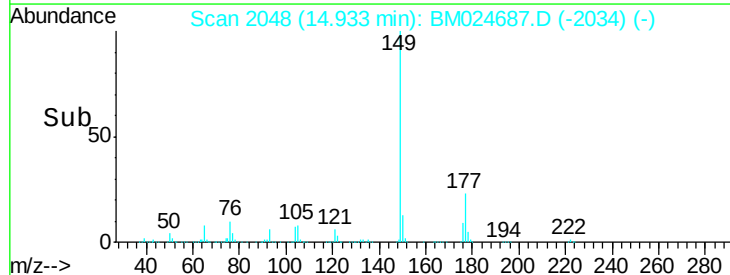
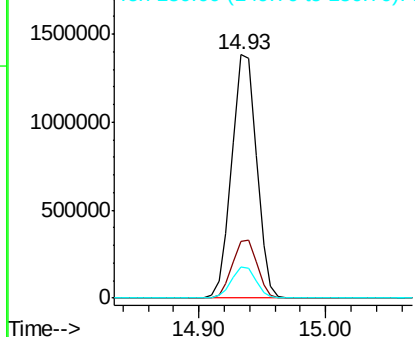


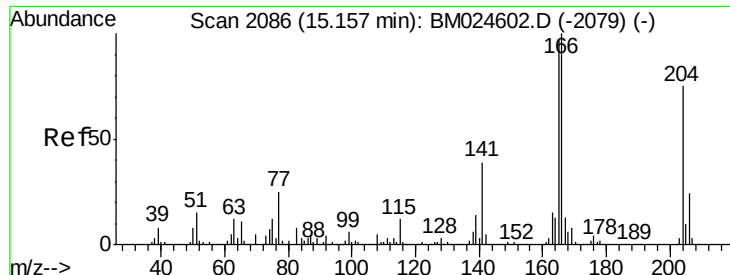
#60
Diethylphthalate
Concen: 45.946 ng
RT: 14.93 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:149 Resp: 1874192
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.7 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



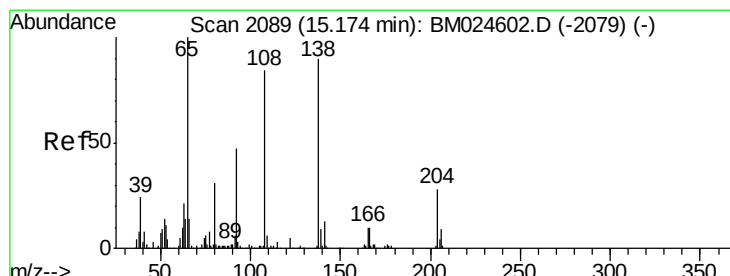
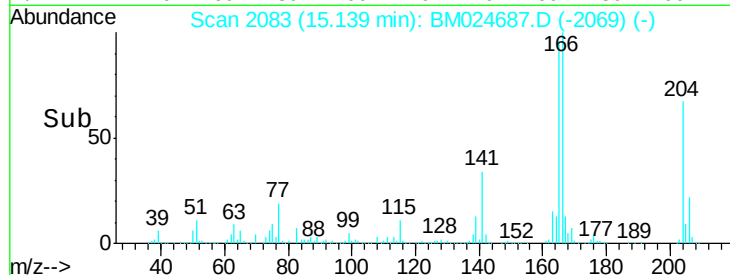
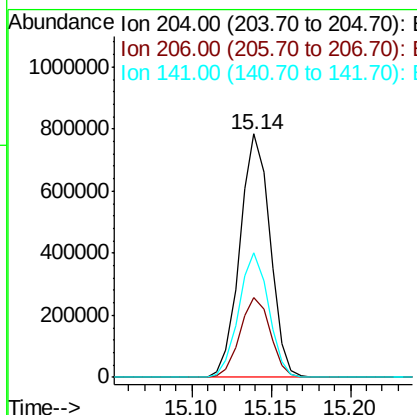
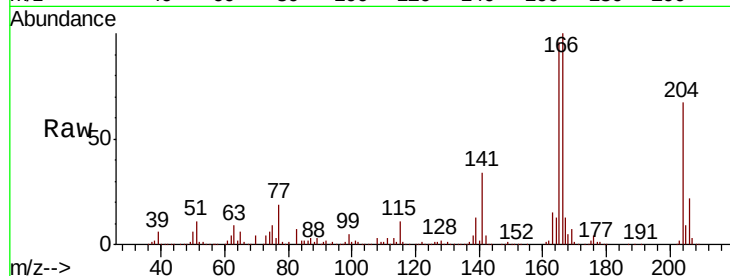


#61
 4-Chlorophenyl-phenylether
 Concen: 46.483 ng
 RT: 15.14 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1035761

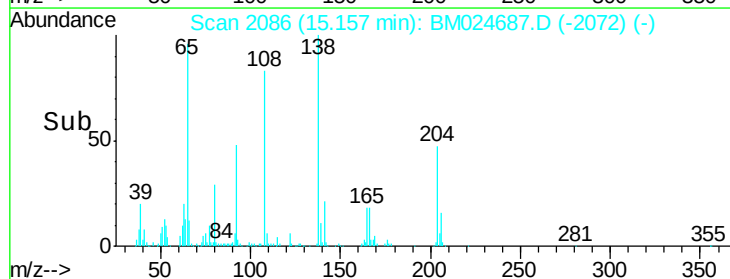
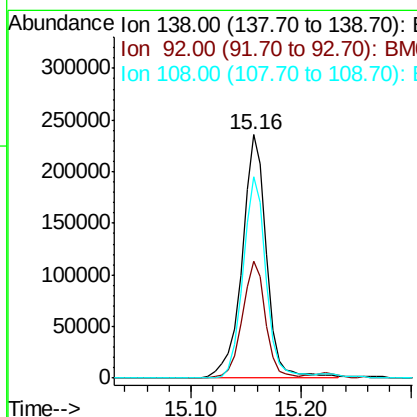
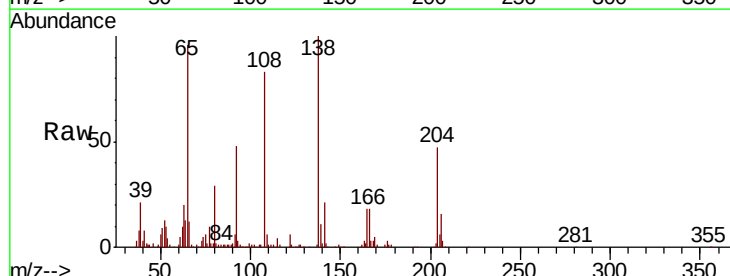
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	51.0	42.2	63.2

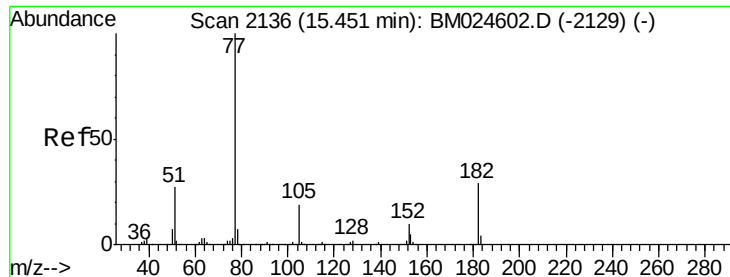


#62
 4-Nitroaniline
 Concen: 37.581 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion:138 Resp: 367534

Ion	Ratio	Lower	Upper
138	100		
92	48.0	32.4	72.4
108	82.7	73.3	113.3





#63

Azobenzene

Concen: 40.557 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

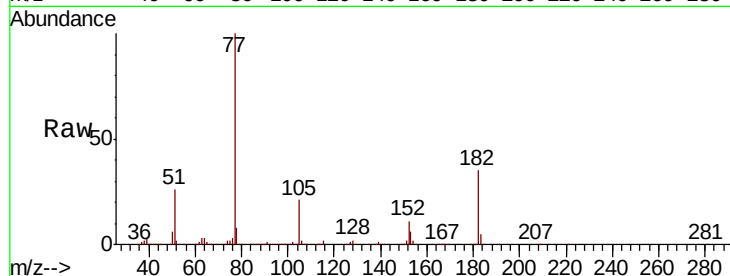
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1411166

Ion	Ratio	Lower	Upper
77	100		
182	34.8	8.7	48.7
105	21.1	0.0	39.2
51	26.0	7.5	47.5

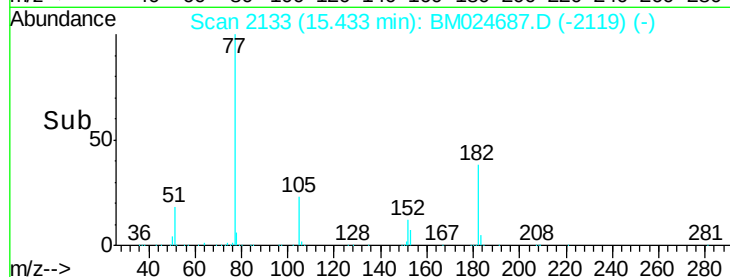


Abundance Ion 77.00 (76.70 to 77.70): BM0

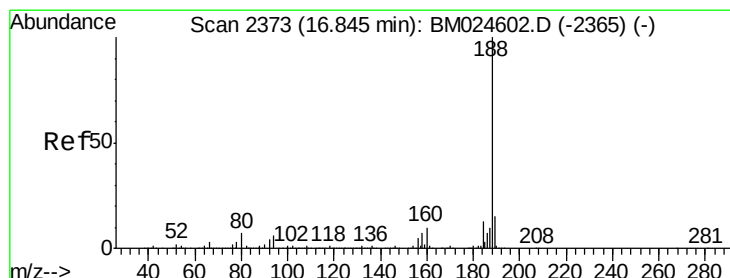
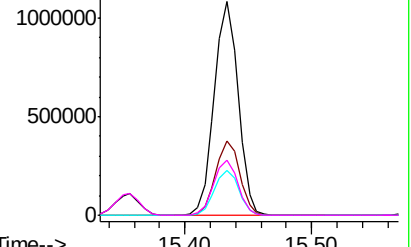
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

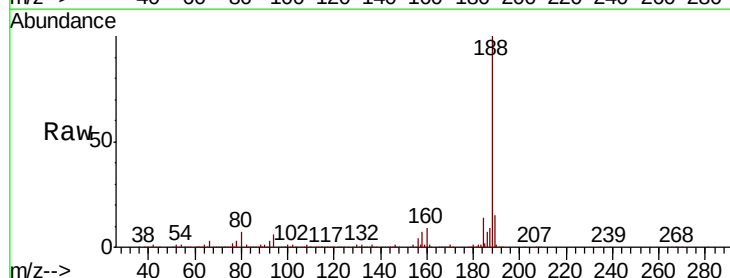
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion: 188 Resp: 1161749

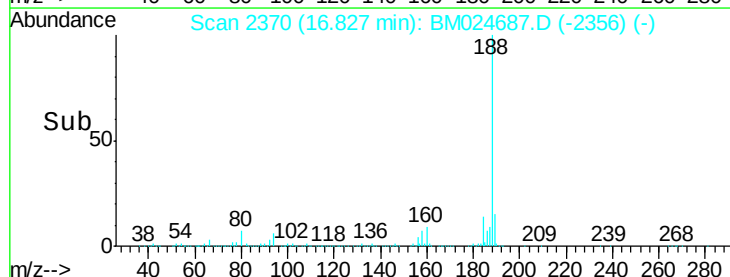
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.0	7.6
80	6.5	5.8	8.8



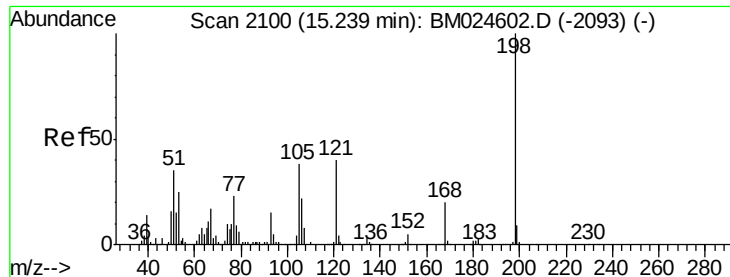
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 54.700 ng

RT: 15.22 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

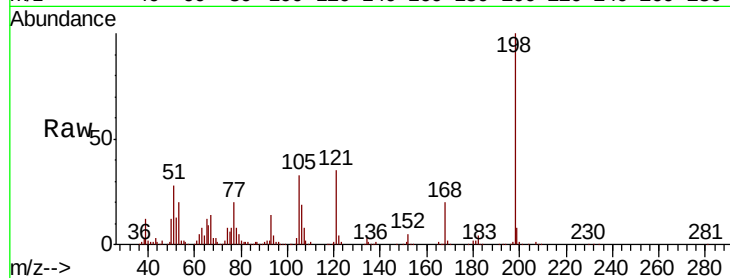
Tot Ion:198 Resp: 373644

Ion	Ratio	Lower	Upper
198	100		
51	27.6	15.8	55.8
105	32.7	18.5	58.5

198 100

51 27.6 15.8 55.8

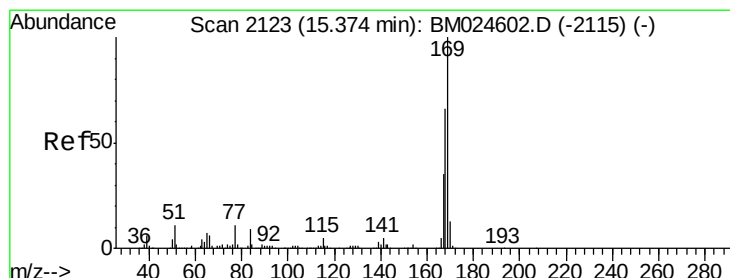
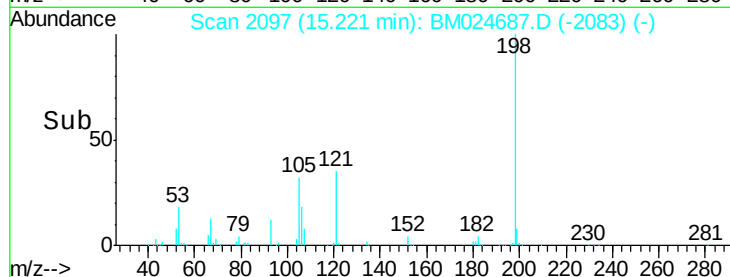
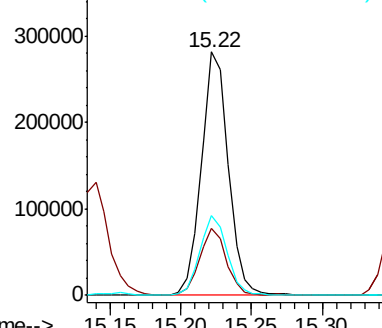
105 32.7 18.5 58.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM024687.D (-2093) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.669 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

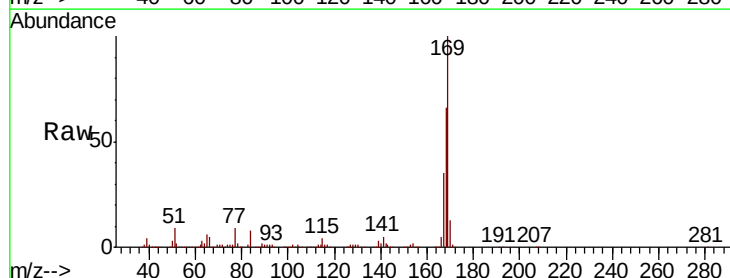
Tgt Ion:169 Resp: 1657523

Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.8	79.2
167	34.9	28.2	42.2

169 100

168 65.7 52.8 79.2

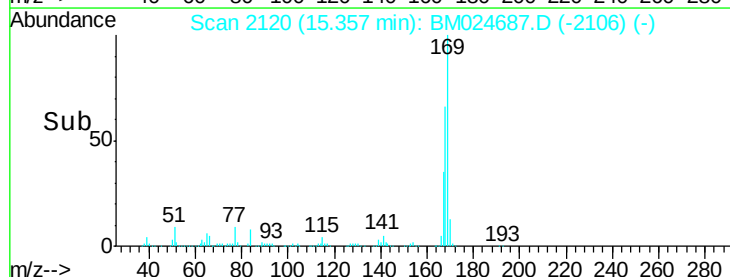
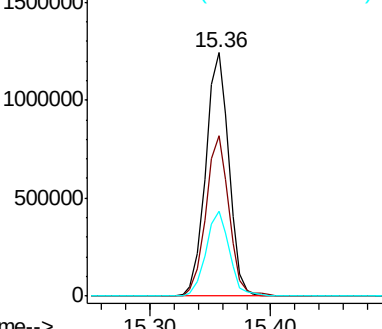
167 34.9 28.2 42.2

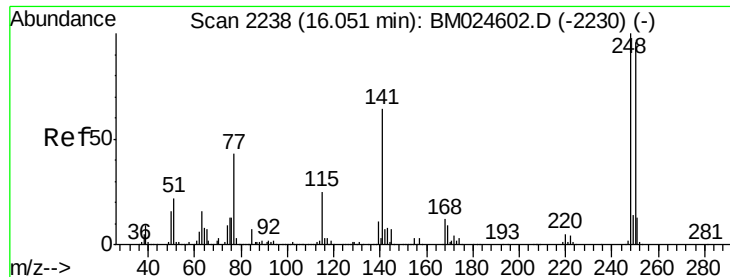


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

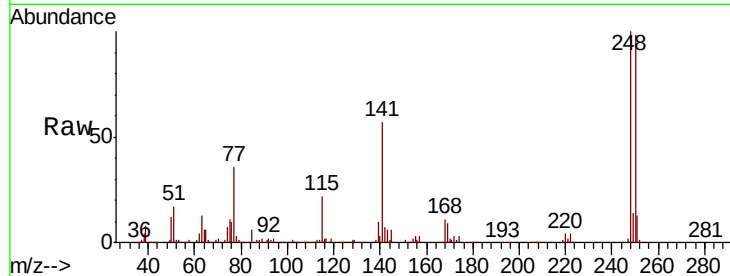




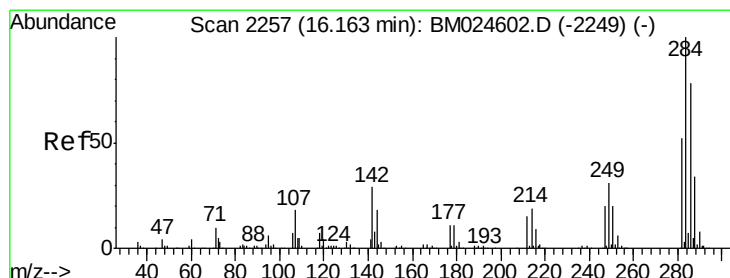
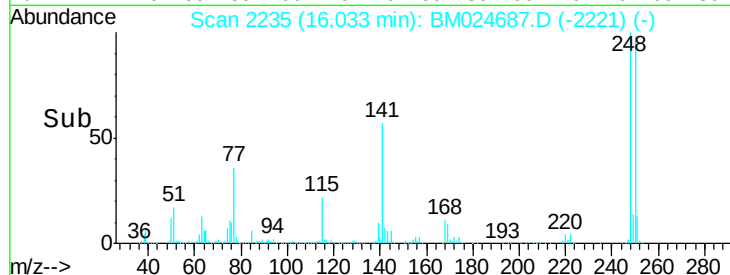
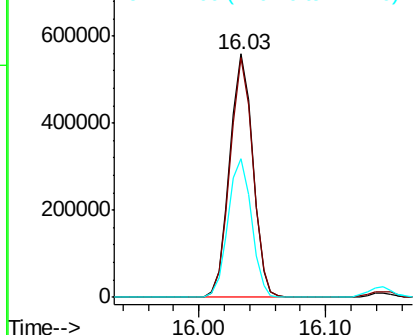
#67
4-Bromophenyl-phenylether
Concen: 48.828 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 705430
Ion Ratio Lower Upper
248 100
250 98.5 77.0 115.6
141 57.1 50.9 76.3

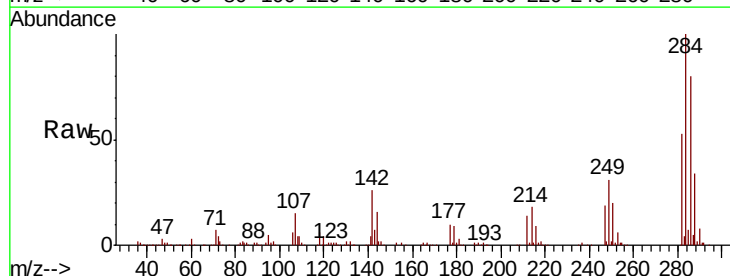


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

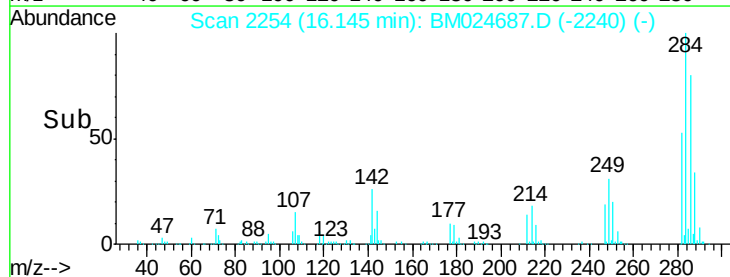
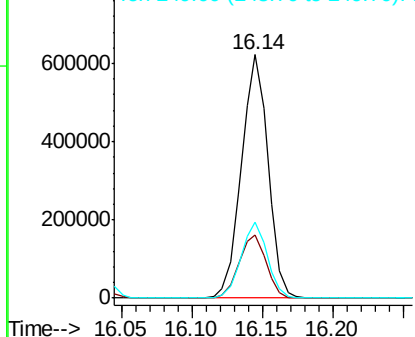


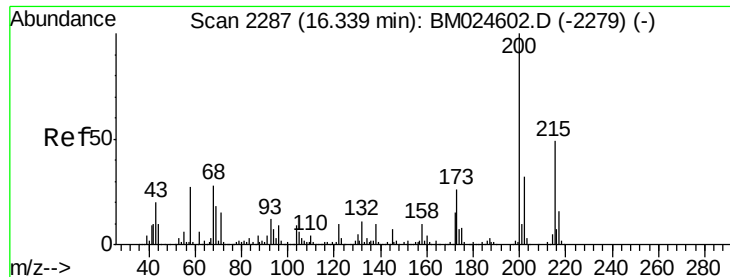
#68
Hexachlorobenzene
Concen: 49.177 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:284 Resp: 815302
Ion Ratio Lower Upper
284 100
142 25.8 23.5 35.3
249 31.1 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: 53.047 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

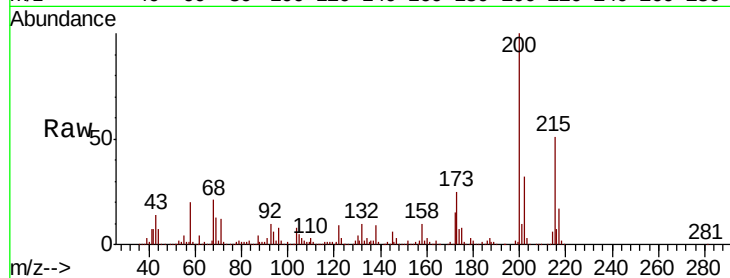
Tot Ion:200 Resp: 679502

Ion Ratio Lower Upper

200 100

173 25.1 5.5 45.5

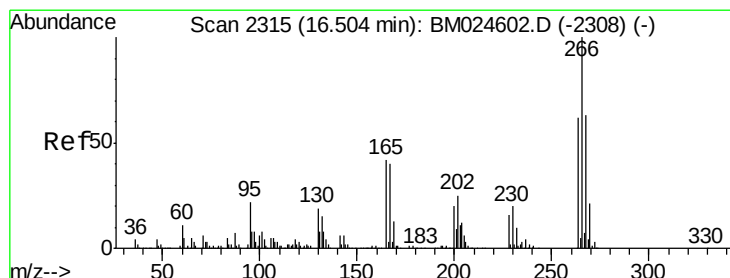
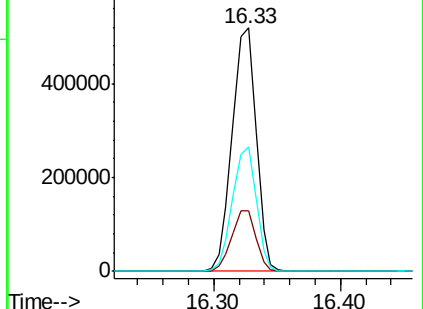
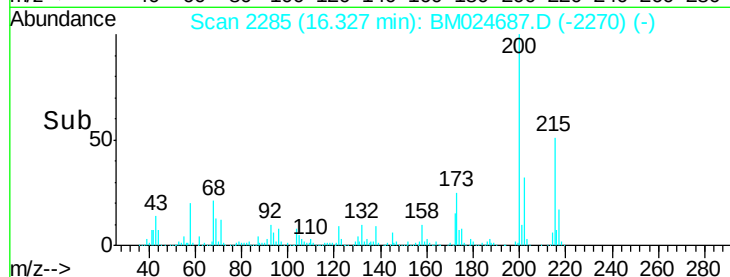
215 50.9 29.4 69.4



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: 108.653 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

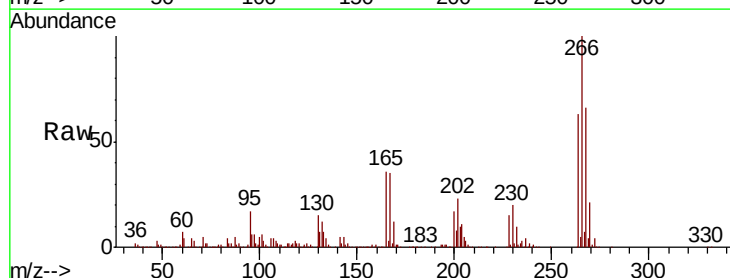
Tgt Ion:266 Resp: 1097234

Ion Ratio Lower Upper

266 100

268 65.6 50.4 75.6

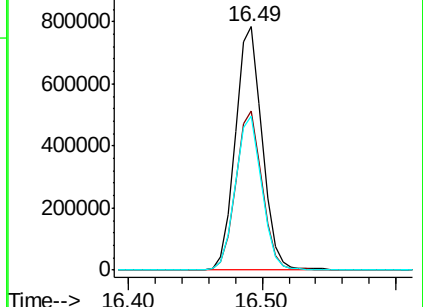
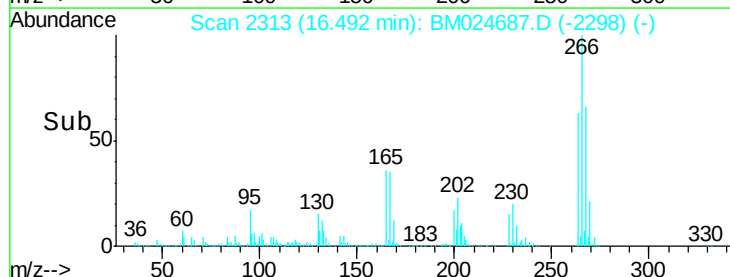
264 63.4 49.9 74.9

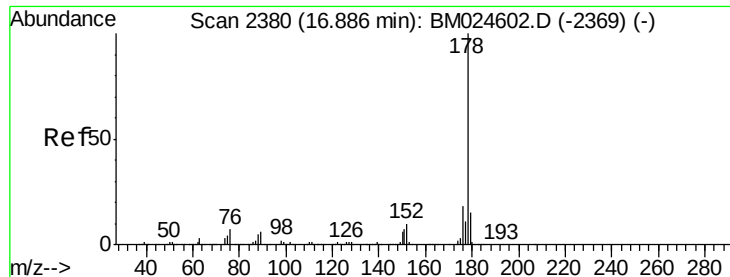


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

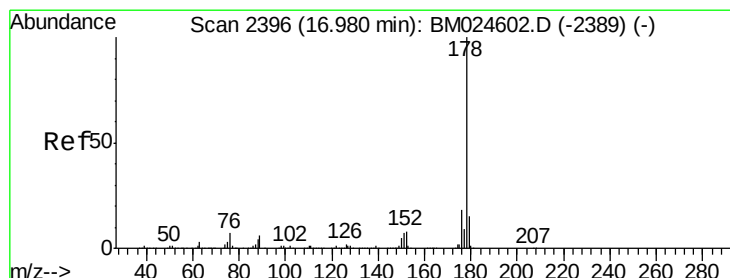
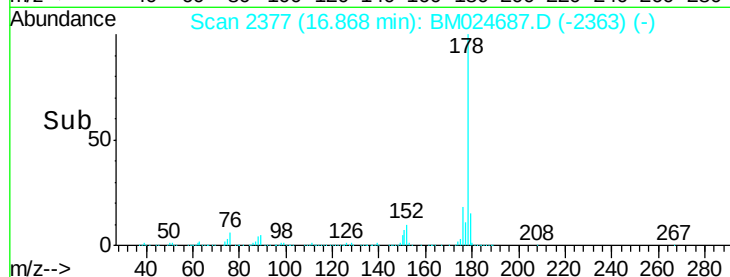
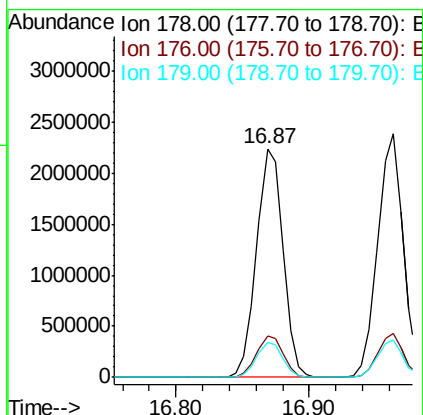
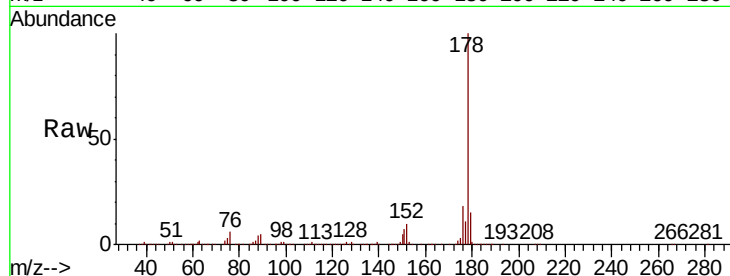




#71
Phenanthrene
Concen: 48.752 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

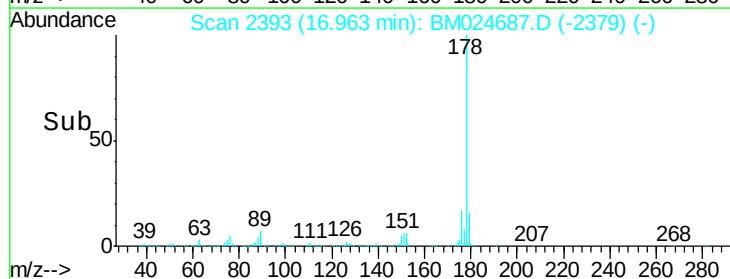
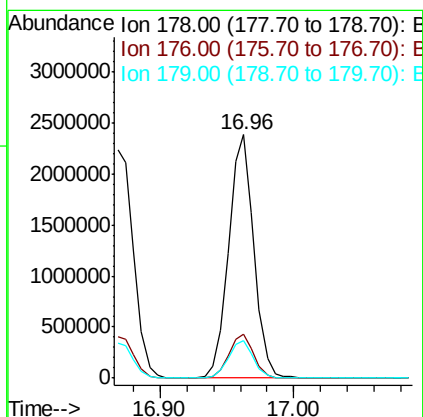
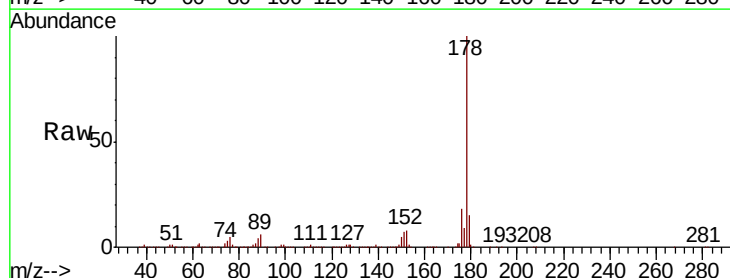
Instrument :
BNA_M
ClientSampleId :

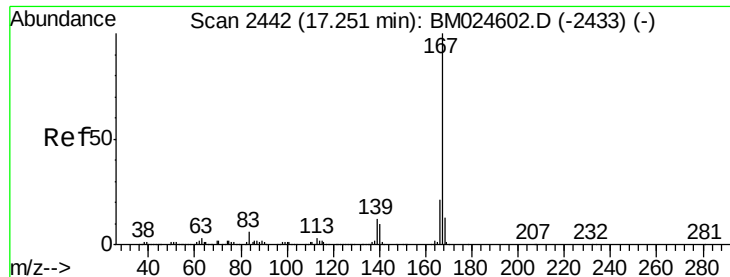
Tot Ion:178 Resp: 3067004
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.4 11.9 17.9



#72
Anthracene
Concen: 50.829 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:178 Resp: 3128834
Ion Ratio Lower Upper
178 100
176 17.8 14.3 21.5
179 15.4 12.1 18.1





#73

Carbazole

Concen: 49.861 ng

RT: 17.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampled :

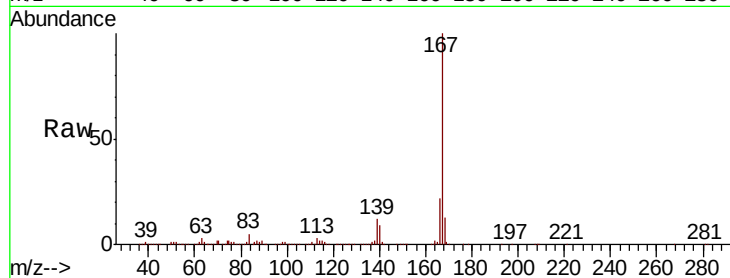
Tot Ion:167 Resp: 2794088

Ion Ratio Lower Upper

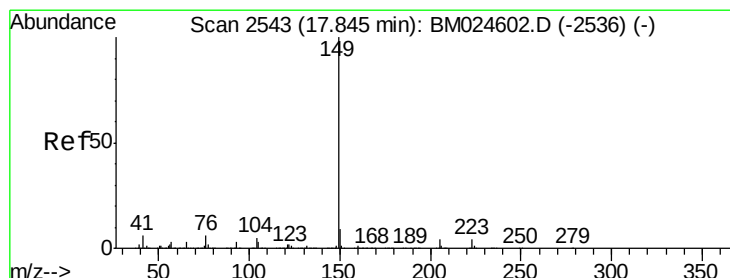
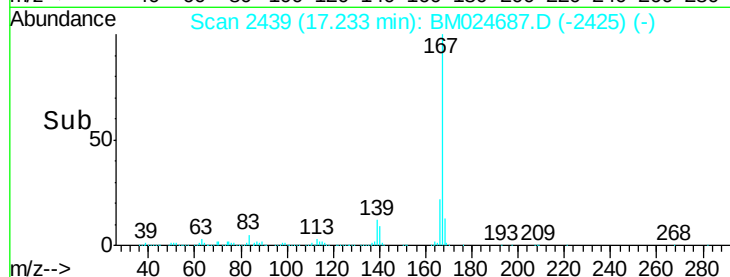
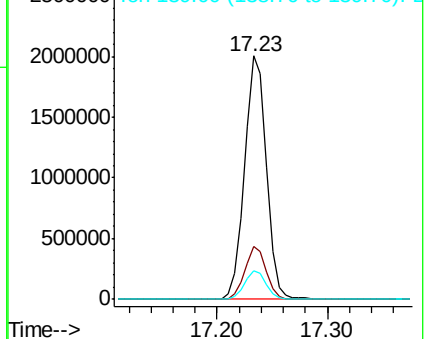
167 100

166 21.5 17.1 25.7

139 11.8 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: 46.055 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

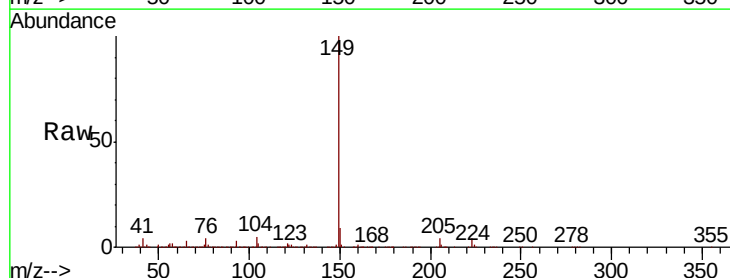
Tgt Ion:149 Resp: 3299297

Ion Ratio Lower Upper

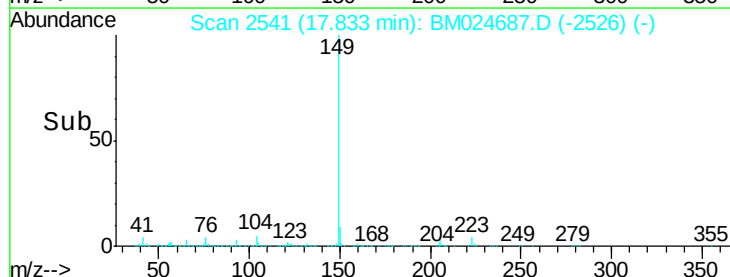
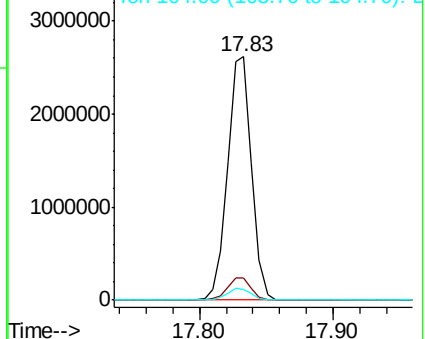
149 100

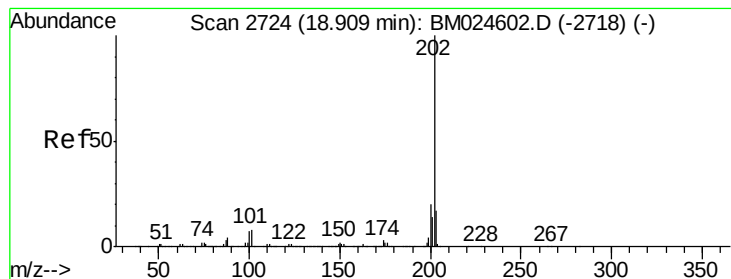
150 9.0 7.4 11.0

104 4.6 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: 50.072 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

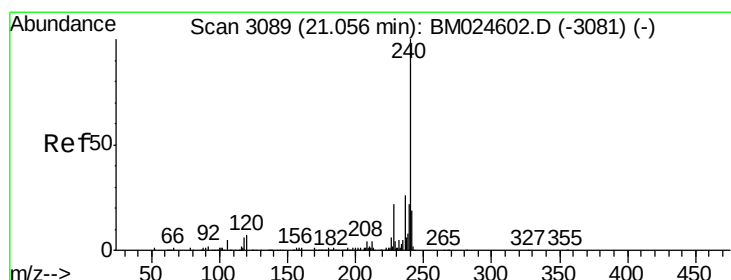
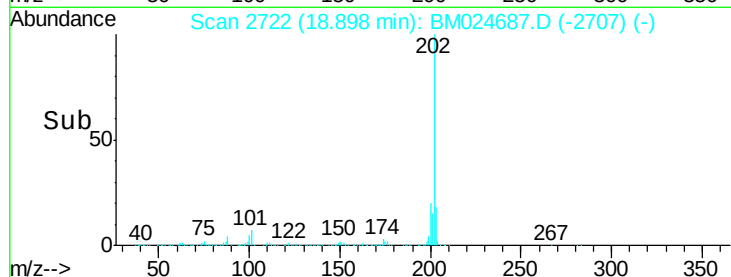
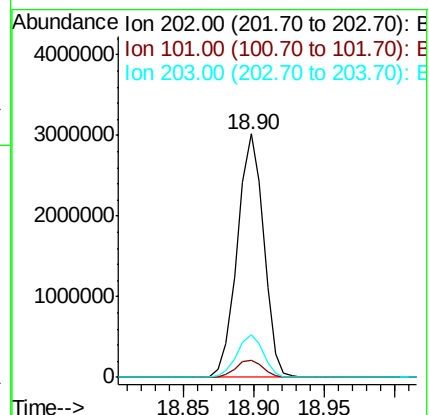
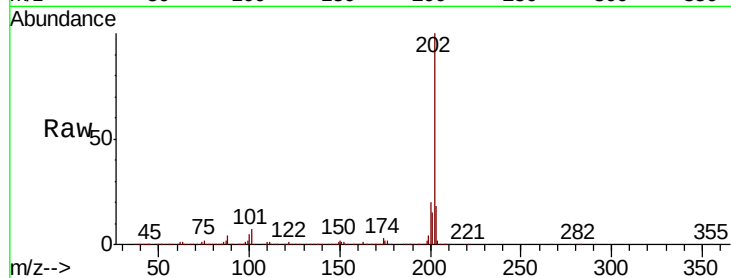
Tot Ion:202 Resp: 3931635

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

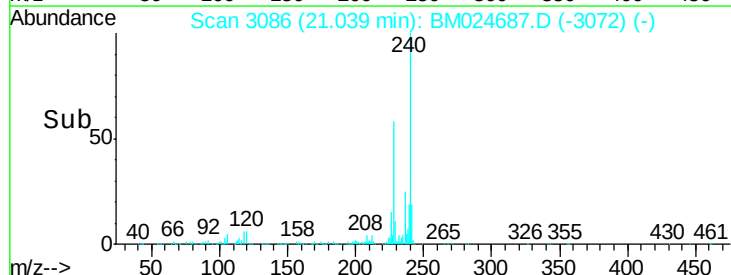
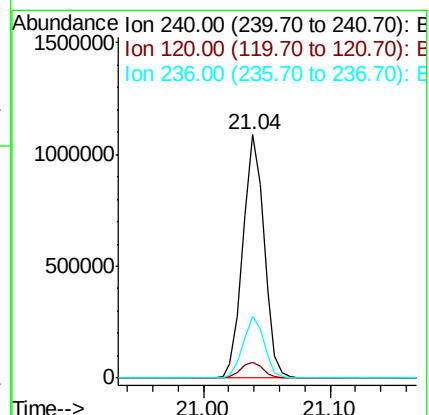
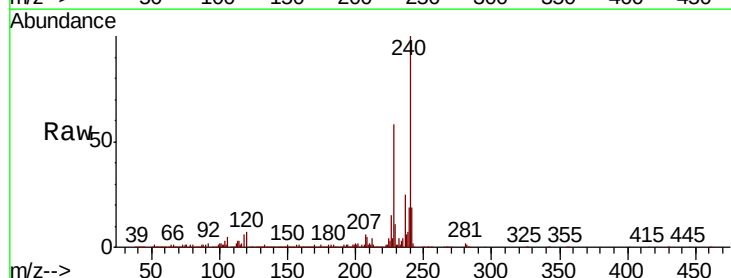
Tgt Ion:240 Resp: 1261719

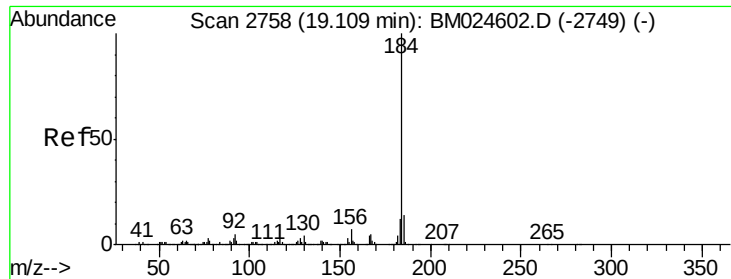
Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

236 25.2 20.6 31.0

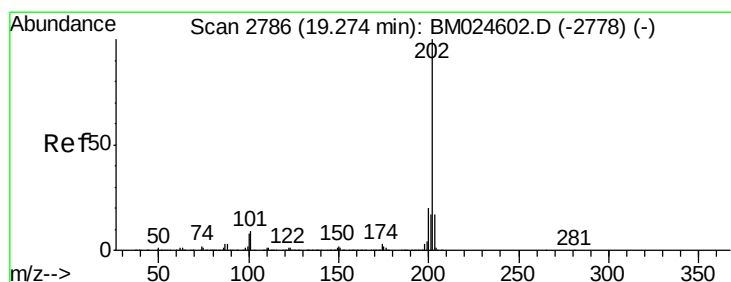
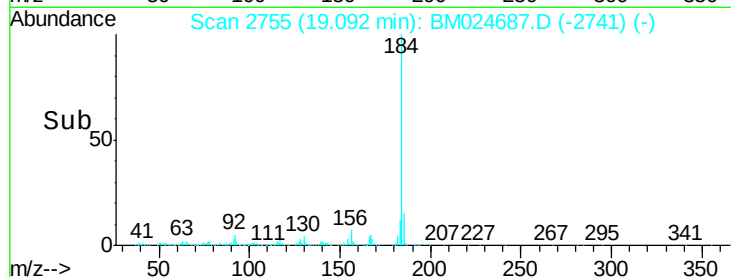
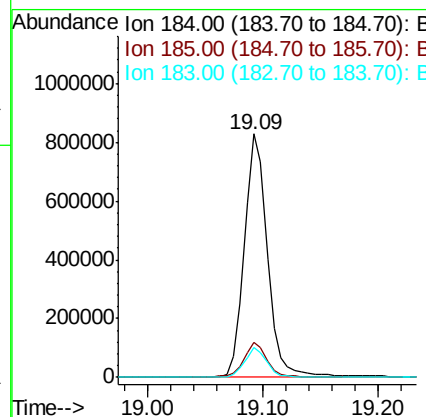
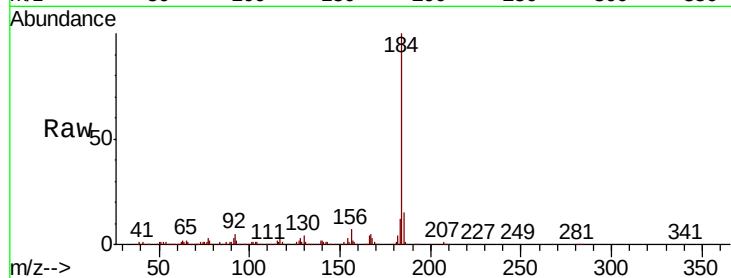




#77
Benzidine
Concen: 39.265 ng
RT: 19.09 min Scan# 2755
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

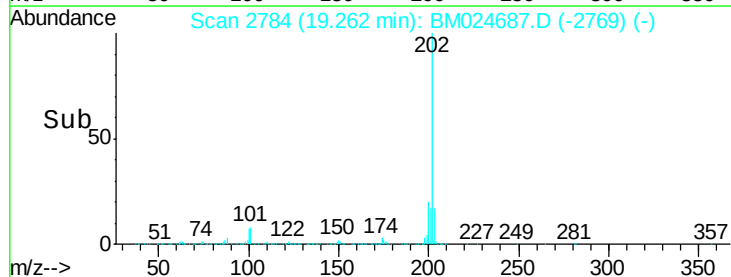
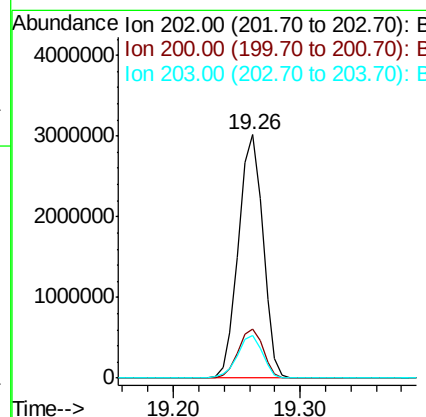
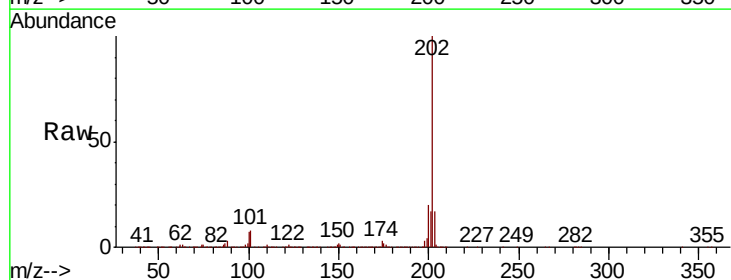
Instrument :
BNA_M
ClientSampleId :

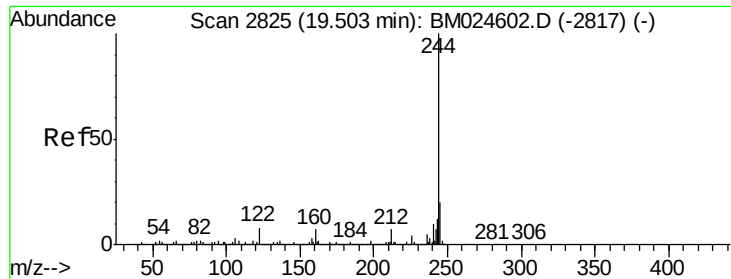
Tot Ion:184 Resp: 1153754
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.1 9.6 14.4



#78
Pyrene
Concen: 48.602 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:202 Resp: 4042615
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 98.377 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

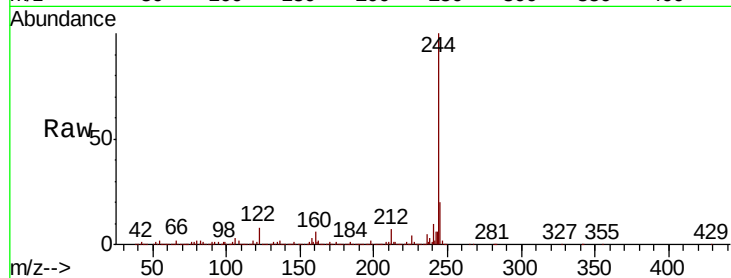
Tot Ion:244 Resp: 6648651

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

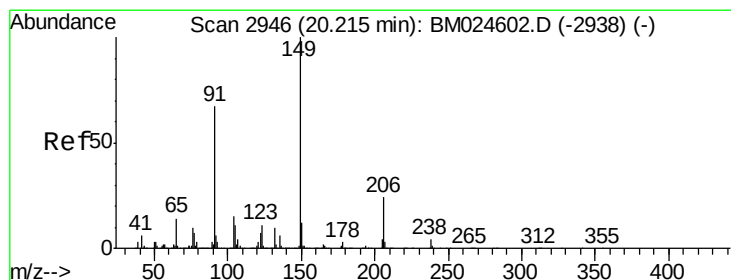
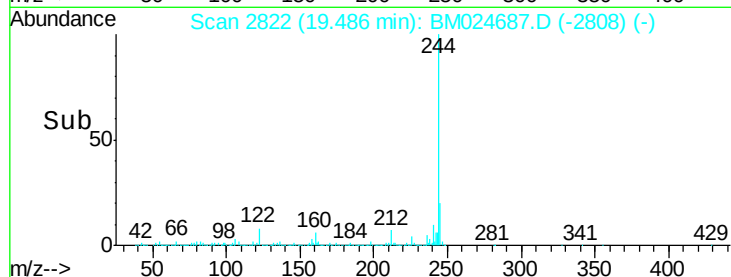
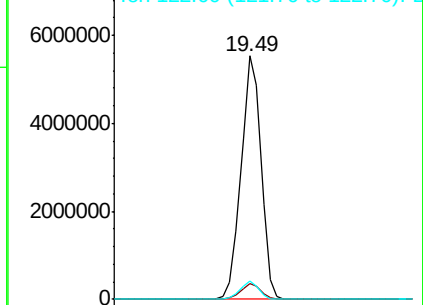
122 7.6 6.2 9.4



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: 44.249 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

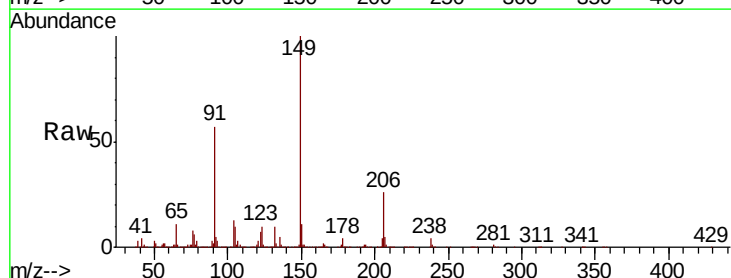
Tgt Ion:149 Resp: 1544375

Ion Ratio Lower Upper

149 100

91 56.8 53.9 80.9

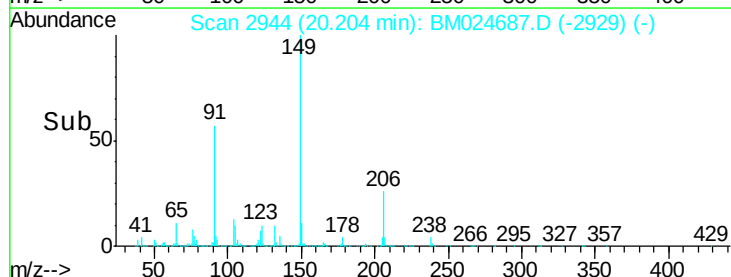
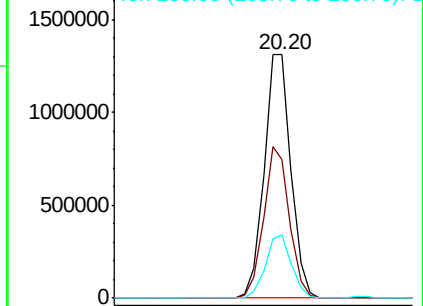
206 25.9 19.0 28.6

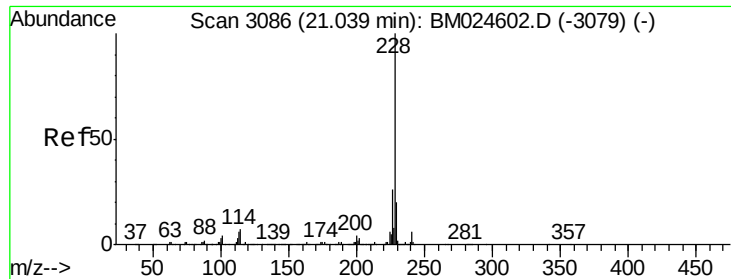


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.067 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

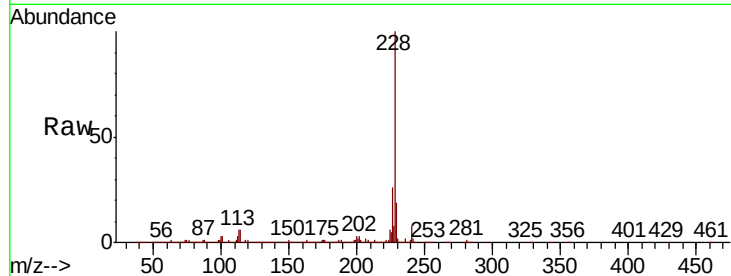
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 4209277

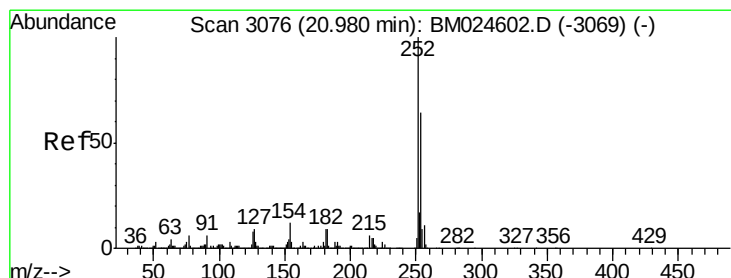
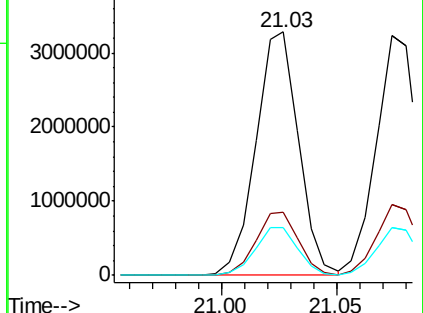
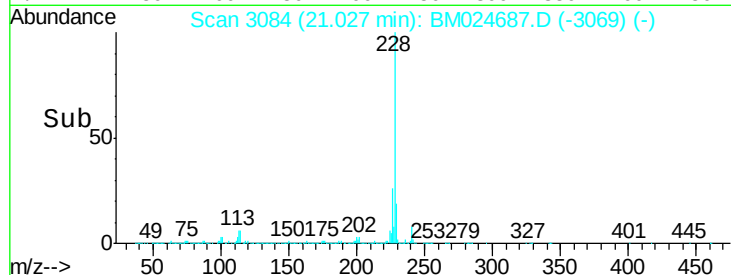
Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.1	31.7
229	19.5	15.8	23.6



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: 21.970 ng

RT: 20.97 min Scan# 3074

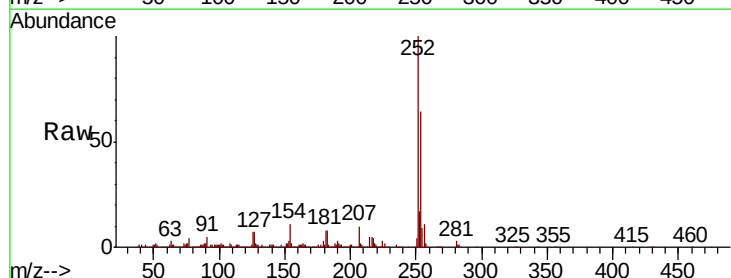
Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:252 Resp: 692081

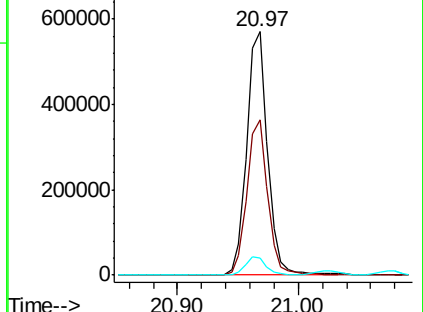
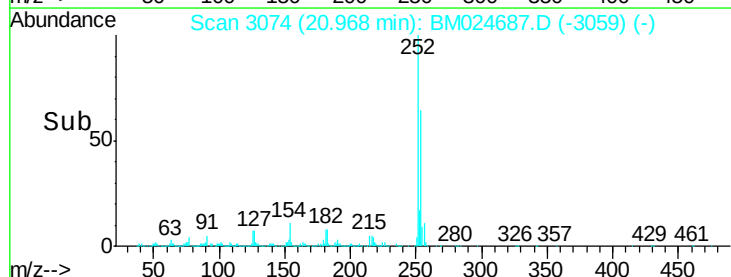
Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	6.8	6.7	10.1

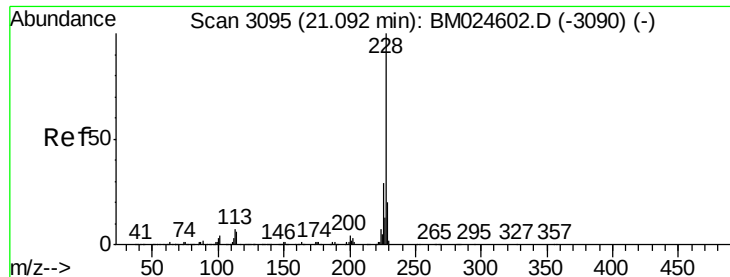


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.303 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

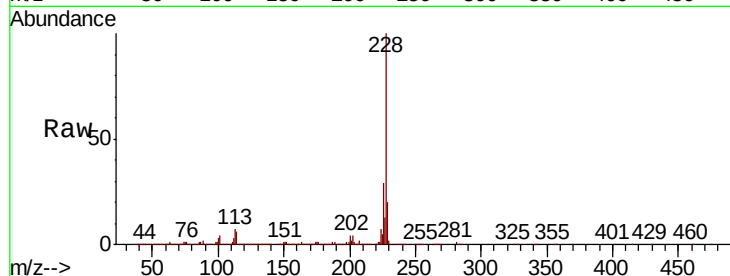
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4036192

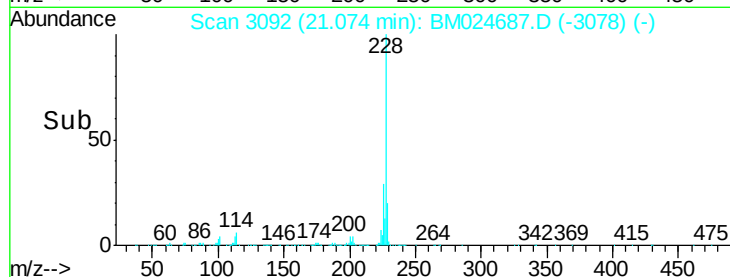
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.9	15.7	23.5



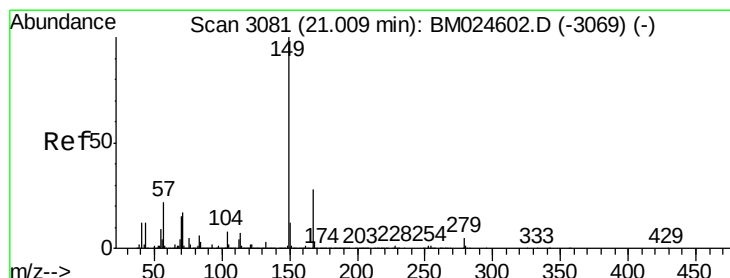
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.998 ng

RT: 21.00 min Scan# 3079

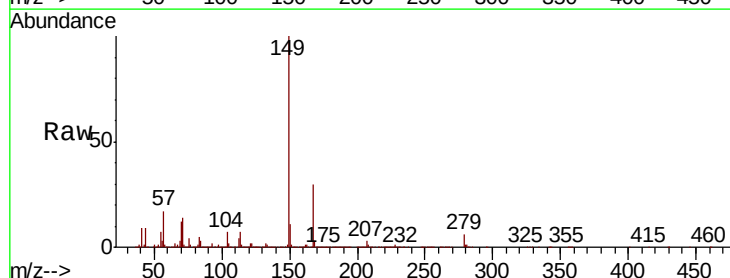
Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:149 Resp: 2265823

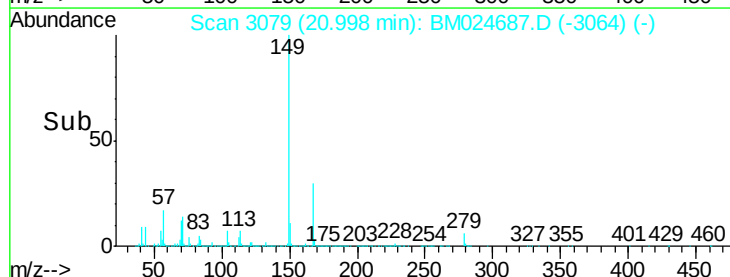
Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.5	33.7
279	5.9	4.0	6.0



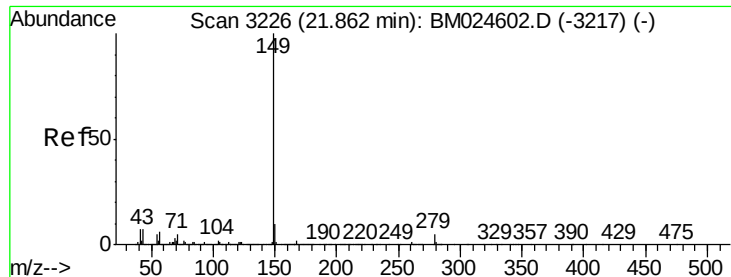
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 46.274 ng

RT: 21.84 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

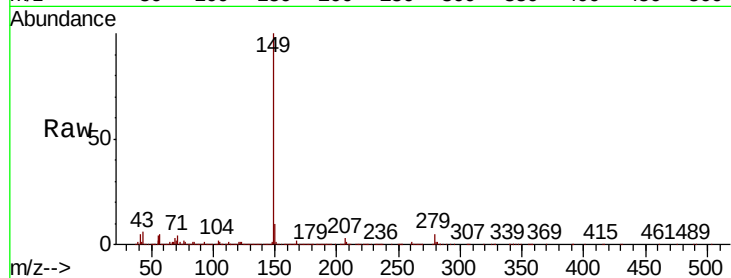
Tot Ion:149 Resp: 3937063

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

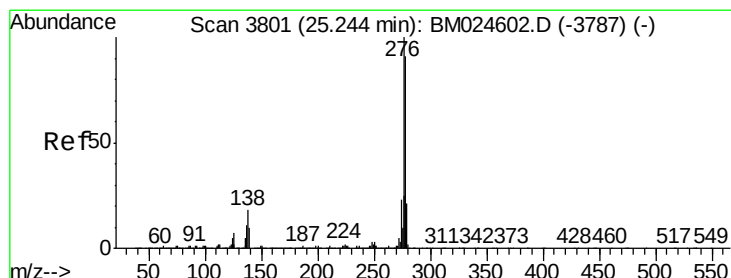
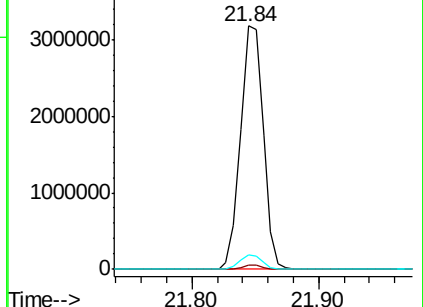
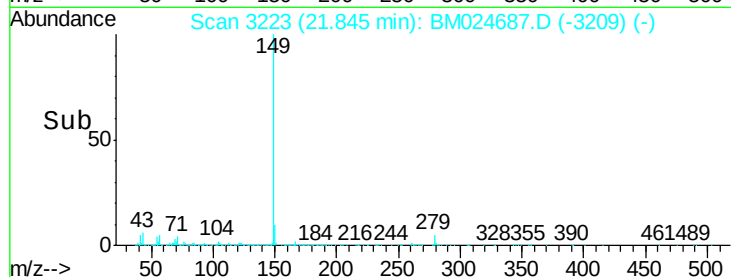
43 5.6 5.8 8.6#



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.025 ng

RT: 25.22 min Scan# 3797

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

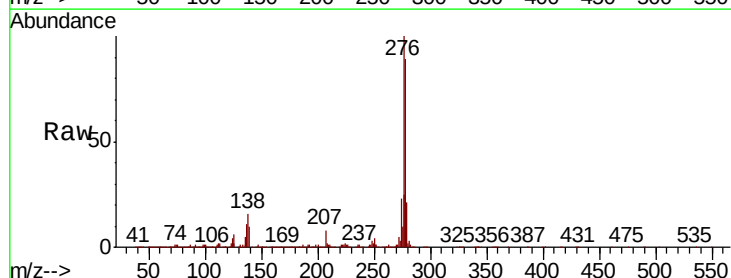
Tgt Ion:276 Resp: 5193543

Ion Ratio Lower Upper

276 100

138 15.9 13.4 20.0

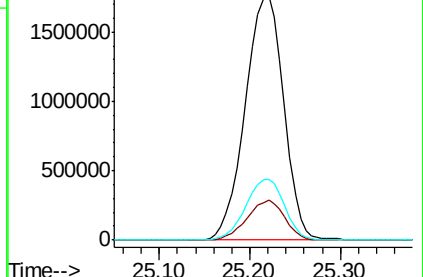
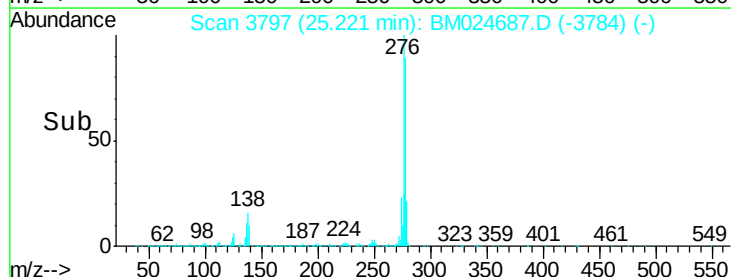
277 25.1 19.6 29.4

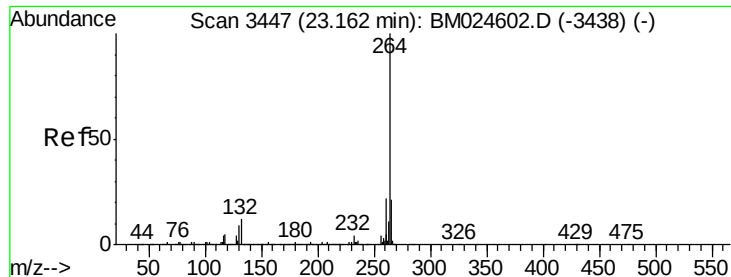


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3444

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

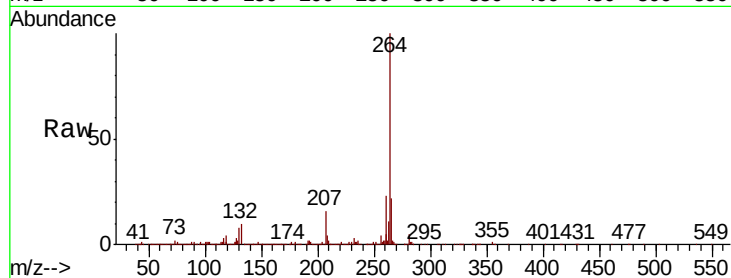
Tot Ion:264 Resp: 1454407

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

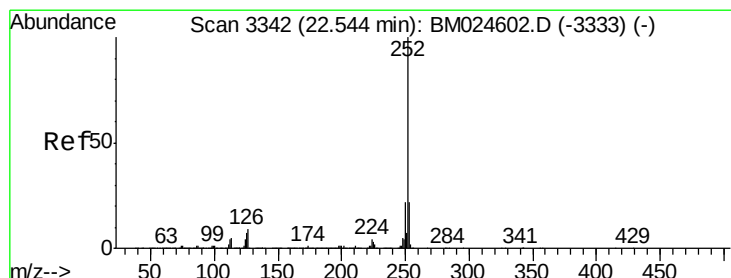
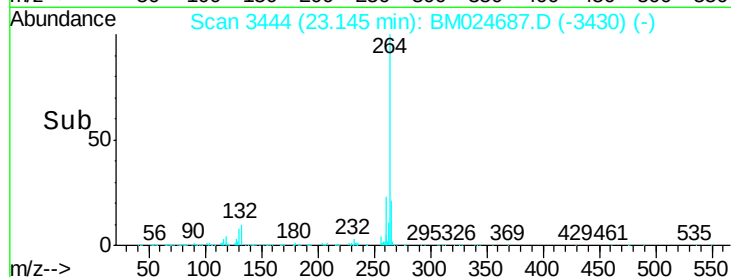
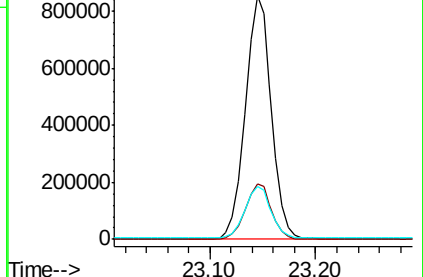
265 21.9 17.3 25.9



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: 48.248 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

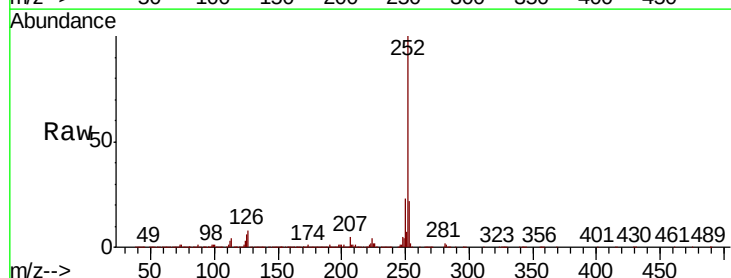
Tgt Ion:252 Resp: 4551180

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

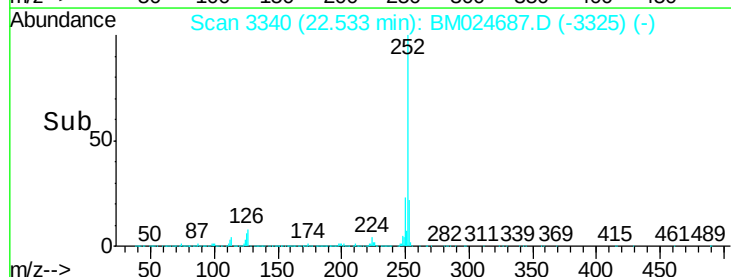
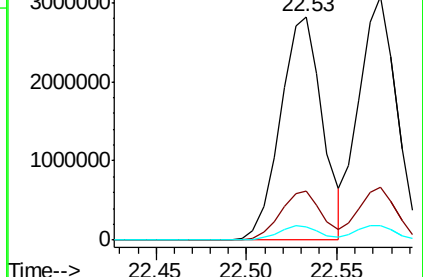
125 6.2 5.7 8.5

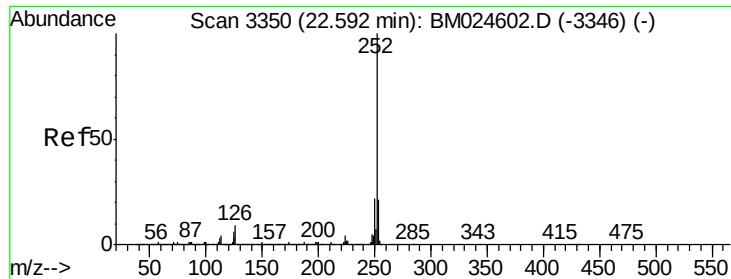


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

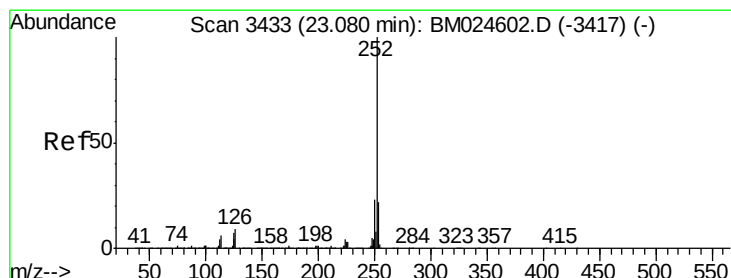
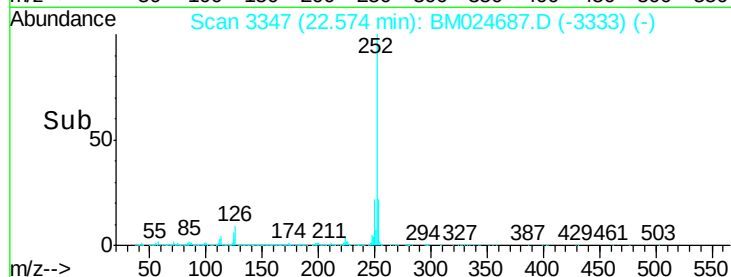
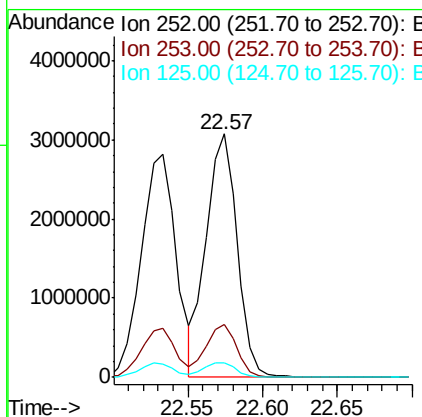
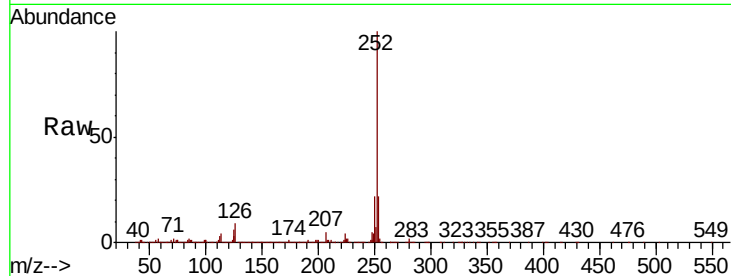




#89
Benzo(k)fluoranthene
Concen: 47.909 ng
RT: 22.57 min Scan# 3347
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

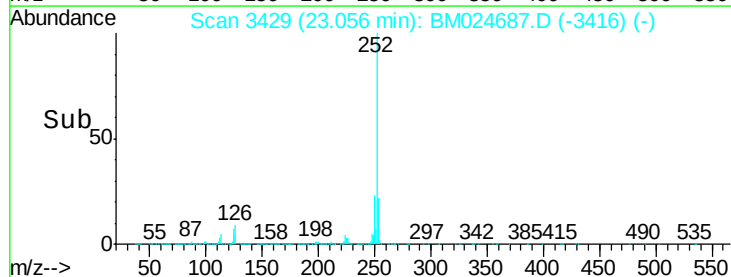
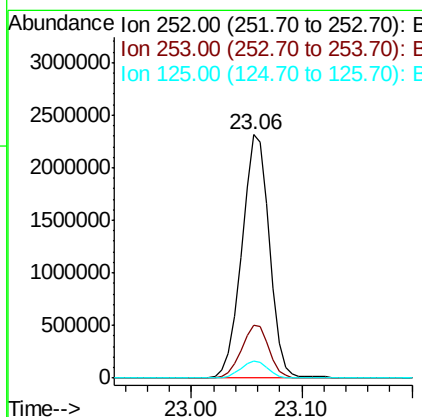
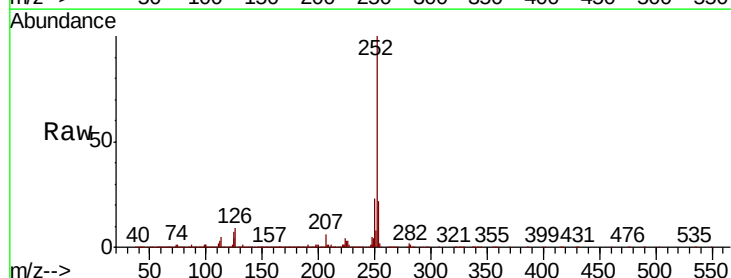
Instrument :
BNA_M
ClientSampleId :

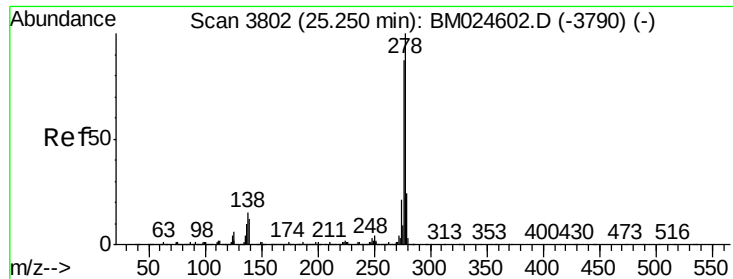
Tot Ion:252 Resp: 4411191
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 6.1 5.2 7.8



#90
Benzo(a)pyrene
Concen: 47.351 ng
RT: 23.06 min Scan# 3429
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:252 Resp: 4060943
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 7.1 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 54.122 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

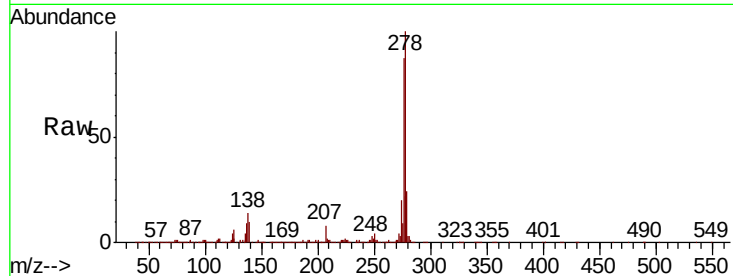
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 4405520

Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.3	13.9
279	23.6	18.9	28.3

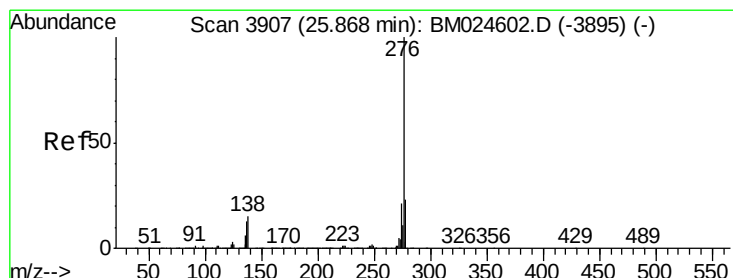
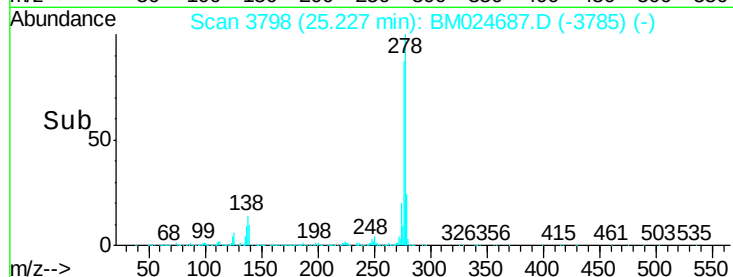
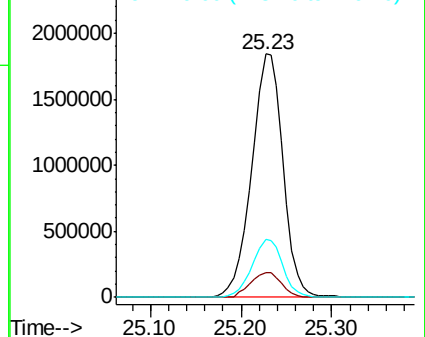


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.609 ng

RT: 25.84 min Scan# 3903

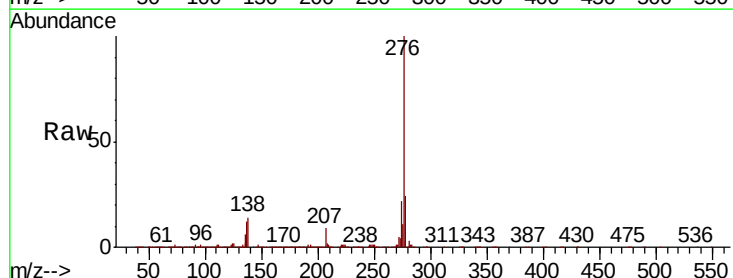
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:276 Resp: 4331967

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	13.9	11.9	17.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

